

EA02-025

FORD

OCTOBER 27, 2003

APPENDIX N

BOOKS 48 OF 61

PART 2 OF 4

1.58011	80.7888	87.9013	685.65	993.772	17.9958	6.80281	40.7676	-0.012188
1.58111	81.4724	87.9013	687.02	993.772	18.2893	6.80344	40.817	-0.010938
1.58211	81.8091	88.0381	688.162	994.045	18.2322	6.80344	40.985	-0.010938
1.58311	82.1561	88.175	689.305	993.226	18.061	6.80469	40.7183	-0.0125
1.58411	81.3356	88.175	690.447	994.182	18.2934	6.80719	40.985	-0.011583
1.58511	81.8091	87.9013	692.503	992.816	18.5501	6.80844	40.8883	-0.010313
1.58611	81.8091	87.9013	695.13	993.772	18.379	6.58858	41.1824	-0.008438
1.58711	81.8828	87.7644	694.102	992.816	18.2771	6.58812	40.817	-0.012813
1.58811	81.8091	88.175	695.472	993.226	18.379	6.54344	41.3104	-0.013125
1.58911	81.8091	88.4487	696.843	993.089	18.3626	6.55844	40.5209	-0.01125
1.57011	81.7458	88.3118	698.214	992.679	18.273	6.62887	40.9157	-0.010625
1.57111	81.8091	87.9013	699.584	991.996	18.1181	6.60719	41.2117	-0.012813
1.57211	81.3356	88.175	700.488	992.952	17.9958	6.81344	41.1131	-0.01125
1.57311	81.8828	87.4908	701.412	992.543	17.9308	6.81219	41.2117	-0.010313
1.57411	81.1989	87.9013	702.325	992.816	17.7838	6.81094	41.1824	-0.011875
1.57511	81.8091	87.9013	703.468	993.908	17.5026	6.81406	41.1824	-0.010938
1.57611	81.8091	88.175	704.61	993.089	17.3029	6.81406	41.4091	-0.010313
1.57711	81.4724	87.9013	705.752	993.089	17.4496	6.81281	41.5078	-0.008125
1.57811	82.0193	88.3118	706.209	993.089	17.5882	6.81344	41.4091	-0.01125
1.57911	81.3356	88.0381	707.465	993.908	17.7675	6.81281	41.6085	-0.011583
1.58011	80.9255	88.175	708.722	993.498	18.0243	6.81344	41.3588	-0.011875
1.58111	81.4724	87.9013	709.635	992.952	18.1548	6.81781	41.6085	-0.011583
1.58211	81.7458	88.175	710.549	992.543	18.1915	6.81594	41.5572	-0.011583
1.58311	81.8091	87.9013	712.605	992.543	18.383	6.81844	41.8039	-0.010938
1.58411	81.3356	88.175	713.747	993.089	18.4849	6.81844	41.6085	-0.010938
1.58511	81.7458	87.9013	714.889	992.816	18.3588	6.81781	41.7545	-0.010825
1.58611	81.8091	88.175	716.717	993.089	18.379	6.82156	41.8039	-0.010938
1.58711	81.4724	87.9013	718.544	993.089	18.4034	6.82344	41.6559	-0.012188
1.58811	81.8091	87.9013	721.628	993.635	18.2587	6.81844	41.9026	-0.0075
1.58911	81.8091	88.4487	721.514	992.543	18.1425	6.59082	41.5078	-0.012813
1.59011	81.8828	88.175	723.342	993.089	18.004	6.58858	41.7052	-0.010313
1.59111	81.8091	87.9013	724.941	992.543	17.8409	6.55437	41.7052	-0.010938
1.59211	81.8828	87.9013	727.225	992.543	17.6697	6.62344	41.7545	-0.011583
1.59311	81.8091	87.9013	728.586	992.679	17.4089	6.62562	41.9026	-0.010938
1.59411	81.7458	88.0381	730.309	993.908	16.9442	6.62719	41.7052	-0.012188
1.59511	81.3356	88.175	732.022	993.908	16.9238	6.62719	41.4585	-0.012188
1.59611	81.8828	87.9013	732.593	993.635	16.8058	6.62584	41.8039	-0.011583
1.59711	81.7458	88.0381	734.763	994.182	17.0339	6.62906	41.8532	-0.012813
1.59812	81.3356	87.9013	734.992	991.996	17.1388	6.62406	41.9519	-0.010938
1.59912	81.3356	88.175	736.933	993.499	17.1724	6.62584	42.0013	-0.009375
1.60012	81.7458	88.175	736.933	992.543	17.2882	6.62719	42.1	-0.010938
1.60112	81.8091	88.175	738.19	992.543	17.3925	6.62781	42.6921	-0.011875
1.60212	81.3356	87.9013	739.56	993.908	17.3885	6.63031	42.1986	-0.01125
1.60312	81.8091	87.9013	740.817	993.772	17.3396	6.62844	42.1986	-0.011583
1.60412	81.7458	88.175	742.073	993.382	17.3762	6.62844	42.1493	-0.010825
1.60512	81.8091	87.9013	743.101	993.635	17.4007	6.63219	42.396	-0.012813
1.60612	81.3356	87.2171	744.358	993.908	17.3436	6.63281	42.396	-0.010313
1.60712	81.7458	87.9013	746.071	993.772	17.2821	6.63344	42.4454	-0.010825
1.60812	81.8091	88.175	747.099	994.728	17.2132	6.63531	42.4454	-0.009888
1.60912	81.8091	88.175	748.127	993.635	17.1154	6.63375	42.6921	-0.010313
1.61012	81.8091	87.9013	750.982	993.635	17.0175	6.63469	42.1493	-0.008438
1.61112	81.3356	87.9013	751.688	993.635	16.8893	6.61806	42.6921	-0.013438

1.61212	81.3358	87.9013	764.523	994.182	16.7241	6.59219	42.5441	-0.01125
1.61312	80.9255	87.9013	765.094	994.182	16.4551	6.57187	42.7414	-0.011875
1.61412	81.3358	88.175	766.807	994.591	16.3813	6.58094	42.4454	-0.010625
1.61512	81.1989	88.5855	768.178	994.728	16.4306	6.65094	42.7414	-0.01125
1.61612	81.6091	87.9013	769.883	995.274	16.6344	6.63469	42.5834	-0.008125
1.61712	81.6091	88.0381	780.577	994.591	16.7811	6.63937	42.4947	-0.011563
1.61812	82.0193	87.9013	781.947	995.138	16.836	6.63969	42.5834	-0.011563
1.61912	81.7458	88.175	783.089	995.821	17.0685	6.63969	42.6427	-0.011875
1.62012	81.4724	88.175	783.204	994.182	17.1398	6.63844	42.4947	-0.011563
1.62112	81.3358	88.0381	784.346	994.728	17.2377	6.63937	42.5834	-0.008688
1.62212	80.9255	87.9013	784.117	993.908	17.3029	6.63719	42.4454	-0.011563
1.62312	81.6091	87.7844	784.574	994.455	17.3355	6.63719	42.9882	-0.011563
1.62412	81.6091	88.3118	785.031	995.884	17.3599	6.64219	42.8895	-0.01125
1.62512	80.7888	87.9013	785.488	995.274	17.3559	6.64406	42.8895	-0.01125
1.62612	81.3358	88.175	785.945	995.547	17.2784	6.64219	42.9388	-0.010313
1.62712	81.1989	87.3539	786.287	995.821	17.2703	6.63969	42.7414	-0.010313
1.62812	81.6091	88.3118	787.201	996.367	17.1928	6.64125	42.9388	-0.010313
1.62912	81.6091	88.4487	788.343	996.23	17.0885	6.64156	42.7908	-0.011875
1.63012	82.0193	87.9013	789.488	997.188	16.8871	6.64406	43.0868	-0.010625
1.63112	81.8826	88.175	770.171	995.274	16.7404	6.64094	42.9882	-0.011875
1.63212	81.6091	87.9013	771.085	995.547	16.5407	6.63969	43.1855	-0.009375
1.63312	81.7458	87.8278	771.77	995.138	16.3532	6.64489	43.1855	-0.011563
1.63412	81.6091	88.175	773.255	995.821	16.2105	6.63489	43.4818	-0.011563
1.63512	81.6091	87.9013	774.054	995.821	15.8988	6.60531	43.2842	-0.010625
1.63612	81.3358	88.175	774.511	995.411	15.6765	6.58489	43.3338	-0.010938
1.63712	81.1989	87.3539	775.198	996.23	15.7621	6.57094	43.3829	-0.011563
1.63812	81.7458	87.9013	776.11	996.094	15.864	6.64489	43.3829	-0.010313
1.63912	80.9255	88.175	776.587	996.777	16.0393	6.64584	43.3829	-0.012188
1.64012	81.6091	88.4487	776.91	996.367	16.0641	6.64156	43.4818	-0.01125
1.64112	81.3358	88.5855	777.709	998.279	16.186	6.64406	43.5803	-0.010625
1.64212	81.6091	88.0381	777.938	996.367	16.2798	6.64584	43.679	-0.010313
1.64312	81.3358	88.0381	777.481	996.367	16.2676	6.64219	43.7777	-0.009063
1.64412	81.7458	88.175	778.966	996.367	16.345	6.64313	43.7777	-0.010313
1.64512	81.3358	87.9013	778.966	996.367	16.3409	6.63969	43.7777	-0.010938
1.64612	81.3358	87.7844	779.765	997.05	16.3246	6.63719	43.7777	-0.010313
1.64712	81.7458	88.175	779.765	997.323	16.3532	6.63719	43.9751	-0.010938
1.64812	81.4724	88.4487	780.879	998.006	16.3165	6.63969	43.9751	-0.010625
1.64912	81.6091	87.9013	781.136	998.006	16.2472	6.63719	43.9751	-0.010938
1.65012	81.4724	88.3118	781.364	998.006	16.2188	6.63719	43.9751	-0.01375
1.65112	81.6091	88.175	781.821	998.279	16.0474	6.63781	44.1724	-0.010938
1.65212	81.8826	87.9013	781.935	998.825	15.9496	6.63719	44.2711	-0.011563
1.65312	81.4724	88.0381	782.849	997.733	15.811	6.63969	44.3205	-0.010313
1.65412	81.6091	88.3118	782.849	997.733	15.595	6.63812	44.3205	-0.010313
1.65512	81.3358	88.0381	782.821	997.733	15.6398	6.63969	44.3898	-0.01125
1.65612	81.6091	87.9013	783.649	998.552	15.7621	6.64219	44.4192	-0.010938
1.65712	81.7458	87.9013	783.42	997.46	15.9089	6.64094	44.9126	-0.011563
1.65812	81.6091	88.175	783.877	998.825	16.1371	6.63406	44.7152	-0.011563
1.65912	81.6091	87.7844	783.42	998.552	16.2349	6.60887	44.7152	-0.01125
1.66012	81.3358	87.6276	784.791	999.645	16.3613	6.57989	44.8633	-0.010313
1.66112	81.3358	88.4487	784.662	998.552	16.4632	6.66806	44.9619	-0.009375
1.66212	81.3358	87.9013	785.019	999.372	16.4061	6.64489	44.8633	-0.011563
1.66312	81.3358	88.0381	785.58	999.645	16.508	6.63887	45.1593	-0.01125

1.66412	81.7458	88.175	785.704	999.099	18.5121	6.83531	45.11	-0.010838
1.66512	81.3356	88.175	788.818	999.099	18.8018	6.83489	45.3074	-0.009375
1.66612	81.3356	88.5856	788.276	999.508	18.5629	6.83312	45.3567	-0.012188
1.66712	80.9256	88.175	788.39	999.372	18.4224	6.83094	45.258	-0.011875
1.66812	81.6091	87.9013	787.304	1000.48	18.3939	6.83082	45.5047	-0.012813
1.66912	81.6091	87.7644	786.618	1001.01	18.5733	6.82781	45.3567	-0.010313
1.67012	81.3356	88.175	787.189	1001.89	18.2767	6.82469	45.258	-0.011563
1.67112	81.4724	88.175	787.532	1001.83	18.1657	6.82594	45.5541	-0.010313
1.67212	81.3356	87.7644	787.075	1001.83	18.239	6.82562	45.5047	-0.011563
1.67312	81.3356	88.175	787.989	1002.1	15.9415	6.82469	45.7515	-0.010313
1.67412	81.6091	88.0381	787.532	1003.47	15.7866	6.82719	45.5541	-0.010938
1.67512	81.1989	87.9013	788.103	1002.92	15.7295	6.82719	45.8034	-0.010825
1.67612	81.6091	87.3539	789.017	1003.47	15.4523	6.82781	45.7515	-0.008583
1.67712	81.8826	87.9013	787.532	1002.24	15.1833	6.82406	45.7515	-0.010838
1.67812	81.7458	88.3118	788.331	1003.2	15.2587	6.82582	45.9488	-0.011563
1.67912	81.3356	88.175	788.674	1003.2	15.004	6.82719	46.3436	-0.012813
1.68012	81.1989	87.8278	788.788	1004.02	15.061	6.82781	45.9488	-0.011563
1.68112	81.3356	88.175	788.446	1004.43	15.5063	6.83082	46.0475	-0.011563
1.68212	81.7458	88.0381	789.017	1005.11	15.3464	6.82594	46.2449	-0.011563
1.68312	81.3356	88.175	789.017	1006.2	15.3058	6.80469	46.3436	-0.011875
1.68412	81.8826	88.175	788.674	1006.06	15.7703	6.57406	46.0475	-0.010838
1.68512	81.4724	88.175	788.103	1005.85	15.5824	6.55406	46.0475	-0.012188
1.68612	81.6091	87.9013	788.446	1008.75	15.3178	6.59969	46.2943	-0.010825
1.68712	81.6091	87.9013	788.103	1006.2	15.648	6.83489	46.2943	-0.012813
1.68812	80.7888	87.9013	788.446	1006.2	15.5583	6.81719	46.4423	-0.010825
1.68912	80.7888	87.9013	787.189	1007.16	15.5013	6.82469	46.6367	-0.010825
1.69012	81.3356	88.4487	787.304	1008.25	15.6154	6.81866	46.9357	-0.010313
1.69112	81.0822	87.9013	787.532	1009.34	15.3984	6.82219	46.6367	-0.010313
1.69212	81.1989	87.2171	787.075	1010.03	15.4483	6.82094	46.6367	-0.010313
1.69312	81.1989	88.4487	788.618	1010.03	15.2587	6.81594	46.7384	-0.010313
1.69412	81.3356	88.0381	786.618	1011.39	15.0855	6.81531	46.7384	-0.010938
1.69512	81.6091	88.175	786.504	1011.86	15.1263	6.81406	46.7384	-0.009063
1.69612	81.1989	88.3118	786.047	1012.07	14.9591	6.81219	46.8884	-0.010313
1.69712	81.0822	88.175	786.618	1011.86	14.7023	6.81469	47.0838	-0.010825
1.69812	81.8826	88.3118	786.047	1011.94	14.9347	6.81469	46.9357	-0.011563
1.69912	81.6091	87.9013	785.476	1011.94	15.057	6.81344	46.7384	-0.010313
1.70012	81.7458	88.3118	784.791	1012.76	15.1385	6.81219	47.1331	-0.012813
1.70112	81.6091	87.7644	785.019	1014.67	15.436	6.81437	47.0838	-0.010313
1.70212	82.2928	88.175	784.334	1015.49	15.5064	6.81344	47.1331	-0.010313
1.70312	81.3356	87.9013	783.877	1016.58	15.6276	6.81825	47.2318	-0.010938
1.70412	81.3356	88.8592	783.877	1016.85	15.7784	6.81188	47.3798	-0.011563
1.70512	81.7458	87.8278	783.308	1017.4	15.7703	6.81094	47.2318	-0.010938
1.70612	82.2928	88.175	782.983	1017.95	15.9333	6.80866	47.4785	-0.010825
1.70712	81.3356	88.0381	783.649	1018.77	15.9741	6.59969	47.4292	-0.011875
1.70812	81.6091	88.3118	783.534	1019.59	15.9007	6.57219	47.6286	-0.009375
1.70912	81.3356	87.9013	783.192	1019.31	16.0311	6.54969	47.5279	-0.010313
1.71012	81.3356	88.175	783.877	1019.86	16.0352	6.53469	47.5279	-0.01125
1.71112	81.8826	88.0381	782.983	1020.41	15.9292	6.58658	47.8239	-0.010825
1.71212	81.7458	88.175	782.983	1022.59	16.0474	6.60344	48.3174	-0.012813
1.71312	81.3356	88.3118	783.42	1023.14	15.9741	6.60669	47.8733	-0.012188
1.71412	81.7458	87.4908	782.983	1023.55	15.864	6.60094	47.972	-0.012813
1.71512	81.6091	88.3118	783.42	1024.78	15.8436	6.59719	47.8239	-0.010313

1.71612	81.4724	88.0381	783.308	1025.48	15.7499	6.59781	47.8239	-0.011563
1.71712	81.6091	88.4487	782.963	1025.6	15.5624	6.59344	48.0213	-0.012188
1.71812	81.1989	88.175	783.42	1026.41	15.3138	6.59219	48.0213	-0.011875
1.71912	81.4724	87.7844	784.791	1026.96	14.686	6.59062	48.12	-0.010313
1.72012	81.8826	88.0381	784.448	1027.51	14.4741	6.58781	47.7748	-0.01125
1.72112	81.8826	88.0381	783.42	1026.41	14.4496	6.58219	47.7263	-0.018563
1.72212	81.6091	87.9013	784.605	1029.01	14.6045	6.58781	48.288	-0.012813
1.72312	81.6091	87.9013	784.791	1029.01	14.7513	6.58656	48.7121	-0.010825
1.72412	81.4724	88.0381	784.791	1030.38	14.7513	6.58219	48.288	-0.010825
1.72512	81.7458	87.7844	785.478	1031.06	14.7757	6.58594	48.6628	-0.010313
1.72612	81.6091	87.8278	784.791	1031.33	14.8817	6.58219	48.5148	-0.010938
1.72712	81.6091	87.9013	784.791	1032.63	14.9388	6.58156	48.5148	-0.010313
1.72812	81.6091	87.9013	783.877	1033.52	14.9143	6.58094	48.5148	-0.010625
1.72912	81.3358	87.9013	782.963	1033.93	14.9388	6.57937	48.5148	-0.011563
1.73012	81.6091	88.5855	782.735	1035.16	14.9143	6.57887	48.8108	-0.010313
1.73112	81.0822	88.4487	781.136	1034.88	14.898	6.57844	48.7121	-0.010313
1.73212	81.3358	87.9013	780.222	1034.34	14.8572	6.57408	48.4654	-0.012188
1.73312	81.7458	87.8278	779.765	1036.8	14.8206	6.55489	48.7615	-0.012188
1.73412	81.4724	87.9013	779.537	1037.07	14.8328	6.52908	49.2549	-0.011563
1.73512	81.8826	87.9013	778.737	1038.57	14.7839	6.50408	48.9095	-0.010625
1.73613	81.6091	87.9013	777.709	1037.89	14.6371	6.52344	49.1089	-0.011563
1.73713	80.7888	88.0381	777.586	1039.94	14.5597	6.57969	48.7121	-0.011563
1.73813	81.1989	88.175	777.252	1040.62	14.4863	6.58408	49.0578	-0.010625
1.73913	82.1561	88.175	776.567	1041.44	14.307	6.56408	49.2056	-0.010313
1.74013	81.6091	88.3118	776.339	1042.26	14.2091	6.55989	49.5017	-0.012813
1.74113	81.3358	88.0381	775.196	1043.08	14.0828	6.55908	49.3043	-0.010938
1.74213	81.4724	88.0381	775.425	1043.35	13.9279	6.55887	49.403	-0.010313
1.74313	81.3358	88.3118	773.826	1043.35	13.8058	6.55375	48.8902	-0.012813
1.74413	81.6091	88.175	773.597	1044.99	13.9187	6.55489	49.3043	-0.0125
1.74513	81.3358	87.9013	773.389	1046.08	14.2295	6.54938	50.0938	-0.010938
1.74613	81.6091	87.9013	772.113	1046.83	14.307	6.54719	49.5017	-0.011563
1.74713	80.9255	87.9013	771.541	1047.18	14.4458	6.54719	49.6003	-0.010313
1.74813	81.6091	88.175	770.858	1048.4	14.5719	6.54719	49.9951	-0.012188
1.74913	81.8826	88.4487	769.257	1048.81	14.6371	6.54408	49.8471	-0.011875
1.75013	81.7458	88.175	769.714	1050.86	14.7431	6.54281	49.899	-0.012188
1.75113	81.4724	88.175	768.343	1050.86	14.7879	6.54156	49.9951	-0.010938
1.75213	81.6091	87.9013	768.343	1053.19	14.8328	6.53969	50.0938	-0.010625
1.75313	80.9255	87.9013	767.43	1053.19	14.9184	6.53969	50.2912	-0.010313
1.75413	81.4724	88.175	766.059	1053.05	14.9021	6.53594	49.8964	-0.011875
1.75513	81.4724	88.0381	765.831	1055.37	14.9958	6.53531	50.3899	-0.011563
1.75613	81.3358	88.3118	765.488	1055.64	14.9225	6.53719	50.7848	-0.013438
1.75713	81.4724	88.0381	764.232	1056.74	14.9082	6.53489	50.2912	-0.012813
1.75813	81.4724	88.175	763.548	1056.87	14.9551	6.53687	50.8833	-0.009888
1.75913	81.3358	87.9013	761.947	1057.58	14.8572	6.51719	50.6872	-0.010625
1.76013	81.7458	87.9013	761.033	1058.38	14.792	6.48688	50.6869	-0.009888
1.76113	81.6091	88.175	759.891	1059.47	14.7839	6.48158	50.6869	-0.010313
1.76213	81.6091	88.175	758.749	1061.11	14.7227	6.47875	50.7848	-0.010938
1.76313	81.0822	87.9013	757.607	1061.93	14.2907	6.53625	50.4898	-0.01375
1.76413	81.6091	87.7844	756.35	1063.02	13.7322	6.51844	50.834	-0.010313
1.76513	81.6091	88.175	756.236	1063.7	13.9646	6.52094	50.8833	-0.007813
1.76613	81.8826	88.7224	753.952	1065.07	13.5774	6.61594	50.8833	-0.011563
1.76713	81.7458	88.4487	753.267	1065.81	13.6283	6.61594	51.4754	-0.010938

1.76813	81.7458	88.175	752.124	1088.84	13.9034	6.51094	50.982	-0.012813
1.76913	81.8091	88.0381	751.439	1087.39	13.7159	6.51219	51.2781	-0.009888
1.77013	81.3356	88.3118	750.868	1088.48	13.9116	6.50719	51.4261	-0.011563
1.77113	81.8091	88.0381	748.929	1088.48	13.9524	6.50156	51.5741	-0.01125
1.77213	81.8091	87.7644	748.013	1089.65	13.9034	6.50094	51.4754	-0.011563
1.77313	81.7458	88.8592	747.784	1070.39	14.0176	6.50082	51.5741	-0.010938
1.77413	81.3356	88.4487	748.756	1071.76	13.9605	6.49968	51.5741	-0.011563
1.77513	81.7458	88.175	745.957	1071.49	13.9727	6.49613	51.6728	-0.010313
1.77613	81.4724	88.175	744.929	1072.17	13.9609	6.49781	51.5741	-0.010313
1.77713	81.0622	88.0381	743.215	1073.4	13.9075	6.49469	51.6728	-0.012188
1.77813	81.8091	88.175	741.845	1075.04	13.9768	6.49469	52.2156	-0.010938
1.77913	81.8091	87.7644	741.845	1076.13	13.936	6.49344	51.8702	-0.010938
1.78013	82.1581	88.175	740.246	1077.5	13.8219	6.49375	51.6728	-0.011875
1.78113	81.3356	87.9013	738.969	1078.04	13.7875	6.48781	51.6235	-0.010625
1.78213	81.8091	88.0381	737.619	1078.73	13.7852	6.48906	51.9195	-0.012188
1.78313	81.8091	87.9013	736.933	1079	13.663	6.48469	51.8702	-0.01125
1.78413	81.8826	88.4487	735.677	1080.77	13.6018	6.47969	52.0676	-0.01125
1.78513	81.3356	88.175	734.308	1082.41	13.5325	6.47563	51.8702	-0.010313
1.78613	81.8091	88.0381	733.164	1081.46	13.3899	6.44781	52.0182	-0.010938
1.78713	81.4724	88.0381	732.593	1082.28	13.292	6.41906	52.1169	-0.010625
1.78813	81.7458	87.9013	729.968	1082.69	13.1534	6.39969	52.0182	-0.012188
1.78913	81.3356	88.175	729.852	1084.8	12.9904	6.46375	52.4823	-0.010313
1.79013	80.7888	88.175	728.367	1085.83	12.9333	6.46719	52.265	-0.011875
1.79113	81.8091	88.175	726.997	1086.96	12.8111	6.46219	52.4823	-0.01125
1.79213	81.8091	87.8276	725.989	1087.6	12.7418	6.46219	52.265	-0.01125
1.79313	81.8091	88.175	723.57	1088.56	12.7907	6.45594	52.4823	-0.011875
1.79413	81.3356	87.9013	722.885	1089.24	12.8928	6.45469	52.6597	-0.01125
1.79513	81.8091	88.175	721.057	1089.65	13.3613	6.45156	52.561	-0.010313
1.79613	81.3356	88.175	720.143	1092.52	13.2839	6.44906	52.6597	-0.011563
1.79713	81.4724	88.175	717.973	1091.43	13.4062	6.44281	52.8078	-0.011563
1.79813	81.0622	88.175	717.869	1092.25	13.557	6.44406	52.8078	-0.010313
1.79913	81.3356	87.9013	714.661	1092.25	13.6466	6.43806	52.9558	-0.013125
1.80013	81.0622	88.3118	713.976	1093.61	13.6752	6.43812	53.5479	-0.011563
1.80113	81.3356	87.9013	712.148	1094.71	13.7649	6.43844	53.1532	-0.010625
1.80213	81.3356	88.175	711.891	1095.8	13.7852	6.43281	53.3505	-0.010625
1.80313	81.3356	88.3118	710.092	1096.89	13.8178	6.42906	53.3505	-0.010938
1.80413	81.3356	88.175	708.838	1097.98	13.8688	6.42658	53.4492	-0.011563
1.80513	81.4724	87.9013	708.036	1098.53	13.8464	6.42344	53.1532	-0.01125
1.80613	81.3356	88.175	707.806	1100.17	13.8219	6.42156	53.4988	-0.012813
1.80713	80.9255	88.4487	707.579	1102.08	13.8056	6.41656	53.4492	-0.012188
1.80813	81.8091	87.9013	707.694	1102.35	13.8056	6.41562	53.6468	-0.010625
1.80913	81.7458	88.175	708.036	1103.45	13.7689	6.41281	53.7453	-0.010625
1.81013	81.0622	87.9013	707.579	1104.95	13.6752	6.41094	53.844	-0.012188
1.81113	81.8091	88.4487	708.493	1116.58	13.5529	6.40906	54.3868	-0.010313
1.81213	81.8091	87.8276	712.262	1119.58	13.4958	6.39969	54.1401	-0.0125
1.81313	81.3356	88.0381	713.29	1118.74	13.0393	6.38969	54.1401	-0.011563
1.81413	81.7458	87.9013	712.605	1118.47	13.0067	6.34781	54.4361	-0.010313
1.81513	81.8091	87.9013	712.833	1114.37	12.9496	6.32469	54.3868	-0.011563
1.81613	81.3356	88.175	712.148	1112.19	12.6969	6.35812	54.6829	-0.010313
1.81713	81.8091	87.3539	711.463	1112.73	12.8803	6.36406	64.6309	-0.01125
1.81813	81.0622	88.3118	711.891	1115.19	12.9089	6.37719	64.7815	-0.01125
1.81913	81.8091	88.3118	711.92	1116.15	13.0271	6.37969	64.6335	-0.011563

1.82013	81.0622	87.9013	712.833	1118.74	13.0882	6.37281	54.9789	-0.00676
1.82113	81.8091	88.175	711.691	1118.74	13.1168	6.38999	55.127	-0.011563
1.82213	81.3358	88.0381	711.691	1119.56	13.129	6.38489	55.5217	-0.011563
1.82313	81.4724	87.7644	712.605	1118.74	13.2148	6.36312	54.9286	-0.011563
1.82413	81.8091	88.175	713.519	1118.74	13.1657	6.36219	55.3243	-0.011876
1.82513	81.7458	88.175	713.978	1120.38	13.1371	6.35489	55.423	-0.01125
1.82613	81.8091	88.175	714.433	1121.48	13.1942	6.34844	55.1763	-0.010313
1.82713	81.3358	88.175	715.232	1122.98	13.2106	6.34687	55.3243	-0.010313
1.82813	81.4724	88.3118	715.346	1124.48	13.0984	6.34719	55.3737	-0.011563
1.82913	81.7458	88.4487	715.803	1125.3	13.129	6.34281	55.3243	-0.012813
1.83013	80.7888	88.175	716.032	1123.93	13.1208	6.33856	55.3243	-0.013125
1.83113	82.0193	88.3118	718.088	1124.75	12.9782	6.33312	55.127	-0.007188
1.83213	81.8091	88.175	717.174	1123.12	12.8089	6.32906	55.2256	-0.011683
1.83313	81.8091	88.4487	717.402	1127.08	12.9007	6.32719	55.2256	-0.008375
1.83413	81.3358	88.175	719.687	1128.12	12.8803	6.31989	55.0283	-0.010313
1.83513	81.7458	88.4487	721.514	1123.52	12.8881	6.31812	54.7322	-0.01125
1.83613	81.3358	88.4487	719.458	1124.07	12.8029	6.31781	54.7322	-0.01125
1.83713	81.3358	88.175	721.057	1123.88	12.701	6.31344	54.8309	-0.011683
1.83813	81.3358	87.9013	722.666	1124.89	12.8276	6.31219	54.6335	-0.010938
1.83913	81.8091	88.175	723.113	1122.88	12.5176	6.31084	54.7322	-0.011683
1.84013	81.7458	88.4487	722.428	1128.03	12.3219	6.30344	54.7815	-0.012813
1.84113	81.8091	87.9013	725.397	1122.57	12.2037	6.27781	54.7815	-0.010313
1.84213	81.8828	88.3118	725.397	1120.89	12.3219	6.25437	54.8829	-0.008583
1.84313	81.8091	88.5855	723.113	1117.11	12.3219	6.23489	54.7815	-0.011683
1.84413	81.8091	87.9013	723.57	1121.81	12.0856	6.2975	55.2256	-0.010938
1.84513	81.7458	88.175	728.024	1138.23	12.1783	6.29531	55.0283	-0.012188
1.84613	81.7458	88.4487	732.022	1122.02	12.6969	6.28719	55.5217	-0.0125
1.84713	81.3358	87.9013	728.311	1181.77	12.489	6.27989	55.8178	-0.013125
1.84813	81.4724	88.4487	740.474	1203.15	12.5176	6.27489	58.3112	-0.011683
1.84913	81.1989	88.0381	784.917	1181.85	12.88	6.27094	58.3608	-0.010938
1.85013	81.8091	88.175	750.888	1175.84	12.7703	6.28489	58.558	-0.010938
1.85113	81.4724	88.175	742.188	1150.57	12.7821	6.28312	58.1138	-0.011875
1.85213	81.8091	88.0381	744.129	1127.49	13.0393	6.25989	55.7884	-0.013438
1.85313	81.8091	88.5855	740.474	1128.44	12.8844	6.2525	55.5217	-0.008125
1.85413	81.3358	88.5855	738.418	1139.37	12.88	6.24989	55.127	-0.012188
1.85513	81.7458	87.9013	743.444	1150.88	13.0801	6.25219	55.2256	-0.012188
1.85613	81.3358	88.0381	748.528	1181.83	13.0189	6.25062	55.8204	-0.012188
1.85713	81.7458	88.3118	740.474	1190.72	12.9048	6.24844	55.9858	-0.010313
1.85813	81.3358	87.8276	748.185	1238.8	12.884	6.24719	58.1138	-0.012188
1.85913	81.3358	88.175	770.057	1183.27	12.9415	6.24489	58.3608	-0.010825
1.86013	81.7458	87.7644	748.642	1104.27	12.9883	6.23989	58.4099	-0.011563
1.86113	81.8091	88.0381	721.288	1110.82	12.8029	6.23584	58.5088	-0.010825
1.86213	81.8091	87.9013	744.358	1154.28	12.7051	6.23858	58.3608	-0.010313
1.86313	80.7888	87.9013	788.859	1185.32	12.8806	6.22989	58.4099	-0.012813
1.86413	81.3358	88.175	757.721	1191.54	12.8802	6.22844	58.2818	-0.010313
1.86513	81.3358	87.9013	755.551	1183.21	12.2628	6.22489	58.3112	-0.014083
1.86613	81.3358	88.3118	757.378	1188.32	12.1589	6.22281	58.0152	-0.012813
1.86713	81.3358	88.3118	750.525	1158.99	12.2119	6.21844	55.8178	-0.011563
1.86813	81.3358	88.175	748.299	1153.44	11.8817	6.20187	55.4724	-0.011875
1.86913	81.3358	88.175	782.176	1150.43	11.9795	6.17438	55.127	-0.012188
1.87013	81.3358	88.0381	773.826	1157.87	12.1428	6.14489	54.7815	-0.010313
1.87113	81.3358	88.4487	788.973	1172.83	12.2567	6.13489	54.7322	-0.011875

1.87213	81.8091	88.175	780.577	1174.47	12.3953	8.20594	54.7322	-0.011563
1.87313	81.3356	88.4487	783.775	1172.01	12.379	8.19719	54.5348	-0.011563
1.87413	81.7468	87.3539	784.117	1170.37	12.9953	8.19489	54.4381	-0.011875
1.87514	82.1561	88.5855	787.201	1187.23	12.5502	8.19187	54.3888	-0.010313
1.87614	81.8828	88.3118	771.77	1164.08	12.485	8.18844	54.5348	-0.010313
1.87714	81.8091	88.3118	774.511	1187.23	12.4442	8.18344	54.5842	-0.012813
1.87814	81.8091	87.9013	775.196	1172.01	12.6358	8.17988	54.5348	-0.011563
1.87914	81.7468	88.175	772.788	1173.38	12.595	8.17582	54.4381	-0.010838
1.88014	81.3356	88.175	770.628	1178.79	12.485	8.17406	54.6829	-0.010313
1.88114	81.4724	88.175	773.141	1178.57	12.5339	8.16858	54.8308	-0.010313
1.88214	81.3356	88.175	775.986	1178.43	12.5685	8.16313	54.9288	-0.011563
1.88314	81.8091	88.0381	778.91	1181.03	12.4524	8.15908	55.2258	-0.011875
1.88414	81.7458	88.3118	777.481	1182.94	12.4116	8.15469	55.5217	-0.011563
1.88514	81.8091	87.9013	778.188	1181.3	12.3749	8.15158	55.7191	-0.012188
1.88614	81.8091	88.3118	777.709	1182.12	12.3056	8.14687	56.0152	-0.01
1.88714	81.4724	88.4487	778.052	1182.12	12.2323	8.14375	56.3112	-0.011875
1.88814	81.3356	88.0381	778.385	1186.49	12.1915	8.13906	56.3112	-0.012188
1.88914	81.8091	88.3118	782.049	1185.67	12.1263	8.13719	56.3806	-0.012813
1.89014	81.3356	88.175	781.384	1187.58	12.0692	8.13312	56.4099	-0.010938
1.89114	81.0822	88.175	782.983	1184.71	11.9832	8.12989	56.9527	-0.010313
1.89214	81.8091	88.175	782.821	1187.31	11.8813	8.125	56.4099	-0.011563
1.89314	80.7888	88.4487	784.582	1187.04	11.841	8.12281	56.3806	-0.01125
1.89414	81.8091	88.175	785.019	1185.4	11.8208	8.11989	56.1832	-0.010825
1.89514	81.3356	88.175	786.504	1185.4	11.5719	8.11489	55.8671	-0.010838
1.89614	81.3356	88.3118	788.103	1184.85	11.4741	8.11158	55.8178	-0.012813
1.89714	81.3356	88.3118	789.131	1188.9	11.4048	8.08719	55.423	-0.010938
1.89814	81.4724	88.4487	790.958	1187.86	11.3681	8.05582	55.127	-0.012813
1.89914	81.4724	87.9013	783.014	1191.41	11.5719	8.03489	54.9789	-0.013438
1.90014	81.3356	88.4487	794.157	1192.5	11.629	8.05875	55.6204	-0.012188
1.90114	81.4724	88.4487	795.299	1204.65	11.8249	8.10989	55.127	-0.012813
1.90214	81.8091	87.7844	799.182	1199.05	11.735	8.08844	55.127	-0.011563
1.90314	81.3356	88.7224	797.583	1185.4	11.8854	8.08594	55.1763	-0.010313
1.90414	81.8091	88.0381	798.828	1185.81	11.9306	8.08344	55.2258	-0.010313
1.90514	81.8828	87.9013	798.383	1189.63	11.8888	8.08187	55.275	-0.010625
1.90614	81.8828	88.175	801.695	1200.15	11.9755	8.08187	55.6204	-0.011563
1.90714	80.7888	88.5855	801.581	1215.72	12.0366	8.07719	55.8671	-0.011875
1.90814	81.8091	88.7224	803.979	1253.14	12.0203	8.07489	56.4099	-0.008438
1.90914	81.8091	88.3118	812.888	1220.36	11.9582	8.06969	56.6588	-0.011563
1.91014	81.3356	87.3539	797.356	1187.45	11.9858	8.06612	56.9034	-0.011563
1.91114	81.8828	88.175	788.181	1214.83	12.0203	8.06219	57.1007	-0.010313
1.91214	81.3356	88.0381	811.175	1201.79	11.9489	8.05781	57.1007	-0.011563
1.91314	81.3356	88.3118	809.005	1203.84	11.9958	8.05969	56.9527	-0.0125
1.91414	81.4724	87.9013	795.984	1228.58	11.9958	8.05531	57.1007	-0.011563
1.91514	81.3356	88.3118	805.35	1224.48	11.9308	8.04969	57.1007	-0.012813
1.91614	81.3356	88.175	807.408	1214.22	11.7431	8.0475	57.4482	-0.012813
1.91714	81.3356	88.175	795.299	1223.37	11.7513	8.04844	57.5942	-0.011875
1.91814	81.1989	88.175	797.589	1215.89	11.6779	8.04531	57.4482	-0.0125
1.91914	81.3356	88.175	808.482	1202.88	11.5719	8.04219	57.5942	-0.013438
1.92014	81.3356	88.4487	808.081	1212.44	11.5067	8.03906	57.2981	-0.014083
1.92114	81.3356	87.9013	808.808	1220.29	11.4262	8.03813	57.2981	-0.0125
1.92214	81.8828	88.175	811.875	1216.54	11.3396	8.03469	57.3868	-0.012188
1.92314	81.0822	87.9013	813.918	1221.86	11.2907	8.03312	56.9034	-0.011563

1.92414	81.3358	87.9013	813.574	1229.84	10.9687	6.03344	57.1007	-0.010913
1.92514	81.3358	88.175	817.229	1213.4	10.8709	6.02688	56.7553	-0.010825
1.92614	81.8091	87.3539	819.513	1210.39	10.9075	5.99658	56.4099	-0.013438
1.92714	81.3358	88.175	818.599	1212.99	10.8016	5.97158	56.1632	-0.010313
1.92814	81.3358	87.4908	820.427	1211.48	10.7893	5.94937	56.2125	-0.010938
1.92914	81.4724	88.8592	820.769	1220.77	10.9198	5.98908	56.2125	-0.010913
1.93014	81.3358	88.4487	820.313	1222.41	10.9809	6.01158	56.1138	-0.011583
1.93114	81.3358	88.0381	820.884	1224.19	10.9524	5.99084	55.8178	-0.010938
1.93214	81.3358	88.3118	820.884	1223.09	11.0257	5.99437	56.3112	-0.01125
1.93314	81.3358	87.9013	821.797	1225.69	11.0787	5.98781	56.854	-0.009888
1.93414	81.8091	88.4487	823.168	1223.64	11.0624	5.98489	56.8047	-0.012188
1.93514	81.3358	87.4908	824.539	1222.27	11.0828	5.98489	56.706	-0.012813
1.93614	81.3358	87.9013	824.767	1223.6	11.0828	5.97594	57.1994	-0.011583
1.93714	81.8091	87.9013	825.462	1223.09	11.1786	5.97687	57.1994	-0.014063
1.93814	81.8091	88.175	826.252	1224.32	11.0828	5.97906	57.4482	-0.012188
1.93914	81.4724	87.3539	827.28	1229.85	11.1032	5.97489	57.2981	-0.01125
1.94014	81.8091	88.175	828.193	1230.06	11.1195	5.96989	57.4482	-0.011583
1.94114	81.8828	87.9013	829.584	1232.38	11.1317	5.96719	57.6929	-0.011583
1.94214	81.8091	88.175	828.993	1229.85	11.1032	5.96406	57.0021	-0.012188
1.94314	81.4724	87.9013	830.384	1228.56	11.1238	5.96406	57.4865	-0.01125
1.94414	81.8091	87.6276	831.277	1228.83	11.0991	5.95989	57.3475	-0.010825
1.94514	81.4724	88.4487	833.219	1230.2	11.1154	5.95489	57.1007	-0.010938
1.94614	81.3358	88.4487	834.133	1228.56	11.0747	5.96719	56.8047	-0.011583
1.94714	81.8091	88.175	834.59	1231.83	11.042	5.96094	56.6568	-0.012813
1.94814	81.8091	87.9013	834.59	1232.11	11.0298	5.94584	56.6568	-0.011583
1.94914	81.8091	88.4487	834.818	1239.76	11.0013	5.94582	56.1138	-0.012188
1.95014	81.1889	88.175	836.874	1249.04	10.9157	5.93989	55.9165	-0.013125
1.95114	81.1889	88.4487	838.245	1227.05	10.9188	5.93583	56.3608	-0.011583
1.95214	81.8091	88.175	833.219	1224.46	10.8484	5.93219	56.2125	-0.011583
1.95314	81.8091	88.175	837.102	1215.72	10.72	5.93281	55.8178	-0.014063
1.95414	81.0822	88.3118	841.671	1223.84	10.5774	5.93719	56.1138	-0.011875
1.95514	81.8828	87.9013	842.685	1225.96	10.5811	5.91344	56.558	-0.012813
1.95614	81.3358	88.175	840.998	1234.57	10.5407	5.88937	55.9165	-0.012188
1.95714	81.1889	88.4487	843.498	1252.05	10.5811	5.88989	55.8671	-0.010825
1.95814	81.8091	88.4487	846.468	1231.42	10.8752	5.85562	55.8178	-0.010313
1.95914	81.3358	88.0381	839.273	1267.24	10.8915	5.925	55.6204	-0.010313
1.96014	81.3358	88.0381	847.496	1245.22	10.7404	5.92594	55.5217	-0.012188
1.96114	81.8091	88.175	850.352	1221.45	10.773	5.91937	55.7884	-0.011583
1.96214	81.8091	88.4487	841.443	1221.45	10.8219	5.91469	55.9165	-0.012813
1.96314	81.3358	88.175	845.555	1230.2	10.8382	5.91281	56.1138	-0.012188
1.96414	81.3358	88.175	853.093	1233.06	10.7893	5.90719	55.7884	-0.012813
1.96514	81.7458	87.7644	848.753	1250.96	10.8953	5.90594	56.4099	-0.015313
1.96614	81.8091	87.9013	847.154	1257.24	10.9035	5.90281	56.8047	-0.011583
1.96714	81.3358	88.175	848.867	1237.3	10.9035	5.90594	56.4099	-0.012188
1.96814	81.8828	88.3118	846.44	1233.2	10.879	5.90562	56.8047	-0.011583
1.96914	81.1889	88.0381	845.783	1237.3	10.8827	5.89531	57.1007	-0.011875
1.97014	81.7458	88.4487	852.638	1236.48	10.8872	5.89313	56.706	-0.012813
1.97114	81.8828	88.4487	854.92	1231.29	10.8505	5.89489	56.706	-0.012188
1.97214	81.3358	87.9013	850.923	1228.1	10.8545	5.89281	56.0152	-0.011583
1.97314	81.8091	87.9013	848.552	1212.44	10.8586	5.88989	55.2258	-0.012188
1.97414	81.3358	87.9013	848.753	1200.01	10.8219	5.88989	54.2387	-0.011875
1.97514	81.3358	88.0381	848.925	1198.92	10.716	5.88344	52.8571	-0.01375

1.97814	81.7458	88.5855	851.38	1200.58	10.7241	5.88406	52.561	-0.012188
1.97714	81.8826	87.9013	854.484	1218.45	10.8915	5.88094	52.0676	-0.011875
1.97814	81.3358	88.0381	858.233	1218.18	10.8548	5.87887	51.0313	-0.011875
1.97914	81.3358	88.175	854.007	1209.98	10.5815	5.87594	50.7848	-0.010938
1.98014	80.9255	87.9013	851.037	1212.58	10.5122	5.87158	50.6366	-0.012188
1.98114	81.8091	88.3118	855.948	1211.89	10.5529	5.87125	50.6366	-0.012813
1.98214	81.3358	88.175	857.776	1228.37	10.4143	5.86858	51.13	-0.012188
1.98314	81.8091	88.3118	859.375	1228.56	10.2961	5.86594	51.2287	-0.0125
1.98414	81.7458	87.9013	857.882	1223.37	10.236	5.86838	51.6728	-0.012188
1.98514	81.3358	88.175	855.806	1209.16	10.1372	5.83489	52.0676	-0.012813
1.98614	81.8091	88.175	853.684	1201.79	10.0087	5.81094	51.8689	-0.011563
1.98714	81.0822	88.4487	853.321	1203.97	9.9945	5.78489	52.4823	-0.011875
1.98814	81.8091	88.175	858.461	1208.34	9.94988	5.78844	52.8084	-0.011563
1.98914	81.4724	88.3118	861.545	1218.18	9.75809	5.86344	52.8078	-0.013125
1.99014	81.3358	88.175	862.002	1228.84	9.83173	5.85219	52.7584	-0.0125
1.99114	81.8091	88.4487	861.545	1228.37	9.83173	5.85219	53.0545	-0.013125
1.99214	81.4724	88.175	860.403	1208.34	9.59097	5.85156	53.1532	-0.011563
1.99314	81.3358	88.175	857.882	1221.18	9.80727	5.84594	53.2519	-0.010625
1.99414	81.8826	88.4487	864.515	1224.32	9.68879	5.84375	53.4492	-0.012188
1.99514	81.8091	88.4487	868.913	1237.84	9.71325	5.84489	53.8456	-0.012813
1.99614	80.8521	88.5855	864.972	1236.61	9.89895	5.84887	53.992	-0.012188
1.99714	81.3358	88.3118	862.918	1216.81	9.89895	5.84281	54.2881	-0.010625
1.99814	81.1989	88.175	858.575	1206.18	9.75809	5.83938	54.5842	-0.013125
1.99914	81.3358	88.175	860.517	1197.14	9.74586	5.83594	55.0283	-0.014063
2.00014	81.0822	88.175	863.944	1205.34	9.78882	5.83312	54.7815	-0.011563
2.00114	81.1989	88.4487	867.028	1214.9	9.85591	5.79989	54.5348	-0.011563
2.00214	81.3358	88.175	868.388	1215.99	9.75809	5.75989	54.0414	-0.010313
2.00314	81.0822	88.4487	868.114	1207.11	9.81108	5.73438	53.3012	-0.010625
2.00414	81.1989	88.0381	861.088	1188.13	9.77847	5.71219	52.6587	-0.010313
2.00514	81.1989	88.7224	859.489	1177.47	9.79477	5.89888	51.8702	-0.012188
2.00614	81.4724	87.9013	861.774	1178.62	9.81108	5.88313	50.982	-0.012813
2.00714	81.3358	88.4487	865.885	1189.77	9.76809	5.87856	50.4896	-0.012188
2.00814	81.1989	88.175	869.54	1206.7	9.79885	5.88808	49.8964	-0.009063
2.00914	81.3358	88.7224	866.114	1205.75	9.82738	5.88344	49.6003	-0.012813
2.01014	81.1989	88.5855	859.718	1200.15	9.7907	5.87156	49.0082	-0.0125
2.01114	80.7888	88.0381	867.433	1186.76	9.75401	5.87594	48.4654	-0.010938
2.01214	81.1989	88.4487	868.119	1177.75	9.77847	5.88781	48.8828	-0.01125
2.01314	81.3358	87.3539	860.06	1176.79	9.89895	5.88156	48.3887	-0.012813
2.01415	81.0822	88.175	863.801	1179.8	9.64803	5.85937	48.12	-0.01125
2.01515	81.4724	88.7224	864.829	1181.44	9.58912	5.84858	48.3174	-0.011563
2.01615	80.7888	87.6278	862.459	1178.29	9.57487	5.82719	48.12	-0.012188
2.01715	81.3358	88.175	858.804	1123.52	9.5013	5.80888	48.2187	-0.012188
2.01815	81.8826	87.6278	839.387	1050.86	9.4157	5.59158	48.12	-0.011563
2.01915	81.3358	87.9013	829.336	1058.74	9.36271	5.84858	47.8239	-0.009063
2.02015	81.8091	88.3118	854.007	1018.22	9.28526	5.86219	47.2318	-0.012813
2.02115	81.3358	88.3118	853.321	1002.38	9.19967	5.88887	47.0638	-0.012188
2.02215	81.3358	88.175	840.988	1003.47	9.18298	5.88156	46.0989	-0.010313
2.02315	81.3358	88.175	848.41	1011.12	9.18298	5.85908	45.2087	-0.011875
2.02415	81.8091	87.9013	861.317	1030.79	9.33825	5.86219	44.5872	-0.010938
2.02515	81.1989	88.7224	866.114	1149.75	9.28934	5.88344	43.8764	-0.012813
2.02615	81.4724	88.7224	901.521	1245.49	9.3301	5.86858	43.531	-0.012813
2.02715	81.3358	88.175	918.654	1211.89	9.36879	5.88156	43.9257	-0.012813

2.02815	81.0822	88.5855	878.449	1189.63	9.41182	5.68094	44.0737	-0.010825
2.02915	81.3358	88.175	884.972	1164.8	9.42793	5.68781	45.0113	-0.012188
2.03015	81.3358	88.175	886.216	1120.11	9.45238	5.68313	46.3438	-0.012188
2.03115	81.1989	88.7224	887.13	1139.51	9.46054	5.68281	47.7253	-0.014083
2.03215	81.4724	87.8276	882.79	1168.73	9.5013	5.68344	49.3043	-0.010838
2.03315	80.7888	88.0381	882.333	1167.37	9.5176	5.68989	50.3888	-0.010825
2.03415	81.4724	87.9013	889.54	1164.36	9.60727	5.68583	51.1784	-0.01125
2.03515	81.3358	88.3118	850.123	1187.37	9.63581	5.68594	52.6897	-0.010838
2.03615	81.1989	88.3118	852.408	1164.09	9.68434	5.68719	53.3889	-0.013125
2.03715	81.3358	87.9013	870.228	1189.28	9.68879	5.68844	53.7453	-0.01125
2.03815	81.3358	88.175	875.251	1178.88	9.70918	5.67858	53.844	-0.0125
2.03915	81.3358	87.9013	868.855	1171.19	9.78882	5.67858	53.882	-0.01125
2.04015	81.0822	87.9013	863.829	1200.28	9.75401	5.68187	53.898	-0.013438
2.04115	81.4724	88.3118	888.398	1221.45	9.79477	5.67989	53.3889	-0.011563
2.04215	81.1989	88.4487	886.114	1233.75	9.8233	5.68375	53.2519	-0.012813
2.04315	81.1989	88.0381	864.286	1250.96	9.85591	5.68837	53.3889	-0.010838
2.04415	81.3358	88.175	871.482	1245.49	9.85999	5.68781	53.1038	-0.010825
2.04515	81.6091	87.4908	873.424	1231.02	9.89687	5.69094	53.2519	-0.0125
2.04615	81.1989	87.8276	886.571	1210.8	9.86814	5.68594	53.844	-0.012188
2.04715	81.3358	88.3118	859.261	1182.88	9.81923	5.64594	54.2881	-0.011563
2.04815	81.0822	88.7224	855.834	1159.88	9.82738	5.62858	54.9296	-0.013125
2.04915	81.0822	88.4487	855.808	1147.02	9.89895	5.62158	55.5217	-0.011563
2.05015	81.0822	88.175	855.149	1157.94	9.87249	5.68719	55.7884	-0.011875
2.05115	81.4724	87.9013	882.345	1187.88	9.88084	5.68887	55.7884	-0.0125
2.05215	81.0822	88.175	869.789	1198.51	9.54613	5.68781	55.3737	-0.010838
2.05315	81.6091	87.4908	895.2	1217.49	9.44018	5.68719	55.0283	-0.013125
2.05415	81.1989	88.175	884.857	1222.96	9.4157	5.68825	55.127	-0.012813
2.05515	81.1989	87.9013	889.789	1223.23	9.3138	5.68594	54.8309	-0.014083
2.05615	81.3358	87.9013	872.51	1225.55	9.23228	5.68844	55.127	-0.011875
2.05715	81.3358	88.0381	876.594	1223.09	9.18338	5.68844	55.3737	-0.011563
2.05815	81.6091	88.175	877.784	1218.18	9.10582	5.68719	55.7884	-0.012813
2.05915	81.6091	88.3118	878.185	1214.49	8.91434	5.68375	55.7884	-0.010838
2.06015	81.0822	88.3118	873.081	1211.07	8.72884	5.68887	55.7884	-0.011563
2.06115	81.3358	88.175	870.883	1222	8.8484	5.68513	55.9185	-0.010838
2.06215	81.6091	87.8276	876.185	1269.28	8.80049	5.68812	55.3243	-0.011875
2.06315	81.3358	88.175	885.758	1283.74	8.88978	5.68489	55.127	-0.010813
2.06415	81.6091	87.9013	878.908	1298.62	8.58828	5.69219	54.7322	-0.013438
2.06515	81.3358	88.4487	872.987	1283.74	8.52712	5.68719	55.0776	-0.012813
2.06615	81.3358	88.4487	869.789	1190.88	8.58418	5.69219	54.6335	-0.01375
2.06715	81.6091	88.0381	846.925	1133.91	8.56788	5.69158	55.1783	-0.012813
2.06815	81.6091	88.3118	846.24	1104.54	8.54342	5.69408	54.8309	-0.01375
2.06915	81.3358	88.8592	882.459	1050.18	8.5475	5.69219	54.8309	-0.010838
2.07015	81.1989	88.5855	851.037	1037.81	8.65347	5.69781	54.6335	-0.012813
2.07115	81.3358	88.4487	843.042	1084.38	8.5475	5.69582	54.1894	-0.010313
2.07215	81.3358	88.0381	861.317	1083.1	8.57195	5.69889	53.3505	-0.011563
2.07315	81.6091	88.175	868.398	1115.47	8.64532	5.695	52.413	-0.012813
2.07415	81.7458	88.175	868.17	1147.43	8.62902	5.70219	51.4754	-0.010838
2.07515	81.3358	88.3118	873.424	1141.14	8.59233	5.70094	50.7353	-0.011563
2.07615	81.0822	88.4487	880.505	1134.04	8.60674	5.69658	50.3889	-0.011875
2.07715	81.6091	88.175	878.908	1128.28	8.59841	5.67858	50.2418	-0.011563
2.07815	80.7888	88.3118	874.794	1113.55	8.57195	5.65344	49.561	-0.011563
2.07915	81.0822	88.4487	875.708	1105.09	8.53935	5.63594	49.8003	-0.012188

2.08015	81.3356	87.9013	874.336	1103.86	8.71054	5.82156	49.0082	-0.011563
2.08115	81.3356	88.175	869.789	1137.32	8.80458	5.89781	48.5148	-0.011875
2.08215	81.1989	88.4487	874.586	1162.18	8.58828	5.70281	48.4161	-0.012813
2.08315	81.3356	88.4487	875.023	1171.19	8.62902	5.69989	48.12	-0.011563
2.08415	81.1989	88.4487	867.028	1163.41	8.58011	5.69656	47.7748	-0.011875
2.08515	81.3356	88.175	861.545	1133.5	8.57803	5.70094	48.0213	-0.008688
2.08615	81.3356	88.175	860.174	1098.8	8.53835	5.6975	47.7748	-0.01125
2.08715	81.0622	88.3118	858.634	1070.12	8.44152	5.70094	48.4161	-0.011875
2.08815	81.1989	88.7224	854.464	1042.8	8.44152	5.69594	48.3667	-0.013438
2.08915	81.3356	88.175	853.864	1037.89	8.34389	5.69656	48.12	-0.012188
2.09015	81.0622	88.5855	860.86	1147.97	8.31109	5.69531	47.9228	-0.01125
2.09115	81.1989	87.8278	892.156	1187.88	8.38448	5.69187	47.4282	-0.012813
2.09215	81.1989	88.4487	882.904	1178.28	8.40484	5.69219	47.1331	-0.012813
2.09315	81.1989	88.3118	855.834	1179.25	8.20918	5.68844	47.1825	-0.010938
2.09415	81.0622	88.3118	865.771	1158.08	8.21326	5.68844	47.7253	-0.011875
2.09515	80.7888	88.175	877.992	1145.51	8.18065	5.68989	48.4854	-0.010625
2.09615	81.6091	88.175	873.195	1164.36	8.04614	5.68844	49.8471	-0.008125
2.09715	81.0622	87.4908	871.696	1173.92	7.985	5.68825	51.2781	-0.012188
2.09815	80.7888	88.175	873.424	1163.82	8.18027	5.69158	52.581	-0.011875
2.09915	81.1989	88.4487	857.89	1181.3	8.20103	5.68989	53.5479	-0.014375
2.10015	81.0622	88.3118	850.009	1235.25	8.19688	5.69375	53.7453	-0.011663
2.10115	81.0622	87.9013	867.941	1237.84	8.36815	5.69281	54.2387	-0.011875
2.10215	81.3356	87.9013	870.454	1254.1	8.44152	5.69094	54.5348	-0.011875
2.10315	81.4724	87.7644	862.23	1248.72	8.37223	5.68908	54.8288	-0.012813
2.10415	81.1989	88.7224	857.662	1213.81	8.40891	5.68781	55.0778	-0.013125
2.10515	80.9255	87.9013	854.235	1184.3	8.55685	5.69168	55.5217	-0.013125
2.10615	81.0622	87.9013	847.838	1160.27	8.51888	5.69219	55.8178	-0.012188
2.10715	81.3356	88.4487	847.811	1132.81	8.58973	5.69187	55.8871	-0.011563
2.10815	81.0622	88.0381	863.093	1155.35	8.55585	5.68489	55.8178	-0.013125
2.10915	81.4724	87.9013	869.944	1187.04	8.58233	5.68261	55.5711	-0.011563
2.11015	81.1989	88.175	868.885	1204.52	8.53119	5.64094	55.2256	-0.012188
2.11115	81.1989	88.7224	862.459	1228.58	8.63717	5.62582	54.9296	-0.01125
2.11215	81.1989	88.175	865.2	1233.75	8.72277	5.63281	55.0778	-0.012188
2.11315	81.4724	88.175	868.17	1231.83	8.63717	5.69989	55.1783	-0.013125
2.11415	80.5153	88.175	869.54	1230.2	8.68201	5.68858	55.423	-0.011563
2.11515	81.3356	88.3118	871.482	1222.14	8.70239	5.68812	55.9165	-0.010313
2.11615	81.1989	88.3118	872.967	1210.53	8.82087	5.68875	55.9165	-0.011563
2.11715	81.3356	87.8278	868.398	1209.44	8.82902	5.68844	55.8871	-0.012813
2.11815	81.3356	88.4487	865.857	1281.2	8.85755	5.68812	55.4724	-0.013125
2.11915	81.6091	88.4487	874.338	1278.27	8.82902	5.68594	54.7815	-0.011563
2.12015	81.1989	88.4487	871.482	1285.48	8.58011	5.68594	54.8829	-0.012813
2.12115	81.1989	88.3118	862.23	1289.2	8.48858	5.68344	54.3374	-0.012188
2.12215	80.7888	88.4487	860.86	1256.97	8.47413	5.67908	54.4381	-0.012188
2.12315	81.3356	88.175	857.662	1220.23	8.51489	5.68125	54.7815	-0.010938
2.12415	81.3356	88.175	851.494	1188.54	8.42522	5.67937	54.8309	-0.01125
2.12515	81.0622	88.3118	850.923	1157.4	8.41288	5.68094	54.9296	-0.011563
2.12615	81.1989	88.3118	851.494	1170.51	8.42522	5.67781	55.3737	-0.012188
2.12715	81.0622	88.175	860.974	1206.84	8.29071	5.68158	55.3737	-0.010938
2.12815	80.5153	88.3118	864.743	1222.14	8.23384	5.67989	55.3243	-0.010313
2.12915	80.9255	88.4487	860.631	1249.88	8.24587	5.68219	55.3243	-0.008375
2.13015	81.3356	88.0381	867.713	1257.79	8.11544	5.67908	55.2256	-0.011875
2.13115	80.7888	88.4487	871.139	1259.15	8.07467	5.67989	55.7191	-0.01125

2.13215	81.1088	88.175	870.883	1280.52	8.07875	5.88219	58.2125	-0.013125
2.13315	81.1088	88.3118	871.254	1255.74	8.02169	5.88319	58.8047	-0.012813
2.13415	81.0622	88.8592	871.598	1245.77	7.98055	5.88344	57.5448	-0.014063
2.13515	81.3356	88.175	867.941	1245.38	7.88718	5.88187	57.8409	-0.012813
2.13615	81.3356	88.3118	864.172	1295.78	7.7812	5.88844	58.1863	-0.011875
2.13715	81.3356	88.175	874.588	1319.88	7.5774	5.88858	58.3837	-0.012188
2.13815	81.8091	88.3118	875.251	1335.09	7.51825	5.88594	58.2357	-0.012188
2.13915	81.3356	88.4487	884.515	1335.91	7.47867	5.88594	58.3344	-0.013125
2.14015	80.9255	88.7224	882.23	1305.32	7.50403	5.88437	58.7291	-0.011583
2.14115	81.3356	88.3118	859.281	1269.39	7.30022	5.88908	58.9758	-0.013438
2.14215	81.3356	88.175	853.778	1238.12	7.41435	5.84344	59.588	-0.012188
2.14315	80.7888	88.0381	853.321	1204.52	7.46919	5.82719	80.8536	-0.011875
2.14415	80.9255	88.4487	854.578	1213.28	7.49587	5.83219	80.1601	-0.010625
2.14515	81.8091	88.175	861.545	1251.23	7.57332	5.88844	80.5549	-0.01125
2.14615	80.9255	88.175	868.799	1288.25	7.54071	5.87989	59.9827	-0.011875
2.14715	81.3356	87.9013	861.774	1295.07	7.51825	5.88844	59.9827	-0.012188
2.14815	81.1088	87.9013	868.458	1304.09	7.68745	5.88281	59.884	-0.011875
2.14915	80.2419	87.9013	871.598	1303.4	7.71588	5.88084	59.884	-0.011583
2.15015	81.0622	88.175	872.053	1309.85	7.55284	5.87908	60.3082	-0.011583
2.15115	80.7888	88.3118	873.424	1297.94	7.74451	5.87989	60.3082	-0.009375
2.15215	81.0622	87.9013	874.109	1284.89	7.83419	5.87584	60.5055	-0.015625
2.15315	81.0622	88.4487	870.588	1280.18	7.61816	5.87719	60.7523	-0.012188
2.15415	81.1088	88.175	865.429	1324.03	7.63448	5.88858	60.3575	-0.012188
2.15515	80.2419	88.3118	873.852	1335.09	7.97885	5.88858	59.8147	-0.010313
2.15615	81.1088	88.175	870.454	1280.24	7.98315	5.88858	59.588	-0.013125
2.15715	81.1088	87.9013	841.9	1285.16	7.98315	5.87844	58.7785	-0.012813
2.15815	81.3356	87.8278	858.291	1204.11	7.90758	5.88158	58.1863	-0.011875
2.15915	81.1088	87.9013	857.205	1183.85	7.88152	5.87989	57.9398	-0.011583
2.16015	80.8521	88.175	843.042	1233.81	7.72821	5.87989	57.5942	-0.010313
2.16115	81.1088	87.9013	870.883	1279.91	7.76082	5.87908	56.4099	-0.012813
2.16215	81.0622	88.0381	880.277	1248.77	7.85457	5.87719	55.9858	-0.013125
2.16315	80.9255	88.3118	848.24	1280.46	7.74859	5.87531	55.1783	-0.015313
2.16415	81.0622	88.175	852.293	1288.88	7.74044	5.87844	55.2258	-0.013438
2.16515	81.0622	88.3118	868.789	1255.19	7.72821	5.87908	56.0845	-0.011583
2.16615	80.9255	88.3118	868.17	1273.9	7.68152	5.87908	56.2125	-0.011875
2.16715	80.9255	88.175	866.799	1288.24	7.80585	5.88158	57.1501	-0.010625
2.16815	81.3356	87.9013	871.254	1270.21	7.78935	5.87989	57.5942	-0.012188
2.16915	81.4724	88.3118	885.2	1275.27	7.74044	5.87844	58.7291	-0.011583
2.17015	81.1088	88.175	852.408	1280.46	7.49587	5.87719	58.8772	-0.012813
2.17115	81.3356	88.3118	854.235	1273.08	7.28392	5.87908	59.2719	-0.014063
2.17215	81.0622	88.175	884.058	1318.79	7.38174	5.87989	59.1732	-0.011583
2.17315	81.0622	88.7224	872.738	1380.09	7.29207	5.88281	58.8798	-0.012188
2.17415	81.1088	88.8592	873.788	1358.94	7.10457	5.88844	57.9398	-0.010313
2.17515	81.1088	88.175	880.831	1358.31	7.2024	5.82313	58.2357	-0.010938
2.17615	81.3356	88.175	855.808	1335.91	7.09842	5.81344	58.3837	-0.010938
2.17715	81.8091	88.175	854.808	1301.9	7.07196	5.87858	57.8903	-0.010625
2.17815	81.0622	88.3118	852.408	1276.09	7.18164	5.87937	58.7785	-0.011583
2.17915	80.2419	88.4487	852.085	1246.59	6.94988	5.87084	58.7291	-0.01125
2.18015	80.7888	88.3118	854.808	1239.48	6.87224	5.87281	59.0745	-0.0125
2.18115	81.0622	88.4487	858.976	1279.23	6.8111	5.87344	59.1732	-0.013438
2.18215	81.8091	88.3118	868.804	1293.57	6.74588	5.87281	59.1239	-0.010938
2.18315	81.0622	88.0381	851.851	1319.52	6.74588	5.87158	59.1732	-0.01125

2.18416	81.0622	88.7224	854.121	1333.86	6.70919	5.66969	59.3706	-0.010938
2.18516	81.0622	88.4487	861.545	1333.18	6.61545	5.66908	59.1732	-0.01375
2.18616	80.7888	88.4487	861.068	1334.82	6.59507	5.66469	60.3575	-0.012813
2.18716	81.1989	88.175	862.459	1328.53	6.64398	5.66719	60.9496	-0.013125
2.18816	81.0622	87.9013	862.459	1317.88	6.76826	5.66344	60.9003	-0.013438
2.18916	81.3356	87.9013	859.832	1312.14	6.85186	5.66844	61.295	-0.012813
2.19016	80.8521	88.4487	855.035	1348.07	6.78664	5.66858	60.8509	-0.012813
2.19116	81.0622	88.4487	862.345	1388.49	6.79479	5.67219	60.7029	-0.010938
2.19216	81.3356	88.4487	869.789	1396.28	6.74588	5.66969	60.3575	-0.011563
2.19316	81.3356	88.4487	890.174	1405.02	6.76826	5.66969	60.0614	-0.012813
2.19416	80.8521	88.175	854.692	1378.68	6.8274	5.66908	60.3575	-0.011563
2.19516	81.1989	88.3118	854.349	1343.15	6.85186	5.66969	60.6042	-0.010938
2.19616	81.3356	88.3118	848.867	1308.32	6.80702	5.66781	60.5549	-0.014375
2.19716	80.9255	88.5855	845.555	1274.45	6.77034	5.66719	61.295	-0.013438
2.19816	81.0622	88.7224	846.24	1269.42	6.74588	5.66969	61.9859	-0.0125
2.19916	81.1989	88.5855	847.839	1299.99	6.83555	5.66875	61.147	-0.011875
2.20016	81.0622	87.9013	855.606	1316.24	6.90892	5.67158	60.8016	-0.012813
2.20116	81.3356	87.9013	849.686	1341.37	6.87224	5.66719	60.1601	-0.012188
2.20216	80.9255	88.4487	848.636	1355.85	6.8437	5.66812	59.9627	-0.012188
2.20316	80.9255	88.3118	854.484	1355.85	6.97414	5.66908	59.884	-0.010938
2.20416	80.9255	87.9013	854.806	1358.53	6.94561	5.66719	60.3082	-0.011563
2.20516	80.7888	87.9013	855.149	1352.3	6.92115	5.66821	60.7523	-0.014063
2.20616	81.1989	87.9013	856.52	1340.83	7.01082	5.63489	60.9496	-0.014888
2.20716	80.7888	88.0381	856.063	1333.32	6.94153	5.61781	61.295	-0.010313
2.20816	81.1989	87.7644	849.21	1352.18	6.98229	5.59812	60.8509	-0.01375
2.20916	81.0622	88.3118	851.951	1403.25	7.00675	5.60969	60.7523	-0.010313
2.21016	80.9255	88.175	882.918	1411.3	7.03936	5.68406	60.1901	-0.012188
2.21116	80.7888	88.0381	854.121	1424.28	7.05666	5.67094	59.9627	-0.011563
2.21216	81.3356	87.9013	846.011	1403.11	6.94153	5.66858	60.0121	-0.011563
2.21316	80.9255	88.5855	843.727	1367.87	7.07196	5.66219	60.1108	-0.012188
2.21416	80.7888	87.7644	839.958	1334.95	7.06974	5.66469	60.6042	-0.012813
2.21516	81.1989	88.0381	835.275	1300.95	7.02305	5.66219	61.147	-0.011875
2.21616	81.1989	88.4487	834.59	1278.27	7.13718	5.66158	61.5418	-0.013125
2.21716	80.7888	88.4487	834.818	1310.92	7.05158	5.65908	61.4431	-0.0125
2.21816	81.3356	88.175	842.242	1332.91	6.90892	5.65937	60.6536	-0.012813
2.21916	81.0622	88.4487	839.844	1355.71	6.94968	5.66094	60.6536	-0.011563
2.22016	81.0622	88.3118	836.189	1374.84	7.03936	5.65844	61.3444	-0.011563
2.22116	80.7888	88.175	842.585	1378.34	6.94968	5.65858	60.7523	-0.011875
2.22216	80.8521	88.4487	844.841	1378.61	6.92115	5.65582	61.295	-0.013125
2.22316	81.0622	88.4487	845.328	1375.52	6.94153	5.68406	61.5418	-0.011875
2.22416	80.9255	88.4487	847.154	1354.21	6.89262	5.68844	61.8365	-0.01375
2.22516	81.3356	88.7224	843.727	1278.91	6.85186	5.68858	62.3313	-0.012813
2.22616	80.7888	88.3118	824.31	1287.35	6.8111	5.68719	62.2819	-0.011563
2.22716	81.0622	88.5855	832.077	1282.84	6.80729	5.68969	61.3937	-0.010313
2.22816	81.1989	87.9013	846.24	1274.72	6.4361	5.68563	60.6042	-0.010313
2.22916	81.0622	88.3118	837.559	1384.05	6.4361	5.68719	59.1732	-0.01125
2.23016	80.2419	88.175	852.408	1446.54	6.39534	5.68858	58.137	-0.015313
2.23116	81.3356	87.9013	873.195	1397.1	6.37498	5.68683	57.7918	-0.012813
2.23216	80.7888	88.175	834.133	1374.02	6.32197	5.68469	57.5942	-0.01125
2.23316	81.1989	88.4487	822.026	1330.17	6.28121	5.68437	57.5942	-0.012188
2.23416	80.7888	88.175	841.443	1280.46	6.11409	5.68594	58.285	-0.011563
2.23516	81.0622	87.7644	837.559	1305.45	6.18338	5.68344	58.9758	-0.011875

2.23616	80.5153	88.3118	835.732	1343.01	6.1467	5.88687	59.4198	-0.010313
2.23716	80.8255	88.175	843.158	1335.84	6.12832	5.88408	59.8147	-0.011583
2.23816	80.9255	88.7224	831.848	1353.87	6.15077	5.85489	60.0614	-0.011875
2.23916	81.0822	88.7224	820.541	1360.77	6.11408	5.82781	60.1108	-0.012188
2.24016	81.0822	88.4487	824.853	1360.22	6.13447	5.80719	60.5549	-0.010313
2.24116	81.0822	88.175	834.133	1378.07	6.13855	5.58719	61.2457	-0.011875
2.24216	80.9255	88.175	842.128	1382.89	6.12224	5.82344	62.0352	-0.011583
2.24316	80.8521	88.3118	838.702	1366.23	6.12832	5.87844	61.6888	-0.012188
2.24416	81.0822	88.4487	832.881	1358.28	6.17523	5.86158	61.8859	-0.010825
2.24516	81.0822	87.9013	828.85	1397.24	6.1467	5.86344	61.5418	-0.010313
2.24616	80.7888	87.9013	838.587	1423.19	6.12832	5.85989	60.9496	-0.011583
2.24716	80.7888	88.7224	846.011	1439.71	6.14282	5.88187	60.4582	-0.011583
2.24816	81.0822	88.5855	837.788	1441.08	6.11408	5.88844	60.5055	-0.010313
2.24916	81.0822	87.9013	838.245	1408.03	6.12832	5.85858	60.8538	-0.011583
2.25016	80.9255	87.9013	834.133	1372.24	6.12224	5.85825	60.9496	-0.012813
2.25116	81.0822	88.5855	825.909	1398.87	6.13447	5.85858	61.7391	-0.008375
2.25216	80.7888	88.175	820.855	1305.59	6.14282	5.85219	62.2328	-0.012813
2.25316	80.9255	88.3118	820.855	1305.04	6.12832	5.85344	62.5287	-0.011875
2.25416	80.9255	88.175	823.853	1348.84	6.12832	5.85408	62.0848	-0.012188
2.25516	80.7888	88.175	830.021	1357.76	6.10594	5.85344	61.8872	-0.01375
2.25616	81.3356	88.4487	822.825	1380.88	6.0971	5.85408	61.5418	-0.011875
2.25716	80.5153	88.4487	823.282	1388.83	6.05702	5.85312	61.0977	-0.010838
2.25816	81.3356	87.8276	828.422	1389.45	6.08863	5.85219	61.5418	-0.0125
2.25916	80.7888	88.4487	828.308	1393.41	6.08518	5.85188	61.4824	-0.012813
2.26016	81.0822	88.4487	829.336	1389.18	6.0448	5.85408	61.9385	-0.012188
2.26116	81.7458	88.7224	831.734	1377.43	6.02848	5.85219	62.1338	-0.011583
2.26216	81.1889	88.3118	830.135	1370.8	6.02848	5.85594	62.3808	-0.008438
2.26316	80.7888	88.4487	824.31	1393	5.95512	5.85375	62.3313	-0.010313
2.26416	80.7888	88.3118	830.021	1439.17	5.98328	5.85719	61.8872	-0.013438
2.26516	81.0822	88.4487	844.527	1447.83	5.9582	5.85844	61.5418	-0.010313
2.26616	80.8521	88.175	838.473	1454.19	5.93474	5.86158	61.0483	-0.012188
2.26716	81.0822	88.3118	834.59	1424.89	5.93087	5.86094	61.147	-0.01125
2.26816	80.7888	88.3118	832.848	1389.18	5.84089	5.85719	60.9496	-0.011875
2.26916	81.3356	87.7844	826.709	1355.71	5.83882	5.85858	61.9385	-0.012188
2.27016	81.0822	88.175	820.427	1323.07	5.75132	5.85582	62.0352	-0.012813
2.27116	81.3356	88.175	818.589	1307.23	5.75132	5.8525	62.3313	-0.010838
2.27216	80.9255	88.175	817.914	1342.88	5.73502	5.82781	61.8872	-0.012188
2.27316	81.3356	87.7844	825.338	1383.5	5.71484	5.80858	61.7391	-0.008438
2.27416	81.0822	88.175	820.855	1383.17	5.6881	5.58989	61.0977	-0.014063
2.27516	81.0822	88.9981	818.201	1397.85	5.6898	5.81781	60.9496	-0.010313
2.27616	80.7888	88.175	822.028	1395.19	5.80458	5.88989	61.4431	-0.012188
2.27716	80.9255	88.3118	825.785	1397.1	5.57805	5.85219	61.5418	-0.011583
2.27816	81.0822	87.9013	827.508	1394.37	6.62308	5.85719	61.9385	-0.01126
2.27916	81.3356	87.8276	831.382	1388.04	5.4888	5.85488	62.3313	-0.013438
2.28016	80.8521	87.8276	832.077	1379.34	5.48192	5.85188	62.5287	-0.012813
2.28116	81.0822	88.3118	828.879	1384.53	5.41301	5.84988	62.5287	-0.012188
2.28216	81.4724	87.8276	827.28	1437.53	5.40893	5.85219	62.43	-0.012188
2.28316	80.9255	88.5855	841.443	1450.91	6.34779	5.85094	61.9385	-0.012813
2.28416	81.3356	88.5855	847.154	1459.24	5.31111	5.85125	61.8888	-0.010313
2.28516	80.9255	88.175	842.585	1443.26	5.25404	5.84844	61.8405	-0.012813
2.28616	81.1889	88.4487	838.844	1410.21	5.23774	5.84719	62.0352	-0.0125
2.28716	81.0822	88.4487	833.904	1377.98	5.20513	5.84781	62.3313	-0.012188

2.28818	80.7888	88.4487	826.48	1346.02	5.17252	5.84531	62.6767	-0.011563
2.28918	80.7888	87.9013	820.655	1319.79	5.13991	5.84844	63.0221	-0.011876
2.29018	81.3356	87.7644	816.543	1333.72	5.09507	5.85156	62.8247	-0.010825
2.29118	81.0622	88.4487	819.056	1369.51	5.08285	5.85219	62.8273	-0.011563
2.29217	81.3356	88.175	822.254	1382.07	4.99725	5.85489	62.0848	-0.012813
2.29317	80.7888	88.3118	814.944	1396.83	4.97687	5.85989	61.7391	-0.012813
2.29417	81.0622	88.4487	816.429	1325.8	4.9035	5.86937	61.5418	-0.010838
2.29517	80.6521	88.4487	803.865	1289.2	4.88312	5.86219	61.6405	-0.011563
2.29617	81.4724	87.7644	800.687	1275.81	4.91573	5.85844	61.3444	-0.014083
2.29717	80.9255	88.3118	815.744	1242.49	4.92786	5.85908	61.2457	-0.013125
2.29817	81.0622	88.175	809.919	1301.83	4.9198	5.86156	60.6055	-0.011583
2.29917	80.7888	88.0381	828.079	1407.07	4.9198	5.86094	59.568	-0.01125
2.30017	81.3356	88.3118	856.978	1424.69	4.89127	5.86094	59.6317	-0.011876
2.30117	81.3356	88.9981	841.329	1458.87	5.00133	5.85781	57.7916	-0.01375
2.30217	80.9255	88.4487	839.615	1423.87	5.04209	5.86094	57.8903	-0.012813
2.30317	81.1989	88.3118	845.897	1412.4	5.05431	5.85719	57.7916	-0.012813
2.30417	81.1989	88.5855	847.839	1401.06	5.04209	5.84856	58.7281	-0.0125
2.30517	81.0622	88.3118	845.783	1383.44	4.97687	5.82219	59.588	-0.011875
2.30617	80.7888	88.3118	838.359	1345.47	5.01355	5.80594	60.4058	-0.010313
2.30717	81.3356	88.5855	828.422	1312.14	5.07489	5.58938	60.9496	-0.013438
2.30817	81.0622	88.4487	811.748	1303.68	5.03393	5.81989	61.7391	-0.009688
2.30917	81.0622	88.175	802.152	1341.51	5.00133	5.88594	61.295	-0.012188
2.31017	81.0622	88.5855	814.944	1361.45	5.01763	5.85281	60.9003	-0.010313
2.31117	80.6521	88.175	819.399	1385.35	5.03393	5.85344	60.5549	-0.010838
2.31217	81.6091	87.9013	818.599	1391.91	5.05024	5.85094	60.7029	-0.0125
2.31317	81.3356	88.4487	821.569	1387.27	5.08285	5.84908	60.7523	-0.011563
2.31417	81.3356	88.4487	823.625	1390.27	5.02578	5.84781	61.0483	-0.011875
2.31517	80.9255	88.4487	828.193	1390	5.02578	5.85082	61.3444	-0.0125
2.31617	81.3356	88.4487	834.59	1384.87	5.01763	5.84594	61.8405	-0.010838
2.31717	81.1989	88.4487	838.702	1380.98	5.00133	5.84531	61.8872	-0.009688
2.31817	81.7458	87.9013	836.874	1386.76	4.99317	5.84469	61.7391	-0.012188
2.31917	81.1989	88.175	837.788	1436.43	5.01763	5.84582	61.5418	-0.012188
2.32017	81.1989	88.175	846.583	1444.83	5.03393	5.84531	61.4431	-0.011583
2.32117	81.1989	88.3118	845.783	1454.74	5.03393	5.84281	60.7523	-0.013438
2.32217	80.6521	88.175	843.499	1440.53	5.01763	5.84594	60.999	-0.011563
2.32317	81.3356	87.9013	843.27	1408.39	4.98502	5.84469	61.3937	-0.011563
2.32417	81.0622	88.3118	835.96	1377.98	5.0054	5.84219	61.8378	-0.012188
2.32517	80.9255	88.4487	828.65	1343.29	4.96872	5.84469	62.3313	-0.012813
2.32617	80.7888	88.3118	822.711	1318.15	4.9198	5.84594	62.4793	-0.012188
2.32717	81.0622	88.4487	819.068	1340.28	4.93611	5.84687	62.4793	-0.011563
2.32817	81.0622	88.175	823.511	1373.08	4.95241	5.84719	61.8365	-0.01
2.32917	81.0622	87.9013	827.737	1386.72	4.91573	5.84531	61.6898	-0.012813
2.33017	81.3356	88.4487	821.34	1401.08	4.87904	5.84656	61.8405	-0.012813
2.33117	81.0622	88.175	824.767	1400.65	4.84236	5.84719	61.8365	-0.0125
2.33217	81.0622	88.4487	829.107	1401.33	4.80567	5.84656	61.4431	-0.011875
2.33317	81.3356	88.4487	834.133	1405.43	4.82198	5.84594	62.1339	-0.010938
2.33417	81.1989	88.3118	840.986	1398.46	4.80567	5.84781	62.8273	-0.013438
2.33517	80.7888	88.3118	844.841	1391.91	4.82198	5.84719	62.8247	-0.011583
2.33617	81.3356	88.4487	843.613	1387.54	4.76899	5.84219	62.43	-0.012813
2.33717	80.5153	87.9013	839.844	1419.5	4.77307	5.82908	62.1832	-0.012813
2.33817	81.3356	88.3118	845.555	1452.55	4.72008	5.80719	61.7391	-0.010313
2.33917	80.7888	88.3118	854.92	1458.15	4.69155	5.58906	61.0877	-0.009688

2.34017	81.3358	88.5855	850.488	1459.85	4.85078	5.56719	80.4088	-0.01375
2.34117	81.1989	87.9013	850.123	1430.97	4.83856	5.58808	80.7523	-0.010825
2.34217	80.9255	88.175	846.925	1401.81	4.80187	5.65281	81.3444	-0.012189
2.34317	81.4724	87.7844	837.788	1370.74	4.58557	5.64084	81.6405	-0.011583
2.34417	81.1989	88.175	831.963	1339.46	4.56926	5.64468	82.1339	-0.011875
2.34517	81.0622	88.3118	827.622	1328.53	4.53885	5.63969	82.2326	-0.011583
2.34617	80.7888	87.7844	825.909	1368.42	4.5285	5.63937	82.2819	-0.011583
2.34717	81.1989	88.3118	833.219	1384.81	4.45821	5.63844	81.8378	-0.011583
2.34817	80.7888	88.3118	830.935	1402.02	4.41437	5.63719	81.3444	-0.013126
2.34917	80.9255	88.3118	828.183	1410.48	4.37789	5.63489	81.3444	-0.012813
2.35017	81.0622	88.5855	833.219	1408.85	4.34508	5.63489	81.3444	-0.012188
2.35117	80.9255	88.3118	837.788	1413.78	4.33285	5.63344	81.7391	-0.013438
2.35217	80.7888	88.175	843.727	1412.12	4.23503	5.63594	82.728	-0.010313
2.35317	81.0622	88.175	849.21	1403.65	4.15758	5.63281	83.1208	-0.011583
2.35417	80.7888	88.3118	850.352	1388.46	4.12905	5.63438	83.0714	-0.012813
2.35517	80.7888	87.9013	847.382	1404.47	4.10459	5.63531	83.1208	-0.011583
2.35617	81.0622	88.175	848.925	1454.74	4.10052	5.63438	82.728	-0.011583
2.35717	81.0622	88.4487	858.575	1466.82	4.11274	5.63489	81.9385	-0.0125
2.35817	81.0622	88.175	859.489	1477.55	4.03938	5.63887	81.9385	-0.011875
2.35917	81.0622	88.0381	857.433	1464.02	4.02307	5.63489	81.9385	-0.012188
2.36017	81.3358	88.5855	856.634	1431.79	4.01084	5.63438	82.1339	-0.011875
2.36117	81.0622	87.7844	848.981	1401.2	3.98601	5.64156	82.7754	-0.010938
2.36217	80.7888	88.4487	840.415	1388.23	3.88041	5.64856	82.728	-0.012188
2.36317	80.5153	88.4487	835.389	1298.57	3.94155	5.64937	83.4169	-0.012813
2.36417	81.3358	88.4487	816.772	1261.88	3.9334	5.64937	83.0221	-0.012813
2.36517	81.1989	88.3118	813.345	1277.73	3.94155	5.64969	82.43	-0.0125
2.36617	81.4724	88.7224	824.082	1258.8	3.94155	5.65188	81.8898	-0.011583
2.36717	81.0622	87.9013	814.373	1320.34	3.9334	5.64969	80.2588	-0.013438
2.36817	81.1989	88.175	828.65	1426.6	3.95785	5.64781	58.2719	-0.011583
2.36917	81.8091	87.9013	863.601	1414.72	3.92117	5.64937	58.7785	-0.011583
2.37017	81.1989	88.4487	847.499	1409.86	3.92117	5.64219	58.3344	-0.012813
2.37117	81.3358	87.9013	837.674	1392.46	3.92525	5.61844	58.7785	-0.011583
2.37217	81.0622	88.175	854.121	1379.82	3.90487	5.59489	59.718	-0.010938
2.37317	81.0622	88.175	860.403	1382.07	3.86818	5.57594	59.9134	-0.012813
2.37417	81.0622	88.175	854.121	1422.5	3.90079	5.68156	60.2588	-0.013438
2.37517	81.1989	88.4487	862.459	1449.82	3.87833	5.65489	60.9003	-0.011583
2.37617	81.3358	88.3118	868.571	1446.18	3.90487	5.64281	61.0483	-0.010938
2.37717	81.1989	88.4487	849.21	1454.05	3.88003	5.64856	61.3444	-0.011875
2.37817	81.1989	88.7224	840.528	1431.24	3.86818	5.63937	60.999	-0.0125
2.37917	81.3358	88.3118	846.753	1409.39	3.86818	5.63719	61.3444	-0.012813
2.38017	81.4724	87.6278	849.324	1391.91	3.85595	5.63781	61.9859	-0.011583
2.38117	81.3358	88.7224	843.613	1358.31	3.85188	5.63656	62.3313	-0.011875
2.38217	81.3358	87.9013	838.76	1333.18	3.83965	5.63844	62.5287	-0.012813
2.38317	80.7888	87.9013	831.848	1368.78	3.82334	5.63489	62.5287	-0.012813
2.38417	80.7888	87.6278	837.559	1385.9	3.77851	5.63219	61.9859	-0.012813
2.38517	81.3358	87.7844	838.158	1409.12	3.80286	5.63281	62.0362	-0.014375
2.38617	81.0622	88.5855	840.988	1421.98	3.79481	5.63489	62.0362	-0.013438
2.38717	81.0622	88.4487	848.524	1416.77	3.7622	5.63625	61.7391	-0.012813
2.38817	81.0622	88.3118	849.895	1419.84	3.76828	5.63719	62.2326	-0.011875
2.38917	81.1989	88.8592	849.666	1419.5	3.7459	5.63489	62.5287	-0.0125
2.39017	81.1989	88.4487	852.75	1411.3	3.73775	5.63531	63.0714	-0.012813
2.39117	81.3358	88.5855	853.321	1406.66	3.7459	5.63812	63.1701	-0.0125

2.39217	81.3356	88.7224	852.885	1407.75	3.71329	5.63594	63.2196	-0.011563
2.39317	81.0822	88.3118	852.885	1455.01	3.69889	5.63837	62.9234	-0.012188
2.39417	81.3356	88.5855	862.459	1471.4	3.67253	5.63844	62.5287	-0.010313
2.39517	81.1989	88.175	865.543	1482.19	3.64807	5.63719	61.5418	-0.014375
2.39617	81.0822	88.4487	862.116	1472.22	3.62982	5.63584	61.7391	-0.011563
2.39717	81.0822	88.3118	861.888	1442.17	3.63177	5.63908	62.5287	-0.011563
2.39817	81.0822	88.175	858.976	1413.76	3.63082	5.64125	62.4793	-0.011563
2.39917	81.0822	88.4487	848.638	1379.62	3.62769	5.64408	62.728	-0.012188
2.40017	80.7888	88.3118	844.841	1350.11	3.62769	5.64219	63.3182	-0.011875
2.40117	81.3356	88.3118	840.072	1356.4	3.61547	5.64594	63.3182	-0.012188
2.40217	81.0822	88.175	843.042	1384.91	3.5584	5.64531	63.0714	-0.012188
2.40317	81.1989	88.3118	848.763	1407.21	3.5421	5.64094	62.578	-0.013438
2.40417	81.1989	88.7224	843.042	1427.83	3.5421	5.62187	62.1339	-0.012813
2.40517	81.3356	88.3118	844.412	1427.68	3.5421	5.59908	61.8378	-0.011563
2.40617	81.3356	88.175	848.286	1423.32	3.48098	5.57969	61.5418	-0.015313
2.40717	81.1989	88.0381	852.179	1429.06	3.50949	5.58469	62.0352	-0.012188
2.40817	81.6091	87.9013	857.433	1423.06	3.47688	5.65469	63.2888	-0.013125
2.40917	81.1989	88.4487	881.431	1416.63	3.43612	5.64531	63.2195	-0.012813
2.41017	81.3356	88.7224	860.08	1412.94	3.43612	5.65188	63.2195	-0.011875
2.41117	80.9255	87.9013	858.119	1430.02	3.41188	5.64844	62.8247	-0.011563
2.41217	81.3356	88.4487	881.088	1477.55	3.41981	5.64719	62.3313	-0.011563
2.41317	81.6091	88.0381	872.167	1484.78	3.37905	5.64469	61.8378	-0.011583
2.41417	81.3356	88.175	889.789	1484.07	3.34845	5.64187	61.5418	-0.013125
2.41517	81.3356	88.175	888.855	1488.39	3.33829	5.64408	61.7391	-0.012188
2.41617	80.7888	88.175	887.258	1438.18	3.33014	5.63908	62.3313	-0.01125
2.41717	81.3356	88.3118	857.89	1403.85	3.27308	5.63408	62.3313	-0.013438
2.41817	80.9255	88.175	851.484	1373.74	3.28123	5.63261	63.3675	-0.011675
2.41917	81.7458	87.6276	847.839	1348.84	3.269	5.63594	63.8116	-0.013125
2.42017	81.3356	88.4487	844.984	1389.04	3.25677	5.63219	63.4189	-0.012188
2.42117	81.0822	88.0381	852.838	1410.48	3.21801	5.63094	63.1701	-0.012813
2.42217	81.3356	87.9013	852.293	1431.24	3.22009	5.63219	62.5287	-0.012813
2.42317	81.3356	88.4487	847.839	1442.99	3.20378	5.63719	62.6787	-0.011875
2.42417	81.0822	88.3118	851.837	1436.43	3.15079	5.63909	62.9234	-0.013125
2.42517	81.4724	88.3118	854.92	1439.99	3.15487	5.63875	63.1208	-0.011875
2.42617	81.1989	88.4487	858.489	1437.12	3.15895	5.64344	63.7129	-0.010625
2.42717	81.3356	88.4487	864.743	1428.38	3.12228	5.64469	64.2064	-0.01125
2.42817	81.3356	88.7224	868.17	1424.69	3.11819	5.64582	64.3051	-0.009063
2.42917	81.1989	88.5855	864.867	1428.51	3.07335	5.64408	64.3051	-0.011563
2.43017	81.6091	88.5855	863.715	1477.55	3.0815	5.65158	64.3051	-0.012813
2.43118	81.6091	88.4487	873.881	1507.32	3.06827	5.65438	63.5158	-0.013125
2.43218	81.4724	88.0381	879.82	1441.9	3.03886	5.65469	63.8142	-0.011875
2.43318	81.7458	87.9013	853.207	1401.2	3.01221	5.65344	63.3182	-0.012813
2.43418	81.1989	88.4487	848.638	1380.09	3.00408	5.65438	62.9234	-0.013438
2.43518	81.3356	88.175	855.149	1312.14	2.98775	5.65188	62.2326	-0.01125
2.43618	81.0822	88.3118	841.9	1338.48	2.98775	5.64408	62.0352	-0.011875
2.43718	81.1989	88.4487	851.951	1430.15	2.9633	5.61719	61.295	-0.012188
2.43818	81.3356	88.175	879.363	1413.08	2.93884	5.60281	61.147	-0.011563
2.43918	81.6091	88.4487	857.206	1422.5	2.90216	5.58344	60.4562	-0.013438
2.44018	81.3356	88.3118	842.242	1398.33	2.91846	5.61937	60.5549	-0.012813
2.44118	81.6091	88.4487	851.484	1371.83	2.86547	5.66094	61.147	-0.012813
2.44218	81.3356	88.4487	858.976	1388.17	2.83286	5.64908	61.0483	-0.012813
2.44318	81.4724	88.4487	863.144	1412.12	2.83286	5.65562	61.6405	-0.010938

2.44418	81.8091	87.7644	869.789	1418.13	2.7921	5.64844	62.1832	-0.011875
2.44518	81.3358	88.3118	869.54	1426.74	2.78357	5.65156	62.9728	-0.01125
2.44618	81.3358	88.3118	860.746	1428.79	2.75134	5.64875	63.6636	-0.011563
2.44718	81.3358	88.3118	853.778	1413.76	2.69835	5.64937	63.2688	-0.012188
2.44818	81.4724	88.4487	857.89	1412.4	2.70243	5.64719	62.726	-0.012188
2.44918	81.8826	88.7224	864.296	1455.83	2.66574	5.64594	61.8378	-0.011563
2.45018	81.8091	88.4487	875.594	1449.55	2.64844	5.64313	60.8536	-0.01125
2.45118	81.1989	88.175	867.713	1468.01	2.6046	5.64344	60.2588	-0.0125
2.45218	81.7458	88.8582	861.068	1453.51	2.59237	5.64168	60.2588	-0.011563
2.45318	81.1989	88.175	861.774	1437.39	2.58792	5.63989	60.5055	-0.012813
2.45418	81.3358	88.0381	859.261	1423.19	2.53531	5.64408	60.9003	-0.010625
2.45518	81.1989	88.175	858.461	1388.28	2.50878	5.63989	61.4431	-0.013438
2.45618	81.7458	88.0381	860.06	1364.32	2.48232	5.64187	61.8378	-0.012188
2.45718	81.3358	88.4487	857.862	1373.61	2.50678	5.64219	62.1339	-0.011563
2.45818	81.3358	88.3118	858.575	1388.48	2.46602	5.64594	61.6911	-0.012813
2.45918	81.3358	88.4487	860.631	1409.66	2.44156	5.64594	61.4824	-0.011563
2.46018	81.0822	88.5855	855.808	1432.08	2.40895	5.64906	60.9003	-0.010938
2.46118	81.3358	88.7224	859.261	1437.8	2.36004	5.64856	60.9496	-0.010825
2.46218	81.0822	88.175	862.459	1441.08	2.36004	5.65188	60.9003	-0.012813
2.46318	81.0822	88.3118	861.774	1446.27	2.32743	5.65219	62.43	-0.012188
2.46418	81.1989	88.3118	865.771	1437.66	2.30705	5.65469	62.578	-0.013125
2.46518	81.3358	87.9013	868.398	1428.39	2.29482	5.65531	63.1208	-0.014688
2.46618	81.6091	87.7644	867.37	1424.28	2.29482	5.65594	63.3675	-0.010313
2.46718	81.0822	88.3118	866.886	1456.38	2.25814	5.65844	62.8741	-0.013125
2.46818	81.3358	88.4487	873.424	1483.53	2.23368	5.64719	62.3313	-0.012813
2.46918	81.3358	88.7224	880.505	1503.22	2.197	5.62219	61.9385	-0.010825
2.47018	81.3358	88.4487	875.48	1507.73	2.18069	5.60344	61.5418	-0.010938
2.47118	81.4724	88.175	874.588	1477.68	2.13993	5.58625	61.7381	-0.012188
2.47218	81.6091	88.4487	871.939	1447.63	2.13178	5.59094	62.43	-0.009375
2.47318	81.6091	88.3118	863.715	1414.85	2.08287	5.68563	63.0221	-0.014083
2.47418	81.6091	88.175	860.403	1389.98	2.08287	5.64906	63.8118	-0.013438
2.47518	80.7888	88.175	868.119	1365.55	2.06858	5.65406	63.5158	-0.013125
2.47618	81.3358	88.4487	868.347	1404.81	2.03395	5.65082	63.1208	-0.011875
2.47718	81.3358	88.175	865.857	1420.73	2.01765	5.65489	62.43	-0.010825
2.47818	81.1989	88.175	862.459	1440.53	1.96466	5.64989	61.8378	-0.011875
2.47918	81.6091	88.175	858.804	1450.37	1.96912	5.64868	61.6898	-0.010625
2.48018	80.7888	88.175	862.459	1446.27	1.9402	5.64719	61.3444	-0.012188
2.48118	81.1989	88.4487	863.601	1449.27	1.9076	5.64719	61.8386	-0.011875
2.48218	81.1989	87.9013	867.028	1445.45	1.86276	5.64844	62.5267	-0.011563
2.48318	81.1989	88.175	871.482	1437.25	1.822	5.64437	62.9234	-0.011563
2.48418	81.0822	88.4487	872.51	1432.61	1.79754	5.64469	63.0714	-0.011875
2.48518	81.1989	88.3118	870.568	1433.98	1.76483	5.64344	63.2195	-0.012813
2.48618	81.3358	88.4487	871.139	1483.69	1.77309	5.64906	62.3313	-0.012813
2.48718	81.3358	88.175	862.219	1503.09	1.73233	5.64989	61.9385	-0.010313
2.48818	81.3358	88.3118	863.475	1516.47	1.77309	5.64937	61.0977	-0.012813
2.48918	81.4724	88.175	879.934	1503.22	1.72417	5.64719	60.7623	-0.013438
2.49018	81.1989	88.4487	879.363	1489.08	1.73233	5.64812	60.9496	-0.011875
2.49118	81.1989	88.4487	872.51	1436.86	1.67118	5.64887	61.6898	-0.011563
2.49218	81.3358	88.3118	865.2	1403.86	1.66303	5.64887	62.2326	-0.011875
2.49318	81.3358	88.3118	861.774	1374.15	1.62227	5.64668	62.4793	-0.012188
2.49418	81.1989	88.5855	860.86	1380.71	1.59374	5.64989	62.726	-0.007813
2.49518	81.0822	87.9013	862.345	1420.32	1.57744	5.65094	62.1339	-0.013125

2.49618	81.3358	88.0381	888.798	1432.2	1.58161	5.84719	61.9385	-0.011875
2.49718	81.4724	87.8278	880.831	1453.1	1.56706	5.84989	61.4431	-0.013125
2.49818	81.3358	88.175	882.002	1455.01	1.5328	5.84989	61.0977	-0.012813
2.49918	81.8091	87.9013	888.342	1452.56	1.52445	5.85408	61.147	-0.012188
2.50018	81.3358	88.3118	867.941	1454.18	1.48738	5.84844	61.7391	-0.012813
2.50118	81.3358	88.175	872.738	1394.08	1.47146	5.82719	62.3313	-0.012813
2.50218	81.3358	88.4487	861.088	1346.58	1.37771	5.80344	62.8273	-0.011583
2.50318	81.3358	88.3118	858.748	1337	1.34918	5.58489	62.5287	-0.012813
2.50418	81.7458	88.3118	888.114	1318.02	1.3288	5.57989	62.0352	-0.010838
2.50518	81.1989	88.4487	882.459	1358.31	1.31857	5.85584	60.9496	-0.008375
2.50618	81.8091	88.3118	887.028	1367.05	1.29211	5.85344	59.884	-0.011875
2.50718	81.3358	88.5855	888.398	1380.57	1.33287	5.84719	59.0745	-0.011875
2.50818	81.7458	87.7644	888.114	1387.4	1.27581	5.84937	58.137	-0.012188
2.50918	80.7888	88.175	889.789	1471.13	1.27173	5.84989	57.9889	-0.01125
2.51018	81.4724	88.4487	881.889	1471.13	1.21874	5.84844	57.9889	-0.010838
2.51118	81.8828	87.8278	883.818	1421.14	1.21467	5.84344	57.9889	-0.012813
2.51218	81.8091	88.7224	867.776	1389.59	1.21467	5.84594	58.8796	-0.010313
2.51318	81.8091	87.9013	867.028	1366.37	1.1576	5.84594	58.8772	-0.012813
2.51418	80.7888	87.9013	870.883	1383.58	1.10481	5.84844	59.3706	-0.011583
2.51518	81.3358	88.7224	867.599	1408.3	1.10481	5.84594	59.4883	-0.014375
2.51618	81.3358	88.3118	867.599	1421.96	1.05978	5.84582	59.718	-0.008083
2.51718	81.3358	88.175	870.883	1408.03	1.0394	5.84344	59.6887	-0.014888
2.51818	81.3358	88.3118	881.317	1408.57	1.01086	5.84219	59.8134	-0.012813
2.51918	81.0622	88.5855	855.834	1397.92	1.00679	5.84719	59.7854	-0.01375
2.52018	81.3358	88.4487	881.774	1385.78	0.974178	5.84531	59.5186	-0.011583
2.52118	81.3358	88.3118	870.454	1388.08	0.953798	5.84594	59.4883	-0.010838
2.52218	81.8828	88.5855	889.789	1398.01	0.945848	5.84158	59.2719	-0.011875
2.52318	81.7458	88.3118	870.883	1447.5	0.933418	5.84887	59.1239	-0.011875
2.52418	81.8828	88.4487	880.277	1488.61	0.884125	5.84856	59.3706	-0.011583
2.52518	81.3358	88.175	882.447	1509.92	0.855973	5.84719	59.588	-0.012813
2.52618	81.8091	88.7224	874.588	1505.27	0.819288	5.84489	59.7854	-0.012813
2.52718	81.3358	88.4487	878.508	1472.77	0.790756	5.84719	60.1801	-0.00875
2.52818	81.8091	88.4487	878.051	1433.43	0.778527	5.84719	60.8018	-0.013438
2.52918	81.4724	87.8278	888.827	1396.28	0.729815	5.85219	61.8405	-0.010313
2.53018	81.4724	88.3118	884.515	1386.23	0.733891	5.85188	61.4431	-0.012813
2.53118	80.9255	88.4487	881.859	1385.89	0.705158	5.85408	61.2457	-0.012188
2.53218	81.4724	88.3118	883.801	1409.86	0.684398	5.85858	61.5418	-0.010838
2.53318	81.3358	88.175	887.256	1427.97	0.656248	5.84158	61.0977	-0.011583
2.53418	81.3358	88.4487	882.459	1449.98	0.644017	5.81825	60.7523	-0.010838
2.53518	81.0622	88.3118	884.172	1452.82	0.607333	5.59531	60.4582	-0.012188
2.53618	81.3358	88.4487	887.484	1447.36	0.591029	5.58375	60.7523	-0.012188
2.53718	81.3358	88.7224	888.512	1446	0.588572	5.83781	60.7523	-0.011583
2.53818	80.9255	88.3118	872.282	1439.17	0.542116	5.85908	61.147	-0.012188
2.53918	81.3358	88.175	875.023	1432.75	0.550288	5.84908	61.3444	-0.014375
2.54018	81.1989	88.3118	874.588	1429.08	0.51768	5.84989	61.4824	-0.011583
2.54118	82.1561	87.9013	870.883	1445.45	0.485051	5.84989	61.147	-0.011875
2.54218	81.4724	88.3118	873.881	1497.82	0.485051	5.84989	60.5055	-0.011583
2.54318	81.3358	88.3118	885.302	1508.89	0.452443	5.84989	59.7854	-0.011875
2.54418	81.1989	88.4487	881.847	1520.43	0.452443	5.84531	59.4199	-0.011583
2.54518	81.3358	88.4487	880.277	1494.07	0.476899	5.84489	59.2719	-0.010838
2.54618	81.8091	88.4487	878.908	1457.47	0.419834	5.84084	59.8173	-0.011583
2.54718	80.8521	88.4487	871.598	1425.23	0.40353	5.84187	60.1801	-0.011875

2.54818	81.8091	88.8592	888.342	1389.72	0.387228	5.84125	60.5055	-0.010938
2.54918	82.0193	88.3118	885.086	1367.6	0.362769	5.84156	60.9003	-0.010313
2.55018	81.8091	88.175	884.515	1397.24	0.362769	5.83989	60.9003	-0.012188
2.55118	81.3356	88.175	889.855	1423.05	0.330181	5.84489	60.7029	-0.010938
2.55218	81.3356	88.3118	889.789	1439.99	0.338313	5.84489	60.2588	-0.012188
2.55318	81.3356	88.3118	885.2	1456.79	0.322008	5.84584	58.5186	-0.011563
2.55418	81.8091	88.175	889.198	1453.64	0.322008	5.84812	59.3708	-0.01125
2.55518	81.3356	88.4487	872.167	1453.64	0.2894	5.84489	59.884	-0.012188
2.55618	81.3356	88.3118	875.708	1464.19	0.317933	5.84812	60.1801	-0.012813
2.55718	81.7458	87.8278	880.048	1444.63	0.281248	5.84844	60.9498	-0.012188
2.55818	81.8091	88.175	880.734	1440.4	0.240488	5.85094	61.5418	-0.0125
2.55918	81.8091	87.7844	877.878	1438.21	0.203803	5.84989	61.3937	-0.010313
2.56018	80.8255	88.175	874.794	1477.96	0.191575	5.85489	60.7523	-0.010313
2.56118	81.4724	88.175	883.247	1510.87	0.179347	5.85408	59.716	-0.012813
2.56218	81.3356	88.4487	888.044	1523.03	0.175271	5.85594	59.1732	-0.012813
2.56318	81.4724	88.4487	883.247	1521.8	0.175271	5.85781	59.7854	-0.010938
2.56418	81.3356	88.4487	882.79	1488.06	0.171195	5.85719	59.3708	-0.013438
2.56518	81.8828	88.0381	879.136	1453.37	0.142682	5.83844	60.0614	-0.0125
2.56618	81.3356	88.4487	871.368	1421.14	0.13451	5.81719	60.7523	-0.011875
2.56718	81.8828	88.8592	888.284	1388.9	0.101902	5.80344	81.147	-0.012188
2.56818	81.8091	88.8592	888.114	1380.98	0.048913	5.58844	61.4431	-0.012813
2.56918	81.4724	88.175	887.37	1421.82	0.02038	5.88489	61.147	-0.011563
2.57018	81.0822	88.3118	873.31	1387.54	0.02038	5.88437	60.7029	-0.013125
2.57118	81.3356	88.4487	858.233	1383.09	-0.004076	5.87875	60.1108	-0.011563
2.57218	81.8828	87.9013	854.121	1381.31	-0.02038	5.89219	59.3213	-0.012188
2.57318	81.3356	88.4487	888.388	1330.45	-0.004076	5.88719	58.8772	-0.010938
2.57418	81.7458	88.4487	885.857	1340.55	-0.004076	5.89094	59.2228	-0.01125
2.57518	81.8828	88.3118	888.388	1349.57	-0.004076	5.88989	58.6304	-0.013125
2.57618	81.3356	88.4487	879.135	1362.03	-0.004076	5.88844	58.3837	-0.010913
2.57718	81.8828	88.4487	879.135	1378.8	0.024458	5.88594	57.9889	-0.01125
2.57818	81.3356	88.5855	878.878	1470.03	0.024458	5.88594	57.4462	-0.01125
2.57918	81.3356	88.5855	899.009	1525.49	-0.012228	5.88344	58.706	-0.011875
2.58018	81.8091	88.4487	905.082	1520.3	-0.012228	5.88219	58.2125	-0.012188
2.58118	81.3356	88.9361	884.046	1493.8	-0.008152	5.87844	58.1632	-0.012188
2.58218	81.3356	87.7844	880.734	1456.82	-0.012228	5.88437	58.1138	-0.009889
2.58318	81.7458	88.175	881.191	1428.79	-0.036685	5.88531	58.6073	-0.015
2.58418	81.8091	88.8592	875.708	1423.05	-0.006152	5.89219	57.7918	-0.012813
2.58518	81.3356	88.5855	870.225	1408.11	-0.032809	5.89281	58.5798	-0.011563
2.58618	81.8828	88.3118	889.198	1378.11	-0.016304	5.89489	58.5811	-0.013438
2.58718	81.8091	88.4487	859.946	1381.31	-0.004076	5.89582	58.285	-0.013438
2.58818	81.7458	88.4487	851.722	1349.02	-0.004076	5.89408	57.3475	-0.011875
2.58918	81.3356	88.8592	856.834	1384.59	0.02038	5.89312	58.558	-0.013438
2.59018	81.8091	88.4487	867.028	1373.88	-0.02038	5.89489	55.8671	-0.011875
2.59118	81.8091	88.4487	871.586	1397.78	-0.004076	5.89719	55.5217	-0.010938
2.59218	81.7458	88.0381	874.223	1412.4	-0.012228	5.89812	55.3243	-0.011563
2.59318	81.8091	88.175	877.992	1427.83	-0.016304	5.89844	55.7191	-0.013438
2.59418	81.1989	88.175	879.592	1438.21	-0.040761	5.89781	56.0152	-0.014063
2.59518	81.1989	88.4487	880.505	1435.07	-0.02038	5.89719	57.1501	-0.012813
2.59618	81.8091	88.175	882.104	1427.42	-0.02038	5.87489	57.8408	-0.012188
2.59718	81.3356	88.4487	884.16	1415.67	-0.016304	5.85856	57.3475	-0.012188
2.59818	81.7458	87.7844	882.904	1409.8	-0.004076	5.84094	57.5942	-0.011875
2.59918	81.7458	88.5855	878.908	1409.8	-0.004076	5.82408	57.0514	-0.011875

2.60019	82.1561	88.175	875.937	1410.78	0.032609	5.69281	56.3112	-0.013438
2.60119	81.3358	88.5855	872.967	1424.69	-0.004076	5.70219	56.2126	-0.013125
2.60219	81.3358	87.7844	874.338	1485.94	-0.004076	5.69844	55.7884	-0.012188
2.60319	81.6091	88.175	880.277	1489.49	-0.004076	5.69937	55.2258	-0.011875
2.60419	81.6091	87.9013	876.051	1481.37	-0.008152	5.69812	54.8798	-0.011875
2.60519	81.6091	88.3118	873.424	1470.58	-0.068293	5.69312	54.3374	-0.011875
2.60619	81.8828	88.175	873.861	1453.37	-0.02038	5.69468	54.8296	-0.014063
2.60719	81.8828	88.3118	872.51	1441.62	-0.004076	5.69469	55.2258	-0.011563
2.60819	81.4724	88.3118	872.053	1424.68	-0.004076	5.69469	55.2258	-0.011875
2.60919	81.7458	88.3118	873.186	1413.22	-0.004076	5.69812	55.1783	-0.010938
2.61019	81.0622	88.175	873.081	1406.8	-0.004076	5.69869	55.127	-0.011563
2.61119	81.8828	88.3118	872.282	1406.11	-0.004076	5.69158	54.9298	-0.011563
2.61219	81.3358	88.0381	871.939	1405.02	-0.024458	5.69084	54.9789	-0.012813
2.61319	81.6091	88.4487	872.396	1405.02	-0.004076	5.69084	54.4856	-0.010938
2.61419	81.3358	87.7844	874.338	1408.85	-0.02038	5.69187	53.992	-0.015313
2.61519	81.0622	88.175	875.48	1418.68	-0.004076	5.69344	53.8468	-0.011563
2.61619	81.6091	88.3118	877.982	1414.31	-0.044837	5.69094	52.9558	-0.012188
2.61719	82.1561	88.0381	876.165	1414.85	-0.004076	5.69158	52.8571	-0.014063
2.61819	81.7458	88.175	875.937	1409.86	-0.004076	5.69469	52.7584	-0.013438
2.61919	81.6091	88.175	876.85	1410.21	-0.004076	5.69469	52.265	-0.012813
2.62019	81.1989	88.4487	876.051	1416.49	-0.004076	5.70281	52.413	-0.012188
2.62119	81.8828	88.5855	876.165	1422.23	-0.004076	5.69844	52.3636	-0.012813
2.62219	80.7888	88.175	876.738	1424.55	-0.004076	5.69781	52.3636	-0.011563
2.62319	81.6091	87.9013	873.652	1422.5	-0.004076	5.69869	52.5104	-0.011875
2.62419	81.7458	88.0381	870.911	1418.13	-0.004076	5.70344	52.3636	-0.011875
2.62519	81.7458	88.3118	868.398	1413.08	-0.004076	5.70219	52.4623	-0.01125
2.62619	81.3358	88.4487	868.571	1412.4	0.028532	5.70084	52.3636	-0.012188
2.62719	81.8828	87.9013	865.2	1412.12	-0.044837	5.67719	51.8728	-0.013125
2.62819	82.1561	88.175	864.515	1415.95	-0.004076	5.65806	52.0676	-0.013125
2.62919	81.8828	88.4487	863.373	1417.04	-0.004076	5.69869	52.1663	-0.0125
2.63019	81.7458	87.9013	861.774	1415.81	-0.004076	5.62906	51.5741	-0.012813
2.63119	82.1561	88.4487	860.631	1412.81	-0.004076	5.70719	51.3768	-0.010825
2.63219	81.6091	87.6278	860.174	1410.78	-0.004076	5.70344	50.8833	-0.013438
2.63319	81.6091	88.3118	860.174	1406.39	-0.004076	5.70187	50.8833	-0.011563
2.63419	81.8828	88.4487	859.803	1403.93	0.024458	5.70062	50.2912	-0.012813
2.63519	81.7458	88.3118	859.946	1411.3	-0.024458	5.69844	50.6368	-0.0125
2.63619	82.0193	87.9013	861.317	1434.39	-0.004076	5.69869	50.2912	-0.0125
2.63719	81.6091	88.4487	863.829	1438.02	-0.004076	5.69844	50.0444	-0.010938
2.63819	81.7458	88.4487	860.06	1441.78	-0.044837	5.70094	49.4523	-0.01375
2.63919	81.6091	87.6278	860.631	1413.22	-0.004076	5.70437	49.4523	-0.01375
2.64019	81.3358	88.175	858.405	1356.53	-0.004076	5.70156	49.9951	-0.01125
2.64119	81.6091	87.7844	848.753	1349.7	0.02038	5.70094	49.3636	-0.011563
2.64219	81.3358	88.3118	857.778	1316.11	0.02038	5.70469	49.1089	-0.0125
2.64319	81.7458	88.3118	856.862	1308.27	-0.004076	5.70156	48.9095	-0.010313
2.64419	81.8828	87.7844	851.837	1298.78	0.048913	5.70156	48.3667	-0.011563
2.64519	81.7458	88.4487	854.808	1294.68	-0.004076	5.70187	47.7253	-0.012813
2.64619	81.8828	88.4487	856.063	1313.78	-0.004076	5.70156	47.2318	-0.011875
2.64719	81.7458	87.7844	860.517	1388.72	-0.004076	5.70219	46.837	-0.012188
2.64819	81.8828	88.175	874.784	1406.8	-0.004076	5.70344	46.2449	-0.013125
2.64919	82.1561	88.175	871.598	1390.27	-0.012228	5.70344	45.8502	-0.012813
2.65019	81.7458	88.8592	860.289	1375.79	-0.016304	5.70719	45.8502	-0.014063
2.65119	81.8828	88.0381	868.342	1340.83	0.024458	5.71219	46.1462	-0.012813

2.85219	82.0193	88.5855	888.114	1330.89	-0.004078	5.71594	45.9982	-0.012188
2.85319	81.7458	88.175	883.373	1340.28	-0.004076	5.71781	45.8008	-0.012188
2.85419	81.4724	88.3118	886.799	1347.11	-0.004076	5.71969	45.9982	-0.011583
2.85519	81.7458	88.3118	888.114	1348.2	-0.004076	5.71719	45.9982	-0.0125
2.85619	81.7458	87.7844	858.489	1348.07	0.02038	5.71844	45.7515	-0.012813
2.85719	81.8091	87.7844	854.692	1329.9	-0.004076	5.71187	45.258	-0.011875
2.85819	81.8826	88.4487	855.149	1312.14	-0.004076	5.68594	44.9619	-0.012813
2.85919	81.7458	88.175	858.804	1302.86	-0.004076	5.68489	44.5872	-0.012188
2.86019	82.2928	88.3118	859.261	1304.36	-0.028532	5.64531	44.3698	-0.009375
2.86119	81.8826	88.3118	861.317	1315.97	-0.024456	5.66156	44.1231	-0.011583
2.86219	81.7458	88.3118	862.459	1332.63	-0.004076	5.72531	44.5872	-0.012188
2.86319	82.0193	88.3118	861.317	1339.32	-0.004076	5.70989	44.2218	-0.012188
2.86419	81.8826	87.9019	858.804	1334.54	-0.012228	5.71594	44.1724	-0.014083
2.86519	81.3356	88.175	858.804	1324.03	-0.004076	5.71187	44.1724	-0.0125
2.86619	81.8826	88.4487	860.631	1310.84	-0.004076	5.70719	43.8784	-0.013125
2.86719	81.4724	88.0381	862.23	1306.14	-0.004076	5.70989	43.7777	-0.013125
2.86819	81.7458	88.3118	861.546	1307.23	-0.02038	5.70719	43.5803	-0.013438
2.86919	81.8091	88.175	862.23	1309.41	-0.012228	5.70656	43.4818	-0.01125
2.87019	82.4295	88.4487	860.06	1310.23	-0.004076	5.70469	42.8895	-0.012188
2.87119	81.7458	87.7844	859.489	1310.64	-0.004076	5.70719	42.8882	-0.010313
2.87219	81.7458	88.9981	857.433	1304.5	-0.004076	5.70469	42.7414	-0.015313
2.87319	81.8091	88.175	858.461	1297.94	-0.004076	5.70313	42.8895	-0.011875
2.87419	81.8826	87.8276	858.575	1294.12	-0.008152	5.70469	42.5934	-0.012813
2.87519	81.8826	88.3118	858.575	1289.06	-0.004076	5.70989	42.5934	-0.011583
2.87619	81.8826	88.4487	858.119	1284.83	-0.004076	5.70989	42.1988	-0.0125
2.87719	81.8091	87.9019	857.433	1281	0.02038	5.70989	41.8039	-0.012188
2.87819	81.8826	88.175	858.063	1278.27	-0.004076	5.70989	41.8532	-0.012188
2.87919	81.8826	88.4487	857.433	1274.45	-0.02038	5.71166	41.7545	-0.010938
2.88019	82.4295	88.4487	858.347	1271.03	-0.004076	5.71312	41.1131	-0.013438
2.88119	81.8826	88.4487	858.804	1268.12	-0.004076	5.71281	41.1131	-0.011583
2.88219	81.8091	88.175	858.347	1281.34	-0.004076	5.71344	41.2611	-0.010313
2.88319	82.0193	88.4487	858.291	1255.05	-0.012228	5.71312	40.9157	-0.014083
2.88419	81.8826	88.3118	854.692	1251.23	-0.004076	5.71469	41.1624	-0.013125
2.88519	81.7458	88.3118	853.093	1246.04	-0.004076	5.71719	40.6196	-0.012188
2.88619	81.7458	87.7844	852.065	1241.67	-0.004076	5.72187	40.6196	-0.012188
2.88719	81.8826	88.3118	851.38	1237.16	-0.02038	5.70781	40.4222	-0.010938
2.88819	82.4295	88.4487	851.38	1232.11	-0.004076	5.68489	40.2249	-0.011875
2.88919	81.8826	88.5855	850.009	1225.82	0.032609	5.68556	39.8301	-0.01375
2.89019	82.1561	88.175	848.887	1221.32	-0.004076	5.65091	39.8301	-0.011875
2.89119	81.8826	88.0381	848.638	1218.54	-0.02038	5.69406	39.8301	-0.012188
2.89219	81.8826	88.4487	848.753	1211.35	-0.004076	5.72489	39.534	-0.012813
2.89319	82.1561	88.7224	850.123	1206.02	-0.012228	5.71489	39.5834	-0.007813
2.89419	81.8826	88.7224	847.839	1201.38	-0.016304	5.71888	39.0406	-0.012813
2.89519	82.1561	88.4487	848.286	1195.78	-0.004076	5.71719	39.3366	-0.010938
2.89619	82.0193	88.3118	847.839	1190.88	-0.016304	5.71844	39.2873	-0.012188
2.89719	82.4295	88.3118	847.839	1185.94	-0.004076	5.71844	38.9419	-0.012188
2.89819	81.8826	88.175	848.638	1181.85	-0.004076	5.71562	38.7445	-0.010938
2.89919	81.8826	87.9013	848.524	1176.66	-0.004076	5.71344	38.2017	-0.012813
2.90019	81.3356	88.4487	847.839	1172.28	0.028532	5.71406	38.2511	-0.013438
2.90119	82.0193	88.175	847.839	1168.55	-0.004076	5.71281	38.2511	-0.012813
2.90219	81.8826	88.3118	846.925	1163	-0.004076	5.70906	38.1524	-0.010938
2.90319	81.8826	88.0381	846.488	1158.44	-0.004076	5.70989	38.2017	-0.012188

2.70419	81.8826	88.175	847.164	1161.68	-0.016304	5.71094	37.8583	-0.011583
2.70519	81.3356	88.175	845.897	1147.15	-0.004076	5.71406	38.0537	-0.013438
2.70619	82.1561	88.4487	845.897	1142.78	-0.004076	5.71988	38.0537	-0.013438
2.70719	82.1561	88.4487	845.098	1137.87	-0.004076	5.71875	37.8589	-0.013125
2.70819	82.1561	88.175	845.326	1133.5	-0.004076	5.72094	37.4815	-0.011583
2.7092	81.1989	88.3118	845.783	1128.03	-0.004076	5.72344	37.3135	-0.01125
2.7102	82.1561	88.3118	844.984	1124.21	-0.004076	5.72158	37.0988	-0.010938
2.7112	81.8826	87.9013	844.184	1120.38	-0.004076	5.72594	37.2148	-0.011875
2.7122	81.8826	88.5855	844.889	1116.42	-0.004076	5.72583	37.0174	-0.011583
2.7132	81.8826	88.175	844.527	1115.47	-0.016304	5.72489	36.8694	-0.014375
2.7142	81.8826	87.7844	845.326	1111.1	-0.004076	5.72687	36.9188	-0.012813
2.7152	81.8826	88.175	845.555	1108.84	-0.004076	5.72969	36.8201	-0.011563
2.7162	81.8826	88.175	844.412	1099.49	-0.004076	5.72219	36.672	-0.014375
2.7172	81.8826	88.175	842.813	1091.43	-0.004076	5.70094	36.8201	-0.012813
2.7182	82.0193	88.5855	842.357	1085.69	-0.004076	5.67969	36.8201	-0.011583
2.7192	82.0193	88.175	841.9	1079.14	-0.004076	5.68375	36.4747	-0.012813
2.7202	81.8826	88.175	842.357	1078.4	0.028532	5.68489	36.4253	-0.012188
2.7212	81.7458	88.175	842.128	1073.4	-0.004076	5.73844	36.2279	-0.011563
2.7222	81.8826	88.175	842.813	1072.31	0.028532	5.73156	36.2773	-0.012813
2.7232	82.1561	88.175	842.585	1071.49	-0.012228	5.73281	36.0306	-0.012188
2.7242	81.6091	88.4487	842.357	1069.03	-0.008152	5.72969	35.8332	-0.011563
2.7252	81.8826	88.175	842.014	1061.11	-0.028532	5.72969	35.6851	-0.012813
2.7262	81.8826	87.9013	842.128	1052.64	-0.004076	5.72969	35.6851	-0.012813
2.7272	81.3356	88.175	841.443	1043.35	-0.004076	5.72466	35.4384	-0.011875
2.7282	82.0193	88.175	839.387	1035.7	-0.004076	5.72531	35.8825	-0.010838
2.7292	81.8826	88.175	839.844	1031.06	-0.004076	5.72563	35.093	-0.012188
2.7302	81.8826	87.9013	840.415	1028.48	-0.004076	5.72219	35.1917	-0.011583
2.7312	82.0193	88.175	840.529	1028.8	-0.004076	5.72125	35.0437	-0.0125
2.7322	82.0193	88.4487	840.529	1026.82	-0.004076	5.7175	35.0437	-0.012813
2.7332	82.1561	88.3118	840.529	1024.75	0.048813	5.71906	35.241	-0.012813
2.7342	81.8826	88.3118	841.329	1023.14	0.02038	5.72094	35.1917	-0.012188
2.7352	82.1561	88.4487	840.968	1019.89	-0.004076	5.71969	34.8958	-0.013125
2.7362	82.1561	88.175	841.214	1016.03	-0.02038	5.72187	34.7969	-0.0125
2.7372	82.0193	88.175	842.242	1013.71	-0.004076	5.72344	34.7476	-0.010313
2.7382	81.8826	88.0361	841.214	1010.43	-0.004076	5.72437	34.9943	-0.011563
2.7392	81.8826	88.7224	840.072	1007.84	-0.004076	5.72594	34.5996	-0.011563
2.7402	81.7458	88.0361	839.501	1004.56	-0.004076	5.72719	34.6982	-0.012813
2.7412	81.6091	88.3118	838.245	1002.38	-0.004076	5.72969	34.7969	-0.01125
2.7422	82.0193	88.7224	838.13	1000.05	-0.008152	5.73094	34.7476	-0.012813
2.7432	81.3356	88.175	837.788	997.596	-0.012228	5.73219	34.5009	-0.012188
2.7442	81.8826	87.7844	836.874	994.865	0.028532	5.73562	34.5996	-0.01125
2.7452	81.8826	88.0361	836.874	992.269	-0.02038	5.72969	34.7969	-0.012188
2.7462	82.4295	88.4487	837.102	991.45	-0.004076	5.71094	34.5996	-0.01375
2.7472	81.8826	88.4487	836.531	988.172	-0.004076	5.68989	34.8483	-0.010938
2.7482	81.3356	88.3118	836.874	986.28	-0.004076	5.68906	34.6982	-0.009688
2.7492	81.7458	88.4487	836.646	984.894	-0.004076	5.65969	34.9943	-0.013125
2.7502	81.3356	88.4487	836.303	982.572	-0.008152	5.73438	35.093	-0.010838
2.7512	81.7458	87.9013	836.874	981.343	-0.004076	5.73531	35.0437	-0.012188
2.7522	82.0193	88.5855	836.78	979.704	-0.004076	5.73406	35.093	-0.012188
2.7532	81.8826	87.9013	836.189	977.245	-0.004076	5.73406	35.093	-0.012813
2.7542	82.1561	88.7224	836.646	977.782	-0.004076	5.73187	35.1917	-0.011563
2.7552	81.8826	88.3118	836.417	975.47	0.02038	5.72875	35.1917	-0.0125

2.7562	82.1581	88.4487	836.189	973.967	-0.004076	5.72719	35.241	-0.0125
2.7572	82.0193	88.175	836.417	973.148	-0.008152	5.72719	35.093	-0.010938
2.7582	82.0193	88.4487	836.303	971.782	-0.004076	5.72594	35.2904	-0.012813
2.7592	81.8826	87.9013	837.446	969.87	-0.004076	5.72719	35.4384	-0.008438
2.7602	81.8826	88.175	835.732	969.05	-0.004076	5.72437	35.241	-0.014063
2.7612	81.7458	88.175	835.047	967.958	-0.004076	5.72344	35.4878	-0.011875
2.7622	82.4295	88.0381	835.818	966.729	-0.004076	5.72858	35.6358	-0.012813
2.7632	82.0193	87.8278	834.361	964.68	-0.012228	5.72694	35.2904	-0.012813
2.7642	82.0193	88.4487	834.475	964.68	-0.004076	5.72806	35.4384	-0.012188
2.7652	82.1581	88.0381	834.818	964.27	-0.004076	5.72906	35.5371	-0.010625
2.7662	81.8826	88.7224	834.475	963.041	-0.004076	5.72844	35.6358	-0.012813
2.7672	81.8826	87.9013	834.133	962.768	-0.02038	5.72906	35.7345	-0.010938
2.7682	82.1581	88.175	834.475	962.904	-0.004076	5.73094	35.7836	-0.011875
2.7692	82.1581	87.7644	833.676	962.085	-0.004076	5.73344	35.6851	-0.012813
2.7702	81.6091	87.9013	834.59	961.948	-0.012228	5.73375	35.7836	-0.010313
2.7712	81.3356	88.4487	832.878	961.129	-0.008152	5.73888	35.4878	-0.014063
2.7722	81.4724	88.175	832.42	961.129	-0.004076	5.73875	35.8825	-0.01375
2.7732	81.8826	87.9013	832.991	961.402	-0.004076	5.74158	35.8825	-0.011563
2.7742	82.0193	88.4487	832.991	961.402	-0.004076	5.73781	35.6851	-0.012813
2.7752	82.0193	88.5855	833.105	961.129	-0.004076	5.72094	36.0799	-0.011563
2.7762	82.1581	87.9013	832.762	960.856	0.024456	5.70094	36.0799	-0.0125
2.7772	82.4295	88.3118	833.105	961.265	-0.004076	5.68094	35.8332	-0.011563
2.7782	82.1581	88.0381	832.305	961.402	-0.016304	5.68969	36.0799	-0.011875
2.7792	81.8826	88.4487	832.305	973.421	-0.004076	5.75781	35.8825	-0.012813
2.7802	82.2928	88.175	835.96	983.255	-0.004076	5.74094	36.0799	-0.011875
2.7812	82.0193	87.3539	836.189	984.211	-0.008152	5.74531	36.2773	-0.011563
2.7822	82.0193	88.5855	834.019	984.182	-0.016304	5.74375	36.2773	-0.010938
2.7832	81.8826	88.3118	835.275	995.684	-0.004076	5.74344	36.2773	-0.011563
2.7842	82.4295	88.4487	835.389	991.723	-0.004076	5.74312	36.872	-0.013438
2.7852	81.3356	88.175	832.878	989.538	-0.004076	5.74158	36.7707	-0.010938
2.7862	81.8826	87.9013	831.734	982.709	-0.004076	5.74437	36.9681	-0.011563
2.7872	81.8826	87.7644	832.762	979.587	-0.004076	5.73844	37.3135	-0.011875
2.7882	81.8826	87.9013	831.848	979.704	-0.004076	5.73489	37.3629	-0.0125
2.7892	81.6091	88.175	830.478	982.436	-0.016304	5.73858	37.7063	-0.012188
2.7902	82.0193	88.175	831.392	986.533	-0.004076	5.73937	37.8583	-0.012188
2.7912	82.0193	88.175	832.762	986.446	-0.004076	5.73969	38.1524	-0.010825
2.7922	82.0193	88.5855	832.305	989.674	-0.004076	5.74312	38.1524	-0.010313
2.7932	81.8826	88.175	831.963	986.718	-0.028532	5.74187	38.3004	-0.012188
2.7942	82.1581	88.3118	832.305	987.626	-0.004076	5.74406	38.5471	-0.011563
2.7952	81.8826	87.9013	833.105	987.626	-0.004076	5.74469	38.4978	-0.011875
2.7962	82.1581	88.7224	833.105	987.626	-0.004076	5.74584	38.5471	-0.012813
2.7972	81.7458	88.175	833.219	988.855	-0.004076	5.74658	38.6458	-0.012813
2.7982	82.1581	88.3118	833.219	989.874	-0.004076	5.74658	38.5965	-0.010825
2.7992	81.8826	88.3118	834.133	990.63	0.048913	5.74937	38.4484	-0.01125
2.8002	82.1581	88.4487	832.534	991.177	-0.004076	5.75125	38.6952	-0.0125
2.8012	81.8826	87.8278	832.305	991.723	-0.012228	5.75219	38.6458	-0.013125
2.8022	81.8826	88.0381	832.991	990.357	-0.004076	5.75344	38.5965	-0.012188
2.8032	81.8826	87.9013	832.991	990.63	-0.004076	5.74094	38.8432	-0.012813
2.8042	81.7458	87.9013	832.305	988.991	-0.008152	5.71812	38.2511	-0.013438
2.8052	81.8826	88.4487	831.963	989.401	-0.008152	5.70094	38.9912	-0.012188
2.8062	81.8826	88.4487	833.105	989.265	-0.004076	5.69158	39.0408	-0.012813
2.8072	81.4724	88.175	832.991	989.811	0.02038	5.75594	38.8458	-0.012188

2.8082	82.1581	88.4487	833.105	989.674	-0.004076	5.75889	38.7445	-0.014888
2.8082	81.7458	88.4487	833.219	989.285	-0.004076	5.75584	38.7939	-0.012188
2.8102	82.1561	88.3118	832.782	988.582	-0.004076	5.75888	38.8458	-0.011583
2.8112	81.7458	88.175	832.782	988.172	-0.004076	5.75437	38.8458	-0.010313
2.8122	81.4724	88.175	833.876	987.826	-0.004076	5.75406	38.7445	-0.010825
2.8132	81.8826	88.3118	833.904	989.445	-0.004076	5.75406	38.8432	-0.011583
2.8142	81.8826	88.175	833.562	987.352	-0.012228	5.74889	38.7939	-0.010938
2.8152	81.8826	88.7224	834.019	988.26	-0.02038	5.74781	38.5471	-0.014375
2.8182	82.1581	88.8582	833.219	988.943	-0.004076	5.74719	39.0408	-0.012813
2.8172	81.8826	88.3118	833.876	987.216	-0.004076	5.74719	38.4353	-0.013438
2.8182	82.0193	88.5855	833.219	987.079	-0.004076	5.74858	39.0408	-0.010938
2.8192	81.8091	88.3118	833.904	987.216	0.02038	5.75187	39.388	-0.011875
2.8202	81.8826	88.3118	834.133	988.806	-0.004076	5.75219	39.2873	-0.011583
2.8212	81.8091	88.3118	833.904	988.533	0.038885	5.74837	39.3386	-0.010313
2.8222	81.8091	88.175	834.019	988.943	-0.038885	5.74889	39.238	-0.01125
2.8232	82.4295	88.4487	833.904	987.079	-0.048913	5.75158	39.1886	-0.012813
2.8242	81.7458	87.9013	833.904	988.943	-0.085217	5.75281	39.8327	-0.010938
2.8252	82.2928	88.3118	834.818	988.533	-0.097825	5.75469	39.3386	-0.010313
2.8262	81.8826	88.7224	833.219	985.44	-0.203803	5.75594	38.7445	-0.015838
2.8272	82.0193	88.3118	834.019	987.079	-0.264844	5.75719	39.3386	-0.011583
2.8282	82.4295	88.175	834.475	987.352	-0.379074	5.75969	38.8301	-0.010825
2.8292	81.7458	87.8278	834.475	987.216	-0.542116	5.76408	39.8327	-0.012813
2.8302	81.7458	88.0381	834.59	987.079	-0.721463	5.76812	39.7808	-0.011583
2.8312	81.8826	88.4487	834.818	987.079	-0.917113	5.73031	39.7808	-0.013438
2.8322	82.2928	88.4487	834.818	987.079	-1.12092	5.71158	39.8301	-0.011875
2.8332	82.0193	88.3118	834.133	988.533	-1.38178	5.69094	39.8301	-0.012188
2.8342	81.8826	87.9013	834.019	988.533	-1.58928	5.69219	39.8794	-0.012813
2.8352	81.8826	88.7224	834.818	987.826	-1.72825	5.78719	39.7314	-0.012813
2.8362	81.7458	88.175	835.047	988.396	-1.83016	5.75812	39.9781	-0.011875
2.8372	81.8091	88.3118	834.475	985.987	-1.91187	5.75844	39.5834	-0.015313
2.8382	81.8826	88.4487	833.904	988.533	-1.90352	5.75781	40.0788	-0.0125
2.8392	81.8091	88.175	835.047	987.826	-1.85888	5.75989	40.4222	-0.010313
2.8402	81.7458	88.0381	835.275	987.216	-1.79754	5.75781	40.0275	-0.012813
2.8412	82.0193	88.175	834.59	987.079	-1.72417	5.75825	40.1755	-0.011583
2.8422	82.4295	88.175	835.047	987.488	-1.85888	5.75825	39.9288	-0.012188
2.8432	82.0193	88.175	834.704	987.216	-1.56928	5.75825	40.2249	-0.011583
2.8442	81.8826	88.3118	835.047	988.806	-1.59782	5.75125	39.9781	-0.011875
2.8452	81.8826	88.175	834.932	988.806	-1.54483	5.75219	40.3729	-0.010825
2.8462	82.4295	88.3118	835.047	988.035	-1.50814	5.75468	40.3235	-0.011583
2.8472	81.8826	88.4487	834.361	987.079	-1.50407	6.75219	40.4222	-0.011583
2.84821	82.4295	88.3118	834.59	985.714	-1.55298	5.75219	39.9288	-0.012188
2.84921	81.8826	88.4487	834.818	987.079	-1.48776	5.75719	40.5209	-0.012188
2.85021	81.7458	88.3118	835.275	987.079	-1.50814	5.75844	40.817	-0.011583
2.85121	81.8091	88.175	835.503	988.806	-1.48591	5.75812	40.4716	-0.012813
2.85221	82.0193	88.4487	835.503	987.079	-1.51222	5.75989	40.7183	-0.011875
2.85321	82.4295	88.4487	835.503	987.216	-1.50814	5.76158	40.6196	-0.013438
2.85421	81.8826	88.175	835.503	988.67	-1.52852	5.78312	40.6209	-0.010938
2.85521	82.1581	88.175	835.047	987.079	-1.51222	5.78489	40.9157	-0.011875
2.85621	82.1581	88.5855	835.047	988.943	-1.52852	5.78719	40.9157	-0.011583
2.85721	82.0193	87.7844	834.818	987.079	-1.53887	5.78844	40.817	-0.01125
2.85821	82.4295	88.3118	835.047	988.533	-1.52852	5.75666	40.9157	-0.012188
2.85921	82.2928	88.4487	834.59	985.304	-1.56928	5.73219	40.4716	-0.015313

2.86021	81.8826	88.4487	834.475	986.533	-1.53667	5.71719	40.8883	-0.012186
2.86121	82.2828	88.4487	834.818	986.533	-1.5488	5.69812	41.5078	-0.011563
2.86221	82.2828	88.4487	834.818	986.943	-1.53667	5.75158	41.1131	-0.010938
2.86321	82.1561	88.7224	834.818	986.386	-1.54075	5.78719	41.1131	-0.012813
2.86421	82.0193	88.5855	834.818	985.44	-1.57336	5.77156	41.0144	-0.011563
2.86521	82.2828	88.175	834.59	985.304	-1.51222	5.77531	41.3598	-0.012813
2.86621	82.1561	88.7224	834.818	985.167	-1.51222	5.77344	40.9157	-0.012813
2.86721	82.4295	88.4487	835.047	984.348	-1.52445	5.78889	41.4091	-0.010625
2.86821	82.0193	88.175	834.59	985.031	-1.52445	5.78825	41.3104	-0.012186
2.86921	82.1561	88.4487	834.818	984.757	-1.52445	5.78344	41.4091	-0.013125
2.87021	82.1561	88.4487	835.86	985.031	-1.53667	5.78219	41.3598	-0.009688
2.87121	82.4295	88.4487	834.704	984.894	-1.52852	5.75989	41.8559	-0.012813
2.87221	82.1561	88.175	835.047	986.806	-1.52037	5.75989	41.9026	-0.012813
2.87321	82.5663	88.175	835.389	988.172	-1.52852	5.75844	41.7545	-0.010938
2.87421	82.1561	88.4487	835.86	988.991	-1.52445	5.78281	41.7052	-0.012186
2.87521	82.1561	88.175	834.704	988.991	-1.54483	5.75781	41.7052	-0.011875
2.87621	82.2828	88.4487	834.818	987.626	-1.51829	5.78344	41.9519	-0.012813
2.87721	82.0193	88.175	834.59	987.352	-1.47146	5.78281	41.7545	-0.012813
2.87821	82.4295	88.4487	834.381	985.987	-1.52445	5.78437	42.0508	-0.011683
2.87921	82.4295	88.3118	834.818	987.489	-1.51222	5.78594	42.0508	-0.012186
2.88021	82.2828	88.3118	835.047	988.806	-1.50407	5.78844	42.1	-0.011563
2.88121	82.1561	88.175	835.047	988.943	-1.55298	5.78844	41.9026	-0.014063
2.88221	81.8826	88.7224	833.904	987.626	-1.46331	5.77912	42.1986	-0.012813
2.88321	82.0193	88.175	834.59	986.67	-1.47961	5.77531	42.8401	-0.012813
2.88421	82.4295	88.175	834.019	987.216	-1.47961	5.77469	42.3467	-0.01375
2.88521	82.0193	88.175	834.475	986.943	-1.47961	5.78781	42.5834	-0.014375
2.88621	82.1561	88.4487	834.381	986.943	-1.46331	5.74344	42.4947	-0.012813
2.88721	81.8826	88.4487	835.503	987.889	-1.42254	5.72437	42.5834	-0.01375
2.88821	82.1561	88.3118	834.59	987.626	-1.47553	5.70684	42.5834	-0.013125
2.88921	81.8826	88.0381	835.047	988.172	-1.47961	5.75806	42.4947	-0.011563
2.89021	82.1561	88.4487	834.818	989.538	-1.47146	5.76562	42.5834	-0.0125
2.89121	82.0193	88.175	834.475	988.035	-1.46331	5.77469	42.5834	-0.012813
2.89221	82.2828	88.3118	834.818	988.172	-1.447	5.77969	42.8401	-0.010625
2.89321	81.8826	88.3118	833.876	988.035	-1.45515	5.77406	42.8921	-0.013438
2.89421	82.1561	88.5855	834.704	988.718	-1.42254	5.77594	43.2842	-0.011563
2.89521	81.6091	88.0381	834.133	989.265	-1.40824	5.775	42.7908	-0.012186
2.89621	82.2828	88.3118	834.133	989.538	-1.40824	5.77489	42.9882	-0.0125
2.89721	81.8826	88.175	833.876	989.128	-1.38586	5.77094	42.9388	-0.013438
2.89821	81.8826	88.3118	834.019	990.084	-1.38858	5.76844	42.7908	-0.012813
2.89921	81.8826	88.4487	834.133	990.357	-1.34818	5.76781	42.9882	-0.012186
2.90021	82.1561	88.4487	833.219	989.265	-1.34102	5.76781	42.9388	-0.012813
2.90121	82.1561	88.7224	834.133	991.177	-1.30842	5.7675	43.1855	-0.012186
2.90221	82.1561	88.175	834.475	989.538	-1.30026	5.77094	43.2349	-0.012813
2.90321	81.7458	88.175	833.904	989.811	-1.28396	5.76989	42.9882	-0.010313
2.90421	81.6091	87.9013	833.219	989.811	-1.29619	5.77094	43.1855	-0.014063
2.90521	81.8826	88.175	834.133	990.63	-1.2685	5.77219	43.879	-0.014375
2.90621	82.0193	88.3118	834.381	990.63	-1.2432	5.77594	43.1855	-0.014063
2.90721	82.4295	88.3118	833.904	989.811	-1.23505	5.77719	43.3829	-0.013125
2.90821	81.7458	88.175	834.475	990.904	-1.19838	5.77989	43.4816	-0.013125
2.90921	82.1561	88.7224	833.876	990.357	-1.17786	5.78158	43.3829	-0.012186
2.91021	81.8826	88.3118	834.247	991.177	-1.15352	5.78219	43.4816	-0.01125
2.91121	81.8826	88.4487	834.381	991.729	-1.12499	5.77781	43.3829	-0.011875

2.91221	82.0193	87.9013	834.133	991.996	-1.13722	5.75437	43.531	-0.014063
2.91321	81.8826	88.3118	834.133	991.723	-1.14537	5.73489	43.531	-0.011583
2.91421	82.1561	88.3118	835.047	991.723	-1.10461	5.71781	43.3829	-0.008375
2.91521	81.7458	88.4487	834.133	991.313	-1.11278	5.72156	43.2842	-0.015
2.91621	81.8826	88.3118	834.361	991.996	-1.08018	5.79408	43.679	-0.011583
2.91721	82.1561	87.7644	833.79	991.587	-1.01494	5.77969	43.3829	-0.011583
2.91821	82.1561	88.4487	833.904	992.406	-1.02309	5.78469	43.531	-0.012813
2.91921	82.1561	88.5855	834.133	992.543	-0.994559	5.78281	43.4816	-0.014063
2.92021	81.7458	88.7224	833.904	991.996	-0.98233	5.77938	43.3829	-0.015313
2.92121	82.0193	88.3118	833.582	992.952	-0.900809	5.78094	43.4323	-0.012813
2.92221	82.4295	88.175	833.676	992.543	-0.917113	5.77844	43.3829	-0.012813
2.92321	82.0193	88.5855	834.361	994.045	-0.900809	5.77688	43.3829	-0.01125
2.92421	82.4295	88.175	833.676	992.679	-0.884506	5.77656	43.2349	-0.013125
2.92521	82.2928	88.4487	834.475	992.816	-0.876353	5.77531	43.3829	-0.010313
2.92621	82.0193	88.8592	833.676	991.996	-0.876353	5.77219	43.3336	-0.012188
2.92721	82.1561	88.7224	834.133	992.816	-0.831516	5.77375	43.3829	-0.011875
2.92821	82.2928	88.3118	834.361	993.635	-0.819288	5.78125	43.1855	-0.012813
2.92921	82.0193	87.9013	834.475	993.362	-0.78668	5.78469	43.1855	-0.012813
2.93021	81.8826	88.175	834.133	993.362	-0.762223	5.78219	43.1362	-0.012188
2.93121	82.4295	88.175	834.475	993.499	-0.737767	5.78469	43.1362	-0.012813
2.93221	82.2928	88.5855	834.133	993.089	-0.680322	5.78562	42.9368	-0.015313
2.93321	82.0193	88.3118	834.133	992.543	-0.705158	5.78594	43.1362	-0.012188
2.93421	82.1561	87.9013	833.904	992.406	-0.684398	5.78969	43.0375	-0.012813
2.93521	82.2928	88.4487	833.676	991.177	-0.69293	5.78969	42.9882	-0.0125
2.93621	82.0193	88.3118	835.047	990.904	-0.67255	5.78969	42.7908	-0.00875
2.93721	82.4295	88.4487	833.105	990.904	-0.67255	5.78969	42.7414	-0.013438
2.93821	82.2928	88.4487	833.676	990.767	-0.684398	5.77489	42.6427	-0.012813
2.93921	81.8826	88.4487	833.448	991.88	-0.595105	5.75094	43.0375	-0.012813
2.94021	82.0193	88.4487	834.133	992.952	-0.582496	5.73219	42.5934	-0.014063
2.94121	82.1561	88.3118	833.676	994.728	-0.55642	6.71908	42.5934	-0.013125
2.94221	82.1561	88.175	833.904	996.913	-0.493203	5.77969	42.9368	-0.012813
2.94321	81.8826	88.4487	834.133	997.48	-0.501355	5.79906	42.5934	-0.012813
2.94421	81.8091	88.3118	833.904	998.279	-0.493203	6.78094	42.7908	-0.011875
2.94521	81.8091	88.175	833.676	998.006	-0.480695	6.78969	43.2842	-0.011875
2.94621	82.1561	88.4487	833.676	994.728	-0.480695	6.78813	43.4816	-0.011583
2.94721	81.8826	88.7224	834.59	993.635	-0.480695	6.78813	43.2842	-0.011583
2.94821	82.1561	88.9961	833.904	993.908	-0.480975	5.78666	43.1855	-0.01375
2.94921	82.1561	87.7644	833.219	994.182	-0.427986	5.78687	43.531	-0.013125
2.95021	81.8826	88.4487	834.133	995.884	-0.395378	6.78662	43.5803	-0.010938
2.95121	82.1561	88.175	833.219	996.23	-0.374997	6.78312	43.1362	-0.012813
2.95221	82.4295	88.175	833.219	995.821	-0.362769	6.78219	43.0868	-0.014063
2.95321	82.1561	88.3118	833.676	996.23	-0.346485	5.78344	43.3336	-0.012188
2.95421	82.1561	88.5855	834.019	995.001	-0.334237	6.78312	43.4323	-0.011583
2.95521	82.2928	88.175	834.133	995.821	-0.362769	6.78167	43.2842	-0.013438
2.95621	81.8826	88.5855	833.676	997.48	-0.350541	6.78437	43.4816	-0.012813
2.95721	82.1561	88.3118	833.676	997.48	-0.334237	6.78644	43.4816	-0.012813
2.95821	82.1561	88.7224	833.676	997.733	-0.370921	5.78813	43.4816	-0.010938
2.95921	82.4295	88.4487	832.762	996.367	-0.354617	5.78969	43.2842	-0.012813
2.96021	82.1561	88.7224	833.904	997.733	-0.354617	5.79187	43.679	-0.011875
2.96121	82.1561	88.4487	833.676	997.899	-0.350541	5.79344	43.827	-0.011583
2.96221	82.1561	88.4487	833.676	997.596	-0.338313	5.79812	43.3829	-0.010938
2.96321	81.8091	88.175	833.219	998.279	-0.338313	5.80094	43.7283	-0.012188

2.96421	82.1561	88.4487	833.105	998.279	-0.330161	5.78125	43.5803	-0.012813
2.96521	82.4295	88.5855	832.991	998.825	-0.297552	5.75812	43.7777	-0.011563
2.96621	82.1561	88.4487	833.904	999.372	-0.313857	5.73844	43.5803	-0.012188
2.96721	82.4295	88.4487	833.219	999.918	-0.322009	5.72469	43.7777	-0.011875
2.96821	82.1561	88.4487	833.79	999.781	-0.313857	5.79219	43.7777	-0.010938
2.96921	82.2928	87.9013	833.676	999.645	-0.297552	5.80281	43.5803	-0.011875
2.97021	81.8826	88.3118	834.59	999.918	-0.313857	5.79219	43.7777	-0.011875
2.97121	82.1561	88.4487	833.219	999.645	-0.322009	5.79584	44.3698	-0.01125
2.97221	82.4295	88.4487	833.105	1000.74	-0.283478	5.79719	43.9751	-0.012813
2.97321	82.703	88.3118	833.219	1001.97	-0.2884	5.78594	44.1231	-0.013438
2.97421	82.703	88.3118	833.219	1000.74	-0.285324	5.79406	43.7777	-0.012188
2.97521	82.1561	88.7224	834.361	1001.15	-0.277172	5.78261	44.0737	-0.012188
2.97621	82.4295	88.4487	834.019	1001.83	-0.224183	5.78031	44.2711	-0.012813
2.97721	82.2928	88.4487	833.448	1001.83	-0.283478	5.78719	43.9751	-0.012813
2.97821	82.0193	88.4487	833.676	1003.74	-0.284944	5.78989	44.0737	-0.010938
2.97921	82.4295	88.5855	833.676	1002.1	-0.281248	5.78844	44.1724	-0.010938
2.98021	82.2928	88.5855	834.59	1003.2	-0.284944	5.78989	43.9751	-0.010313
2.98121	82.1561	87.9013	833.676	1002.65	-0.285324	5.79094	44.1724	-0.012813
2.98221	82.4295	87.9013	833.219	1003.47	-0.281248	5.79219	44.2711	-0.014083
2.98321	82.1561	88.4487	833.676	1003.74	-0.28902	5.79156	44.3206	-0.01125
2.98421	81.8826	88.7224	833.676	1003.74	-0.277172	5.79406	44.5178	-0.011563
2.98521	82.703	88.4487	833.676	1004.43	-0.256792	5.79989	44.5178	-0.013438
2.98622	82.1561	88.175	834.361	1004.87	-0.256792	5.80084	44.2711	-0.012188
2.98722	82.2928	88.9961	833.676	1004.84	-0.236411	5.79989	44.5872	-0.012188
2.98822	82.0193	88.5855	833.219	1005.52	-0.264944	5.80344	44.2711	-0.011563
2.98922	82.4295	88.7224	833.904	1007.02	-0.264944	5.79989	44.3698	-0.012813
2.99022	82.0193	88.5855	833.219	1005.52	-0.28902	5.77781	44.5872	-0.011563
2.99122	82.4295	87.9013	832.991	1005.65	-0.244564	5.75989	44.5178	-0.010313
2.99222	82.4295	88.0381	833.904	1005.93	-0.264944	5.74187	44.4192	-0.012188
2.99322	82.703	88.3118	833.582	1005.93	-0.238411	5.74719	44.7152	-0.011875
2.99422	82.2928	88.4487	834.019	1007.7	-0.220107	5.81906	45.11	-0.012813
2.99522	82.2928	88.8592	833.676	1007.29	-0.232335	5.80084	44.8859	-0.011875
2.99622	82.1561	87.9013	833.219	1007.29	-0.238411	5.80719	44.7848	-0.011875
2.99722	82.2928	88.9961	833.219	1007.57	-0.232335	5.80844	44.8859	-0.011875
2.99822	82.0193	88.4487	834.133	1007.57	-0.191575	5.80858	44.5872	-0.011563
2.99922	82.0193	87.9013	834.247	1008.39	-0.24864	5.80687	44.7848	-0.014083
3.00022	82.1561	87.9013	833.79	1007.57	-0.24864	5.80781	44.5872	-0.011563
3.00122	82.4295	87.7844	833.904	1007.29	-0.232335	5.80858	44.3698	-0.012188
3.00222	82.2928	88.9961	834.59	1006.47	-0.264944	5.80281	44.4192	-0.006125
3.00322	82.1561	88.4487	832.534	1005.11	-0.216031	5.80219	44.0737	-0.015313
3.00422	82.1561	88.4487	832.648	1004.84	-0.224183	5.79989	44.1724	-0.013125
3.00522	81.6091	88.4487	832.876	1005.11	-0.211955	5.80187	44.2711	-0.013438
3.00622	82.4295	88.4487	833.219	1006.2	-0.207879	5.80344	43.9751	-0.011563
3.00722	82.2928	87.9013	833.219	1006.81	-0.195651	5.80281	44.0737	-0.011563
3.00822	82.1561	88.4487	833.676	1006.11	-0.175271	5.80084	43.679	-0.011563
3.00922	82.4295	88.175	833.219	1007.84	-0.148738	5.80187	43.7283	-0.011563
3.01022	82.4295	88.4487	833.219	1010.3	-0.183423	5.80156	43.679	-0.011563
3.01122	82.2928	88.4487	834.133	1013.03	-0.187499	5.80469	44.1724	-0.010313
3.01222	82.4295	88.4487	834.361	1013.58	-0.175271	5.80469	43.8784	-0.011563
3.01322	82.1561	88.3118	833.219	1013.85	-0.15488	5.80719	44.2711	-0.012813
3.01422	82.0193	88.4487	832.876	1011.94	-0.150814	5.80469	44.1231	-0.014083
3.01522	82.4295	88.4487	832.534	1008.48	-0.187118	5.78989	44.3206	-0.012813

3.01822	82.1561	88.4487	832.305	1008.8	-0.146738	5.77156	44.1724	-0.010838
3.01722	82.2928	88.4487	832.305	1008.66	-0.158966	5.75156	43.9257	-0.013438
3.01822	81.8828	88.4487	832.782	1008.93	-0.19451	5.74469	44.1231	-0.01125
3.01922	82.2928	88.4487	833.105	1010.57	-0.11413	5.80631	43.7777	-0.013438
3.02022	81.8828	88.5855	832.848	1010.57	-0.089673	5.81658	43.9751	-0.012813
3.02122	82.2928	88.4487	832.191	1011.25	-0.126358	5.80844	43.4816	-0.011583
3.02222	82.4295	88.4487	831.82	1011.12	-0.093749	5.80989	43.879	-0.013125
3.02322	82.4295	88.4487	831.848	1009.48	-0.101902	5.80781	43.5803	-0.013438
3.02422	82.4295	88.3118	832.305	1010.03	-0.089673	5.80989	43.4816	-0.013438
3.02522	82.4295	88.7224	833.219	1009.48	-0.110054	5.80687	43.3829	-0.010625
3.02622	82.4295	88.4487	833.219	1011.88	-0.057085	5.80582	43.6296	-0.011875
3.02722	81.8828	88.3118	832.876	1012.48	-0.088293	5.80719	43.7777	-0.011875
3.02822	82.2928	88.7224	832.534	1012.78	-0.028532	5.80594	43.4816	-0.011583
3.02922	82.2928	88.7224	832.648	1012.78	-0.004076	5.80844	43.2842	-0.012813
3.03022	82.4295	88.8592	832.077	1012.21	-0.02038	5.80631	43.2349	-0.01375
3.03122	82.2928	88.3118	832.534	1012.78	-0.012228	5.80631	43.1362	-0.015
3.03222	82.2928	88.8592	832.077	1012.48	-0.008152	5.80469	43.1855	-0.013438
3.03322	82.4295	88.0381	832.305	1013.58	-0.004076	5.80815	43.1362	-0.012188
3.03422	82.4295	88.5855	831.848	1013.17	-0.016304	5.80989	43.2349	-0.012813
3.03522	82.703	88.175	831.392	1013.17	-0.004076	5.80989	42.8882	-0.011583
3.03622	82.4295	88.4487	831.963	1013.17	-0.012228	5.81156	42.5834	-0.013438
3.03722	82.9765	88.4487	831.392	1013.44	-0.004076	5.81156	42.8882	-0.013125
3.03822	82.4295	88.8592	832.191	1013.85	-0.004076	5.81406	42.8882	-0.011583
3.03922	82.4295	88.3118	831.963	1013.3	0.028532	5.81531	42.6921	-0.015313
3.04022	82.4295	88.3118	831.392	1013.44	-0.004076	5.80469	42.8895	-0.0125
3.04122	82.4295	88.9881	831.82	1013.03	-0.004076	5.77594	42.6921	-0.012813
3.04222	82.0193	88.7224	831.392	1013.85	0.038885	5.75908	42.7414	-0.013438
3.04322	82.2928	88.7224	831.82	1013.17	0.02038	5.74469	42.7908	-0.010838
3.04422	82.4295	88.175	831.392	1014.4	0.02038	5.80156	42.5834	-0.01125
3.04522	82.8398	88.4487	831.963	1013.3	-0.004076	5.82489	42.2973	-0.012813
3.04622	81.8828	88.7224	832.077	1013.44	-0.016304	5.81687	42.3487	-0.012188
3.04722	82.4295	88.4487	830.935	1013.17	-0.038885	5.81437	41.7052	-0.014083
3.04822	81.8828	88.7224	830.835	1013.85	-0.004076	5.81582	42.1986	-0.01375
3.04922	82.4295	88.4487	831.82	1014.84	-0.004076	5.81625	42.6427	-0.011875
3.05022	82.0193	88.5855	830.935	1014.4	-0.004076	5.81094	42.0013	-0.013438
3.05122	82.4295	87.7644	831.82	1014.87	0.032609	5.81594	42.1	-0.01125
3.05222	82.4295	88.4487	831.183	1014.94	-0.004076	5.81344	41.8039	-0.012813
3.05322	82.4295	88.3118	831.277	1014.94	0.044837	5.81063	41.9026	-0.012813
3.05422	82.1561	88.4487	830.708	1013.85	0.024456	5.80719	42.0013	-0.011875
3.05522	82.2928	88.5855	830.249	1014.67	-0.004076	5.80989	41.8039	-0.012188
3.05622	82.4295	88.175	830.592	1013.71	-0.004076	5.81063	41.7052	-0.011875
3.05722	82.4295	88.3118	830.478	1014.94	-0.004076	5.81156	41.5078	-0.012188
3.05822	82.4295	88.8592	830.478	1013.85	-0.028532	5.81031	41.4091	-0.015
3.05922	82.4295	88.5855	830.249	1013.85	-0.004076	5.81312	41.8532	-0.013438
3.06022	82.4295	88.4487	830.135	1014.94	-0.004076	5.81489	42.0013	-0.012813
3.06122	82.1561	88.8592	830.249	1014.81	-0.004076	5.81719	41.2117	-0.010838
3.06222	82.8398	88.4487	830.478	1014.94	0.016304	5.82188	41.8039	-0.010838
3.06322	82.8398	88.3118	830.249	1014.4	-0.004076	5.81812	41.5078	-0.011583
3.06422	82.4295	87.7644	829.793	1014.4	0.040761	5.82188	41.8066	-0.011583
3.06522	82.4295	88.175	830.478	1014.81	0.02038	5.80844	41.4091	-0.013438
3.06622	82.1561	87.9013	830.021	1014.4	-0.004076	5.78858	41.3598	-0.012813
3.06722	82.4295	88.4487	829.793	1013.85	-0.004076	5.78908	41.1824	-0.013438

3.06822	82.4295	88.3118	830.384	1014.81	-0.004076	5.75888	41.1624	-0.011583
3.06922	82.703	88.175	828.193	1012.76	-0.038686	5.81908	40.5209	-0.014375
3.07022	82.4295	88.175	829.336	1013.17	-0.004076	5.83156	40.965	-0.014083
3.07122	82.4295	88.4487	829.221	1012.76	-0.004076	5.82937	41.3598	-0.011875
3.07222	82.4295	87.7644	829.45	1010.84	-0.004076	5.82989	40.7676	-0.012813
3.07322	82.4295	88.3118	828.193	1009.89	-0.004076	5.83094	40.9157	-0.013438
3.07422	82.4295	88.175	828.86	1010.03	-0.004076	5.82488	40.6196	-0.012813
3.07522	82.1561	88.4487	828.86	1010.57	0.028532	5.82281	40.1755	-0.011875
3.07622	82.4295	88.4487	828.86	1010.84	-0.004076	5.82437	40.5209	-0.011583
3.07722	82.703	88.175	828.308	1010.84	-0.004076	5.81844	40.2249	-0.012188
3.07822	82.4295	88.7224	828.679	1013.17	0.02038	5.81844	40.3235	-0.012813
3.07922	82.1561	88.4487	828.993	1012.76	0.024456	5.81719	40.2249	-0.0125
3.08022	81.8826	88.4487	827.965	1014.81	-0.024456	5.81375	39.5834	-0.014688
3.08122	82.4295	88.175	828.422	1017.4	-0.004076	5.81781	40.0275	-0.013438
3.08222	82.4295	88.3118	828.765	1017.95	0.028532	5.81844	40.6196	-0.011875
3.08322	82.1561	88.5855	827.737	1016.03	-0.004076	5.81844	40.0788	-0.0125
3.08422	82.4295	88.175	827.394	1014.26	-0.004076	5.81989	40.2249	-0.012813
3.08522	81.7458	88.4487	827.051	1011.39	-0.012228	5.81875	40.1262	-0.012188
3.08622	82.1561	88.5855	827.394	1010.57	0.02038	5.81812	39.9781	-0.012813
3.08722	82.5683	87.9013	827.965	1011.12	-0.004076	5.82094	40.1262	-0.011583
3.08822	82.4295	88.4487	827.186	1013.03	-0.004076	5.82344	39.9288	-0.013438
3.08922	82.4295	88.0381	826.823	1013.3	-0.004076	5.82158	39.7808	-0.012813
3.09022	82.2928	88.4487	826.937	1011.12	-0.004076	5.80469	39.7808	-0.012813
3.09122	82.0193	88.3118	827.166	1010.18	-0.004076	5.78469	39.6327	-0.009375
3.09222	82.4295	88.175	826.709	1010.03	-0.004076	5.78625	39.6327	-0.013438
3.09322	82.4295	88.4487	826.823	1010.57	-0.004076	5.75625	39.8301	-0.011583
3.09422	82.4295	88.175	827.737	1012.21	0.024456	5.82813	39.4353	-0.012188
3.09522	82.4295	88.4487	827.28	1013.03	0.02038	5.82989	39.388	-0.013438
3.09622	82.2928	88.3118	827.822	1013.86	-0.004076	5.82531	39.4847	-0.010313
3.09722	82.4295	88.175	825.909	1014.94	-0.004076	5.82375	39.0406	-0.013125
3.09822	82.1561	88.3118	826.594	1013.85	-0.004076	5.82344	39.3388	-0.012813
3.09922	82.703	87.9013	826.594	1013.03	-0.008152	5.82219	39.0406	-0.013125
3.10022	82.703	88.3118	826.709	1013.58	-0.004076	5.82219	39.2873	-0.012813
3.10122	82.703	88.4487	825.909	1012.48	-0.004076	5.81875	39.3388	-0.011583
3.10222	82.2928	88.4487	826.48	1012.76	-0.004076	5.81469	38.9419	-0.012188
3.10322	82.4295	88.7224	824.881	1012.48	-0.008152	5.81582	38.9912	-0.012813
3.10422	82.703	87.9013	825.338	1012.48	0.02038	5.81531	39.4353	-0.012188
3.10522	82.1561	88.3118	825.224	1012.76	-0.004076	5.81781	38.9419	-0.011583
3.10622	82.4295	88.4487	824.995	1012.48	-0.004076	5.82126	38.9419	-0.013438
3.10722	82.1561	88.4487	824.881	1011.68	-0.004076	5.81594	39.0406	-0.012188
3.10822	82.2928	88.175	825.338	1011.68	-0.016304	5.81719	39.0406	-0.0125
3.10922	82.703	88.4487	824.995	1012.21	-0.004076	5.81908	38.8925	-0.012188
3.11022	81.8826	88.4487	825.11	1012.21	-0.004076	5.82344	38.8925	-0.01125
3.11122	82.4295	88.3118	824.767	1012.21	-0.004076	5.82281	38.7939	-0.01125
3.11222	82.4295	88.0381	824.995	1011.25	-0.004076	5.82631	38.7445	-0.013125
3.11322	82.4295	88.3118	825.765	1012.07	-0.004076	5.82594	38.5965	-0.009063
3.11422	81.8826	88.5855	824.31	1011.39	-0.004076	5.82158	38.7939	-0.014688
3.11522	82.4295	88.175	824.767	1012.21	0.024456	5.80344	38.7445	-0.012813
3.11622	82.703	88.3118	824.767	1012.89	-0.004076	5.78344	38.9419	-0.012188
3.11722	82.4295	88.3118	824.995	1013.03	0.032809	5.76719	38.6471	-0.011583
3.11822	82.1561	88.4487	824.082	1012.48	-0.004076	5.76719	38.3498	-0.010938
3.11922	82.1561	88.175	823.967	1012.07	-0.004076	5.83908	38.103	-0.013125

3.12022	82.4295	88.175	824.082	1013.17	0.028532	5.82813	38.2511	-0.012813
3.12122	82.1581	88.4487	823.398	1011.94	-0.004076	5.82989	38.2017	-0.011563
3.12222	82.4295	88.8592	823.282	1012.89	-0.004076	5.82905	38.2017	-0.011875
3.12322	82.8398	88.3118	823.825	1011.66	-0.004076	5.82489	38.3498	-0.011563
3.12422	82.4295	88.3118	824.082	1011.39	-0.004076	5.82582	38.0043	-0.011563
3.12523	82.2828	88.8592	822.254	1011.12	-0.004076	5.82408	37.955	-0.012813
3.12623	82.4295	88.175	823.511	1012.07	-0.004076	5.82281	38.8432	-0.012813
3.12723	82.2828	88.175	823.188	1011.68	-0.004076	5.82437	38.1524	-0.011563
3.12823	82.4295	88.4487	822.711	1011.53	0.028532	5.82219	38.0537	-0.0125
3.12923	82.703	88.175	823.282	1012.21	-0.004076	5.81781	38.103	-0.012188
3.13023	82.4295	88.175	822.483	1012.48	-0.004076	5.81989	38.0537	-0.013125
3.13123	82.4295	88.0381	822.711	1011.12	-0.004076	5.82084	38.4484	-0.013125
3.13223	82.4295	88.4487	822.711	1012.82	-0.004076	5.81989	38.2017	-0.011875
3.13323	82.4295	88.3118	822.697	1013.17	-0.004076	5.82219	38.3991	-0.011875
3.13423	82.2928	88.3118	822.254	1011.68	-0.004076	5.82489	38.1524	-0.012813
3.13523	82.4295	88.175	823.188	1012.07	-0.004076	5.82887	38.2511	-0.01125
3.13623	82.4295	87.9013	821.797	1011.68	-0.004076	5.83281	38.1524	-0.014888
3.13723	82.2928	88.3118	821.797	1011.12	-0.004076	5.83594	38.4484	-0.014083
3.13823	82.4295	87.8278	822.483	1012.48	-0.004076	5.83658	38.0043	-0.013125
3.13923	82.4295	87.8278	822.254	1011.8	-0.004076	5.83219	38.103	-0.013438
3.14023	82.2928	88.175	822.254	1010.43	-0.004076	5.80808	37.8563	-0.012813
3.14123	82.2928	88.4487	820.884	1007.98	-0.004076	5.78719	38.0537	-0.010313
3.14223	82.703	88.3118	820.427	1006.75	0.028532	5.77082	37.955	-0.012813
3.14323	82.4295	88.3118	821.34	1006.34	-0.004076	5.80158	37.807	-0.011875
3.14423	82.4295	88.8592	821.34	1007.84	-0.004076	5.85344	38.0043	-0.010838
3.14523	82.4295	88.4487	820.198	1006.61	0.024458	5.83808	37.955	-0.010838
3.14623	81.8828	88.3118	821.112	1007.28	-0.004076	5.84281	37.9057	-0.009888
3.14723	82.4295	88.3118	819.97	1005.83	-0.012228	5.83908	37.5802	-0.01375
3.14823	82.703	87.9013	820.427	1005.11	-0.004076	5.84219	38.0537	-0.014083
3.14923	82.703	88.175	820.427	1005.85	-0.004076	5.83869	37.8096	-0.012188
3.15023	82.703	87.9013	820.788	1005.38	-0.004076	5.83875	37.7578	-0.012813
3.15123	82.8398	88.175	820.998	1006.2	-0.004076	5.84084	37.4815	-0.012188
3.15223	82.1581	88.7224	820.427	1006.2	-0.004076	5.83582	37.4815	-0.011563
3.15323	82.703	88.3118	818.858	1006.2	-0.004076	5.83375	37.4815	-0.010938
3.15423	82.2828	88.3118	818.741	1007.02	-0.004076	5.83408	37.8096	-0.0125
3.15523	82.4295	88.3118	818.858	1006.2	-0.004076	5.83719	37.807	-0.011875
3.15623	82.4295	88.4487	818.284	1005.11	-0.004076	5.83531	37.8563	-0.011875
3.15723	83.25	88.5855	820.855	1004.58	-0.004076	5.83875	37.807	-0.010313
3.15823	82.1581	88.3118	819.513	1005.11	-0.004076	5.83938	37.807	-0.012188
3.15923	82.5683	88.175	818.599	1005.85	0.024458	5.83989	38.0537	-0.013438
3.16023	81.8828	88.7224	819.056	1005.11	-0.004076	5.84489	37.4815	-0.0125
3.16123	82.703	88.4487	818.599	1005.11	-0.004076	5.84594	37.5802	-0.010825
3.16223	82.4295	88.4487	818.599	1005.11	-0.004076	5.84489	37.807	-0.011563
3.16323	82.9765	88.4487	818.599	1004.97	-0.004076	5.84719	37.8589	-0.012813
3.16423	82.4295	88.0381	819.284	1004.7	0.044837	5.83031	37.4615	-0.014888
3.16523	82.4295	88.4487	818.599	1004.43	-0.008152	5.80406	37.8589	-0.012813
3.16623	82.4295	88.4487	818.599	1005.11	-0.008152	5.78908	37.955	-0.011875
3.16723	82.4295	88.7224	818.599	1004.28	-0.004076	5.77999	37.7578	-0.013125
3.16823	82.703	88.4487	819.388	1004.84	-0.004076	5.85187	37.8583	-0.010313
3.16923	82.703	88.175	818.142	1004.84	-0.004076	5.85219	37.8589	-0.015313
3.17023	82.4295	88.8592	818.599	1004.28	0.02038	5.84989	37.8589	-0.01125
3.17123	82.4295	88.3118	818.485	1004.97	0.028532	5.85219	37.8563	-0.012813

3.17223	82.4295	88.4487	818.142	1004.84	0.032609	5.85219	37.807	-0.012188
3.17323	83.1133	88.4487	818.257	1005.11	0.024456	5.84812	37.7576	-0.012813
3.17423	83.25	88.4487	818.142	1005.11	-0.004076	5.84406	37.8563	-0.012813
3.17523	82.1561	88.4487	818.142	1005.79	0.048913	5.84856	37.955	-0.011875
3.17623	82.2928	88.9981	818.028	1004.84	-0.012228	5.84156	37.8563	-0.010938
3.17723	82.5683	87.7844	818.142	1008.2	-0.004076	5.84094	38.0043	-0.013125
3.17823	82.9765	88.3118	817.914	1005.65	-0.004076	5.84094	38.0043	-0.011875
3.17923	82.4295	88.4487	818.599	1005.11	-0.004076	5.84219	37.955	-0.010938
3.18023	82.4295	88.3118	817.343	1005.52	-0.004076	5.84281	37.955	-0.013125
3.18123	82.4295	88.4487	816.772	1005.65	-0.004076	5.84156	38.1524	-0.013438
3.18223	82.9765	88.4487	817.229	1005.52	-0.004076	5.84469	38.4978	-0.012813
3.18323	82.4295	88.4487	817	1005.52	-0.004076	5.84406	38.0043	-0.012188
3.18423	82.1561	87.9013	817.229	1005.93	0.024456	5.84719	38.1524	-0.012188
3.18523	82.4295	88.3118	817.457	1005.52	-0.004076	5.84844	38.2017	-0.014063
3.18623	83.1133	88.4487	817.114	1005.65	0.044837	5.84969	38.0537	-0.012188
3.18723	82.703	88.3118	816.772	1005.93	-0.012228	5.85437	38.2017	-0.012813
3.18823	82.4295	88.4487	816.315	1006.06	-0.004076	5.84562	38.0043	-0.0125
3.18923	82.5683	88.4487	816.658	1004.97	-0.004076	5.81969	38.103	-0.011563
3.19023	82.9765	88.175	817	1004.97	-0.004076	5.79969	37.8563	-0.01125
3.19123	82.2928	88.175	816.201	1004.56	0.02038	5.78469	38.2017	-0.013438
3.19223	82.703	88.3118	816.201	1004.97	-0.004076	5.81719	38.4978	-0.012188
3.19323	82.2928	88.175	815.858	1005.65	0.02038	5.86844	38.2511	-0.013438
3.19423	82.4295	88.4487	816.086	1005.93	-0.004076	5.85219	38.0537	-0.011563
3.19523	82.4295	88.3118	816.201	1005.11	0.024456	5.85781	38.3488	-0.0125
3.19623	82.703	88.4487	816.086	1005.79	-0.004076	5.85406	38.0537	-0.014375
3.19723	82.4295	88.3118	815.401	1005.11	-0.004076	5.84969	38.103	-0.013125
3.19823	82.4295	88.4487	815.858	1006.2	-0.008152	5.85094	38.3004	-0.013438
3.19923	82.4295	88.4487	815.401	1007.16	-0.004076	5.84969	38.2511	-0.012813
3.20023	82.703	88.4487	815.401	1004.29	-0.004076	5.84469	38.1524	-0.0125
3.20123	82.5683	88.175	815.83	1005.93	-0.004076	5.84469	38.2511	-0.012813
3.20223	82.2928	88.175	814.944	1005.65	-0.004076	5.84584	38.2511	-0.014688
3.20323	82.9765	88.7224	815.287	1005.38	-0.004076	5.84344	38.2511	-0.012813
3.20423	82.4295	88.4487	815.173	1005.11	-0.024456	5.84656	38.8952	-0.012188
3.20523	82.2928	88.9981	814.944	1006.2	-0.004076	5.84719	38.4484	-0.012188
3.20623	82.703	88.3118	815.858	1005.65	0.028532	5.84969	38.3991	-0.013438
3.20723	82.703	88.4487	814.944	1006.2	-0.004076	5.84656	38.7939	-0.012188
3.20823	82.703	88.175	815.287	1006.2	0.044837	5.85063	38.4978	-0.010938
3.20923	82.4295	88.4487	814.83	1005.38	-0.004076	5.84969	38.4978	-0.010825
3.21023	82.703	88.175	815.287	1006.2	-0.004076	5.85125	38.5471	-0.013438
3.21123	82.9765	88.9981	814.83	1005.65	-0.004076	5.85825	38.5471	-0.013125
3.21223	82.6388	88.175	814.944	1005.11	-0.008152	5.85094	38.4978	-0.01125
3.21323	82.4295	88.3118	815.744	1005.52	-0.004076	5.82969	38.2511	-0.012188
3.21423	82.4295	88.4487	814.487	1005.11	-0.004076	5.81344	38.7939	-0.013125
3.21523	82.703	88.4487	814.259	1006.2	-0.004076	5.79531	38.5471	-0.014063
3.21623	82.4295	88.3118	814.031	1006.2	-0.004076	5.78906	38.4484	-0.012813
3.21723	82.9765	88.175	814.944	1006.2	-0.004076	5.88281	38.5471	-0.010938
3.21823	82.703	88.175	814.259	1005.52	-0.004076	5.85313	38.4978	-0.013125
3.21923	82.4295	88.3118	814.716	1005.93	0.057085	5.85719	38.5471	-0.012188
3.22023	82.8398	88.4487	814.031	1005.52	-0.02038	5.85584	38.6458	-0.012188
3.22123	82.9765	88.7224	814.373	1006.75	-0.004076	5.85344	38.4978	-0.011583
3.22223	82.5683	88.4487	813.918	1005.52	-0.004076	5.85406	38.4978	-0.012813
3.22323	82.4295	87.9013	814.487	1006.2	-0.004076	5.85406	38.6458	-0.011583

3.22423	82.4295	88.8592	813.574	1004.84	-0.008152	5.84908	38.5471	-0.014083
3.22523	82.703	88.7224	813.345	1005.65	-0.004076	5.84989	38.8925	-0.012813
3.22623	82.8398	88.4487	814.259	1008.2	-0.004076	5.85219	38.8432	-0.012188
3.22723	82.4295	88.4487	813.574	1008.2	0.028532	5.8475	38.4484	-0.0125
3.22823	82.703	88.4487	813.918	1008.2	-0.004076	5.85281	38.9419	-0.013125
3.22923	82.703	88.3118	814.031	1008.2	0.038885	5.85313	39.0406	-0.010838
3.23023	82.5683	88.3118	813.574	1008.47	0.038885	5.85094	38.8432	-0.010838
3.23123	82.703	88.7224	813.918	1008.2	-0.004076	5.85158	38.9912	-0.011875
3.23223	82.8398	88.4487	813.459	1007.57	-0.004076	5.85344	38.9419	-0.011875
3.23323	82.703	88.3118	813.117	1005.93	-0.004076	5.85489	38.7445	-0.012813
3.23423	82.8398	88.4487	813.802	1008.06	0.02038	5.85858	39.0406	-0.010625
3.23523	82.4295	88.4487	813.802	1005.65	-0.004076	5.85531	38.8432	-0.012188
3.23623	82.703	88.4487	812.774	1006.52	-0.004076	5.85844	38.7939	-0.013125
3.23723	82.703	88.4487	813.117	1006.93	0.028532	5.85094	39.3366	-0.0125
3.23823	82.9765	88.4487	813.574	1008.47	-0.004076	5.82625	38.9912	-0.011583
3.23923	82.5683	88.8592	813.345	1008.2	0.02038	5.80781	38.9419	-0.012188
3.24023	82.5683	88.4487	813.345	1008.2	-0.004076	5.78719	38.8432	-0.013125
3.24123	82.9765	88.4487	813.117	1006.2	0.061141	5.83219	39.0406	-0.010625
3.24223	82.4295	88.0381	813.117	1005.11	-0.016304	5.86908	38.8432	-0.012188
3.24323	82.9765	88.4487	813.574	1006.2	-0.004076	5.85719	38.8432	-0.013436
3.24423	82.9765	88.175	812.86	1007.18	-0.004076	5.88094	38.8432	-0.012188
3.24523	83.25	88.175	813.345	1006.2	-0.004076	5.85781	38.8458	-0.008083
3.24623	82.703	88.4487	812.203	1004.84	-0.028532	5.85489	38.7939	-0.014375
3.24723	83.25	88.7224	812.431	1005.65	-0.004076	5.85858	38.8432	-0.012813
3.24823	82.4295	88.175	812.888	1008.75	-0.004076	5.85489	39.238	-0.012813
3.24923	82.703	88.3118	812.86	1008.06	-0.004076	5.85344	38.9419	-0.013125
3.25023	83.25	88.7224	812.86	1008.61	0.024458	5.85489	39.0406	-0.011875
3.25123	82.9765	88.4487	812.86	1006.2	0.02038	5.84844	38.8925	-0.011875
3.25223	82.9765	88.175	812.203	1006.2	0.052889	5.85158	39.0406	-0.012813
3.25323	82.9765	88.4487	812.431	1008.75	-0.004076	5.85219	39.238	-0.012813
3.25423	83.1133	88.5855	812.86	1008.61	-0.004076	5.85083	38.9912	-0.013125
3.25523	82.9765	88.175	812.86	1008.88	-0.004076	5.85219	39.0406	-0.012813
3.25623	82.703	88.3118	813.003	1006.2	-0.004076	5.85531	39.0406	-0.014083
3.25723	83.1133	88.4487	811.748	1005.65	-0.004076	5.85281	38.9419	-0.014688
3.25823	82.9765	88.4487	811.748	1005.93	-0.004076	5.85844	39.3366	-0.012813
3.25923	82.8398	88.175	812.203	1006.2	0.024458	5.85938	39.6327	-0.011583
3.26023	82.703	88.4487	812.203	1006.2	-0.004076	5.85844	39.0406	-0.013125
3.26123	82.9765	88.3118	811.88	1006.47	-0.004076	5.88584	39.238	-0.012188
3.26223	82.703	88.0381	811.88	1006.2	-0.004076	5.84375	39.2873	-0.013125
3.26323	82.8398	88.4487	812.089	1006.2	0.052889	5.81989	39.0406	-0.010838
3.26423	83.1133	88.4487	811.748	1005.11	-0.004076	5.79989	39.238	-0.013436
3.26523	83.3888	88.5855	811.748	1005.65	-0.004076	5.79584	39.238	-0.012188
3.26623	82.9765	88.4487	811.632	1006.2	-0.008152	5.88937	39.4353	-0.012188
3.26723	82.9765	88.4487	812.089	1005.93	-0.004076	5.86344	39.238	-0.012813
3.26823	82.9765	88.4487	811.975	1005.11	-0.02038	5.88188	38.7939	-0.012188
3.26923	82.8398	88.4487	811.632	1006.2	-0.004076	5.88219	39.0406	-0.012813
3.27023	83.1133	88.4487	811.88	1008.75	-0.004076	5.88219	39.6327	-0.011583
3.27123	82.9765	88.0381	811.88	1006.2	-0.004076	5.85844	39.238	-0.012188
3.27223	82.9765	88.4487	811.748	1006.75	0.02038	5.85989	39.238	-0.010313
3.27323	83.25	88.3118	811.289	1007.29	-0.004076	5.85844	39.3366	-0.012813
3.27423	82.8398	88.4487	811.289	1008.47	-0.004076	5.85344	39.1886	-0.011583
3.27523	83.25	88.4487	811.289	1008.47	-0.016304	5.85219	39.3366	-0.013436

3.27824	82.9765	88.3118	812.203	1007.98	0.028532	5.85594	39.4353	-0.011563
3.27724	83.25	88.4487	811.175	1006.2	-0.004078	5.85489	39.5834	-0.010838
3.27824	82.4285	88.3118	811.289	1006.75	-0.004078	5.85856	39.3368	-0.012188
3.27924	82.9765	88.175	811.748	1005.93	-0.028532	5.85281	38.8432	-0.013438
3.28024	82.9765	88.5855	811.289	1006.75	-0.004078	5.85719	39.238	-0.013438
3.28124	83.1133	88.0381	811.061	1007.02	-0.004078	5.85719	39.5834	-0.01375
3.28224	83.25	88.7224	811.061	1006.75	-0.004078	5.85989	39.4353	-0.013438
3.28324	83.25	88.175	811.289	1006.61	-0.004078	5.86344	39.534	-0.0125
3.28424	82.9765	88.3118	811.518	1006.75	-0.004078	5.85908	39.3368	-0.013438
3.28524	83.25	88.7224	811.289	1006.75	0.028532	5.86281	39.4353	-0.012188
3.28624	82.9765	88.175	811.748	1007.02	0.02038	5.85719	39.534	-0.0125
3.28724	83.25	88.3118	811.175	1006.2	-0.004078	5.83094	39.534	-0.012188
3.28824	83.1133	88.4487	811.289	1006.47	-0.008152	5.8125	39.4353	-0.011875
3.28924	83.25	88.4487	811.748	1006.2	-0.004078	5.79344	39.534	-0.011663
3.29024	83.3888	88.3118	810.947	1005.52	-0.038885	5.83375	39.1393	-0.014083
3.29124	83.25	88.4487	811.061	1007.02	-0.004078	5.87812	39.4353	-0.015313
3.29224	83.25	88.4487	810.832	1006.75	-0.004078	5.88156	39.8301	-0.011563
3.29324	83.25	88.4487	811.175	1007.29	-0.004078	5.88594	39.388	-0.0125
3.29424	83.25	88.3118	811.518	1006.61	-0.008152	5.88719	39.534	-0.012813
3.29524	83.1133	88.4487	811.518	1006.47	-0.004078	5.88281	39.388	-0.012813
3.29624	83.1133	88.175	811.289	1007.16	-0.004078	5.88219	39.534	-0.012813
3.29724	83.3888	88.7224	811.975	1007.29	-0.004078	5.88219	39.3368	-0.014083
3.29824	83.25	88.0381	810.832	1007.02	-0.004078	5.85989	39.8301	-0.011875
3.29924	83.25	88.7224	810.718	1007.02	-0.004078	5.85594	39.534	-0.012813
3.30024	83.25	88.5855	811.289	1006.75	-0.004078	5.8575	39.7806	-0.012813
3.30124	83.5236	88.7224	810.832	1005.93	-0.038885	5.85489	39.238	-0.012813
3.30224	82.9765	88.175	811.289	1007.02	-0.004078	5.85908	39.7806	-0.011563
3.30324	83.3888	88.4487	811.289	1007.57	-0.004078	5.85719	40.2249	-0.012188
3.30424	83.6603	88.5855	811.86	1007.29	-0.004078	5.85719	39.7314	-0.013125
3.30524	83.5236	88.3118	811.289	1007.29	-0.004078	5.86281	39.8301	-0.011563
3.30624	82.703	87.7644	811.289	1007.02	-0.004078	5.86156	39.9288	-0.010838
3.30724	83.7971	88.7224	812.203	1007.84	0.081141	5.86281	39.9288	-0.011563
3.30824	83.25	88.5855	811.289	1007.02	-0.004078	5.86219	39.8301	-0.013125
3.30924	82.9765	87.7644	811.975	1007.57	-0.004078	5.86719	39.9781	-0.012813
3.31024	83.5236	88.4487	811.748	1007.29	-0.004078	5.86188	39.9288	-0.012813
3.31124	83.25	88.3118	811.632	1006.47	0.02038	5.83989	39.7806	-0.011563
3.31224	83.5236	88.175	811.289	1006.75	-0.004078	5.82344	39.7806	-0.011875
3.31324	83.1133	88.3118	811.175	1006.88	-0.004078	5.80094	39.6821	-0.014083
3.31424	82.9765	88.3118	811.748	1007.57	-0.004078	5.80908	40.1282	-0.0125
3.31524	82.9765	88.3118	811.975	1007.7	0.024456	5.88094	39.9288	-0.012813
3.31624	83.25	88.4487	811.518	1007.02	-0.004078	5.88582	39.6327	-0.013125
3.31724	83.25	88.175	811.289	1006.75	-0.004078	5.88937	39.8301	-0.014083
3.31824	82.8388	87.9013	811.632	1007.7	0.028532	5.88989	40.0788	-0.012188
3.31924	83.5236	88.3118	812.203	1008.39	0.02038	5.86719	39.7806	-0.011563
3.32024	83.5236	88.3118	811.289	1007.29	-0.004078	5.86719	39.8301	-0.011563
3.32124	83.5236	88.4487	811.748	1007.98	-0.004078	5.88594	40.1282	-0.012813
3.32224	83.5236	88.4487	811.289	1006.75	0.028532	5.88344	39.9781	-0.013438
3.32324	82.9765	88.0381	811.748	1007.16	-0.008152	5.88219	39.8301	-0.011875
3.32424	83.25	88.5855	811.289	1007.16	-0.004078	5.88094	39.6821	-0.013125
3.32524	83.25	88.4487	811.632	1007.84	-0.004078	5.85989	40.4718	-0.012813
3.32624	82.9765	88.4487	811.86	1008.11	-0.004078	5.88219	39.9781	-0.012813
3.32724	83.25	88.175	811.748	1007.16	-0.004078	5.88344	40.0275	-0.012188

3.32824	83.3888	88.4487	811.748	1007.7	-0.004078	5.88281	40.0276	-0.012188
3.32924	83.25	88.3118	811.175	1007.29	-0.004078	5.88344	40.1756	-0.012188
3.33024	83.5238	88.4487	811.88	1007.16	0.02038	5.88489	40.3235	-0.0125
3.33124	83.3888	88.175	811.832	1008.39	-0.004078	5.88375	40.2249	-0.013438
3.33224	83.5238	88.4487	811.832	1008.25	-0.004078	5.88719	40.2249	-0.013125
3.33324	83.3888	88.4487	811.748	1007.29	-0.004078	5.88989	40.2742	-0.012188
3.33424	83.3888	88.5855	812.888	1007.57	-0.004078	5.87158	40.4222	-0.010313
3.33524	83.7971	88.7224	812.203	1007.98	-0.004078	5.85531	40.3235	-0.014063
3.33624	83.25	88.175	811.748	1007.84	-0.004078	5.83344	40.5209	-0.013125
3.33724	83.25	88.4487	811.832	1007.29	-0.004078	5.81312	40.1756	-0.013438
3.33824	83.3888	88.175	811.975	1008.11	0.02038	5.80219	40.1282	-0.012188
3.33924	83.25	88.3118	811.748	1007.29	-0.004078	5.86219	40.3729	-0.012813
3.34024	83.3888	88.4487	812.431	1007.84	-0.004078	5.87906	40.3235	-0.014688
3.34124	83.3888	88.4487	812.089	1007.84	-0.004078	5.87219	40.4222	-0.012188
3.34224	83.5238	88.7224	811.748	1007.84	-0.004078	5.87406	40.3729	-0.011583
3.34324	83.5238	87.9013	811.289	1008.11	-0.004078	5.87219	40.3235	-0.011583
3.34424	83.5238	88.3118	811.748	1007.57	-0.004078	5.87406	40.3235	-0.012813
3.34524	83.5238	88.175	812.888	1007.84	-0.004078	5.87219	40.2742	-0.010313
3.34624	83.5238	88.4487	811.289	1007.57	-0.006152	5.88844	40.2742	-0.012188
3.34724	83.25	88.4487	811.748	1007.84	0.02038	5.88812	40.817	-0.012813
3.34824	82.9785	87.9013	812.089	1008.39	0.02038	5.88584	40.2249	-0.011875
3.34924	83.5238	88.4487	812.203	1008.11	0.02038	5.88719	40.3235	-0.013438
3.35024	83.1133	88.175	812.431	1008.39	0.02038	5.88437	40.3235	-0.012188
3.35124	83.5238	88.4487	811.748	1008.11	-0.004078	5.88489	40.4716	-0.012813
3.35224	83.25	88.4487	812.203	1009.07	0.040761	5.88858	40.4222	-0.012813
3.35324	82.9785	87.9013	811.289	1007.98	-0.004078	5.88719	40.4716	-0.013125
3.35424	83.5238	88.4487	811.975	1008.39	-0.004078	5.88937	40.6198	-0.012188
3.35524	83.6603	88.7224	812.203	1008.39	-0.004078	5.87084	40.7183	-0.01125
3.35624	83.7971	88.7224	813.802	1009.21	-0.004078	5.87489	40.5703	-0.009083
3.35724	83.5238	88.4487	811.518	1008.39	-0.004078	5.87437	40.5209	-0.013438
3.35824	83.3888	88.4487	811.88	1008.8	-0.004078	5.87584	40.6198	-0.012188
3.35924	84.0708	88.5855	811.832	1008.39	-0.004078	5.87281	40.7183	-0.01125
3.36024	83.7971	88.175	811.975	1008.39	-0.004078	5.84989	40.7183	-0.010313
3.36124	82.8388	87.9013	812.089	1008.8	0.02038	5.82844	40.6198	-0.010838
3.36224	83.5238	88.5855	812.431	1008.25	-0.004078	5.80989	40.5703	-0.010838
3.36324	83.25	88.5855	812.203	1008.39	0.044837	5.84594	40.5209	-0.012188
3.36424	83.3888	88.4487	811.748	1008.39	-0.004078	5.88989	40.4222	-0.01375
3.36524	83.5238	88.4487	811.975	1008.93	0.02038	5.87858	40.5703	-0.011875
3.36624	83.7971	88.7224	812.548	1008.93	0.024456	5.88158	40.817	-0.011875
3.36724	82.9785	88.175	812.888	1008.88	-0.004078	5.87844	40.4222	-0.011875
3.36824	83.1133	88.3118	811.748	1007.84	-0.004078	5.87719	40.4222	-0.012813
3.36924	83.5238	88.3118	811.289	1007.7	-0.008152	5.87375	40.9167	-0.011875
3.37024	83.3888	88.175	812.88	1008.8	0.028532	5.87437	40.5703	-0.012813
3.37124	83.3888	88.4487	811.975	1008.8	0.02038	5.87375	40.4222	-0.014063
3.37224	83.25	88.4487	812.203	1008.39	-0.004078	5.88812	40.5209	-0.012188
3.37324	83.3888	88.4487	811.748	1008.88	-0.004078	5.88906	40.6198	-0.01125
3.37424	83.25	88.3118	811.88	1008.88	-0.004078	5.88875	40.6198	-0.012813
3.37524	83.5238	88.4487	811.748	1007.84	-0.02038	5.88989	40.5703	-0.012813
3.37624	83.7971	88.3118	811.748	1009.07	-0.008152	5.87158	40.5703	-0.011583
3.37724	83.6603	88.4487	811.289	1007.57	-0.004078	5.87489	40.6198	-0.011583
3.37824	83.3888	88.4487	812.88	1008.93	-0.004078	5.87344	40.5209	-0.010313
3.37924	83.1133	88.3118	811.289	1008.11	-0.004078	5.87344	40.6198	-0.012813

3.38024	83.3868	88.4487	811.289	1008.11	-0.004076	5.87469	40.9157	-0.01125
3.38124	83.5236	88.4487	811.746	1008.88	-0.004076	5.87858	40.7878	-0.012813
3.38224	83.7971	88.5855	811.975	1008.93	0.02038	5.87906	40.4222	-0.012813
3.38324	83.7971	88.5855	811.746	1008.88	0.02038	5.88219	40.817	-0.012813
3.38424	82.9765	87.9013	811.518	1008.93	-0.004076	5.85437	40.7878	-0.012813
3.38524	83.5236	88.3118	811.746	1008.8	0.032609	5.83489	40.7878	-0.012813
3.38624	83.5236	88.4487	811.746	1007.84	-0.016304	5.81858	40.817	-0.012188
3.38724	83.25	88.3118	811.746	1010.03	-0.004076	5.82887	40.8196	-0.011563
3.38824	83.5236	88.3118	811.632	1007.98	-0.004076	5.89375	40.8196	-0.013125
3.38924	83.5236	87.9013	811.289	1008.39	-0.004076	5.87844	40.817	-0.010625
3.39024	83.5236	88.4487	811.746	1008.88	-0.004076	5.87969	40.8196	-0.012813
3.39124	83.25	88.175	811.289	1008.25	-0.004076	5.87989	41.0144	-0.012813
3.39224	83.5236	88.4487	811.746	1008.88	-0.004076	5.87906	40.6703	-0.011875
3.39324	83.3868	88.3118	811.289	1008.88	-0.004076	5.87719	40.8196	-0.012188
3.39424	83.5236	88.3118	811.746	1008.39	-0.004076	5.87969	40.8663	-0.011563
3.39524	83.25	88.3118	811.289	1008.52	-0.004076	5.87489	40.7183	-0.011563
3.39624	83.3868	88.175	811.289	1008.66	0.032609	5.87125	40.669	-0.013438
3.39724	83.5236	88.7224	811.289	1008.93	-0.004076	5.87125	40.8196	-0.0125
3.39824	83.5236	88.3118	811.746	1008.48	-0.004076	5.87125	40.8196	-0.012813
3.39924	83.8339	88.5855	811.289	1008.11	-0.012228	5.87219	40.7878	-0.012813
3.40024	83.3868	88.4487	812.317	1008.52	-0.004076	5.87313	40.8663	-0.009888
3.40124	83.25	88.4487	811.289	1008.8	-0.004076	5.87375	40.9157	-0.012813
3.40224	83.25	88.4487	811.061	1008.66	-0.004076	5.87219	40.7878	-0.01375
3.40325	83.3868	88.4487	811.975	1009.07	-0.004076	5.87489	40.985	-0.010938
3.40425	82.703	87.9013	811.175	1008.93	-0.004076	5.87887	40.817	-0.012188
3.40525	83.3868	88.4487	811.975	1008.8	-0.004076	5.87825	40.7183	-0.013125
3.40625	83.5236	88.4487	811.632	1009.21	0.02038	5.87989	40.8663	-0.012813
3.40725	83.5236	88.4487	811.518	1008.66	0.096885	5.87812	40.8663	-0.013438
3.40825	83.5236	88.5855	811.632	1008.93	-0.004076	5.85989	40.8663	-0.012188
3.40925	83.25	88.175	811.289	1009.48	-0.004076	5.84281	40.7183	-0.012188
3.41025	83.5236	88.4487	811.746	1008.39	-0.004076	5.82856	40.5209	-0.012188
3.41125	83.25	88.7224	812.089	1008.8	0.02038	5.81031	40.5209	-0.010938
3.41225	83.5236	88.5855	811.746	1008.93	-0.004076	5.87469	40.8196	-0.011563
3.41325	82.9765	87.7644	810.604	1008.39	-0.004076	5.88531	40.5209	-0.01375
3.41425	83.3868	88.3118	811.518	1008.93	-0.004076	5.87969	40.8663	-0.012813
3.41525	82.9765	88.3118	811.746	1008.93	-0.004076	5.88438	40.5703	-0.013438
3.41625	82.8398	88.4487	811.289	1009.21	0.028532	5.88219	40.8196	-0.01125
3.41725	83.3868	88.4487	811.518	1008.88	-0.004076	5.87887	40.8196	-0.013125
3.41825	83.6603	88.4487	811.975	1009.48	0.073369	5.87969	40.817	-0.010938
3.41925	83.5236	88.4487	811.746	1008.8	-0.004076	5.87887	40.5209	-0.012813
3.42025	83.5236	88.3118	811.061	1009.21	-0.004076	5.87406	40.3235	-0.013438
3.42125	83.6603	88.4487	811.289	1008.93	-0.004076	5.87489	40.817	-0.012188
3.42225	83.5236	88.4487	811.289	1008.8	-0.012228	5.87158	40.5209	-0.010313
3.42325	83.5236	88.175	810.718	1007.84	-0.004076	5.87313	40.8196	-0.013438
3.42425	83.7971	88.175	811.289	1008.88	0.02038	5.87469	40.7183	-0.014375
3.42525	84.3442	88.5855	811.289	1008.93	-0.004076	5.87219	40.9157	-0.012188
3.42625	83.9339	88.4487	811.746	1009.48	0.02038	5.87406	40.5209	-0.013125
3.42725	83.5236	88.4487	811.289	1009.34	0.02038	5.87656	40.8196	-0.011563
3.42825	83.5236	88.5855	811.518	1008.88	-0.004076	5.87719	40.4716	-0.011563
3.42925	83.5236	88.175	811.746	1009.21	0.044837	5.88094	40.8196	-0.010625
3.43025	82.9765	88.175	811.175	1008.93	-0.012228	5.88469	40.5209	-0.012813
3.43125	83.7971	88.4487	811.289	1009.34	-0.004076	5.88344	40.5209	-0.012813

3.43225	83.7971	87.9013	811.081	1008.39	-0.012228	5.87344	40.4222	-0.012813
3.43325	83.7971	88.4487	811.748	1008.39	-0.008152	5.85344	40.9729	-0.010313
3.43425	83.1133	88.0381	811.748	1008.88	-0.004076	5.83312	40.2742	-0.015313
3.43525	83.7971	88.3118	811.289	1008.21	0.024456	5.81344	40.6209	-0.014063
3.43625	83.5236	88.5855	811.289	1008.8	-0.004076	5.84844	40.4222	-0.012188
3.43725	83.8803	88.4487	811.748	1009.21	-0.004076	5.89887	40.4222	-0.012188
3.43825	83.8803	88.7224	811.289	1009.48	-0.004076	5.86344	40.3729	-0.01375
3.43925	83.25	88.3118	811.175	1008.39	0.028532	5.88489	40.2742	-0.011563
3.44025	83.5236	88.4487	810.804	1008.66	0.024456	5.88094	40.2249	-0.01125
3.44125	83.9339	88.5855	811.175	1008.88	-0.004076	5.88156	40.2249	-0.012813
3.44225	83.5236	88.3118	811.289	1009.48	-0.004076	5.88156	40.3235	-0.012813
3.44325	83.7971	88.3118	811.832	1008.8	-0.004076	5.87781	40.3235	-0.011563
3.44425	83.9339	88.175	811.081	1008.93	-0.004076	5.87531	40.1262	-0.011875
3.44525	83.5236	88.3118	810.718	1008.11	-0.004076	5.87156	39.9288	-0.014375
3.44625	84.0708	88.8582	811.289	1009.48	0.038885	5.86989	39.8301	-0.014375
3.44725	83.5236	88.4487	811.175	1008.93	-0.004076	5.87281	40.2249	-0.012813
3.44825	83.7971	88.4487	811.518	1008.66	0.02038	5.87858	39.9781	-0.014063
3.44925	83.5236	88.4487	811.081	1008.93	-0.004076	5.87719	40.2742	-0.012813
3.45025	83.9339	88.4487	811.175	1008.8	-0.004076	5.87408	40.0275	-0.012813
3.45125	84.0708	88.7224	811.748	1008.66	0.044837	5.87887	40.2249	-0.012813
3.45225	83.9339	88.4487	811.289	1008.93	-0.008152	5.87781	39.9781	-0.01375
3.45325	83.8803	88.3118	810.49	1008.93	-0.004076	5.87844	40.1262	-0.012813
3.45425	83.5236	88.0381	810.832	1008.66	-0.004076	5.88094	39.8301	-0.013438
3.45525	83.7971	88.4487	811.748	1008.8	-0.004076	5.87806	39.8301	-0.014063
3.45625	83.5236	88.175	811.748	1008.39	-0.004076	5.88125	39.8794	-0.010938
3.45725	83.7971	88.3118	811.289	1008.8	-0.004076	5.88844	39.9288	-0.012188
3.45825	83.5236	88.4487	810.947	1008.39	-0.004076	5.84312	39.9781	-0.013125
3.45925	83.5236	88.4487	811.175	1009.21	0.024456	5.82489	39.8301	-0.012813
3.46025	83.9339	88.4487	811.081	1009.07	-0.004076	5.81582	39.8794	-0.010313
3.46125	83.25	88.3118	811.081	1008.39	-0.004076	5.88219	39.4353	-0.012813
3.46225	83.5236	87.9013	811.081	1009.34	0.081141	5.88531	39.7314	-0.011875
3.46325	83.9339	88.7224	811.832	1008.39	-0.004076	5.88219	39.8327	-0.011563
3.46425	83.3868	87.9013	810.718	1009.48	-0.004076	5.87989	39.4353	-0.011875
3.46525	84.0708	88.4487	811.289	1008.39	-0.004076	5.87844	39.4353	-0.012813
3.46625	83.5236	88.3118	810.947	1008.39	-0.004076	5.87719	39.6821	-0.01125
3.46725	83.9339	88.4487	810.804	1007.84	-0.008152	5.87344	39.0406	-0.014888
3.46825	83.25	88.0381	810.378	1008.39	-0.004076	5.87489	39.534	-0.012813
3.46925	83.5236	87.9013	810.832	1008.39	-0.004076	5.87281	39.9288	-0.011563
3.47025	83.7971	88.4487	811.081	1009.21	-0.004076	5.88989	39.3366	-0.012813
3.47125	83.7971	88.175	811.081	1007.98	0.024456	5.87281	39.534	-0.012813
3.47225	83.9339	88.4487	811.081	1008.66	-0.004076	5.87094	39.3366	-0.010938
3.47325	83.5236	87.7844	810.804	1009.21	0.040761	5.87281	39.386	-0.012188
3.47425	83.5236	88.175	811.175	1008.93	-0.004076	5.87344	39.0406	-0.014888
3.47525	84.3442	88.7224	811.175	1008.39	-0.02038	5.87313	39.238	-0.012188
3.47625	83.9339	88.4487	810.832	1008.39	-0.004076	5.87437	39.4353	-0.011563
3.47725	84.2074	88.7224	811.289	1009.07	-0.004076	5.87858	39.3366	-0.010825
3.47825	83.7971	88.3118	811.081	1007.84	-0.038885	5.87719	38.8432	-0.013125
3.47925	84.0708	88.7224	810.718	1008.52	-0.004076	5.87906	39.4353	-0.011563
3.48025	84.2074	88.7224	811.289	1009.34	0.02038	5.88219	39.6821	-0.012188
3.48125	83.9339	88.4487	811.081	1008.66	-0.004076	5.87906	39.0406	-0.013125
3.48225	83.9339	88.5855	811.289	1008.25	-0.004076	5.85812	39.0406	-0.012188
3.48325	84.0708	88.175	810.718	1008.66	-0.004076	5.83312	38.9419	-0.012813

3.48425	84.0706	88.5855	811.175	1009.48	0.036885	5.81344	38.9912	-0.012188
3.48625	84.0706	87.8276	810.832	1008.93	-0.004076	5.82594	38.8458	-0.012813
3.48825	83.9339	88.4487	810.832	1008.25	-0.004076	5.89344	38.7939	-0.012188
3.48725	84.0706	88.3118	810.832	1009.48	-0.004076	5.87844	38.8925	-0.011563
3.48825	83.5236	87.9013	810.947	1007.84	-0.004076	5.87969	38.7446	-0.010313
3.48925	84.3442	88.8582	810.147	1007.29	-0.036885	5.87868	38.3498	-0.015313
3.49025	83.9339	88.4487	810.261	1007.57	-0.024456	6.87781	38.8952	-0.0125
3.49125	83.7971	87.9013	810.832	1008.25	-0.004076	5.87658	38.9419	-0.012813
3.49225	83.5236	88.3118	810.718	1008.25	0.02038	5.87781	38.4978	-0.012813
3.49325	84.3442	88.9981	811.289	1008.39	-0.004076	5.87719	38.8458	-0.011563
3.49425	84.2074	88.7224	811.061	1007.84	-0.008152	5.87094	38.4484	-0.011563
3.49525	83.9339	88.4487	811.289	1008.93	0.052989	5.87562	38.4484	-0.011563
3.49625	83.3888	88.175	810.832	1008.39	-0.004076	5.87562	38.3498	-0.012813
3.49725	83.9339	88.3118	811.175	1009.34	-0.004076	5.87437	38.3498	-0.011563
3.49825	83.9339	88.0381	810.718	1008.11	-0.004076	6.87219	38.2511	-0.014063
3.49925	83.9339	88.175	810.832	1008.11	-0.004076	5.87489	38.3004	-0.012813
3.50025	84.3442	88.7224	810.804	1007.84	-0.02038	5.87437	37.8563	-0.014688
3.50125	84.3442	88.4487	810.832	1008.39	0.02038	5.87856	38.2511	-0.013125
3.50225	83.9339	88.4487	810.947	1008.66	-0.004076	5.87781	38.8458	-0.01125
3.50325	84.3442	88.5855	811.175	1009.07	-0.004076	5.87719	38.1524	-0.012188
3.50425	83.6603	87.7644	810.804	1008.25	-0.004076	5.88219	38.3498	-0.012188
3.50525	83.7971	88.4487	810.718	1008.11	-0.004076	5.87908	38.0537	-0.012813
3.50625	83.9339	88.175	810.832	1008.25	0.065217	5.86781	38.0043	-0.013125
3.50725	83.9339	88.4487	811.061	1008.25	-0.004076	5.84406	38.0537	-0.013125
3.50825	83.9339	88.0381	811.061	1008.39	-0.004076	5.82887	38.1524	-0.012813
3.50925	84.0706	88.3118	810.832	1008.11	-0.004076	5.80781	38.2017	-0.012188
3.51025	83.7971	88.3118	811.061	1008.11	-0.004076	5.85489	38.0043	-0.011875
3.51125	83.9339	88.4487	810.718	1008.47	-0.044837	6.88876	37.4615	-0.011563
3.51225	84.2074	88.4487	810.947	1008.11	-0.004076	5.87594	37.7676	-0.01125
3.51325	83.9339	88.175	810.804	1007.02	-0.004076	6.87969	38.3498	-0.012188
3.51425	83.9339	88.0381	810.947	1008.25	-0.004076	5.88094	37.9057	-0.013438
3.51525	84.0706	88.4487	811.289	1008.52	-0.004076	5.87812	37.4615	-0.013125
3.51625	83.7971	88.3118	810.804	1007.84	-0.004076	5.87844	37.7083	-0.011875
3.51725	83.9339	88.175	810.376	1007.84	-0.004076	5.87531	37.4615	-0.012813
3.51825	83.7971	88.175	810.832	1008.39	0.028532	5.87408	37.5802	-0.013125
3.51925	84.0706	88.175	810.947	1008.11	-0.004076	5.87219	37.5802	-0.013438
3.52025	83.5236	88.175	811.061	1008.11	-0.004076	5.87187	37.8098	-0.012813
3.52125	84.0706	88.7224	810.832	1007.29	-0.012228	5.86969	37.8589	-0.011563
3.52225	84.0706	88.4487	810.261	1006.2	-0.040761	5.86969	37.0174	-0.015313
3.52325	84.2074	88.4487	810.376	1007.29	-0.008152	5.87219	37.5802	-0.014063
3.52425	83.5236	88.0381	811.061	1007.98	-0.004076	5.87168	37.8098	-0.012813
3.52525	83.9339	88.175	811.061	1008.11	-0.004076	5.87281	37.3629	-0.013125
3.52625	84.0706	88.175	811.061	1007.84	-0.004076	5.87908	37.8098	-0.012188
3.52725	84.2074	88.4487	810.376	1007.7	-0.004076	5.87408	37.3629	-0.011563
3.52825	84.2074	88.4487	810.832	1007.29	0.040761	5.87687	37.4615	-0.012813
3.52925	84.0706	88.3118	810.718	1007.29	-0.004076	5.87658	37.3629	-0.010625
3.53025	84.2074	88.3118	810.832	1007.84	-0.004076	5.87594	37.3629	-0.011563
3.53125	84.0706	88.3118	811.061	1007.29	-0.012228	5.88219	37.3629	-0.012188
3.53225	84.0706	88.0381	810.718	1007.84	-0.004076	5.83969	37.4615	-0.012813
3.53325	84.0706	88.3118	811.289	1007.02	-0.016304	5.81938	37.0888	-0.010938
3.53425	84.2074	88.3118	810.947	1007.29	-0.012228	5.80531	37.2148	-0.012813
3.53525	84.2074	88.3118	811.289	1007.29	-0.004076	5.88408	37.4122	-0.012813

3.53825	84.3442	88.3118	810.947	1007.29	-0.006152	5.88594	36.8894	-0.014063
3.53725	84.2074	88.3118	810.832	1007.84	0.02038	5.87969	37.2642	-0.011563
3.53825	84.3442	88.175	810.832	1007.02	-0.004076	5.88219	37.1655	-0.011875
3.53825	83.5236	88.4487	811.289	1008.11	0.028532	5.87781	37.0668	-0.010313
3.54025	84.0708	88.4487	810.832	1007.57	0.036685	5.87582	36.9188	-0.012168
3.54125	84.0708	88.3118	811.081	1007.84	-0.004076	5.87489	36.9681	-0.012813
3.54228	84.2074	88.4487	811.081	1008.11	-0.004076	5.87219	36.9188	-0.012168
3.54328	84.3442	88.4487	810.718	1007.02	-0.004076	5.87156	36.8201	-0.012813
3.54428	84.2074	88.5855	811.289	1008.75	-0.024456	5.87063	36.872	-0.011875
3.54528	84.2074	88.3118	810.147	1007.29	-0.004076	5.86969	36.9188	-0.010838
3.54828	84.8178	88.4487	811.175	1007.29	-0.004076	5.86937	37.4615	-0.012188
3.54728	84.8178	88.3118	811.175	1007.29	-0.004076	5.87187	36.8201	-0.013438
3.54828	84.0708	88.7224	810.832	1008.11	-0.004076	5.86969	37.0174	-0.013125
3.54928	84.2074	88.5855	810.947	1007.57	-0.004076	5.86908	36.8894	-0.011875
3.55028	84.2074	88.4487	811.175	1007.29	0.036685	5.87344	36.8201	-0.012813
3.55128	84.2074	88.4487	811.289	1007.02	-0.004076	5.87219	36.7707	-0.012188
3.55228	83.9339	88.3118	811.175	1007.29	-0.004076	5.87531	36.8201	-0.013125
3.55328	83.9339	88.7224	811.175	1007.29	-0.004076	5.87908	36.7707	-0.011563
3.55428	84.0708	88.4487	810.947	1008.75	-0.02038	5.87908	36.7214	-0.012813
3.55528	84.0708	88.3118	811.289	1008.2	-0.004076	5.87969	36.672	-0.010313
3.55628	84.0708	88.175	810.718	1008.75	-0.004076	5.86969	36.4747	-0.015313
3.55728	84.2074	88.3118	811.289	1007.02	-0.004076	5.84489	37.2148	-0.012188
3.55828	84.2074	88.3118	811.289	1007.02	-0.004076	5.82344	36.8227	-0.012813
3.55928	84.2074	88.3118	811.289	1007.02	-0.004076	5.80844	36.4747	-0.012188
3.56028	84.3442	88.7224	811.289	1008.75	-0.004076	5.86969	36.8894	-0.010625
3.56128	84.2074	88.4487	811.289	1007.02	-0.004076	5.88556	36.672	-0.011563
3.56228	84.0708	88.0381	811.746	1007.02	-0.004076	5.87969	36.8227	-0.01125
3.56328	84.3442	88.4487	811.832	1007.02	-0.004076	5.87844	36.5733	-0.011875
3.56428	84.0708	88.3118	811.746	1008.39	-0.004076	5.87856	36.5733	-0.012813
3.56528	84.3442	88.7224	811.289	1008.47	-0.016304	5.87531	36.4747	-0.012188
3.56628	84.2074	88.175	811.081	1008.88	0.02038	5.87408	36.4747	-0.01125
3.56728	84.2074	88.7224	810.832	1008.2	-0.004076	5.86969	36.0799	-0.014375
3.56828	84.2074	88.3118	811.081	1005.85	-0.012228	5.86969	37.1655	-0.011875
3.56928	84.0708	88.4487	811.175	1006.2	-0.004076	5.86812	36.8227	-0.012813
3.57028	84.3442	88.4487	811.081	1008.47	0.024456	5.86844	36.672	-0.01125
3.57128	84.2074	88.4487	810.832	1005.93	-0.004076	5.87094	36.2773	-0.012813
3.57228	84.2074	88.5855	811.289	1006.2	-0.004076	5.86875	36.8227	-0.012813
3.57328	84.3442	88.4487	811.289	1006.08	-0.004076	5.86875	36.4253	-0.013125
3.57428	83.9339	88.175	811.289	1005.93	-0.016304	5.86969	36.4747	-0.012813
3.57528	84.0708	88.3118	811.289	1008.75	-0.004076	5.86908	36.5733	-0.011875
3.57628	84.0708	88.175	811.081	1005.93	-0.012228	5.86969	36.5733	-0.011563
3.57728	84.3442	88.3118	811.746	1005.93	-0.004076	5.87408	36.5733	-0.00875
3.57828	84.3442	88.4487	810.947	1005.65	-0.012228	5.87375	36.4747	-0.012813
3.57928	84.0708	88.3118	811.289	1006.2	-0.004076	5.87469	37.0174	-0.012188
3.58028	84.481	88.8592	811.746	1005.79	-0.004076	5.87719	36.8227	-0.011875
3.58128	84.2074	88.4487	811.289	1005.93	-0.004076	5.86887	36.672	-0.012188
3.58228	83.9339	88.0381	811.289	1005.85	-0.004076	5.83969	36.376	-0.01375
3.58328	84.481	88.4487	811.975	1005.85	-0.004076	5.82094	36.672	-0.010938
3.58428	84.3442	88.4487	811.289	1005.11	0.028532	5.80281	36.4253	-0.012813
3.58528	83.9339	88.4487	811.746	1005.11	-0.004076	5.86281	36.672	-0.011875
3.58628	84.2074	88.4487	811.289	1006.47	-0.004076	5.88219	36.8227	-0.012813
3.58728	84.2074	88.175	811.832	1005.11	-0.012228	5.87344	36.8227	-0.012188

3.58826	84.0706	88.0381	812.089	1005.65	-0.004076	5.87375	36.524	-0.009888
3.58926	84.0706	88.4487	811.746	1005.65	-0.004076	5.87437	36.4747	-0.012813
3.59026	84.3442	88.3118	811.86	1005.52	-0.004076	5.87408	36.8894	-0.013438
3.59126	84.481	88.3118	811.289	1005.11	-0.008152	5.87156	36.524	-0.012188
3.59226	84.0706	88.175	811.632	1005.11	-0.004076	5.87408	36.6227	-0.013125
3.59326	84.3442	88.3118	811.975	1005.11	-0.004076	5.88989	36.672	-0.011875
3.59426	84.6178	88.7224	811.746	1005.11	-0.004076	5.88594	36.6227	-0.0125
3.59526	84.3442	88.5855	812.203	1005.65	0.028532	5.88489	36.672	-0.010313
3.59626	84.2074	88.3118	812.546	1005.65	-0.004076	5.86719	36.8894	-0.010938
3.59726	84.481	88.175	811.86	1005.52	-0.004076	5.86594	36.672	-0.012188
3.59826	84.481	88.4487	812.203	1004.58	-0.004076	5.86719	36.8201	-0.012188
3.59926	84.3442	88.4487	812.774	1004.02	-0.012228	5.88825	36.8894	-0.010313
3.60026	84.481	88.175	811.632	1003.88	-0.004076	5.86582	36.9188	-0.01375
3.60126	84.481	88.4487	811.86	1004.97	0.02038	5.86875	36.9188	-0.012188
3.60226	84.3442	88.4487	811.975	1004.7	-0.004076	5.87094	37.0888	-0.012813
3.60326	84.6178	88.7224	811.975	1004.84	0.02038	5.86989	37.1655	-0.012813
3.60426	83.7971	88.9961	812.546	1004.97	-0.004076	5.87344	36.8201	-0.014063
3.60526	84.2074	88.5855	812.431	1004.97	-0.004076	5.87344	37.0888	-0.014063
3.60626	84.3442	88.3118	811.975	1004.43	0.028532	5.85781	36.7707	-0.014375
3.60726	84.6178	88.7224	812.431	1004.58	-0.004076	5.83858	36.9881	-0.012813
3.60826	84.6178	88.4487	811.86	1004.28	-0.004076	5.81812	36.9881	-0.012188
3.60926	84.3442	88.4487	812.203	1003.61	-0.004076	5.80344	37.1161	-0.011563
3.61026	83.9339	87.9013	812.888	1004.02	-0.004076	5.84856	36.8894	-0.010313
3.61126	84.481	88.4487	811.632	1003.61	-0.004076	5.86594	36.8894	-0.014063
3.61226	84.0706	87.9013	812.203	1004.29	-0.004076	5.87219	37.6588	-0.012188
3.61326	84.0706	88.3118	811.975	1004.29	-0.004076	5.87531	37.1161	-0.012813
3.61426	84.6178	88.4487	812.089	1004.84	-0.004076	5.87489	37.0888	-0.013125
3.61526	84.3442	88.4487	811.975	1003.88	-0.004076	5.87219	37.1855	-0.012188
3.61626	84.6178	88.4487	812.546	1004.43	0.02038	5.87083	37.0888	-0.012188
3.61726	84.481	88.4487	812.431	1003.74	0.028532	5.87156	37.2148	-0.012813
3.61826	84.481	88.4487	811.746	1003.88	-0.004076	5.86594	36.9881	-0.013438
3.61926	83.9339	88.175	812.431	1005.52	0.024456	5.86594	37.2148	-0.012188
3.62026	84.3442	88.3118	812.089	1003.47	-0.004076	5.86489	37.2642	-0.012188
3.62126	84.481	88.3118	811.975	1003.74	-0.004076	5.86312	36.9188	-0.010938
3.62226	84.3442	88.175	811.746	1003.47	-0.004076	5.86219	37.2642	-0.01375
3.62326	84.6178	88.4487	811.975	1003.47	-0.004076	5.86406	37.2148	-0.014063
3.62426	84.481	88.175	811.975	1003.2	-0.004076	5.86489	37.4615	-0.013438
3.62526	84.481	88.4487	811.975	1003.74	0.02038	5.86406	37.1161	-0.012813
3.62626	85.1649	88.8592	812.888	1004.15	0.024456	5.87156	37.4615	-0.010625
3.62726	84.481	88.175	812.203	1003.47	-0.004076	5.86719	37.3135	-0.011663
3.62826	84.6178	88.7224	812.089	1002.82	0.02038	5.86906	37.1161	-0.012813
3.62926	84.6178	88.5855	812.546	1003.47	-0.004076	5.87344	37.3629	-0.012813
3.63026	84.6178	88.8592	813.117	1004.28	0.028532	5.87408	37.2642	-0.012813
3.63126	84.6178	88.175	811.975	1002.51	-0.004076	5.86719	37.4615	-0.011875
3.63226	84.3442	88.4487	812.203	1001.89	-0.004076	5.84344	37.3629	-0.012813
3.63326	84.8913	88.5855	812.888	1002.38	-0.008152	5.82406	37.2148	-0.012813
3.63426	84.3442	88.4487	812.68	1002.38	0.024456	5.80489	37.6096	-0.012813
3.63526	84.481	88.3118	812.089	1002.51	-0.004076	5.82594	37.3629	-0.012188
3.63626	84.6178	88.4487	812.431	1002.92	0.028532	5.86781	37.2148	-0.013438
3.63726	84.6178	88.7224	812.888	1002.92	-0.004076	5.87156	37.4122	-0.012813
3.63826	84.6178	88.7224	812.774	1003.2	-0.004076	5.87344	37.0668	-0.014688
3.63926	84.6178	88.5855	812.68	1002.92	0.081141	5.87375	37.4615	-0.01125

3.64026	84.6178	88.7224	812.88	1002.79	-0.004078	5.88906	37.6096	-0.012188
3.64126	84.481	88.4487	812.888	1003.81	-0.004078	5.88906	37.2842	-0.013438
3.64226	84.8913	88.4487	812.888	1002.1	-0.008152	5.88719	37.3628	-0.013438
3.64326	84.0706	87.9013	813.574	1002.38	-0.004078	5.88582	37.4815	-0.008888
3.64426	84.6178	88.4487	812.88	1002.24	-0.004078	5.88489	37.5109	-0.012188
3.64526	84.2074	88.3118	812.548	1001.83	-0.004078	5.88408	37.2842	-0.012188
3.64626	84.481	88.3118	813.003	1001.83	-0.004078	5.88375	37.7083	-0.011563
3.64726	84.6178	88.4487	813.117	1002.85	-0.004078	5.88781	37.5802	-0.012813
3.64826	84.8913	88.9861	813.574	1002.92	0.024458	5.88844	37.7576	-0.011876
3.64926	84.6178	88.3118	812.203	1001.83	-0.004078	5.88531	37.7576	-0.011563
3.65026	84.0706	88.7224	813.345	1002.24	0.028532	5.88489	37.6096	-0.012813
3.65126	84.2074	88.4487	812.774	1001.83	-0.004078	5.88584	37.4815	-0.010938
3.65226	84.6178	88.4487	812.431	1002.92	-0.004078	5.88658	37.8589	-0.011563
3.65326	85.0281	88.3118	813.117	1001.42	-0.004078	5.88719	37.5802	-0.012813
3.65426	84.6178	88.4487	813.459	1001.83	0.02038	5.87094	37.7576	-0.010313
3.65526	83.9339	87.9013	812.431	1000.19	-0.02038	5.88781	37.3629	-0.014083
3.65626	84.481	88.4487	812.88	1001.15	-0.004078	5.88989	37.6096	-0.013438
3.65726	84.6178	88.5855	813.003	1001.15	-0.004078	5.88489	38.0537	-0.013125
3.65826	84.6178	88.5855	813.459	1001.28	-0.004078	5.83158	37.8583	-0.013438
3.65926	84.6178	88.5855	813.003	1001.15	-0.004078	5.81156	37.7576	-0.011563
3.66026	84.6178	88.175	812.88	1001.83	-0.004078	5.80858	37.8589	-0.012188
3.66126	84.3442	87.7644	813.574	1001.58	0.061141	5.87781	37.8589	-0.0125
3.66226	84.481	88.4487	813.574	1001.28	-0.004078	5.87219	37.8589	-0.012188
3.66326	84.6178	88.5855	813.117	1001.58	-0.004078	5.87219	37.8589	-0.011876
3.66426	84.6178	88.3118	813.117	1000.9	-0.004078	5.86989	37.7576	-0.013438
3.66526	84.6178	88.5855	813.117	1000.74	-0.008152	5.88719	37.807	-0.011563
3.66626	84.6178	88.3118	813.003	1001.15	-0.008152	5.88844	37.7576	-0.012813
3.66726	84.6178	88.4487	813.345	1000.74	-0.004078	5.88858	37.6096	-0.012813
3.66826	84.6178	88.4487	812.888	1001.01	0.036685	5.88858	38.2511	-0.012188
3.66926	84.3442	88.4487	813.574	1001.15	0.024458	5.88489	37.5802	-0.0125
3.67026	84.3442	88.3118	813.459	1000.74	-0.004078	5.86437	37.807	-0.012813
3.67126	84.6178	88.7224	813.117	1000.46	-0.004078	5.85906	37.8583	-0.012813
3.67226	84.481	88.4487	813.003	1000.19	0.028532	5.85989	37.7576	-0.013125
3.67326	84.6178	88.175	813.117	1001.01	-0.004078	5.88094	37.955	-0.01125
3.67426	85.3017	88.9861	814.031	1001.58	-0.004078	5.85989	37.8583	-0.012813
3.67526	84.481	88.4487	812.888	1000.74	-0.004078	5.86156	37.955	-0.014376
3.67626	84.3442	88.4487	814.031	1000.74	-0.004078	5.86344	37.955	-0.011563
3.67726	84.481	88.4487	813.117	999.918	-0.004078	5.88408	37.7576	-0.013125
3.67826	84.2074	88.3118	813.459	1000.74	-0.004078	5.88858	37.955	-0.012813
3.67926	84.6178	87.7644	813.117	1000.19	-0.004078	5.88719	38.103	-0.012188
3.68026	84.6178	88.7224	813.345	999.845	-0.004078	5.88489	37.8583	-0.012813
3.68127	84.3442	88.175	813.117	1000.19	-0.012228	5.88844	38.0537	-0.01125
3.68227	84.2074	88.5855	814.031	1000.74	0.036685	5.88344	37.8583	-0.0125
3.68327	84.6178	88.3118	813.117	1000.05	0.028532	5.83719	37.955	-0.012188
3.68427	85.0281	88.5855	813.802	1000.05	-0.012228	5.81858	37.955	-0.011563
3.68527	84.481	88.175	813.574	1000.33	-0.004078	5.79838	38.0537	-0.011563
3.68627	84.6178	88.5855	813.918	1000.19	-0.004078	5.82844	38.1524	-0.011563
3.68727	84.2074	87.9013	813.574	999.918	-0.004078	5.87094	38.1524	-0.014083
3.68827	84.6178	88.3118	812.88	998.982	-0.02038	5.86344	37.8589	-0.015825
3.68927	84.3442	88.0381	813.459	999.845	-0.004078	5.86858	37.8583	-0.014083
3.69027	84.6178	88.4487	813.574	999.781	-0.004078	5.86489	38.3498	-0.012813
3.69127	85.4385	88.4487	813.574	999.918	-0.008152	5.86489	37.955	-0.012813

3.69227	84.6178	88.4487	813.802	1000.19	-0.004076	5.88344	37.955	-0.012188
3.69327	84.481	87.9013	812.888	999.372	-0.004076	5.85989	38.1524	-0.012188
3.69427	84.481	88.4487	813.888	1000.06	0.032609	5.85844	38.0537	-0.012813
3.69527	84.6178	88.5855	813.574	999.508	-0.004076	5.85658	37.955	-0.0125
3.69627	84.2074	88.8592	813.918	999.845	-0.004076	5.85626	38.109	-0.011875
3.69727	84.6178	87.9013	813.574	999.845	-0.004076	5.85656	38.0043	-0.012813
3.69827	84.6178	88.0381	813.802	999.845	-0.004076	5.85719	37.9057	-0.0125
3.69927	84.6178	87.9013	814.259	998.552	-0.02038	5.85489	37.807	-0.013438
3.70027	84.481	88.3118	813.459	999.508	-0.004076	5.85938	38.2511	-0.012813
3.70127	84.6178	88.7224	813.918	999.845	-0.004076	5.85989	38.1524	-0.011875
3.70227	84.3442	88.3118	813.574	999.845	0.024456	5.85989	38.0537	-0.013438
3.70327	84.6178	88.7224	813.802	999.845	0.028532	5.86437	38.1524	-0.011563
3.70427	84.481	88.4487	814.031	999.845	-0.004076	5.86219	38.0537	-0.0125
3.70527	84.6178	88.3118	814.031	999.845	0.044837	5.86469	38.103	-0.012188
3.70627	84.481	87.8278	813.117	998.552	-0.008152	5.86858	38.2511	-0.011563
3.70727	84.6178	88.3118	813.574	1000.06	-0.02038	5.86437	38.3991	-0.011563
3.70827	84.6178	88.4487	813.888	999.508	-0.004076	5.84312	38.1524	-0.011563
3.70927	84.6178	88.3118	814.031	999.099	0.024456	5.82344	38.2017	-0.013125
3.71027	84.6178	88.5855	813.345	997.733	-0.044837	5.80281	37.8589	-0.013438
3.71127	85.0281	88.9981	814.031	999.099	-0.004076	5.79858	38.1524	-0.012813
3.71227	84.6178	88.4487	814.031	999.099	-0.004076	5.88584	38.4484	-0.012188
3.71327	84.481	88.175	813.574	999.845	-0.004076	5.88658	37.9057	-0.013438
3.71427	84.481	88.3118	814.031	999.845	0.02038	5.88781	38.103	-0.012813
3.71527	84.3442	88.3118	814.031	999.508	-0.004076	5.86344	38.1524	-0.011563
3.71627	84.481	87.7644	814.031	999.372	-0.004076	5.86344	38.0637	-0.012813
3.71727	84.6913	88.175	813.918	998.825	-0.004076	5.85989	37.8583	-0.012188
3.71827	83.7971	88.7224	813.918	998.825	-0.004076	5.85989	38.0537	-0.011563
3.71927	84.6178	88.3118	813.802	998.825	-0.004076	5.85844	38.3004	-0.011563
3.72027	84.6178	88.7224	813.802	998.862	-0.004076	5.85781	38.0537	-0.012188
3.72127	84.481	88.3118	813.117	997.46	-0.024456	5.85281	37.7576	-0.014063
3.72227	84.481	88.3118	813.574	998.862	-0.004076	5.85694	38.103	-0.012813
3.72327	84.6178	88.4487	813.918	999.099	-0.004076	5.85489	38.8432	-0.012188
3.72427	84.6178	88.7224	814.031	999.099	0.02038	5.85719	38.2511	-0.013125
3.72527	84.6178	88.4487	814.031	998.552	-0.004076	5.85989	38.0537	-0.013438
3.72627	84.6178	88.4487	813.802	999.099	-0.004076	5.85582	38.0537	-0.013438
3.72727	84.6178	88.4487	813.574	998.008	-0.004076	5.85594	38.0537	-0.010938
3.72827	84.6178	88.4487	813.802	998.552	-0.004076	5.85812	38.1524	-0.011875
3.72927	84.6178	88.9981	814.373	999.099	-0.004076	5.85844	38.0043	-0.012813
3.73027	84.2074	87.7644	813.574	999.099	-0.004076	5.85844	38.0537	-0.012813
3.73127	84.481	88.4487	813.888	998.279	-0.012228	5.86094	38.0043	-0.010625
3.73227	84.6178	88.4487	812.888	997.186	-0.02038	5.88094	37.7083	-0.015313
3.73327	84.481	88.4487	813.117	998.142	-0.004076	5.85989	38.0537	-0.013438
3.73427	84.6178	88.175	813.918	998.552	-0.004076	5.83719	38.2511	-0.012813
3.73527	84.6178	88.5855	813.574	998.825	-0.004076	5.81938	38.0537	-0.012813
3.73627	84.6178	88.4487	813.802	997.46	-0.004076	5.79781	38.2017	-0.012813
3.73727	84.8913	88.4487	813.574	998.142	-0.004076	5.80813	38.1524	-0.01125
3.73827	85.3017	88.8592	814.031	998.962	0.052969	5.87812	38.0537	-0.012813
3.73927	85.1649	88.7224	814.145	998.825	0.028532	5.86094	38.0043	-0.011563
3.74027	84.6178	88.4487	814.031	998.825	-0.004076	5.86469	38.0537	-0.012813
3.74127	84.6178	88.4487	814.259	999.845	0.028532	5.86408	38.2511	-0.011875
3.74227	84.6178	88.4487	814.031	998.279	-0.004076	5.86158	38.2511	-0.010625
3.74327	84.2074	88.3118	813.117	997.323	-0.040761	5.85989	37.8589	-0.015625

3.74427	84.8178	88.4487	813.459	997.889	-0.004076	5.88408	38.2017	-0.013125
3.74527	84.8178	88.3118	813.574	999.099	0.02038	5.85908	38.4484	-0.011583
3.74627	84.2074	88.8592	813.918	998.552	-0.004076	5.85781	38.0537	-0.014083
3.74727	84.3442	88.3118	814.031	998.552	-0.004076	5.85781	38.2511	-0.012189
3.74827	84.8178	87.9013	813.574	998.689	0.028532	5.85437	38.0537	-0.014083
3.74927	85.1648	88.7224	814.031	998.552	0.044837	5.85719	38.1524	-0.012813
3.75027	84.0708	87.9013	813.688	998.825	-0.004076	5.85781	38.1524	-0.011875
3.75127	84.8178	88.3118	814.259	998.982	-0.004076	5.85908	38.2017	-0.012188
3.75227	85.4385	88.8592	814.259	999.099	-0.004076	5.85844	38.2017	-0.012813
3.75327	85.0281	88.4487	813.802	998.279	-0.004076	5.88084	38.2511	-0.011875
3.75427	84.8178	88.4487	814.487	997.889	-0.02038	5.85988	38.103	-0.009063
3.75527	84.8178	87.9013	813.345	998.142	-0.004076	5.88084	38.0043	-0.01375
3.75627	84.8913	88.7224	813.574	998.008	-0.004076	5.88281	38.5471	-0.012813
3.75727	84.8178	88.4487	813.345	998.008	-0.004076	5.88594	38.1524	-0.012813
3.75827	85.3017	88.7224	814.487	998.279	-0.004076	5.88594	38.1524	-0.012813
3.75927	84.8178	88.3118	813.802	998.142	-0.004076	5.85938	38.2511	-0.012813
3.76027	84.0708	87.9013	813.117	997.889	-0.004076	5.83912	37.8583	-0.01125
3.76127	84.8178	88.4487	813.574	998.142	0.028532	5.81158	38.0043	-0.010938
3.76227	85.4385	88.9981	814.259	998.552	0.028532	5.79719	38.1524	-0.010313
3.76327	85.0281	88.3118	813.574	998.279	-0.004076	5.84989	38.2511	-0.011583
3.76427	84.8178	88.3118	814.031	997.48	-0.012228	5.87489	38.0537	-0.012188
3.76527	84.8178	88.175	814.487	997.889	-0.004076	5.88375	38.0537	-0.011583
3.76627	84.8178	88.3118	813.345	998.008	-0.004076	5.88781	38.0043	-0.01375
3.76727	84.8178	88.3118	813.574	997.48	-0.012228	5.85908	38.1524	-0.012813
3.76827	84.8913	88.0381	813.345	998.552	-0.004076	5.88344	38.0537	-0.011875
3.76927	84.8178	88.4487	813.459	998.008	-0.004076	5.88489	38.2017	-0.011583
3.77027	84.8178	88.8592	813.574	998.552	-0.004076	5.85988	38.1524	-0.012188
3.77127	84.8178	87.9013	813.117	998.982	0.02038	5.85812	38.2017	-0.011583
3.77227	84.8178	88.3118	813.345	997.188	-0.004076	5.85781	38.1524	-0.012813
3.77327	84.8178	88.3118	813.117	998.279	-0.004076	5.83281	38.0043	-0.012189
3.77427	84.8913	88.4487	813.918	998.279	-0.004076	5.85313	37.855	-0.010913
3.77527	84.3442	88.7224	814.031	998.008	-0.004076	5.85719	38.2017	-0.012813
3.77627	84.8178	88.3118	814.944	998.142	-0.004076	5.85719	38.2511	-0.010313
3.77727	84.8178	88.3118	812.774	998.279	-0.004076	5.85719	38.0537	-0.013125
3.77827	85.4385	88.9981	814.259	998.552	0.02038	5.88219	38.5471	-0.011875
3.77927	84.8178	88.4487	813.574	998.008	0.02038	5.88219	38.2511	-0.012813
3.78027	85.0281	88.4487	813.345	997.889	-0.004076	5.88344	38.2017	-0.012813
3.78127	84.8178	88.3118	813.117	998.008	-0.004076	5.88408	38.3004	-0.011875
3.78227	84.8913	88.8592	813.802	998.142	-0.004076	5.88489	38.2511	-0.012188
3.78327	84.8178	88.4487	813.459	997.733	0.028532	5.88594	38.4484	-0.011583
3.78427	84.3442	88.4487	813.345	997.889	-0.004076	5.88531	38.103	-0.012813
3.78527	84.8178	87.9013	813.345	998.845	0.02038	5.84844	38.0537	-0.014083
3.78627	84.8178	88.175	813.459	997.48	-0.004076	5.82489	38.0537	-0.012813
3.78727	84.8178	88.175	813.802	997.188	-0.004076	5.80781	37.955	-0.012813
3.78827	84.8178	88.4487	813.117	998.008	-0.008152	5.80375	38.0637	-0.014083
3.78927	84.8178	88.175	813.345	998.552	-0.004076	5.87682	38.3991	-0.012189
3.79027	84.8178	88.4487	813.345	997.188	-0.004076	5.88908	38.103	-0.0125
3.79127	84.481	88.0381	813.345	998.008	-0.004076	5.88989	38.103	-0.012188
3.79227	84.8913	88.3118	813.117	998.279	0.02038	5.88582	38.1524	-0.012813
3.79327	84.0708	88.8592	813.574	997.733	0.028532	5.88656	38.2511	-0.011583
3.79427	84.8178	88.4487	813.345	998.279	-0.004076	5.88489	38.0537	-0.012813
3.79527	84.481	88.3118	813.459	998.552	-0.004076	5.88312	38.0537	-0.012188

3.79627	84.6178	88.4487	813.117	998.962	0.016304	5.86344	38.0537	-0.011875
3.79727	84.481	88.3118	813.117	997.46	-0.004076	5.86219	38.2511	-0.011875
3.79827	84.481	88.3118	813.459	997.46	-0.008152	5.85958	38.103	-0.011875
3.79927	85.1649	88.4487	812.431	998.006	-0.004076	5.85719	38.0043	-0.014888
3.80027	84.6178	88.4487	813.346	998.279	0.02038	5.85812	38.3498	-0.013438
3.80127	84.6178	88.4487	812.66	997.46	-0.004076	5.85844	38.2511	-0.012813
3.80227	84.8913	88.4487	813.003	997.186	-0.004076	5.85719	38.0537	-0.013438
3.80327	84.6178	88.4487	813.117	997.46	0.032809	5.89125	38.103	-0.011875
3.80427	84.6178	88.175	812.888	998.006	-0.004076	5.85844	38.3498	-0.012188
3.80527	84.6178	88.9961	813.117	997.46	-0.004076	5.85989	38.103	-0.0125
3.80627	85.0281	88.175	812.888	997.46	-0.012228	5.86344	38.1524	-0.012188
3.80727	84.6178	88.4487	812.888	998.552	0.02038	5.86594	38.0537	-0.0125
3.80827	84.6178	88.0381	812.431	996.913	-0.012228	5.86582	37.8583	-0.014083
3.80927	85.1649	88.7224	812.888	997.186	-0.004076	5.86989	38.1524	-0.010938
3.81027	85.1649	88.4487	812.66	997.46	-0.004076	5.85584	38.1524	-0.012188
3.81127	84.6178	88.4487	812.66	996.913	-0.004076	5.83158	38.7939	-0.012188
3.81227	84.6178	88.5855	812.66	998.006	-0.008152	5.81719	37.955	-0.012813
3.81327	84.6178	88.4487	812.888	997.46	-0.004076	5.79889	38.1524	-0.012188
3.81427	84.6178	88.175	812.774	997.46	-0.004076	5.84219	38.2017	-0.012188
3.81527	84.6178	88.4487	813.003	998.006	-0.004076	5.87989	38.0537	-0.013125
3.81627	84.8913	88.4487	812.66	997.733	0.028532	5.89858	37.955	-0.012813
3.81727	84.6178	88.3118	812.66	997.733	-0.004076	5.87094	37.8583	-0.012188
3.81827	84.6178	88.4487	812.431	998.962	-0.004076	5.88719	37.8583	-0.01375
3.81927	84.6178	88.3118	812.431	996.913	-0.012228	5.86887	37.7083	-0.014083
3.82028	84.6178	88.175	813.117	998.006	-0.004076	5.86658	37.955	-0.011583
3.82128	84.6178	88.3118	812.203	997.596	-0.004076	5.86531	37.807	-0.012188
3.82228	84.481	87.9013	813.459	997.46	0.024458	5.86312	38.5985	-0.010938
3.82328	85.0281	88.4487	812.66	997.186	0.028532	5.85989	37.9057	-0.0125
3.82428	84.8913	88.4487	812.203	997.46	-0.004076	5.86158	38.1524	-0.011875
3.82528	84.6178	88.4487	812.431	997.46	-0.004076	5.86188	37.955	-0.012188
3.82628	84.8913	88.4487	812.548	997.46	-0.004076	5.86219	38.0537	-0.012813
3.82728	85.0281	88.175	812.431	997.46	0.048913	5.86219	38.0537	-0.011583
3.82828	85.0281	88.4487	812.317	997.323	-0.004076	5.86469	38.103	-0.012813
3.82928	84.6178	88.4487	812.888	998.552	-0.004076	5.86408	38.103	-0.011583
3.83028	84.6178	88.4487	812.774	996.387	-0.004076	5.86489	38.3498	-0.011583
3.83128	84.8913	88.3118	812.66	996.913	-0.004076	5.86719	38.1524	-0.010313
3.83228	85.0281	88.4487	812.203	997.05	-0.006152	5.86719	38.3004	-0.012188
3.83328	85.0281	88.3118	811.518	997.186	-0.004076	5.87031	38.2511	-0.012188
3.83428	84.6178	88.4487	812.203	997.46	-0.004076	5.87187	38.0537	-0.012813
3.83528	84.6178	88.0381	811.632	997.323	-0.004076	5.86875	38.3991	-0.012188
3.83628	85.4385	88.9961	812.203	997.869	0.02038	5.84989	38.3498	-0.010313
3.83728	85.1649	88.7224	812.089	997.46	-0.004076	5.82687	38.0537	-0.012188
3.83828	84.6178	88.5855	812.203	997.46	0.036685	5.80781	37.955	-0.013125
3.83928	85.3017	88.9961	811.975	997.46	-0.004076	5.80781	38.0043	-0.012813
3.84028	85.0281	88.5855	811.975	998.006	0.02038	5.88219	38.0537	-0.012813
3.84128	85.0281	88.4487	812.203	996.913	-0.006152	5.86908	38.2511	-0.011875
3.84228	84.3442	87.7644	812.431	997.733	0.028532	5.87063	37.955	-0.009083
3.84328	84.6178	88.4487	811.748	996.913	-0.004076	5.86989	38.1524	-0.011583
3.84428	84.6178	88.4487	811.748	997.186	0.024458	5.86989	37.807	-0.012188
3.84528	84.6178	88.4487	812.203	997.733	-0.004076	5.86989	38.0043	-0.012813
3.84628	84.6178	88.4487	811.289	997.46	-0.004076	5.86875	38.0537	-0.0125
3.84728	84.6178	88.175	811.748	997.733	0.024458	5.86812	38.0537	-0.012188

3.84828	84.3442	87.9013	812.089	998.009	0.028532	5.88489	38.1524	-0.011875
3.84928	84.8913	88.4487	811.289	998.006	0.040781	5.88406	38.2017	-0.011875
3.85028	84.8913	88.4487	811.746	997.05	-0.004078	5.88219	38.2017	-0.0125
3.85128	84.6178	88.7224	811.289	998.23	-0.004078	5.88219	38.1524	-0.0125
3.85228	84.6178	88.7224	811.518	997.733	-0.004078	5.88469	38.1524	-0.012813
3.85328	84.6178	88.4487	812.431	997.05	-0.004078	5.88344	38.1524	-0.010313
3.85428	84.6178	88.3118	811.061	998.387	-0.004078	5.85989	38.2017	-0.013438
3.85528	84.7546	88.3118	811.746	997.46	-0.004078	5.88344	38.5471	-0.013125
3.85628	84.8913	88.3118	811.632	998.387	-0.004078	5.88344	37.955	-0.012813
3.85728	84.6178	88.3118	811.289	997.186	-0.004078	5.88887	38.1524	-0.012813
3.85828	84.481	88.175	811.632	997.186	-0.004078	5.87094	38.1524	-0.012188
3.85928	84.6178	88.4487	811.289	998.387	-0.004078	5.88937	38.2017	-0.012188
3.86028	85.1849	88.3118	811.289	997.46	0.028532	5.88844	38.1524	-0.011583
3.86128	84.6178	88.3118	811.175	997.46	-0.004078	5.88375	38.0043	-0.012188
3.86228	85.1849	88.3118	810.804	997.46	-0.004078	5.84312	38.103	-0.01125
3.86328	84.6178	88.3118	811.061	998.387	-0.008152	5.82062	38.0537	-0.010938
3.86428	84.8913	87.7644	810.832	998.387	-0.004078	5.80219	38.0537	-0.011583
3.86528	85.0281	88.175	811.061	997.46	-0.004078	5.83781	38.0043	-0.013438
3.86628	85.0281	88.4487	811.289	998.913	-0.004078	5.88469	38.1524	-0.013125
3.86728	84.6178	88.5855	811.061	997.46	-0.004078	5.88989	37.8563	-0.013438
3.86828	84.6178	88.175	811.289	997.46	-0.004078	5.87531	37.7576	-0.013438
3.86928	85.0281	88.3118	811.061	997.46	-0.004078	5.87187	37.8563	-0.011583
3.87028	85.1849	88.4487	811.061	998.913	-0.004078	5.88658	38.0043	-0.012188
3.87128	84.6178	88.4487	811.175	997.186	0.028532	5.88937	38.1524	-0.012188
3.87228	84.3442	87.9013	810.832	998.913	-0.02038	5.88406	37.8563	-0.014083
3.87328	84.6178	88.175	810.832	997.889	-0.004078	5.88437	37.7576	-0.01375
3.87428	84.6178	88.4487	810.832	997.46	-0.004078	5.88344	37.8563	-0.012813
3.87528	84.6178	88.175	810.718	998.094	-0.004078	5.88094	37.955	-0.011583
3.87628	84.6178	88.4487	811.289	998.913	-0.016304	5.88094	38.0043	-0.011583
3.87728	84.6178	87.9013	810.376	998.913	-0.008152	5.88312	38.3486	-0.010938
3.87828	85.1849	87.9013	811.289	998.913	-0.004078	5.88219	38.3991	-0.01125
3.87928	84.6178	88.175	810.376	998.913	-0.004078	5.88156	38.103	-0.011875
3.88028	85.0281	88.9981	811.061	997.323	0.028532	5.88719	38.0537	-0.0125
3.88128	84.6178	88.4487	810.376	998.387	-0.004078	5.88219	37.955	-0.013438
3.88228	84.2074	87.7644	810.033	997.186	0.024456	5.88406	37.955	-0.0125
3.88328	84.3442	88.3118	810.804	997.46	-0.004078	5.88719	38.0537	-0.012813
3.88428	85.0281	88.3118	810.261	998.418	-0.004078	5.88989	37.807	-0.011875
3.88528	84.6178	88.4487	810.376	998.387	-0.004078	5.88844	37.9057	-0.011583
3.88628	85.3017	88.5855	811.061	998.913	-0.004078	5.87281	38.0537	-0.010313
3.88728	84.6178	87.9013	810.832	998.387	-0.004078	5.85281	37.7576	-0.012813
3.88828	84.6178	88.4487	810.376	998.387	-0.004078	5.82719	37.955	-0.012813
3.88928	85.0281	88.3118	810.376	998.387	-0.004078	5.81125	37.9057	-0.012188
3.89028	85.0281	88.3118	810.376	997.05	-0.004078	5.80594	37.8563	-0.011875
3.89128	84.481	88.175	810.804	997.186	0.032809	5.87781	37.8563	-0.012813
3.89228	84.8913	88.7224	810.376	997.323	-0.004078	5.87158	37.4615	-0.013438
3.89328	85.0281	88.3118	810.832	997.323	0.052989	5.87469	37.5802	-0.013438
3.89428	85.5753	88.8592	810.376	998.387	-0.004078	5.87187	37.4615	-0.012813
3.89528	84.6178	88.5855	810.376	998.552	0.024456	5.87408	37.8563	-0.01125
3.89628	85.1849	88.4487	810.376	997.186	-0.004078	5.87408	37.6589	-0.011875
3.89728	84.6178	88.7224	810.147	998.387	-0.004078	5.86719	37.6589	-0.012813
3.89828	85.1849	88.7224	810.376	998.387	-0.008152	5.88469	37.6589	-0.012188
3.89928	85.3017	88.7224	809.69	998.387	-0.004078	5.88344	37.6086	-0.012813

3.90028	85.1649	88.4487	810.147	996.913	-0.004078	5.86219	38.0537	-0.011875
3.90128	84.6178	88.3118	809.462	996.367	-0.004078	5.86344	38.0043	-0.012813
3.90228	85.0281	88.3118	810.281	997.186	-0.004078	5.86562	38.103	-0.011563
3.90328	84.8913	88.175	810.033	997.05	-0.004078	5.86281	37.7576	-0.012813
3.90428	85.7121	88.5855	809.69	996.913	0.052988	5.86281	37.8096	-0.012188
3.90528	85.1649	88.4487	810.147	997.46	-0.004078	5.86584	37.8589	-0.012188
3.90628	84.6178	88.7224	810.147	996.367	-0.004078	5.86887	37.8583	-0.012188
3.90728	85.5753	88.9961	809.69	996.23	-0.008152	5.86437	38.0537	-0.012188
3.90828	85.0281	88.5855	809.804	996.094	-0.004078	5.86887	37.8583	-0.012813
3.90928	84.6178	88.4487	809.005	995.001	-0.028532	5.86584	37.4615	-0.013438
3.91028	85.3017	88.8592	809.348	995.957	-0.004078	5.86937	37.6589	-0.014688
3.91128	84.6178	88.4487	809.919	996.094	-0.004078	5.87344	38.2511	-0.01125
3.91228	84.6178	88.4487	809.919	996.367	-0.004078	5.88344	37.8589	-0.011875
3.91328	84.6178	88.4487	809.69	996.094	0.028532	5.83969	37.5602	-0.012813
3.91428	84.6178	88.4487	810.281	996.367	-0.004078	5.81969	37.4615	-0.014375
3.91528	84.6178	88.4487	809.804	996.367	0.044837	5.80281	37.4615	-0.010838
3.91628	85.0281	88.3118	809.804	996.094	-0.004078	5.82887	37.4615	-0.01125
3.91728	84.6178	88.175	809.462	996.367	-0.004078	5.88469	37.8096	-0.012188
3.91828	85.1649	88.3118	808.891	996.367	-0.004078	5.88469	37.4615	-0.012813
3.91928	84.3442	87.8276	809.233	995.411	-0.004078	5.88908	37.2642	-0.010838
3.92028	85.4385	88.8592	809.462	996.23	-0.008152	5.86719	37.2148	-0.017813
3.92128	85.3017	88.7224	809.119	995.821	-0.012228	5.86656	37.5802	-0.014063
3.92228	84.6178	88.3118	809.233	995.547	-0.004078	5.86584	37.807	-0.012813
3.92328	84.6178	88.5855	809.462	996.23	0.02038	5.86469	37.4122	-0.011875
3.92428	84.8913	88.7224	809.462	996.367	-0.004078	5.86844	37.8057	-0.011875
3.92528	84.6178	88.3118	809.005	996.094	-0.004078	5.88219	37.7083	-0.012813
3.92628	85.1649	88.4487	809.233	996.913	0.061141	5.88219	37.5802	-0.012813
3.92728	85.3017	88.4487	808.862	996.094	-0.004078	5.88125	37.7576	-0.013438
3.92828	84.6178	88.3118	809.69	996.913	0.024458	5.86408	37.807	-0.010825
3.92928	84.8913	88.3118	809.233	996.23	-0.004078	5.88344	37.807	-0.011563
3.93028	84.6178	88.3118	808.32	995.001	-0.012228	5.88312	37.4122	-0.013125
3.93128	84.2074	88.175	808.778	994.455	-0.062988	5.88082	37.2148	-0.014063
3.93228	84.6178	88.3118	808.862	996.23	-0.004078	5.88469	37.807	-0.012813
3.93328	85.0281	88.4487	809.005	995.821	-0.004078	5.88719	37.807	-0.014375
3.93428	85.1649	88.3118	808.548	996.094	-0.004078	5.86719	37.3135	-0.012813
3.93528	85.1649	88.4487	809.005	995.821	0.024458	5.88989	37.6589	-0.011875
3.93628	85.1649	88.7224	809.233	996.094	-0.004078	5.88908	37.6589	-0.011875
3.93728	84.6178	88.8592	809.462	996.367	0.028532	5.87094	37.9057	-0.010938
3.93828	84.6178	88.3118	809.233	995.857	-0.004078	5.85844	37.6096	-0.012188
3.93928	85.0281	88.5855	809.005	996.367	-0.004078	5.83625	37.807	-0.012188
3.94028	84.6178	88.4487	808.548	996.367	-0.004078	5.81584	37.7083	-0.011875
3.94128	84.6178	87.9013	808.778	995.547	-0.004078	5.79844	37.7576	-0.012188
3.94228	84.8913	88.4487	808.548	994.728	-0.040781	5.85625	37.2148	-0.012813
3.94328	85.1649	88.5855	808.778	995.821	-0.004078	5.87875	37.7576	-0.013125
3.94428	84.8913	88.4487	808.891	995.821	-0.004078	5.87094	37.855	-0.011875
3.94528	84.6178	88.5855	808.548	995.547	-0.012228	5.87063	37.8096	-0.011875
3.94628	84.6178	88.4487	808.32	996.23	-0.004078	5.87156	37.807	-0.011563
3.94728	84.6178	88.175	808.091	995.547	-0.004078	5.86656	37.6096	-0.010938
3.94828	84.6178	88.4487	808.434	996.367	0.032608	5.86875	37.6589	-0.012813
3.94928	85.0281	88.4487	808.548	995.821	-0.004078	5.86656	37.7576	-0.011563
3.95028	85.1649	88.4487	808.548	996.777	-0.004078	5.86344	37.7576	-0.010838
3.95128	85.0281	88.4487	808.434	995.274	-0.02038	5.86219	37.8583	-0.011563

3.95228	85.3017	88.5855	808.434	995.274	-0.004078	5.86219	37.8589	-0.013438
3.95328	84.6178	88.7224	807.977	994.182	-0.040761	5.86844	37.3135	-0.014083
3.95428	84.6178	88.3118	807.834	995.884	-0.004078	5.86406	37.8098	-0.014083
3.95528	84.6178	88.4487	808.32	998.094	-0.004078	5.86406	38.1524	-0.010938
3.95628	84.8913	87.9013	807.977	995.547	-0.004078	5.86468	37.955	-0.011875
3.95728	84.6178	88.4487	808.091	995.821	-0.004078	5.86906	37.807	-0.013125
3.95828	84.6178	88.175	808.091	995.821	-0.004078	5.86687	37.7576	-0.011563
3.95928	84.3442	87.9013	808.32	995.821	-0.004078	5.86844	37.7083	-0.012188
3.96028	85.0281	88.4487	807.863	995.957	-0.004078	5.86844	37.955	-0.012813
3.96128	84.6178	88.4487	808.434	998.23	-0.004078	5.87083	37.807	-0.011875
3.96228	84.6178	88.3118	808.32	995.274	-0.004078	5.87219	37.8589	-0.012813
3.96328	84.3442	88.8592	808.776	995.884	-0.004078	5.86989	38.0043	-0.010313
3.96428	85.0281	88.7224	807.977	993.772	-0.040761	5.84969	37.3829	-0.014063
3.96528	84.3442	87.9013	807.52	995.411	0.02038	5.82875	37.955	-0.0125
3.96628	84.6178	88.5855	808.776	995.821	-0.004078	5.8075	38.2511	-0.011563
3.96728	85.3017	88.8592	808.091	995.001	-0.004078	5.81158	37.7576	-0.013125
3.96828	84.6178	88.3118	807.977	995.547	-0.004078	5.88658	37.955	-0.011563
3.96928	85.1649	88.4487	808.091	998.094	0.02038	5.86989	37.955	-0.012813
3.97028	85.1649	88.5855	808.091	998.094	-0.004078	5.87562	38.0537	-0.011563
3.97128	85.0281	88.7224	807.863	995.411	-0.004078	5.87489	37.7083	-0.012813
3.97228	84.8913	88.175	808.091	995.884	-0.004078	5.87158	37.8098	-0.012813
3.97328	84.6178	88.4487	808.32	998.367	-0.004078	5.87158	37.8098	-0.012188
3.97428	84.6178	88.7224	808.32	995.821	-0.004078	5.86989	37.8563	-0.013125
3.97528	84.6178	88.4487	808.091	995.138	-0.004078	5.86719	37.7083	-0.011563
3.97628	84.6178	88.3118	807.406	995.411	-0.004078	5.86719	37.7576	-0.013125
3.97728	84.6178	88.4487	807.863	995.274	-0.004078	5.86858	38.3498	-0.010938
3.97828	84.6178	87.9013	807.177	995.138	-0.004078	5.86281	37.8589	-0.012813
3.97928	84.481	88.3118	807.977	995.821	0.028532	5.86719	38.0043	-0.01125
3.98028	84.3442	88.4487	808.32	995.884	-0.004078	5.86594	38.0043	-0.013438
3.98128	84.6178	88.9981	808.091	995.821	0.032809	5.86469	38.0537	-0.014083
3.98228	84.6178	87.9013	807.834	994.728	-0.012228	5.86469	37.8583	-0.011875
3.98328	85.3017	88.4487	807.863	995.274	-0.004078	5.86858	37.9057	-0.013125
3.98428	84.6178	88.4487	807.52	996.367	-0.004078	5.86281	37.8589	-0.013438
3.98528	85.1649	88.4487	807.834	994.455	-0.004078	5.86469	38.103	-0.01125
3.98628	84.3442	87.7644	807.292	994.182	-0.038885	5.86844	37.807	-0.014063
3.98728	84.8913	88.5855	808.949	995.001	-0.004078	5.87219	38.0043	-0.012188
3.98828	85.0281	88.3118	807.406	995.274	-0.004078	5.87344	38.8458	-0.012188
3.98928	84.481	88.175	807.634	995.547	0.016304	5.86844	37.9057	-0.012813
3.99028	84.6178	87.9013	807.177	995.138	-0.004078	5.84469	38.2017	-0.010313
3.99128	84.481	88.8592	807.834	995.547	-0.004078	5.82219	38.103	-0.0125
3.99228	84.3442	88.4487	808.091	996.094	0.044837	5.80656	38.0043	-0.013125
3.99328	84.6178	87.9013	807.406	995.274	-0.004078	5.84687	38.2511	-0.010938
3.99428	85.0281	88.4487	807.863	995.821	-0.004078	5.88625	38.103	-0.01125
3.99528	85.3017	88.9981	807.406	995.821	-0.008152	5.87219	37.8583	-0.011875
3.99628	84.6178	88.4487	806.721	994.728	-0.004078	5.87594	37.955	-0.010938
3.99728	84.6178	88.4487	808.548	995.547	-0.004078	5.87344	37.807	-0.009688
3.99828	85.0281	88.4487	807.177	994.728	-0.004078	5.87219	37.9057	-0.015
3.99928	84.6178	88.4487	807.834	995.274	0.024456	5.87031	38.4484	-0.012813
4.00028	84.6178	88.5855	807.406	996.094	0.024456	5.87083	38.2511	-0.012813
4.00128	84.6178	88.175	807.406	994.885	0.032809	5.86844	38.103	-0.013438
4.00228	85.0281	88.175	807.52	996.367	-0.004078	5.86844	38.1524	-0.012813
4.00328	84.6178	88.9981	807.406	995.274	-0.008152	5.86344	38.2017	-0.012188

4.00429	84.6178	87.9013	806.721	994.591	-0.004076	5.86219	38.0537	-0.0125
4.00529	84.6178	88.175	806.721	995.274	-0.004076	5.86469	38.4484	-0.013125
4.00629	84.6178	88.3118	807.177	995.957	-0.004076	5.86582	38.3498	-0.011563
4.00729	85.1649	88.7224	807.634	995.274	-0.004076	5.86656	38.3991	-0.013438
4.00829	85.0281	88.4487	808.081	995.274	-0.004076	5.86719	38.8852	-0.00875
4.00929	85.0281	88.4487	806.721	995.001	-0.004076	5.86582	38.2017	-0.013438
4.01029	85.1649	88.3118	806.721	995.001	-0.004076	5.86812	38.5471	-0.012188
4.01129	84.6178	88.3118	807.063	995.274	-0.004076	5.87344	38.3991	-0.012188
4.01229	84.6178	88.4487	807.063	994.885	-0.004076	5.87469	38.3991	-0.0125
4.01329	85.4385	88.9961	807.177	995.001	-0.004076	5.87437	38.2511	-0.011875
4.01429	85.0281	87.9013	808.264	994.591	-0.012228	5.87281	38.1524	-0.013125
4.01529	84.6178	88.4487	807.063	995.411	0.028532	5.85219	38.3498	-0.012813
4.01629	85.1649	88.4487	807.177	995.274	-0.004076	5.83094	38.2511	-0.012188
4.01729	85.1649	88.7224	807.406	995.547	-0.004076	5.81656	38.4978	-0.011563
4.01829	84.8913	88.4487	806.721	994.182	-0.016304	5.80656	38.3991	-0.012813
4.01929	84.6178	88.4487	807.863	995.274	-0.004076	5.87908	38.3498	-0.01125
4.02029	84.3442	88.9961	806.949	994.728	-0.004076	5.87719	38.2017	-0.014688
4.02129	84.6178	88.3118	807.177	995.411	-0.004076	5.87584	38.5985	-0.0125
4.02229	84.481	88.175	806.721	995.274	-0.004076	5.87584	38.7445	-0.010313
4.02329	85.4385	88.7224	807.634	995.547	0.02038	5.87719	38.5985	-0.012188
4.02429	85.0281	88.4487	807.177	995.274	0.02038	5.87469	38.5471	-0.011875
4.02529	84.6178	87.7644	806.949	995.138	-0.004076	5.87219	38.3991	-0.013438
4.02629	85.0281	88.4487	807.177	995.547	0.052989	5.87084	38.6952	-0.011563
4.02729	84.481	88.0381	807.177	995.274	-0.004076	5.86906	38.4978	-0.011683
4.02829	85.0281	88.4487	806.949	996.094	0.02038	5.86856	38.3498	-0.013125
4.02929	85.1649	88.7224	807.177	994.728	-0.004076	5.86875	38.7445	-0.010838
4.03029	84.6178	88.4487	807.634	995.001	-0.004076	5.86781	38.8458	-0.008063
4.03129	84.0708	88.3118	806.949	995.138	-0.004076	5.86844	38.6458	-0.0125
4.03229	85.0281	88.4487	808.949	995.274	-0.004076	5.86844	38.7445	-0.012188
4.03329	85.0281	88.3118	807.177	995.274	-0.004076	5.87158	38.8952	-0.012188
4.03429	84.6178	88.3118	807.177	995.821	0.028532	5.87187	38.8852	-0.014688
4.03529	84.8913	88.175	806.949	995.411	-0.004076	5.87158	38.7445	-0.012188
4.03629	85.1649	88.4487	806.721	995.001	0.024456	5.87344	38.8432	-0.011563
4.03729	84.6178	88.7224	807.063	995.001	-0.004076	5.87313	38.6458	-0.01125
4.03829	84.6178	88.3118	806.721	994.728	-0.004076	5.87582	38.6952	-0.012813
4.03929	85.1649	88.5855	806.378	996.094	-0.004076	5.82989	38.5985	-0.012813
4.04029	85.0281	88.3118	806.606	994.728	-0.008152	5.24781	38.7939	-0.010313
4.04129	84.0708	87.9013	808.205	995.821	0.024456	4.48489	38.6952	-0.008438
4.04229	84.6178	88.4487	806.264	994.455	-0.004076	3.89812	38.7445	-0.012188
4.04329	85.1649	88.7224	807.063	995.001	-0.004076	3.36531	38.7939	-0.010625
4.04429	85.4385	88.8592	806.606	994.182	-0.004076	2.91344	38.8432	-0.010838
4.04529	85.1649	88.8592	807.063	995.001	-0.004076	2.51719	38.4484	-0.0125
4.04629	85.0281	88.4487	806.492	995.001	-0.004076	2.17844	38.7939	-0.010838
4.04729	84.6178	88.4487	806.721	994.885	-0.004076	1.87844	38.6458	-0.010313
4.04829	84.8913	88.3118	806.721	994.591	0.032608	1.62094	38.6458	-0.011563
4.04929	85.0281	88.5855	806.606	995.001	-0.004076	1.39825	38.6458	-0.012188
4.05029	85.1649	88.4487	806.721	996.387	-0.004076	1.20408	38.6458	-0.012813
4.05129	84.6178	88.4487	806.606	994.728	-0.004076	1.03531	38.8432	-0.011563
4.05229	84.6178	88.5855	806.492	995.138	-0.004076	0.890312	38.9419	-0.010313
4.05329	85.4385	88.3118	805.807	994.182	-0.004076	0.782812	38.7445	-0.011875
4.05429	85.0281	88.3118	806.721	994.728	-0.004076	0.655937	39.3386	-0.010313
4.05529	84.6178	88.3118	806.492	994.728	-0.004076	0.56375	38.8925	-0.011563

4.05829	84.6178	88.7224	806.492	995.001	-0.004076	0.483125	38.8825	-0.011563
4.05729	84.6178	88.4487	806.492	994.728	-0.004076	0.414887	39.1888	-0.01125
4.05829	84.6178	88.4487	806.721	995.138	-0.004076	0.354082	39.1393	-0.010313
4.05929	85.1649	88.9961	807.063	995.001	0.028532	0.303438	38.8432	-0.010625
4.08029	85.0281	88.3118	806.721	995.138	-0.012228	0.25875	39.0406	-0.011563
4.08129	84.481	88.175	806.035	995.684	-0.004076	0.222187	38.8925	-0.011563
4.08229	84.6178	88.4487	806.949	994.865	-0.004076	0.18875	38.8432	-0.010938
4.08329	85.3017	88.8592	806.949	994.455	-0.008152	0.162188	38.9419	-0.010938
4.08429	84.6178	88.9961	806.949	994.455	-0.024458	0.135312	38.9419	-0.010938
4.08529	85.0281	88.3118	806.721	995.001	-0.004076	0.117812	39.5834	-0.01125
4.08629	84.3442	87.9013	806.149	994.455	0.02038	0.102187	39.0406	-0.010625
4.08729	85.4385	88.8592	806.264	994.865	-0.004076	0.087813	39.0406	-0.010938
4.08829	84.6178	88.175	806.378	995.274	0.02038	0.077188	39.0406	-0.011563
4.08929	85.1649	88.4487	806.606	995.138	0.02038	0.063438	39.0406	-0.010938
4.07029	85.1649	88.4487	806.492	995.547	0.051141	0.054688	39.386	-0.01125
4.07129	84.6178	88.4487	806.606	994.728	-0.004076	0.048875	39.0406	-0.012188
4.07229	85.1649	88.4487	806.606	996.084	-0.004076	0.040938	39.0406	-0.011563
4.07329	85.1649	88.4487	806.264	994.182	-0.012228	0.033125	39.0406	-0.010938
4.07429	85.4385	88.8592	806.721	995.001	-0.004076	0.030625	39.238	-0.009063
4.07529	85.1649	88.7224	807.292	995.274	-0.004076	0.026583	39.0406	-0.012188
4.07629	84.6178	87.9013	806.492	994.865	-0.004076	0.021583	39.238	-0.012813
4.07729	84.3442	88.9961	806.949	994.182	-0.012228	0.019688	39.534	-0.010313
4.07829	84.8913	88.5855	806.492	994.728	0.028532	0.018125	39.386	-0.011563
4.07929	85.1649	88.4487	806.949	995.274	-0.004076	0.014688	39.4847	-0.010625
4.08029	84.6178	88.4487	806.378	995.001	-0.004076	0.012188	39.1888	-0.010938
4.08129	85.0281	88.3118	806.835	995.274	0.052989	0.01125	39.0406	-0.012188
4.08229	84.6178	88.9961	806.949	995.547	-0.004076	0.010625	39.4353	-0.008375
4.08329	84.481	88.0381	806.264	994.455	-0.004076	0.007188	39.4353	-0.010625
4.08429	84.8913	88.3118	806.492	994.455	-0.004076	0.008875	39.3386	-0.010938
4.08529	84.6178	88.4487	807.063	994.728	-0.004076	0.005	39.238	-0.009063
4.08629	85.1649	88.7224	806.721	994.455	-0.004076	0.005838	39.4353	-0.010313
4.08729	84.8913	88.4487	806.149	994.591	-0.004076	0.004688	39.4353	-0.012188
4.08829	85.0281	88.4487	806.492	995.001	-0.004076	0.003125	38.7314	-0.012813
4.08929	85.1649	88.175	806.606	995.138	-0.004076	0.0025	39.5834	-0.010938
4.09029	84.8913	88.175	806.264	995.274	-0.004076	0.002813	39.4353	-0.011563
4.09129	84.6178	88.4487	806.492	994.728	-0.004076	-0.000313	39.4353	-0.010938
4.09229	84.6178	88.4487	806.492	995.274	0.044837	-0.000313	39.2873	-0.011875
4.09329	84.3442	87.9013	806.264	995.001	-0.004076	-0.000313	39.3386	-0.0125
4.09429	85.1649	88.8592	806.264	994.728	-0.004076	-0.000313	39.4353	-0.010625
4.09529	85.4385	88.9961	806.606	995.001	-0.004076	0.002188	39.2873	-0.011875
4.09629	85.1649	88.3118	807.063	994.728	-0.004076	-0.000313	39.4353	-0.008125
4.0973	85.1649	88.8592	806.264	994.591	-0.004076	-0.000313	39.386	-0.012188
4.0983	84.6178	88.3118	805.807	994.728	-0.008152	-0.00125	39.534	-0.012188
4.0993	85.4385	88.7224	806.492	994.728	-0.004076	-0.000938	39.534	-0.011563
4.1003	85.1649	88.4487	806.949	995.684	0.032609	-0.000313	39.238	-0.0125
4.1013	84.6178	88.7224	806.035	994.728	-0.004076	-0.000313	39.4353	-0.010313
4.1023	85.1649	88.4487	806.492	995.138	-0.004076	-0.000313	39.386	-0.010313
4.1033	84.6178	88.4487	806.606	995.138	0.024458	-0.000625	39.5834	-0.012188
4.1043	85.4385	88.7224	806.492	995.274	-0.004076	-0.001563	39.4353	-0.011563
4.1053	84.6178	88.3118	806.264	996.084	-0.004076	-0.000625	39.3386	-0.011563
4.1063	84.481	88.4487	806.492	995.411	-0.004076	-0.001875	39.2873	-0.012188
4.1073	84.6178	88.175	806.035	994.182	-0.004076	-0.002813	39.7314	-0.011563

4.1083	84.6178	88.7224	805.893	994.728	-0.004076	-0.003125	39.4353	-0.013125
4.1083	85.1649	88.4487	805.807	995.274	-0.004076	-0.002813	39.5834	-0.012188
4.1103	84.6178	88.4487	806.264	995.138	-0.004076	-0.002188	39.7808	-0.011583
4.1113	84.481	87.9013	806.149	994.591	-0.004076	-0.000938	39.6327	-0.010313
4.1123	84.6178	88.175	806.035	994.182	-0.004076	-0.000313	39.7808	-0.010313
4.1133	84.6178	88.4487	806.721	994.865	0.02038	-0.0025	39.6327	-0.011563
4.1143	85.3017	88.9961	806.035	994.865	0.061141	-0.002188	39.7314	-0.010625
4.1153	84.6178	88.5855	806.492	994.591	-0.004076	-0.00375	39.6327	-0.010938
4.1163	85.1649	88.4487	806.149	995.547	-0.004076	-0.003438	39.7314	-0.010625
4.1173	84.6178	88.4487	806.149	995.894	0.024456	-0.002813	39.8301	-0.010313
4.1183	85.4385	88.9961	806.264	994.591	-0.004076	-0.004063	39.386	-0.012813
4.1193	85.0281	88.4487	807.177	995.001	-0.004076	-0.002188	39.2873	-0.010325
4.1203	85.1649	88.7224	806.035	994.455	-0.004076	-0.001563	39.7314	-0.012813
4.1213	84.6178	88.4487	806.264	995.001	-0.004076	-0.001875	39.8301	-0.010313
4.1223	85.1649	88.7224	806.721	995.138	0.02038	-0.002813	39.534	-0.011563
4.1233	85.1649	88.8582	806.721	995.547	0.028532	-0.000313	39.7808	-0.010313
4.1243	84.6178	88.4487	805.578	995.138	0.024456	-0.002813	39.6327	-0.012188
4.1253	85.1649	88.7224	806.492	995.001	-0.004076	-0.00375	39.4847	-0.012813
4.1263	85.1649	88.4487	806.264	995.001	-0.004076	-0.00375	39.8301	-0.01125
4.1273	85.0281	88.7224	806.606	996.913	-0.004076	-0.001563	39.7808	-0.010313
4.1283	84.6178	88.7224	806.264	994.865	-0.004076	-0.004063	39.7808	-0.010938
4.1293	85.1649	88.9961	806.949	995.274	0.02038	-0.0025	39.8301	-0.010313
4.1303	85.1649	88.4487	805.807	994.455	-0.024456	-0.004375	39.2873	-0.011875
4.1313	84.6178	88.4487	806.035	994.455	-0.004076	-0.002813	39.8301	-0.010938
4.1323	84.6178	88.175	806.806	995.547	0.02038	-0.002813	40.0275	-0.010938
4.1333	84.6178	87.9013	806.492	995.821	0.032809	-0.002813	39.7314	-0.011875
4.1343	85.1649	88.4487	806.806	995.274	-0.004076	-0.000938	39.9288	-0.012188
4.1353	84.6178	88.5855	806.264	995.138	0.024456	-0.002813	39.8301	-0.012188
4.1363	85.1649	88.4487	807.063	995.274	0.036685	-0.002813	40.1262	-0.009888
4.1373	84.2074	87.9013	806.035	995.001	-0.004076	-0.004063	39.8794	-0.010938
4.1383	85.1649	88.4487	806.264	996.387	-0.004076	-0.005313	39.8301	-0.010313
4.1393	85.0281	88.4487	805.807	995.001	-0.004076	-0.004063	39.9288	-0.010313
4.1403	84.8913	88.3118	806.149	995.001	-0.004076	-0.004888	39.8301	-0.009375
4.1413	85.5753	88.9961	806.035	994.182	-0.008152	-0.00625	39.534	-0.014063
4.1423	84.481	88.175	805.893	995.001	-0.004076	-0.004063	40.0768	-0.012188
4.1433	84.6178	87.9013	806.492	995.274	-0.004076	-0.003125	40.6198	-0.010625
4.1443	84.6178	88.5855	805.807	995.547	0.024456	-0.00375	39.9288	-0.0125
4.1453	84.0706	88.0381	806.035	994.182	-0.004076	-0.0025	39.7808	-0.011875
4.1463	85.1649	88.4487	806.492	995.547	-0.004076	-0.004063	39.9781	-0.010625
4.1473	84.6178	88.4487	806.264	994.865	0.044837	-0.004375	39.7314	-0.010625
4.1483	84.6178	88.3118	805.893	995.001	-0.004076	-0.004888	39.8301	-0.012813
4.1493	85.5753	88.7224	805.807	994.865	-0.004076	-0.00375	39.9288	-0.011563
4.1503	85.0281	88.4487	806.149	994.865	-0.004076	-0.004063	40.1262	-0.010625
4.1513	85.1649	88.5855	806.492	995.001	-0.004076	-0.004888	40.1262	-0.010313
4.1523	85.1649	88.4487	804.893	993.835	-0.061141	-0.009375	39.6327	-0.013438
4.1533	85.7121	88.7224	806.492	995.821	-0.004076	-0.004063	39.9288	-0.012813
4.1543	85.0281	88.3118	806.949	995.001	-0.004076	-0.004063	40.4222	-0.010938
4.1553	84.6178	88.4487	806.035	995.001	-0.004076	-0.005825	40.0275	-0.012813
4.1563	85.0281	88.4487	806.264	995.547	-0.004076	-0.000938	40.0275	-0.011563
4.1573	85.0281	88.3118	806.035	995.547	0.028532	-0.004375	39.8301	-0.011563
4.1583	85.0281	88.4487	806.264	995.547	0.028532	-0.004888	40.1262	-0.011875
4.1593	84.6178	88.175	806.035	995.001	-0.004076	-0.004063	40.0768	-0.010625

4.1603	84.8913	88.4487	805.578	995.138	-0.028532	-0.008583	39.9288	-0.011875
4.1613	84.8178	88.175	806.492	998.23	-0.004078	-0.004083	40.0275	-0.010938
4.1623	84.8913	88.4487	805.578	993.908	-0.008152	-0.004083	40.1755	-0.009375
4.1633	85.1649	88.5855	805.238	993.635	-0.028532	-0.00875	39.8327	-0.01375
4.1643	84.8178	88.4487	805.807	995.274	0.02038	-0.00376	39.9288	-0.012188
4.1653	85.1649	88.7224	805.578	994.895	-0.004078	-0.005913	40.2249	-0.012188
4.1663	84.3442	88.4487	806.807	995.274	0.018304	-0.005913	40.0275	-0.011563
4.1673	84.8178	88.3118	805.578	994.591	-0.004078	-0.001875	40.0275	-0.013125
4.1683	84.3442	88.4487	805.807	995.684	-0.004078	-0.005825	40.0768	-0.010938
4.1693	84.8178	88.175	806.149	995.001	0.048913	-0.005913	40.0275	-0.011563
4.1703	84.8178	88.4487	806.035	994.728	-0.004078	-0.005913	40.0275	-0.011563
4.1713	85.1649	88.7224	806.149	995.138	-0.004078	-0.005913	39.9288	-0.012188
4.1723	84.8178	88.175	805.807	994.728	-0.018304	-0.005825	40.0275	-0.010938
4.1733	84.3442	88.0381	805.35	994.182	-0.02038	-0.005838	40.0275	-0.011563
4.1743	85.3017	88.9981	806.378	993.089	-0.088293	-0.010313	39.7314	-0.011563
4.1753	84.8178	88.5855	805.807	995.001	-0.004078	-0.005913	39.8794	-0.012813
4.1763	84.8178	88.3118	805.807	995.274	-0.004078	-0.004688	40.5209	-0.010313
4.1773	84.8178	88.3118	805.807	994.728	-0.004078	-0.004688	39.9781	-0.010313
4.1783	84.8178	88.5855	806.035	995.138	0.02038	-0.0025	40.0275	-0.011563
4.1793	85.0281	88.3118	806.284	995.001	0.02038	-0.003438	40.1755	-0.010625
4.1803	85.3017	88.7224	806.721	995.274	-0.004078	-0.005913	39.8301	-0.010938
4.1813	84.8178	87.7844	806.378	995.274	-0.004078	-0.005913	40.1755	-0.010313
4.1823	85.0281	88.4487	806.284	995.138	-0.012228	-0.00375	40.2249	-0.010313
4.1833	84.8913	88.175	805.578	995.001	-0.02038	-0.005938	40.3236	-0.009063
4.1843	85.1649	88.5855	806.492	994.455	-0.004078	-0.004688	40.2249	-0.009688
4.1853	84.8178	88.3118	805.35	993.089	-0.038885	-0.008438	39.8301	-0.012813
4.1863	84.8913	87.9013	805.807	994.591	-0.004078	-0.005913	40.1282	-0.012813
4.1873	84.8178	88.4487	806.378	995.547	0.028532	-0.003438	40.5703	-0.010313
4.1883	84.3442	87.7844	806.807	995.684	-0.004078	-0.005913	39.9781	-0.013438
4.1893	85.0281	88.175	805.807	994.591	-0.004078	-0.003438	40.1755	-0.011563
4.1903	85.0281	88.4487	806.492	995.001	0.02038	-0.005825	40.1282	-0.010938
4.1913	85.0281	88.4487	806.035	995.001	0.02038	-0.005825	40.0275	-0.012188
4.1923	84.8178	88.5855	805.683	994.895	-0.004078	-0.008583	40.0275	-0.012188
4.1933	84.8178	88.5855	805.807	995.001	-0.004078	-0.005938	40.0275	-0.010938
4.1943	85.1649	88.175	806.378	995.547	-0.004078	-0.004375	40.0275	-0.010938
4.1953	84.8913	88.0381	806.149	994.728	-0.004078	-0.004688	39.9288	-0.012188
4.1963	85.1649	88.3118	806.492	994.591	-0.004078	-0.005825	40.1282	-0.010938
4.1973	84.481	88.4487	805.35	994.455	-0.004078	-0.00825	39.9288	-0.013438
4.1983	85.1649	88.5855	806.721	995.547	-0.004078	-0.005938	40.0275	-0.011563
4.1993	85.1649	88.4487	806.284	995.274	-0.004078	-0.004375	39.8301	-0.011563
4.2003	84.8178	88.3118	806.035	995.001	-0.004078	-0.002813	40.1282	-0.010625
4.2013	84.8178	88.5855	806.284	995.138	-0.004078	-0.007188	39.8301	-0.011563
4.2023	85.0281	88.4487	805.807	995.138	-0.004078	-0.006938	40.0275	-0.010313
4.2033	84.8178	88.175	806.149	995.547	-0.004078	-0.005913	40.1282	-0.010938
4.2043	85.1649	88.3118	806.035	994.728	-0.004078	-0.005938	39.8301	-0.010938
4.2053	85.0281	88.4487	806.035	995.274	-0.004078	-0.00825	39.8301	-0.011563
4.2063	84.8178	88.4487	806.284	995.001	-0.004078	-0.005913	39.8301	-0.012813
4.2073	84.8178	88.4487	806.492	994.182	-0.02038	-0.007813	39.8821	-0.010625
4.2083	85.0281	88.3118	805.464	993.908	-0.02038	-0.007813	39.7314	-0.013438
4.2093	85.1649	88.4487	806.149	995.001	-0.004078	-0.005913	40.1282	-0.013438
4.2103	85.3017	88.4487	805.807	995.001	-0.004078	-0.006313	40.0275	-0.010938
4.2113	84.8178	88.4487	805.807	994.455	0.038885	-0.001563	40.0275	-0.010313

4.2123	84.6178	88.4487	805.807	995.274	-0.004076	-0.005838	39.9288	-0.011563
4.2133	85.0281	88.7224	806.035	995.001	0.038885	-0.004688	39.9288	-0.009375
4.2143	85.0281	88.5855	806.949	995.821	0.02038	-0.005313	39.8834	-0.011875
4.2153	84.8913	88.4487	806.035	994.885	-0.004076	-0.00825	39.6327	-0.011563
4.2163	84.6178	88.3118	806.492	996.23	-0.004076	-0.005825	39.7314	-0.010938
4.2173	85.0281	88.7224	805.122	994.182	-0.004076	-0.006563	39.534	-0.011563
4.2183	85.0281	88.7224	806.492	995.001	0.02038	-0.005313	39.6327	-0.010313
4.2193	85.4385	88.9981	805.893	994.885	-0.004076	-0.005313	39.6821	-0.012813
4.2203	84.6178	88.0381	805.807	995.001	-0.008152	-0.0075	39.6327	-0.011563
4.2213	85.1649	88.4487	806.035	995.138	-0.004076	-0.004688	39.6327	-0.010313
4.2223	84.6178	88.3118	806.284	995.274	-0.004076	-0.006563	39.4353	-0.011563
4.2233	84.481	88.5855	806.284	995.547	-0.018304	-0.005838	39.386	-0.011563
4.2243	84.6178	88.175	806.806	995.411	-0.004076	-0.005838	39.238	-0.011563
4.2253	84.3442	88.4487	805.807	995.001	0.02038	-0.007813	39.3388	-0.01125
4.2263	84.6178	87.9013	806.149	995.001	-0.004076	-0.005838	39.238	-0.010825
4.2273	85.1649	88.3118	806.721	996.367	-0.004076	-0.006563	39.0406	-0.011563
4.2283	84.6178	88.4487	805.893	995.001	-0.004076	-0.005838	39.4353	-0.011563
4.2293	84.6178	88.3118	805.807	994.728	-0.004076	-0.005313	39.386	-0.009888
4.2303	84.6178	88.175	805.35	994.182	-0.004076	-0.005313	38.9912	-0.012813
4.2313	85.0281	88.4487	806.149	994.885	-0.004076	-0.005838	39.6821	-0.010938
4.2323	84.6178	88.4487	806.035	995.411	0.038885	-0.005313	39.238	-0.012188
4.2333	85.1649	88.5855	805.807	994.728	-0.004076	-0.004688	39.5834	-0.010825
4.2343	84.6178	88.5855	805.807	995.001	-0.004076	-0.004375	39.3388	-0.010938
4.2353	84.6178	88.4487	805.893	995.001	-0.004076	-0.007188	39.4847	-0.01125
4.2363	84.8913	88.4487	805.807	994.455	-0.004076	-0.005838	39.2873	-0.012188
4.2373	85.1649	88.5855	806.035	994.885	-0.004076	-0.005825	39.4353	-0.010938
4.2383	85.4385	88.5855	806.149	995.821	-0.004076	-0.006563	39.2873	-0.010938
4.2393	85.0281	88.4487	805.807	995.001	-0.004076	-0.008875	39.238	-0.010938
4.2403	84.6178	88.175	806.378	994.728	-0.004076	-0.00825	39.3388	-0.008125
4.2413	84.6178	88.3118	805.807	995.001	-0.004076	-0.005838	39.2873	-0.010825
4.2423	84.2074	88.3118	805.807	995.001	-0.004076	-0.005825	39.4847	-0.011875
4.2433	84.6178	88.3118	806.284	995.001	-0.004076	-0.005313	39.0406	-0.011563
4.2443	84.6178	88.4487	805.807	994.728	0.02038	-0.005825	39.0406	-0.010938
4.2453	84.6178	88.4487	806.492	995.138	-0.004076	-0.004688	38.8925	-0.01125
4.2463	84.3442	88.175	805.807	994.728	-0.004076	-0.005825	39.0406	-0.010838
4.2473	84.481	88.7224	806.492	995.001	0.032609	-0.005313	38.8432	-0.011875
4.2483	85.1649	88.4487	806.149	994.728	-0.004076	-0.005313	39.0406	-0.011563
4.2493	85.3017	88.5855	806.284	995.274	-0.012228	-0.0075	38.6458	-0.012813
4.2503	85.4385	88.3118	805.484	994.455	-0.004076	-0.00825	38.9419	-0.011563
4.2513	85.0281	88.4487	807.177	994.455	-0.004076	-0.005825	38.8432	-0.009063
4.2523	85.1649	88.7224	805.35	994.182	-0.004076	-0.005838	38.7445	-0.012188
4.2533	85.4385	88.4487	805.35	995.274	0.02038	-0.008875	38.7939	-0.010825
4.2543	85.0281	88.4487	806.035	995.274	-0.004076	-0.005313	38.9419	-0.010313
4.2553	85.1649	88.175	805.893	995.138	-0.004076	-0.004375	38.8432	-0.01125
4.2563	85.1649	88.4487	806.035	994.885	-0.004076	-0.005825	38.7445	-0.012188
4.2573	85.1649	88.4487	806.149	994.728	-0.004076	-0.005838	38.7445	-0.011563
4.2583	84.3442	87.6276	805.238	994.182	0.038885	-0.005838	39.0406	-0.010825
4.2593	84.6178	88.3118	805.807	994.728	-0.004076	-0.00825	38.6458	-0.01125
4.2603	85.1649	88.5855	805.807	995.684	-0.004076	-0.006563	38.6458	-0.011563
4.2613	85.1649	88.3118	805.578	994.045	-0.008152	-0.006563	38.9419	-0.012188
4.2623	84.3442	88.175	807.177	995.001	-0.004076	-0.005313	38.6458	-0.007813
4.2633	85.1649	88.4487	805.807	995.001	-0.004076	-0.005825	38.7445	-0.010938

4.26431	84.6178	88.3118	806.378	994.728	-0.004076	-0.004375	38.8925	-0.010313
4.26531	84.8913	88.4487	806.035	994.865	-0.004076	-0.005825	39.0406	-0.012813
4.26631	84.6178	88.7224	806.264	995.001	0.024456	-0.005313	38.8952	-0.011563
4.26731	84.6178	88.4487	806.807	994.728	-0.004076	-0.005838	38.8925	-0.012188
4.26831	84.8913	88.4487	806.149	995.001	-0.004076	-0.007188	38.6458	-0.010938
4.26931	84.6178	88.4487	806.149	994.728	0.048913	-0.005825	38.7445	-0.010313
4.27031	84.8913	88.5855	805.578	994.591	-0.012228	-0.00625	38.4484	-0.011563
4.27131	85.1849	87.9013	806.264	994.865	-0.004076	-0.005838	38.5965	-0.010938
4.27231	85.1849	88.4487	806.035	994.182	-0.004076	-0.005313	38.6458	-0.010313
4.27331	85.5753	88.3118	805.484	994.591	-0.008152	-0.006863	38.3498	-0.009063
4.27431	84.6178	88.4487	806.035	994.728	-0.004076	-0.005838	38.3498	-0.011875
4.27531	85.0281	88.4487	805.578	994.591	-0.004076	-0.006938	38.5471	-0.011563
4.27631	85.4385	88.9961	806.264	995.274	-0.004076	-0.005838	38.6458	-0.010938
4.27731	84.8913	88.4487	805.807	994.728	-0.004076	-0.005313	38.2511	-0.011875
4.27831	85.4385	88.7224	806.608	994.182	-0.004076	-0.0075	38.3498	-0.011563
4.27931	84.6178	87.7844	805.484	994.728	-0.004076	-0.008563	38.2511	-0.010825
4.28031	84.6178	88.175	806.035	994.865	0.036885	-0.004688	38.0043	-0.011563
4.28131	85.0281	88.5855	805.807	994.182	-0.028532	-0.005838	38.3498	-0.011563
4.28231	84.6178	88.3118	806.035	995.821	-0.004076	-0.004688	38.2511	-0.012813
4.28331	85.0281	88.3118	805.35	994.182	-0.008152	-0.008875	38.2017	-0.010938
4.28431	85.1849	88.4487	807.083	994.455	-0.004076	-0.005313	38.4484	-0.009063
4.28531	85.0281	88.175	806.264	995.138	-0.004076	-0.004083	38.1524	-0.012188
4.28631	84.6178	88.4487	806.264	994.455	-0.004076	-0.005838	38.5471	-0.01125
4.28731	84.6178	88.3118	805.807	994.182	-0.004076	-0.008563	38.2511	-0.010825
4.28831	84.8913	88.4487	805.807	994.455	-0.004076	-0.004688	38.2017	-0.010825
4.28931	84.6178	88.4487	805.807	995.138	0.02038	-0.005313	38.2511	-0.011563
4.29031	85.0281	88.3118	806.264	994.728	-0.004076	-0.005838	38.0043	-0.012188
4.29131	85.5753	87.9013	805.807	994.182	0.02038	-0.008563	38.2017	-0.010313
4.29231	85.3017	88.4487	806.264	994.182	-0.004076	-0.006875	38.0537	-0.010313
4.29331	85.1849	88.4487	805.807	998.23	-0.004076	-0.007188	38.0043	-0.011563
4.29431	84.6178	87.9013	805.578	994.182	-0.004076	-0.007188	38.0537	-0.010313
4.29531	85.4385	88.7224	806.035	994.455	-0.004076	-0.004688	38.1524	-0.00875
4.29631	85.0281	88.175	805.807	994.728	0.012228	-0.005313	37.855	-0.012813
4.29731	84.8913	88.4487	806.035	994.728	0.024456	-0.004063	38.3891	-0.011563
4.29831	85.0281	88.3118	805.807	994.455	0.02038	-0.005313	38.2017	-0.011563
4.29931	85.1849	88.4487	805.807	994.728	0.024456	-0.005313	38.0043	-0.012813
4.30031	84.6178	88.4487	806.035	994.455	0.024456	-0.004063	38.0043	-0.010313
4.30131	84.6178	88.4487	806.035	994.455	-0.004076	-0.007188	37.8583	-0.01125
4.30231	84.6178	88.4487	806.264	994.728	0.040761	-0.005313	37.5602	-0.012813
4.30331	85.5753	88.7224	805.893	994.045	-0.008152	-0.0075	37.8583	-0.011875
4.30431	85.1849	88.4487	805.807	995.547	-0.004076	-0.00625	37.8583	-0.011563
4.30531	84.2074	87.9013	806.35	993.635	-0.02038	-0.007188	37.4615	-0.011563
4.30631	85.0281	88.3118	806.264	994.045	0.024456	-0.005825	37.7578	-0.011563
4.30731	85.1849	88.175	805.807	994.182	-0.004076	-0.005825	37.807	-0.010313
4.30831	85.1849	88.3118	805.807	994.455	-0.004076	-0.005313	37.5602	-0.012813
4.30931	85.1849	88.175	805.893	994.455	-0.004076	-0.004688	37.855	-0.010938
4.31031	85.0281	88.3118	805.807	994.455	-0.004076	-0.005313	37.8583	-0.011563
4.31131	85.1849	88.175	805.807	994.455	-0.004076	-0.004083	37.955	-0.009888
4.31231	84.8913	88.4487	805.578	994.728	-0.004076	-0.007188	37.7083	-0.010938
4.31331	84.6178	88.4487	806.264	994.591	0.044837	-0.005838	37.6589	-0.011875
4.31431	85.4385	88.4487	806.264	994.182	-0.004076	-0.004688	37.7083	-0.011563
4.31531	85.1849	87.9013	805.807	995.884	-0.004076	-0.005825	37.5602	-0.0125

4.31831	85.4385	88.7224	805.893	994.045	-0.004076	-0.005838	37.6589	-0.010313
4.31731	85.1649	88.0381	806.149	994.182	-0.004076	-0.005838	37.6096	-0.009888
4.31831	84.8913	88.4487	805.807	994.182	-0.004076	-0.005838	37.4615	-0.010838
4.31931	85.1649	88.7224	806.035	994.182	-0.004076	-0.00825	37.7083	-0.011563
4.32031	85.1649	88.3118	806.035	994.728	-0.004076	-0.005313	37.955	-0.012188
4.32131	85.5753	88.8582	805.578	993.908	0.024458	-0.005313	37.6589	-0.01125
4.32231	85.1649	87.9013	806.284	994.591	0.028532	-0.004083	37.4615	-0.011563
4.32331	85.4385	88.4487	805.35	993.635	-0.004076	-0.008563	37.2842	-0.01125
4.32431	85.0281	88.4487	806.035	994.885	0.081141	-0.004083	37.4122	-0.010313
4.32531	85.0281	88.3118	806.035	994.885	-0.004076	-0.005313	37.3135	-0.011875
4.32631	85.4385	87.7844	805.807	994.591	-0.004076	-0.008563	37.3629	-0.011875
4.32731	85.1649	88.175	805.807	994.182	-0.004076	-0.005838	37.3629	-0.010313
4.32831	85.5753	88.8582	805.893	993.908	-0.004076	-0.007188	37.1655	-0.009063
4.32931	85.1649	88.175	805.807	994.455	-0.016304	-0.005838	37.1655	-0.011563
4.33031	85.4385	88.5855	806.035	993.499	-0.004076	-0.005313	37.2842	-0.012813
4.33131	85.3017	88.5855	805.238	993.635	-0.004076	-0.005838	37.6589	-0.010825
4.33231	85.4385	88.5855	805.238	994.182	-0.004076	-0.005838	37.1655	-0.011563
4.33331	84.6178	87.9013	805.35	993.362	-0.008152	-0.005313	37.3135	-0.01125
4.33431	85.5753	88.7224	806.608	994.728	0.038685	-0.005838	37.1655	-0.012188
4.33531	85.1649	88.3118	805.893	994.182	0.02038	-0.007813	37.2642	-0.010838
4.33631	85.0281	88.175	805.807	993.908	-0.004076	-0.008563	37.1655	-0.011875
4.33731	85.0281	88.175	806.035	993.635	-0.004076	-0.005838	37.2842	-0.010313
4.33831	85.1649	88.3118	805.807	994.182	-0.012228	-0.008563	37.1181	-0.010838
4.33931	85.1649	88.4487	806.284	994.182	-0.004076	-0.00825	37.2148	-0.010313
4.34031	85.1649	88.4487	805.35	993.908	-0.004076	-0.005825	36.7707	-0.013438
4.34131	85.7121	88.5855	805.35	993.772	-0.004076	-0.005838	37.0668	-0.012188
4.34231	85.3017	88.3118	805.484	993.635	-0.004076	-0.008563	37.3629	-0.010825
4.34331	85.0281	88.175	806.035	994.182	-0.004076	-0.005313	36.9881	-0.010313
4.34431	85.1649	88.7224	806.035	994.455	0.028532	-0.002813	36.9188	-0.011563
4.34531	85.3017	88.4487	805.807	994.182	-0.004076	-0.008563	37.1655	-0.009888
4.34631	85.3017	88.5855	805.807	993.635	0.040761	-0.005313	36.8201	-0.012188
4.34731	85.8489	87.9013	805.35	993.499	-0.02038	-0.007188	36.672	-0.010838
4.34831	85.4385	88.4487	805.484	994.182	-0.004076	-0.008875	36.9881	-0.010825
4.34931	85.1649	88.175	805.893	993.772	-0.004076	-0.007188	36.9881	-0.01125
4.35031	85.1649	88.4487	806.035	994.182	-0.012228	-0.005838	36.8694	-0.010838
4.35131	85.7121	88.4487	805.238	992.406	-0.036686	-0.010313	36.2773	-0.015313
4.35231	85.3017	88.7224	805.35	993.499	-0.008152	-0.007188	36.7707	-0.010838
4.35331	85.1649	88.3118	805.807	994.182	-0.004076	-0.005838	36.9881	-0.010825
4.35431	85.1649	88.175	805.807	993.908	0.028532	-0.008563	36.376	-0.012813
4.35531	85.1649	88.4487	805.807	994.318	-0.004076	-0.004888	36.8201	-0.010825
4.35631	84.6178	88.7224	806.035	993.772	-0.004076	-0.00825	36.8227	-0.010838
4.35731	85.4385	87.9013	805.807	994.455	0.024458	-0.005838	36.7707	-0.010825
4.35831	84.6178	88.4487	805.893	994.182	-0.004076	-0.005838	36.672	-0.012188
4.35931	85.3017	87.9013	805.807	993.089	-0.004076	-0.005313	36.9881	-0.009063
4.36031	85.3017	88.3118	805.893	994.182	-0.004076	-0.008563	36.9881	-0.010313
4.36131	85.1649	88.0381	805.484	993.908	-0.004076	-0.005313	36.9881	-0.009063
4.36231	85.4385	88.3118	806.284	993.499	-0.004076	-0.008563	36.376	-0.010313
4.36331	84.6178	88.4487	805.35	993.362	-0.004076	-0.005838	36.8694	-0.01125
4.36431	85.4385	88.3118	805.578	993.499	-0.004076	-0.005838	36.9881	-0.010313
4.36531	84.6178	88.4487	806.149	993.908	0.028532	-0.005838	36.4747	-0.010313
4.36631	85.1649	88.175	805.807	994.182	-0.016304	-0.003438	36.7214	-0.010825
4.36731	85.1649	88.3118	805.807	994.045	-0.004076	-0.006825	36.376	-0.011563

4.36831	85.3017	88.5855	805.807	993.382	0.040761	-0.008583	38.8201	-0.010825
4.36931	84.6178	88.3118	805.807	993.635	-0.004076	-0.00625	36.672	-0.010313
4.37031	85.1649	88.4487	808.036	994.591	-0.004076	-0.00625	36.672	-0.010313
4.37131	85.7121	88.8592	805.807	993.089	-0.012228	-0.00625	36.4747	-0.010838
4.37231	84.6178	88.4487	805.807	992.543	-0.004076	-0.008583	38.1788	-0.013438
4.37331	85.5753	88.9961	805.35	991.587	-0.036885	-0.00888	35.8825	-0.013438
4.37431	85.3017	88.5855	805.807	993.635	0.02038	-0.005825	36.4253	-0.014063
4.37532	85.4385	88.4487	808.264	993.499	-0.004076	-0.005313	36.5753	-0.01126
4.37632	84.6178	88.4487	805.807	993.226	-0.004076	-0.004688	36.1788	-0.011563
4.37732	85.1649	88.4487	808.264	993.635	0.02038	-0.001875	36.2773	-0.012813
4.37832	85.0281	88.5855	808.149	993.488	-0.004076	-0.007188	36.4747	-0.01
4.37932	85.1649	88.3118	805.807	993.635	0.028532	-0.005825	36.0799	-0.012813
4.38032	85.4385	88.4487	805.464	993.382	-0.004076	-0.005938	36.376	-0.010938
4.38132	85.1649	88.4487	805.807	993.635	-0.004076	-0.005938	36.4747	-0.010313
4.38232	85.4385	88.4487	808.149	994.045	0.02038	-0.005313	36.1788	-0.011563
4.38332	85.7121	88.8592	805.807	992.818	-0.004076	-0.007188	36.3288	-0.009888
4.38432	85.3017	88.175	805.464	992.543	-0.044837	-0.00888	35.8825	-0.013438
4.38532	85.9857	88.0381	805.35	993.089	-0.004076	-0.00625	36.2773	-0.012188
4.38632	85.3017	88.3118	805.807	993.382	-0.004076	-0.005938	36.6694	-0.010313
4.38732	85.1649	88.4487	805.464	992.816	-0.004076	-0.005938	36.2279	-0.010938
4.38832	85.1649	88.7224	805.807	994.045	-0.004076	-0.004688	36.1788	-0.010825
4.38932	85.7121	88.9961	808.149	993.499	-0.004076	-0.005313	36.2773	-0.010313
4.39032	85.9857	88.7224	805.807	992.816	0.02038	-0.007188	35.9812	-0.011563
4.39132	85.1649	88.175	805.693	993.089	-0.004076	-0.005825	36.3288	-0.010938
4.39232	85.9857	88.4487	805.35	993.089	-0.004076	-0.005938	36.2279	-0.012188
4.39332	85.3017	88.4487	805.238	993.635	-0.004076	-0.007188	36.1788	-0.010313
4.39432	85.7121	88.175	805.807	992.543	-0.008152	-0.006875	36.1788	-0.010313
4.39532	85.4385	88.4487	805.35	991.177	-0.036885	-0.00675	35.8812	-0.012813
4.39632	85.4385	88.4487	805.238	991.998	-0.004076	-0.005938	35.8825	-0.011583
4.39732	85.7121	87.9013	808.578	992.816	-0.004076	-0.006875	36.672	-0.010313
4.39832	85.4385	88.175	805.35	992.543	-0.004076	-0.004688	36.2773	-0.011563
4.39932	85.3017	88.3118	805.807	992.816	-0.004076	-0.004688	35.8825	-0.011563
4.40032	85.1649	88.4487	805.35	992.816	0.024456	-0.005938	36.376	-0.010938
4.40132	85.1649	88.3118	805.807	992.679	0.028532	-0.006875	36.0306	-0.010313
4.40232	85.4385	88.4487	805.807	993.089	-0.004076	-0.008125	35.8332	-0.010313
4.40332	85.1649	88.3118	805.35	992.269	-0.004076	-0.008583	35.8851	-0.011583
4.40432	85.4385	88.4487	805.464	993.089	0.02038	-0.008438	36.0799	-0.011583
4.40532	85.4385	88.3118	805.578	992.679	-0.018304	-0.005938	35.8825	-0.010825
4.40632	84.6178	88.4487	804.436	990.494	-0.081141	-0.011875	35.3891	-0.01375
4.40732	85.3017	88.4487	805.35	991.313	-0.004076	-0.008583	35.8332	-0.011563
4.40832	85.3017	88.3118	808.036	991.998	-0.004076	-0.00625	36.2773	-0.011875
4.40932	85.1649	88.3118	805.578	992.543	-0.008152	-0.008583	35.8825	-0.011875
4.41032	85.5753	88.4487	805.807	992.816	-0.004076	-0.004688	35.8851	-0.012813
4.41132	85.4385	88.7224	805.578	991.723	-0.004076	-0.008583	36.0306	-0.011583
4.41232	85.1649	88.4487	806.464	992.816	0.036885	-0.005313	36.0799	-0.010313
4.41332	85.1649	88.4487	805.35	991.86	-0.004076	-0.007188	36.1788	-0.010313
4.41432	85.3017	88.175	805.693	992.269	-0.004076	-0.008583	36.1788	-0.010313
4.41532	85.7121	87.6276	805.807	992.408	-0.004076	-0.005313	36.0799	-0.012188
4.41632	85.0281	87.9013	805.807	992.269	-0.004076	-0.008583	36.0799	-0.01125
4.41732	85.1649	88.7224	808.264	991.45	-0.004076	-0.008583	35.9812	-0.008063
4.41832	85.5753	88.7224	805.238	991.177	-0.004076	-0.005938	36.2773	-0.011563
4.41932	85.1649	88.4487	805.807	991.998	-0.004076	-0.005938	36.4253	-0.011875

4.42032	85.4385	88.4487	805.578	991.996	-0.004076	-0.007813	35.9812	-0.010938
4.42132	85.4385	88.4487	805.578	991.177	-0.004076	-0.008563	36.1786	-0.012813
4.42232	84.8178	88.4487	805.807	991.996	-0.004076	-0.007188	36.1786	-0.010938
4.42332	85.1649	88.5855	805.35	991.587	0.02038	-0.007188	36.0306	-0.011563
4.42432	85.1649	88.4487	805.807	991.723	-0.004076	-0.007813	35.8825	-0.010938
4.42532	85.1649	88.3118	805.35	991.313	-0.004076	-0.007188	35.7838	-0.011563
4.42632	85.3017	88.5855	805.893	992.679	0.02038	-0.008563	35.8825	-0.010938
4.42732	85.3017	88.3118	805.893	990.904	-0.02038	-0.00825	35.8332	-0.012188
4.42832	85.7121	88.8592	808.035	990.904	-0.012228	-0.007813	35.9812	-0.011563
4.42932	85.4385	88.5855	805.35	990.357	-0.006152	-0.007188	35.7345	-0.012188
4.43032	85.5753	88.175	805.807	991.45	0.028532	-0.004063	35.8825	-0.010625
4.43132	85.9857	87.9013	805.238	991.313	-0.004076	-0.005898	35.8319	-0.010313
4.43232	85.5753	88.9961	804.883	991.45	-0.004076	-0.003125	36.2279	-0.011563
4.43332	85.1649	88.4487	805.35	991.45	-0.004076	-0.008125	36.0306	-0.011563
4.43432	85.3017	88.175	805.578	991.723	-0.004076	-0.005313	35.8825	-0.011563
4.43532	85.3017	88.4487	805.35	990.904	0.024458	-0.008563	36.0306	-0.010313
4.43632	85.4385	88.175	805.484	991.177	-0.004076	-0.004888	36.0799	-0.0125
4.43732	85.1649	88.175	805.578	991.177	-0.004076	-0.008563	36.1786	-0.010313
4.43832	85.4385	88.5855	805.35	990.357	-0.004076	-0.008563	36.1292	-0.010938
4.43932	84.8178	88.175	808.721	991.45	-0.004076	-0.005898	36.0799	-0.009375
4.44032	85.4385	88.9961	804.438	990.357	-0.004076	-0.005898	36.0306	-0.012813
4.44132	85.4385	88.4487	805.893	990.357	-0.004076	-0.005313	36.4253	-0.01125
4.44232	85.3017	88.7224	805.238	990.904	-0.004076	-0.008563	36.1292	-0.012188
4.44332	85.1649	88.8592	804.883	990.357	0.02038	-0.003125	36.1786	-0.010313
4.44432	85.0281	88.4487	805.578	990.084	0.024458	-0.008875	36.0799	-0.011563
4.44532	85.9857	87.9013	805.35	990.538	-0.004076	-0.007813	35.9812	-0.010938
4.44632	85.7121	87.7844	805.484	990.811	-0.004076	-0.008563	35.9812	-0.011563
4.44732	85.5753	88.8592	805.35	990.874	-0.004076	-0.007188	36.2279	-0.010938
4.44832	84.481	88.4487	805.35	990.63	-0.004076	-0.008563	36.1292	-0.011563
4.44932	85.4385	88.8592	805.35	990.811	-0.004076	-0.005313	36.3296	-0.011875
4.45032	85.1649	88.3118	808.721	990.63	-0.004076	-0.005313	36.2773	-0.011563
4.45132	85.4385	88.175	805.122	990.874	-0.004076	-0.008875	36.1292	-0.012188
4.45232	85.0281	88.3118	805.007	990.285	-0.02038	-0.005313	36.2773	-0.010625
4.45332	85.1649	88.175	805.578	990.285	-0.004076	-0.007188	36.2773	-0.0125
4.45432	85.4385	88.4487	804.883	990.811	0.028532	-0.004888	36.0799	-0.011563
4.45532	85.3017	88.5855	808.149	990.874	-0.004076	-0.005898	35.9812	-0.012188
4.45632	85.1649	88.4487	805.484	990.948	0.016304	-0.007188	36.2279	-0.010625
4.45732	85.1649	88.4487	805.578	990.674	0.02038	-0.007813	35.9812	-0.012813
4.45832	85.1649	88.4487	805.807	990.811	-0.004076	-0.008563	36.2773	-0.010938
4.45932	85.3017	88.175	805.578	991.313	0.024458	-0.007813	36.0799	-0.01125
4.46032	84.8178	88.4487	805.35	990.128	-0.004076	-0.007188	36.2773	-0.009375
4.46132	85.1649	87.9013	805.893	990.538	-0.004076	-0.005898	36.2773	-0.008063
4.46232	85.0281	88.4487	804.883	990.991	-0.004076	-0.005898	36.0799	-0.013438
4.46332	85.4385	88.4487	804.779	990.538	0.028532	-0.005313	36.4253	-0.011563
4.46432	85.3017	88.175	805.35	990.874	-0.004076	-0.005825	36.1786	-0.011563
4.46532	85.1649	88.3118	805.35	990.285	0.02038	-0.008563	36.2773	-0.011875
4.46632	85.0281	88.4487	805.122	990.285	0.02038	-0.005825	36.4253	-0.010313
4.46732	85.4385	88.4487	805.35	990.285	-0.004076	-0.005898	36.4253	-0.010313
4.46832	85.3017	88.4487	805.122	990.718	-0.004076	-0.007188	36.2773	-0.010938
4.46932	85.1649	88.175	805.578	990.285	-0.012228	-0.005898	36.2773	-0.010625
4.47032	85.1649	88.175	805.122	990.357	-0.012228	-0.007188	36.2279	-0.011563
4.47132	85.5753	88.0381	805.122	997.826	-0.004076	-0.007188	36.1786	-0.010938

4.47232	85.1649	88.5855	805.35	987.626	-0.012228	-0.007813	36.376	-0.010313
4.47332	85.1649	88.175	804.779	988.172	0.024458	-0.006875	35.8825	-0.012813
4.47432	85.1649	88.175	805.236	988.445	-0.004078	-0.007188	36.6227	-0.012188
4.47532	85.1649	88.4487	805.35	988.172	-0.004078	-0.00625	36.1786	-0.012813
4.47632	85.1649	88.4487	805.807	988.445	-0.004078	-0.005838	36.0799	-0.012188
4.47732	85.0281	88.7224	805.35	987.626	0.02038	-0.004688	36.3266	-0.010838
4.47832	85.4385	88.4487	805.122	988.445	-0.004078	-0.0075	36.2773	-0.010838
4.47932	84.6178	88.4487	804.893	987.626	-0.004078	-0.007188	36.0308	-0.010313
4.48032	85.3017	88.175	804.893	988.172	-0.008152	-0.008875	36.1786	-0.011583
4.48132	85.4385	88.175	805.122	989.538	-0.004078	-0.008875	36.2773	-0.008888
4.48232	85.1649	88.4487	805.578	987.626	-0.004078	-0.008583	36.1786	-0.010838
4.48332	85.4385	88.175	805.35	988.445	-0.004078	-0.008583	36.1786	-0.010313
4.48432	85.4385	88.7224	804.893	988.035	0.024458	-0.005838	36.1786	-0.012188
4.48532	85.1649	87.9013	804.665	987.626	-0.004078	-0.008583	36.6227	-0.010625
4.48632	85.7121	88.7224	804.893	987.352	-0.004078	-0.008583	36.3266	-0.0125
4.48732	85.4385	88.175	805.122	987.889	-0.004078	-0.005313	36.4747	-0.010313
4.48832	85.3017	88.175	804.893	987.626	0.028532	-0.008583	36.376	-0.010838
4.48932	85.3017	88.5855	804.893	987.489	-0.004078	-0.007813	36.524	-0.010838
4.49032	85.7121	88.175	804.893	987.626	0.036885	-0.00625	36.4747	-0.010313
4.49132	85.4385	88.4487	805.122	987.489	-0.004078	-0.007188	36.2279	-0.010625
4.49232	85.1649	88.4487	805.236	988.881	0.036885	-0.007188	36.4253	-0.012813
4.49332	85.5753	88.175	804.665	986.533	-0.012228	-0.00875	36.2773	-0.011583
4.49432	85.4385	88.4487	805.35	987.079	-0.004078	-0.008583	36.4253	-0.008125
4.49532	85.1649	88.7224	805.35	987.352	-0.004078	-0.007813	36.376	-0.01125
4.49632	85.4385	88.4487	804.322	986.533	-0.004078	-0.005313	36.6227	-0.010313
4.49732	85.4385	88.4487	804.665	987.216	-0.004078	-0.008125	36.0799	-0.012188
4.49832	85.1649	88.3118	804.893	987.079	-0.004078	-0.005825	36.1786	-0.011583
4.49932	85.3017	88.5855	805.35	986.123	-0.004078	-0.008583	36.376	-0.011583
4.50032	84.8913	88.3118	804.893	987.079	-0.004078	-0.007188	36.2279	-0.01125
4.50132	85.1649	88.3118	804.665	986.396	0.036885	-0.00625	36.0799	-0.011583
4.50232	85.4385	88.4487	804.779	986.808	-0.012228	-0.007188	36.2773	-0.01125
4.50332	85.3017	88.175	804.893	987.489	-0.004078	-0.005313	36.376	-0.010313
4.50432	85.4385	88.4487	804.436	986.26	-0.004078	-0.008583	36.2773	-0.011583
4.50532	85.5753	88.8592	805.921	985.714	-0.004078	-0.00625	36.1786	-0.008438
4.50632	86.1225	87.9013	804.665	986.26	-0.004078	-0.005825	35.9812	-0.011875
4.50732	85.3017	88.7224	805.35	986.887	-0.004078	-0.005838	36.0799	-0.011875
4.50832	85.7121	88.4487	805.122	987.079	0.028532	-0.005825	36.376	-0.010838
4.50932	85.7121	88.4487	804.893	986.533	-0.004078	-0.008583	36.3266	-0.010625
4.51032	85.3017	88.4487	805.007	985.887	-0.004078	-0.004375	36.2279	-0.010625
4.51132	85.1649	88.5855	804.665	986.943	-0.004078	-0.008583	36.1292	-0.011583
4.51232	85.4385	88.4487	804.893	986.26	0.028532	-0.004688	36.1786	-0.010313
4.51332	85.9857	88.8592	804.893	986.533	-0.004078	-0.005825	36.2773	-0.010313
4.51432	85.3017	88.4487	804.665	986.533	-0.004078	-0.005838	36.4747	-0.010313
4.51532	85.4385	87.9013	804.665	985.44	-0.008152	-0.007188	36.1786	-0.011583
4.51632	85.1649	88.8592	805.236	985.304	-0.004078	-0.00625	36.376	-0.01
4.51732	85.4385	88.4487	804.665	985.167	-0.004078	-0.008583	36.2773	-0.011583
4.51832	85.7121	88.175	803.979	985.304	-0.004078	-0.007188	36.2773	-0.011583
4.51932	85.9857	87.6276	804.665	985.304	-0.004078	-0.00625	36.3266	-0.010838
4.52032	85.1649	88.4487	804.55	985.887	-0.008152	-0.008875	36.2279	-0.011583
4.52132	85.1649	88.7224	804.665	985.44	-0.004078	-0.008583	36.1786	-0.010838
4.52232	85.1649	88.4487	804.436	985.85	-0.004078	-0.008125	35.9812	-0.010313
4.52332	85.0281	88.5855	805.122	985.44	0.036885	-0.00625	36.0799	-0.012188

4.52433	85.4385	88.3118	804.438	984.894	-0.004078	-0.006875	36.2279	-0.010625
4.52533	85.4385	88.5855	804.685	986.533	-0.008152	-0.006875	36.0799	-0.011563
4.52633	85.5753	88.8592	803.979	984.757	-0.004078	-0.005625	36.1786	-0.01125
4.52733	85.7121	88.3118	805.578	985.031	-0.004078	-0.005313	35.9812	-0.009083
4.52833	85.0281	88.175	803.979	984.757	-0.012228	-0.007188	35.8825	-0.012813
4.52933	86.1649	88.4487	804.779	984.757	-0.004078	-0.006563	36.2773	-0.009688
4.53033	86.1649	88.4487	804.436	985.031	-0.004078	-0.006563	36.1292	-0.011563
4.53133	86.3017	88.4487	803.979	984.821	-0.004078	-0.007188	35.8825	-0.011875
4.53233	86.3017	88.5855	804.893	985.44	0.02038	-0.003438	36.1292	-0.010313
4.53333	85.4385	88.3118	804.438	984.894	0.016304	-0.006875	35.8825	-0.011563
4.53433	85.4385	88.3118	804.436	984.348	0.024456	-0.005938	35.6332	-0.010313
4.53533	85.1649	88.4487	803.979	984.348	-0.004078	-0.006563	36.2773	-0.010625
4.53633	85.1649	88.4487	804.685	985.031	-0.004078	-0.005625	36.1786	-0.011563
4.53733	85.3017	88.3118	803.979	984.211	-0.008152	-0.007188	36.1786	-0.012813
4.53833	85.5753	88.7224	803.865	984.075	-0.004078	-0.006563	36.1786	-0.010313
4.53933	84.8178	88.3118	804.685	984.211	-0.004078	-0.005938	35.8825	-0.012188
4.54033	85.1649	88.4487	803.294	984.348	-0.004078	-0.005313	36.0799	-0.011875
4.54133	85.3017	88.4487	804.779	984.894	0.02038	-0.004688	36.2773	-0.010313
4.54233	85.5753	88.8592	804.779	984.211	-0.004078	-0.006563	35.8825	-0.011563
4.54333	85.1649	88.3118	803.979	984.348	-0.004078	-0.005313	36.0799	-0.012188
4.54433	85.1649	88.4487	804.436	984.348	-0.004078	-0.007188	36.0799	-0.010313
4.54533	85.4385	88.7224	804.208	983.838	0.028532	-0.006875	35.8332	-0.010313
4.54633	85.4385	88.4487	804.322	983.801	-0.004078	-0.00625	36.0306	-0.010938
4.54733	85.3017	88.7224	803.622	984.348	-0.004078	-0.006563	35.7838	-0.011875
4.54833	85.5753	88.4487	804.438	982.982	-0.004078	-0.005938	35.6851	-0.011563
4.54933	85.1649	88.3118	803.865	983.118	-0.004078	-0.007813	35.7838	-0.011563
4.55033	84.8178	88.4487	803.979	982.438	-0.004078	-0.007813	35.5885	-0.013125
4.55133	85.3017	88.3118	803.979	982.982	-0.004078	-0.00825	35.6851	-0.012813
4.55233	85.4385	88.4487	803.979	982.709	-0.004078	-0.005938	36.1292	-0.010313
4.55333	85.5753	88.9981	803.979	983.118	-0.004078	-0.005938	35.7838	-0.010938
4.55433	85.4385	88.175	803.979	983.255	-0.012228	-0.004688	35.8825	-0.010313
4.55533	85.5753	88.4487	803.751	982.162	-0.004078	-0.008438	35.6851	-0.011563
4.55633	85.9857	88.175	804.436	983.255	0.040761	-0.007188	35.7838	-0.010313
4.55733	85.4385	88.4487	803.837	982.845	0.024456	-0.007188	35.6851	-0.011563
4.55833	85.4385	88.4487	803.865	984.075	-0.008152	-0.007813	35.6358	-0.012813
4.55933	85.4385	88.4487	803.979	981.753	-0.004078	-0.007188	35.7838	-0.010313
4.56033	85.9857	88.9981	804.685	982.709	-0.004078	-0.006563	35.5885	-0.010313
4.56133	85.1649	88.3118	804.685	982.572	-0.008152	-0.006563	35.4384	-0.012188
4.56233	85.5753	88.4487	803.751	982.709	-0.004078	-0.006825	35.8358	-0.011563
4.56333	85.5753	88.4487	803.751	982.845	-0.004078	-0.005938	35.9812	-0.011563
4.56433	85.5753	88.5855	803.979	982.162	-0.004078	-0.005825	35.7345	-0.010938
4.56533	85.1649	88.4487	803.751	982.436	-0.004078	-0.004063	35.7838	-0.0125
4.56633	84.8178	88.4487	803.979	982.162	-0.004078	-0.0075	35.6358	-0.010313
4.56733	86.1225	87.9013	803.522	982.436	0.044837	-0.008583	35.5885	-0.012813
4.56833	85.4385	87.9013	803.751	981.816	-0.004078	-0.00825	35.5885	-0.011875
4.56933	85.5753	88.9981	803.751	982.026	-0.004078	-0.0075	35.6358	-0.010313
4.57033	85.4385	88.175	803.294	981.343	-0.004078	-0.008583	35.7345	-0.010313
4.57133	85.4385	88.4487	804.436	981.479	-0.004078	-0.008583	35.8332	-0.010313
4.57233	85.4385	88.5855	803.068	980.623	-0.036885	-0.008438	35.4878	-0.011563
4.57333	85.7121	88.5855	803.865	981.07	-0.012228	-0.006563	35.6851	-0.012188
4.57433	85.7121	88.4487	803.865	981.07	0.02038	-0.005625	36.1292	-0.010938
4.57533	85.3017	88.7224	803.522	981.816	0.024456	-0.006875	35.3891	-0.010625

4.57633	85.1649	88.4487	803.751	981.479	-0.004076	-0.00375	35.7345	-0.011876
4.57733	85.7121	88.8592	803.408	981.07	0.024456	-0.007188	35.4878	-0.010313
4.57833	85.4385	88.4487	803.979	980.387	0.02038	-0.006563	35.3891	-0.010625
4.57933	85.1649	88.3118	803.522	980.523	-0.004076	-0.00625	35.4878	-0.010625
4.58033	84.8178	88.4487	803.979	981.616	-0.004076	-0.005	35.3891	-0.010625
4.58133	85.5753	88.0381	803.522	981.616	-0.012228	-0.006875	35.2904	-0.011563
4.58233	85.5753	88.5855	803.751	979.977	-0.004076	-0.006563	35.4384	-0.009376
4.58333	85.1649	88.7224	803.066	978.884	-0.028532	-0.008438	35.241	-0.012813
4.58433	85.8489	87.9013	802.837	980.387	-0.004076	-0.007813	35.5885	-0.012188
4.58533	85.4385	88.3118	803.522	980.114	-0.004076	-0.007188	35.4384	-0.010625
4.58633	85.4385	88.5855	803.294	979.977	-0.004076	-0.005938	35.3397	-0.011876
4.58733	85.5753	88.4487	803.522	980.114	-0.004076	-0.002188	35.3891	-0.011563
4.58833	85.0281	88.175	803.637	980.25	-0.004076	-0.007813	35.3891	-0.010625
4.58933	85.9857	88.8592	803.751	980.523	0.052989	-0.005938	35.6851	-0.009688
4.59033	85.5753	88.4487	803.408	980.114	-0.012228	-0.007188	35.4384	-0.011563
4.59133	85.4385	88.4487	803.294	979.977	-0.004076	-0.0075	35.241	-0.010938
4.59233	85.7121	88.5855	803.294	979.84	-0.004076	-0.005313	35.6851	-0.012813
4.59333	85.1649	88.4487	803.522	979.977	-0.004076	-0.005938	35.2904	-0.01125
4.59433	85.5753	88.3118	802.152	978.065	-0.044837	-0.010313	34.945	-0.014063
4.59533	85.5753	88.5855	803.18	979.431	0.024456	-0.005313	35.093	-0.011563
4.59633	85.4385	88.7224	803.522	979.84	-0.004076	-0.005313	35.5371	-0.011663
4.59733	85.5753	88.4487	802.837	979.977	-0.004076	-0.004688	35.093	-0.010938
4.59833	85.5753	88.3118	802.951	978.884	-0.004076	-0.004376	35.3891	-0.01125
4.59933	85.4385	88.3118	803.18	978.884	0.02038	-0.00875	35.1423	-0.012188
4.60033	85.4385	88.4487	802.809	978.884	0.028532	-0.007813	35.0437	-0.011876
4.60133	85.5753	88.4487	802.837	978.884	-0.004076	-0.0075	35.0437	-0.010313
4.60233	88.1225	87.9013	803.294	978.338	-0.004076	-0.0075	35.093	-0.011663
4.60333	85.7121	88.9961	802.951	978.884	-0.008152	-0.007188	35.093	-0.010938
4.60433	85.4385	88.4487	803.294	978.201	-0.004076	-0.006313	35.0437	-0.011876
4.60533	85.7121	88.7224	802.837	977.792	-0.024456	-0.007813	34.8489	-0.012813
4.60633	85.3017	88.3118	803.294	978.884	-0.004076	-0.006563	35.093	-0.0125
4.60733	86.2593	87.8278	802.809	977.792	0.02038	-0.006563	35.3891	-0.011563
4.60833	85.8489	88.8592	803.408	978.884	-0.004076	-0.007188	34.8882	-0.013438
4.60933	85.5753	88.4487	803.885	979.977	0.024456	-0.003438	34.9943	-0.011876
4.61033	85.7121	88.5855	802.837	977.928	-0.004076	-0.005825	35.093	-0.010625
4.61133	85.5753	88.175	803.066	978.748	0.038885	-0.005938	35.093	-0.011563
4.61233	85.0281	88.3118	803.294	978.065	-0.004076	-0.005313	35.1917	-0.012188
4.61333	85.7121	88.7224	802.837	978.884	0.032809	-0.006563	34.8968	-0.009688
4.61433	85.5753	88.4487	802.951	978.201	-0.012228	-0.006875	35.0437	-0.011563
4.61533	85.9857	88.7224	802.837	977.792	-0.004076	-0.00625	35.093	-0.010938
4.61633	85.9857	88.175	802.809	976.698	-0.02038	-0.010938	34.4515	-0.012188
4.61733	84.8913	87.8278	802.152	977.109	-0.012228	-0.007813	35.093	-0.012188
4.61833	85.5753	88.5855	802.837	977.382	0.028532	-0.006875	35.4878	-0.010625
4.61933	85.9857	87.9013	802.809	978.838	0.024456	-0.005313	34.8483	-0.011563
4.62033	85.5753	88.3118	803.066	977.245	0.02038	-0.004083	34.945	-0.010938
4.62133	85.5753	87.8278	802.951	977.245	-0.004076	-0.006875	34.8958	-0.010625
4.62233	88.1225	88.3118	803.066	978.698	0.02038	-0.00625	35.0437	-0.010625
4.62333	85.5753	88.4487	803.066	978.698	0.040761	-0.0075	34.945	-0.010313
4.62433	85.7121	88.4487	802.809	978.428	-0.004076	-0.006563	34.7989	-0.012188
4.62533	85.7121	88.3118	802.837	978.972	-0.004076	-0.005938	34.7989	-0.011876
4.62633	85.4385	88.7224	803.066	975.88	-0.004076	-0.007188	34.5009	-0.012188
4.62733	85.4385	88.4487	801.895	974.241	-0.044837	-0.01125	34.2048	-0.013438

4.82633	85.5753	88.5855	802.152	975.333	-0.004078	-0.005938	34.7476	-0.010938
4.82933	85.3017	88.4487	802.951	976.426	0.02038	-0.005313	35.1917	-0.010313
4.83033	85.5753	88.3118	802.809	975.333	-0.004078	-0.005938	34.945	-0.010938
4.83133	85.7121	88.4487	802.951	975.808	-0.004078	-0.002813	34.7476	-0.011563
4.83233	85.7121	88.3118	802.495	975.08	-0.004078	-0.009888	34.8489	-0.01125
4.83333	88.1225	88.175	802.951	975.333	0.038885	-0.006663	34.945	-0.010938
4.83433	85.4385	88.4487	801.923	974.514	-0.004078	-0.00625	34.8463	-0.013438
4.83533	85.7121	88.9961	801.923	974.514	-0.004078	-0.005938	34.7989	-0.01125
4.83633	85.9857	88.175	802.152	975.333	-0.012228	-0.007813	34.4515	-0.012813
4.83733	85.5753	88.3118	802.809	974.514	-0.004078	-0.005313	34.8483	-0.011563
4.83833	88.2593	88.175	803.294	973.967	-0.004078	-0.007188	34.5502	-0.00875
4.83933	85.7121	88.175	802.495	974.514	0.02038	-0.006563	34.8489	-0.011563
4.84033	85.7121	88.5855	802.495	973.967	-0.004078	-0.006563	34.9943	-0.012188
4.84133	85.7121	88.175	802.152	974.104	0.040781	-0.007188	34.8489	-0.011563
4.84233	85.7121	88.4487	802.38	974.514	-0.004078	-0.006563	34.8882	-0.010938
4.84333	85.5753	88.4487	802.495	973.694	-0.004078	-0.007188	34.8489	-0.011875
4.84433	85.5753	88.3118	802.809	974.241	-0.004078	-0.007188	34.7989	-0.010938
4.84533	85.7121	88.9961	802.809	972.876	0.024458	-0.0075	34.8956	-0.009375
4.84633	85.7121	88.3118	802.152	972.328	-0.004078	-0.005938	34.8982	-0.009063
4.84733	85.7121	88.3118	802.152	973.967	-0.004078	-0.005313	34.4022	-0.010313
4.84833	85.7121	88.4487	802.495	972.328	-0.004078	-0.005	34.4515	-0.01125
4.84933	85.3017	88.4487	802.152	971.782	-0.012228	-0.008438	34.8489	-0.013125
4.85033	85.7121	88.175	801.923	972.192	-0.028532	-0.0075	34.7989	-0.011563
4.85133	85.4385	88.3118	802.152	972.738	-0.004078	-0.006563	35.093	-0.01125
4.85233	85.7121	88.5855	802.038	972.328	-0.004078	-0.006938	34.5009	-0.0125
4.85333	85.9857	88.7224	802.038	971.782	-0.004078	-0.005313	34.8982	-0.011875
4.85433	85.1849	88.3118	801.923	971.782	-0.004078	-0.007188	34.5996	-0.010313
4.85533	85.7121	88.5855	802.38	971.508	-0.004078	-0.005938	34.5009	-0.012813
4.85633	85.7121	88.175	802.152	971.236	-0.018304	-0.006563	34.5996	-0.008438
4.85733	88.1225	88.4487	801.809	971.508	-0.004078	-0.007813	34.8982	-0.010825
4.85833	85.0281	88.3118	802.152	972.055	-0.004078	-0.008438	34.8489	-0.010313
4.85933	85.5753	88.4487	802.152	970.963	-0.004078	-0.009063	34.8489	-0.01125
4.86033	85.5753	88.4487	803.066	970.963	-0.004078	-0.005313	34.5009	-0.008125
4.86133	85.5753	88.4487	801.809	970.688	-0.004078	-0.007813	34.5502	-0.012813
4.86233	85.5753	88.4487	802.38	971.089	-0.004078	-0.005938	34.8483	-0.01125
4.86333	85.7121	88.7224	801.352	970.143	-0.004078	-0.008563	34.5009	-0.010313
4.86433	85.4385	88.175	802.152	970.143	0.02038	-0.004083	34.5009	-0.011563
4.86533	85.7121	88.4487	802.495	970.688	0.02038	-0.004888	34.5996	-0.010938
4.86633	88.1225	88.8592	802.809	970.963	-0.004078	-0.007813	34.2541	-0.012813
4.86733	85.9857	88.5855	802.809	970.007	-0.004078	-0.005938	34.5009	-0.01125
4.86833	85.4385	88.5855	802.951	969.733	-0.004078	-0.005938	34.8489	-0.010938
4.86933	85.5753	88.175	801.809	971.508	-0.004078	-0.0075	34.5502	-0.010825
4.87033	85.7121	88.5855	801.895	968.777	-0.004078	-0.005313	34.5996	-0.0125
4.87133	85.5753	88.175	802.038	968.777	-0.012228	-0.007813	34.8489	-0.009063
4.87233	85.7121	88.9961	801.238	968.914	-0.004078	-0.006875	34.5996	-0.013125
4.87333	85.9857	88.9961	801.467	968.504	-0.004078	-0.005938	34.7989	-0.012813
4.87433	85.7121	88.4487	802.809	969.733	0.028532	-0.004375	34.7989	-0.011563
4.87533	85.5753	88.4487	801.923	968.231	-0.004078	-0.003438	34.7476	-0.010313
4.87633	85.8489	88.8592	801.238	968.368	-0.004078	-0.005313	34.8982	-0.010938
4.87733	85.7121	88.4487	801.467	967.958	-0.004078	-0.008125	34.4022	-0.010938
4.87833	85.7121	88.7224	801.238	967.548	-0.004078	-0.00625	34.5996	-0.009063
4.87933	85.5753	88.5855	802.152	967.958	-0.004078	-0.007188	34.5009	-0.011563

4.68034	85.5753	88.3118	801.923	967.685	-0.004076	-0.005938	34.5896	-0.008375
4.68134	85.7121	88.3118	801.238	967.411	-0.004076	-0.005313	34.5502	-0.012188
4.68234	85.7121	88.7224	803.865	966.182	-0.004076	-0.006563	34.4022	-0.008125
4.68334	85.9857	88.4487	801.238	966.046	-0.008152	-0.006563	34.5009	-0.014375
4.68434	88.1225	88.175	801.467	966.319	0.02038	-0.006563	34.5009	-0.010938
4.68534	85.7121	88.4487	801.923	966.865	0.016304	-0.005938	34.7476	-0.010938
4.68634	85.8489	88.3118	802.152	967.138	-0.004076	-0.005313	34.5896	-0.010313
4.68734	85.3017	88.4487	802.152	966.865	0.02038	-0.005938	34.6882	-0.010825
4.68834	85.9857	88.8582	801.923	966.319	-0.004076	-0.006563	34.5009	-0.011563
4.68934	85.9857	87.9013	801.238	965.773	0.024456	-0.006875	34.3035	-0.010313
4.69034	85.5753	88.7224	801.809	965.773	-0.004076	-0.007188	34.5009	-0.012813
4.69134	85.7121	88.3118	801.581	966.319	-0.004076	-0.005625	34.5896	-0.013125
4.69234	85.9857	88.8582	801.809	965.226	-0.004076	-0.005938	34.5009	-0.010938
4.69334	85.7121	88.4487	802.152	965.226	-0.004076	-0.00625	34.5896	-0.00875
4.69434	85.7121	88.3118	801.124	964.818	-0.004076	-0.00625	34.4515	-0.012813
4.69534	85.5753	88.4487	801.695	965.636	-0.004076	-0.006313	34.6882	-0.011563
4.69634	85.5753	88.4487	801.923	965.226	-0.012228	-0.00625	34.5896	-0.010313
4.69734	85.9857	88.4487	801.695	964.953	-0.004076	-0.00625	34.5502	-0.010938
4.69834	85.7121	88.5855	801.695	963.86	-0.004076	-0.007188	34.5896	-0.011875
4.69934	85.9857	88.0381	801.238	963.997	-0.004076	-0.007813	34.5009	-0.010313
4.70034	85.7121	88.4487	801.809	964.407	-0.004076	-0.00625	34.7476	-0.012813
4.70134	85.9857	88.4487	801.01	963.587	-0.008152	-0.0075	34.5502	-0.011563
4.70234	85.7121	88.4487	801.695	964.543	-0.004076	-0.007813	34.6882	-0.010825
4.70334	85.7121	88.3118	801.01	963.314	-0.004076	-0.007813	34.5009	-0.010825
4.70434	85.7121	88.3118	802.38	963.314	-0.004076	-0.00625	34.5009	-0.009688
4.70534	85.5753	88.5855	801.01	962.768	-0.004076	-0.006563	34.5502	-0.010825
4.70634	85.7121	88.5855	801.695	962.358	-0.004076	-0.006563	34.6489	-0.011875
4.70734	85.7121	88.4487	801.467	961.948	-0.004076	-0.006563	34.5009	-0.010938
4.70834	85.9857	87.9013	801.581	962.495	-0.004076	-0.00625	34.4022	-0.010825
4.70934	85.5753	88.4487	801.238	962.768	-0.004076	-0.005938	34.4022	-0.010825
4.71034	85.7121	88.175	801.695	963.587	-0.004076	-0.006563	34.3035	-0.010938
4.71134	85.9857	88.7224	801.124	962.495	0.024456	-0.006563	34.3035	-0.010313
4.71234	85.7121	88.4487	801.695	962.768	0.028532	-0.00625	34.3035	-0.012188
4.71334	85.7121	88.4487	801.238	963.314	-0.004076	-0.006563	34.3035	-0.011563
4.71434	85.7121	88.4487	801.467	961.402	0.02038	-0.006563	34.5896	-0.010938
4.71534	85.9857	88.175	801.238	961.402	-0.004076	-0.00625	34.3035	-0.008375
4.71634	86.3962	87.9013	800.324	960.856	-0.016304	-0.006563	34.2048	-0.013125
4.71734	85.7121	88.3118	801.124	960.719	-0.004076	-0.00625	34.8483	-0.012813
4.71834	85.7121	88.0381	801.467	961.402	-0.004076	-0.00625	34.2541	-0.010938
4.71934	85.7121	88.9981	801.01	961.129	-0.004076	-0.005313	34.4515	-0.010313
4.72034	85.7121	88.3118	801.01	961.129	-0.004076	-0.004083	34.5896	-0.010938
4.72134	85.5753	88.4487	801.238	960.856	-0.008152	-0.007813	34.3035	-0.010938
4.72234	85.9857	88.5855	801.238	960.309	-0.004076	-0.007188	34.4022	-0.012188
4.72334	85.7121	88.3118	801.01	960.582	-0.004076	-0.007813	34.3035	-0.010938
4.72434	85.7121	88.5855	800.781	960.582	-0.004076	-0.005938	34.4515	-0.012188
4.72534	85.4385	88.3118	801.124	959.899	-0.004076	-0.007813	34.5896	-0.010938
4.72634	85.7121	88.5855	801.467	959.763	-0.004076	-0.007188	34.5896	-0.010313
4.72734	85.4385	88.3118	801.467	959.08	-0.004076	-0.00625	34.5009	-0.010313
4.72834	85.7121	88.4487	800.781	959.217	-0.004076	-0.007188	34.5502	-0.01125
4.72934	85.5753	88.4487	801.238	958.943	-0.004076	-0.006838	34.5896	-0.012188
4.73034	85.9857	88.8582	800.667	958.26	-0.004076	-0.005313	34.6489	-0.010313
4.73134	85.5753	88.3118	800.781	958.534	-0.004076	-0.003125	34.6882	-0.010313

4.73234	85.7121	88.5855	801.238	957.851	-0.004078	-0.006838	34.3035	-0.01376
4.73334	85.3017	88.3118	801.01	957.987	0.038885	-0.0075	34.2048	-0.012188
4.73434	85.8489	88.4487	801.487	958.534	-0.004078	-0.00825	34.3035	-0.010825
4.73534	85.7121	88.3118	801.487	958.49	-0.004078	-0.005838	34.4515	-0.01125
4.73634	85.7121	88.5855	801.238	957.904	-0.004078	-0.005838	34.5009	-0.010913
4.73734	85.7121	88.7224	801.487	957.987	-0.004078	-0.006838	34.4515	-0.007813
4.73834	85.9857	88.4487	801.01	957.578	-0.004078	-0.006563	34.3035	-0.012188
4.73934	85.4385	88.4487	800.667	957.578	0.02038	-0.006838	34.5502	-0.010913
4.74034	85.5753	88.4487	801.124	957.578	0.02038	-0.006838	34.3035	-0.012813
4.74134	85.7121	88.3118	801.01	957.441	0.02038	-0.004375	34.5009	-0.011583
4.74234	85.4385	88.175	800.781	958.758	-0.004078	-0.00825	34.5009	-0.011583
4.74334	85.5753	88.4487	801.01	957.987	-0.004078	-0.007813	34.4515	-0.010938
4.74434	85.8489	88.3118	800.781	957.714	0.044837	-0.006838	34.7969	-0.011583
4.74534	85.5753	88.4487	801.238	957.578	-0.024458	-0.004888	34.3035	-0.010313
4.74634	85.7121	88.4487	800.324	957.904	0.028532	-0.005838	34.4022	-0.012188
4.74734	85.5753	88.4487	801.124	958.485	-0.018304	-0.006563	34.6882	-0.010313
4.74834	85.8489	88.5855	801.01	958.212	-0.004078	-0.006563	34.6882	-0.006875
4.74934	85.7121	88.175	800.667	955.939	-0.004078	-0.007188	34.5998	-0.012188
4.75034	85.7121	87.9013	799.867	955.939	-0.004078	-0.006563	34.8489	-0.010938
4.75134	85.7121	88.4487	800.667	955.939	-0.004078	-0.006563	34.6882	-0.011583
4.75234	85.7121	88.175	801.238	955.802	0.028532	-0.005313	34.5009	-0.012188
4.75334	85.7121	88.4487	800.895	955.939	0.024458	-0.005313	34.5998	-0.010938
4.75434	85.7121	88.3118	800.781	955.529	0.024458	-0.007813	34.5009	-0.010313
4.75534	85.7121	88.4487	800.324	954.573	0.038885	-0.006563	34.5502	-0.011875
4.75634	85.5753	88.4487	800.553	954.848	-0.004078	-0.005313	34.3035	-0.011583
4.75734	85.7121	88.7224	801.01	954.848	-0.004078	-0.005313	34.5009	-0.011583
4.75834	85.7121	88.4487	800.324	955.119	-0.004078	-0.006875	34.5009	-0.010938
4.75934	85.7121	88.4487	801.01	954.3	-0.004078	-0.006563	34.5009	-0.007813
4.76034	85.8489	88.5855	801.238	954.438	-0.004078	-0.007188	34.3035	-0.011875
4.76134	85.5753	88.3118	800.667	954.183	-0.004078	-0.005838	34.3035	-0.010938
4.76234	85.4385	88.3118	800.324	954.573	-0.004078	-0.005825	34.4515	-0.011583
4.76334	85.7121	88.4487	800.098	953.617	-0.008152	-0.00625	34.5998	-0.011583
4.76434	85.1849	88.4487	801.238	953.617	0.024458	-0.004083	34.3035	-0.011583
4.76534	85.7121	88.4487	800.553	954.026	-0.004078	-0.007813	34.5502	-0.010313
4.76634	85.4385	88.175	800.324	954.3	0.040781	-0.006563	34.8489	-0.011875
4.76734	85.7121	87.9013	800.667	953.753	-0.004078	-0.005825	34.8489	-0.010825
4.76834	85.7121	88.5855	800.781	954.573	-0.008152	-0.008125	34.4515	-0.010825
4.76934	85.7121	88.3118	800.324	953.207	-0.004078	-0.005838	34.5502	-0.012188
4.77034	85.7121	88.4487	800.324	953.07	-0.004078	-0.005838	34.5502	-0.012813
4.77134	85.1849	87.9013	799.867	952.661	-0.004078	-0.006563	34.2541	-0.013438
4.77234	85.7121	88.175	800.098	952.387	-0.004078	-0.005313	34.3035	-0.011875
4.77334	85.8489	88.175	800.324	952.661	-0.004078	-0.005838	34.6882	-0.010938
4.77434	85.4385	88.8592	800.781	951.978	-0.004078	-0.005313	34.6882	-0.010825
4.77534	85.9857	88.8592	800.098	951.841	-0.004078	-0.003438	34.5009	-0.012813
4.77634	85.8489	88.175	800.324	951.568	-0.004078	-0.007188	34.5009	-0.010313
4.77734	85.7121	88.3118	800.21	951.705	0.044837	-0.006563	34.3035	-0.011583
4.77834	85.4385	88.7224	800.781	951.568	-0.004078	-0.006563	34.3035	-0.011583
4.77934	85.7121	88.4487	800.324	951.568	-0.004078	-0.00625	34.5502	-0.012188
4.78034	84.6178	88.4487	800.667	951.295	-0.004078	-0.006563	34.5009	-0.010938
4.78134	85.7121	88.175	800.553	950.885	-0.004078	-0.006563	34.4515	-0.011583
4.78234	85.7121	88.4487	800.324	950.202	-0.004078	-0.006563	34.0074	-0.011583
4.78334	85.5753	88.4487	800.098	950.339	-0.004078	-0.005838	34.5502	-0.011583

4.78434	85.7121	88.4487	800.21	950.202	-0.004076	-0.005838	34.3035	-0.011583
4.78534	85.9857	88.7224	800.324	950.475	0.028532	-0.005313	34.3035	-0.010313
4.78634	85.0281	88.4487	800.324	949.829	-0.004076	-0.004688	34.5009	-0.012813
4.78734	85.7121	88.3118	800.324	950.339	-0.004076	-0.006583	34.1555	-0.011583
4.78834	85.7121	88.7224	800.324	950.475	0.028532	-0.006583	34.2048	-0.011583
4.78934	85.7121	88.4487	799.867	949.383	-0.004076	-0.006583	34.2541	-0.010938
4.79034	85.7121	88.5855	799.867	949.792	-0.004076	-0.006838	34.3035	-0.009888
4.79134	85.7121	88.4487	800.324	949.383	-0.004076	-0.007813	34.4022	-0.01125
4.79235	85.5753	88.175	800.324	948.658	-0.008152	-0.007188	34.2541	-0.010313
4.79335	85.7121	88.5855	799.411	948.29	-0.018304	-0.008125	34.0074	-0.011563
4.79435	85.9857	88.7224	799.411	948.838	-0.004076	-0.005838	34.4022	-0.011875
4.79535	85.7121	88.4487	800.324	948.838	-0.004076	-0.005313	34.5009	-0.01125
4.79635	85.7121	88.4487	800.324	949.383	0.024456	-0.004083	34.3035	-0.010313
4.79735	85.7121	88.4487	799.867	948.838	-0.004076	-0.004083	34.2541	-0.010313
4.79835	85.9857	88.4487	799.753	948.838	-0.004076	-0.007188	34.3035	-0.011875
4.79935	85.5753	88.3118	799.839	948.153	-0.004076	-0.007188	34.4022	-0.01125
4.80035	85.7121	88.5855	800.096	947.744	-0.004076	-0.008583	34.3035	-0.010938
4.80135	85.7121	88.175	799.753	949.383	-0.004076	-0.007188	34.3035	-0.01
4.80235	86.1225	87.7844	800.096	947.197	-0.004076	-0.007188	34.5009	-0.009888
4.80335	85.7121	88.5855	799.867	947.197	-0.004076	-0.007813	34.1061	-0.01125
4.80435	85.7121	88.4487	799.867	948.651	-0.018304	-0.008125	33.7114	-0.013125
4.80535	85.7121	88.175	799.753	948.924	-0.004076	-0.008583	34.2048	-0.014083
4.80635	85.5753	88.7224	800.324	948.105	-0.004076	-0.0075	34.4515	-0.0125
4.80735	85.7121	88.3118	799.753	947.197	0.028532	-0.006838	34.1061	-0.008375
4.80835	85.3017	88.4487	799.982	948.924	-0.004076	-0.004375	34.2048	-0.010938
4.80935	85.5753	88.3118	800.21	948.788	-0.004076	-0.006838	33.9087	-0.010938
4.81035	85.9857	88.3118	800.096	948.651	0.024456	-0.008583	34.1555	-0.009063
4.81135	85.4385	88.4487	799.867	948.105	-0.004076	-0.006583	34.1061	-0.010313
4.81235	85.7121	88.175	799.839	945.558	-0.004076	-0.006583	33.9581	-0.009888
4.81335	88.3982	88.3118	799.839	945.831	-0.012228	-0.005938	34.3035	-0.011563
4.81435	85.7121	88.4487	799.411	945.558	-0.004076	-0.008583	34.1555	-0.008888
4.81535	85.7121	88.4487	798.497	943.373	-0.044837	-0.011583	33.4153	-0.012813
4.81635	85.7121	88.4487	798.954	945.831	-0.004076	-0.007813	34.0074	-0.012188
4.81735	88.2583	88.9961	800.324	945.422	-0.004076	-0.006583	34.3035	-0.011563
4.81835	85.7121	88.3118	799.839	945.422	-0.004076	-0.004688	34.1061	-0.010938
4.81935	85.7121	88.3118	799.753	948.105	0.024456	-0.002188	33.9087	-0.012813
4.82035	85.7121	88.4487	799.839	945.285	0.024456	-0.005938	34.1061	-0.012813
4.82135	85.9857	88.7224	799.411	944.739	-0.004076	-0.005938	33.81	-0.012813
4.82235	85.5753	88.0381	799.182	944.875	-0.012228	-0.007188	33.9087	-0.012188
4.82335	85.7121	88.4487	799.411	944.875	0.028532	-0.005625	33.9087	-0.011563
4.82435	85.7121	88.4487	799.867	945.012	-0.004076	-0.005313	34.0074	-0.011563
4.82535	85.9857	88.4487	799.411	943.783	-0.004076	-0.008875	33.81	-0.008375
4.82635	85.7121	88.8592	798.154	941.734	-0.048813	-0.010313	33.514	-0.013438
4.82735	85.7121	88.4487	799.182	943.1	-0.012228	-0.007813	33.9087	-0.010938
4.82835	85.8489	88.4487	799.839	942.827	-0.004076	-0.005938	34.2048	-0.010938
4.82935	85.5753	88.7224	799.182	943.783	-0.004076	-0.005938	33.7607	-0.01125
4.83035	85.7121	88.4487	799.411	942.554	-0.004076	-0.002813	34.0074	-0.011563
4.83135	85.9857	87.7844	799.296	943.1	0.02038	-0.006583	33.8584	-0.010313
4.83235	86.1225	88.0381	798.954	942.554	0.044837	-0.008875	33.81	-0.010313
4.83335	85.9857	88.8592	799.182	943.373	-0.004076	-0.005938	33.7607	-0.010313
4.83435	85.5753	87.9013	798.954	942.28	-0.004076	-0.005313	33.514	-0.010938
4.83535	85.7121	88.175	799.296	942.417	-0.004076	-0.006583	33.6127	-0.010313

4.83635	85.7121	88.175	798.954	941.734	-0.004076	-0.008875	33.8127	-0.010838
4.83735	85.4385	87.9013	799.182	940.641	-0.044837	-0.009888	33.2673	-0.01125
4.83835	85.7121	88.4487	798.954	941.597	-0.004076	-0.005313	33.3186	-0.012188
4.83935	85.8489	88.5855	798.298	941.734	-0.004076	-0.008563	34.2048	-0.009375
4.84035	85.5753	87.9013	799.068	941.051	-0.004076	-0.004688	33.8127	-0.012188
4.84135	85.5753	88.4487	798.298	941.481	-0.004076	-0.004375	33.8127	-0.011563
4.84235	85.7121	88.9861	798.725	941.051	-0.004076	-0.008875	33.7114	-0.010313
4.84335	85.7121	88.175	798.954	941.188	0.024456	-0.007813	33.8127	-0.010838
4.84435	85.9857	88.4487	798.725	940.641	-0.004076	-0.008438	33.7607	-0.011563
4.84535	85.7121	88.7224	798.497	940.641	-0.004076	-0.005838	33.682	-0.010838
4.84635	85.5753	88.175	798.497	941.324	-0.004076	-0.005625	33.514	-0.008688
4.84735	85.9857	88.7224	799.298	940.388	-0.016304	-0.007813	33.4153	-0.011563
4.84835	85.7121	88.4487	798.04	938.729	-0.038885	-0.010838	33.2179	-0.012188
4.84935	85.8489	88.4487	798.954	940.085	0.028532	-0.007188	33.4153	-0.0125
4.85035	85.4385	88.175	798.497	939.549	-0.004076	-0.005313	34.1555	-0.012813
4.85135	85.4385	88.4487	798.725	939.822	-0.004076	-0.005625	33.882	-0.013125
4.85235	85.5753	88.3118	798.725	939.958	-0.008152	-0.004063	33.514	-0.010938
4.85335	85.7121	88.7224	798.725	939.002	-0.004076	-0.008875	33.4153	-0.0125
4.85435	85.7121	88.7224	798.954	939.276	0.024456	-0.008875	33.4153	-0.011875
4.85535	85.7121	88.175	798.725	939.412	-0.004076	-0.008563	33.2673	-0.011875
4.85635	88.2593	88.0381	798.497	939.549	-0.004076	-0.008875	33.2179	-0.012188
4.85735	85.7121	88.4487	798.84	938.729	-0.004076	-0.00825	33.514	-0.011563
4.85835	85.1649	88.4487	798.497	937.91	-0.004076	-0.008563	33.3186	-0.012813
4.85935	85.3017	88.4487	798.954	938.817	-0.02038	-0.009375	33.2179	-0.010838
4.86035	85.7121	88.4487	798.497	938.048	-0.004076	-0.007188	33.514	-0.013125
4.86135	85.7121	88.5855	798.383	937.363	-0.004076	-0.005838	33.682	-0.009375
4.86235	85.7121	88.4487	798.954	938.183	-0.004076	-0.005313	33.4846	-0.010825
4.86335	85.7121	88.4487	798.954	937.91	-0.004076	-0.00375	33.3859	-0.010313
4.86435	85.5753	88.5855	799.182	937.91	0.024456	-0.007188	33.3186	-0.010313
4.86535	88.2593	88.7224	798.383	937.09	-0.004076	-0.005838	33.2179	-0.0125
4.86635	85.7121	88.4487	798.497	937.09	-0.004076	-0.008563	33.3186	-0.010625
4.86735	85.3017	88.4487	798.04	937.09	-0.004076	-0.008438	33.2673	-0.010838
4.86835	85.7121	88.4487	798.954	936.134	-0.004076	-0.005563	33.2673	-0.011875
4.86935	85.7121	88.4487	798.725	935.998	-0.004076	-0.008563	33.2179	-0.012188
4.87035	85.5753	88.4487	798.954	935.178	-0.016304	-0.008125	33.1192	-0.012188
4.87135	85.7121	88.3118	798.497	936.817	-0.004076	-0.006313	33.4153	-0.011875
4.87235	85.5753	88.4487	798.383	936.271	-0.004076	-0.005938	33.8127	-0.010313
4.87335	85.3017	88.4487	798.383	936.817	0.02038	-0.005625	33.3659	-0.010825
4.87435	85.7121	88.4487	798.04	935.178	-0.004076	-0.003438	33.0205	-0.011563
4.87535	85.7121	88.3118	798.04	935.881	-0.004076	-0.006563	33.3186	-0.010838
4.87635	85.7121	88.4487	798.497	934.788	-0.004076	-0.008563	33.3659	-0.010838
4.87735	85.7121	88.3118	798.268	935.178	-0.004076	-0.007813	33.2673	-0.011875
4.87835	85.7121	88.4487	797.812	935.042	-0.004076	-0.007813	33.2179	-0.011563
4.87935	85.4385	88.4487	798.04	936.271	-0.004076	-0.005838	33.4846	-0.010313
4.88035	85.1649	88.4487	797.812	934.359	-0.004076	-0.005838	33.514	-0.011563
4.88135	85.4385	88.3118	799.298	935.178	-0.004076	-0.005838	33.2673	-0.009375
4.88235	85.8489	88.175	797.583	934.085	-0.012228	-0.009083	33.2179	-0.012188
4.88335	85.9857	88.4487	797.926	934.085	-0.004076	-0.005838	33.514	-0.010313
4.88435	85.7121	88.4487	798.268	934.359	0.016304	-0.005313	33.0205	-0.012188
4.88535	86.1225	87.9013	797.489	933.949	-0.004076	-0.008563	33.2673	-0.010825
4.88635	85.5753	88.0381	798.04	934.905	-0.004076	-0.00825	33.0699	-0.010838
4.88735	85.5753	88.7224	797.812	932.993	-0.004076	-0.008563	33.0699	-0.010313

4.88835	85.5753	88.4487	797.812	933.812	0.040761	-0.005838	33.0205	-0.01125
4.88935	85.9857	88.3118	797.812	933.266	-0.004076	-0.00625	33.1192	-0.012188
4.89035	85.7121	88.5855	797.812	934.359	-0.004076	-0.005825	33.0205	-0.011876
4.89135	85.8489	88.3118	797.126	932.72	-0.004076	-0.009063	33.0205	-0.011876
4.89235	85.5753	88.4487	798.497	932.31	-0.004076	-0.008583	33.1886	-0.010313
4.89335	85.7121	88.3118	797.355	932.448	-0.004076	-0.007188	32.8725	-0.012813
4.89435	85.7121	88.175	797.355	931.9	-0.004076	-0.007813	33.4153	-0.012188
4.89535	88.1225	88.4487	797.583	932.72	-0.004076	-0.008583	33.1192	-0.010313
4.89635	85.7121	88.3118	797.583	932.583	-0.004076	-0.005313	33.1192	-0.008438
4.89735	85.4385	88.175	797.469	932.173	-0.004076	-0.008838	33.1192	-0.010313
4.89835	85.7121	88.4487	797.583	932.173	0.028532	-0.005313	33.1192	-0.01125
4.89935	85.5753	88.4487	797.897	931.827	-0.004076	-0.005313	32.8725	-0.010838
4.90035	85.7121	88.3118	797.812	931.354	-0.004076	-0.008583	33.2179	-0.010313
4.90135	85.5753	88.4487	797.355	931.9	-0.004076	-0.007813	33.0205	-0.010838
4.90235	85.9857	88.3118	798.04	931.49	0.028532	-0.005313	33.0205	-0.011583
4.90335	85.7121	88.5855	798.04	931.081	-0.004076	-0.005313	33.0899	-0.009063
4.90435	85.7121	88.4487	797.355	930.807	-0.004076	-0.008875	32.9218	-0.012188
4.90535	88.2593	87.9013	797.355	930.534	-0.004076	-0.007813	33.4153	-0.010313
4.90635	85.4385	88.4487	797.583	930.871	-0.004076	-0.005825	33.2873	-0.0125
4.90735	85.7121	88.4487	797.126	930.398	-0.004076	-0.008875	32.9218	-0.011583
4.90835	85.1649	88.4487	797.355	930.261	-0.004076	-0.005313	32.8232	-0.011583
4.90935	85.7121	88.3118	797.583	930.261	-0.004076	-0.007813	33.1192	-0.010838
4.91035	85.9857	88.3118	797.355	930.125	0.044837	-0.005313	33.0205	-0.010313
4.91135	85.5753	88.5855	798.689	929.188	-0.012228	-0.00825	33.1192	-0.010313
4.91235	85.5753	88.4487	797.355	931.081	-0.008152	-0.005838	32.9218	-0.010838
4.91335	85.8489	88.5855	797.126	929.032	-0.012228	-0.008438	32.8725	-0.008438
4.91435	85.4385	88.4487	797.583	929.032	-0.004076	-0.007813	32.9218	-0.007813
4.91535	85.5753	88.4487	798.327	928.822	-0.008152	-0.007188	32.9218	-0.013125
4.91635	88.1225	88.8592	798.555	928.822	-0.004076	-0.008583	33.1886	-0.010838
4.91735	85.5753	88.4487	797.24	928.885	-0.004076	-0.005838	32.7245	-0.012188
4.91835	85.5753	88.5855	797.126	928.822	-0.012228	-0.004375	32.8258	-0.011583
4.91935	88.1225	87.9013	798.689	928.349	-0.004076	-0.007188	32.9218	-0.010313
4.92035	85.7121	88.4487	797.355	928.822	-0.004076	-0.008583	32.9218	-0.010838
4.92135	85.9857	88.4487	798.689	928.076	0.028532	-0.00625	32.8725	-0.011583
4.92235	85.3017	87.9013	798.213	928.076	-0.016304	-0.00625	32.9712	-0.011876
4.92335	85.7121	88.4487	798.689	928.076	-0.004076	-0.007188	32.9218	-0.010313
4.92435	85.7121	88.4487	798.689	927.803	-0.004076	-0.005838	33.0205	-0.010313
4.92535	85.4385	88.7224	798.268	927.529	-0.004076	-0.005838	33.1192	-0.007813
4.92635	85.7121	88.3118	797.012	928.076	-0.004076	-0.005313	32.8232	-0.011875
4.92735	88.2593	87.7644	798.898	927.529	-0.004076	-0.005825	32.9712	-0.010625
4.92835	85.8489	88.4487	798.689	927.529	-0.004076	-0.008583	33.1886	-0.010838
4.92935	85.7121	88.4487	798.555	927.529	-0.004076	-0.004375	32.7245	-0.010625
4.93035	85.7121	88.3118	798.088	927.393	-0.004076	-0.005825	32.7245	-0.010838
4.93135	85.7121	88.4487	798.327	928.437	-0.012228	-0.008125	32.9218	-0.010838
4.93235	85.3017	88.4487	798.441	927.256	0.032609	-0.007813	33.0205	-0.008868
4.93335	85.5753	88.5855	798.689	928.027	-0.032609	-0.007188	32.7245	-0.010838
4.93435	85.7121	88.7224	798.689	928.437	-0.004076	-0.005838	32.8258	-0.011583
4.93535	85.7121	88.5855	798.213	925.344	-0.004076	-0.00625	32.8751	-0.010313
4.93635	85.9857	88.3118	797.583	928.3	-0.004076	-0.005313	32.8232	-0.009063
4.93735	88.1225	88.3118	798.327	925.617	-0.004076	-0.007813	32.8725	-0.012188
4.93835	85.7121	88.5855	798.689	925.344	-0.004076	-0.00625	33.0205	-0.011583
4.93935	85.7121	88.4487	798.555	925.891	-0.012228	-0.007188	32.8232	-0.010838

4.94036	85.7121	88.7224	796.441	925.617	-0.004076	-0.007188	32.7245	-0.010938
4.94136	85.6753	88.4487	796.213	925.891	-0.004076	-0.008563	32.9218	-0.010938
4.94236	85.7121	88.7224	796.869	924.934	-0.004076	-0.008563	32.9218	-0.010938
4.94336	85.7121	88.7224	796.213	925.208	0.044837	-0.00625	32.7245	-0.012188
4.94436	85.7121	88.175	796.213	924.798	-0.004076	-0.008563	32.6751	-0.011875
4.94536	85.4385	88.3118	795.87	925.617	-0.004076	-0.008875	32.7245	-0.011875
4.94636	85.1649	88.3118	796.555	924.798	-0.004076	-0.005313	32.9712	-0.010938
4.94736	86.3017	88.4487	797.128	925.071	-0.004076	-0.008563	32.9218	-0.007188
4.94836	85.7121	88.3118	795.527	924.252	0.02038	-0.005938	32.9218	-0.015313
4.94936	85.7121	88.7224	796.756	923.705	-0.004076	-0.007188	33.0889	-0.011563
4.95036	85.7121	88.3118	795.527	924.252	-0.004076	-0.005938	33.0889	-0.010625
4.95136	85.9857	88.5855	796.213	924.798	0.028532	-0.008563	32.8258	-0.013125
4.95236	88.2593	87.9013	795.984	924.252	-0.004076	-0.004063	32.6751	-0.010313
4.95336	88.1225	88.8592	795.756	923.689	-0.004076	-0.007188	32.9218	-0.01125
4.95436	85.7121	88.4487	795.527	924.115	-0.004076	-0.007188	32.8725	-0.011563
4.95536	85.9857	88.7224	796.984	923.705	-0.018304	-0.007188	32.7245	-0.010938
4.95636	85.8489	88.175	795.756	924.798	-0.02038	-0.007188	32.8232	-0.010313
4.95736	88.2593	88.3118	795.527	922.813	-0.012228	-0.007813	32.8232	-0.010938
4.95836	85.9857	87.9013	795.756	923.159	-0.004076	-0.008563	32.8725	-0.010938
4.95936	85.7121	88.8592	795.299	922.813	-0.004076	-0.008563	32.7245	-0.013125
4.96036	85.7121	88.4487	795.299	922.888	-0.004076	-0.007188	33.2673	-0.011563
4.96136	85.6753	88.3118	795.299	922.339	0.024456	-0.008125	32.7245	-0.011563
4.96236	85.7121	88.175	796.098	923.022	-0.004076	-0.005938	32.8725	-0.010938
4.96336	85.7121	88.3118	795.413	922.086	-0.012228	-0.005313	32.9712	-0.010313
4.96436	85.7121	88.175	795.299	922.086	-0.004076	-0.00875	32.7245	-0.010313
4.96536	85.7121	88.175	795.413	922.613	0.028532	-0.008563	32.7245	-0.010938
4.96636	85.9857	88.3118	794.956	921.793	-0.004076	-0.009888	32.5271	-0.0125
4.96736	85.7121	88.5855	796.841	922.613	-0.004076	-0.0075	32.9218	-0.01125
4.96836	85.9857	88.3118	794.613	921.383	-0.004076	-0.00875	32.8232	-0.011563
4.96936	85.8489	88.7224	795.756	920.974	-0.02038	-0.007813	32.7245	-0.010938
4.97036	85.8489	88.7224	795.299	920.7	-0.004076	-0.007813	32.8258	-0.010313
4.97136	85.7121	88.5855	795.299	920.974	-0.004076	-0.008875	33.0205	-0.011875
4.97236	85.7121	88.175	794.728	921.52	-0.004076	-0.008125	32.9218	-0.011563
4.97336	85.7121	88.5855	795.527	920.974	-0.004076	-0.005313	32.8232	-0.012813
4.97436	85.7121	88.4487	795.527	921.793	-0.004076	-0.004375	32.7245	-0.010313
4.97536	85.7121	88.4487	794.842	921.247	-0.012228	-0.007813	32.9218	-0.010625
4.97636	85.7121	88.4487	794.842	920.427	0.040761	-0.008563	32.7245	-0.011563
4.97736	85.1649	88.5855	794.842	920.974	-0.004076	-0.005938	32.7245	-0.011563
4.97836	85.7121	88.3118	794.842	922.086	-0.004076	-0.007188	32.5784	-0.011563
4.97936	85.4385	88.7224	795.07	920.427	-0.004076	-0.004375	32.9218	-0.010938
4.98036	85.7121	88.4487	794.728	920.154	-0.004076	-0.008875	32.8232	-0.007813
4.98136	85.7121	88.7224	794.613	919.335	-0.016304	-0.008875	33.0205	-0.012813
4.98236	85.7121	88.4487	795.07	919.891	-0.004076	-0.008875	32.8725	-0.010938
4.98336	85.3017	88.3118	795.299	920.427	0.02038	-0.004888	33.3168	-0.010625
4.98436	85.5753	88.4487	794.728	919.608	-0.004076	-0.005313	32.9712	-0.010938
4.98536	85.7121	88.175	794.842	920.154	-0.004076	-0.005313	33.0205	-0.01125
4.98636	85.7121	88.4487	794.842	918.788	-0.004076	-0.007188	32.9218	-0.010938
4.98736	85.7121	88.4487	794.385	919.081	0.081141	-0.005313	32.7245	-0.010938
4.98836	85.9857	88.4487	795.299	919.608	-0.004076	-0.005825	32.6751	-0.012188
4.98936	85.7121	88.4487	794.613	919.335	-0.004076	-0.005313	32.7245	-0.010625
4.99036	85.7121	88.4487	794.728	918.515	-0.004076	-0.008563	32.7245	-0.010938
4.99136	85.7121	88.5855	794.842	918.242	-0.004076	-0.00825	32.7245	-0.010313

4.99236	85.8489	88.4487	794.842	918.788	0.02038	-0.008875	32.5764	-0.012188
4.99336	85.8489	88.4487	794.813	918.105	-0.004078	-0.008563	32.7245	-0.012188
4.99436	85.7121	88.8592	794.842	918.378	0.02038	-0.007188	33.2179	-0.011563
4.99536	85.7121	88.4487	794.499	918.515	-0.004078	-0.005625	32.5271	-0.011563
4.99636	85.8489	88.4487	794.842	918.788	0.028532	-0.002813	32.8725	-0.01125
4.99736	85.9857	88.7224	794.385	918.515	0.028532	-0.005625	32.8725	-0.010838
4.99836	85.8489	88.4487	794.385	918.242	0.028532	-0.00625	32.9218	-0.009888
4.99936	85.7121	88.3118	794.385	918.242	-0.004078	-0.008875	32.5271	-0.011563
5.00036	85.3017	88.4487	793.928	917.688	-0.012228	-0.008563	32.7245	-0.010313
5.00136	85.9857	88.9961	794.157	917.989	-0.004078	-0.008563	32.5764	-0.01125
5.00236	85.4385	88.4487	794.385	917.422	-0.004078	-0.008563	32.6258	-0.010938
5.00336	86.1225	88.4487	794.385	917.149	-0.008152	-0.007813	33.0899	-0.010938
5.00436	85.8489	88.5855	794.499	917.286	-0.004078	-0.005313	32.8725	-0.012813
5.00536	85.7121	88.7224	794.613	917.013	0.024458	-0.005313	33.1192	-0.01125
5.00636	85.8489	88.4487	793.928	917.149	-0.004078	-0.005313	32.8258	-0.010313
5.00736	85.3017	88.175	793.928	916.488	-0.004078	-0.002813	32.9712	-0.01125
5.00836	85.4385	88.7224	794.157	917.149	-0.004078	-0.0075	32.8232	-0.010938
5.00936	85.7121	88.3118	793.7	916.33	0.028532	-0.0075	32.9712	-0.012813
5.01036	85.5753	88.4487	793.7	916.057	-0.004078	-0.009063	32.9218	-0.010938
5.01136	86.3982	87.9013	793.928	917.149	-0.004078	-0.007188	32.8725	-0.013125
5.01236	85.7121	87.9013	793.928	916.603	-0.004078	-0.005938	32.7245	-0.011663
5.01336	86.2593	88.175	793.814	915.92	-0.004078	-0.007188	33.0899	-0.011563
5.01436	86.1225	87.7644	793.357	915.101	-0.02038	-0.007813	32.8258	-0.013438
5.01536	86.2593	88.175	793.471	915.51	-0.004078	-0.007813	32.7245	-0.009063
5.01636	85.7121	88.5855	793.588	916.057	-0.004078	-0.008125	33.2179	-0.010938
5.01736	85.9857	88.5855	793.928	915.783	-0.004078	-0.005938	32.7245	-0.011663
5.01836	85.0281	88.4487	794.157	916.183	0.02038	-0.003438	32.7245	-0.011663
5.01936	85.7121	88.5855	793.928	914.827	-0.004078	-0.007188	32.7245	-0.010938
5.02036	86.9857	87.9013	793.014	914.554	0.028532	-0.008438	32.9218	-0.010938
5.02136	85.9857	87.9013	793.014	914.984	-0.004078	-0.007188	32.8725	-0.010825
5.02236	85.9857	87.9013	793.928	915.51	-0.004078	-0.007188	32.9218	-0.010938
5.02336	85.7121	88.7224	793.014	915.51	-0.004078	-0.005938	32.8725	-0.011563
5.02436	85.7121	88.175	793.471	915.101	-0.004078	-0.007188	32.8725	-0.012188
5.02536	85.7121	88.175	793.928	914.418	-0.024458	-0.008438	32.7245	-0.010313
5.02636	85.7121	88.3118	793.014	914.827	-0.004078	-0.005938	33.0205	-0.012188
5.02736	85.9857	88.4487	793.471	914.827	-0.004078	-0.005313	33.1192	-0.009888
5.02836	85.7121	88.7224	793.471	914.418	0.02038	-0.005313	32.9218	-0.009063
5.02936	85.7121	88.7224	792.786	914.281	-0.004078	-0.002813	33.1192	-0.010825
5.03036	85.7121	88.3118	793.014	914.418	-0.004078	-0.007188	32.9218	-0.010313
5.03136	86.1225	87.9013	793.357	914.418	-0.004078	-0.00625	33.0205	-0.010825
5.03236	86.2593	88.175	793.7	914.418	-0.004078	-0.005938	32.7245	-0.010938
5.03336	85.7121	88.4487	793.243	914.891	-0.004078	-0.008438	33.0205	-0.010938
5.03436	85.9857	87.9013	793.014	913.871	-0.012228	-0.0075	33.0899	-0.012188
5.03536	85.9857	88.4487	793.471	914.827	0.032809	-0.005938	33.0205	-0.010825
5.03636	85.4385	88.4487	792.101	912.389	-0.052989	-0.010938	32.5271	-0.01375
5.03736	85.7121	88.3118	792.558	913.052	-0.004078	-0.007188	32.9218	-0.012188
5.03836	85.7121	88.0381	793.243	914.144	-0.004078	-0.008563	33.1192	-0.01125
5.03936	85.9857	88.175	792.786	912.779	-0.004078	-0.005313	32.9218	-0.010938
5.04036	85.9857	88.7224	793.014	913.325	-0.004078	-0.004069	33.1192	-0.008375
5.04136	85.7121	88.5855	792.558	913.736	-0.004078	-0.007813	33.0205	-0.01125
5.04236	86.2593	88.3118	792.558	913.052	-0.004078	-0.005313	33.0899	-0.011875
5.04336	85.8489	88.175	793.014	913.325	-0.004078	-0.008563	32.9218	-0.010825

5.04438	85.9857	88.9881	792.9	914.144	-0.004076	-0.006563	33.0205	-0.010625
5.04638	85.7121	88.4487	793.014	913.188	-0.004076	-0.005313	33.2179	-0.010313
5.04838	85.9857	88.4487	793.243	912.779	-0.004076	-0.006563	33.1192	-0.010938
5.04738	85.7121	88.5855	792.329	910.583	-0.036885	-0.010313	32.5271	-0.012813
5.04838	85.9857	88.8582	792.101	912.779	-0.004076	-0.006875	32.8232	-0.011875
5.04938	85.7121	88.175	792.9	913.325	-0.004076	-0.006563	33.7114	-0.010938
5.05038	85.6753	88.5855	792.786	912.505	-0.004076	-0.006563	33.1192	-0.010313
5.05138	85.7121	88.4487	792.558	913.052	-0.004076	-0.003438	33.2873	-0.010825
5.05238	85.7121	88.5855	792.786	911.823	-0.004076	-0.006875	33.2873	-0.01125
5.05338	85.7121	88.4487	792.672	912.505	0.044837	-0.005838	33.4153	-0.011563
5.05438	85.9857	88.4487	792.329	912.915	-0.004076	-0.005838	33.2179	-0.011563
5.05538	85.9857	88.8582	792.558	912.232	-0.004076	-0.006563	33.2179	-0.010938
5.05638	85.7121	88.5855	792.101	912.232	-0.016304	-0.007813	33.2179	-0.011875
5.05738	85.8489	88.3118	792.558	911.886	-0.004076	-0.007188	33.3168	-0.011563
5.05838	85.9857	88.4487	792.215	910.32	-0.044837	-0.006888	32.5271	-0.012813
5.05938	85.8489	88.175	791.768	911.14	-0.02038	-0.006563	33.3168	-0.012813
5.06038	88.2593	88.4487	792.329	911.14	-0.004076	-0.006563	33.5833	-0.010313
5.06138	85.7121	88.8582	792.101	911.14	-0.004076	-0.006563	32.9218	-0.010938
5.06238	85.8489	88.4487	792.101	911.003	0.024456	-0.005313	32.9712	-0.010938
5.06338	85.7121	88.5855	792.215	911.14	-0.004076	-0.007813	33.1192	-0.010313
5.06438	85.4385	88.3118	791.63	910.457	-0.004076	-0.005625	33.1192	-0.009588
5.06538	85.7121	88.175	791.986	910.886	-0.004076	-0.006838	33.0699	-0.011875
5.06638	85.7121	88.4487	792.101	910.583	-0.004076	-0.006563	32.8232	-0.010938
5.06738	85.7121	88.5855	792.443	911.278	-0.004076	-0.007813	33.0205	-0.012188
5.06838	85.9857	88.0381	792.329	909.774	-0.004076	-0.007188	33.1192	-0.010938
5.06938	85.6753	88.5855	790.958	908.545	-0.036885	-0.010313	32.7245	-0.014083
5.07038	85.6753	88.4487	792.215	910.886	0.036885	-0.006563	33.2179	-0.013438
5.07138	85.4385	88.4487	791.644	910.583	0.02038	-0.004063	33.514	-0.010313
5.07238	85.7121	88.4487	792.101	911.14	-0.004076	-0.005838	33.0699	-0.011563
5.07338	85.7121	88.8582	791.415	910.047	-0.004076	-0.005313	33.1192	-0.012188
5.07438	85.6753	88.175	791.872	910.583	0.016304	-0.006563	33.2179	-0.012188
5.07538	85.9857	88.4487	791.986	909.774	0.044837	-0.005625	33.2179	-0.012813
5.07638	85.1849	88.3118	791.986	910.047	-0.004076	-0.006563	33.2873	-0.010938
5.07738	85.7121	88.4487	791.986	910.32	0.016304	-0.006875	33.1192	-0.011563
5.07838	85.7121	88.4487	791.644	910.047	-0.004076	-0.006563	33.2873	-0.011563
5.07938	85.9857	88.4487	791.53	909.774	-0.004076	-0.00625	33.2179	-0.013125
5.08038	85.9857	88.8582	792.9	908.954	-0.012228	-0.009063	33.3168	-0.009063
5.08138	85.7121	88.5855	791.415	908.954	-0.004076	-0.005838	33.1192	-0.012813
5.08238	85.4385	88.3118	792.101	910.047	-0.004076	-0.006875	33.7607	-0.013438
5.08338	85.4385	88.4487	791.187	908.954	0.028532	-0.005313	33.1888	-0.011563
5.08438	85.7121	88.3118	791.53	909.774	0.036885	-0.005838	33.2179	-0.012813
5.08538	85.9857	88.3118	791.187	908.364	-0.004076	-0.006563	33.3168	-0.010938
5.08638	85.7121	88.4487	791.187	908.954	-0.004076	-0.0075	33.2179	-0.011563
5.08738	85.9857	88.3118	791.644	908.954	-0.004076	-0.007188	33.2179	-0.011875
5.08838	85.7121	88.7224	791.53	908.881	-0.008152	-0.006875	33.2179	-0.011875
5.08938	85.6753	88.3118	791.644	909.91	-0.004076	-0.00625	33.3168	-0.011563
5.09038	85.4385	88.3118	791.073	907.998	-0.004076	-0.005313	33.4153	-0.010313
5.09138	85.7121	88.5855	790.958	907.882	-0.008152	-0.0075	33.1192	-0.010938
5.09238	85.7121	88.5855	791.073	907.882	-0.004076	-0.00625	33.2179	-0.012813
5.09338	85.7121	88.7224	790.616	908.408	-0.004076	-0.006875	33.7114	-0.012188
5.09438	86.2593	87.9013	791.187	908.881	0.02038	-0.005625	33.1888	-0.010825
5.09538	85.7121	88.4487	791.53	907.882	-0.004076	-0.003438	33.514	-0.010313

5.09837	88.2593	88.175	791.415	908.818	-0.004078	-0.007188	33.1182	-0.010313
5.09737	85.5753	88.7224	790.958	908.135	-0.004078	-0.00625	33.514	-0.010938
5.09837	85.4385	88.4487	791.187	907.862	0.02038	-0.007188	33.3168	-0.011563
5.09837	85.7121	88.7224	791.415	908.964	0.02038	-0.005825	33.514	-0.010313
5.10037	85.7121	88.5855	790.73	908.135	-0.004078	-0.007188	33.514	-0.011563
5.10137	88.2593	87.9013	791.073	907.315	-0.004078	-0.007188	33.4646	-0.010313
5.10237	85.9857	88.9861	791.415	907.862	-0.004078	-0.007188	33.514	-0.008125
5.10337	85.7121	88.3118	790.159	907.042	-0.004078	-0.006563	33.514	-0.012813
5.10437	85.7121	88.175	790.73	907.589	-0.004078	-0.006938	33.6127	-0.0125
5.10537	85.8489	88.175	790.273	907.589	-0.004078	-0.006313	33.2179	-0.012188
5.10837	85.9857	88.8592	791.073	908.135	0.02038	-0.004083	33.4153	-0.010313
5.10737	88.2593	88.0381	790.616	907.315	-0.004078	-0.005313	33.4646	-0.010938
5.10837	85.7121	88.3118	791.073	908.408	-0.004078	-0.005938	33.4153	-0.012188
5.10837	85.7121	88.0381	790.616	907.042	-0.004078	-0.007188	33.514	-0.012188
5.11037	85.8489	88.3118	790.73	906.789	-0.004078	-0.008063	33.4646	-0.011563
5.11137	85.7121	87.9013	790.387	907.042	-0.004078	-0.007813	33.4153	-0.010313
5.11237	88.1225	88.9861	790.73	906.086	-0.004078	-0.006563	33.4153	-0.010313
5.11337	88.1225	88.4487	791.415	906.832	-0.004078	-0.005313	33.4646	-0.009888
5.11437	85.7121	88.175	790.159	906.789	-0.028532	-0.007813	33.2179	-0.01125
5.11537	85.5753	88.4487	789.931	906.223	-0.004078	-0.007188	33.7114	-0.011563
5.11637	85.7121	88.3118	790.73	906.359	-0.004078	-0.005313	33.4153	-0.010313
5.11737	85.7121	88.5855	790.273	906.223	-0.004078	-0.003125	33.5633	-0.010938
5.11837	85.4385	88.3118	790.273	905.95	-0.004078	-0.00675	33.3659	-0.011563
5.11837	85.7121	88.5855	790.616	906.223	-0.004078	-0.007188	33.4646	-0.010313
5.12037	85.7121	88.3118	790.273	906.789	0.024456	-0.008563	33.2179	-0.01125
5.12137	85.7121	88.3118	790.502	906.789	-0.004078	-0.008563	33.514	-0.011563
5.12237	85.7121	88.4487	790.045	906.789	-0.004078	-0.007813	33.514	-0.010825
5.12337	85.7121	88.3118	789.816	905.876	-0.004078	-0.007188	33.4646	-0.010938
5.12437	85.7121	88.4487	791.187	905.876	-0.004078	-0.007813	33.6127	-0.008125
5.12537	85.7121	88.4487	790.616	905.403	-0.004078	-0.006875	33.4153	-0.011563
5.12637	85.8489	88.175	789.816	906.359	-0.004078	-0.007813	34.0568	-0.011563
5.12737	85.7121	88.4487	789.816	905.95	-0.004078	-0.008563	33.514	-0.011563
5.12837	85.4385	88.4487	790.273	906.359	0.02038	-0.004688	33.514	-0.010938
5.12937	85.7121	88.5855	789.359	905.54	-0.004078	-0.004375	33.4153	-0.010313
5.13037	85.7121	88.7224	790.045	904.857	-0.008152	-0.008563	33.862	-0.010313
5.13137	85.7121	87.9013	790.045	905.95	0.02038	-0.005313	33.7114	-0.012188
5.13237	85.9857	88.4487	790.273	905.54	-0.004078	-0.0075	33.9087	-0.011563
5.13337	85.1649	88.3118	789.359	906.789	-0.004078	-0.008125	33.514	-0.011563
5.13437	85.7121	88.5855	789.359	904.584	-0.004078	-0.0075	33.7114	-0.01125
5.13537	85.7121	88.4487	789.816	905.403	0.028532	-0.007188	33.7114	-0.010313
5.13637	85.5753	88.4487	789.359	904.857	-0.012228	-0.007813	33.6127	-0.011875
5.13737	85.8489	88.175	789.816	904.857	-0.004078	-0.008438	34.3035	-0.011875
5.13837	85.7121	88.4487	789.359	905.13	0.02038	-0.007188	33.7607	-0.010938
5.13937	85.5753	88.3118	789.359	904.584	-0.004078	-0.005938	33.8594	-0.010313
5.14037	88.1225	87.7844	789.359	904.447	-0.004078	-0.006563	33.5633	-0.012188
5.14137	85.7121	88.3118	789.816	904.584	-0.004078	-0.006875	33.862	-0.011875
5.14237	85.7121	88.3118	789.359	904.584	-0.004078	-0.006875	33.6127	-0.010938
5.14337	85.9857	88.7224	789.359	904.584	-0.004078	-0.0075	33.514	-0.010313
5.14437	85.7121	88.9861	789.359	905.876	-0.004078	-0.006563	33.81	-0.011563
5.14537	85.8489	88.7224	789.359	904.857	-0.004078	-0.006563	33.7114	-0.01125
5.14637	85.9857	88.3118	790.045	904.311	-0.004078	-0.007813	33.8594	-0.009083
5.14737	85.8489	88.7224	789.131	904.584	-0.004078	-0.00625	33.81	-0.01125

5.14837	85.8489	87.9013	790.045	904.584	-0.004078	-0.005625	34.1081	-0.010313
5.14937	85.8489	88.4487	789.816	904.584	-0.004078	-0.006125	33.882	-0.011583
5.15037	85.7121	88.5855	789.358	904.993	-0.004078	-0.006583	33.514	-0.012188
5.15137	86.3982	87.9013	789.358	904.584	0.02038	-0.004888	33.6127	-0.012188
5.15237	85.7121	88.4487	789.358	904.311	0.028532	-0.007813	33.81	-0.011875
5.15337	85.7121	88.4487	789.131	904.584	0.028532	-0.005313	33.6127	-0.01125
5.15437	85.7121	88.4487	789.358	904.037	-0.004078	-0.00625	33.7114	-0.0125
5.15537	85.9857	88.175	789.358	905.54	-0.004078	-0.00625	33.7114	-0.011563
5.15637	85.9857	88.3118	789.358	904.037	0.016304	-0.005313	33.9087	-0.011563
5.15737	85.8489	88.175	790.045	904.72	-0.004078	-0.00625	33.7807	-0.008438
5.15837	85.9857	88.9961	788.788	903.628	-0.004078	-0.007188	33.81	-0.011875
5.15937	86.2593	87.9013	789.131	904.174	-0.004078	-0.008875	34.1555	-0.010825
5.16037	85.4385	88.3118	788.448	904.311	-0.004078	-0.005313	33.81	-0.011563
5.16137	85.7121	88.3118	788.788	903.901	-0.004078	-0.004063	33.9087	-0.010938
5.16237	85.7121	88.5855	788.903	904.037	-0.004078	-0.007813	33.81	-0.010938
5.16337	85.8489	88.4487	789.017	903.784	0.038885	-0.00625	33.9087	-0.010313
5.16437	85.7121	88.8592	788.674	903.784	0.038885	-0.008125	33.9087	-0.012813
5.16537	85.7121	88.4487	788.903	904.311	-0.004078	-0.007813	33.7114	-0.011583
5.16637	85.7121	88.4487	788.903	904.174	-0.012228	-0.008875	33.7114	-0.011583
5.16737	85.7121	88.4487	788.674	903.784	-0.004078	-0.00625	33.9087	-0.010825
5.16837	85.7121	88.4487	789.358	904.037	0.028532	-0.005938	33.8594	-0.008125
5.16937	86.2593	88.8592	788.448	902.945	-0.004078	-0.008875	33.81	-0.011583
5.17037	85.9857	88.3118	787.989	903.218	-0.004078	-0.005625	33.514	-0.011583
5.17137	85.8489	88.4487	788.448	904.174	-0.004078	-0.007813	34.0074	-0.012188
5.17237	86.3982	88.3118	788.788	903.901	-0.004078	-0.006583	34.2048	-0.010313
5.17337	85.7121	88.5855	788.448	903.784	-0.004078	-0.005625	33.8594	-0.011583
5.17437	85.9857	88.175	788.58	903.354	-0.004078	-0.007188	33.81	-0.010825
5.17537	85.9857	88.0381	789.131	903.491	0.044837	-0.005313	33.8594	-0.011583
5.17637	86.1225	88.175	788.331	903.784	-0.004078	-0.006583	34.0074	-0.011875
5.17737	85.8489	88.4487	788.331	903.218	-0.004078	-0.007813	33.7807	-0.012188
5.17837	85.7121	88.4487	787.875	902.872	-0.004078	-0.00625	33.8594	-0.010838
5.17937	85.4385	88.4487	789.017	903.901	-0.008152	-0.005625	33.9087	-0.007813
5.18037	85.9857	87.9013	788.674	903.081	-0.004078	-0.006583	33.8594	-0.010938
5.18137	85.9857	88.3118	788.448	903.628	-0.004078	-0.005625	34.1061	-0.011583
5.18237	85.4385	88.4487	788.448	903.354	-0.004078	-0.005313	34.1555	-0.011583
5.18337	85.7121	88.4487	788.103	903.354	-0.004078	-0.005625	33.8594	-0.012813
5.18437	85.7121	88.4487	788.674	903.218	-0.004078	-0.005625	33.7114	-0.010313
5.18537	85.7121	88.4487	788.331	902.808	-0.004078	-0.006583	33.9087	-0.010313
5.18637	85.7121	88.7224	788.903	903.081	0.024456	-0.006583	33.81	-0.010938
5.18737	85.7121	88.3118	788.448	903.491	-0.012228	-0.006583	33.7807	-0.011875
5.18837	86.1225	88.0381	788.448	904.447	-0.004078	-0.008875	33.7114	-0.012188
5.18937	85.7121	88.5855	787.989	902.872	-0.004078	-0.008875	33.7807	-0.010938
5.19037	85.8489	88.4487	789.358	902.398	-0.004078	-0.006583	33.9087	-0.008063
5.19137	85.7121	88.4487	787.532	902.872	-0.038885	-0.008125	33.9087	-0.012813
5.19237	85.7121	88.4487	787.76	902.872	0.024456	-0.007188	33.8594	-0.011875
5.19337	85.5753	89.1329	787.989	902.945	-0.004078	-0.005938	34.1061	-0.010938
5.19437	85.8489	87.9013	787.989	901.852	-0.004078	-0.008875	33.7114	-0.010938
5.19537	85.9857	87.9013	788.217	902.398	-0.004078	-0.004063	34.1061	-0.010938
5.19637	85.4385	88.4487	787.875	902.872	-0.004078	-0.007813	33.81	-0.010838
5.19737	86.539	88.175	787.989	902.872	0.028532	-0.005938	33.9087	-0.010313
5.19837	86.1225	88.9961	787.76	902.398	-0.004078	-0.006583	33.882	-0.012188
5.19937	85.7121	88.3118	788.58	904.447	0.024456	-0.005625	33.882	-0.012188

5.20037	85.7121	88.4487	787.989	903.354	-0.004078	-0.006563	33.81	-0.012188
5.20137	85.7121	88.7224	787.075	901.852	-0.004078	-0.006563	33.7114	-0.010838
5.20237	85.7121	88.4487	788.903	902.398	-0.004078	-0.006563	33.7607	-0.010838
5.20337	85.7121	88.3118	787.875	901.852	-0.004078	-0.006563	34.0568	-0.010838
5.20437	85.7121	88.7224	787.875	902.125	-0.004078	-0.006563	33.7114	-0.010838
5.20537	85.7121	88.4487	787.532	903.218	-0.004078	-0.006563	33.81	-0.01125
5.20637	85.5753	88.5855	787.304	902.945	-0.004078	-0.004063	34.0074	-0.011563
5.20737	85.7121	88.4487	788.331	903.081	-0.004078	-0.006563	33.81	-0.012188
5.20838	85.8489	88.175	787.532	902.808	0.032809	-0.007188	33.81	-0.011563
5.20938	85.7121	88.4487	787.304	902.282	-0.004078	-0.007188	34.1061	-0.012813
5.21038	85.4385	88.3118	787.532	903.491	0.02038	-0.007813	33.9087	-0.010313
5.21138	85.7121	88.4487	787.418	902.282	-0.004078	-0.00625	33.8584	-0.010313
5.21238	85.0281	88.4487	787.532	901.852	0.024458	-0.006563	33.9087	-0.010313
5.21338	85.1649	88.3118	787.532	901.579	-0.004078	-0.007813	33.514	-0.010938
5.21438	85.7121	88.4487	787.418	902.808	-0.004078	-0.00625	33.8584	-0.011563
5.21538	85.7121	88.3118	787.989	901.852	-0.004078	-0.006875	34.1061	-0.010313
5.21638	85.7121	88.175	787.304	902.398	-0.004078	-0.006563	33.9087	-0.011875
5.21738	86.3962	88.4487	787.304	902.398	0.028532	-0.004063	34.0568	-0.011875
5.21838	85.9857	88.7224	787.304	901.715	-0.004078	-0.007813	33.7607	-0.010838
5.21938	85.7121	88.5855	787.418	902.125	0.036685	-0.006563	33.5633	-0.011563
5.22038	85.3017	88.4487	787.76	901.852	0.016304	-0.006838	33.81	-0.010313
5.22138	85.9857	88.175	788.217	903.491	-0.004078	-0.006563	33.7114	-0.011875
5.22238	85.9857	88.7224	787.76	902.398	-0.004078	-0.006875	33.9087	-0.011563
5.22338	85.8489	88.175	787.189	902.872	-0.004078	-0.006838	33.8584	-0.009083
5.22438	85.9857	88.4487	787.532	902.125	-0.004078	-0.006563	33.8584	-0.010838
5.22538	85.9857	88.175	787.418	901.579	-0.004078	-0.006875	33.81	-0.01125
5.22638	86.2593	88.7224	788.847	902.125	-0.004078	-0.006875	34.0074	-0.011563
5.22738	85.5753	88.4487	787.76	902.398	-0.004078	-0.00625	33.6127	-0.012813
5.22838	85.7121	88.7224	787.189	901.852	-0.004078	-0.006888	33.9087	-0.01
5.22938	85.9857	88.4487	787.075	901.852	0.024458	-0.007188	33.81	-0.01125
5.23038	86.2593	87.9013	787.532	902.672	0.061141	-0.005	34.0074	-0.011563
5.23138	85.7121	88.3118	787.189	901.715	-0.004078	-0.005313	33.81	-0.010625
5.23238	85.7121	88.3118	786.618	902.808	-0.004078	-0.006875	33.9087	-0.010838
5.23338	85.7121	88.4487	787.532	901.579	-0.004078	-0.0075	33.9087	-0.010313
5.23438	86.1225	88.4487	787.76	902.945	-0.004078	-0.006838	34.1061	-0.010313
5.23538	86.2593	88.175	786.278	901.308	-0.028532	-0.006888	33.4648	-0.012813
5.23638	86.1225	88.7224	786.181	901.442	-0.004078	-0.005313	33.81	-0.012188
5.23738	85.7121	88.3118	786.981	902.398	0.040781	-0.006875	34.3035	-0.010313
5.23838	85.9857	88.9961	787.075	902.125	0.02038	-0.006563	34.2048	-0.010825
5.23938	88.3962	88.4487	787.075	901.852	-0.004078	-0.006875	34.0074	-0.010313
5.24038	85.9857	88.4487	787.075	902.398	-0.004078	-0.006563	34.0074	-0.010838
5.24138	85.7121	88.3118	787.075	901.852	0.040781	-0.006563	33.9581	-0.010313
5.24238	85.8489	88.4487	787.189	902.398	-0.004078	-0.007188	33.9087	-0.011563
5.24338	85.8489	88.5855	786.618	902.282	0.02038	-0.007188	34.0074	-0.010313
5.24438	85.5753	88.9961	787.189	902.398	-0.004078	-0.007813	33.9087	-0.010838

0	69.8592	83.3868	17.4753	8.19493	30.9189	0.021563	-0.188454	5.21094
0.001	69.8592	83.5236	17.2489	7.78518	30.9088	0.020938	-0.237799	5.20908
0.002	69.8592	83.25	17.2489	8.19493	30.9495	0.02125	-0.287144	5.20887
0.003	69.8592	83.5236	17.4753	7.23885	30.5338	0.021563	-0.484523	5.20658
0.004	70.2688	83.3868	17.0185	7.78518	28.7787	0.02125	-0.435178	5.21312
0.005	69.8592	82.8398	16.5816	7.51202	28.9667	0.021563	-0.435178	5.20989
0.008	69.9958	83.9339	16.79	8.05835	29.3089	0.021563	-0.533867	5.19858
0.007001	69.8592	83.7971	17.0185	8.05835	29.6778	0.023438	-0.13911	5.19989
0.008001	69.8592	82.9785	16.8758	7.6488	30.3055	0.022188	-0.188454	5.15219
0.009001	69.9958	83.7971	17.1327	8.60488	30.6012	0.024688	-0.237799	5.17158
0.010001	69.7227	83.9339	17.2489	8.33151	30.387	0.020825	-0.435178	5.22489
0.011001	69.7227	83.25	17.5895	8.60488	30.5093	0.022188	-0.237799	5.20908
0.012001	69.9958	84.0706	17.0185	8.46809	30.5582	0.021563	-0.435178	5.20989
0.013001	69.7227	83.5236	16.8758	9.01442	30.224	0.021563	-0.338488	5.21094
0.014001	69.8592	82.4285	16.9042	7.92177	29.9631	0.023438	-0.13911	5.21187
0.015001	70.1323	83.5236	17.2489	7.78518	29.8859	0.02125	-0.13911	5.21489
0.016001	70.4053	83.3868	17.2489	7.6488	29.209	0.021875	-0.287144	5.21082
0.017001	69.8592	83.5236	16.8758	7.78518	28.9278	0.020825	-0.287144	5.20719
0.018001	70.1323	83.3868	17.1327	7.78518	29.5147	0.022188	-0.188454	5.21219
0.019001	70.1323	83.25	16.8758	8.19493	30.3828	0.02375	-0.089785	5.21312
0.020001	69.7227	83.5236	17.0185	8.46809	30.2588	0.022188	-0.237799	5.21219
0.021002	69.8592	83.5236	17.2489	8.33151	30.9577	0.021563	-0.435178	5.19408
0.022002	69.8592	83.3868	16.9042	7.92177	31.512	0.020938	-0.832557	5.17219
0.023002	70.1323	83.5236	17.0185	7.51202	31.459	0.022188	-0.287144	5.15812
0.024002	69.9958	83.25	17.2489	7.78518	30.9658	0.021875	-0.287144	5.18858
0.025002	70.1323	83.5236	16.8758	7.37544	30.8985	0.02125	-0.237799	5.21808
0.026002	69.8592	83.5236	17.4753	8.05835	30.2728	0.022188	-0.533867	5.20781
0.027002	69.7227	83.1133	16.3332	6.98588	28.8544	0.020313	-0.780581	5.21094
0.028002	70.4053	83.5236	16.8758	8.05835	29.474	0.021563	-0.435178	5.21082
0.029002	70.4053	83.5236	17.1327	8.33151	29.9508	0.02375	-0.13911	5.21312
0.030002	69.9958	83.5236	16.79	8.05835	30.5582	0.022188	-0.832557	5.21158
0.031002	69.9958	83.1133	17.0185	8.33151	30.8802	0.02375	-0.338488	5.20719
0.032002	69.9958	83.8603	16.79	7.6488	30.9008	0.021563	-0.13911	5.21219
0.033002	70.1323	83.3868	17.3611	8.05835	31.0677	0.021563	-0.338488	5.21312
0.034002	69.9958	83.3868	17.2489	8.60488	31.2348	0.023125	-0.237799	5.21094
0.035003	70.6784	83.5236	16.5816	7.37544	30.9821	0.020938	-0.435178	5.20858
0.036003	69.7227	83.25	17.1327	9.42417	30.6071	0.023125	-0.435178	5.18844
0.037003	70.2688	83.9339	16.5816	7.51202	30.5258	0.02125	-0.287144	5.17219
0.038003	70.2688	83.9339	16.3332	7.37544	30.0528	0.021563	-0.681901	5.15219
0.039003	70.1323	83.5236	16.8758	8.87784	28.3782	0.02125	-0.287144	5.19875
0.040003	70.4053	83.7971	17.0185	7.92177	29.9224	0.022813	-0.089785	5.21158
0.041003	70.1323	83.7971	16.79	8.60488	30.5501	0.022813	-0.287144	5.20844
0.042003	70.2688	83.5236	17.5895	8.60488	30.8435	0.025938	-0.237799	5.20844
0.043003	70.4053	83.5236	16.79	8.19493	31.2348	0.023438	-0.287144	5.20584
0.044003	70.2688	83.3868	16.79	8.33151	31.4427	0.022813	-0.287144	5.20719
0.045003	70.1323	82.8398	16.79	7.92177	31.3001	0.022188	-0.338488	5.20719
0.046003	70.1323	83.5236	16.79	8.46809	31.2787	0.020838	-0.237799	5.20989
0.047003	70.5419	83.5236	17.0185	7.92177	31.0881	0.022188	-0.435178	5.21082
0.048004	70.1323	83.5236	17.0185	7.37544	30.489	0.020938	-0.13911	5.21082
0.049004	70.1323	83.5236	16.3332	6.89253	29.6778	0.017188	-0.928625	5.20858
0.050004	69.8592	83.5236	17.1327	7.37544	29.0012	0.022188	-0.533867	5.19781
0.051004	70.1323	83.3868	17.2489	7.92177	29.2783	0.023438	-0.188454	5.17989

0.052004	68.8592	82.9765	16.9042	8.05835	29.7834	0.023438	-0.435178	5.16094
0.053004	70.1323	83.5236	17.4753	8.87784	30.008	0.02625	-0.13911	5.16344
0.054004	70.4053	83.3868	16.9042	8.05835	30.3096	0.021875	-0.13911	5.20858
0.055004	69.3132	83.25	16.5616	7.51202	30.4845	0.020938	-0.237799	5.20858
0.056004	69.9958	83.9339	16.9042	8.33151	30.33	0.019688	-0.237799	5.20988
0.057004	70.1323	83.3868	17.0185	8.05835	30.2892	0.020313	-0.237799	5.21062
0.058004	70.1323	83.5236	17.2469	8.33151	30.2484	0.020938	-0.04042	5.20781
0.059004	70.4053	83.5236	17.0185	8.19493	29.9101	0.022188	-0.336488	5.20594
0.060004	70.1323	83.25	17.2469	7.23885	29.4658	0.017813	-0.533867	5.20844
0.061004	70.2688	83.3868	15.8763	7.51202	28.8278	0.021875	-0.287144	5.20875
0.062005	70.4053	83.3868	16.79	7.92177	29.4414	0.023438	0.206303	5.21062
0.063005	70.2688	83.6603	17.0185	8.33151	30.0813	0.022613	-0.484523	5.20656
0.064005	70.1323	83.25	16.4474	7.78518	30.5093	0.02625	-0.13911	5.20887
0.065005	70.1323	83.7971	16.8758	8.19493	30.8435	0.019688	-0.435178	5.19989
0.066005	70.1323	83.25	17.2469	8.05835	30.8577	0.023438	-0.435178	5.17531
0.067005	68.8592	83.1133	16.79	7.92177	31.0229	0.020938	-0.237799	5.15489
0.068005	70.1323	83.3868	16.5616	8.19493	30.9803	0.022188	-0.385833	5.16594
0.069005	70.4053	83.6603	16.9042	7.78518	30.7908	0.021875	-0.237799	5.21406
0.070005	70.1323	83.5236	17.2469	7.51202	30.2362	0.021875	-0.04042	5.20594
0.071005	70.2688	84.0708	15.8763	6.82811	29.8082	0.019063	-0.828625	5.20594
0.072005	70.2688	83.6603	16.6758	7.51202	29.3517	0.022188	-0.287144	5.20281
0.073005	70.4053	83.6603	17.0185	8.60468	28.4917	0.023438	0.058269	5.18989
0.074005	70.2688	83.9339	16.9042	8.60468	28.2875	0.022188	-0.287144	5.20406
0.075005	70.9515	83.5236	16.6758	7.23885	28.9886	0.020938	-0.287144	5.21094
0.076006	70.4053	83.3868	17.2469	7.8486	29.5086	0.020938	-0.237799	5.20844
0.077006	70.4053	83.5236	16.79	7.23885	28.6982	0.019688	-0.533867	5.20625
0.078006	70.4053	83.5236	17.3611	6.96569	28.833	0.022188	-0.336488	5.20375
0.079006	70.2688	83.7971	17.0185	8.05835	28.8696	0.024688	-0.237799	5.20856
0.080006	70.5419	83.5236	16.79	8.05835	29.7919	0.022613	-0.435178	5.19582
0.081006	70.2688	83.5236	17.0185	7.51202	29.5983	0.02375	-0.13911	5.18989
0.082006	70.4053	83.5236	15.8763	6.1462	29.0338	0.019688	-0.828936	5.14812
0.083006	70.4053	83.9339	16.4474	7.92177	28.887	0.020938	-0.287144	5.18989
0.084006	70.4053	83.3868	16.79	7.23885	29.0827	0.020313	0.255848	5.21875
0.085006	70.2688	83.5236	16.79	7.8486	29.7063	0.020313	-0.435178	5.20406
0.086006	70.2688	83.5236	16.3332	7.78518	30.3666	0.02125	-0.13911	5.20719
0.087006	70.8784	83.5236	17.2469	8.60468	30.8272	0.023125	-0.287144	5.20187
0.088006	70.9515	83.6603	17.0185	8.05835	31.0229	0.021583	-0.237799	5.20406
0.089006	70.2688	83.5236	16.4474	8.05835	31.2185	0.021583	-0.04042	5.21062
0.090007	70.4053	84.0708	17.1327	8.33151	31.2512	0.023438	-0.435178	5.20719
0.091007	70.4053	83.3868	17.2469	8.60468	31.1533	0.022613	-0.287144	5.20658
0.092007	70.2688	83.5236	16.79	7.51202	31.0088	0.021583	-0.13911	5.20375
0.093007	70.4053	83.6603	17.7038	7.78518	30.8517	0.020938	-0.435178	5.21094
0.094007	70.4053	83.5236	16.3332	7.23885	30.1751	0.020625	-0.237799	5.20844
0.095007	70.2688	82.8398	17.0185	8.05835	29.3558	0.02125	0.107614	5.19187
0.096007	70.2688	84.481	16.79	8.19493	28.9115	0.02375	-0.484523	5.18489
0.097007	70.5419	83.5236	16.79	7.92177	29.4658	0.025825	-0.336488	5.14887
0.098007	70.4053	83.7971	16.3332	8.33151	29.7308	0.0225	-0.435178	5.18989
0.099007	70.1323	83.5236	17.1327	7.8486	30.2158	0.020313	-0.832557	5.21562
0.100007	70.2688	83.5236	17.3611	8.05835	30.2526	0.02125	-0.336488	5.20719
0.101007	70.4053	83.25	17.0185	8.05835	30.0813	0.023125	-0.435178	5.20489
0.102007	70.4053	83.7971	16.3332	8.46808	30.3055	0.020938	-0.484523	5.20594
0.103007	70.1323	83.6603	17.0185	7.51202	30.1588	0.01875	-0.237799	5.20989

0.104007	70.1323	83.7971	17.3611	7.10227	29.2946	0.020313	-0.484523	5.21281
0.105008	70.1323	83.5236	16.79	7.37544	29.3436	0.02125	-0.533667	5.20719
0.106008	70.4053	83.6603	16.5816	8.19493	29.4332	0.022188	-0.13911	5.20469
0.107008	69.8592	83.5236	16.5816	7.10227	29.5066	0.021563	-0.435178	5.20969
0.108008	70.1323	83.3668	16.79	7.92177	30.118	0.025838	-0.435178	5.21094
0.109008	69.8592	82.8398	16.6758	8.05835	31.6508	0.022188	-0.435178	5.20281
0.110008	70.4053	83.3668	17.2469	8.05835	31.349	0.021563	-0.435178	5.17989
0.111008	70.2688	83.5236	16.6758	8.05835	31.137	0.022188	-0.287144	5.15989
0.112008	70.4053	82.9765	16.9042	8.60468	32.3781	0.02375	-0.435178	5.15531
0.113008	70.2688	83.25	16.5816	8.33151	32.0011	0.020938	-0.336488	5.21719
0.114008	70.2688	83.5236	16.9042	7.78518	31.4142	0.020625	-0.484523	5.21219
0.115008	70.4053	83.25	17.5895	8.48809	31.9074	0.023438	-0.435178	5.21094
0.116008	70.1323	83.5236	16.3332	7.23885	30.9008	0.020625	-0.435178	5.20844
0.117008	70.1323	83.7971	16.79	7.51202	29.2131	0.020938	0.058289	5.21094
0.118008	70.1323	82.8398	16.9042	8.19493	29.2946	0.021875	-0.04042	5.21469
0.119009	70.2688	83.6603	16.3332	6.96569	29.8001	0.021563	-0.237799	5.21168
0.120009	70.4053	83.5236	17.2469	8.33151	30.1761	0.021875	0.068289	5.20844
0.121008	70.1323	84.0706	16.79	8.19493	30.2566	0.020313	-0.533667	5.21219
0.122009	70.2688	84.0706	16.4474	7.92177	30.224	0.02125	-0.435178	5.21344
0.123009	70.6784	83.3668	16.2169	8.05835	30.3829	0.020313	-0.435178	5.21825
0.124009	70.4053	83.25	16.3332	9.151	30.2321	0.022188	-0.435178	5.20156
0.125009	70.1323	83.5236	17.2469	7.6489	29.6082	0.023125	-0.336488	5.17531
0.126009	69.5862	83.3668	17.818	7.51202	29.4658	0.023438	-0.533667	5.18281
0.127008	70.4053	83.5236	16.2169	7.37544	29.1968	0.022188	-0.435178	5.16469
0.128009	70.2688	83.1133	16.9042	8.60468	28.724	0.022913	0.156959	5.22375
0.129009	70.2688	83.5236	17.2469	7.37544	28.4876	0.022188	-0.533667	5.20813
0.130009	69.5862	83.5236	16.9042	8.60468	29.5025	0.022188	-0.435178	5.21436
0.131009	70.9515	83.25	16.9042	8.19493	30.224	0.022613	-0.435178	5.21375
0.13201	70.4053	83.5236	17.0185	8.48809	30.4033	0.01875	-0.435178	5.21281
0.13301	69.8592	83.1133	16.9042	8.19493	30.8721	0.020938	-0.435178	5.21219
0.13401	70.2688	83.3668	17.0185	8.60468	31.0681	0.0225	-0.435178	5.20844
0.13501	70.4053	83.5236	17.1327	8.33151	31.137	0.022613	-0.435178	5.21219
0.13601	70.2688	83.5236	17.0185	7.78518	31.3816	0.022188	-0.237799	5.21344
0.13701	70.4053	83.5236	16.3891	7.92177	31.0229	0.021563	-0.533667	5.21656
0.13801	69.8592	83.5236	16.79	8.05835	30.3422	0.023438	-0.533667	5.20813
0.13901	69.8592	83.5236	17.7038	7.92177	28.9196	0.023438	0.107614	5.19438
0.14001	70.2688	83.25	17.2469	8.33151	28.887	0.022613	-0.237799	5.17344
0.14101	70.4053	84.0706	17.0185	8.60468	29.6696	0.021875	-0.069785	5.15812
0.14201	70.4053	83.6603	17.2469	8.48809	29.8531	0.021563	-0.237799	5.17989
0.14301	70.5419	83.3668	17.2469	8.48809	30.0283	0.020625	-0.336488	5.21812
0.14401	70.9515	83.3668	17.1327	8.19493	30.2851	0.022188	-0.237799	5.20531
0.14501	70.4053	83.25	16.6758	8.05835	30.2403	0.023438	-0.287144	5.21219
0.146011	70.1323	83.5236	17.0185	9.42417	30.0772	0.022188	-0.13911	5.20781
0.147011	70.4053	83.5236	16.4474	7.23885	29.9713	0.021875	-0.435178	5.20875
0.148011	70.4053	83.5236	17.7038	8.48809	29.6533	0.022188	-0.237799	5.20781
0.149011	70.2688	83.9339	16.3332	7.37544	29.2885	0.0175	-0.435178	5.20406
0.150011	69.8592	83.3668	16.79	8.19493	28.7321	0.020625	-0.435178	5.20856
0.151011	70.5419	83.7971	17.1327	8.19493	28.1207	0.018125	-0.13911	5.20908
0.152011	70.2688	83.3668	17.2469	8.05835	28.512	0.024375	-0.069785	5.20594
0.153011	70.4053	83.7971	17.1327	8.06835	29.3762	0.022613	-0.336488	5.20156
0.154011	70.9515	83.5236	17.2469	8.33151	29.8979	0.023125	-0.237799	5.18687
0.155011	70.4053	83.5236	17.4753	7.51202	30.4482	0.022188	-0.336488	5.18906

0.158011	70.4053	83.5238	16.9042	8.19483	30.5908	0.022813	-0.435178	5.14989
0.157011	70.4053	83.5238	17.1327	8.87784	30.8108	0.0225	-0.435178	5.19156
0.158011	70.4053	83.8803	17.5895	7.8488	31.08	0.020313	-0.533867	5.20906
0.158011	70.4053	83.5238	18.1606	7.92177	30.9188	0.020838	-0.338488	5.20719
0.160012	70.2888	82.8398	16.79	8.05835	30.3983	0.019083	-0.237789	5.20844
0.161012	70.1323	83.8803	16.4474	8.19483	29.5228	0.020838	0.058289	5.20856
0.162012	70.4053	84.0708	17.0185	8.19483	28.8544	0.024375	-0.04042	5.20406
0.163012	70.4053	83.5238	16.5616	7.23885	28.474	0.02375	-0.13911	5.20531
0.164012	70.4053	83.5238	16.6758	8.33151	30.0038	0.024688	-0.237789	5.20781
0.165012	70.1323	83.9339	17.3611	8.60488	30.3544	0.021583	-0.237789	5.20844
0.166012	70.2888	84.2074	16.9042	7.78518	30.548	0.020838	-0.237789	5.20719
0.167012	70.1323	83.8803	16.79	7.97544	30.4358	0.02125	-0.338488	5.20469
0.168012	70.4053	83.5238	16.9042	8.60488	30.4482	0.0225	-0.338488	5.19988
0.169012	70.8784	83.5238	17.0185	7.51202	30.6723	0.022188	-0.287144	5.18187
0.170012	70.4053	82.703	16.6758	7.78518	30.1425	0.020838	-0.287144	5.18406
0.171012	69.9958	83.8803	16.79	8.33151	29.8001	0.023438	-0.287144	5.14689
0.172012	70.4053	83.5238	17.1327	8.05835	29.8462	0.023125	0.058289	5.20094
0.173012	70.4053	83.9339	17.0185	8.05835	29.1234	0.023438	-0.435178	5.20837
0.174013	69.9958	83.8803	17.0185	8.33151	28.7485	0.023125	-0.237789	5.20888
0.175013	70.4053	83.5238	16.78	7.23885	29.8452	0.022813	-0.237789	5.20719
0.176013	69.7227	83.3888	16.5816	8.19483	30.1751	0.02125	-0.338488	5.20281
0.177013	70.4053	83.5238	16.5816	8.60488	30.8897	0.019888	-0.338488	5.20531
0.178013	70.8784	83.3888	17.2489	8.60488	30.9047	0.019888	-0.287144	5.21082
0.179013	70.4053	82.9785	16.79	9.28769	31.0228	0.020825	-0.237789	5.21344
0.180013	70.8784	82.9785	16.5816	7.8488	31.4223	0.021875	-0.435178	5.21031
0.181013	70.8784	83.5238	17.2489	7.78518	31.1698	0.023125	-0.13911	5.20868
0.182013	70.5419	83.5238	17.0185	8.33151	30.5827	0.02125	-0.435178	5.20887
0.183013	70.1323	84.3442	16.5816	7.51202	29.8897	0.022188	-0.338488	5.20219
0.184013	69.9958	83.7971	17.0185	8.05835	28.7728	0.023125	-0.435178	5.17888
0.185013	70.4053	83.5238	17.0185	8.60488	29.3354	0.022188	-0.237789	5.15719
0.186013	70.4053	83.9339	17.2489	7.78518	30.0446	0.023438	-0.338488	5.15312
0.187013	70.4053	83.9339	17.1327	8.60488	30.5134	0.021583	-0.435178	5.21562
0.188014	70.4053	84.0708	16.6758	7.8488	30.6827	0.019083	-0.435178	5.21062
0.189014	70.4053	83.5238	16.2189	8.19483	30.7131	0.020313	-0.484523	5.21489
0.190014	70.2888	83.7971	16.6758	9.151	30.9008	0.020838	-0.435178	5.20844
0.191014	70.2888	82.9785	16.5816	7.51202	30.7783	0.0225	-0.484523	5.20594
0.192014	70.815	83.5238	16.6758	7.8488	30.8846	0.02125	-0.338488	5.21187
0.193014	70.4053	83.9339	16.79	8.19483	30.5788	0.022188	-0.533867	5.21187
0.194014	70.4053	83.3888	17.1327	7.78518	30.0835	0.020838	-0.435178	5.21094
0.195014	70.4053	83.7971	16.79	8.33151	29.5555	0.022813	-0.04042	5.20869
0.196014	70.4053	83.8803	16.4474	8.48809	29.1927	0.022188	-0.237789	5.21031
0.197014	70.815	83.5238	16.79	8.60488	29.7834	0.020825	-0.287144	5.21625
0.198014	70.5419	83.9339	16.9042	8.05835	30.2077	0.022188	-0.484523	5.20437
0.199014	70.4053	83.8803	16.79	8.87784	30.7457	0.023438	-0.435178	5.17594
0.200014	70.8784	83.5238	16.9042	8.05835	31.0863	0.024688	-0.533867	5.15312
0.201014	70.4053	83.1133	16.9042	9.28759	31.1044	0.021875	-0.237789	5.18844
0.202015	70.9515	83.5238	16.5816	7.78518	31.1044	0.020313	-0.338488	5.22281
0.203015	70.8784	83.5238	17.9322	8.05835	31.1328	0.020838	-0.435178	5.21312
0.204015	70.8784	83.3888	16.2189	7.97544	30.7131	0.021583	-0.435178	5.20675
0.205015	70.2888	83.8803	16.9042	7.51202	30.2568	0.022188	-0.632557	5.20489
0.206015	70.4053	83.5238	17.4753	8.19483	29.88	0.022188	-0.237789	5.21031
0.207015	70.4053	83.8803	17.0185	8.05835	28.9523	0.020838	-0.338488	5.21582

0.208015	70.5419	83.7971	16.6758	7.92177	29.0501	0.026875	-0.484523	5.20969
0.209015	70.4053	83.5236	17.1327	7.78518	29.6819	0.021875	-0.287144	5.20781
0.210015	70.6784	83.25	16.6758	7.23885	30.0609	0.02375	-0.188454	5.20656
0.211015	70.5419	83.3888	16.6758	8.19493	30.1099	0.020938	-0.13911	5.21158
0.212015	70.2688	83.25	17.0185	8.33151	30.3789	0.022813	-0.13911	5.21219
0.213015	70.4053	83.25	15.9905	7.51202	30.5093	0.023125	-0.435178	5.19656
0.214015	70.2688	82.8398	16.5616	7.23885	30.3503	0.023438	-0.435178	5.16937
0.215015	70.5419	83.5236	17.7038	7.51202	30.0976	0.023125	-0.336488	5.15219
0.216018	70.9515	83.3888	16.5616	7.6486	29.955	0.021563	-0.336488	5.18594
0.217018	70.4053	83.25	16.1047	7.78518	29.5229	0.022813	-0.089765	5.22094
0.218018	70.4053	83.5236	16.3332	7.92177	28.8504	0.022188	-0.237799	5.20969
0.219018	70.6784	83.3888	16.4474	7.51202	29.5514	0.023125	-0.237799	5.20781
0.220018	70.9515	83.25	17.0185	8.33151	30.2199	0.022188	-0.336488	5.21094
0.221018	70.4053	83.5236	16.5616	7.92177	30.5175	0.022188	-0.237799	5.21375
0.222018	70.815	83.25	17.0185	7.51202	30.8802	0.021563	-0.287144	5.21438
0.223018	70.6784	83.25	16.6758	8.33151	31.137	0.02125	-0.435178	5.20969
0.224018	70.6784	83.5236	17.0185	7.78518	31.1044	0.02125	-0.237799	5.20969
0.225018	70.4053	83.5236	16.79	8.19493	31.0147	0.020625	-0.336488	5.21531
0.226018	70.6784	83.3888	16.3332	7.51202	30.7579	0.019063	-0.533867	5.21408
0.227018	70.4053	82.703	16.5616	7.6486	30.5175	0.02375	-0.237799	5.20969
0.228018	70.6784	83.8339	16.79	7.78518	29.8979	0.024688	-0.237799	5.18344
0.229018	70.4053	83.3888	16.79	8.05835	29.1642	0.024688	-0.484523	5.16469
0.230017	68.8592	83.3888	16.9042	7.51202	28.508	0.024063	-0.188454	5.15438
0.231017	68.8592	83.3888	16.6758	8.33151	28.8096	0.020938	-0.435178	5.19969
0.232017	70.4053	83.25	16.6758	8.46809	29.1883	0.021875	-0.435178	5.21719
0.233017	70.4053	83.5236	16.79	7.37544	29.5066	0.02125	-0.237799	5.20719
0.234017	70.2688	83.3888	17.2469	8.87784	29.8184	0.020938	-0.435178	5.21156
0.235017	70.815	83.5236	17.0185	7.51202	29.8449	0.020313	-0.435178	5.21187
0.236017	70.4053	83.5236	17.2469	7.37544	29.8857	0.021563	-0.287144	5.21344
0.237017	70.6784	83.3888	16.6758	7.78518	29.7797	0.02125	-0.435178	5.20969
0.238017	70.5419	83.3888	15.8783	7.37544	29.5066	0.022813	-0.237799	5.20844
0.239017	70.5419	83.3888	17.0185	7.10227	29.2783	0.022188	-0.04042	5.21219
0.240017	70.4053	83.7971	16.9042	8.33151	28.9828	0.0225	-0.632557	5.21344
0.241017	70.5419	83.6603	16.3332	7.92177	28.9523	0.022188	-0.237799	5.21187
0.242017	70.2688	82.9765	16.79	8.19493	29.8853	0.020625	-0.237799	5.20375
0.243017	70.4053	83.3888	16.9042	8.60468	30.4278	0.023438	-0.287144	5.18469
0.244018	70.5419	83.3888	17.1327	7.23885	30.4359	0.019888	-0.435178	5.1675
0.245018	70.815	82.9765	16.5616	8.33151	30.8598	0.022188	-0.237799	5.15582
0.246018	70.6784	83.5236	16.3332	8.19493	31.3449	0.022188	-0.336488	5.20719
0.247018	70.6784	83.5236	17.4753	7.10227	31.1615	0.023438	-0.188454	5.21062
0.248018	71.2248	83.3888	16.2189	7.37544	30.546	0.020313	-0.828936	5.20563
0.249018	70.5419	83.5236	17.0185	8.33151	30.874	0.020313	-0.336488	5.21094
0.250018	70.9515	83.3888	16.1047	7.6486	30.3826	0.021875	-0.089765	5.20937
0.251018	70.6784	83.3888	16.3332	7.51202	29.6859	0.022188	-0.435178	5.20844
0.252018	70.4053	83.3888	17.1327	8.60468	29.3354	0.025313	-0.237799	5.20563
0.253018	70.5419	83.5236	17.1327	7.92177	29.0745	0.021563	-0.336488	5.20844
0.254018	70.6784	83.25	17.1327	8.33151	28.7485	0.022188	-0.237799	5.21219
0.255018	70.4053	83.7971	16.5616	7.6486	29.1234	0.021875	-0.04042	5.20969
0.256018	70.5419	83.5236	16.9042	7.23885	30.0609	0.021563	0.058269	5.20781
0.257019	70.6784	83.6603	16.9042	8.46809	29.8941	0.0225	-0.435178	5.19969
0.258019	70.4053	83.7971	16.9042	7.6486	29.6696	0.021563	-0.435178	5.17719
0.259019	70.6784	83.3888	16.6758	7.23885	30.118	0.022188	-0.632557	5.15969

0.260019	70.4053	83.5236	16.3332	8.05835	29.4088	0.02375	-0.188454	5.15687
0.261019	71.088	83.3868	17.0185	7.51202	29.0501	0.020938	0.058269	5.21344
0.262019	70.6784	83.25	17.2469	8.33151	29.2498	0.021875	-0.188454	5.20469
0.263019	70.6784	82.703	16.9042	8.60468	28.8588	0.024375	-0.237799	5.21156
0.264019	70.4053	83.3868	16.79	7.78518	29.205	0.020938	-0.336488	5.20844
0.265019	70.2688	82.9765	16.79	8.60468	30.2892	0.024688	-0.435178	5.20469
0.266019	70.4053	83.25	17.2469	8.33151	30.599	0.023125	-0.435178	5.20437
0.267019	70.1323	83.5236	17.0185	9.42417	30.7783	0.022188	-0.435178	5.20656
0.268019	70.9515	83.5236	16.9042	8.05835	31.818	0.020938	-0.336488	5.20875
0.269019	70.5419	83.5236	16.8758	7.10227	31.5242	0.020938	-0.336488	5.20875
0.270019	71.2248	83.25	16.5816	8.41938	31.5772	0.017813	-0.829938	5.20856
0.27102	70.815	83.25	17.2469	8.46809	31.8218	0.023125	-0.237799	5.20281
0.27202	70.4053	83.5236	17.0185	7.92177	31.1452	0.021875	0.158959	5.19969
0.27302	70.4053	83.25	16.3332	7.51202	31.0382	0.021583	-0.336488	5.17719
0.27402	70.4053	83.3868	17.2469	8.33151	29.8289	0.025938	-0.484523	5.15562
0.27502	70.6784	83.5236	16.79	7.51202	29.2131	0.022813	-0.237799	5.16313
0.27602	70.6784	83.5236	16.79	7.78518	29.9183	0.024083	-0.435178	5.21375
0.27702	70.815	83.5236	17.0185	7.37544	29.8818	0.020313	-0.435178	5.20469
0.27802	70.4053	83.3868	17.4753	8.05835	30.2362	0.02125	-0.435178	5.21094
0.27902	70.6784	83.25	16.9042	7.78518	30.5134	0.021563	-0.04042	5.20969
0.28002	70.815	83.5236	17.2469	7.51202	30.4115	0.022813	-0.435178	5.20594
0.28102	70.4053	84.0706	16.3332	8.41938	30.1914	0.019063	-0.731246	5.20844
0.28202	70.6784	83.5236	17.0185	8.05835	30.0448	0.02125	-0.04042	5.20969
0.28302	70.6784	83.5236	17.0185	8.05835	29.7756	0.02375	0.158959	5.20937
0.28402	70.6784	83.5236	17.1327	7.78518	29.2131	0.022188	-0.13911	5.20687
0.285021	70.815	83.25	16.9042	7.51202	28.8993	0.024375	-0.336488	5.20469
0.286021	70.9515	83.5236	17.0185	7.78518	28.8137	0.020938	-0.237799	5.20781
0.287021	70.815	83.5236	17.2469	8.87784	29.5351	0.022188	-0.237799	5.19469
0.288021	70.815	84.2074	16.5816	7.92177	30.1588	0.021875	-0.632557	5.17084
0.289021	70.6784	83.7971	17.3811	8.05835	30.6287	0.023438	-0.336488	5.15094
0.290021	70.6784	83.9339	17.0185	8.46809	30.8232	0.021875	-0.632557	5.17084
0.291021	70.6784	83.5236	16.2189	7.78518	31.2512	0.018125	-0.484523	5.21908
0.292021	70.9515	83.3868	15.7821	8.41938	31.1856	0.01875	-0.681901	5.20437
0.293021	70.6784	83.5236	16.79	7.23885	31.349	0.023125	-0.237799	5.20969
0.294021	70.815	83.5236	17.818	8.33151	31.2226	0.024375	0.158959	5.20313
0.295021	70.815	83.5236	17.2469	8.87784	30.3952	0.024688	-0.435178	5.20344
0.296021	70.9515	83.7971	17.2469	8.60468	29.1398	0.025313	-0.237799	5.20969
0.297021	71.2248	83.3868	17.0185	8.05835	28.9808	0.022188	-0.336488	5.21156
0.298021	70.9515	83.3868	16.79	7.92177	29.4699	0.020313	-0.484523	5.20937
0.299022	70.6784	83.5236	17.0185	7.51202	29.8245	0.02125	-0.287144	5.20656
0.300022	70.5419	83.9339	17.2469	8.05835	29.9794	0.019688	-0.681901	5.20656
0.301022	70.2688	83.5236	17.0185	8.60468	30.0283	0.020313	-0.435178	5.20719
0.302022	70.6784	83.5236	16.9042	8.05835	30.2118	0.023125	-0.435178	5.19094
0.303022	70.6784	83.3868	16.5816	8.98589	29.955	0.019688	-0.829938	5.18719
0.304022	70.815	83.9339	16.8758	7.78518	29.8001	0.022813	-0.237799	5.14719
0.305022	70.815	83.5236	17.2469	8.33151	29.58	0.022813	-0.336488	5.18408
0.306022	70.6784	83.5236	17.3811	8.60468	29.0623	0.022188	-0.287144	5.22094
0.307022	70.4053	83.5236	17.818	8.60468	28.6506	0.024375	-0.287144	5.20719
0.308022	70.9515	83.6603	17.3811	8.33151	28.1044	0.022188	-0.336488	5.20887
0.309022	70.1323	83.5236	17.1327	9.01442	27.8721	0.020625	-0.435178	5.20825
0.310022	70.4053	83.25	17.4753	8.05835	29.1398	0.020313	-0.188454	5.21219
0.311022	70.815	83.7971	17.2469	8.46809	29.4903	0.020938	-0.237799	5.21187

0.312022	70.6784	83.7971	17.2469	8.33151	29.9142	0.024063	-0.13911	5.20969
0.313023	70.6784	83.5236	17.1327	7.51202	30.4359	0.02375	-0.435178	5.20408
0.314023	70.815	83.5236	17.7038	7.78518	30.4522	0.023438	-0.583212	5.20969
0.315023	70.6784	83.6603	16.3332	8.60468	30.6438	0.021563	-0.287144	5.21158
0.316023	70.9515	82.8398	16.9042	8.33151	30.6842	0.019688	-0.04042	5.21082
0.317023	70.9515	83.3668	17.0185	8.60468	30.4115	0.020938	-0.632557	5.19094
0.318023	70.4053	83.3668	17.0185	8.60468	29.5922	0.025825	-0.336488	5.18489
0.319023	70.6784	83.5236	16.79	8.05835	28.3571	0.021563	-0.336488	5.14844
0.320023	70.815	83.25	17.2469	8.33151	29.0949	0.021563	-0.435178	5.19312
0.321023	70.6784	83.25	16.79	7.8486	29.6044	0.018375	-0.632557	5.21844
0.322023	70.6784	83.25	16.3332	8.05835	29.8164	0.020825	-0.287144	5.20719
0.323023	70.9515	83.3668	16.6758	9.42417	30.1751	0.020825	-0.435178	5.20719
0.324023	70.9515	83.5236	17.0185	8.05835	30.2444	0.021563	-0.435178	5.21219
0.325023	70.815	83.5236	17.2469	7.51202	30.2158	0.019688	-0.632557	5.21219
0.326023	70.6784	83.25	16.6758	7.51202	30.2588	0.02125	-0.435178	5.21158
0.327024	70.9515	83.25	17.9322	8.60468	30.1751	0.023438	-0.04042	5.20937
0.328024	71.088	83.5236	17.2469	8.19493	29.7878	0.020313	-0.435178	5.21281
0.329024	70.815	83.5236	17.4753	8.33151	29.4903	0.02375	-0.435178	5.21489
0.330024	70.815	83.5236	16.9042	7.78518	29.1275	0.0225	-0.237799	5.21582
0.331024	70.6784	82.8398	17.2469	8.05835	28.6914	0.023438	-0.188454	5.21094
0.332024	71.088	83.5236	16.9042	8.05835	29.0827	0.021875	-0.435178	5.19094
0.333024	70.6784	83.9339	16.5616	7.78518	28.6286	0.020938	-0.237799	5.18989
0.334024	70.815	83.5236	16.79	8.05835	30.1914	0.021563	-0.435178	5.15719
0.335024	70.2688	83.5236	17.0185	7.37544	30.9088	0.021563	-0.336488	5.20158
0.336024	70.815	83.5236	17.9322	7.8486	31.0088	0.021563	-0.13911	5.21969
0.337024	70.815	83.6603	16.5616	7.51202	30.7416	0.019083	-0.435178	5.20719
0.338024	70.6784	83.1133	16.79	8.33151	30.8985	0.020938	0.058269	5.21158
0.339024	71.088	83.5236	17.0185	8.05835	31.2022	0.021875	-0.237799	5.21158
0.340024	70.9515	83.6603	16.79	8.05835	30.3829	0.020825	-0.385833	5.21344
0.341025	70.6784	83.1133	16.6758	8.05835	28.887	0.02375	-0.287144	5.20969
0.342025	70.6784	84.0706	16.9042	8.05835	28.9686	0.018438	-0.484523	5.21219
0.343025	70.9515	83.5236	17.0185	8.46809	29.8979	0.020938	-0.435178	5.21344
0.344025	70.6784	83.5236	16.6758	7.37544	29.9387	0.02125	-0.04042	5.21281
0.345025	70.2688	83.9339	17.0185	9.58075	30.4522	0.02125	-0.336488	5.21219
0.346025	70.6784	83.6603	17.0185	8.60468	30.8517	0.022188	-0.336488	5.20719
0.347025	70.815	83.5236	17.0185	8.19493	30.9373	0.023438	-0.336488	5.18969
0.348025	70.815	83.6603	16.1047	7.51202	30.9332	0.022813	-0.336488	5.18531
0.349025	70.6784	83.25	16.79	8.60468	30.7294	0.021563	0.058269	5.14844
0.350025	70.815	84.0706	17.0185	8.60468	30.5949	0.024063	-0.237799	5.19438
0.351025	70.2688	83.5236	16.5616	8.33151	30.3219	0.025313	-0.287144	5.20813
0.352025	70.6784	83.25	16.9042	8.60468	29.9142	0.022188	-0.287144	5.20408
0.353025	70.9515	83.3668	16.5616	7.92177	29.3232	0.022188	-0.287144	5.20719
0.354025	70.815	83.3668	16.3332	7.37544	29.4088	0.020938	-0.13911	5.20469
0.355025	70.815	84.0706	17.0185	8.60468	30.0283	0.022813	-0.089765	5.20408
0.356025	70.815	83.3668	17.7038	8.46809	30.4845	0.020938	-0.287144	5.20344
0.357025	70.815	83.5236	16.9042	7.37544	30.9495	0.020938	-0.13911	5.20469
0.358025	70.9515	83.5236	17.9322	7.51202	31.0229	0.021875	-0.336488	5.21094
0.359025	70.815	83.25	16.5616	7.51202	31.0088	0.022813	-0.336488	5.19969
0.360025	71.088	83.5236	16.5616	8.05835	31.08	0.0225	-0.188454	5.20219
0.361025	71.088	83.5236	16.6758	7.23685	30.9168	0.022188	-0.13911	5.19969
0.362025	71.4977	83.5236	17.2469	8.33151	30.3789	0.025313	-0.435178	5.18094
0.363025	70.6784	83.3668	16.79	7.6486	29.8164	0.022813	-0.237799	5.18094

0.364026	70.9515	83.5236	16.8758	7.51202	29.0052	0.021563	-0.336488	5.14583
0.365026	70.6419	83.3888	16.79	7.92177	28.7851	0.021563	-0.435178	5.19344
0.366026	71.088	83.7071	16.79	7.92177	29.1842	0.021875	-0.435178	5.20406
0.367026	71.088	83.5236	17.4763	8.01442	29.6044	0.021563	-0.484523	5.20281
0.368026	70.6784	83.5236	17.2489	7.51202	29.9284	0.022813	-0.533867	5.20219
0.369027	70.9515	83.25	17.818	8.05835	30.012	0.021875	-0.287144	5.19969
0.370027	71.4977	83.5236	16.5616	7.10227	30.0448	0.022188	-0.533867	5.19906
0.371027	70.9515	83.25	16.5616	7.6486	30.1547	0.021563	0.354337	5.20313
0.372027	70.9515	83.5236	16.79	7.78518	30.0283	0.023125	-0.188454	5.20489
0.373027	70.9515	83.3888	17.2489	8.05835	29.7349	0.023438	-0.237799	5.20469
0.374027	70.6784	83.25	16.79	7.92177	29.5229	0.022188	-0.237799	5.20187
0.375027	70.9515	83.5236	16.79	7.37544	29.0175	0.019888	-0.237799	5.19969
0.376027	70.615	83.3888	16.79	8.05835	28.7729	0.021563	-0.237799	5.20469
0.377027	70.9515	83.3888	17.0185	8.19493	29.5188	0.022188	-0.13911	5.18469
0.378027	70.4053	84.0706	16.9042	9.151	30.0813	0.025313	-0.435178	5.18166
0.379027	70.9515	83.5236	16.2189	7.78518	30.3888	0.022188	-0.04042	5.14344
0.380027	71.3811	83.5236	17.0185	8.19493	30.8438	0.0225	-0.13911	5.18719
0.381027	70.815	83.25	16.79	7.92177	30.8435	0.020625	-0.13911	5.20666
0.382028	70.815	83.5236	17.1327	8.33151	30.8762	0.023125	0.058269	5.20781
0.383028	70.9515	83.6803	16.79	7.92177	30.6842	0.021875	-0.237799	5.20375
0.384028	70.9515	83.25	16.4474	7.6486	30.4441	0.019888	-0.237799	5.20219
0.385028	71.4977	83.6803	17.3811	8.60468	30.0487	0.023438	-0.237799	5.20858
0.386028	71.4977	83.3888	16.9042	8.33151	29.4169	0.021875	-0.336488	5.20858
0.387028	70.4053	83.3888	16.5616	7.6486	28.8014	0.020938	-0.336488	5.20719
0.388028	70.9515	83.25	17.2489	7.51202	29.188	0.021563	-0.583212	5.20489
0.389028	70.6784	83.9339	16.9042	9.56075	28.5854	0.022813	-0.484523	5.20489
0.390028	70.9515	83.5236	17.0185	7.23885	29.0419	0.01875	-0.435178	5.20844
0.391028	70.9515	83.25	17.1327	7.78518	29.3069	0.020938	-0.287144	5.20969
0.392028	71.088	82.9785	17.2489	7.51202	29.4008	0.021563	-0.336488	5.18219
0.393028	70.815	83.25	16.3332	8.19493	29.637	0.022188	-0.04042	5.15969
0.394028	70.9515	83.5236	16.79	8.46809	29.6886	0.0225	-0.435178	5.14969
0.395028	70.6784	83.3888	17.0185	7.92177	29.4068	0.024888	-0.336488	5.20531
0.396029	70.9515	83.3888	17.1327	7.92177	29.2783	0.023125	-0.336488	5.21219
0.397029	71.3811	83.3888	16.9042	8.19493	28.9849	0.024083	-0.336488	5.20844
0.398029	70.9515	83.3888	16.3332	7.10227	28.5283	0.020938	-0.188454	5.20584
0.399029	70.815	83.5236	16.79	8.05835	28.9871	0.020938	-0.484523	5.20719
0.400029	70.9515	83.5236	17.3811	8.19493	29.7186	0.022188	-0.435178	5.21312
0.401029	71.088	83.3888	16.3332	7.78518	30.1588	0.021563	-0.287144	5.21344
0.402029	70.6784	83.5236	17.7038	7.23885	30.5083	0.020313	-0.435178	5.21375
0.403029	71.3811	83.6803	16.79	7.51202	30.8558	0.019888	-0.336488	5.21094
0.404029	70.9515	83.5236	16.79	7.92177	30.9332	0.020313	-0.287144	5.21584
0.405029	71.2248	83.25	16.79	7.78518	30.9454	0.022188	-0.13911	5.21408
0.406029	70.6784	83.6803	16.4474	8.33151	30.9291	0.024375	-0.435178	5.20781
0.407029	70.9515	83.6803	17.0185	7.92177	30.5884	0.024083	-0.237799	5.18187
0.408029	70.9515	83.25	16.8758	7.6486	30.1425	0.020313	-0.287144	5.16406
0.409029	71.2248	83.5236	16.8758	8.19493	29.8853	0.022188	-0.287144	5.15969
0.41003	70.9515	83.5236	17.1327	8.05835	29.0827	0.020625	-0.533867	5.21844
0.41103	70.9515	83.5236	16.79	7.51202	28.5202	0.019083	-0.435178	5.21489
0.41203	70.1323	83.3888	16.79	8.46809	29.0745	0.019888	-0.237799	5.21489
0.41303	71.088	83.5236	17.7038	7.92177	29.4903	0.022188	-0.336488	5.21906
0.41403	71.3811	83.7871	16.9042	7.37544	29.8164	0.02125	-0.484523	5.21682
0.41503	70.9515	82.8388	16.79	8.33151	29.8368	0.02125	0.058269	5.21584

0.41803	71.3611	83.5236	17.3611	8.05835	30.0609	0.023125	-0.237799	5.21312
0.41703	70.4063	83.5236	16.4474	7.37544	30.118	0.023125	-0.435178	5.21156
0.41803	70.9515	83.6603	17.0185	8.05835	29.1927	0.022188	-0.13911	5.21844
0.41903	70.9515	83.6603	17.0185	8.05835	29.1561	0.019688	-0.13911	5.21719
0.42003	70.9515	83.5236	17.2469	7.6486	29.3232	0.022188	-0.336488	5.21594
0.42103	70.6784	83.9339	17.0185	7.78518	28.6832	0.020938	-0.13911	5.20563
0.42203	70.815	83.5236	16.79	9.42417	29.3109	0.021875	-0.237799	5.18062
0.42303	70.9515	83.25	17.0185	7.78518	30.599	0.023438	-0.287144	5.16062
0.42403	70.6784	83.7971	17.2469	7.78518	30.4237	0.025825	-0.484523	5.15869
0.42503	70.9515	82.9765	16.79	7.51202	30.6782	0.02125	-0.287144	5.21812
0.42603	70.9515	83.5236	17.1327	7.51202	31.8503	0.022188	-0.237799	5.20219
0.42703	70.815	84.0706	17.2469	7.78518	31.5809	0.022188	-0.237799	5.20844
0.42803	70.9515	83.5236	17.1327	7.6486	31.5809	0.023438	-0.287144	5.20781
0.42903	70.9515	83.5236	16.2189	8.05835	31.5079	0.025825	-0.435178	5.20531
0.43003	70.9515	83.1133	16.9042	8.05835	30.7418	0.0225	-0.583212	5.20875
0.43103	70.9515	83.3868	16.3332	8.05835	30.7376	0.02125	-0.13911	5.20594
0.43203	71.068	83.6603	16.9042	8.05835	29.258	0.023438	-0.435178	5.20719
0.43303	70.9515	83.9339	17.1327	8.87784	28.8137	0.021563	-0.237799	5.20719
0.43403	70.815	82.8398	16.5816	7.23885	29.7593	0.021875	-0.336488	5.20694
0.43503	70.2688	83.5236	17.3611	8.33151	29.9183	0.022813	-0.336488	5.20344
0.43603	70.9515	83.5236	16.79	7.51202	29.8775	0.021563	-0.188454	5.19344
0.43703	70.1323	83.3868	16.3332	7.37544	30.2403	0.020938	-0.287144	5.17219
0.43803	70.9515	83.7971	17.4753	8.60468	30.2158	0.0225	-0.435178	5.15219
0.43903	71.068	83.25	17.3611	7.78518	30.1751	0.024688	-0.435178	5.15869
0.44003	71.2246	83.25	16.79	7.82177	29.8406	0.022188	-0.237799	5.21219
0.44103	70.4063	83.25	17.4753	8.19493	29.2806	0.022813	-0.237799	5.19656
0.44203	70.6784	83.1133	16.79	8.33151	29.0808	0.020938	-0.435178	5.20219
0.44303	70.9515	83.7971	16.3332	8.33151	28.4224	0.020938	-0.435178	5.20281
0.44403	71.7708	83.3868	17.1327	8.33151	28.5385	0.021875	-0.237799	5.20084
0.44503	70.9515	83.6603	17.3611	8.33151	29.4006	0.022813	-0.237799	5.19594
0.44603	70.9515	83.7971	17.7038	8.60468	29.8205	0.024688	-0.435178	5.19562
0.44703	70.6784	83.7971	16.79	7.6486	30.334	0.020625	-0.435178	5.19719
0.44803	71.4977	83.7971	16.6756	8.33151	30.6316	0.0225	-0.435178	5.19812
0.44903	70.815	83.5236	16.79	8.05835	30.7702	0.020938	0.058269	5.19908
0.45003	70.9515	83.5236	16.9042	8.46809	30.9047	0.020938	-0.336488	5.19408
0.45103	71.4977	83.25	17.2469	8.33151	31.0066	0.025813	-0.435178	5.18408
0.45203	70.9515	83.3868	17.2469	7.92177	30.7539	0.023125	-0.287144	5.18406
0.45303	70.815	83.25	17.2469	8.151	30.3544	0.023438	-0.336488	5.14344
0.45403	70.815	83.5236	17.0185	8.46809	28.5936	0.02375	-0.484523	5.15906
0.45503	70.9515	82.9765	17.0185	8.19493	28.6262	0.020625	-0.435178	5.20594
0.45603	70.9515	83.7971	17.2469	8.87784	29.2906	0.020938	-0.287144	5.18625
0.45703	70.4063	83.3868	17.2469	7.51202	29.2783	0.020625	-0.237799	5.20125
0.45803	70.815	83.5236	17.2469	8.05835	29.8816	0.019375	-0.435178	5.19531
0.45903	70.815	83.5236	17.4753	8.33151	29.9061	0.021563	-0.13911	5.19469
0.46003	70.9515	83.3868	17.4753	8.19493	29.7756	0.023438	-0.13911	5.19812
0.46103	71.3611	83.5236	17.0185	8.05835	30.012	0.023438	-0.435178	5.19969
0.46203	70.815	83.5236	16.9042	8.05835	29.6207	0.024688	-0.188454	5.20344
0.46303	70.9515	83.5236	17.2469	8.33151	29.3925	0.022813	-0.533867	5.20344
0.46403	70.9515	83.7971	17.4753	8.05835	29.2131	0.021875	-0.237799	5.19969
0.46503	70.9515	83.25	16.79	7.78518	28.5406	0.020938	-0.13911	5.19908
0.46603	70.815	83.1133	17.0185	8.60468	28.2226	0.019375	-0.287144	5.18656
0.46703	71.2246	83.25	16.79	8.05835	27.9332	0.022813	-0.287144	5.185

0.468034	70.4053	83.3888	17.0185	7.92177	28.7588	0.021875	-0.089785	5.14812
0.468034	70.9515	83.5238	17.4753	8.98589	29.8896	0.020838	-0.829936	5.18858
0.470034	70.9515	83.5238	16.5618	8.19493	29.848	0.021875	-0.435178	5.21219
0.471034	70.9515	83.5238	18.0484	8.33151	30.3218	0.023125	0.158959	5.20219
0.472034	71.3611	83.5238	17.2489	8.33151	30.7783	0.023125	-0.287144	5.20584
0.473034	70.9515	83.5238	17.1327	8.33151	30.6501	0.025825	-0.089785	5.20158
0.474034	70.9515	83.5238	17.0185	8.05835	30.6357	0.022188	-0.435178	5.20437
0.475034	71.4977	83.5238	17.1327	7.92177	30.8558	0.019888	-0.338488	5.20813
0.476034	71.088	83.5238	16.9042	7.78518	29.8819	0.021583	-0.338488	5.20989
0.477034	71.3611	83.1133	17.2489	9.28759	28.4305	0.020625	-0.484523	5.20844
0.478034	70.9515	83.3888	17.0185	7.37544	29.2702	0.020625	-0.484523	5.20594
0.479034	71.2248	83.7971	16.3332	8.33151	29.6147	0.021583	-0.089785	5.21082
0.480035	70.9515	82.703	17.0185	7.51202	29.7349	0.020313	-0.533867	5.21031
0.481035	70.9515	83.5238	16.2189	8.98589	30.2403	0.021583	-0.435178	5.19531
0.482035	70.815	83.25	17.1327	8.05835	30.2403	0.024083	0.008924	5.18908
0.483035	70.9515	83.3888	16.5618	8.48809	30.1017	0.021875	-0.237799	5.14989
0.484035	70.9515	83.5238	17.0185	8.05835	30.3218	0.023438	-0.13811	5.17888
0.485035	70.815	83.6603	17.2489	8.05835	30.0408	0.021583	-0.188454	5.22408
0.486035	70.815	83.7971	16.79	8.19493	29.633	0.019083	0.850408	5.20781
0.487035	70.9515	83.3888	17.3611	7.8488	29.4821	0.02125	1.49882	5.21082
0.488035	70.9515	83.7971	16.8758	7.92177	29.0849	0.022188	2.32813	5.20989
0.489035	70.6784	83.5238	17.0185	7.78518	28.3853	0.021875	3.11764	5.21084
0.490035	70.9515	83.5238	17.1327	8.05835	28.7974	0.023125	3.61109	5.21281
0.491035	70.815	83.5238	16.4474	8.98589	29.6615	0.017188	3.41371	5.20989
0.492035	70.9515	83.3888	17.2489	8.05835	29.7104	0.021583	4.30181	5.21156
0.493035	70.9515	83.5238	16.9042	7.37544	30.387	0.022188	4.99274	5.21344
0.494036	71.088	83.25	16.5618	7.78518	30.8517	0.020313	4.10453	5.21158
0.495036	70.6784	83.5238	16.79	7.8488	30.5823	0.021583	4.10453	5.21031
0.496036	70.4053	83.5238	16.9042	8.19493	30.6728	0.020825	4.20322	5.19594
0.497036	70.9515	83.5238	16.79	8.05835	30.8558	0.0975	3.58174	5.14989
0.498036	70.9515	83.5238	17.2489	8.19493	30.1751	3.32719	3.48305	4.58094
0.499036	71.2248	83.25	17.0185	7.92177	28.7974	5.89781	3.48305	4.44908
0.500036	70.9515	83.5238	16.5818	7.78518	28.4631	5.17825	2.82157	4.57858
0.501036	71.088	83.7971	16.79	7.51202	29.3925	5.44889	3.21633	4.55908
0.502036	71.088	83.7971	15.9905	7.23885	29.6452	5.42312	2.82157	4.58344
0.503036	70.9515	83.5238	17.0185	7.51202	30.1282	5.48281	3.31502	4.59582
0.504036	70.9515	83.5238	17.2489	7.92177	30.4849	6.51889	3.70978	4.80658
0.505036	70.6784	83.5238	16.5618	8.60468	30.5501	5.58084	4.00585	4.81989
0.506036	71.2248	83.7971	16.9042	8.60468	30.4846	5.59188	4.25257	4.62781
0.507037	70.9515	83.6238	17.0185	8.19493	30.5175	5.81584	4.25257	4.63858
0.508037	70.9515	83.5238	17.0185	8.48809	30.4359	5.84313	4.59798	4.64344
0.509037	70.815	83.5238	17.0185	8.19493	30.1855	5.88844	4.59798	4.85375
0.510037	70.9515	83.5238	17.2489	8.19493	29.8571	5.88062	4.59798	4.85989
0.511037	70.9515	82.8388	17.1327	8.60468	29.2783	5.88937	4.84471	4.85594
0.512037	70.9515	83.5238	17.3611	8.19493	28.9482	5.88719	4.94338	4.84344
0.513037	71.4977	83.9338	16.5618	7.10227	29.6533	5.88858	4.44885	4.83489
0.514037	71.2248	83.9338	16.3332	8.19493	30.2077	5.73889	4.89405	4.85844
0.515037	71.088	83.3888	16.79	9.42417	30.5419	5.80281	4.94338	4.70062
0.516037	70.6784	83.3888	17.1327	9.8705	30.8414	5.80837	4.88667	4.88594
0.517037	71.088	83.5238	16.79	9.68733	31.0718	5.83158	4.58798	4.70719
0.518037	71.088	83.5238	16.3332	10.8534	30.9882	5.84489	4.30181	4.70844
0.519037	70.9515	83.5238	17.0185	10.8288	30.8843	5.85889	4.10453	4.71438

0.520037	71.3611	83.8803	16.8758	11.0632	30.5908	5.87889	4.20322	4.72219
0.521038	70.9615	83.5236	17.0185	11.8826	30.0609	5.89489	4.10453	4.72781
0.522038	70.815	83.1133	16.5616	11.4729	29.1988	5.91281	4.10453	4.73438
0.523038	70.1323	82.9785	16.4474	11.8095	28.8914	5.92812	4.20322	4.74156
0.524038	70.9515	83.3868	16.79	10.8534	29.0379	5.93875	3.56174	4.74281
0.525038	70.815	83.5236	16.8758	11.7461	29.4536	5.95375	4.25257	4.74687
0.526038	71.3611	83.5236	17.2469	11.8095	29.7104	5.94806	4.54884	4.73719
0.527038	70.815	83.25	17.818	12.8387	30.0283	5.94406	4.25257	4.72658
0.528038	70.9515	83.25	17.4753	11.7461	30.0813	5.93889	4.30191	4.71858
0.529038	71.2246	82.703	18.1606	12.429	30.0243	5.97469	4.4006	4.74531
0.530038	70.4053	83.25	17.9322	11.8095	30.0809	6.02889	4.30191	4.78344
0.531038	71.088	83.8803	17.4753	11.3963	29.8123	6.02889	4.84733	4.77719
0.532038	70.815	83.5236	17.2469	11.1997	29.4882	6.04656	4.58798	4.78469
0.533038	70.9515	83.25	17.7038	12.0192	29.1153	6.05856	4.58798	4.78906
0.534038	71.2246	83.1133	17.1327	10.2437	28.5895	6.06875	4.69667	4.79469
0.535038	71.088	83.3868	17.9322	10.2437	29.1153	6.07889	4.69667	4.80219
0.536038	70.815	83.8803	17.5895	10.79	29.7349	6.08219	4.49829	4.80188
0.537038	70.2688	83.5236	18.6175	11.3963	30.0895	6.10406	5.09143	4.80781
0.538038	70.9515	83.25	17.7038	10.79	30.3483	6.11406	4.69667	4.81281
0.539038	70.4053	82.9785	17.9322	10.8534	30.6642	6.12594	4.84471	4.81812
0.540038	70.9515	83.5236	18.1606	11.1997	30.6805	6.13531	5.09143	4.82344
0.541038	70.6784	83.5236	18.3891	11.8095	30.5012	6.12889	5.19012	4.81219
0.542038	70.815	83.5236	18.5033	11.8095	30.4441	6.11406	5.43884	4.79719
0.543038	70.815	83.5236	18.8458	11.8826	30.0448	6.10656	5.63422	4.78781
0.544038	70.9515	83.5236	18.9602	13.5216	29.4169	6.14887	5.88094	4.81969
0.545038	70.9515	83.25	18.9602	12.7021	28.8789	6.19069	6.07832	4.85469
0.546038	70.815	83.3868	18.8458	13.2485	28.1126	6.19489	6.07832	4.85094
0.547038	70.9515	83.5236	18.2749	14.6143	28.0556	6.20889	6.47308	4.85825
0.548038	70.9515	83.5236	18.9602	15.4338	28.618	6.21531	7.2628	4.85969
0.54904	70.9515	83.5236	19.3028	16.2533	29.0823	6.22719	6.98853	4.86469
0.55004	70.6784	83.5236	18.9602	16.5264	29.2457	6.23989	7.01587	4.87094
0.55104	70.9515	83.5236	19.8739	17.8923	29.2908	6.25312	7.01587	4.87844
0.55204	70.9515	83.5236	19.7587	18.902	29.3517	6.26406	7.60801	4.88594
0.55304	70.815	83.5236	19.5313	18.7118	29.421	6.27344	7.36128	4.88844
0.55404	71.2246	83.7971	19.3028	19.5913	29.1724	6.28219	7.36128	4.89406
0.55504	71.088	83.5236	19.9881	20.0776	28.8483	6.28889	7.2628	4.89687
0.55604	71.088	83.7971	20.1023	20.0776	28.5448	6.28219	7.41083	4.88658
0.55704	70.815	83.7971	21.1303	19.941	28.4794	6.28156	7.36128	4.87344
0.55804	70.9515	83.5236	20.445	20.2142	29.1581	6.25094	7.45997	4.85844
0.55904	70.9515	83.5236	20.9019	21.1702	29.8819	6.30531	8.20014	4.90094
0.56004	71.2246	83.3868	21.2445	20.8239	30.2484	6.34406	7.75604	4.92658
0.56104	70.815	83.3868	21.3587	21.0337	30.5908	6.34125	7.75604	4.92406
0.56204	71.2246	83.25	22.2725	21.58	30.6601	6.35376	8.05211	4.93187
0.563041	70.9515	83.5236	22.7293	21.7166	30.7253	6.36188	8.1508	4.93594
0.564041	70.5419	83.5236	23.1862	22.1263	30.8517	6.36889	8.05211	4.93937
0.565041	70.815	83.8803	23.072	22.8082	30.8435	6.38094	8.10148	4.94719
0.566041	70.815	83.5236	23.6431	22.9458	30.2892	6.38656	8.44687	4.94908
0.567041	70.815	83.3868	23.5289	21.9897	29.637	6.39531	8.20014	4.95344
0.568041	70.6784	83.25	25.0137	22.8082	29.5229	6.40438	8.44687	4.96281
0.569041	70.6784	82.703	24.4428	23.3556	28.581	6.41406	8.24949	4.96469
0.570041	70.9515	83.5236	25.4708	24.3116	28.3653	6.41889	8.79228	4.96531
0.571041	71.2246	83.5236	25.9274	24.9945	29.1724	6.39889	8.89359	4.94969

0.572041	70.6784	82.9765	28.1558	25.814	29.8408	6.36812	8.74294	4.93437
0.573041	71.2248	83.25	28.6128	26.8335	29.4577	6.37158	8.64425	4.92344
0.574041	70.9515	83.3868	27.1838	27.0433	29.5881	6.43844	8.5948	4.97719
0.575041	70.815	82.9785	27.5285	27.453	29.8001	6.46989	8.74294	4.99856
0.576041	70.815	83.5236	28.5545	27.7282	29.5877	6.46594	8.64425	4.99489
0.577042	70.9515	83.7971	29.1255	28.8115	29.1153	6.47844	8.78228	5.00219
0.578042	70.6784	83.7971	29.5824	28.9554	28.9482	6.48937	9.039	5.00889
0.579042	70.6784	83.5236	31.6383	30.4578	28.6889	6.50125	8.74294	5.01844
0.580042	71.2248	83.5236	30.953	31.2773	28.7321	6.50156	8.84163	5.01489
0.581042	70.9515	83.5236	32.4379	31.8236	29.4006	6.51084	8.94032	5.02344
0.582042	70.2688	83.5236	32.5521	32.5088	30.0283	6.52594	9.13768	5.03156
0.583042	70.6784	83.5236	33.8943	33.8724	30.9006	6.53344	9.18704	5.03582
0.584042	70.6784	83.7971	35.0649	34.5553	30.7131	6.53625	8.94032	5.03344
0.585042	71.2248	83.5236	35.5217	35.9211	31.3001	6.53489	9.039	5.03156
0.586042	70.815	83.6803	36.6839	36.0577	31.4223	6.51082	9.039	5.01219
0.587042	70.9515	83.3868	37.8919	37.5801	31.0718	6.48825	9.38442	5.00094
0.588042	70.6784	83.5236	39.0625	40.5849	31.3245	6.48312	9.53245	4.98889
0.589042	71.4977	83.5236	39.9782	39.7454	30.9884	6.54989	9.72983	5.04489
0.590042	70.6784	83.3868	40.5473	41.3844	29.9305	6.57594	9.33507	5.08156
0.591043	71.088	83.5236	42.1484	42.4771	28.8707	6.58938	9.43976	5.06344
0.592043	70.9515	83.5236	42.6917	43.5897	29.2457	6.57719	9.82852	5.05719
0.593043	70.815	84.2074	44.8876	45.2087	29.3825	6.57867	9.83114	5.05858
0.594043	70.815	83.3868	46.144	46.3014	29.9101	6.58489	9.82852	5.08219
0.595043	70.815	83.5236	47.4004	47.1208	29.8612	6.58158	9.87785	5.08489
0.596043	70.2688	83.5236	49.2279	49.033	30.0385	6.58594	9.43976	5.08856
0.597043	70.815	83.5236	51.0554	50.1257	30.1873	6.58837	9.82852	5.08844
0.598043	70.6784	83.25	52.428	52.1744	29.7878	6.59808	9.92721	5.08844
0.599043	70.6784	83.3868	54.7103	54.2231	29.6615	6.60489	10.0259	5.07375
0.600043	70.6784	83.5236	56.1952	55.1792	29.1357	6.59719	10.1248	5.08594
0.601043	70.6784	82.9785	58.0508	58.3208	28.7974	6.57219	10.2233	5.04719
0.602043	70.6419	83.25	60.0788	59.5498	28.5448	6.54875	10.3713	5.02344
0.603043	71.088	83.5236	61.835	61.5986	28.6751	6.53344	10.47	5.01219
0.604043	70.6784	83.5236	64.3046	64.1938	29.4251	6.61082	10.5687	5.07344
0.605044	70.815	82.703	66.0179	65.4229	29.8082	6.61906	10.9141	5.0775
0.606044	70.6784	83.25	67.8454	68.1545	30.3177	6.61937	10.7681	5.07489
0.607044	70.4053	83.3868	70.0155	69.2472	30.8479	6.61844	10.618	5.07489
0.608044	70.6784	83.6803	72.4141	71.1593	30.8395	6.61906	10.9141	5.07489
0.609044	70.6784	82.9785	74.1274	73.891	30.9414	6.62489	11.1608	5.07844
0.610044	70.815	83.25	76.1833	75.8397	30.9332	6.62489	11.2595	5.07781
0.611044	70.9515	83.3868	78.4677	78.125	30.7213	6.62781	11.2102	5.07719
0.612044	70.815	83.5236	81.2088	79.9008	29.849	6.62656	11.4075	5.07989
0.613044	70.6784	83.5236	81.78	80.7201	28.7485	6.62908	11.5082	5.07908
0.614044	70.4053	83.6236	84.1785	83.3151	28.8506	6.63219	11.801	5.07989
0.615044	70.4053	83.5236	86.006	85.9102	29.0827	6.62408	12.049	5.07375
0.616044	70.2688	83.6803	88.2904	88.3687	29.5637	6.58844	11.8023	5.05281
0.617044	70.6784	83.25	89.861	88.915	29.7838	6.57158	11.801	5.03219
0.618044	70.815	83.1133	91.0316	91.8488	28.6696	6.55875	12.1477	5.01869
0.619045	70.6784	83.1133	92.8591	91.9198	28.7675	6.62489	12.3451	5.07375
0.620045	70.815	83.5236	94.2287	94.8514	28.7512	6.62889	12.4931	5.07344
0.621045	70.9515	83.6236	95.8003	96.9733	29.4884	6.62594	12.4438	5.07158
0.622045	89.9958	83.25	97.3138	97.1099	28.0849	6.62594	12.7398	5.08889
0.623045	70.6784	83.25	99.0289	97.8583	28.8483	6.62889	12.8879	5.07437

0.624045	70.6419	83.9339	98.3416	98.068	28.3571	6.62719	12.8385	5.06969
0.625045	70.9515	83.5236	98.2553	99.8416	27.811	6.62969	12.9666	5.06969
0.626045	70.6784	83.3868	100.626	101.071	27.762	6.62469	13.164	5.06856
0.627045	70.4053	83.3868	101.083	101.207	28.7199	6.62437	13.164	5.06856
0.628045	70.8615	83.9339	101.311	102.846	29.2539	6.62531	13.332	5.06594
0.629045	70.8615	83.5236	102.225	103.12	29.8082	6.62406	13.46	5.06344
0.630045	70.6784	83.25	102.796	102.846	30.0202	6.62084	13.3613	5.05969
0.631045	70.6784	83.3868	103.139	104.078	30.5338	6.58969	13.5294	5.03856
0.632045	69.9958	83.25	103.481	105.851	30.4359	6.58584	13.7761	5.01856
0.633045	70.4053	83.5236	104.052	104.759	30.3381	6.54281	13.9241	4.99969
0.634045	70.815	83.5236	104.052	104.349	30.1914	6.59969	14.0228	5.04906
0.635045	70.1323	83.6903	104.281	104.078	29.5637	6.61719	14.1709	5.05856
0.636045	69.9958	83.25	104.738	105.715	28.1696	6.60906	14.763	5.04844
0.637045	70.6784	83.3868	105.185	106.124	28.8469	6.60969	14.4176	5.05094
0.638045	70.815	82.8765	104.968	108.944	29.4332	6.60469	14.763	5.04469
0.639045	70.6784	83.5236	105.851	107.354	29.5311	6.60219	14.763	5.04281
0.640045	70.815	82.8398	105.768	107.217	29.9224	6.59969	14.5858	5.04219
0.641045	70.4053	82.9765	105.423	106.944	30.171	6.59781	14.8604	5.03906
0.642045	70.2688	83.5236	106.337	107.627	29.9967	6.59531	14.9604	5.03719
0.643045	70.1323	83.6903	106.451	108.856	29.8245	6.59344	14.763	5.03281
0.644045	70.2688	83.3868	107.251	108.31	30.1099	6.59094	15.2564	5.03219
0.645045	70.6784	83.5236	107.479	108.583	30.0202	6.58219	15.5032	5.02956
0.646045	70.815	83.25	107.938	109.075	28.8218	6.55469	15.5525	5.00469
0.647045	70.6784	83.5236	108.621	110.788	28.7648	6.53082	15.6512	4.98219
0.648045	70.4053	84.0706	109.535	110.758	28.7688	6.50594	16.1446	4.96594
0.649045	70.4053	82.9765	110.22	111.724	28.3164	6.54844	15.7499	5.00094
0.650045	70.5419	83.5236	111.477	112.817	29.0908	6.57719	16.048	5.01906
0.651045	70.6784	83.9339	111.705	113.227	30.0732	6.58187	16.1448	5.00969
0.652045	70.4053	83.5236	113.19	114.046	30.2692	6.58825	16.0963	5.01187
0.653045	70.5419	83.5236	114.675	116.778	29.9719	6.58469	16.4901	5.01094
0.654045	70.5419	83.5236	115.817	117.324	30.5297	6.58437	16.5394	5.01094
0.655045	70.4053	83.5236	117.188	118.417	30.8698	6.58219	16.5867	5.00531
0.656045	70.1323	83.5236	119.243	120.058	30.2892	6.55781	16.7368	5.00469
0.657045	70.815	83.3868	120.842	120.875	29.9794	6.55666	16.8355	5.00219
0.658045	70.815	83.6903	122.213	121.968	29.1071	6.56219	16.8848	5.00656
0.659045	70.6784	83.5236	124.155	125.246	28.1533	6.55937	17.4276	5.00406
0.660045	70.4053	83.3868	125.64	127.704	28.9849	6.55281	17.3289	4.99844
0.661045	70.6784	83.3868	126.267	129.89	29.6815	6.53219	17.3289	4.98094
0.662045	70.6784	83.5236	130.323	131.802	29.9305	6.50662	17.1315	4.95969
0.663045	70.4053	83.3868	132.264	134.26	30.1099	6.48719	17.5283	4.94562
0.664045	70.9515	83.25	135.12	136.446	30.546	6.51906	17.7237	4.97156
0.665045	70.1323	83.5236	137.404	138.358	30.4522	6.56531	17.7237	5.00688
0.666045	70.4053	83.3868	139.232	140.408	30.2158	6.55031	18.0197	4.99563
0.667045	70.815	83.5236	140.145	143.002	30.2588	6.55658	18.2171	4.22656
0.668045	70.4053	83.3868	138.947	144.641	30.1058	6.55469	18.2665	0.627167
0.669045	70.4053	83.5236	126.668	144.084	29.5514	6.55469	18.2171	0.146563
0.670045	70.6784	84.0706	141.744	138.085	29.205	6.55781	18.5132	0.044888
0.671045	70.4053	83.3868	146.427	138.494	28.8748	6.5575	18.2665	0.004888
0.672045	70.6784	83.5236	152.024	144.504	29.1642	6.56281	18.6119	-0.001875
0.673045	70.2688	83.7971	155.679	152.289	29.7349	6.58406	18.6119	-0.006938
0.674045	70.6784	83.5236	158.877	161.85	30.4522	6.55969	18.9079	-0.006875
0.675045	70.4053	83.3868	163.103	168.133	30.5093	6.55906	18.9573	-0.006875

0.676049	70.6784	83.5236	168.014	172.776	30.856	6.54889	19.1053	-0.008439
0.677049	70.4053	83.5236	174.088	172.967	30.8435	6.52312	19.1053	-0.009375
0.678049	70.2688	83.9339	180.35	178.464	30.5949	6.50344	19.4014	-0.008438
0.679049	70.6784	82.9765	186.975	182.61	30.1262	6.515	19.4014	-0.009888
0.680049	70.4053	83.5236	190.83	189.166	29.8897	6.58094	19.9442	-0.00875
0.681049	71.2246	83.3868	193.599	195.995	29.2131	6.58594	19.9835	-0.00875
0.682049	70.9515	83.3868	197.839	201.732	28.3448	6.57584	19.8948	-0.010938
0.683049	70.4053	83.5236	202.737	203.917	28.561	6.57531	20.1909	-0.010625
0.684049	70.6784	83.5236	207.077	208.102	28.0827	6.57468	20.2898	-0.009063
0.685049	70.9515	83.5236	210.98	210.746	28.3108	6.57969	20.487	-0.009888
0.686049	70.2688	83.25	215.301	215.117	29.5392	6.58156	20.487	-0.010313
0.687049	70.4053	83.5236	218.956	220.58	29.8982	6.58887	20.8844	-0.00875
0.68805	70.6784	83.25	222.154	223.312	29.7349	6.58489	20.8844	-0.009063
0.68905	71.2246	83.5236	225.823	228.863	29.7186	6.58969	20.8817	-0.010625
0.69005	70.6784	83.5236	228.321	228.775	29.5837	6.58719	20.9311	-0.011563
0.69105	70.9515	83.25	231.52	233.148	29.3476	6.58719	21.2271	-0.011563
0.69205	70.6784	84.0706	235.831	235.604	28.9804	6.55719	21.8888	-0.009063
0.69305	70.4053	82.703	238.373	239.155	28.4794	6.53156	21.4246	-0.012188
0.69405	70.2688	83.25	241.571	242.707	28.6506	6.53719	21.8712	-0.010313
0.69505	70.4053	82.703	244.54	245.984	29.1479	6.90869	21.5728	-0.010313
0.69605	70.5419	83.5236	247.187	248.716	29.8207	6.90408	21.7899	-0.010313
0.69705	70.4053	83.25	250.48	248.989	30.0448	6.90344	21.7899	-0.010313
0.69805	70.4053	83.5236	253.448	253.223	30.1588	6.90344	21.7206	-0.010625
0.69905	70.4053	83.5236	256.191	256.838	30.281	6.90531	21.8712	-0.01125
0.70005	70.815	83.5236	258.932	259.918	30.0895	6.91344	21.9873	-0.010313
0.70105	70.2688	83.5236	261.559	261.009	30.1221	6.91489	21.5728	-0.014063
0.702051	70.5419	83.7971	264.643	264.013	29.9224	6.91408	21.9873	-0.010938
0.703051	69.8592	83.3868	267.841	267.584	29.1316	6.91844	22.214	-0.010938
0.704051	70.4053	83.5236	271.039	271.682	28.8707	6.92469	22.066	-0.01125
0.705051	70.4053	83.5236	273.896	275.076	28.3205	6.92908	22.3127	-0.011563
0.706051	70.4053	83.5236	277.321	278.491	27.4726	6.91594	22.1847	-0.011563
0.707051	70.4053	83.3868	281.661	281.486	28.0392	6.96844	22.4114	-0.010938
0.708051	70.5419	83.6803	284.745	284.91	28.5895	6.96908	22.4608	-0.010313
0.709051	70.5419	83.5236	288.4	288.188	28.5836	6.95969	22.5595	-0.010625
0.710051	70.4053	83.5236	291.827	292.288	28.8789	6.93094	22.5595	-0.011563
0.711051	70.1323	83.5236	295.71	295.427	29.2131	6.93594	22.8581	-0.012188
0.712051	70.5419	83.3868	298.66	298.022	28.83	6.93188	22.2834	-0.013125
0.713051	70.6784	83.25	303.248	303.078	28.8014	6.94219	22.8555	-0.010313
0.714051	70.1323	83.5236	307.589	307.173	28.0582	6.94219	23.2503	-0.010313
0.715051	70.4053	83.7971	311.244	310.998	28.455	6.94408	22.8062	-0.010313
0.716052	70.6784	83.7971	314.67	314.549	27.8925	6.94408	22.7568	-0.009888
0.717052	70.4053	84.0706	318.211	318.373	28.455	6.94562	23.0036	-0.010625
0.718052	70.2688	83.7971	321.181	321.651	29.206	6.94219	22.8555	-0.012188
0.719052	70.4053	84.0706	324.721	323.973	29.4984	6.94408	23.0629	-0.011563
0.720052	70.6784	83.6803	327.919	327.661	29.5837	6.94408	23.0529	-0.010313
0.721052	70.4053	83.5236	331.117	331.485	30.5297	6.94408	23.1516	-0.008438
0.722052	70.6784	83.3868	334.858	334.217	30.5175	6.91908	23.0036	-0.012813
0.723052	70.6784	83.3868	337.971	336.948	29.8816	6.98812	22.8062	-0.012188
0.724052	70.2688	82.703	341.169	341.729	30.5582	6.98969	23.3983	-0.010313
0.725052	71.088	83.7971	345.166	345.143	30.4604	6.90869	23.5463	-0.010625
0.726052	70.6784	83.7971	348.593	347.875	29.4169	6.95188	23.4477	-0.011563
0.727052	70.5419	83.6803	352.134	351.699	29.3884	6.94158	23.4477	-0.009888

0.728052	70.4053	83.7971	354.781	354.431	29.2131	6.63989	23.3983	-0.010625
0.729052	70.5419	83.7971	358.53	357.182	27.7702	6.63489	23.349	-0.00875
0.730053	70.4053	83.5238	360.471	360.44	28.3531	6.63489	23.3983	-0.010625
0.731053	70.4053	83.7971	364.012	363.991	29.0949	6.63687	23.5957	-0.009688
0.732053	70.4053	83.3888	367.096	367.543	28.9055	6.63489	23.645	-0.011583
0.733053	70.9515	83.7971	370.18	369.182	28.7851	6.63219	23.497	-0.010938
0.734053	70.8784	83.5238	372.579	370.884	28.4332	6.62489	23.1022	-0.010938
0.735053	70.9515	83.5238	375.091	375.484	29.388	6.62437	23.8918	-0.011583
0.736053	70.1323	83.3888	378.081	378.557	29.0093	6.62531	23.8918	-0.011583
0.737053	70.8784	83.6603	381.145	379.425	29.0012	6.61489	23.9411	-0.010313
0.738053	70.1323	83.25	383.543	382.293	28.2716	6.58489	24.0398	-0.011583
0.739053	70.4053	83.3888	385.485	385.298	28.1656	6.55825	23.9411	-0.010313
0.740053	70.4053	83.5238	389.14	387.757	28.4264	6.56781	24.2865	-0.010313
0.741053	70.4053	83.5238	392.224	391.035	28.9186	6.63858	24.0398	-0.011583
0.742053	70.2688	84.0708	394.851	393.788	29.7308	6.61876	24.1385	-0.012188
0.743053	69.8592	83.5238	398.278	397.591	30.008	6.6225	24.3359	-0.010938
0.744054	70.4053	83.5238	401.818	399.839	30.4849	6.61489	24.4346	-0.009688
0.745054	70.4053	83.3888	403.417	400.869	30.599	6.61156	23.8424	-0.014063
0.746054	70.8784	83.25	407.415	405.512	30.7253	6.62084	24.2865	-0.01125
0.747054	70.4053	83.5238	410.842	409.084	30.9495	6.61989	25.0287	-0.008438
0.748054	69.9968	83.3888	414.268	412.751	30.6764	6.61812	24.3359	-0.008438
0.749054	70.4053	83.3888	417.695	416.029	30.4971	6.61488	24.6319	-0.010313
0.750054	70.8784	83.5238	420.779	418.897	29.7715	6.61312	24.5826	-0.011583
0.751054	70.4053	83.7971	423.862	421.902	28.0881	6.61719	24.79	-0.010313
0.752054	70.4053	84.0708	426.804	424.907	28.6343	6.60844	24.8293	-0.010938
0.753054	70.8784	83.5238	429.573	427.775	28.8544	6.57408	24.8293	-0.011583
0.754054	70.4053	83.5238	432.086	431.483	29.0256	6.54562	24.7308	-0.012813
0.755054	70.4053	83.5238	434.258	433.375	29.6187	6.54344	24.8293	-0.010825
0.756054	70.9515	83.8903	436.997	435.287	29.4882	6.61989	24.6773	-0.008125
0.757055	70.4053	83.7971	439.188	438.565	29.1988	6.61312	24.8293	-0.012813
0.758055	70.815	83.3888	441.69	440.751	29.3273	6.61188	25.3721	-0.011583
0.759055	70.4053	84.0708	443.508	443.209	29.2848	6.60844	25.1254	-0.011583
0.760055	70.8784	83.5238	445.584	444.848	28.5773	6.60838	25.2241	-0.011583
0.761055	70.8784	83.25	446.592	446.76	28.3245	6.61437	25.1254	-0.010313
0.762055	70.4053	83.7971	448.99	447.853	28.0382	6.61562	25.4708	-0.009083
0.763055	70.8784	83.9339	450.818	450.585	27.4482	6.60838	25.3721	-0.010313
0.764055	70.2688	83.7971	452.759	452.224	26.3979	6.60969	25.3228	-0.010313
0.765055	71.2248	83.5238	454.473	455.228	29.1805	6.61408	25.2734	-0.010313
0.766055	70.4053	84.0708	455.843	455.385	29.1764	6.61719	26.6189	-0.010313
0.767055	70.4053	83.9339	457.214	458.321	29.6898	6.60969	25.1254	-0.010313
0.768055	70.815	83.5238	458.47	458.233	30.2568	6.57969	25.5685	-0.011583
0.769055	70.8784	83.8903	460.089	460.892	30.0528	6.55908	26.8682	-0.010938
0.770055	69.9968	83.5238	461.212	461.921	30.0609	6.54156	25.4214	-0.012188
0.771056	70.4053	84.0708	463.039	463.58	30.2077	6.59844	25.8182	-0.010313
0.772056	70.5419	83.5238	464.524	464.789	29.7675	6.62156	25.4708	-0.011583
0.773056	70.4053	82.9765	466.351	466.565	28.8914	6.61219	25.7175	-0.010938
0.774056	70.4053	83.5238	467.722	466.974	27.768	6.61719	25.5201	-0.011583
0.775056	70.5419	83.5238	468.978	468.613	28.0351	6.62084	25.8182	-0.011583
0.776056	69.8592	83.3888	470.92	471.072	28.6343	6.62219	26.8182	-0.010938
0.777056	70.8784	83.3888	472.519	471.345	28.724	6.61844	26.0138	-0.009083
0.778056	70.4053	83.5238	475.489	474.213	28.9198	6.61844	26.8656	-0.010313
0.779056	70.2688	83.25	475.489	475.443	29.1601	6.62156	26.0138	-0.011583

0.780056	70.2688	83.6603	477.088	477.355	29.0338	6.62781	26.3096	-0.012188
0.781056	70.5419	83.25	478.458	479.13	28.9278	6.62531	26.1818	-0.010838
0.782056	70.6784	83.7971	480.058	480.833	28.7729	6.62489	26.211	-0.011875
0.783056	70.4053	83.25	481.2	481.725	28.4061	6.60781	26.358	-0.010938
0.784056	70.6784	83.5236	483.256	483.911	28.0229	6.58625	26.4083	-0.010825
0.785057	70.4053	83.3868	484.284	484.184	27.762	6.58594	26.4063	-0.010313
0.786057	70.1323	83.25	485.987	486.369	27.0854	6.58989	26.6551	-0.008063
0.787057	70.4053	83.3868	486.454	488.237	27.0936	6.63562	26.4063	-0.012188
0.788057	71.088	83.5236	488.167	488.828	27.9903	6.62344	26.8524	-0.011875
0.789057	70.5419	83.5236	490.337	489.237	28.455	6.63375	27.0005	-0.010625
0.790057	70.2688	83.5236	490.337	491.288	29.1153	6.62969	26.8057	-0.012813
0.791057	70.6784	83.3868	492.185	492.652	29.4169	6.62844	27.4448	-0.010838
0.792057	70.4053	83.6603	493.784	494.701	29.4251	6.63156	27.0982	-0.011583
0.793057	70.2688	83.3868	495.477	496.34	29.8408	6.63889	27.2472	-0.010313
0.794057	70.4053	83.3868	497.419	497.296	29.5863	6.63889	27.1485	-0.010313
0.795057	70.4053	83.5236	499.132	499.481	29.5066	6.63844	27.4446	-0.010313
0.796057	70.6784	83.5236	501.074	501.393	29.2702	6.63469	27.4839	-0.010313
0.797057	70.1323	83.25	502.444	502.488	27.8026	6.63781	27.642	-0.010838
0.798057	70.5419	83.7971	504.272	505.081	28.0025	6.63875	27.79	-0.008688
0.799058	70.5419	83.5236	506.556	506.173	28.6814	6.61375	27.936	-0.010313
0.800058	70.815	83.5236	508.183	508.769	28.8381	6.58219	28.1847	-0.008125
0.801058	70.6784	83.5236	509.983	510.271	29.3109	6.58201	28.0661	-0.011875
0.802058	70.6784	83.5236	513.409	513.003	29.3273	6.63531	28.4806	-0.01125
0.803058	70.6784	83.5236	516.237	514.232	29.4251	6.64675	28.3821	-0.011875
0.804058	70.9515	83.3868	517.864	517.373	29.7104	6.64469	28.5302	-0.010313
0.805058	70.6784	82.9785	520.378	519.832	29.4169	6.63837	28.5795	-0.010313
0.806058	70.815	83.5236	522.775	523.246	29.0419	6.63856	28.4808	-0.01125
0.807058	70.6784	84.0706	525.402	525.295	28.5406	6.64219	28.7789	-0.010313
0.808058	70.5419	84.3442	528.486	527.89	28.5895	6.64719	28.6782	-0.011563
0.809058	70.6784	82.8395	531.57	531.714	28.1696	6.64344	28.7789	-0.01125
0.810058	70.5419	83.5236	534.311	533.06	27.7847	6.64219	28.9743	-0.011875
0.811058	70.4053	84.3442	538.08	536.904	28.1574	6.64594	29.1716	-0.007188
0.812058	70.4053	83.6603	540.821	539.838	28.9523	6.64406	29.5864	-0.010625
0.813059	70.4053	83.5236	543.905	542.841	29.4903	6.64158	29.5171	-0.010938
0.814059	70.4053	83.6603	547.874	548.802	29.7675	6.61937	29.4877	-0.009375
0.815059	70.5419	83.7971	551.558	550.018	29.798	6.58781	29.9612	-0.008688
0.816059	69.8592	83.5236	554.413	552.748	29.8427	6.58719	29.5864	-0.010938
0.817059	70.5419	82.703	557.954	557.119	30.1669	6.60844	29.9612	-0.010313
0.818059	70.815	83.5236	561.838	560.87	29.8853	6.65084	30.1082	-0.010625
0.819059	70.815	83.6603	565.835	563.875	29.3313	6.63031	30.2572	-0.01125
0.820059	70.4053	83.7971	568.378	568.318	28.0514	6.63344	30.3088	-0.010838
0.821059	70.6784	83.25	573.031	570.913	27.7702	6.63844	30.852	-0.010313
0.822059	70.4053	84.2074	578.285	575.011	28.7189	6.63469	30.5533	-0.008063
0.823059	70.2688	83.5236	580.589	578.972	28.0175	6.63812	30.652	-0.012188
0.824059	70.4053	83.7971	584.453	582.25	28.3109	6.62969	30.9481	-0.011563
0.825059	71.088	83.3868	588.25	587.44	29.7267	6.63469	30.9974	-0.010625
0.826059	70.5419	83.3868	593.247	591.811	29.8816	6.63719	31.1454	-0.012188
0.82706	70.6784	83.3868	598.58	594.289	29.5514	6.63844	31.1454	-0.010313
0.82806	70.5419	83.5236	601.357	598.093	29.8126	6.63406	31.2935	-0.01125
0.82906	70.4053	83.5236	604.783	601.781	29.7145	6.61594	31.8389	-0.008063
0.83006	71.088	83.5236	608.438	605.198	29.2131	6.59094	31.5895	-0.01125
0.83106	70.815	83.6603	611.408	609.588	28.8748	6.57219	31.8389	-0.010625

0.83206	70.9515	83.5238	615.748	612.844	28.7158	6.56989	31.7889	-0.012188
0.83306	70.5419	83.6803	619.86	615.712	27.8843	6.63887	32.083	-0.007188
0.83406	71.2248	83.5238	622.03	618.99	28.2023	6.62594	32.1323	-0.013125
0.83506	70.6784	83.1133	625.571	621.995	28.1234	6.63219	32.5784	-0.011563
0.83606	70.6784	83.7971	629.34	625.546	29.474	6.63469	32.3297	-0.011875
0.83706	70.4053	82.9785	632.198	629.097	29.7022	6.63156	32.5764	-0.011875
0.83806	70.4053	83.5238	635.622	632.512	29.7022	6.62908	32.8232	-0.010938
0.83906	70.2688	83.1133	639.277	635.517	29.7349	6.62719	32.5784	-0.010313
0.84006	70.4053	83.5238	641.904	638.248	29.6982	6.63219	32.6751	-0.011875
0.841061	70.9515	83.3868	644.78	641.663	29.3436	6.63469	32.7245	-0.011563
0.842061	70.4053	83.9339	647.615	646.034	28.9523	6.63094	33.1192	-0.010938
0.843061	70.5419	83.3868	650.471	647.538	28.512	6.62437	33.2179	-0.011875
0.844061	70.5419	83.25	654.582	650.268	27.7947	6.62408	33.4848	-0.009063
0.845061	70.6784	83.3868	656.41	653.273	27.4804	6.60781	33.4153	-0.012188
0.846061	70.2688	83.7971	659.037	655.868	27.811	6.5825	34.0588	-0.008375
0.847061	70.4053	84.0706	661.864	658.009	28.2593	6.55844	33.7114	-0.010313
0.848061	70.6784	83.3868	663.72	661.467	28.5528	6.58219	34.0074	-0.009375
0.849061	70.4053	83.3868	667.146	664.063	28.7568	6.63719	34.1061	-0.01125
0.850061	70.5419	83.5238	669.088	666.931	28.7892	6.62781	33.8594	-0.011563
0.851061	70.6784	83.3868	670.801	668.57	28.887	6.63219	34.4022	-0.009063
0.852061	70.815	83.5238	672.971	670.892	28.834	6.62408	34.2541	-0.010625
0.853061	70.4053	83.6803	674.228	674.852	28.7974	6.62408	34.4022	-0.010938
0.854061	69.8582	83.3868	676.065	676.672	28.618	6.62719	34.5009	-0.012188
0.855062	70.4053	83.6803	677.312	677.584	27.7783	6.63375	34.5996	-0.008063
0.856062	70.4053	83.3868	679.482	681.682	27.1262	6.63094	34.4515	-0.010625
0.857062	70.815	83.5238	679.71	683.867	28.1686	6.62781	35.0437	-0.010938
0.858062	69.8582	83.3868	681.081	686.052	28.7485	6.62719	35.2804	-0.011563
0.859062	70.5419	83.5238	681.309	689.057	28.9198	6.63406	35.1423	-0.010938
0.860062	70.4053	83.1133	681.538	691.516	28.8707	6.62908	35.083	-0.011563
0.861062	70.6784	83.25	682.223	694.247	29.1968	6.58844	35.2904	-0.010313
0.862062	70.4053	83.3868	682.452	696.706	29.6531	6.58875	35.6358	-0.010625
0.863062	70.5419	83.5238	682.68	698.071	29.2946	6.55906	35.3891	-0.011563
0.864062	70.5419	83.3868	683.594	700.53	28.9198	6.63719	35.5885	-0.010313
0.865062	70.4053	83.25	684.051	702.988	29.0501	6.63594	35.6851	-0.009063
0.866062	70.4053	83.25	685.85	704.491	28.6099	6.62908	35.8825	-0.007813
0.867062	69.8582	83.3868	685.85	707.359	27.7376	6.62719	36.0799	-0.011563
0.868063	70.6784	83.5238	686.563	709.544	27.33	6.63156	36.2773	-0.011563
0.869063	70.4053	83.6803	687.934	711.73	28.8616	6.63687	36.2773	-0.010625
0.870063	70.4053	83.5238	689.305	713.232	28.9468	6.63719	36.4747	-0.010938
0.871063	70.5419	83.5238	690.581	715.984	27.5542	6.63219	36.4747	-0.010313
0.872063	70.2688	83.3868	690.875	718.286	27.8721	6.63156	36.4747	-0.010938
0.873063	70.6784	83.7971	692.048	720.334	27.8273	6.63469	36.2773	-0.011875
0.874063	70.4053	84.0706	693.302	722.52	28.0718	6.64219	36.672	-0.010938
0.875063	70.4053	83.5238	693.873	725.388	28.2104	6.63656	36.7707	-0.012813
0.876063	70.4053	83.7971	694.787	726.344	27.9068	6.61489	36.9681	-0.010625
0.877063	70.815	83.5238	694.33	727.846	27.7947	6.58584	37.0688	-0.010625
0.878063	70.6784	83.5238	695.815	730.851	27.8479	6.57187	37.3629	-0.012813
0.879063	70.4053	83.5238	695.929	733.036	27.1914	6.59969	37.4122	-0.010938
0.880063	70.2688	82.9785	697.071	735.358	26.9631	6.54969	37.7576	-0.010938
0.881063	70.815	83.3868	697.757	738.227	27.6988	6.63344	37.807	-0.010313
0.882064	70.4053	83.5238	697.528	740.139	28.1248	6.64489	37.955	-0.01125
0.883064	71.2248	83.3868	698.328	742.324	28.4488	6.64219	37.8583	-0.011563

0.884084	70.5419	83.25	698.214	744.236	28.8218	6.63844	38.0537	-0.010313
0.885084	70.9515	83.5236	698.442	746.896	28.9278	6.63656	38.1524	-0.010938
0.886084	70.6784	83.5236	698.899	749.428	29.0949	6.63989	38.103	-0.010938
0.887084	70.6784	83.5236	698.67	750.519	28.9889	6.64489	38.2511	-0.01125
0.888084	70.6784	83.25	699.242	752.704	28.8887	6.64489	38.3496	-0.010313
0.889084	70.4053	83.5236	699.358	754.343	28.7485	6.64344	38.4484	-0.010313
0.890084	70.5419	84.0708	699.584	757.075	28.4224	6.63844	38.7839	-0.010313
0.891084	70.1323	83.5236	699.127	759.387	27.8517	6.62969	38.7939	-0.010825
0.892084	70.9515	83.6803	699.127	761.172	27.4115	6.60656	38.8432	-0.011563
0.893084	70.4053	83.25	699.698	763.904	26.8493	6.58719	38.9419	-0.010313
0.894084	70.6784	83.6803	699.698	766.089	27.1262	6.58562	38.9419	-0.010938
0.895084	70.5419	83.7971	700.612	768.548	27.387	6.63594	39.238	-0.010313
0.896085	70.6784	84.0708	700.27	770.46	27.4278	6.64219	39.3366	-0.010938
0.897085	70.4053	83.5236	700.726	773.875	27.7335	6.64406	39.534	-0.011563
0.898085	71.088	83.6803	700.726	775.377	27.7783	6.64219	39.4353	-0.01125
0.899085	70.4053	84.0708	700.384	777.289	27.8028	6.63562	39.8301	-0.009083
0.900085	70.4053	82.9785	700.841	779.474	27.8273	6.63594	39.8301	-0.011875
0.901085	71.2248	83.5236	700.155	782.206	27.5827	6.64344	39.9268	-0.010313
0.902085	70.6784	83.7971	699.242	783.982	26.9957	6.64219	40.4222	-0.01125
0.903085	70.5419	83.5236	698.558	786.577	26.743	6.64156	40.2249	-0.010938
0.904085	70.4053	83.5236	697.528	787.943	26.8184	6.63844	40.3729	-0.010938
0.905085	70.4053	83.5236	698.957	790.947	26.9468	6.63781	40.6196	-0.010825
0.906085	70.815	83.5236	698.158	792.996	27.782	6.64489	40.6196	-0.011563
0.907085	70.6784	83.7971	695.13	795.728	28.5408	6.62489	41.0144	-0.010313
0.908085	70.6784	83.5236	695.016	798.323	28.4305	6.59406	40.817	-0.012813
0.909085	70.1323	83.9339	693.873	799.982	28.7403	6.58594	40.985	-0.010938
0.910088	70.6784	82.9785	695.016	801.874	29.3354	6.57875	41.1131	-0.007813
0.911088	70.4053	83.6803	692.98	802.987	28.9482	6.64969	40.817	-0.013125
0.912088	70.4053	83.5236	693.759	806.245	29.1479	6.63562	41.3104	-0.010313
0.913088	70.4053	83.5236	694.102	808.84	29.4047	6.63781	41.7545	-0.010938
0.914088	70.9515	83.5236	694.33	811.708	28.7321	6.63219	41.5572	-0.010313
0.915088	71.088	83.5236	695.244	813.82	28.4581	6.63887	41.8039	-0.010938
0.916088	70.1323	83.25	695.472	815.259	27.1588	6.64084	41.5572	-0.010313
0.917088	70.4053	83.5236	695.244	817.171	26.8289	6.63906	41.8039	-0.010938
0.918088	70.4053	83.7971	696.386	818.63	27.3707	6.63408	41.7545	-0.010825
0.919088	70.5419	83.6803	696.158	822.086	27.5297	6.63219	42.0013	-0.010938
0.920086	70.4053	82.9785	696.615	824.82	27.44	6.63531	42.0506	-0.010938
0.921088	70.6784	83.5236	696.158	825.912	28.0188	6.63844	42.1493	-0.011563
0.922088	70.4053	83.5236	694.787	827.415	27.9495	6.63489	42.0013	-0.012813
0.923088	70.4053	83.5236	693.845	830.148	27.589	6.61656	42.1	-0.010938
0.924087	70.4053	83.7971	692.731	832.741	27.9944	6.58989	42.8921	-0.01125
0.925087	70.4053	83.5236	691.132	834.854	27.4888	6.57219	42.396	-0.010938
0.926087	89.9958	83.7971	690.104	837.522	26.9957	6.58858	42.5934	-0.011875
0.927087	70.4053	83.3868	687.706	838.478	28.8812	6.64375	42.7908	-0.012813
0.928087	70.4053	83.7971	686.335	841.21	28.3925	6.62906	42.9882	-0.01125
0.929087	70.4053	83.25	684.393	842.849	28.2081	6.63781	42.8895	-0.010938
0.930087	70.4053	83.7971	682.908	846.127	27.118	6.63594	42.9388	-0.010938
0.931087	70.6784	84.0708	681.995	846.673	27.3544	6.63656	42.9388	-0.009083
0.932087	70.4053	83.9339	681.538	849.814	27.868	6.63375	43.2349	-0.010825
0.933087	70.2888	82.9785	679.482	849.404	28.2023	6.62969	42.8427	-0.013125
0.934087	70.6784	83.9339	679.482	852.819	28.3571	6.63489	43.2842	-0.012813
0.935087	70.4053	83.5236	677.426	854.596	28.5813	6.63906	43.4816	-0.010825

0.938067	70.6784	83.7971	676.989	856.507	28.6751	6.63719	43.3829	-0.01125
0.937067	70.6784	83.7971	676.284	856.555	28.6262	6.63562	43.3829	-0.010313
0.938068	69.8582	83.5236	674.799	860.741	28.4183	6.63219	43.7283	-0.010313
0.938068	70.815	83.5236	673.771	863.338	27.8839	6.62437	43.4323	-0.012188
0.940068	70.4053	83.9339	672.172	864.838	26.3843	6.59594	43.679	-0.010313
0.941068	70.2688	83.5236	670.573	866.341	26.5025	6.56969	43.531	-0.011583
0.942068	70.4053	83.5236	668.745	867.433	26.9957	6.58219	44.0737	-0.010313
0.943068	70.9515	83.6603	667.832	869.345	27.1689	6.64812	43.8764	-0.010938
0.944068	70.9515	83.25	666.804	870.028	27.387	6.63312	43.531	-0.013438
0.945068	70.4053	83.9339	665.433	872.78	27.6153	6.63875	44.0737	-0.011583
0.946068	70.4053	83.7971	664.634	874.809	27.5419	6.63188	44.9619	-0.010313
0.947068	70.6784	83.5236	663.808	875.901	27.493	6.62906	44.1724	-0.010313
0.948068	70.6784	83.6603	664.063	877.267	27.4849	6.63869	44.5672	-0.010313
0.949068	70.4053	84.2074	663.72	878.36	27.2036	6.63844	44.5178	-0.010625
0.950068	70.6784	83.5236	663.491	879.999	26.9794	6.63562	44.1724	-0.012813
0.951068	71.2246	83.5236	663.263	881.501	26.4985	6.63125	44.7152	-0.01125
0.952068	70.6784	83.5236	663.72	882.731	26.1479	6.63489	44.9619	-0.010938
0.953068	70.2688	83.25	663.263	884.096	25.7485	6.63656	44.8633	-0.01125
0.954068	70.815	83.5236	663.035	884.233	25.4102	6.63906	44.8633	-0.009083
0.955068	70.2688	83.5236	660.979	884.096	26.0949	6.61719	44.3898	-0.012813
0.956068	70.5419	83.6603	661.093	885.462	26.8327	6.58969	45.0606	-0.013438
0.957068	71.2246	83.7971	660.979	887.101	27.1751	6.56969	45.3074	-0.010938
0.958068	70.6784	83.5236	660.636	888.194	27.4278	6.57219	45.11	-0.011583
0.959068	70.4053	83.3868	660.065	888.604	27.6724	6.65344	44.8633	-0.010938
0.960068	70.4053	83.7971	660.522	889.013	27.8925	6.63344	45.2087	-0.011583
0.961068	70.4053	83.7971	669.608	889.56	27.8782	6.63656	45.0113	-0.011583
0.962068	70.815	83.7971	669.608	889.969	27.7457	6.63594	44.9619	-0.010313
0.963068	70.5419	83.9339	669.836	891.472	27.6316	6.63969	45.2087	-0.009688
0.964068	70.5419	83.3868	660.406	892.018	26.9224	6.63969	45.0606	-0.009083
0.965068	70.5419	83.25	660.75	893.111	25.8463	6.63594	45.258	-0.007813
0.96607	70.6784	83.6603	659.836	891.882	26.0338	6.63562	44.9659	-0.010938
0.96707	70.4053	83.3868	660.406	894.087	26.6534	6.63969	45.258	-0.012813
0.96807	70.4053	83.3868	660.522	895.023	26.9142	6.64489	45.7515	-0.01125
0.96907	70.815	83.5236	660.979	895.842	27.1058	6.63969	45.1593	-0.012813
0.97007	70.9515	83.6603	661.892	897.345	27.1262	6.64219	45.5047	-0.014063
0.97107	70.6784	83.5236	662.578	897.208	27.387	6.63469	45.258	-0.012188
0.97207	70.9515	83.5236	663.149	898.884	27.4115	6.61219	45.3567	-0.010625
0.97307	70.2688	83.7971	663.606	899.53	27.1262	6.58594	45.3567	-0.010313
0.97407	70.4053	83.5236	665.09	901.579	26.9101	6.56719	45.4554	-0.01125
0.97507	70.9515	83.5236	665.776	902.399	27.1262	6.63125	45.7515	-0.01125
0.97607	70.6784	83.3868	666.918	903.764	26.5515	6.64812	45.258	-0.011875
0.97707	70.4053	83.5236	668.06	904.311	25.8667	6.64856	45.5047	-0.010313
0.97807	70.9515	83.5236	669.202	906.632	25.9698	6.64781	45.5541	-0.011875
0.97907	71.2246	83.5236	670.459	907.882	26.8381	6.63969	45.8995	-0.011583
0.980071	70.6784	83.7971	672.4	908.954	26.0093	6.63969	45.8528	-0.010938
0.981071	70.815	83.3868	673.999	911.686	26.8449	6.64969	45.7515	-0.010625
0.982071	70.6784	83.9339	675.941	913.325	27.2566	6.64844	45.8008	-0.010938
0.983071	70.4053	83.5236	678.34	913.871	27.2566	6.64594	45.7515	-0.010313
0.984071	70.9515	83.7971	681.081	916.466	27.8479	6.64094	45.7515	-0.010938
0.985071	70.6784	83.7971	684.051	919.198	27.8191	6.64219	45.8502	-0.010313
0.986071	70.9515	83.7971	687.02	922.476	27.599	6.64781	46.0475	-0.011583
0.987071	70.815	84.0706	688.848	923.159	27.5724	6.64906	46.0969	-0.010625

0.988071	70.6784	83.5236	692.388	925.071	27.4115	6.63437	45.7515	-0.012188
0.989071	70.6784	83.6603	693.531	927.529	26.4903	6.60281	45.7515	-0.012188
0.990071	70.4053	84.0706	695.244	930.261	25.618	6.58156	46.4423	-0.01125
0.991071	70.6784	84.2074	697.985	932.446	25.9523	6.58489	46.0969	-0.011563
0.992071	70.4053	83.5236	700.498	935.178	26.3803	6.60094	46.1462	-0.011875
0.993072	70.6784	83.9339	702.097	937.363	26.7104	6.63062	46.1462	-0.010313
0.994072	70.9515	83.7971	704.952	940.095	27.1832	6.63375	46.0969	-0.012813
0.995072	70.815	83.6603	706.894	941.734	27.2322	6.63719	46.2943	-0.010938
0.996072	70.4053	83.3668	708.95	945.012	27.2485	6.63989	46.1462	-0.012188
0.997072	70.4053	83.5236	710.778	946.378	27.3463	6.63812	46.1462	-0.010938
0.998072	70.4053	83.5236	713.876	949.109	27.3463	6.63469	46.0969	-0.012813
0.999072	70.6784	83.7971	717.174	951.705	27.2888	6.63781	46.4423	-0.009688
1.00007	70.4053	83.6603	719.001	953.753	27.012	6.63844	46.0969	-0.013438
1.00107	70.815	83.7971	721.742	957.031	26.8409	6.64281	46.7384	-0.010625
1.00207	70.4053	83.5236	724.141	958.67	26.5229	6.63781	46.5903	-0.010313
1.00307	70.5419	82.9765	726.882	960.719	26.0379	6.63719	46.4423	-0.011875
1.00407	70.5419	83.5236	729.509	963.314	25.7811	6.63625	46.4423	-0.011875
1.00507	70.6784	83.6603	732.136	966.046	26.3354	6.62344	46.4423	-0.012813
1.00607	70.6784	83.3668	734.421	968.504	26.6997	6.59656	46.3436	-0.010938
1.00707	70.5419	84.2074	736.362	969.597	27.0039	6.59908	46.541	-0.010313
1.00807	71.088	83.5236	738.647	973.011	27.3178	6.59594	46.5903	-0.01125
1.00907	70.5419	83.5236	741.274	972.675	27.367	6.64906	46.7384	-0.010938
1.01007	70.4053	83.5236	743.444	975.606	27.3585	6.63719	46.5929	-0.009063
1.01107	70.5419	83.6603	744.7	976.699	27.3218	6.64406	46.4423	-0.012813
1.01207	70.6784	83.1133	747.327	978.864	27.1058	6.63656	47.0838	-0.010938
1.01307	70.6784	83.7971	749.612	980.98	26.8572	6.63989	46.2943	-0.010625
1.01407	70.6784	83.3668	750.754	981.616	26.4577	6.63906	46.699	-0.010938
1.01507	70.4053	83.5236	753.495	983.801	25.9482	6.64875	46.837	-0.009688
1.01607	70.4053	83.6603	755.323	984.894	25.1574	6.63989	46.7384	-0.01125
1.01707	70.6784	83.5236	758.607	986.396	25.1962	6.64156	46.7384	-0.012813
1.01807	70.5419	83.7971	758.521	987.352	25.3653	6.64313	46.8357	-0.010625
1.01907	71.3611	83.5236	760.12	988.536	25.8137	6.64781	46.3436	-0.012188
1.02007	70.6784	83.5236	761.947	989.811	25.936	6.64687	47.0344	-0.011563
1.02107	70.6784	83.7971	765.259	992.406	26.0297	6.64187	46.9357	-0.00875
1.02207	70.5419	83.5236	765.374	991.996	26.1235	6.61781	47.1331	-0.012813
1.02307	70.6784	83.6603	768.115	994.865	26.1581	6.59856	47.1825	-0.011875
1.02407	70.6784	83.5236	769.257	995.274	26.0338	6.58187	47.1331	-0.011875
1.02507	70.5419	83.1133	771.77	998.913	26.0053	6.60719	47.0838	-0.009688
1.02607	70.5419	83.7971	774.168	998.279	25.8218	6.65469	47.1331	-0.009375
1.02707	70.9515	83.5236	775.653	1000.19	25.5324	6.63969	46.7384	-0.011875
1.02807	69.8592	83.5236	778.396	1001.15	25.2308	6.64969	46.7877	-0.011563
1.02907	70.2688	83.6603	779.308	1001.83	24.758	6.65188	46.689	-0.010313
1.03007	70.5419	83.5236	781.478	1003.47	25.1004	6.64875	46.9357	-0.008438
1.03107	70.5419	83.3668	782.963	1003.2	25.5814	6.64658	46.8884	-0.010938
1.03207	70.6784	83.7971	785.704	1005.11	25.8645	6.64969	46.9851	-0.008438
1.03307	70.6784	83.5236	786.161	1005.93	26.1805	6.65188	46.541	-0.011875
1.03407	70.5419	83.3668	788.446	1008.39	26.4618	6.65312	47.0838	-0.010938
1.03507	70.815	83.5236	790.045	1008.66	26.6207	6.64812	46.7877	-0.010938
1.03607	70.2688	83.3668	790.844	1010.03	26.5555	6.64969	47.0344	-0.011563
1.03707	70.9515	84.0706	793.014	1011.25	26.4985	6.65156	47.0344	-0.01125
1.03807	70.6784	83.5236	794.613	1012.35	26.4985	6.65469	47.0344	-0.010313
1.03907	70.4053	83.5236	795.984	1013.3	26.205	6.63437	47.0344	-0.010938

1.04007	70.5419	83.5236	797.126	1013.85	25.7648	6.59969	46.9357	-0.010625
1.04107	70.6784	83.6603	798.725	1017.13	25.4754	6.57969	46.9357	-0.011563
1.04208	71.2246	83.5236	799.296	1016.31	25.0229	6.60469	47.1331	-0.012186
1.04308	70.2688	82.8398	801.238	1018.08	24.224	6.66844	46.9357	-0.00875
1.04408	70.1323	83.5236	800.553	1018.22	24.33	6.64781	46.7877	-0.012186
1.04508	70.815	83.7971	802.36	1019.45	24.921	6.65084	47.2318	-0.010938
1.04608	70.4053	83.5236	803.751	1021.5	24.9985	6.65312	47.1331	-0.010313
1.04708	70.6784	83.5236	804.665	1022.59	25.2267	6.65719	46.9357	-0.010313
1.04808	70.4053	83.7971	805.35	1023.68	25.4917	6.65656	47.2318	-0.011563
1.04908	70.6784	83.5236	806.721	1024.78	25.4488	6.65406	47.2318	-0.010313
1.05008	70.6784	83.5236	806.949	1025.6	25.5528	6.65344	46.9357	-0.010938
1.05108	70.4053	84.3442	807.406	1026.28	25.5121	6.65062	46.9357	-0.011563
1.05208	70.5419	83.5236	808.548	1028.6	25.3853	6.64969	47.1331	-0.010938
1.05308	70.6784	83.7971	808.548	1028.05	25.1615	6.65084	47.1331	-0.011875
1.05408	70.8516	83.5236	808.548	1029.42	24.8925	6.64531	46.9357	-0.010313
1.05508	70.8516	83.5236	809.482	1030.92	24.5501	6.64469	47.0344	-0.010313
1.05608	70.815	83.5236	809.919	1031.74	24.8414	6.63969	47.6759	-0.010938
1.05708	70.2688	82.9785	809.69	1031.88	25.6262	6.60969	47.1625	-0.010938
1.05808	70.815	83.5236	810.604	1032.7	25.7729	6.6344	46.7384	-0.01125
1.05908	70.6784	83.7971	810.376	1033.52	25.8504	6.57344	46.9357	-0.009063
1.06008	70.6784	84.0706	810.718	1034.34	26.5311	6.64469	47.0344	-0.011875
1.06108	70.4053	83.6603	811.289	1035.7	26.1357	6.64281	46.9357	-0.012186
1.06208	70.815	83.7971	812.203	1037.07	26.4577	6.64156	47.1331	-0.011563
1.06308	70.815	84.0706	812.66	1038.3	26.8938	6.63719	46.8864	-0.010938
1.06408	69.9958	83.5236	813.117	1037.61	26.2294	6.63406	47.0344	-0.009688
1.06508	70.6784	83.25	814.716	1039.53	26.2784	6.63594	47.0344	-0.009063
1.06608	70.5419	83.7971	813.916	1039.94	26.2702	6.63844	46.837	-0.012186
1.06708	70.2688	83.7971	813.916	1041.17	25.818	6.63812	46.9357	-0.010313
1.06808	70.815	82.9785	814.944	1042.26	26.3688	6.63219	47.3305	-0.010313
1.06908	70.6784	83.5236	814.802	1042.53	24.7861	6.63062	46.7384	-0.010938
1.07008	70.815	83.9339	814.83	1044.44	24.2889	6.63312	46.8864	-0.011563
1.07108	70.9515	83.6603	815.401	1045.26	24.8561	6.63781	46.7384	-0.011875
1.07208	70.6784	83.6603	815.401	1046.08	24.9536	6.63562	46.541	-0.010313
1.07308	70.9515	83.9339	816.315	1045.54	25.0148	6.62469	46.8397	-0.011875
1.07408	70.815	83.5236	815.858	1046.63	25.2023	6.59969	46.7384	-0.010938
1.07508	70.4053	83.5236	817	1048.49	25.2227	6.57469	46.7384	-0.012186
1.07608	70.6784	83.6603	817.229	1048.13	25.1289	6.55969	46.4423	-0.009063
1.07708	70.6784	83.9339	817	1048.81	25.0881	6.62344	46.4423	-0.010938
1.07808	70.6784	83.5236	816.658	1049.77	25.0066	6.63281	46.4423	-0.010313
1.07908	70.6784	83.5236	817.229	1050.32	24.7335	6.62906	46.541	-0.012186
1.08008	70.9515	83.5236	816.772	1050.45	24.3382	6.63469	46.3929	-0.010313
1.08108	70.6784	84.2074	816.315	1051.55	24.1914	6.63437	46.4423	-0.009375
1.08208	70.6784	83.3688	815.858	1051.82	23.9469	6.62969	46.541	-0.008438
1.08308	70.815	83.5236	815.972	1052.37	24.4158	6.62844	46.1958	-0.011875
1.08408	70.4053	84.0706	815.744	1053.73	24.9498	6.63219	46.3436	-0.010938
1.08508	70.9515	84.0706	814.944	1054.69	25.402	6.63219	46.1462	-0.010313
1.08608	70.9515	83.25	814.716	1054.55	25.6099	6.63531	46.0475	-0.011563
1.08708	70.6784	83.7971	813.574	1054.69	26.1153	6.62937	46.3436	-0.010625
1.08808	70.6784	83.7971	812.203	1054.69	26.315	6.62969	46.3436	-0.011875
1.08908	70.815	83.6603	811.975	1055.92	26.2539	6.63344	46.1462	-0.010625
1.09008	70.815	83.9339	811.746	1056.74	26.1479	6.63844	46.3929	-0.01125
1.09108	69.8592	83.5236	811.289	1058.51	26.6207	6.62344	46.0969	-0.010938

1.09208	70.6784	82.9785	810.033	1058.38	28.3273	6.58188	46.1462	-0.011875
1.09308	70.6784	83.5238	809.804	1059.6	25.7159	6.56808	46.1482	-0.013125
1.09408	70.4053	84.0708	809.69	1059.19	25.7403	6.57219	46.1958	-0.01125
1.09508	70.5419	83.7971	809.233	1060.56	24.8925	6.55219	46.3436	-0.011583
1.09608	70.6784	83.7971	808.091	1060.83	24.1384	6.83408	46.2449	-0.010938
1.09708	71.2248	83.7971	809.005	1061.85	24.0284	6.83969	46.1482	-0.010938
1.09808	70.6784	83.6903	808.891	1061.24	24.3545	6.63875	46.1482	-0.010313
1.09908	71.3811	83.7971	810.378	1061.93	25.08	6.64219	45.7515	-0.011875
1.10008	70.6784	83.5238	809.919	1062.34	24.7784	6.64489	45.8995	-0.012188
1.10108	70.4053	83.7971	810.804	1063.57	24.1914	6.64187	46.0475	-0.011583
1.10208	70.815	83.5238	811.081	1063.84	24.4767	6.64313	45.9488	-0.009375
1.10308	70.9515	83.7971	811.518	1063.7	24.7132	6.64281	45.9982	-0.010313
1.10408	70.2688	83.5238	811.748	1065.89	23.9958	6.64906	45.9488	-0.010313
1.10508	70.6784	83.6903	812.203	1065.75	24.2199	6.64594	46.0475	-0.010313
1.10608	70.815	83.7971	812.203	1067.39	24.5338	6.64437	46.0989	-0.011583
1.10708	70.9515	83.5238	811.875	1068.89	23.5107	6.64887	46.0989	-0.010625
1.10808	70.9515	83.9339	811.748	1068.84	23.3681	6.65082	46.2449	-0.010625
1.10908	70.9515	84.0708	811.748	1067.66	23.8045	6.83188	45.9488	-0.008125
1.11008	70.4053	82.9765	810.832	1067.8	22.9686	6.59908	45.9488	-0.010313
1.11108	70.9515	83.5238	810.378	1068.48	23.8045	6.57489	45.8995	-0.01125
1.11208	71.088	83.9339	810.147	1069.57	24.6802	6.80969	46.4423	-0.010313
1.11308	70.815	84.0708	808.882	1070.67	24.436	6.88719	45.7515	-0.010938
1.11408	70.6784	83.9339	807.834	1071.08	24.6802	6.85408	46.3436	-0.010313
1.11508	70.9515	83.7971	808.284	1071.82	25.2838	6.84969	45.9982	-0.009688
1.11608	70.9515	83.7971	803.979	1071.78	25.2349	6.84908	45.8995	-0.010938
1.11708	70.815	83.5238	802.837	1071.49	25.3853	6.85344	45.9488	-0.010313
1.11808	70.6784	84.2074	801.895	1071.78	25.4102	6.85594	45.9488	-0.010313
1.11908	70.4053	83.25	800.324	1073.4	25.296	6.85531	45.8502	-0.010313
1.12008	70.815	83.5238	799.411	1072.85	25.292	6.84844	45.8995	-0.009375
1.12108	70.6784	83.7971	798.954	1073.26	24.8438	6.84969	45.5341	-0.012813
1.12208	70.4053	83.5238	797.583	1073.85	23.7267	6.85531	45.8034	-0.010313
1.12308	70.815	83.7971	797.489	1074.49	23.5086	6.85937	45.8995	-0.011583
1.12408	70.1323	83.7971	795.758	1075.04	23.6897	6.85489	45.7021	-0.01125
1.12508	70.6784	83.25	795.07	1074.38	24.0773	6.85531	45.8502	-0.013125
1.12608	70.5419	84.3442	794.271	1074.83	24.1588	6.85594	45.7515	-0.011583
1.12708	70.4053	83.7971	792.788	1075.04	24.33	6.84344	45.5541	-0.013438
1.12808	70.815	83.7971	791.758	1075.88	24.436	6.81281	45.8528	-0.010938
1.12908	70.6784	83.6903	790.273	1077.5	24.4401	6.58219	45.8528	-0.010625
1.13008	70.9515	83.5238	788.908	1077.22	24.1425	6.81375	45.8502	-0.01125
1.13108	70.2688	83.7971	788.047	1075.99	24.2974	6.86937	45.3567	-0.011583
1.13208	70.6784	83.3868	782.983	1075.99	23.9509	6.85594	45.3567	-0.011583
1.13308	70.815	84.2074	781.136	1076.13	23.6452	6.85594	45.3567	-0.011583
1.13408	70.4053	83.6903	778.851	1077.63	23.7023	6.85856	45.9488	-0.011583
1.13508	70.6784	83.5238	776.795	1078.32	23.2458	6.85856	45.5047	-0.010938
1.13608	70.9515	83.6903	773.828	1078.32	22.7528	6.85594	45.7021	-0.010938
1.13708	71.2248	83.5238	771.541	1079.82	22.6181	6.85344	45.8528	-0.010313
1.13808	70.6784	83.7971	770.171	1079.41	22.2757	6.84844	45.7515	-0.010938
1.13908	70.6784	84.0708	767.888	1079.96	22.5814	6.84344	45.8502	-0.010938
1.14008	70.6784	83.5238	766.059	1079.98	23.3354	6.84408	45.8502	-0.010625
1.14108	70.9515	83.9339	764.46	1080.23	23.4007	6.84844	45.8528	-0.011583
1.14208	69.9958	83.7971	763.318	1080.23	23.9917	6.84858	45.7515	-0.011875
1.14308	70.4053	82.9765	761.947	1079.96	23.8409	6.84187	45.8502	-0.010625

1.14408	70.815	84.0706	760.12	1080.91	24.1384	6.84281	45.7515	-0.010938
1.14508	70.6784	83.5236	758.977	1081.73	24.3871	6.83625	45.5541	-0.012188
1.14608	70.1323	83.7971	757.835	1082.82	24.1343	6.80938	45.9488	-0.010825
1.14708	70.9515	83.6803	756.236	1082.69	24.2159	6.58312	45.8502	-0.010825
1.14808	70.4053	83.7971	754.409	1082.41	24.1282	6.57156	45.9488	-0.010313
1.14908	70.9515	83.9339	752.81	1083.64	23.8653	6.84281	45.8995	-0.010938
1.15008	70.8784	83.6803	749.84	1082.96	23.0175	6.83856	45.9488	-0.010938
1.15108	70.6784	83.5236	748.928	1085.28	22.3857	6.84219	45.9488	-0.010938
1.15208	70.9515	83.6803	746.414	1084.33	22.8137	6.83719	45.9488	-0.01125
1.15308	70.9515	83.25	743.672	1085.15	23.1479	6.83219	46.2449	-0.010313
1.15408	70.6784	83.7971	741.388	1083.51	23.1724	6.62989	45.5047	-0.013438
1.15508	70.5419	83.5236	739.56	1084.8	23.5382	6.83219	45.9488	-0.011875
1.15608	70.6784	83.7971	737.961	1084.87	23.8656	6.83812	46.541	-0.011583
1.15708	70.815	83.6803	738.134	1084.87	23.5555	6.83158	46.2449	-0.013125
1.15808	70.6784	83.5236	733.821	1084.87	23.7349	6.83094	46.0989	-0.012188
1.15908	70.9515	83.6803	733.821	1085.42	23.7675	6.62908	46.1958	-0.0125
1.16008	70.2688	83.25	732.479	1085.42	23.421	6.62989	46.1462	-0.01125
1.16108	70.815	83.7971	731.585	1085.69	23.5392	6.63887	46.2943	-0.010313
1.16208	70.5419	83.9339	730.851	1085.15	23.5392	6.62989	46.3929	-0.010825
1.16308	70.4053	83.7971	730.423	1085.83	22.8137	6.62844	46.5903	-0.010938
1.16408	70.6784	83.5236	729.966	1085.15	22.6588	6.80437	46.3929	-0.010313
1.16508	70.4053	84.0706	729.395	1083.51	22.8219	6.57969	45.7515	-0.01375
1.16608	70.2688	83.7971	729.281	1084.87	22.2797	6.56219	46.5903	-0.010825
1.16708	70.5419	84.3442	729.052	1085.28	21.9659	6.59281	46.837	-0.010938
1.16808	69.8592	83.7971	729.281	1085.15	22.724	6.84094	44.5672	-0.012188
1.16908	70.4053	83.5236	729.624	1085.83	23.1561	6.62781	46.3587	-0.01125
1.17008	70.815	83.5236	729.738	1085.69	23.1887	6.83887	47.4292	-0.010938
1.17108	70.6784	83.7971	729.509	1085.96	23.8615	6.83219	46.7677	-0.010313
1.17208	70.4053	84.0706	729.281	1085.42	23.6897	6.62908	46.9357	-0.009063
1.17308	70.5419	83.25	729.052	1085.96	23.7146	6.82812	47.0344	-0.010313
1.17408	70.9515	83.5236	729.052	1085.69	23.9958	6.82844	47.0638	-0.010313
1.17508	70.4053	83.5236	729.509	1084.87	23.8776	6.83469	46.9357	-0.010938
1.17608	70.4053	83.7971	729.852	1084.33	23.8208	6.82489	46.7384	-0.010825
1.17708	70.6784	83.6803	730.195	1085.96	23.8778	6.82812	47.2811	-0.011875
1.17808	70.815	83.6803	731.337	1085.15	23.3232	6.82937	47.7253	-0.010938
1.17908	70.4053	83.25	730.88	1084.87	22.3246	6.83344	47.1331	-0.009063
1.18008	70.815	83.5236	731.794	1085.42	21.9088	6.83989	46.9357	-0.011583
1.18108	70.4053	82.9785	732.251	1085.96	22.2675	6.83582	47.1331	-0.009063
1.18208	70.6784	83.3888	733.05	1088.65	22.5773	6.83719	47.1331	-0.011875
1.18308	70.4053	82.9785	734.306	1087.06	22.7974	6.81856	46.837	-0.012188
1.18408	70.4053	83.5236	736.248	1087.74	23.0827	6.59437	47.1331	-0.012188
1.18508	70.5419	84.3442	736.248	1088.15	23.2254	6.57094	46.9357	-0.01125
1.18608	70.4053	84.2074	738.19	1088.15	23.1153	6.59219	47.0344	-0.010825
1.18708	70.6784	83.3888	738.647	1087.33	23.1806	6.85219	46.541	-0.014888
1.18808	70.4053	84.0706	740.017	1089.24	23.3273	6.83781	47.2811	-0.009063
1.18908	70.815	83.5236	742.302	1090.06	23.1479	6.85125	47.7746	-0.011875
1.19008	70.4053	83.7971	743.672	1091.29	23.1235	6.84437	47.1825	-0.011583
1.19108	70.2688	83.5236	745.386	1091.97	23.1072	6.84937	47.6266	-0.009063
1.19208	70.4053	84.3442	746.756	1091.84	22.7403	6.84531	47.6279	-0.010313
1.19308	70.6784	83.3888	748.698	1092.25	22.5626	6.84719	47.6279	-0.012813
1.19408	70.4053	83.3888	750.64	1093.07	22.4306	6.85489	47.8733	-0.010938
1.19508	70.6784	84.2074	751.896	1093.61	21.8782	6.84719	48.0213	-0.010313

1.19609	70.6784	83.5236	753.495	1094.43	21.7009	6.65062	47.8239	-0.011563
1.19709	70.6784	83.7971	755.551	1094.71	22.1615	6.65375	48.0707	-0.010313
1.19809	70.815	83.7971	757.835	1095.8	22.3653	6.65989	47.8239	-0.010313
1.19909	70.6784	84.0706	758.178	1095.8	22.5243	6.65989	48.0213	-0.011563
1.20009	70.6784	83.5236	760.12	1096.62	22.8545	6.65657	48.4181	-0.011563
1.20109	70.4053	82.9785	762.861	1096.53	22.9482	6.66094	48.1693	-0.010625
1.20209	70.9515	83.5236	764.574	1096.53	22.9686	6.65156	48.4654	-0.011563
1.20309	70.6784	83.5236	766.069	1099.08	23.0746	6.62564	48.4181	-0.010938
1.20409	70.6784	83.7971	767.43	1099.35	23.095	6.59564	48.3174	-0.010938
1.20509	70.4053	83.7971	769.257	1101.26	22.938	6.62094	48.3174	-0.010313
1.20609	70.6784	83.7971	771.085	1101.26	22.724	6.67844	48.8108	-0.010313
1.20709	71.2246	83.7971	772.341	1104.27	22.561	6.66989	48.7121	-0.011563
1.20809	70.4053	83.7971	773.828	1103.17	22.292	6.67438	48.9095	-0.010938
1.20909	70.6784	84.0706	775.311	1103.45	21.9659	6.66781	48.3897	-0.011875
1.21009	70.6784	83.25	777.252	1104.54	21.33	6.67281	48.8502	-0.012188
1.21109	70.6784	83.5236	778.851	1105.09	21.1914	6.67469	48.1582	-0.013125
1.21209	70.6784	83.9339	780.679	1106.18	21.2611	6.67719	48.9095	-0.010938
1.21309	70.4053	83.7971	781.707	1106.45	21.5379	6.67469	49.3043	-0.011563
1.21409	70.2888	83.7971	783.783	1107.82	21.7336	6.67281	49.2056	-0.012188
1.21509	70.6784	84.0706	785.133	1108.36	21.9903	6.67906	48.1582	-0.010938
1.21609	70.815	84.2074	786.278	1109.18	21.9903	6.68219	49.3043	-0.010313
1.21709	70.815	83.8603	787.875	1110	21.9844	6.68187	49.2056	-0.012188
1.21809	70.6784	83.5236	789.359	1111.64	22.1209	6.67906	49.6497	-0.010313
1.21909	70.4053	83.8603	791.073	1111.64	22.1209	6.67906	49.3043	-0.011563
1.22009	70.6784	83.9339	793.928	1112.19	22.0352	6.67906	48.5017	-0.009063
1.22109	70.6784	83.5236	794.365	1112.6	21.9944	6.67469	49.699	-0.013125
1.22209	70.815	83.8603	795.185	1112.73	21.9251	6.64631	50.0938	-0.01125
1.22309	70.6784	83.5236	797.812	1114.37	21.6561	6.61781	50.0444	-0.009688
1.22409	70.6784	83.7971	799.867	1115.47	21.4849	6.60489	49.7484	-0.010313
1.22509	70.6784	83.5236	800.553	1116.88	21.2159	6.67219	49.9951	-0.009375
1.22609	70.9515	84.481	802.809	1116.29	20.9061	6.66969	49.9951	-0.012188
1.22709	70.6784	83.5236	804.893	1117.11	21.2567	6.66719	49.9951	-0.011563
1.22809	70.6784	83.5236	805.807	1117.52	21.6153	6.66469	50.1431	-0.010938
1.22909	70.6784	83.1133	807.834	1118.74	21.7702	6.66469	50.2418	-0.011563
1.23009	70.4053	83.8603	809.576	1117.38	21.974	6.65937	50.0444	-0.01125
1.23109	70.6784	83.25	812.888	1118.74	22.2349	6.65625	50.5872	-0.009063
1.23209	70.6784	83.25	814.031	1120.38	22.2838	6.64969	50.0938	-0.011563
1.23309	70.6784	83.3968	815.858	1120.38	22.3001	6.64437	50.8833	-0.011563
1.23409	70.5419	83.5236	818.142	1121.48	22.349	6.65219	50.4866	-0.011563
1.23509	70.6784	83.5236	820.855	1121.61	22.3205	6.65094	50.6859	-0.01125
1.23609	70.6784	83.5236	822.14	1121.89	22.2186	6.64582	50.9327	-0.010313
1.23709	70.6784	83.8603	824.082	1122.71	22.0474	6.63906	50.7848	-0.010313
1.23809	70.6784	83.5236	824.881	1123.12	21.8438	6.63656	50.6859	-0.012188
1.23909	70.9515	83.8603	827.508	1123.93	21.6316	6.64094	51.13	-0.011563
1.24009	70.815	83.5236	828.107	1125.18	21.2485	6.63969	50.8833	-0.010938
1.24109	70.4053	83.5236	830.249	1124.82	20.849	6.62719	51.0907	-0.010313
1.24209	70.4053	83.7971	832.782	1125.03	20.5841	6.58469	50.8833	-0.008438
1.24309	70.6784	83.5236	833.105	1125.85	20.1785	6.57344	50.8833	-0.013438
1.24409	70.6784	83.5236	834.932	1126.12	20.2821	6.55469	51.1794	-0.011563
1.24509	71.088	83.8603	835.98	1126.87	20.5837	6.62437	51.0907	-0.012188
1.24609	70.4053	83.5236	836.76	1126.94	20.8327	6.63344	51.0313	-0.010313
1.24709	70.6784	83.5236	838.016	1127.21	20.8854	6.62719	51.0907	-0.01125

1.24809	70.815	84.2074	839.615	1128.85	20.8898	6.62844	51.0313	-0.010313
1.24909	70.6784	83.6603	840.529	1129.53	21.0732	6.62594	51.13	-0.010936
1.25009	69.9958	83.7971	842.242	1130.83	21.1181	6.62844	51.0807	-0.012813
1.25109	71.2248	83.5236	842.813	1131.58	20.9673	6.62469	51.1764	-0.011583
1.25209	70.815	83.5236	843.727	1130.78	20.8287	6.62219	50.8633	-0.011563
1.25309	70.6784	83.3868	845.326	1130.78	20.7961	6.61969	51.0807	-0.011583
1.25409	70.4053	83.3868	845.096	1130.78	20.955	6.62313	51.5248	-0.011675
1.25509	70.4053	83.5236	847.496	1132.4	20.4414	6.62344	52.1168	-0.011563
1.25609	70.5419	83.3868	848.638	1132.4	20.1765	6.62125	51.3785	-0.01125
1.25709	70.6784	83.6603	849.666	1133.22	20.4659	6.62406	51.5248	-0.012188
1.25809	70.4053	84.0706	850.58	1134.04	20.1154	6.62219	51.5741	-0.011583
1.25909	70.6784	83.5236	851.494	1134.86	20.1724	6.62344	51.4754	-0.010313
1.26009	71.2248	83.6603	851.494	1134.45	21.1548	6.62313	51.6728	-0.010838
1.26109	70.4053	83.3868	852.406	1134.04	21.1181	6.62469	51.5741	-0.011583
1.26209	70.9515	83.1133	853.321	1136.09	20.9632	6.60469	51.9195	-0.010313
1.26309	70.815	83.3868	853.093	1135.13	21.6113	6.57813	51.6728	-0.01125
1.26409	70.6784	83.6603	854.235	1135.95	21.4768	6.55781	51.6728	-0.008125
1.26509	70.6784	83.5236	854.692	1136.23	21.2848	6.57719	51.6728	-0.010313
1.26609	71.2248	83.7971	854.235	1137.32	21.5501	6.63969	51.9195	-0.011583
1.26709	70.9615	83.5236	854.806	1138.14	21.6072	6.62187	51.6728	-0.011563
1.26809	70.6784	83.9339	855.148	1138.96	21.4849	6.62969	51.6728	-0.010313
1.26909	70.5419	83.5236	856.261	1138.23	21.4034	6.62875	52.0676	-0.008375
1.27009	70.6784	83.6603	856.063	1138.37	21.224	6.62719	51.6235	-0.010313
1.27109	70.6784	83.5236	856.748	1138.82	20.8617	6.62844	51.8702	-0.011875
1.27209	70.815	83.5236	856.976	1138.98	20.9224	6.62437	51.8702	-0.010313
1.27309	69.9958	83.7971	857.682	1141.14	20.7023	6.62469	52.0182	-0.011875
1.27409	70.815	83.5236	858.119	1140.6	20.0583	6.62906	51.6728	-0.012813
1.27509	70.6784	83.6603	859.281	1142.24	19.7526	6.63158	51.8702	-0.010313
1.27609	70.9515	83.5236	859.469	1142.78	19.7037	6.63219	52.1663	-0.012188
1.27709	70.9515	83.6603	860.289	1143.47	19.7485	6.63281	52.2156	-0.010313
1.27809	70.6784	83.5236	860.403	1143.39	20.1357	6.63469	51.9889	-0.010938
1.27909	70.6784	83.6603	861.545	1143.88	20.3273	6.63781	52.1663	-0.010938
1.28009	70.6784	83.7971	861.545	1143.39	20.364	6.63719	52.0182	-0.011875
1.28109	71.088	83.7971	862.23	1144.7	20.3029	6.63969	52.0676	-0.010313
1.28209	70.6784	83.5236	862.459	1144.97	20.2682	6.64187	52.1663	-0.010825
1.28309	70.4053	83.1133	863.144	1148.06	20.4088	6.62594	52.2156	-0.010938
1.28409	70.815	83.5236	863.144	1147.43	20.1276	6.59844	52.4623	-0.011563
1.28509	70.6784	83.5236	864.743	1147.58	20.0094	6.57469	52.3143	-0.01125
1.28609	70.815	84.0706	865.771	1147.7	20.5678	6.59687	52.4623	-0.007813
1.28709	70.4053	83.25	864.972	1147.43	18.936	6.65719	52.2156	-0.012188
1.28809	70.6784	83.7971	865.771	1147.7	19.4387	6.63969	52.1663	-0.012188
1.28909	70.5419	83.5236	866	1148.11	19.8687	6.64781	52.4623	-0.012188
1.29009	70.815	83.7971	865.657	1148.25	19.2675	6.64344	52.265	-0.011563
1.29109	70.9515	83.9339	866.114	1149.2	19.2553	6.64719	52.4623	-0.012188
1.29209	70.1323	83.7971	866.571	1150.7	20.1808	6.64719	52.2156	-0.012813
1.29309	70.6784	83.7971	867.028	1151.8	20.2702	6.64781	52.265	-0.01125
1.29409	70.6784	83.9339	865.885	1151.8	19.9645	6.64969	52.265	-0.010313
1.29509	70.6784	83.6603	866.114	1153.44	21.0202	6.64969	51.9195	-0.012813
1.29609	70.5419	83.6603	866	1152.34	21.1099	6.65094	52.265	-0.010313
1.29709	70.4053	84.0706	865.885	1153.16	20.3438	6.65312	52.0676	-0.008688
1.29809	70.815	83.5236	865.657	1153.03	21.1425	6.65344	52.4623	-0.012188
1.29909	70.815	83.5236	866.114	1154.53	21.3058	6.65844	53.0545	-0.010825

1.30009	71.3611	83.7971	885.885	1155.21	20.8368	6.65812	52.7584	-0.010313
1.30109	70.4053	83.7971	885.428	1155.88	21.1711	6.65808	52.7584	-0.013438
1.30209	70.4053	83.7971	885.885	1156.98	21.0284	6.66489	52.7091	-0.012188
1.30309	70.815	83.5236	886.114	1158.48	20.8572	6.66437	52.561	-0.012188
1.30409	70.815	83.8339	886.571	1158.08	20.8327	6.65989	52.8571	-0.01125
1.30509	70.815	83.7971	885.771	1158.83	20.3782	6.63312	53.1038	-0.010825
1.30609	70.9515	83.5236	885.543	1160.27	20.1357	6.60844	53.1632	-0.009063
1.30709	70.9515	83.7971	885.2	1157.94	19.3654	6.60584	52.9558	-0.011583
1.30809	70.9515	83.3888	884.829	1159.04	18.9822	6.67837	53.0545	-0.01125
1.30909	70.8784	83.7971	884.172	1159.17	19.3817	6.66989	52.9558	-0.011583
1.31009	70.8784	83.8603	884.515	1160.27	19.508	6.67812	53.1632	-0.013438
1.31109	70.8784	83.7971	884.288	1161.48	19.4306	6.67812	53.1632	-0.011875
1.31209	70.815	83.5236	884.288	1162.45	19.777	6.68158	53.1038	-0.013438
1.31309	70.8784	82.9785	883.373	1163	19.7689	6.68489	53.2519	-0.010313
1.31409	70.8784	83.7971	883.601	1163.27	19.7159	6.68084	53.2519	-0.011583
1.31509	70.1323	83.7971	882.23	1163.85	19.8545	6.68719	53.2519	-0.010313
1.31609	69.9958	83.7971	881.888	1163.54	19.6018	6.67844	53.5873	-0.010825
1.31709	70.815	84.0708	881.545	1168.41	19.5182	6.68594	53.8486	-0.010938
1.31809	70.4053	83.7971	880.748	1164.77	19.5203	6.68594	53.4886	-0.010938
1.31909	69.9958	83.5236	881.068	1165.73	19.4795	6.69312	53.4886	-0.00875
1.3201	70.9515	83.5236	880.06	1166.68	19.1208	6.68989	53.844	-0.012188
1.3211	70.8784	83.7971	859.489	1167.08	18.9007	6.68875	53.844	-0.011583
1.3221	70.8784	82.9785	859.832	1167.81	18.9211	6.69219	53.992	-0.01125
1.3231	70.2888	83.8603	859.489	1168.32	18.436	6.68989	53.8427	-0.010313
1.3241	70.5419	83.3888	860.174	1168.87	18.2404	6.70187	53.8427	-0.010938
1.3251	70.815	83.8339	860.06	1168.73	18.3219	6.68438	53.8486	-0.012188
1.3261	70.815	83.7971	860.289	1168.8	18.6317	6.67858	53.844	-0.010825
1.3271	70.8784	83.7971	860.06	1170.24	18.8599	6.64844	53.8427	-0.011583
1.3281	70.815	84.3442	859.946	1171.19	19.0597	6.63084	53.8427	-0.010313
1.3291	71.088	83.9339	859.946	1171.19	19.1897	6.67989	54.0414	-0.010825
1.3301	70.8784	83.5236	860.631	1172.83	19.4308	6.71094	53.8933	-0.009375
1.3311	70.8784	83.9339	859.718	1172.01	19.3778	6.70344	53.8427	-0.010938
1.3321	70.5419	82.9785	860.174	1173.24	19.455	6.70084	54.0414	-0.011583
1.3331	70.8784	83.25	860.631	1173.38	19.7485	6.69844	54.4855	-0.010938
1.3341	70.4053	84.2074	860.631	1173.92	19.773	6.69406	54.2387	-0.012188
1.3351	70.815	83.8603	860.403	1173.85	19.8833	6.69812	54.4381	-0.010938
1.3361	70.8784	83.1133	860.86	1175.43	19.7322	6.69719	54.2387	-0.011875
1.3371	70.9515	83.8603	860.631	1175.58	19.7811	6.69158	54.8335	-0.008438
1.3381	70.4053	83.5236	860.517	1175.56	19.5284	6.68844	54.5842	-0.010825
1.3391	70.815	83.7971	859.489	1177.75	19.4832	6.68375	54.3888	-0.013125
1.3401	70.8784	83.5236	858.461	1177.2	18.9859	6.68489	54.5842	-0.011583
1.3411	70.8784	83.1133	858.461	1177.2	18.2241	6.68489	54.5842	-0.010938
1.3421	71.2246	83.5236	857.89	1177.75	18.2883	6.67875	54.4381	-0.011583
1.3431	70.815	83.1133	858.083	1178.16	18.1486	6.67344	54.8829	-0.0125
1.3441	70.5419	83.25	858.083	1179.25	18.4931	6.67084	54.8829	-0.01125
1.3451	70.9515	82.9785	854.82	1179.93	18.6072	6.68844	54.7815	-0.010313
1.3461	70.4053	83.9339	854.235	1182.12	18.7091	6.67082	54.8829	-0.012188
1.3471	70.1323	83.5236	852.838	1182.86	18.7862	6.65158	54.5842	-0.01125
1.3481	70.8784	83.25	851.494	1183.21	18.9251	6.61658	54.7815	-0.010938
1.3491	70.4053	83.1133	850.923	1183.48	18.754	6.58989	54.8309	-0.010313
1.3501	70.4053	83.8603	850.009	1184.3	18.9007	6.58094	54.7322	-0.009888
1.3511	70.8784	83.5236	849.438	1183.76	18.8438	6.65812	55.0283	-0.010313

1.3521	70.815	83.1133	848.624	1183.78	18.6317	6.64781	54.8309	-0.011583
1.3531	70.6784	83.5236	847.839	1182.88	18.7376	6.63969	54.4361	-0.011875
1.3541	70.6784	83.25	846.925	1184.85	18.5828	6.63989	54.8309	-0.012813
1.3551	70.4053	83.7971	846.468	1185.87	18.3871	6.63837	55.1763	-0.010319
1.3561	70.815	83.5236	846.011	1186.9	18.3463	6.63969	54.8309	-0.012188
1.3571	70.6784	83.5236	845.783	1187.45	18.1833	6.64156	54.7322	-0.010313
1.3581	70.9515	83.7971	844.07	1187.88	17.8531	6.62656	54.8629	-0.011875
1.3591	70.6419	83.7971	843.042	1188.13	17.7186	6.62719	54.7322	-0.011875
1.3601	70.6419	83.7971	841.785	1189.22	17.4415	6.62594	55.0283	-0.010938
1.3611	70.6419	83.9339	840.072	1189.22	17.2866	6.62656	54.8309	-0.010938
1.3621	70.9515	83.7971	838.473	1189.22	17.2947	6.62656	54.9296	-0.009063
1.3631	70.4053	83.6803	838.303	1189.77	17.5311	6.61969	54.7322	-0.009063
1.3641	70.9515	83.5236	834.247	1188.87	18.0284	6.61844	54.3374	-0.011875
1.3651	70.815	84.0708	831.82	1190.04	18.1018	6.61969	54.8309	-0.011875
1.3661	70.6784	83.5236	830.935	1190.31	18.2893	6.61969	55.127	-0.010313
1.3671	70.4053	83.6803	829.564	1191.41	18.33	6.62281	54.6829	-0.012813
1.3681	70.9515	83.5236	828.193	1191.95	18.5828	6.62719	54.9789	-0.009375
1.3691	70.6784	83.5236	825.566	1192.23	18.7296	6.61344	54.6829	-0.010938
1.3701	70.6784	83.3869	823.626	1192.36	18.6031	6.58594	54.5348	-0.011583
1.3711	70.4053	83.6803	822.711	1192.36	18.6606	6.55969	54.4361	-0.0125
1.3721	70.6784	84.0708	821.797	1192.5	18.7336	6.55719	54.5842	-0.011875
1.3731	70.9515	83.5236	820.168	1191.85	18.6031	6.63219	54.2881	-0.012813
1.3741	71.2248	83.5236	818.596	1191.27	18.5501	6.61719	54.2367	-0.011875
1.3751	70.6419	83.5236	816.772	1190.04	18.3671	6.61156	53.7453	-0.014063
1.3761	70.815	83.7871	816.772	1188.87	18.3015	6.61094	54.1894	-0.011583
1.3771	70.6784	83.9339	814.944	1194.14	17.686	6.60812	54.4361	-0.010938
1.3781	70.6784	83.7971	816.858	1198.1	17.4252	6.60631	53.844	-0.011583
1.3791	70.815	83.5236	815.63	1190.72	17.1887	6.58969	53.9427	-0.010938
1.3801	70.1323	83.7971	810.033	1190.86	17.5383	6.59469	53.4866	-0.010938
1.3811	70.6784	83.25	809.348	1185.87	17.8208	6.58281	53.3505	-0.012188
1.3821	70.6784	83.6803	809.804	1192.5	17.7635	6.58188	53.2519	-0.012188
1.3831	70.6784	83.3869	809.233	1193.88	17.8898	6.59281	53.2519	-0.010938
1.3841	70.9515	83.6803	808.035	1188.92	17.8572	6.59281	53.2519	-0.012813
1.3851	70.1323	83.7971	805.35	1187.42	17.9836	6.59656	53.1532	-0.012188
1.3861	70.9515	83.3869	804.438	1188.8	18.0366	6.59812	52.7584	-0.012813
1.3871	70.9515	83.7871	800.324	1184.88	17.9877	6.58781	53.4866	-0.011583
1.3881	70.815	83.7871	798.283	1181.27	17.9877	6.59869	53.2025	-0.011875
1.3891	71.2248	83.5236	797.355	1197.14	18.0814	6.60312	53.1532	-0.0125
1.3901	70.4053	83.7971	798.725	1206.7	17.8817	6.60469	53.844	-0.010938
1.3911	70.6784	83.7971	797.583	1221.18	17.8328	6.58844	54.1894	-0.012188
1.3921	70.6784	84.3442	796.441	1231.56	17.898	6.57969	54.5348	-0.010938
1.3931	71.088	83.25	795.289	1230.88	17.7349	6.55062	55.1763	-0.011583
1.3941	70.815	83.3869	791.844	1224.32	17.4415	6.52969	55.0776	-0.011583
1.3951	70.6784	84.0708	786.504	1208.07	17.2947	6.57406	55.3243	-0.010825
1.3961	70.6784	83.6803	782.506	1193.32	17.3518	6.60469	54.6829	-0.010313
1.3971	71.088	83.6803	780.879	1179.93	17.0583	6.58844	53.7453	-0.012188
1.3981	70.6784	83.9339	778.395	1184.98	16.72	6.58219	53.6466	-0.012813
1.3991	70.9515	83.5236	780.565	1186.48	18.9483	6.58969	53.3505	-0.011583
1.4001	71.2248	83.5236	776.795	1212.03	18.9034	6.58844	52.4623	-0.012813
1.4011	70.9515	83.1133	776.453	1212.17	18.9849	6.58969	52.6104	-0.012188
1.4021	70.6784	83.5236	775.653	1210.39	17.4863	6.59156	52.413	-0.010938
1.4031	70.9515	83.25	774.74	1211.62	17.6738	6.59062	52.265	-0.011583

1.4041	70.8784	83.7971	777.024	1202.88	17.523	6.58875	52.0676	-0.010313
1.4051	70.815	84.0708	776.567	1200.42	17.8776	6.58938	52.2158	-0.011875
1.4061	70.4053	83.7971	775.539	1201.38	18.0284	6.58812	52.3143	-0.010313
1.4071	70.5419	82.9785	775.196	1210.94	17.8613	6.58781	52.4823	-0.010313
1.4081	70.815	83.5236	775.882	1222	18.0121	6.58219	52.4823	-0.01375
1.4091	70.5419	84.0708	778.186	1233.34	18.0886	6.58856	53.6486	-0.010313
1.4101	70.815	84.0708	780.585	1238.48	17.9224	6.58281	54.2881	-0.010838
1.4111	70.9515	84.0708	781.384	1218.04	17.9836	6.57989	53.8933	-0.011583
1.4121	70.8784	83.5236	777.252	1209.44	17.9713	6.57989	53.7948	-0.011583
1.4131	70.4053	83.9339	775.311	1193.86	17.886	6.57856	53.2519	-0.01125
1.4141	70.4053	83.7971	774.283	1189.77	17.8371	6.57344	52.8571	-0.010825
1.4151	70.8784	83.8803	772.912	1186.87	17.042	6.54531	52.7584	-0.010825
1.4161	70.8784	83.8803	772.912	1208.21	16.7159	6.52594	52.8597	-0.010825
1.4171	70.815	84.0708	774.511	1215.72	16.5447	6.50719	52.413	-0.012188
1.4181	71.2248	83.8803	772.912	1214.35	16.8056	6.56281	52.1663	-0.011583
1.4191	70.8784	83.5236	770.742	1206.98	16.9972	6.58083	52.413	-0.010313
1.4201	70.8784	83.8803	768.888	1200.42	17.0787	6.57166	52.266	-0.012813
1.4211	70.8784	83.5236	770.858	1203.7	17.1843	6.57469	52.7091	-0.011583
1.4221	70.815	83.7971	774.054	1210.25	17.4252	6.57219	52.561	-0.010313
1.4231	70.8784	83.7971	777.481	1222.55	17.4578	6.58989	52.7584	-0.011583
1.4241	70.8784	83.7971	780.45	1220.36	17.4741	6.58594	52.4823	-0.010825
1.4251	70.9515	83.5236	777.709	1207.25	17.5067	6.58219	52.561	-0.010838
1.4261	70.5419	83.7971	773.597	1197.88	17.5026	6.55719	52.3143	-0.010838
1.4271	70.8784	83.5236	773.94	1187.88	17.523	6.55437	52.0182	-0.012188
1.4281	70.8784	83.5236	774.74	1185.94	17.4863	6.55489	51.7715	-0.011583
1.4291	70.4053	83.8803	776.11	1194.88	17.4128	6.55906	51.2287	-0.010838
1.4301	70.8784	83.7971	779.879	1202.2	17.3988	6.58489	50.982	-0.011583
1.4311	70.815	83.5236	780.108	1204.85	17.384	6.58781	50.8833	-0.012188
1.4321	70.9515	83.5236	777.938	1202.61	17.2285	6.58938	51.2287	-0.010838
1.4331	70.8784	83.5236	775.653	1197.14	17.0909	6.58844	50.8833	-0.010838
1.4341	70.4053	83.5236	777.481	1198.32	17.0746	6.57281	51.2781	-0.01125
1.4351	71.3611	83.25	781.022	1199.05	16.9116	6.5875	51.4261	-0.0125
1.4361	70.815	84.3442	783.649	1207.25	16.8018	6.58531	51.8702	-0.013125
1.4371	70.5419	83.25	787.304	1217.36	16.4061	6.58437	52.2158	-0.010825
1.4381	71.088	84.2074	788.788	1208.21	16.4428	6.54489	52.4823	-0.011583
1.4391	70.9515	84.3442	783.649	1183.21	16.4143	6.51062	52.3143	-0.010313
1.4401	70.4053	83.7971	776.11	1187.78	16.867	6.48167	52.4823	-0.010313
1.4411	70.8784	84.0708	779.308	1190.72	16.8993	6.48312	52.0676	-0.008438
1.4421	70.8784	83.7971	789.245	1189.77	16.9075	6.55219	51.8728	-0.014063
1.4431	70.4053	83.8803	788.903	1218.18	17.0481	6.53406	52.0676	-0.010838
1.4441	70.8784	83.5236	791.988	1218.18	17.2888	6.53825	52.0676	-0.010313
1.4451	70.815	83.7971	782.558	1203.97	17.0705	6.53989	51.9889	-0.010838
1.4461	70.815	83.5236	786.847	1199.8	17.1317	6.52968	51.9889	-0.011875
1.4471	70.815	83.9339	787.075	1190.86	17.3762	6.52688	51.8728	-0.01125
1.4481	70.5419	83.5236	792.101	1186.49	17.2132	6.53312	51.8728	-0.011583
1.4491	71.088	84.0708	795.758	1191.41	17.0828	6.53219	51.9889	-0.010313
1.4501	70.4053	83.7971	788.497	1212.17	17.1439	6.52844	51.8728	-0.011583
1.4511	70.8784	83.5236	803.751	1291.93	17.0257	6.53094	51.9889	-0.012188
1.4521	69.8592	83.3868	826.594	1254.23	16.8362	6.52906	51.9889	-0.010625
1.4531	70.1323	83.5236	806.806	1186.22	16.7485	6.52219	52.1189	-0.014063
1.4541	70.1323	83.1133	775.882	1147.7	16.6262	6.52856	52.8571	-0.012188
1.4551	70.815	83.7971	787.875	1178.43	16.4795	6.52437	52.6597	-0.010838

1.4561	70.8784	83.5236	812.888	1208.21	16.1208	6.52218	52.413	-0.012188
1.4571	70.815	83.7971	813.459	1238.53	16.7807	6.52344	52.265	-0.010938
1.4581	70.9515	83.1133	807.634	1245.49	16.8681	6.52187	52.1683	-0.010313
1.45911	70.815	83.3888	809.89	1222.27	15.8029	6.52406	52.265	-0.010313
1.46011	70.8784	83.7971	802.495	1205.47	15.9486	6.52218	52.0182	-0.011563
1.46111	70.815	83.7971	795.07	1188.1	16.0271	6.51813	51.8702	-0.01125
1.46211	70.8784	83.5236	807.292	1192.91	16.1697	6.48806	51.8688	-0.011875
1.46311	70.4053	83.7971	824.539	1199.74	16.2431	6.48844	52.1683	-0.00875
1.46411	70.8784	83.9339	821.797	1212.03	16.3248	6.44094	51.6728	-0.012188
1.46511	70.8784	83.5236	815.173	1215.72	16.3328	6.46312	51.8702	-0.010625
1.46611	70.5419	83.6603	813.802	1213.53	16.4265	6.52219	51.9195	-0.010313
1.46711	70.815	83.7971	814.467	1212.3	16.4265	6.48869	51.8702	-0.010313
1.46811	70.5419	83.25	816.086	1208.21	16.3817	6.50344	51.8728	-0.010625
1.46911	70.8784	83.7971	819.284	1202.74	16.3613	6.48937	51.3768	-0.013438
1.47011	70.8784	83.6603	823.853	1203.29	16.3491	6.48594	51.4754	-0.009688
1.47111	70.4053	83.7971	824.995	1205.06	16.292	6.48031	51.8728	-0.012813
1.47211	70.4053	84.481	824.539	1206.98	16.2676	6.48489	51.8728	-0.011563
1.47311	70.4053	83.5236	820.884	1207.25	16.1167	6.47869	51.8728	-0.011875
1.47411	70.4053	83.7971	823.168	1221.45	16.023	6.476	51.8702	-0.00875
1.47511	70.9515	83.7971	827.737	1205.75	16.8252	6.47344	52.2158	-0.01125
1.47611	70.8784	83.5236	824.767	1195.78	16.7784	6.46869	52.7584	-0.012188
1.47711	70.9515	83.9339	822.597	1204.38	16.5685	6.46719	52.413	-0.010938
1.47811	69.8592	84.2074	830.478	1202.88	15.4523	6.47489	52.3143	-0.010938
1.47911	69.9958	83.7971	830.82	1204.83	15.5176	6.47344	52.1683	-0.011563
1.48011	71.2246	83.6603	826.893	1225.98	15.7214	6.47219	52.4823	-0.010313
1.48111	70.8784	83.7971	836.874	1282.98	15.9089	6.48844	51.9195	-0.010625
1.48211	70.8784	83.6603	844.889	1208.34	16.0028	6.46489	51.8702	-0.011563
1.48311	70.8784	83.5236	822.026	1179.8	16.1534	6.46406	51.8728	-0.014063
1.48411	71.088	83.7971	817.114	1197.96	16.2757	6.46719	51.8728	-0.011875
1.48511	70.9515	83.9339	849.688	1206.18	16.3205	6.47094	51.3768	-0.007813
1.48611	70.5419	83.6603	849.21	1210.84	16.3854	6.46344	51.2781	-0.012188
1.48711	71.2246	83.6603	835.503	1236.75	16.4551	6.44219	51.2287	-0.010313
1.48811	71.4977	83.3888	845.555	1223.37	16.4489	6.40906	50.982	-0.012813
1.48911	70.815	83.25	849.895	1194.68	16.4489	6.38906	50.4885	-0.011563
1.49011	71.2246	83.7971	835.96	1197.14	16.4306	6.42375	50.8833	-0.01125
1.49111	70.8784	83.7971	843.158	1188.67	16.4061	6.45875	50.2418	-0.011875
1.49211	70.8784	83.6603	860.06	1188.67	16.3854	6.45094	50.2418	-0.010938
1.49311	70.9515	83.6603	861.088	1201.38	16.2594	6.45375	50.0838	-0.011563
1.49411	70.815	83.7971	853.321	1214.9	16.1208	6.44719	50.4885	-0.01125
1.49511	70.9515	84.3442	858.405	1236.21	16.0087	6.44658	50.1825	-0.010938
1.49611	70.8784	83.1133	863.373	1202.88	15.8559	6.44887	50.2912	-0.010313
1.49711	70.4053	83.5236	847.839	1213.53	15.6154	6.44438	50.5872	-0.012188
1.49811	70.4053	83.5236	854.892	1219.54	15.4846	6.44438	51.0313	-0.010313
1.49911	70.4053	83.7971	868.799	1188.67	15.3464	6.44406	50.982	-0.010313
1.50011	70.4053	83.7971	864.349	1199.87	15.0203	6.43781	51.2287	-0.010313
1.50111	70.5419	83.6603	853.684	1213.26	14.7227	6.43844	51.2781	-0.010625
1.50211	70.8784	83.6603	861.431	1183.78	14.8613	6.43344	50.8833	-0.010313
1.50311	70.815	84.2074	860.923	1185.94	14.8754	6.43125	50.6858	-0.010838
1.50411	70.9515	83.7971	847.839	1172.97	14.8082	6.42719	49.7977	-0.01125
1.50511	70.815	84.0708	858.52	1154.28	15.0814	6.43219	49.2056	-0.010625
1.50611	70.8784	83.9339	859.718	1158.44	15.1874	6.43406	48.3174	-0.010938
1.50711	70.8784	83.6603	859.803	1148.11	15.2159	6.42937	47.3305	-0.0125

1.50811	70.8515	83.5236	859.375	1151.8	15.2404	6.43158	46.1462	-0.013438
1.50911	70.8784	83.5236	867.941	1164.64	15.2037	6.42969	45.3074	-0.012188
1.51011	70.815	83.9339	871.025	1156.44	15.4034	6.42531	44.7152	-0.011875
1.51111	70.8784	83.5236	865.885	1187.45	15.3382	6.42344	44.3205	-0.011563
1.51211	71.2248	83.5236	877.536	1188.4	15.1507	6.40858	44.1724	-0.012813
1.51311	70.4053	83.7971	879.708	1169.55	15.3178	6.37281	44.4685	-0.011125
1.51411	70.4053	83.6603	888.827	1165.46	15.379	6.35219	44.8139	-0.010825
1.51511	70.8784	83.1133	873.424	1182.53	15.0898	6.34844	44.8139	-0.011563
1.51611	70.8784	83.7971	886.901	1162.45	15.0529	6.41094	45.0808	-0.010313
1.51711	70.8784	83.7971	875.987	1158.83	15.1059	6.39812	45.3567	-0.011563
1.51811	70.8784	83.3868	871.596	1156.44	14.8491	6.39719	45.3567	-0.008125
1.51911	70.5419	83.7971	881.191	1142.24	14.7023	6.3875	45.3074	-0.012188
1.52011	70.5419	83.5236	882.904	1152.07	14.7513	6.38719	45.3074	-0.011563
1.52111	70.8784	83.7971	882.561	1165.05	14.5878	6.38887	45.1693	-0.011563
1.52211	70.8784	83.3868	886.901	1162.88	14.6534	6.38219	45.2087	-0.010313
1.52311	70.4053	83.7971	890.442	1162.31	14.9308	6.37719	44.8633	-0.011563
1.52411	70.4053	83.5236	887.815	1166.28	14.8898	6.37313	44.8619	-0.010938
1.52511	70.4053	83.7971	887.016	1166.28	15.0284	6.37094	44.8619	-0.0125
1.52611	70.815	84.3442	890.671	1166.14	15.2587	6.37083	45.3567	-0.012813
1.52711	70.8784	83.5236	891.699	1170.92	15.3138	6.37344	45.8502	-0.011875
1.52811	70.1323	83.5236	889.871	1167.91	15.3219	6.36989	46.2943	-0.010625
1.52911	70.8784	83.6603	887.815	1161.38	15.4483	6.36594	46.7384	-0.009063
1.53011	70.5419	83.9339	886.216	1144.97	15.3994	6.36582	46.541	-0.010938
1.53111	70.8784	83.7971	882.561	1133.5	15.485	6.35469	46.541	-0.009063
1.53211	70.4053	83.7971	882.104	1123.66	15.5787	6.30969	46.1462	-0.007188
1.53311	69.8592	83.5236	883.247	1119.84	15.5013	6.27469	45.4554	-0.010313
1.53411	70.5419	83.5236	885.074	1118.74	15.5685	6.24656	44.9126	-0.010938
1.53511	70.2688	83.5236	885.988	1119.56	15.5094	6.22094	44.2711	-0.010313
1.53611	70.8515	82.9785	885.845	1118.08	15.4197	6.19937	43.5803	-0.010313
1.53711	70.8515	84.2074	886.216	1112.73	15.4523	6.18344	42.8895	-0.012188
1.53811	70.4053	83.6603	886.673	1103.88	15.3545	6.15781	42.1493	-0.010313
1.53911	70.8784	83.25	887.13	1095.66	15.2037	6.11437	41.8559	-0.010313
1.54011	70.4053	83.7971	888.272	1088.92	15.2975	6.07781	40.7675	-0.009375
1.54111	70.4053	83.5236	888.729	1080.23	15.0284	6.04489	40.1262	-0.010625
1.54211	70.4053	83.5236	889.871	1074.77	14.5838	6.08781	39.7808	-0.012813
1.54311	69.9958	83.7971	889.529	1070.67	14.9308	6.11156	39.238	-0.012813
1.54411	70.4053	83.5236	889.757	1065.07	14.8572	6.09281	38.5471	-0.011563
1.54511	70.5419	83.25	889.643	1058.92	13.8627	6.08469	38.7839	-0.010313
1.54611	70.2688	83.1133	888.501	1052.37	13.9524	6.06969	38.2511	-0.010313
1.54711	70.4053	83.7971	888.501	1044.44	14.4883	6.06969	37.8583	-0.010625
1.54811	70.5419	83.6603	888.044	1037.07	14.0178	6.06887	37.4122	-0.010938
1.54911	70.815	83.6603	887.815	1022.04	13.8219	6.05594	37.2148	-0.012188
1.55011	70.4053	83.5236	883.475	1013.58	14.311	6.04375	37.0868	-0.011875
1.55111	70.8784	84.3442	883.475	1026.96	14.307	6.03719	36.8201	-0.011563
1.55211	70.2688	83.6603	891.699	1030.1	19.932	6.03312	36.4747	-0.010938
1.55311	69.8592	83.5236	890.556	1030.78	14.2866	6.02408	36.9188	-0.011563
1.55411	70.8784	83.6603	883.475	1016.03	14.2621	6.01687	36.7707	-0.011563
1.55511	70.4053	83.6603	877.982	995.957	14.0178	6.01937	36.5733	-0.01125
1.55611	70.5419	84.2074	875.708	981.478	14.1969	6.01156	36.872	-0.011563
1.55711	70.8784	83.5236	874.586	1000.46	14.0629	6.00344	36.872	-0.010313
1.55811	70.5419	83.7971	886.102	1025.32	13.9972	5.99969	36.524	-0.011563
1.55911	70.4053	83.6603	893.183	1039.25	14.0706	5.99158	36.5733	-0.013438

1.56011	70.4053	83.5236	887.13	1044.03	13.9687	5.99281	36.672	-0.012813
1.56111	70.4053	83.5236	878.908	1025.05	13.8015	5.98875	36.9188	-0.011583
1.56211	70.2688	83.7871	874.108	941.734	13.7649	5.98187	37.0688	-0.012813
1.56311	70.4053	83.7871	844.755	830.283	13.5837	5.98158	37.3628	-0.013125
1.56411	69.8592	83.6803	803.522	889.619	13.5081	5.9725	37.3628	-0.011563
1.56511	70.4053	83.7871	843.956	835.883	13.3613	5.97281	37.3628	-0.010938
1.56611	69.8592	83.7871	855.948	812.527	13.3165	5.95563	37.0688	-0.008375
1.56711	70.4053	83.6803	827.737	806.162	13.292	5.92719	36.4747	-0.0125
1.56811	70.6784	83.5236	808.949	810.089	13.129	5.89844	35.7345	-0.010938
1.56911	70.4053	83.5236	819.284	848.312	13.4714	5.89219	34.8958	-0.012188
1.57011	70.2688	83.6803	859.261	980.038	13.7404	5.85989	33.9087	-0.011583
1.57111	70.1323	83.6803	944.924	1028.48	13.8283	5.83584	32.7245	-0.010313
1.57211	70.4053	83.6803	989.489	959.08	13.7689	5.83887	32.1817	-0.01125
1.57311	70.4053	84.0706	928.421	933.403	14.0178	5.82594	31.8858	-0.012188
1.57411	70.4053	84.0706	864.515	938.458	14.0502	5.82469	31.6402	-0.0125
1.57511	70.4053	84.0706	877.079	915.101	14.086	5.91687	31.5895	-0.01375
1.57611	70.4053	83.6803	907.232	903.784	14.4415	5.91658	32.8725	-0.011875
1.57711	70.6784	83.7871	905.882	911.549	14.2744	5.90719	33.0899	-0.011583
1.57811	70.4053	83.5236	893.089	919.808	14.5719	5.90344	33.7114	-0.010313
1.57911	70.2688	84.0706	874.338	911.14	14.8618	5.89489	33.6127	-0.012188
1.58011	70.4053	83.3888	849.095	934.359	14.5087	5.89408	34.2541	-0.011875
1.58111	70.4053	83.7871	882.345	925.344	14.8124	5.88989	34.5995	-0.011583
1.58211	70.6784	83.6803	885.302	928.078	14.8654	5.88489	34.8943	-0.010938
1.58311	70.2688	83.7871	889.188	956.485	14.7064	5.87687	35.5371	-0.010313
1.58411	70.815	84.0706	883.018	964.133	15.0203	5.87531	35.8332	-0.009375
1.58511	70.4053	83.5236	875.837	936.817	14.9102	5.86844	35.7836	-0.014888
1.58611	70.1323	83.3888	860.88	907.315	14.8185	5.86844	37.2842	-0.011875
1.58711	70.4053	83.8339	841.8	878.179	15.0244	5.86882	37.8583	-0.01125
1.58811	70.4053	83.7871	830.708	859.238	14.898	5.86908	38.2017	-0.011875
1.58911	70.6784	83.5236	830.021	881.882	14.8328	5.86719	39.0408	-0.011583
1.59011	70.2688	83.5236	851.38	880.058	14.7472	5.86281	39.0408	-0.013125
1.59111	70.1323	83.1133	830.582	797.776	14.1235	5.86125	39.5834	-0.011583
1.59211	70.2688	84.0706	790.616	841.483	14.0053	5.85844	39.8301	-0.010938
1.59311	70.4053	83.6803	816.315	825.912	14.0084	5.85469	39.7808	-0.011875
1.59411	70.6784	83.7871	834.133	810.479	14.1439	5.85219	39.8327	-0.010938
1.59511	70.2688	83.7871	826.388	818.284	14.2051	5.84158	39.386	-0.013438
1.59611	70.1323	83.6803	827.051	836.748	14.038	5.80887	38.3488	-0.014375
1.59711	70.2688	83.6803	842.357	847.482	14.2458	5.78844	38.2511	-0.011875
1.59812	70.2688	83.7871	848.753	870.711	14.2703	5.78281	37.3628	-0.011583
1.59912	69.8592	83.8339	859.946	812.232	14.0828	5.84719	36.2773	-0.011875
1.60012	69.8592	83.8339	888.729	811.413	14.4252	5.83719	35.4384	-0.010938
1.60112	70.6784	83.5236	893.412	802.945	14.1195	5.83084	34.4515	-0.010938
1.60212	70.4053	83.8339	868.627	887.101	13.9687	5.82844	33.81	-0.010938
1.60312	70.4053	83.6803	847.839	855.687	13.7893	5.82489	33.2179	-0.012813
1.60412	70.9515	83.8339	841.214	820.722	13.9034	5.82406	33.1192	-0.011583
1.60512	69.8592	83.5236	822.711	799.689	13.7445	5.82062	32.8232	-0.0125
1.60612	70.4053	84.2074	798.04	788.218	13.3329	5.82188	33.0205	-0.012188
1.60712	70.4053	83.7871	785.019	804.488	13.1045	5.81489	32.2804	-0.015313
1.60812	70.4053	83.6803	798.487	815.258	13.129	5.81312	32.5271	-0.01375
1.60912	69.8592	83.7871	809.233	811.435	12.97	5.81344	32.8218	-0.012188
1.61012	70.4053	83.6803	807.834	810.089	12.8355	5.81281	31.8363	-0.012813
1.61112	70.4053	83.5236	809.005	809.386	12.7948	5.81437	31.9348	-0.011583

1.81212	70.4053	84.2074	813.117	814.188	12.701	5.80813	31.8383	-0.010938
1.81312	70.4053	83.7971	820.884	817.171	12.4727	5.80989	32.0338	-0.013125
1.81412	70.4053	84.3442	826.584	818.781	12.3708	5.80594	31.8858	-0.010938
1.81512	70.4053	83.5238	825.452	815.122	12.3871	5.80489	31.8862	-0.012813
1.81612	70.2888	83.5238	818.599	851.453	12.1793	5.80856	31.4415	-0.010938
1.81712	70.8784	83.7971	831.163	872.897	12.2282	5.80594	31.1454	-0.010313
1.81812	70.4053	84.0708	839.387	858.985	12.2404	5.80281	30.3559	-0.015313
1.81912	70.8784	83.5238	830.021	841.619	12.5865	5.80281	30.5533	-0.013438
1.82012	70.4053	83.9339	814.031	820.995	12.7092	5.80219	31.0467	-0.013125
1.82112	70.4053	83.9339	801.695	783.133	12.7862	5.79844	30.852	-0.012813
1.82212	70.815	83.5238	790.273	784.177	12.9458	5.80219	31.0981	-0.012188
1.82312	69.8582	83.7971	772.912	748.334	13.1818	5.80281	31.1454	-0.01125
1.82412	70.4053	83.5238	759.663	759.28	13.2024	5.79719	31.1454	-0.012813
1.82512	70.1323	84.0708	767.886	788.03	13.1881	5.77094	31.4908	-0.012188
1.82612	70.815	82.8398	785.704	787.388	13.2678	5.74989	31.4908	-0.013438
1.82712	70.1323	83.8603	788.103	785.211	13.4143	5.73344	31.4415	-0.010938
1.82812	70.4053	83.9339	790.273	781.387	13.2717	5.76312	31.5402	-0.01125
1.82912	70.8784	83.9339	792.101	785.484	13.3165	5.80158	31.3428	-0.016583
1.83012	70.815	83.8603	799.411	785.181	13.4838	5.79281	31.8349	-0.012188
1.83112	70.4053	84.2074	808.434	801.054	13.288	5.79856	32.7245	-0.011875
1.83212	70.4053	83.7971	815.744	801.328	13.4308	5.79219	32.4284	-0.010938
1.83312	70.2888	83.25	814.259	833.688	13.398	5.78889	32.6751	-0.012813
1.83412	70.4053	83.9339	824.881	864.019	13.3939	5.79031	32.4777	-0.013125
1.83512	70.2888	83.3888	832.782	848.858	13.4795	5.78719	32.379	-0.014063
1.83612	70.1323	83.5238	818.371	854.185	13.1371	5.78281	32.1817	-0.011583
1.83712	70.4053	83.8603	817.885	906.223	13.504	5.78158	32.5784	-0.01125
1.83812	70.4053	84.0708	842.585	881.424	13.3002	5.77719	32.7245	-0.010938
1.83912	70.4053	83.5238	816.429	813.21	12.9007	5.77531	33.3188	-0.012813
1.84012	70.2888	83.5238	774.188	799.882	12.7377	5.77584	33.7114	-0.010825
1.84112	70.4053	83.5238	788.8	802.42	12.7458	5.77989	34.3035	-0.012813
1.84212	70.815	83.5238	790.958	815.889	12.7082	5.77844	34.8463	-0.012188
1.84312	69.9858	83.7971	791.872	819.803	12.5824	5.77531	34.9943	-0.012813
1.84412	70.4053	83.5238	778.11	844.488	12.8111	5.77989	35.4384	-0.012813
1.84512	70.1323	84.0708	785.382	857.589	12.8885	5.77908	36.1786	-0.011875
1.84612	70.2888	83.5238	792.786	864.838	13.0393	5.77989	36.7707	-0.012813
1.84712	70.4053	83.5238	788.847	870.185	13.1453	5.78094	37.3136	-0.011583
1.84812	70.1323	83.5238	782.786	885.248	13.288	5.77989	37.7578	-0.012188
1.84912	70.4053	84.2074	805.238	882.243	13.3572	5.78094	37.8583	-0.012188
1.85012	69.8582	83.5238	803.294	907.179	13.4082	5.77989	37.955	-0.010938
1.85112	70.4053	83.8603	815.401	930.534	13.4082	5.77582	37.4122	-0.011875
1.85212	70.8784	83.7971	836.417	911.413	13.4308	5.77989	37.1655	-0.012813
1.85312	70.4053	83.7971	826.252	893.657	13.4877	5.77594	37.1655	-0.012813
1.85412	70.8784	83.5238	802.809	879.453	13.5407	5.75437	36.4747	-0.011875
1.85512	70.4053	83.3888	785.019	858.148	13.4308	5.73344	36.3288	-0.012188
1.85612	70.4053	83.5238	779.994	826.459	13.2835	5.70889	36.4253	-0.011583
1.85712	70.4053	83.5238	772.341	802.42	13.5529	5.69489	36.2773	-0.012188
1.85812	69.7227	83.7971	788.287	833.015	13.3491	5.75584	36.1292	-0.012813
1.85912	70.8784	83.25	783.849	855.824	13.1188	5.77719	35.7838	-0.014083
1.86012	70.4053	83.8603	788.818	864.702	13.1188	5.78889	35.8332	-0.010313
1.86112	70.2888	83.5238	772.912	880.272	13.0719	5.76989	35.5885	-0.012813
1.86212	70.4053	83.9339	778.851	882.731	13.0312	5.78594	35.4384	-0.010938
1.86312	70.4053	84.2074	785.07	884.086	12.8562	5.78583	35.4384	-0.013438

1.66412	70.4053	83.9339	801.238	886.555	12.8113	5.76825	36.1786	-0.011563
1.66512	70.4053	83.5236	801.467	887.101	12.8398	5.76375	35.8332	-0.010938
1.66612	70.4053	83.6603	803.522	889.423	12.3382	5.76489	35.9812	-0.01125
1.66712	70.4053	84.0706	803.879	897.637	12.2241	5.76281	35.9812	-0.01125
1.66812	69.6592	83.6603	823.054	949.929	12.2567	5.75969	36.0306	-0.01125
1.66912	70.815	83.9339	836.189	931.49	12.0955	5.75719	35.5885	-0.010938
1.67012	70.4053	83.7971	823.739	912.779	11.9836	5.75969	35.5885	-0.014063
1.67112	70.6784	83.9339	802.495	897.755	12.0182	5.75969	35.7345	-0.011563
1.67212	70.815	83.7971	785.362	873.718	12.0692	5.76156	36.0799	-0.012188
1.67312	70.6784	84.0706	778.11	842.188	12.6725	5.75969	36.524	-0.009053
1.67412	70.2898	84.2074	767.43	823.044	12.5135	5.75969	36.672	-0.013125
1.67512	70.4053	83.7971	766.059	882.79	12.7051	5.76281	37.4815	-0.010938
1.67612	70.4053	84.0706	781.136	877.131	12.6236	5.75969	37.0174	-0.011563
1.67712	70.1323	83.9339	775.539	883.111	12.5176	5.76437	37.1161	-0.01125
1.67812	70.4053	84.0706	767.886	906.223	12.7061	5.76344	37.2642	-0.012813
1.67912	70.1323	83.7971	779.994	907.589	12.7886	5.76437	37.2642	-0.01375
1.68012	70.6784	83.9339	784.167	912.232	12.97	5.76531	38.0537	-0.010938
1.68112	70.2898	83.6603	797.563	920.7	13.0882	5.76719	38.5965	-0.010938
1.68212	70.2898	83.7971	797.563	923.159	12.8274	5.76781	39.2873	-0.010938
1.68312	70.4053	84.3442	799.411	932.72	12.7988	5.76187	39.386	-0.012188
1.68412	70.9515	83.5236	802.038	983.255	12.8111	6.73875	36.8327	-0.009375
1.68512	70.5419	84.0706	811.748	984.075	12.8926	5.71781	39.5834	-0.013125
1.68612	71.088	83.7971	800.324	978.748	12.9823	6.69562	39.9781	-0.011875
1.68712	70.6784	82.9765	781.25	989.324	13.0352	6.70469	39.5834	-0.011663
1.68812	70.4053	83.5236	771.427	942.69	12.9252	6.77719	39.8794	-0.011663
1.68912	69.9958	83.6603	765.831	902.398	12.9415	5.76219	40.0768	-0.011663
1.69012	69.8582	83.7971	758.282	868.389	12.9089	5.76219	40.2249	-0.012613
1.69112	70.4053	83.5236	753.267	856.824	12.8274	5.75969	40.3235	-0.011663
1.69212	70.6784	82.9765	761.262	895.589	12.4846	5.75969	40.3235	-0.011663
1.69312	70.1323	83.6603	774.397	907.725	12.3464	6.75969	39.8794	-0.011875
1.69412	70.6784	83.7971	762.29	934.359	12.3831	5.75906	39.8901	-0.011663
1.69512	70.1323	83.25	758.663	952.251	12.1711	5.75719	39.534	-0.010313
1.69612	70.9515	83.5236	772.227	954.846	12.3871	5.75531	39.8327	-0.012188
1.69712	70.9515	83.6603	778.395	955.885	12.542	5.75489	39.8901	-0.011663
1.69812	70.4053	83.5236	779.537	950.339	12.5828	5.75281	40.0275	-0.01125
1.69912	70.4053	83.7971	782.963	936.854	12.6185	5.75888	40.0768	-0.011875
1.70012	70.6784	83.1133	782.963	947.744	12.7581	5.75406	39.9288	-0.010938
1.70112	70.5419	83.5236	781.364	942.28	12.864	5.75656	39.5834	-0.014063
1.70212	70.4053	83.5236	767.087	926.027	12.9089	5.75969	39.0406	-0.012813
1.70312	70.5419	83.25	758.749	932.173	12.9374	5.75906	38.8432	-0.0125
1.70412	70.5419	83.7971	788.518	891.472	12.9374	5.75969	38.3891	-0.012188
1.70512	70.6784	83.1133	754.837	888.75	12.8437	5.75594	37.8563	-0.011875
1.70612	70.4053	83.7971	745.5	843.122	12.9211	5.75906	37.7083	-0.009063
1.70712	70.6784	83.7971	745.5	817.991	12.9333	5.75812	37.0174	-0.012813
1.70812	70.4053	83.7971	744.243	880.194	12.9619	5.75719	36.8227	-0.012188
1.70912	70.4053	83.5236	760.805	939.412	13.0149	5.75969	36.0799	-0.012813
1.71012	70.5419	83.6603	779.422	932.583	12.9415	5.76719	35.7838	-0.012188
1.71112	70.4053	83.6603	755.437	942.417	12.8763	5.76812	35.5885	-0.010313
1.71212	70.6784	84.0706	748.414	939.549	12.6969	5.75562	35.5885	-0.011563
1.71312	70.4053	83.5236	756.008	917.896	12.6439	5.75312	35.6358	-0.013438
1.71412	70.6784	83.7971	755.884	911.14	12.5583	5.72406	36.1786	-0.013438
1.71512	70.5419	83.5236	752.124	918.515	12.5176	5.70219	36.7707	-0.011875

1.71612	70.6784	83.6603	756.236	914.281	12.4198	5.68469	37.6096	-0.010313
1.71712	70.6784	84.2074	754.18	944.739	12.2771	5.72687	37.955	-0.010313
1.71812	70.4053	83.5236	750.868	994.455	12.273	5.76375	37.9057	-0.012813
1.71912	70.4053	84.3442	755.094	993.635	12.11	5.74844	37.9057	-0.011875
1.72012	70.815	84.0708	748.469	986.26	11.8714	5.75219	37.5602	-0.012813
1.72112	70.6784	83.9339	741.502	967.275	11.8166	5.74989	37.5602	-0.014375
1.72212	70.4053	83.3868	738.19	928.847	11.7024	5.74844	37.4122	-0.010938
1.72312	70.5419	84.0708	732.251	888.555	11.6045	5.74469	37.4615	-0.013125
1.72412	70.5419	83.6603	724.027	858.965	11.5026	5.74594	37.3135	-0.012813
1.72512	70.6784	84.0708	721.171	873.308	11.4007	5.74469	37.4615	-0.011875
1.72612	70.815	83.7971	734.078	908.408	11.7268	5.74594	37.2148	-0.014063
1.72712	70.815	83.6603	740.017	928.078	11.8817	5.74408	37.4122	-0.010938
1.72812	70.5419	83.9339	732.022	982.788	11.8858	5.74219	37.6589	-0.009375
1.72912	70.4053	83.9339	735.906	972.875	11.9795	5.73969	37.807	-0.011563
1.73012	70.2688	83.5236	742.987	972.738	11.9184	5.74125	38.2511	-0.011563
1.73112	70.4053	83.9339	739.675	987.138	12.0488	5.74469	38.1886	-0.012188
1.73212	70.4053	83.6603	738.875	957.987	12.1059	5.74437	38.8301	-0.010938
1.73312	71.2248	83.7971	742.987	945.558	12.0811	5.74408	40.1262	-0.011875
1.73412	70.4053	84.0708	741.16	981.818	12.3179	5.74125	40.6196	-0.012188
1.73512	70.4053	83.5236	745.957	1018.49	12.0937	5.74344	40.3235	-0.011875
1.73613	70.4053	83.6603	749.954	1024.37	11.9673	5.74563	40.3235	-0.012188
1.73713	70.4053	83.9339	737.276	1027.23	12.1548	5.74469	38.9288	-0.012813
1.73813	70.4053	83.5236	730.195	999.372	12.2037	5.74563	40.1262	-0.011563
1.73913	70.5419	83.5236	725.854	960.309	12.1898	5.74469	40.0275	-0.008436
1.74013	70.4053	83.7971	718.773	921.247	12.2323	5.74594	40.4222	-0.012813
1.74113	70.6784	83.6603	713.405	887.511	12.1507	5.74281	40.9157	-0.012188
1.74213	70.4053	83.5236	713.29	904.447	11.9958	5.74594	41.0144	-0.011563
1.74313	70.2688	83.5236	724.484	936.817	12.1548	5.73781	40.817	-0.011563
1.74413	70.4053	83.5236	727.453	954.163	12.1752	5.71219	40.6196	-0.011875
1.74513	70.5419	83.7971	717.631	983.118	11.9836	5.68469	40.4222	-0.011875
1.74613	70.6784	83.7971	723.227	989.538	11.841	5.68125	40.0275	-0.010938
1.74713	70.1323	83.5236	730.309	990.357	11.6067	5.72969	40.4222	-0.010313
1.74813	70.6784	83.5236	732.136	988.718	11.5393	5.75219	40.6196	-0.011563
1.74913	70.4053	83.9339	734.308	978.611	11.5026	5.74469	41.0144	-0.010938
1.75013	70.5419	83.6603	737.733	967.958	11.4374	5.74594	41.0144	-0.009063
1.75113	70.4053	83.7971	734.308	1005.79	11.6372	5.74375	40.817	-0.014063
1.75213	71.2248	83.5236	739.446	1039.94	11.7024	5.74594	40.7676	-0.011563
1.75313	70.6784	83.3868	742.073	1048.49	11.8166	5.74344	40.3235	-0.013125
1.75413	70.4053	83.9339	730.651	1048.36	11.8736	5.74156	40.2249	-0.010625
1.75513	70.6784	84.0708	725.854	1018.22	11.9958	5.74408	40.1262	-0.0125
1.75613	70.5419	83.3868	721.628	976.899	12.0325	5.73969	40.3235	-0.013125
1.75713	70.8515	84.0708	714.889	937.773	12.1589	5.73908	40.6196	-0.010625
1.75813	70.4053	83.5236	706.85	904.584	12.1958	5.73844	41.1624	-0.011563
1.75913	70.6784	84.0708	709.635	922.866	12.2363	5.73719	41.2117	-0.01125
1.76013	70.2688	83.7971	721.4	952.114	12.2893	5.73969	40.965	-0.0125
1.76113	70.4053	83.9339	723.57	971.236	12.3179	5.74156	40.6196	-0.011563
1.76213	70.4053	83.7971	716.28	988.142	12.2852	5.73844	40.3729	-0.010938
1.76313	70.815	83.6603	722.199	1005.65	12.3138	5.73969	40.5703	-0.011563
1.76413	70.815	83.7971	729.052	1007.16	12.3301	5.73969	40.4716	-0.011563
1.76513	70.4053	84.0708	728.938	1005.52	12.2975	5.74156	40.6196	-0.012813
1.76613	70.4053	83.5236	732.479	997.05	12.2445	5.74084	41.4091	-0.009688
1.76713	69.7227	83.7971	734.078	987.079	12.2649	5.73969	41.2117	-0.012188

1.78813	70.4053	83.7971	731.794	1024.37	12.2078	5.74281	41.2611	-0.011563
1.78913	70.4053	83.5236	738.076	1055.78	12.1548	5.74719	41.1624	-0.012813
1.77013	70.4053	83.5236	739.104	1015.22	12.1365	5.74719	40.817	-0.011563
1.77113	70.1323	83.7971	715.118	984.182	12.0468	5.74594	40.8196	-0.012813
1.77213	70.4053	83.9339	714.681	987.275	11.9714	5.73969	40.3729	-0.010938
1.77313	70.2888	83.5236	724.027	911.413	11.8895	5.71582	40.3235	-0.013125
1.77413	70.2888	84.2074	711.577	890.825	11.8063	5.69906	40.3235	-0.01375
1.77513	70.4053	84.2074	705.838	867.433	11.788	5.67906	40.7183	-0.0125
1.77613	70.9515	83.5236	713.29	879.726	11.6045	5.66969	39.6821	-0.011563
1.77713	70.6784	83.7971	722.885	834.085	11.4578	5.74281	39.2873	-0.011563
1.77813	70.6784	83.7971	734.078	1008.34	11.3844	5.7425	38.6456	-0.012813
1.77913	70.4053	84.3442	746.289	1023.68	11.3926	5.74281	38.3661	-0.010313
1.78013	70.1323	83.5236	739.56	1019.31	11.2499	5.74281	38.1524	-0.011875
1.78113	70.6784	83.5236	732.707	1012.48	11.2868	5.73937	38.0537	-0.012188
1.78213	70.4053	83.9339	738.076	988.035	11.4741	5.74469	38.7445	-0.012188
1.78313	70.4053	83.7971	740.931	974.241	11.5026	5.74156	38.6327	-0.010825
1.78413	70.4053	83.5236	738.418	977.655	11.5149	5.73719	40.1755	-0.014083
1.78513	70.4053	83.9339	738.781	1015.49	11.5801	5.74219	40.6196	-0.012813
1.78613	70.2888	83.5236	746.289	1049.77	11.6494	5.74094	41.3104	-0.012813
1.78713	70.4053	83.9339	739.446	1059.19	11.7187	5.73844	40.985	-0.010825
1.78813	70.4053	83.5236	724.141	1054.28	11.7798	5.73719	40.8196	-0.011563
1.78913	70.4053	83.7971	726.768	1024.5	11.8185	5.73469	40.2742	-0.013125
1.79013	70.5419	83.7971	729.052	984.757	11.9082	5.73594	40.0788	-0.011875
1.79113	70.5419	83.7971	721.971	948.838	11.9102	5.73688	40.0788	-0.010938
1.79213	70.4053	83.5236	719.687	914.418	11.8736	5.73531	40.1262	-0.0125
1.79313	70.6784	84.0708	721.742	927.256	11.898	5.73781	39.9268	-0.011875
1.79413	70.4053	83.5236	731.794	959.06	11.9562	5.73969	39.7314	-0.012813
1.79513	70.815	83.7971	735.677	978.884	11.898	5.73531	39.0406	-0.015625
1.79613	70.4053	83.25	733.65	1013.85	11.8817	5.73969	39.534	-0.013125
1.79713	70.6784	83.25	746.414	1029.89	11.9225	5.74344	39.8781	-0.012188
1.79813	70.4053	83.7971	752.353	1033.38	11.9102	5.74469	40.0788	-0.012813
1.79913	70.5419	83.7971	751.439	1028.87	11.8854	5.74969	40.7183	-0.012813
1.80013	70.5419	83.7971	750.868	1018.85	11.841	5.74594	41.5078	-0.012813
1.80113	70.6784	83.7971	752.81	1003.88	11.7839	5.74656	42.2873	-0.012188
1.80213	70.4053	83.7971	750.982	1038.8	11.7024	5.73438	42.5834	-0.011563
1.80313	70.9515	83.5236	757.378	1075.58	11.7146	5.71156	42.3467	-0.011563
1.80413	70.6784	83.6803	760.12	1082.26	11.5189	5.68969	42.1988	-0.010938
1.80513	70.6784	83.1133	749.041	1088.92	11.4883	5.68906	41.9028	-0.013125
1.80613	70.4053	83.9339	745.271	1059.08	11.3029	5.70469	41.3598	-0.011563
1.80713	70.4053	83.5236	739.903	1017.4	11.1276	5.75656	41.7545	-0.011875
1.80813	70.2888	83.5236	734.421	980.387	11.2051	5.73844	42.0013	-0.012188
1.80913	70.4053	83.7971	732.251	946.651	11.1989	5.74344	42.0508	-0.012188
1.81013	70.6784	83.5236	734.306	957.031	11.1969	5.74312	42.1988	-0.0125
1.81113	70.6784	84.0708	745.957	991.896	11.254	5.73969	42.0013	-0.012188
1.81213	70.815	83.5236	751.553	1008.39	11.3804	5.73969	41.6065	-0.011875
1.81313	70.4053	83.5236	745.157	1038.52	11.4883	5.73844	41.3598	-0.011563
1.81413	70.9515	83.5236	752.239	1044.31	11.4211	5.73719	41.3598	-0.010825
1.81513	69.8592	83.3868	768.777	1042.26	11.4619	5.73625	41.5078	-0.010825
1.81613	70.4053	83.1133	762.518	1038.8	11.6005	5.73531	41.4565	-0.012813
1.81713	70.9515	83.6803	766.402	1029.56	11.523	5.73187	41.3598	-0.015313
1.81813	70.4053	83.9339	770.399	1020.13	11.576	5.73531	42.1493	-0.013438
1.81913	70.2888	83.5236	768.572	1046.9	11.829	5.73219	42.5834	-0.01125

1.82013	70.4053	84.0706	772.798	1093.34	11.8372	5.73406	41.9026	-0.013438
1.82113	70.4053	83.8603	778.796	1100.03	11.5719	5.74094	41.7052	-0.011875
1.82213	70.4053	83.7971	766.831	1107.27	11.5556	5.73594	41.5078	-0.010313
1.82313	70.4053	83.9339	761.148	1085.23	11.5964	5.73812	41.3104	-0.0125
1.82413	70.1323	83.7971	758.835	1042.12	11.5719	5.73889	41.4091	-0.011563
1.82513	70.4053	83.7971	752.581	1003.47	11.4863	5.73806	41.7052	-0.014063
1.82613	70.6784	83.1133	747.327	987.411	11.4988	5.73656	42.4454	-0.012813
1.82713	70.4053	84.2074	748.013	987.275	11.4456	5.73906	42.9385	-0.010625
1.82813	69.7227	83.5236	757.378	1004.43	11.3111	5.73968	42.396	-0.015838
1.82913	70.6784	83.25	785.488	1020.88	11.3396	5.73969	42.6821	-0.012813
1.83013	70.1323	83.5236	759.663	1050.45	11.3029	5.73968	43.0375	-0.010838
1.83113	70.4053	83.5236	788.059	1061.24	11.2132	5.73937	42.2973	-0.011563
1.83213	70.9515	83.5236	773.369	1062.47	11.0787	5.72094	42.396	-0.012813
1.83313	70.4053	84.0706	776.882	1063.57	11.095	5.69719	42.6821	-0.010625
1.83413	70.4053	83.7971	780.222	1058.87	11.0339	5.67719	43.0375	-0.01375
1.83513	70.4053	84.0706	785.019	1045.4	10.769	5.68594	43.5803	-0.012188
1.83613	70.4053	83.5236	784.334	1061.83	10.8997	5.75094	43.679	-0.013125
1.83713	70.4053	83.7971	787.532	1113.01	10.72	5.73969	43.5803	-0.012813
1.83813	70.815	83.7971	795.07	1116.56	10.8385	5.74488	43.2349	-0.010938
1.83913	70.6784	83.7971	783.306	1084.33	10.72	5.73969	42.6934	-0.014063
1.84013	70.5419	83.9339	766.973	1043.08	10.8342	5.74167	42.6921	-0.013125
1.84113	70.5419	83.9339	767.43	1007.29	10.8546	5.74062	43.1362	-0.012188
1.84213	70.2688	83.5236	774.283	954.848	10.9524	5.74344	42.4947	-0.012188
1.84313	70.6784	83.7971	762.861	930.281	11.0013	5.74344	42.5834	-0.012813
1.84413	70.6784	83.5236	759.208	922.813	11.0135	5.73969	42.5834	-0.013125
1.84513	70.5419	83.9339	771.085	949.109	11.0991	5.73719	42.1	-0.012188
1.84613	70.4053	83.7971	780.336	987.079	11.146	5.73719	41.7052	-0.012188
1.84713	70.6784	83.7971	785.248	1077.91	11.1806	5.73469	41.0637	-0.010313
1.84813	70.5419	83.3868	807.863	1088.56	11.2418	5.73281	40.669	-0.010938
1.84913	70.4053	83.1133	802.38	1090.5	11.146	5.73312	40.6196	-0.012188
1.85013	70.6784	83.6603	769.616	1077.09	11.1806	5.73312	40.2249	-0.012188
1.85113	70.4053	83.9339	799.182	1048.54	11.2418	5.73844	41.3104	-0.011563
1.85213	70.5419	83.7971	803.066	1031.74	11.1603	5.73906	42.5441	-0.012188
1.85313	70.815	83.5236	798.497	1048.27	11.2622	5.73844	42.6821	-0.011563
1.85413	70.4053	83.5236	803.637	1099.82	11.2377	5.74344	43.0868	-0.01125
1.85513	70.6784	83.5236	813.802	1106.09	11.1603	5.73969	42.9882	-0.012188
1.85613	70.6784	84.2074	794.842	1118.74	11.1603	5.74219	42.9882	-0.011563
1.85713	70.1323	83.5236	782.049	1101.81	11.1643	5.74469	42.7906	-0.013438
1.85813	70.4053	83.5236	788.618	1061.11	11.0828	5.73844	42.5834	-0.010938
1.85913	70.815	83.5236	786.161	1023.98	11.0257	5.73969	42.4947	-0.0125
1.86013	70.4053	83.5236	779.308	989.811	10.9972	5.73969	42.5834	-0.0125
1.86113	70.2688	83.5236	781.364	964.407	10.9279	5.72344	42.396	-0.01125
1.86213	70.4053	83.25	785.362	997.733	10.8301	5.69675	42.4947	-0.014063
1.86313	70.4053	83.25	795.185	1014.4	10.7976	5.67969	42.7414	-0.010938
1.86413	70.1323	83.7971	782.786	1045.54	10.7526	5.67438	42.396	-0.011563
1.86513	70.4053	83.5236	798.268	1073.95	10.6752	5.73969	42.3467	-0.011563
1.86613	70.5419	84.0706	812.203	1085.96	10.5774	5.73856	42.6821	-0.012188
1.86713	70.4053	83.9339	815.173	1090.2	10.4714	5.73594	43.0868	-0.012813
1.86813	70.4053	84.0706	814.373	1083.1	10.4184	5.73312	44.1724	-0.010625
1.86913	69.9958	83.6603	815.744	1069.44	10.2676	5.73156	44.8633	-0.011563
1.87013	70.5419	83.5236	815.858	1065.2	10.078	5.73219	45.2087	-0.013125
1.87113	70.4053	83.9339	814.716	1114.37	10.0801	5.73094	45.3567	-0.011875

1.87213	70.4053	83.5236	824.082	1131.86	10.0312	5.72719	44.9619	-0.012188
1.87313	70.6784	83.9339	819.284	1144.58	10.1046	5.72687	44.7152	-0.014083
1.87413	70.4053	83.5236	809.119	1138.41	10.0719	5.72781	45.0113	-0.012813
1.87514	70.6784	83.5236	805.693	1102.9	10.235	5.72719	44.2711	-0.012813
1.87614	70.9515	83.9339	800.324	1083.02	10.3491	5.72719	44.5872	-0.0125
1.87714	71.2246	83.9339	793.928	1028.33	10.1535	5.72158	44.8833	-0.012188
1.87814	70.5419	83.7971	793.471	1000.48	10.2798	5.72594	45.258	-0.01125
1.87914	70.816	83.7971	797.355	1029.87	10.3613	5.72594	45.5541	-0.010938
1.88014	70.6784	83.5236	808.548	1064.14	10.2105	5.72658	45.3567	-0.011583
1.88114	69.9958	83.5236	807.408	1077.09	10.2431	5.72844	45.3567	-0.010825
1.88214	70.4053	84.0706	804.893	1098.8	10.2757	5.72989	44.8833	-0.009888
1.88314	70.2688	83.7971	816.086	1101.28	10.1942	5.72813	45.0113	-0.009083
1.88414	70.6784	83.9339	819.519	1101.28	10.3491	5.72437	45.11	-0.013125
1.88514	70.816	83.7971	822.254	1097.71	10.3613	5.72719	45.7021	-0.014083
1.88614	70.9515	83.7971	827.737	1088.58	10.1983	5.72844	45.9488	-0.011583
1.88714	70.6784	83.5236	829.107	1080.77	10.2024	5.72687	45.9982	-0.012188
1.88814	70.4053	83.5236	825.452	1118.74	10.1046	5.72837	46.1482	-0.011583
1.88914	70.1323	83.9339	831.392	1153.71	10.2798	5.72781	46.2943	-0.011875
1.89014	70.816	83.7971	832.991	1163.27	10.3165	5.71719	45.7515	-0.011875
1.89114	70.6784	84.0706	822.254	1187.23	10.1209	5.89094	45.3567	-0.011875
1.89214	70.4053	84.0706	818.599	1139.51	10.019	5.8725	45.0806	-0.012188
1.89314	70.5419	83.6603	814.944	1096.35	10.1412	5.85582	45.3567	-0.011583
1.89414	70.816	83.5236	807.834	1060.7	10.1331	5.85281	45.9982	-0.007813
1.89514	70.816	83.5236	803.751	1025.87	9.97412	5.72969	46.4916	-0.014083
1.89614	70.4053	83.9339	803.979	1033.24	9.96587	5.71594	47.1331	-0.012813
1.89714	70.6784	84.0706	815.287	1067.66	9.99042	5.71908	46.7877	-0.011583
1.89814	70.4053	83.7971	819.741	1083.78	9.92521	5.72219	46.7877	-0.010825
1.89914	70.4053	83.7971	814.487	1112.8	9.75809	5.71812	46.3436	-0.012188
1.90014	70.6784	83.5236	822.14	1119.84	9.76218	5.71844	46.2449	-0.011583
1.90114	70.6784	83.7971	827.508	1120.93	9.87629	5.71344	45.9982	-0.012813
1.90214	70.1323	83.5236	828.65	1120.79	9.9089	5.71281	46.8397	-0.013438
1.90314	70.6784	83.5236	832.306	1113.69	9.94966	5.71156	46.837	-0.013125
1.90414	70.9515	83.5236	834.475	1101.81	10.0475	5.71281	47.5279	-0.01375
1.90514	69.8582	83.5236	833.676	1117.38	10.1127	5.71219	47.5279	-0.007813
1.90614	70.6784	83.7971	833.219	1168.46	10.1372	5.71719	47.2318	-0.013438
1.90714	70.5419	83.7971	841.9	1176.11	10.2268	5.72158	47.0344	-0.011583
1.90814	70.6784	83.5236	832.534	1151.66	10.3002	6.72158	46.8864	-0.011875
1.90914	70.5419	83.7971	814.944	1100.85	10.2821	5.72094	46.5903	-0.011583
1.91014	70.4053	84.0706	812.68	1089.57	10.3267	5.71937	46.4423	-0.013438
1.91114	70.4053	83.5236	820.198	1015.76	10.3613	5.71989	46.541	-0.011583
1.91214	70.816	83.7971	809.119	988.285	10.4288	5.72094	46.837	-0.011583
1.91314	70.2688	83.9339	803.885	976.888	10.3899	5.71969	46.4916	-0.012813
1.91414	71.088	83.7971	813.346	1002.1	10.4288	5.71969	46.2449	-0.011583
1.91514	70.4053	83.6603	823.398	1034.61	10.4429	5.72219	45.5047	-0.0125
1.91614	70.2688	83.7971	828.193	1129.12	10.4225	5.72219	44.7846	-0.008063
1.91714	70.1323	83.9339	849.21	1146.61	10.398	5.72094	44.0737	-0.013125
1.91814	69.8582	83.5236	845.555	1137.87	10.4266	5.72281	44.4685	-0.011583
1.91914	70.1323	83.7971	831.848	1137.32	10.4306	5.72281	44.3898	-0.0125
1.92014	70.4053	83.5236	838.93	1109.18	10.4225	5.72219	45.258	-0.011583
1.92114	70.4053	84.2074	842.128	1091.43	10.4103	5.70469	46.1482	-0.011875
1.92214	70.5419	83.7971	837.331	1099.62	10.394	5.68281	46.4916	-0.011583
1.92314	70.6784	83.5236	838.702	1147.15	10.3491	5.68469	46.8864	-0.011583

1.92414	70.6784	83.7971	849.21	1165.73	10.3699	5.64908	46.837	-0.012188
1.92514	70.6784	83.7971	835.503	1176.69	10.2757	5.71906	46.541	-0.012613
1.92614	70.6784	83.7971	818.599	1163.82	10.1249	5.72719	46.3436	-0.012188
1.92714	70.6784	83.5236	822.254	1124.48	10.2717	5.71969	46.1462	-0.010313
1.92814	70.4053	83.7971	823.054	1088.15	10.3491	5.72187	45.8502	-0.012613
1.92914	70.4053	84.0706	817.457	1055.37	10.0662	5.72125	45.6502	-0.012613
1.93014	70.4053	84.2074	816.772	1020	9.77647	5.71969	45.5541	-0.010625
1.93114	70.4053	83.5236	819.741	1037.61	9.95761	5.71844	45.3567	-0.011563
1.93214	70.4053	83.7971	827.166	1064.83	10.0558	5.71781	45.0606	-0.0125
1.93314	70.5419	83.6603	829.336	1087.47	9.75401	5.71344	45.0113	-0.010313
1.93414	70.9515	83.5236	829.793	1121.34	9.7051	5.71094	45.11	-0.010838
1.93514	70.6784	83.5236	842.128	1137.67	9.81923	5.71094	45.3567	-0.011675
1.93614	70.6784	83.7971	847.154	1144.15	9.32603	5.70719	45.8502	-0.013125
1.93714	69.8592	83.5236	844.869	1139.64	9.30157	5.70844	46.8854	-0.012613
1.93814	69.8592	83.7971	843.956	1128.31	9.5176	5.70469	47.6266	-0.010838
1.93914	70.4053	84.2074	843.27	1113.28	9.3301	5.70437	48.12	-0.012613
1.94014	70.2688	84.3442	840.072	1140.05	9.59912	5.70719	48.4161	-0.0125
1.94114	70.4053	83.5236	844.184	1184.3	9.6195	5.70937	48.3174	-0.013438
1.94214	70.4053	83.5236	850.58	1192.77	9.49314	5.71219	47.9228	-0.012188
1.94314	70.4053	83.5236	838.245	1202.33	9.50945	5.71125	47.7253	-0.01125
1.94414	70.4053	84.0706	831.892	1179.39	9.57674	5.70906	47.2319	-0.012188
1.94514	70.4053	83.6603	826.823	1140.6	9.59097	5.70906	47.1825	-0.01375
1.94614	70.1323	83.9339	822.254	1104.95	9.83173	5.70869	47.5772	-0.011675
1.94714	69.8592	83.5236	819.399	1069.57	9.87249	5.71156	48.3667	-0.011563
1.94814	70.4053	84.0706	821.226	1062.75	9.81543	5.71219	48.4161	-0.010838
1.94914	70.4053	83.7971	830.021	1102.9	9.61135	5.71219	48.4654	-0.009063
1.95014	70.1323	83.5236	837.102	1117.11	9.6176	5.71094	48.12	-0.011675
1.95114	70.4053	83.7971	830.82	1144.97	9.50945	5.70844	47.7253	-0.013438
1.95214	70.4053	83.5236	835.389	1155.21	9.57674	5.68344	47.7253	-0.01125
1.95314	69.8592	83.7971	843.613	1154.67	9.66434	5.68281	47.6266	-0.010838
1.95414	70.4053	83.6603	845.44	1153.71	9.54613	5.64344	48.12	-0.010838
1.95514	70.4053	84.0706	848.524	1147.7	9.44423	5.65844	48.4161	-0.010313
1.95614	70.6784	83.6603	850.123	1137.18	9.47276	5.71969	48.7615	-0.013125
1.95714	70.4053	83.9339	848.286	1138.41	9.38717	5.70261	48.8108	-0.011563
1.95814	70.6784	83.6603	844.184	1190.66	9.35458	5.70844	48.6135	-0.013438
1.95914	70.2688	83.3868	852.636	1209.44	9.38309	5.70781	48.4161	-0.012613
1.96014	70.4053	83.7971	848.638	1221.32	9.25673	5.70563	48.12	-0.009063
1.96114	70.4053	83.6603	838.016	1213.53	9.18336	5.70531	47.8239	-0.011563
1.96214	70.1323	83.5236	836.646	1179.93	9.24858	5.70313	48.12	-0.010838
1.96314	69.8592	83.6603	831.848	1140.46	9.17929	5.70437	48.2187	-0.012188
1.96414	70.815	83.7971	823.625	1104.81	9.15075	5.70219	48.9085	-0.011563
1.96514	70.6784	83.25	822.711	1073.67	9.15075	5.70469	49.1582	-0.010838
1.96614	70.5419	83.7971	824.996	1097.44	9.09369	5.68844	49.1582	-0.011563
1.96714	70.5419	83.9339	835.732	1124.76	8.95103	5.69069	49.2549	-0.012613
1.96814	69.5962	83.7971	836.874	1144.83	8.7513	5.69937	48.9589	-0.010838
1.96914	70.1323	83.9339	832.676	1167.91	8.71899	5.70156	48.3174	-0.012188
1.97014	70.1323	83.6603	840.986	1171.06	8.71899	5.70219	48.3174	-0.010313
1.97114	70.815	83.3868	844.869	1171.19	8.97956	5.70156	48.3174	-0.012613
1.97214	70.6784	83.7971	845.897	1170.1	8.96733	5.69969	48.5148	-0.01125
1.97314	70.2688	83.7971	848.753	1160.81	8.99179	5.69969	48.1562	-0.0125
1.97414	70.9515	83.7971	849.438	1150.98	9.12222	5.7025	49.899	-0.012613
1.97514	70.5419	83.5236	845.098	1174.06	8.96771	5.70594	49.561	-0.012613

1.97614	70.6784	83.6603	847.498	1221.45	9.00402	5.71344	49.5017	-0.011563
1.97714	70.6784	84.0708	854.235	1195.5	9.26896	5.70968	49.3043	-0.011563
1.97814	70.815	83.5236	834.133	1180.27	9.20782	5.71344	48.6135	-0.014063
1.97914	70.6784	83.7971	823.625	1144.97	9.15483	5.71219	48.2187	-0.012813
1.98014	70.4053	83.25	837.102	1087.6	9.46461	5.71469	48.3174	-0.011663
1.98114	70.9515	83.9339	827.508	1062.2	9.19867	5.71781	48.268	-0.012188
1.98214	70.4053	84.2074	818.599	1040.89	9.02032	5.70781	48.12	-0.008063
1.98314	70.4053	83.5236	825.909	1025.32	9.27711	5.68281	47.9226	-0.011663
1.98414	70.9515	83.7971	830.592	1087.53	9.27304	5.68887	47.5279	-0.012188
1.98514	70.4053	83.6603	840.072	1147.7	9.20782	5.64875	46.9357	-0.012813
1.98614	70.4053	83.7971	855.492	1185.94	9.62983	5.68719	46.1482	-0.012813
1.98714	70.4053	83.9339	854.806	1179.39	9.41162	5.72156	45.9488	-0.011875
1.98814	70.2688	83.6603	843.042	1179.39	9.10582	5.70594	45.8008	-0.011875
1.98914	69.7227	83.5236	846.488	1158.78	9.48461	5.71219	46.2943	-0.012188
1.99014	70.4053	83.9339	861.494	1141.89	9.57467	5.71062	47.0638	-0.010625
1.99114	70.2688	83.9339	848.286	1149.88	9.25673	5.70989	48.2187	-0.010938
1.99214	70.4053	83.7971	847.498	1149.88	9.33825	5.70656	48.4161	-0.01375
1.99314	70.4053	83.3688	847.725	1192.77	9.63798	5.70761	48.8108	-0.011663
1.99414	70.4053	83.5236	846.925	1221.45	9.41162	5.70563	49.7121	-0.012813
1.99514	70.6784	83.5236	839.387	1221.45	9.26896	5.70719	48.4161	-0.012188
1.99614	70.4053	83.7971	832.305	1205.34	9.28934	5.70406	48.4161	-0.011563
1.99714	70.6784	83.5236	834.59	1172.15	9.43606	5.70094	47.5279	-0.011563
1.99814	70.5419	83.7971	834.019	1132.13	9.37801	5.70187	47.3305	-0.010938
1.99914	70.4053	83.9339	827.166	1088.39	9.30872	5.69989	47.1825	-0.012188
2.00014	70.2688	83.5236	826.709	1087.94	9.36717	5.70344	47.1331	-0.011563
2.00114	70.1323	83.6603	827.051	1086.89	9.28749	5.69856	47.2811	-0.010938
2.00214	69.7227	83.7971	836.417	1121.75	9.23635	5.69937	47.3305	-0.011875
2.00314	70.5419	83.3688	841.443	1147.15	9.16706	5.69906	47.3305	-0.012813
2.00414	70.815	83.6603	840.072	1179.93	9.17113	5.70281	47.5278	-0.0125
2.00514	70.2688	83.5236	847.382	1189.77	9.97956	5.69989	47.6286	-0.013125
2.00614	70.5419	83.6603	850.123	1189.83	8.69831	5.69875	48.6828	-0.012188
2.00714	70.5419	83.5236	846.011	1184.58	8.71869	5.70344	49.2549	-0.01125
2.00814	70.5419	82.9785	846.897	1173.92	8.74722	5.70344	49.8471	-0.012813
2.00914	70.4053	83.6603	846.925	1162.31	8.68233	5.70219	50.4392	-0.011663
2.01014	70.4053	83.6603	843.156	1176.11	8.80049	5.69989	50.4886	-0.012188
2.01114	70.6784	83.7971	843.27	1229.85	8.68831	5.70437	50.3405	-0.012188
2.01214	70.5419	83.5236	851.951	1240.3	8.88608	5.69989	49.6497	-0.010625
2.01314	70.5419	83.7971	841.9	1255.74	8.74722	5.67844	49.551	-0.011875
2.01415	70.4053	83.9339	834.704	1238.86	8.74722	5.65875	48.9095	-0.011663
2.01515	69.9958	83.7971	832.782	1201.79	8.80021	5.63812	48.9095	-0.010313
2.01615	70.6784	84.0708	828.65	1185.59	8.73807	5.62469	48.9095	-0.010825
2.01715	70.5419	83.9339	824.767	1129.87	8.7676	5.69156	49.7977	-0.013438
2.01815	70.9515	83.5236	824.881	1107	8.83282	5.70531	50.4392	-0.012188
2.01915	70.4053	83.7971	828.422	1142.24	8.81662	5.69989	50.0444	-0.011663
2.02015	70.6784	83.9339	836.587	1180.27	8.84097	5.70094	49.8471	-0.011875
2.02115	70.6784	83.7971	835.275	1184.03	8.86643	5.69562	48.403	-0.013125
2.02215	69.9958	83.5236	834.818	1200.15	8.82487	5.69656	48.2549	-0.012188
2.02315	70.4053	83.5236	843.156	1200.58	8.82875	5.69489	48.9095	-0.011875
2.02415	70.815	83.5236	845.44	1201.24	8.78391	5.69084	49.1089	-0.01125
2.02515	70.6784	83.25	846.811	1197.14	8.735	5.69156	49.6003	-0.01125
2.02615	70.4053	83.5236	846.524	1186.4	8.78391	5.69281	50.0938	-0.009375
2.02715	69.7227	83.7971	846.011	1180.48	8.7513	5.68781	50.1431	-0.014375

2.02815	70.2888	84.0708	839.273	1215.72	8.69424	5.68844	50.1925	-0.014083
2.02915	70.4053	83.7971	844.869	1255.05	8.72684	5.69219	50.0938	-0.01375
2.03015	70.4053	83.5236	847.839	1264.48	8.66163	5.69281	49.403	-0.011875
2.03115	70.1323	83.7971	838.016	1271.17	8.65347	5.69408	49.4523	-0.010938
2.03215	70.6784	83.7971	833.79	1243.31	8.62902	5.69158	49.2056	-0.012188
2.03315	70.9515	83.7971	830.935	1205.06	8.65347	5.69219	49.3043	-0.012188
2.03415	70.4053	84.2074	824.853	1188.48	8.55973	5.69158	49.8984	-0.012813
2.03515	70.4053	84.2074	821.34	1133.77	8.51081	5.69219	50.3899	-0.012813
2.03615	70.815	83.6803	822.368	1128.58	8.47005	5.69344	50.834	-0.012188
2.03715	70.6784	83.7971	829.584	1167.5	8.40891	5.69781	50.6365	-0.011563
2.03815	70.4053	83.5236	835.848	1180.21	8.33147	5.69219	49.8471	-0.013125
2.03915	70.4053	83.25	831.392	1208.75	8.3783	5.69594	49.8984	-0.012813
2.04015	70.4053	84.0708	835.98	1218.45	8.25402	5.69858	49.9951	-0.01375
2.04115	69.9858	83.5236	842.357	1218.45	8.16435	5.69888	49.5017	-0.014688
2.04215	70.4053	84.0708	843.27	1219.82	8.19288	5.69594	49.9951	-0.013125
2.04315	70.6784	83.9888	846.354	1213.81	8.08283	5.69219	50.0938	-0.013438
2.04415	70.9515	83.6803	847.839	1204.52	8.06852	5.67858	50.9327	-0.012813
2.04515	70.1323	83.6236	844.984	1201.1	7.97277	5.65875	51.13	-0.0125
2.04615	70.4053	83.1133	840.529	1228.01	7.94424	5.63781	51.0313	-0.011875
2.04715	70.4053	83.9339	840.872	1184.17	7.93809	5.62406	50.7846	-0.010313
2.04815	70.4053	83.9339	828.879	1204.82	7.88718	5.68489	50.0444	-0.010313
2.04915	70.4053	82.9765	833.904	1169.68	7.87902	5.70375	48.9085	-0.014375
2.05015	70.4053	84.0708	832.305	1140.6	8.08283	5.69562	49.1069	-0.010313
2.05115	70.4053	83.7971	822.483	1125.57	8.07487	5.69719	48.7121	-0.011875
2.05215	70.4053	83.6803	824.995	1099.82	8.13174	5.69489	48.3667	-0.012813
2.05315	69.8592	83.7971	826.823	1067.06	8.11544	5.69562	47.8733	-0.011875
2.05415	70.4053	83.5236	828.48	1188.14	8.11544	5.68969	47.6759	-0.011875
2.05515	70.4053	83.5236	850.468	1203.97	8.16842	5.68969	47.2811	-0.011563
2.05615	70.6784	82.9765	850.009	1187.28	8.18065	5.68844	46.8864	-0.012813
2.05715	69.8592	83.9339	831.163	1208.16	8.19288	5.68719	46.6397	-0.012813
2.05815	70.6784	83.7971	838.359	1185.67	8.21326	5.68781	46.837	-0.010938
2.05915	70.5419	83.5236	844.641	1175.84	8.2581	5.68875	47.3305	-0.011563
2.06015	70.6784	83.5236	842.242	1190.31	8.1562	5.68856	47.7253	-0.01375
2.06115	69.8592	83.9339	843.727	1198.24	8.21326	5.68781	48.7121	-0.011875
2.06215	70.4053	83.9339	846.24	1190.59	8.2581	5.69219	49.699	-0.011875
2.06315	70.4053	83.9339	836.189	1203.97	8.22956	5.69031	49.5017	-0.012813
2.06415	70.4053	84.3442	830.478	1250.55	8.21326	5.69438	49.3043	-0.012813
2.06515	70.4053	83.25	844.641	1246.31	8.19288	5.69219	48.5148	-0.010625
2.06615	70.1323	84.2074	841.329	1248.22	8.18065	5.69219	47.6759	-0.011563
2.06715	70.4053	83.5236	833.105	1228.56	8.21326	5.69312	46.837	-0.012813
2.06815	70.4053	83.7971	833.219	1182.12	8.18027	5.68969	46.6397	-0.012813
2.06915	70.4053	83.6803	827.985	1150.3	8.16435	5.69187	46.541	-0.011875
2.07015	70.4053	83.9339	822.254	1129.4	8.1562	5.69125	46.7877	-0.010938
2.07115	70.4053	83.5236	825.452	1114.92	8.05937	5.68959	46.6397	-0.013438
2.07215	70.4053	84.0708	832.42	1159.58	8.08283	5.69312	47.0838	-0.013438
2.07315	70.4053	83.7971	842.813	1191.88	8.05429	5.69438	47.4785	-0.013438
2.07415	70.5419	83.7971	841.671	1215.44	8.03391	5.69531	46.8864	-0.012813
2.07515	70.2888	83.5236	837.788	1228.26	7.98055	5.68844	47.0344	-0.011563
2.07615	70.4053	84.0708	840.986	1223.09	7.94016	5.65969	47.4785	-0.011875
2.07715	70.4053	84.3442	841.214	1216.54	7.93201	5.63908	47.8239	-0.012188
2.07815	70.5419	83.6803	841.671	1211.78	7.8868	5.62344	48.3667	-0.012188
2.07915	70.4053	83.9339	844.184	1204.79	7.7975	5.65781	48.7121	-0.010938

2.08015	70.9515	83.7971	842.357	1200.15	7.76674	5.70281	49.1069	-0.011875
2.08115	70.4053	83.9339	836.846	1226.51	7.72006	5.68781	48.9085	-0.012813
2.08215	70.4053	83.7971	838.702	1273.9	7.83854	5.69094	48.8135	-0.010313
2.08315	70.4053	84.0708	845.212	1281.88	7.59778	5.69312	48.0707	-0.014063
2.08415	70.6784	83.7971	837.217	1292.89	7.31245	5.69158	48.3174	-0.011583
2.08515	69.9958	83.6603	833.676	1268.17	7.22278	5.68969	47.3305	-0.013438
2.08615	70.4053	83.9339	832.848	1230.2	7.21055	5.68887	47.3305	-0.012188
2.08715	70.6784	83.5238	826.709	1194.88	7.16184	5.68658	47.2811	-0.011583
2.08815	70.1323	83.5238	822.697	1158.9	7.15756	5.68469	48.0213	-0.011583
2.08915	70.815	83.7971	822.026	1141.69	7.06012	5.68375	47.972	-0.011875
2.09015	70.4053	83.5238	827.508	1180.48	6.88447	5.68437	48.0707	-0.010313
2.09115	70.4053	83.7971	838.874	1198.82	7.01082	5.68281	48.0213	-0.011875
2.09215	70.4053	83.7971	833.219	1219.54	6.95783	5.6826	47.5279	-0.011875
2.09315	70.815	83.5238	834.59	1230.74	6.94153	5.68166	46.7384	-0.012813
2.09415	70.6784	83.7971	839.958	1230.08	6.95783	5.68281	46.7384	-0.013438
2.09515	70.4053	83.7971	840.872	1228.42	6.93338	5.68344	47.0344	-0.010938
2.09615	70.9515	83.7971	841.443	1224.19	6.92523	5.67969	46.9357	-0.012813
2.09715	70.6784	83.5238	842.928	1213.81	6.90892	5.68469	47.4292	-0.011583
2.09815	70.4053	84.0708	840.629	1207.8	6.93338	5.68344	47.5279	-0.010313
2.09915	70.1323	84.2074	835.047	1244.4	6.93745	5.68344	47.3305	-0.012188
2.10015	70.4053	84.0708	840.629	1282.64	6.91707	5.68219	47.2811	-0.012813
2.10115	70.6784	83.5238	844.07	1291.86	6.9283	5.68469	46.9357	-0.012188
2.10215	70.6784	83.25	833.219	1295.76	6.90077	5.68489	46.4423	-0.011583
2.10315	70.6784	83.6603	830.135	1265.16	6.89989	5.68531	46.3436	-0.01125
2.10415	70.6784	83.5238	828.536	1224.73	6.92523	5.67969	46.541	-0.009375
2.10515	70.4053	83.6603	819.856	1187.88	6.83983	5.67969	46.8864	-0.012813
2.10615	70.4053	83.3868	817.229	1151.8	6.87631	5.68219	47.3798	-0.011583
2.10715	70.4053	83.7971	817.229	1145.51	6.88854	5.68531	47.8759	-0.011875
2.10815	70.5419	83.5238	822.254	1183.62	6.8437	5.64344	47.8239	-0.011583
2.10915	70.4053	83.7971	829.107	1197.01	6.8437	5.62582	47.5279	-0.011583
2.11015	70.5419	83.5238	824.082	1222.82	6.82332	5.61166	47.2318	-0.011875
2.11115	69.8592	83.6603	826.252	1231.29	6.81517	5.67376	46.8397	-0.012188
2.11215	70.4053	83.7971	831.82	1229.24	6.78864	5.67969	46.7877	-0.011583
2.11315	70.6784	83.7971	833.219	1229.38	6.81926	5.67875	46.7384	-0.012188
2.11415	70.815	83.7971	835.846	1222	6.80294	5.68281	47.1331	-0.011583
2.11515	70.6784	83.3868	838.245	1201.79	6.79072	5.67969	47.5279	-0.01125
2.11615	70.6784	83.5238	831.277	1155.89	6.71327	5.67906	47.6268	-0.011875
2.11715	70.4053	83.5238	818.589	1185.94	6.71327	5.67969	47.972	-0.011583
2.11815	70.4053	84.0708	830.936	1186.22	6.72957	5.67969	47.5772	-0.012813
2.11915	70.9515	83.5238	832.534	1179.39	6.67251	5.67969	46.6397	-0.012813
2.12015	70.815	83.6603	819.97	1171.74	6.68474	5.67158	45.8995	-0.011583
2.12115	70.4053	83.6603	820.313	1142.24	6.63175	5.6725	45.9587	-0.010313
2.12215	70.4053	84.0708	822.254	1125.71	6.58284	5.67281	44.4885	-0.012188
2.12315	70.4053	83.7971	820.427	1173.79	6.55023	5.67084	44.3205	-0.012188
2.12415	69.8592	83.7971	831.848	1177.2	6.52577	5.66969	44.5672	-0.012813
2.12515	70.815	83.5238	828.422	1158.17	6.47886	5.67281	43.9257	-0.012188
2.12615	70.9515	83.7971	819.056	1180.48	6.46871	5.67406	44.1724	-0.008588
2.12715	69.8592	83.5238	824.881	1152.07	6.43202	5.67281	44.1724	-0.014063
2.12815	70.6784	83.7971	822.254	1153.57	6.38719	5.67844	44.5672	-0.011875
2.12915	70.2888	83.7971	822.14	1187.84	6.3342	5.6775	44.7152	-0.012188
2.13015	70.4053	84.0708	829.584	1174.2	6.32197	5.67844	44.7152	-0.012813
2.13115	70.6784	83.7971	830.478	1181.98	6.28528	5.68344	45.11	-0.012813

2.13215	70.4053	83.5236	823.511	1188.67	6.22414	5.67989	45.8502	-0.010938
2.13315	70.4053	83.7971	819.513	1177.81	6.20376	5.68406	45.8528	-0.012188
2.13415	70.4053	84.0706	819.856	1170.85	6.16708	5.68344	45.8528	-0.012813
2.13515	70.815	83.7971	822.14	1217.08	6.11001	5.68281	45.0808	-0.012813
2.13615	70.815	83.7971	831.277	1221.45	6.08825	5.68406	44.6859	-0.012813
2.13715	70.2688	83.7971	826.48	1222.96	6.03664	5.68584	43.9257	-0.010938
2.13815	70.4053	83.7971	817.114	1206.16	5.98773	5.68156	43.4816	-0.012188
2.13915	70.4053	83.5236	814.802	1172.01	5.98328	5.68094	44.2218	-0.010313
2.14015	70.6784	83.5236	811.86	1143.88	5.91436	5.64156	43.3828	-0.012813
2.14115	70.4053	83.5236	808.776	1120.38	5.88546	5.62281	44.1724	-0.011875
2.14215	70.2688	83.5236	811.175	1098.8	5.83284	5.60781	44.4885	-0.012813
2.14315	71.088	83.6803	812.66	1122.57	5.7717	5.66719	44.8833	-0.01126
2.14415	70.4053	83.9339	819.056	1149.2	5.83284	5.68844	44.9819	-0.0125
2.14515	70.815	83.7971	817.457	1183.54	5.80023	5.67781	44.9819	-0.010313
2.14615	70.6784	83.5236	811.175	1181.44	5.78762	5.67908	44.8139	-0.011583
2.14715	70.4053	83.9339	816.429	1179.93	5.788	5.67658	44.9128	-0.011583
2.14815	70.6784	83.25	820.427	1176.38	5.79208	5.67531	44.9819	-0.007813
2.14915	70.4053	83.9339	819.741	1173.85	5.97143	5.67408	45.258	-0.012813
2.15015	70.4053	83.1133	821.589	1185.73	5.92251	5.67469	45.8528	-0.011583
2.15115	70.6784	83.5236	820.998	1158.71	5.95512	5.67344	45.9488	-0.012188
2.15215	70.4053	83.6803	816.086	1173.38	5.92251	5.67219	45.7515	-0.013438
2.15315	70.6784	82.9785	816.315	1224.19	5.9592	5.67219	45.8502	-0.013438
2.15415	70.2688	83.6803	823.739	1234.57	5.98735	5.68719	45.2087	-0.012188
2.15515	70.4053	82.9785	817.114	1247.13	6.01219	5.68889	44.5872	-0.011583
2.15615	70.6784	84.3442	812.203	1224.6	5.9592	5.68989	44.4192	-0.011583
2.15715	70.815	83.7971	809.919	1186.08	5.9755	5.68989	44.3205	-0.011875
2.15815	70.4053	83.5236	808.294	1146.33	5.98328	5.68989	44.5872	-0.012188
2.15915	70.4053	84.0706	799.525	1108.23	6.00404	5.67094	44.7846	-0.009063
2.16015	70.4053	83.5236	797.583	1081.59	5.98773	5.67156	44.9819	-0.012813
2.16115	70.5419	83.25	800.324	1114.78	5.99588	5.67469	45.258	-0.012813
2.16215	70.4053	83.7971	809.482	1133.5	6.02442	5.67719	44.7846	-0.01125
2.16315	70.4053	83.5236	807.634	1155.35	5.97958	5.67344	44.2711	-0.011583
2.16415	70.815	83.7971	805.807	1172.15	5.98368	5.67469	43.9751	-0.011875
2.16515	70.4053	83.7971	811.175	1171.19	5.9755	5.67584	43.679	-0.010938
2.16615	70.9515	83.5236	812.203	1189.89	5.99588	5.67625	43.7777	-0.010825
2.16715	70.5419	83.5236	813.117	1164.84	5.93882	5.67844	43.9751	-0.0126
2.16815	70.6784	82.9785	814.487	1154.28	5.9592	5.67719	44.4885	-0.011583
2.16915	70.6784	83.3868	813.802	1144.42	5.95105	5.67908	44.8833	-0.012813
2.17015	70.6784	83.6803	810.376	1176.58	5.93882	5.67937	44.8833	-0.009063
2.17115	70.6784	83.5236	812.66	1216.54	5.92251	5.65875	44.3205	-0.014688
2.17215	70.4053	83.9339	816.543	1228.37	5.89806	5.63719	44.1724	-0.012813
2.17315	70.9515	82.9785	807.408	1232.38	5.92859	5.6175	43.7777	-0.011875
2.17415	70.6784	83.7971	803.751	1203.43	5.91436	5.60158	43.7777	-0.011583
2.17515	70.5419	83.1133	801.238	1161.9	5.92251	5.66469	43.679	-0.012188
2.17615	70.4053	83.7971	793.471	1124.75	5.88545	5.68219	43.9751	-0.012188
2.17715	70.9515	83.6803	789.818	1087.19	5.84099	5.67188	44.4885	-0.010938
2.17815	70.4053	83.3868	790.273	1073.95	5.84507	5.67584	44.7152	-0.011875
2.17915	70.4053	84.0706	794.385	1114.24	5.84099	5.67719	44.4885	-0.011583
2.18015	70.4053	83.9339	802.152	1126.39	5.83284	5.67719	44.0737	-0.012188
2.18115	70.4053	84.0706	796.689	1151.93	5.77578	5.67469	43.7777	-0.010313
2.18215	70.1323	83.9339	798.725	1161.08	5.78762	5.67469	43.679	-0.010313
2.18315	70.815	83.5236	803.978	1158.9	5.73502	5.67781	44.3205	-0.010313

2.18416	70.4053	84.2074	805.236	1155.35	5.70241	5.67781	43.7777	-0.012188
2.18516	70.9515	83.6603	805.807	1122.02	5.6861	5.67582	44.4192	-0.011583
2.18616	70.5419	83.5236	801.823	1103.72	5.6898	5.67489	44.6859	-0.014063
2.18716	69.8582	83.7971	802.723	1090.08	5.63719	5.67125	44.5178	-0.011583
2.18816	70.4053	83.5236	801.238	1107.14	5.61273	5.67312	44.1231	-0.011583
2.18916	70.2688	84.0706	800.086	1123.68	5.66158	5.67219	43.7777	-0.014063
2.19016	70.5419	83.5236	800.324	1130.48	5.50676	5.67219	43.3829	-0.012813
2.19116	70.4053	83.6603	797.812	1120.93	5.30295	5.67094	43.0888	-0.012813
2.19216	69.8582	83.9339	794.842	1149.75	5.25404	5.67094	42.1988	-0.010938
2.19316	70.6784	83.6603	804.436	1164.23	5.24589	5.66989	42.0506	-0.012188
2.19416	70.1323	83.6603	803.408	1135.88	5.24181	5.67158	42.0506	-0.012188
2.19516	70.5419	83.5236	798.217	1117.79	5.18475	5.67219	42.1988	-0.011583
2.19616	70.5419	84.2074	788.903	1096.8	5.16029	5.67408	42.0013	-0.011875
2.19716	70.5419	83.5236	795.07	1102.35	5.11548	5.67844	41.9519	-0.010938
2.19816	70.4053	83.5236	793.928	1108.73	5.01783	5.67719	41.9519	-0.010825
2.19916	70.2688	83.6603	791.53	1126.12	5.05839	5.68344	42.1988	-0.011875
2.20016	70.4053	83.9339	796.869	1130.78	4.98502	5.68156	42.1988	-0.012813
2.20116	70.9515	83.5236	796.869	1136.23	4.98317	5.68219	42.398	-0.0125
2.20216	70.9515	83.9668	790.273	1136.64	4.97887	5.68437	42.8821	-0.012813
2.20316	70.4053	83.7971	791.844	1125.44	4.93611	5.67094	42.8388	-0.010313
2.20416	70.5419	83.5236	797.012	1112.19	4.92798	5.64719	42.9882	-0.012813
2.20516	70.4053	83.6603	794.842	1119.28	4.91185	5.62594	42.8921	-0.012188
2.20616	70.4053	83.7971	795.07	1158.08	4.8872	5.61219	42.8921	-0.010313
2.20716	70.9515	83.7971	804.436	1187.84	4.91573	5.68719	41.8532	-0.012813
2.20816	70.1323	83.6603	797.126	1175.02	4.87089	5.68594	41.7062	-0.012813
2.20916	69.8582	83.7971	786.331	1164.23	4.85459	5.67438	41.8559	-0.011583
2.21016	70.1323	84.0706	789.368	1129.12	4.83013	5.67489	41.8085	-0.011875
2.21116	70.9515	83.5236	787.075	1095.25	4.78529	5.67489	41.8039	-0.010825
2.21216	70.4053	83.7971	782.963	1069.84	4.79345	5.67489	42.398	-0.011583
2.21316	70.4053	83.7971	782.049	1032.7	4.73838	5.67408	42.8921	-0.012188
2.21416	70.4053	83.6603	782.392	1055.92	4.70785	5.67219	42.8895	-0.013125
2.21516	70.2688	83.5236	789.131	1079.88	4.72823	5.67156	42.7414	-0.012813
2.21616	70.6784	83.25	788.674	1099.62	4.716	5.67094	42.5934	-0.011583
2.21716	70.4053	83.9339	784.677	1116.58	4.67524	5.66844	42.6921	-0.01125
2.21816	70.4053	84.0706	790.045	1117.85	4.67932	5.66887	42.4947	-0.012813
2.21916	70.5419	83.5236	792.9	1117.11	4.66709	5.66719	42.8921	-0.013438
2.22016	70.4053	83.5236	793.357	1114.37	4.61818	5.66408	42.3487	-0.011875
2.22116	70.4053	83.5236	794.728	1105.63	4.63448	5.66844	42.5934	-0.013438
2.22216	70.9515	83.9668	794.157	1098.62	4.58557	5.66889	42.9388	-0.012188
2.22316	70.6784	83.7971	789.017	1120.38	4.54481	5.66889	43.2842	-0.012188
2.22416	70.5419	83.5236	791.872	1164.64	4.5122	5.66908	42.7908	-0.012188
2.22516	70.4053	84.3442	786.869	1175.02	4.48367	5.66856	42.4947	-0.011583
2.22616	70.4053	83.7971	789.245	1185.12	4.47144	5.67094	42.1493	-0.013438
2.22716	70.6784	83.9339	784.562	1159.99	4.48329	5.67344	41.9519	-0.012188
2.22816	70.4053	83.7971	782.049	1121.48	4.41437	5.67219	42.0013	-0.011875
2.22916	70.2688	84.0706	776.339	1082.88	4.38807	5.67489	42.0013	-0.012188
2.23016	70.4053	83.5236	771.998	1044.17	4.38548	5.67594	42.5934	-0.013438
2.23116	70.1323	84.0706	772.341	1025.87	4.35731	5.67856	42.5441	-0.011875
2.23216	70.9515	83.5236	776.587	1061.93	4.36548	5.67719	42.5934	-0.011583
2.23316	70.5419	83.5236	785.248	1077.09	4.31247	5.67844	42.5934	-0.011583
2.23416	69.9858	83.9339	780.45	1103.17	4.27988	5.67937	42.5441	-0.012188
2.23516	70.4053	83.6603	780.108	1113.28	4.26763	5.68344	42.1	-0.012813

2.23816	70.6784	83.6803	785.939	1112.73	4.23503	5.84219	41.8532	-0.012188
2.23716	70.6784	83.5236	787.075	1110.82	4.19427	5.82281	41.8039	-0.013438
2.23816	70.2688	84.0708	787.875	1106.18	4.20848	5.81125	42.1986	-0.011875
2.23916	70.6784	83.5236	790.045	1096.35	4.19019	5.87156	42.8895	-0.011583
2.24016	70.5419	83.9339	787.989	1089.93	4.1535	5.87844	42.5934	-0.012188
2.24116	70.4053	84.0708	783.308	1131.04	4.11274	5.87781	42.5441	-0.012813
2.24216	70.9515	83.7971	789.359	1161.83	4.1209	5.87468	42.4947	-0.011875
2.24316	70.4053	83.5236	790.045	1173.24	4.10459	5.87281	41.9026	-0.013438
2.24416	69.7227	83.9339	780.879	1173.1	4.0516	5.87031	41.8065	-0.01375
2.24516	69.7227	83.7971	777.252	1140.05	4.01492	5.87188	41.5078	-0.012188
2.24616	70.6784	82.9765	773.828	1100.58	4.00877	5.87219	41.3104	-0.011583
2.24716	70.6784	83.7971	787.43	1082.75	3.94155	5.87156	41.8559	-0.009063
2.24816	70.4053	84.0708	783.775	1025.05	3.93747	5.86875	41.5078	-0.014375
2.24916	70.1323	83.7971	784.117	1028.88	3.93747	5.86889	42.1493	-0.01125
2.25016	70.4053	83.5236	771.541	1081.24	3.9497	5.86889	42.396	-0.010938
2.25116	70.2688	83.7971	775.998	1076.13	3.90487	5.86719	42.0013	-0.013438
2.25216	70.815	83.5236	771.313	1100.85	3.88003	5.87489	42.0013	-0.012813
2.25316	70.5419	83.9339	774.283	1105.5	3.81112	5.87084	41.4585	-0.011875
2.25416	70.4053	84.0708	778.823	1093.07	3.82742	5.87489	41.4091	-0.013438
2.25516	70.1323	83.5236	777.367	1076.95	3.7822	5.87582	41.4585	-0.012188
2.25616	70.4053	83.5236	778.052	1071.78	3.71737	5.87408	41.8532	-0.011875
2.25716	70.4053	83.6803	784.22	1049.81	3.68883	5.87781	42.0506	-0.012813
2.25816	70.4053	83.3868	778.851	1050.18	3.64807	5.87719	41.7545	-0.012188
2.25916	70.5419	83.9339	774.283	1087.06	3.57878	5.87719	41.3104	-0.012188
2.26016	70.4053	84.0708	781.136	1097.96	3.58286	5.87969	41.4585	-0.012813
2.26116	69.8592	83.5236	778.395	1136.77	3.56248	5.87989	41.1824	-0.013125
2.26216	70.4053	83.25	778.395	1156.3	3.50134	5.87844	40.3235	-0.011875
2.26316	70.4053	83.5236	779.537	1128.71	3.47688	5.88219	40.5209	-0.0125
2.26416	70.815	83.7971	789.714	1104.81	3.46873	5.87989	40.2249	-0.01125
2.26516	70.815	83.7971	784.888	1083.29	3.41186	5.87908	40.2249	-0.012813
2.26616	70.4053	83.6803	783.548	1025.19	3.38883	5.87188	40.8196	-0.011583
2.26716	70.5419	83.9339	780.577	1030.1	3.31384	5.84489	40.985	-0.012813
2.26816	71.2246	83.9339	788.516	1041.71	3.32199	5.82531	41.0144	-0.012813
2.26916	70.5419	84.0708	788.572	1057.15	3.29753	5.81125	40.9157	-0.010938
2.27016	70.6784	83.9339	788.516	1078.04	3.22416	5.80844	40.5703	-0.015313
2.27116	69.7227	83.6803	788.001	1088.97	3.23232	5.88469	40.9157	-0.013438
2.27216	70.4053	84.0708	789.257	1095.88	3.20378	5.87219	41.2117	-0.011583
2.27316	70.6784	83.5236	772.684	1090.88	3.1834	5.87656	41.0637	-0.010938
2.27416	70.4053	83.7971	774.054	1081.59	3.15895	5.87719	41.2117	-0.011583
2.27516	70.815	83.5236	774.054	1089.3	3.11819	5.87084	41.3104	-0.012188
2.27616	70.5419	83.6803	773.255	1090.81	3.09373	5.87082	41.5572	-0.010938
2.27716	70.6784	83.6803	777.367	1132.95	3.06112	5.87219	41.0637	-0.012813
2.27816	70.4053	83.9339	779.994	1144.42	3.01221	5.87084	41.0144	-0.012188
2.27916	70.5419	83.7971	771.085	1151.25	2.96775	5.86719	40.5209	-0.012813
2.28016	70.4053	83.7971	786.744	1124.21	2.9633	5.86875	40.5209	-0.011875
2.28116	70.4053	83.7971	784.888	1085.42	2.90215	5.86469	40.1262	-0.011583
2.28216	70.4053	83.7971	759.434	1047.45	2.92253	5.86844	40.8196	-0.011875
2.28316	70.2688	83.5236	755.551	1012.21	2.88993	5.86856	41.3688	-0.010313
2.28416	70.4053	83.7971	754.98	999.508	2.89808	5.86856	41.0144	-0.010938
2.28516	70.4053	83.6803	758.292	1032.42	2.84101	5.86906	41.1131	-0.011583
2.28616	70.5419	83.5236	784.888	1045.81	2.84509	5.86719	40.8683	-0.011583
2.28716	70.4053	84.0708	780.12	1070.67	2.84509	5.86844	40.4222	-0.012813

2.28818	70.4053	83.5238	761.376	1077.5	2.81656	5.67094	40.2249	-0.012813
2.28918	70.2888	84.2074	768.287	1079.14	2.79818	5.67094	40.1282	-0.011583
2.29018	70.6784	83.5238	767.888	1081.18	2.78802	5.67094	40.1282	-0.011583
2.29118	70.4053	83.7971	769.6	1072.85	2.7758	5.67188	40.8198	-0.012813
2.29217	70.9515	83.7971	769.714	1061.93	2.71058	5.68989	40.1282	-0.015313
2.29317	70.2888	83.5238	768.229	1059.74	2.74726	5.67582	40.8198	-0.013438
2.29417	70.4053	83.9339	765.831	1108.73	2.79086	5.67989	40.9157	-0.012819
2.29517	70.2888	83.7971	772.912	1128.31	2.70243	5.68219	40.5209	-0.011583
2.29617	70.4053	83.5238	769.942	1141.89	2.67797	5.68344	39.9288	-0.012813
2.29717	70.815	83.6603	763.318	1131.17	2.66574	5.67989	39.8301	-0.013125
2.29817	70.4053	84.481	760.12	1084.98	2.73504	5.67344	39.534	-0.012188
2.29917	70.5419	83.3888	758.236	1053.19	2.66574	5.64989	39.238	-0.010938
2.30017	70.4053	83.5238	749.812	1014.87	2.63721	5.62844	39.5834	-0.010825
2.30117	70.1323	84.0708	748.127	983.255	2.62091	5.61031	39.6327	-0.012813
2.30217	70.4053	83.9339	760.525	994.455	2.64129	5.63719	39.8301	-0.010938
2.30317	70.2888	84.0708	757.15	1013.17	2.60053	5.68658	39.4953	-0.009083
2.30417	70.4053	83.5238	757.721	1028.05	2.58015	5.67687	38.7445	-0.013125
2.30517	70.4053	83.7971	755.323	1041.99	2.55589	5.68344	38.8925	-0.0125
2.30617	70.2888	84.0708	758.863	1041.71	2.56782	5.67989	38.3981	-0.012813
2.30717	70.6784	83.25	762.518	1042.12	2.53939	5.68158	38.3981	-0.012188
2.30817	70.6784	83.3888	764.574	1042.8	2.50678	5.67875	38.3498	-0.011583
2.30917	70.2888	83.5238	768.744	1038.53	2.49047	5.67489	38.3981	-0.012188
2.31017	70.1323	84.0708	767.43	1032.29	2.49047	5.67625	38.3981	-0.012188
2.31117	70.4053	83.7971	762.747	1051.82	2.46802	5.67408	38.4484	-0.012813
2.31217	70.9515	83.5238	764.117	1090.34	2.43341	5.67375	38.2511	-0.010313
2.31317	70.815	83.9339	768.343	1088.07	2.42118	5.67219	38.2511	-0.010313
2.31417	70.1323	83.9339	760.005	1100.58	2.3845	5.68937	38.103	-0.011583
2.31517	70.6784	83.1133	755.084	1076.88	2.4008	5.68989	38.2511	-0.013125
2.31617	70.4053	83.9339	752.685	1038.16	2.37227	5.68989	38.9419	-0.012188
2.31717	70.4053	84.0708	746.87	1003.74	2.35189	5.67408	38.8458	-0.011583
2.31817	70.2888	83.7971	742.302	973.148	2.33151	5.67687	39.3386	-0.012813
2.31917	70.5419	83.5238	743.672	980.309	2.32335	5.67489	39.6327	-0.011583
2.32017	70.4053	82.9785	747.327	989.285	2.27444	5.67489	39.7314	-0.013438
2.32117	70.2888	83.9339	753.486	1004.43	2.29075	5.67989	39.8301	-0.013438
2.32217	70.6784	83.5238	750.982	1024.37	2.26829	5.68281	39.9288	-0.012188
2.32317	70.815	83.9339	752.124	1030.51	2.22553	5.68219	39.6327	-0.011583
2.32417	70.4053	84.3442	757.378	1027.78	2.27037	5.68489	39.534	-0.013125
2.32517	70.5419	83.6603	760.005	1025.8	2.2286	5.68489	39.7314	-0.009083
2.32617	70.2888	83.7971	760.805	1025.32	2.18884	5.68719	39.7314	-0.013438
2.32717	70.6784	83.6603	764.232	1018.83	2.15824	5.68781	40.8198	-0.012188
2.32817	70.1323	83.5238	761.49	1021.77	2.17882	5.68656	40.1755	-0.011583
2.32917	70.4053	82.9785	758.977	1061.38	2.14808	5.68989	40.8198	-0.011875
2.33017	70.6784	83.3888	763.318	1075.88	2.11855	5.67719	40.5209	-0.010313
2.33117	70.9515	83.5238	760.12	1085.15	2.08509	5.65344	40.0275	-0.012813
2.33217	69.7227	83.5238	753.609	1067.12	2.1114	5.63281	39.7314	-0.011875
2.33317	70.5419	83.5238	749.84	1040.88	2.06249	5.61887	39.7808	-0.012188
2.33417	70.6784	83.3888	748.698	1013.85	2.05028	5.66719	39.7808	-0.0125
2.33517	70.6784	83.3888	745.5	988.855	2.01357	5.68312	40.3235	-0.010938
2.33617	70.2888	84.0708	743.672	976.426	1.98087	5.68531	40.3235	-0.012188
2.33717	70.2888	83.5238	744.358	988.645	1.95243	5.68219	40.8198	-0.011875
2.33817	70.2888	83.5238	752.353	1024.78	1.95243	5.71084	41.2117	-0.014083
2.33917	70.4053	83.7971	751.782	1048.08	1.9078	5.70584	40.8198	-0.01125

2.34017	70.4053	83.6603	748.469	1050.73	1.91167	5.70719	40.8196	-0.011875
2.34117	70.1323	83.6603	751.668	1043.9	1.87091	5.70906	40.5209	-0.012188
2.34217	70.1323	83.25	753.723	1040.07	1.85461	5.70781	40.5209	-0.012188
2.34317	70.4053	83.7971	756.693	1038.25	1.85461	5.70887	40.8663	-0.013438
2.34417	70.2688	83.25	758.35	1035.7	1.81782	5.70469	41.0144	-0.012813
2.34517	70.2688	83.25	757.15	1035.02	1.80182	5.70469	41.1131	-0.01375
2.34617	70.6784	83.7971	753.952	1049.91	1.78483	5.70844	41.1824	-0.013125
2.34717	70.4053	84.0708	756.323	1083.23	1.72417	5.70906	41.1824	-0.009063
2.34817	69.8592	83.7971	757.378	1080.34	1.70379	5.71094	41.0144	-0.012813
2.34917	70.5419	83.3868	752.353	1065.69	1.70379	5.70969	41.2117	-0.011563
2.35017	70.6784	83.5236	748.698	1064.38	1.67526	5.71156	40.4222	-0.012813
2.35117	70.6784	83.5236	747.099	1040.07	1.8508	5.71219	40.5209	-0.012188
2.35217	70.4053	84.0708	746.298	1020.88	1.8508	5.71219	40.9157	-0.013125
2.35317	70.4053	83.7971	743.444	1006.81	1.80188	5.71312	40.9157	-0.011563
2.35417	70.6784	83.5236	743.444	996.913	1.81412	5.71281	41.1131	-0.013438
2.35517	70.4053	83.7971	745.157	1008.93	1.58559	5.71531	41.4091	-0.01125
2.35617	70.2688	84.2074	747.327	1035.7	1.55705	5.71688	41.3104	-0.010938
2.35717	70.5419	83.5236	750.525	1046.83	1.51628	5.71812	41.0144	-0.0126
2.35817	70.4053	84.0708	750.068	1054.28	1.46331	5.71781	40.8663	-0.010313
2.35917	70.815	83.7971	750.411	1046.83	1.4307	5.71906	40.8196	-0.01375
2.36017	70.2688	83.9339	752.01	1046.49	1.4307	5.71969	40.9157	-0.011563
2.36117	70.4053	83.6603	753.609	1045.4	1.41847	5.71856	40.7183	-0.011875
2.36217	70.4053	83.5236	753.952	1047.18	1.40624	5.70219	41.5078	-0.013125
2.36317	70.2688	83.1133	753.723	1048.81	1.38958	5.67812	41.7052	-0.011875
2.36417	70.6784	84.0708	751.439	1046.38	1.34918	5.65988	41.7052	-0.011875
2.36517	69.8592	83.7971	747.556	1042.28	1.34102	5.65858	42.0013	-0.01125
2.36617	70.2688	83.5236	745.271	1049.63	1.2585	5.72156	41.9026	-0.010625
2.36717	70.2688	83.5236	750.068	1075.58	1.25135	5.71812	41.8559	-0.012813
2.36817	70.2688	83.25	754.18	1081.87	1.21874	5.71719	41.0144	-0.012613
2.36917	70.9515	83.5236	750.297	1086.24	1.19429	5.71719	40.7183	-0.010313
2.37017	70.4053	83.6603	745.043	1072.85	1.18613	5.71888	40.8663	-0.013438
2.37117	70.4053	83.9339	745.5	1081.93	1.17391	5.71856	41.0144	-0.011875
2.37217	70.4053	83.9339	744.686	1049.77	1.13722	5.71562	41.2117	-0.011563
2.37317	70.4053	83.5236	744.129	1039.94	1.12907	5.71594	41.2117	-0.0125
2.37417	70.4053	83.5236	744.829	1032.97	1.10054	5.71489	41.8532	-0.011875
2.37517	70.4053	83.6603	746.756	1026.69	1.08016	5.71489	42.0013	-0.012188
2.37617	70.4053	83.3868	744.586	1023.55	1.0557	5.71312	42.0506	-0.010938
2.37717	70.1323	83.9339	743.901	1033.52	1.01494	5.70969	42.0506	-0.01375
2.37817	70.4053	84.2074	746.241	1049.36	0.990483	5.70969	41.7545	-0.012188
2.37917	70.6784	83.7971	751.688	1054.28	0.96195	5.70906	41.4585	-0.011563
2.38017	70.4053	83.5236	748.812	1057.56	0.949722	5.71281	41.0637	-0.011875
2.38117	70.6784	83.6603	748.155	1053.73	0.925266	5.71312	40.8663	-0.012188
2.38217	70.2688	83.5236	749.84	1055.37	0.928342	5.71344	41.1824	-0.012813
2.38317	70.6784	83.7971	750.411	1057.56	0.906733	5.71408	41.2117	-0.012813
2.38417	70.6784	83.7971	748.469	1060.15	0.864125	5.71438	41.5078	-0.011875
2.38517	70.4053	84.0708	748.241	1060.01	0.843744	5.71584	41.9026	-0.011563
2.38617	70.2688	84.0708	748.756	1058.6	0.794832	5.71219	42.4947	-0.011563
2.38717	70.6784	83.5236	745.388	1053.19	0.802984	5.71584	42.5934	-0.01375
2.38817	70.1323	83.6603	743.558	1049.63	0.745919	5.71937	42.7906	-0.012813
2.38917	70.4053	84.481	744.129	1048.27	0.762223	5.71969	42.4947	-0.010938
2.39017	70.4053	83.9339	744.815	1043.9	0.733691	5.72156	42.1493	-0.011563
2.39117	70.1323	83.3668	744.586	1054.14	0.708234	5.72281	41.7052	-0.009063

2.39217	70.2688	83.7971	745.5	1075.58	0.88293	5.72281	41.1131	-0.013438
2.39317	70.2688	83.7971	749.812	1083.78	0.880702	5.71489	41.2117	-0.01376
2.39417	70.5419	83.8803	748.414	1090.34	0.858248	5.89158	40.8883	-0.013438
2.39517	70.4053	84.0708	745.5	1082.65	0.831789	5.87219	41.0637	-0.014376
2.39617	70.4053	83.7971	745.957	1078.54	0.831789	5.85469	41.4091	-0.010938
2.39717	70.6784	83.5238	748.414	1068.21	0.595105	5.85719	41.7052	-0.012188
2.39817	70.4053	83.25	745.5	1060.83	0.807333	5.79187	42.1493	-0.010938
2.39917	70.4053	84.0708	745.5	1057.58	0.529888	5.71989	42.2973	-0.010938
2.40017	70.4053	83.5238	745.5	1057.15	0.51786	5.72406	42.1493	-0.011875
2.40117	69.9958	83.7971	744.588	1055.92	0.493203	5.71906	42.1998	-0.013438
2.40217	70.6784	83.7971	742.759	1055.1	0.501355	5.72082	42.0013	-0.012188
2.40317	70.6784	84.0708	743.558	1053.05	0.484671	5.71989	41.8039	-0.0125
2.40417	70.4053	83.9339	744.243	1049.81	0.448367	5.71719	41.8532	-0.013125
2.40517	70.4053	83.8803	745.043	1050.86	0.452443	5.71658	41.9026	-0.012813
2.40617	70.1323	83.5238	746.299	1059.47	0.427986	5.71658	41.4091	-0.012813
2.40717	70.6784	83.8803	747.87	1060.83	0.387226	5.71719	41.4091	-0.011563
2.40817	69.8592	83.7971	748.414	1062.75	0.379074	5.71489	41.1824	-0.011875
2.40917	70.2688	83.25	744.588	1060.58	0.387226	5.71158	41.0144	-0.012813
2.41017	70.4053	84.0708	745.728	1060.83	0.322009	5.71219	41.2117	-0.011583
2.41117	70.815	83.5238	746.071	1062.75	0.2894	5.71344	41.3598	-0.014063
2.41217	70.4053	84.0708	746.87	1066.3	0.264944	5.71562	41.7052	-0.013125
2.41317	70.4053	83.9339	748.013	1069.44	0.264944	5.71658	41.9519	-0.00875
2.41417	70.9515	83.7971	745.957	1068.78	0.238411	5.71906	42.1886	-0.012188
2.41517	70.1323	83.7971	744.472	1067.39	0.207879	5.71906	42.5934	-0.010313
2.41617	70.9515	83.5238	744.129	1063.57	0.203803	5.71969	42.8388	-0.011563
2.41717	70.6784	83.5238	743.901	1060.83	0.158968	5.71969	42.7908	-0.010626
2.41817	70.6784	83.7971	743.872	1059.8	0.118206	5.72531	42.7908	-0.012813
2.41917	70.4053	83.5238	744.129	1060.83	0.105878	5.72219	42.8895	-0.010313
2.42017	69.8592	83.7971	744.588	1062.34	0.122282	5.72281	42.6921	-0.0125
2.42117	70.5419	83.7971	743.872	1062.47	0.067065	5.72469	42.5934	-0.011563
2.42217	70.1323	83.8803	743.558	1061.93	0.028532	5.72375	42.988	-0.014063
2.42317	70.4053	83.5238	743.444	1061.11	-0.004076	5.72594	42.1988	-0.01376
2.42417	70.1323	83.5238	744.243	1059.19	-0.004076	5.72781	41.9026	-0.012813
2.42517	70.4053	83.5238	744.588	1057.01	-0.016304	5.71219	41.8039	-0.014063
2.42617	70.5419	83.5238	744.243	1056.48	-0.004076	5.88844	42.3467	-0.011563
2.42717	70.6784	83.7971	745.043	1061.93	-0.004076	5.88844	42.1	-0.012813
2.42817	70.4053	83.7971	747.927	1075.96	-0.004076	5.85094	41.7052	-0.011875
2.42917	70.4053	83.7971	747.558	1060.23	-0.004076	5.70812	41.9026	-0.011563
2.43017	70.4053	83.7971	748.071	1063.78	-0.004076	5.73406	41.5078	-0.012188
2.43118	70.4053	83.9339	745.5	1079.98	0.02038	5.72489	41.7545	-0.010938
2.43218	70.4053	83.5238	748.414	1076.4	-0.008152	5.72719	41.9519	-0.011583
2.43318	71.088	83.9339	745.5	1073.95	-0.008152	5.72594	42.0013	-0.012813
2.43418	70.4053	83.25	745.043	1071.35	-0.004076	5.72406	42.4454	-0.010938
2.43518	70.6784	83.7971	745.157	1072.85	-0.004076	5.72158	42.2973	-0.01126
2.43618	70.6784	82.9785	744.815	1074.49	-0.024456	5.72082	42.5441	-0.0125
2.43718	70.6784	83.3868	743.872	1076.95	-0.02038	5.71989	42.6934	-0.013438
2.43818	70.815	83.7971	743.215	1077.5	-0.004076	5.71937	42.7414	-0.012813
2.43918	70.4053	84.0708	743.901	1078.13	-0.016304	5.71562	42.9882	-0.012188
2.44018	70.815	83.7971	744.815	1075.04	-0.004076	5.71719	42.8427	-0.014063
2.44118	69.8592	83.9339	744.472	1073.26	-0.004076	5.71489	42.8895	-0.012188
2.44218	70.4053	84.2074	745.388	1071.9	0.024456	5.71719	42.8821	-0.012188
2.44318	70.4053	83.7971	745.5	1072.17	-0.004076	5.71531	42.7908	-0.011875

2.44418	70.4053	83.6236	745.043	1073.4	-0.012228	5.71594	42.5834	-0.012813
2.44518	70.4053	83.9339	745.043	1071.78	-0.004076	5.71969	42.4947	-0.013438
2.44618	70.1323	83.7971	745.5	1073.4	-0.004076	5.72281	42.4947	-0.010938
2.44718	70.1323	83.9339	745.5	1071.78	-0.012228	5.72158	42.1988	-0.013125
2.44818	70.5419	83.7971	745.957	1071.78	-0.004076	5.72219	42.396	-0.013438
2.44918	70.6784	83.7971	745.5	1071.21	-0.004076	5.72344	43.1855	-0.010938
2.45018	71.2248	83.9339	745.957	1070.94	0.028532	5.72469	42.4454	-0.011583
2.45118	70.1323	83.5236	744.358	1069.85	-0.008152	5.72687	42.5441	-0.012813
2.45218	70.2688	83.1133	744.588	1070.67	-0.004076	5.72656	42.4454	-0.012813
2.45318	70.4053	84.0706	744.929	1069.57	0.044837	5.72656	42.396	-0.012813
2.45418	70.5419	83.7971	744.929	1069.3	-0.008152	5.72719	42.2873	-0.011583
2.45518	70.6784	83.7971	744.815	1068.48	-0.008152	5.73062	42.1493	-0.01125
2.45618	70.4053	83.7971	744.358	1067.94	-0.008152	5.72656	42.1493	-0.0125
2.45718	70.4053	82.9765	744.929	1067.25	-0.016904	5.70437	42.3487	-0.009083
2.45818	70.6784	83.6603	743.788	1067.25	-0.02038	5.67781	42.0013	-0.015813
2.45918	70.6784	83.5236	745.271	1068.07	-0.012228	5.66281	42.1493	-0.012813
2.46018	70.6784	83.7971	745.957	1067.68	-0.004076	5.67908	42.1988	-0.011583
2.46118	70.1323	82.9765	745.271	1068.3	-0.004076	5.74281	41.9519	-0.013125
2.46218	70.6784	83.3868	744.929	1064.79	-0.004076	5.72719	41.8039	-0.011583
2.46318	70.815	83.9339	745.157	1064.11	-0.004076	5.72719	41.8532	-0.01125
2.46418	70.815	83.7971	745.5	1063.84	0.040781	5.72594	41.4091	-0.011583
2.46518	70.4053	83.25	745.271	1063.57	-0.024458	5.72594	41.4091	-0.010313
2.46618	70.5419	83.9339	745.271	1063.98	-0.004076	5.72656	41.3104	-0.011583
2.46718	70.4053	83.6603	744.588	1063.29	-0.004076	5.72594	41.1624	-0.012188
2.46818	70.9515	83.7971	745.386	1061.93	-0.004076	5.72344	41.3598	-0.011875
2.46918	70.2688	83.7971	745.5	1061.93	-0.02038	5.72094	40.9157	-0.014063
2.47018	70.4053	83.7971	744.358	1062.34	-0.004076	5.71969	41.1131	-0.011583
2.47118	70.4053	83.7971	744.815	1063.57	-0.004076	5.71969	41.1624	-0.012813
2.47218	70.2688	83.1133	744.358	1063.57	-0.012228	5.71844	40.7183	-0.012813
2.47318	70.6784	83.7971	744.016	1062.47	-0.012228	5.71875	40.8683	-0.012813
2.47418	70.815	83.5236	744.358	1061.93	0.012228	5.71719	40.7183	-0.012813
2.47518	70.4053	84.2074	743.901	1060.83	-0.004076	5.72281	40.9157	-0.010813
2.47618	71.088	83.6603	744.588	1059.74	0.02038	5.72219	40.965	-0.012813
2.47718	70.2688	83.7971	743.901	1058.06	-0.004076	5.72219	40.7878	-0.012188
2.47818	70.9515	83.9339	744.358	1058.65	-0.004076	5.72375	40.8198	-0.011875
2.47918	70.9515	83.7971	744.128	1058.51	-0.004076	5.72781	40.4222	-0.012188
2.48018	70.5419	84.0706	743.215	1057.01	-0.044837	5.72531	39.9781	-0.014063
2.48118	70.4053	84.0706	742.967	1057.56	-0.004076	5.72719	40.2249	-0.012188
2.48218	70.4053	83.25	743.672	1058.33	0.02038	5.73094	40.5208	-0.012813
2.48318	70.6784	83.7971	743.215	1058.46	0.024458	5.73219	40.0275	-0.012813
2.48418	70.815	83.6603	742.302	1054.82	-0.004076	5.73719	40.1282	-0.012188
2.48518	70.815	83.5236	740.017	1053.19	-0.004076	5.73408	39.8301	-0.013438
2.48618	70.2688	83.7971	738.875	1062.78	-0.004076	5.73594	39.7808	-0.013438
2.48718	70.6784	83.9339	737.505	1052.37	-0.004076	5.73469	39.6327	-0.013125
2.48818	70.4053	83.6603	736.02	1052.37	-0.008152	5.71312	39.2873	-0.011583
2.48918	70.2688	83.7971	734.992	1051	-0.004076	5.69219	39.238	-0.011875
2.49018	70.6784	83.7971	733.507	1049.83	-0.004076	5.67594	39.0408	-0.012813
2.49118	70.5419	83.9339	732.022	1048.13	-0.024458	5.67989	38.8458	-0.012813
2.49218	69.8592	83.5236	730.88	1048.22	-0.004076	5.74489	38.9419	-0.0125
2.49318	70.9515	83.5236	729.968	1045.26	-0.004076	5.73187	38.238	-0.012188
2.49418	70.4053	84.0706	729.509	1043.76	-0.004076	5.73489	38.5865	-0.012813
2.49518	70.4053	84.2074	729.281	1041.99	-0.004076	5.73594	38.4484	-0.012188

2.48618	70.6784	83.5238	729.986	1041.03	-0.004078	5.73312	38.3498	-0.012813
2.48718	70.4053	83.5238	729.281	1039.39	0.052988	5.73281	38.103	-0.013438
2.48818	70.4053	83.5238	729.624	1037.89	-0.004078	5.73187	38.0537	-0.010625
2.48918	70.2688	83.5238	730.88	1036.25	-0.004078	5.73094	38.0537	-0.010313
2.50018	70.4053	83.7871	731.337	1034.2	-0.004078	5.72937	37.8589	-0.011875
2.50118	70.815	84.0706	731.794	1031.33	-0.004078	5.73094	37.8589	-0.011583
2.50218	70.4053	83.6803	732.022	1028.05	-0.038885	5.72408	37.0888	-0.01825
2.50318	70.4053	83.1133	733.621	1026.98	-0.004078	5.72594	37.0888	-0.013125
2.50418	70.1323	83.7971	733.984	1025.87	-0.02038	5.72583	37.7083	-0.013438
2.50518	70.1323	84.0706	734.535	1023.65	-0.008152	5.72858	37.2842	-0.012188
2.50618	70.4053	83.3888	735.106	1022.45	-0.004078	5.72889	37.1655	-0.012188
2.50718	70.6784	83.5238	735.791	1020	-0.004078	5.72781	36.8694	-0.013438
2.50818	70.5419	83.6803	735.449	1017.95	0.038885	5.72908	36.5733	-0.012188
2.50918	70.4053	83.25	735.449	1014.87	-0.004078	5.72989	36.376	-0.012188
2.51018	70.4053	83.5238	735.677	1012.21	-0.008152	5.73094	36.5733	-0.012188
2.51118	70.6784	83.5238	735.449	1010.88	-0.004078	5.73094	36.8227	-0.012813
2.51218	70.6784	83.5238	735.791	1007.16	-0.004078	5.73281	36.2773	-0.011875
2.51318	70.6784	83.9339	734.763	1003.74	-0.040781	5.72989	35.8825	-0.013125
2.51418	70.2688	83.7971	735.449	1002.65	-0.004078	5.73344	36.2279	-0.0125
2.51518	70.9515	83.6803	735.791	1001.83	0.028532	5.73666	36.2773	-0.011583
2.51618	70.4053	83.5238	734.535	999.235	-0.004078	5.73584	35.8332	-0.012188
2.51718	70.1323	83.5238	734.421	997.48	-0.004078	5.73781	35.8825	-0.011583
2.51818	70.6784	83.7971	733.393	993.908	-0.008152	5.72156	35.5885	-0.011875
2.51918	70.4053	83.5238	733.164	991.723	0.028532	5.69844	35.4384	-0.010938
2.52018	70.6784	83.5238	732.583	988.582	-0.004078	5.67812	35.3891	-0.011583
2.52118	70.4053	83.1133	732.707	986.533	0.028532	5.68187	35.2904	-0.01125
2.52218	70.6784	83.5238	732.022	983.118	-0.004078	5.68375	35.3891	-0.012813
2.52318	70.2688	83.7971	731.794	981.07	-0.004078	5.74594	35.1917	-0.013438
2.52418	70.4053	83.25	732.479	978.085	-0.008152	5.72813	35.093	-0.010313
2.52518	70.9515	83.7971	731.794	976.428	0.02038	5.73094	35.093	-0.012188
2.52618	70.1323	83.7971	732.707	973.284	-0.004078	5.72844	35.0437	-0.012188
2.52718	70.4053	83.9339	733.393	971.782	-0.004078	5.73344	34.8982	-0.010938
2.52818	70.1323	83.7971	733.507	968.504	-0.004078	5.73344	34.5502	-0.012813
2.52918	70.2688	83.5238	733.621	965.226	-0.012228	5.72989	34.3035	-0.013125
2.53018	70.4053	83.5238	733.621	962.631	0.024456	5.72687	34.4022	-0.013125
2.53118	70.9515	83.5238	734.078	960.309	0.024456	5.72876	34.3035	-0.011583
2.53218	70.4053	83.7971	734.182	957.031	-0.004078	5.72687	34.2048	-0.010938
2.53318	70.9515	83.7971	734.306	955.119	-0.004078	5.72489	34.0568	-0.012188
2.53418	69.8592	83.7971	733.984	951.568	-0.02038	5.72344	33.7807	-0.011875
2.53518	70.4053	83.7971	734.763	948.838	-0.008152	5.72312	33.8694	-0.0125
2.53618	70.9515	83.7971	733.393	948.851	-0.004078	5.72594	33.7807	-0.013125
2.53718	70.4053	83.5238	731.794	943.51	-0.004078	5.72344	34.0568	-0.013438
2.53818	70.5419	84.2074	730.88	941.188	0.028532	5.72531	33.6127	-0.010938
2.53918	70.1323	83.9339	729.738	939.139	-0.004078	5.72594	33.514	-0.012813
2.54018	70.2688	83.9339	728.481	938.271	-0.004078	5.72489	33.4646	-0.012813
2.54118	70.4053	84.2074	727.81	933.676	0.044837	5.72437	33.3188	-0.013125
2.54218	70.4053	84.2074	728.788	930.807	-0.02038	5.72563	33.1192	-0.010938
2.54318	70.4053	84.0706	728.54	928.622	-0.004078	5.72719	32.9218	-0.013438
2.54418	70.815	83.5238	728.311	925.754	-0.004078	5.72908	32.8232	-0.012188
2.54518	70.5419	83.5238	728.083	921.52	-0.004078	5.73187	33.0205	-0.012188
2.54618	70.4053	83.5238	728.425	919.198	-0.032809	5.73218	32.8218	-0.010938
2.54718	70.5419	83.5238	728.882	918.057	-0.004078	5.73582	32.5271	-0.014063

2.54818	70.4053	84.0706	727.568	913.325	-0.004076	5.73489	33.1192	-0.010938
2.54918	69.8592	83.5236	728.024	911.686	-0.004076	5.72584	32.5271	-0.012813
2.55018	70.815	83.6603	728.596	908.545	-0.004076	5.70408	32.3297	-0.010938
2.55118	70.5419	83.5236	726.481	905.876	-0.004076	5.68531	32.3297	-0.011875
2.55218	70.1323	83.6603	728.938	903.491	0.02038	5.66489	32.083	-0.012813
2.55318	70.2688	83.6603	729.281	900.823	-0.004076	5.68584	31.8349	-0.011583
2.56418	70.4053	83.9339	729.738	897.481	-0.004076	5.74781	32.083	-0.014083
2.55518	70.6784	83.25	729.052	896.118	-0.004076	5.73156	31.8383	-0.012188
2.55618	70.4053	83.7971	728.824	892.291	-0.012228	5.73656	31.8858	-0.011875
2.55718	70.6784	83.9339	728.387	888.467	-0.004076	5.73312	31.8882	-0.010313
2.55818	70.4053	83.5236	727.91	886.282	-0.008152	5.73031	31.4416	-0.013438
2.55918	70.4053	83.7971	727.568	884.086	-0.004076	5.72906	32.0336	-0.011875
2.56018	69.7227	83.3888	728.54	881.911	-0.008152	5.72719	31.2936	-0.012188
2.56118	70.4053	83.9339	728.311	879.589	-0.004076	5.72844	31.5402	-0.012813
2.56218	70.4053	83.7971	725.854	877.287	-0.004076	5.72781	31.2936	-0.013438
2.56318	70.4053	84.0706	725.989	875.355	0.02038	5.72489	31.1454	-0.012188
2.56418	70.1323	83.7971	725.397	872.214	0.038885	5.72437	31.1454	-0.012188
2.56518	70.4053	83.3888	725.826	869.072	-0.02038	5.72489	31.1454	-0.012813
2.56618	70.2688	83.3888	725.854	867.287	-0.004076	5.72687	30.8	-0.012813
2.56718	70.9515	83.6603	726.311	864.702	0.02038	5.72844	30.9481	-0.011875
2.56818	70.6784	83.7971	727.225	861.87	-0.004076	5.72625	30.7507	-0.009063
2.56918	70.4053	83.6603	726.197	859.238	-0.004076	5.72844	30.8987	-0.012813
2.57018	70.4053	83.7971	728.768	856.507	-0.004076	5.73084	30.7013	-0.012813
2.57118	70.4053	84.0706	727.225	855.141	-0.004076	5.73281	30.852	-0.012188
2.57218	70.1323	83.6603	728.682	852.882	-0.004076	5.73684	30.3559	-0.012188
2.57318	70.5419	83.5236	727.796	850.381	-0.004076	5.73719	30.3559	-0.0125
2.57418	70.6784	83.5236	727.225	847.829	-0.004076	5.73719	30.3559	-0.010938
2.57518	70.6784	83.7971	727.225	845.307	0.044837	5.73844	30.3559	-0.01125
2.57618	70.4053	82.9785	727.588	842.849	-0.004076	5.74344	29.8131	-0.01375
2.57718	70.1323	83.7971	728.682	841.758	-0.004076	5.74344	29.8625	-0.01375
2.57818	70.5419	83.7971	728.768	837.385	-0.004076	5.74408	29.8625	-0.013438
2.57918	70.815	83.6603	727.225	836.156	-0.012228	5.74489	30.0588	-0.010938
2.58018	70.9515	83.7971	726.311	833.834	-0.004076	5.73219	29.8625	-0.014083
2.58118	70.1323	83.5236	725.74	831.102	-0.004076	5.70719	30.1585	-0.012813
2.58218	70.4053	83.6603	726.54	829.464	-0.004076	5.68844	29.9612	-0.013125
2.58318	70.1323	83.5236	726.826	827.278	-0.004076	5.67825	29.7838	-0.0125
2.58418	70.2688	83.5236	725.512	825.503	0.028532	5.73688	29.9612	-0.011875
2.58518	70.4053	83.5236	725.854	823.181	-0.004076	5.74813	29.7838	-0.013125
2.58618	70.4053	83.7971	725.055	820.722	-0.004076	5.73869	29.8131	-0.01125
2.58718	70.1323	83.5236	725.055	818.4	-0.004076	5.74312	29.8625	-0.011875
2.58818	70.4053	83.5236	725.189	817.991	-0.004076	5.74156	29.8651	-0.012813
2.58918	70.4053	83.5236	725.283	814.439	-0.012228	5.74084	29.7838	-0.012188
2.59018	70.4053	84.2074	725.854	812.8	-0.004076	5.73869	29.8651	-0.01125
2.59118	70.2688	84.0706	724.941	809.832	-0.004076	5.73688	29.7838	-0.013125
2.59218	70.4053	83.7971	725.189	808.293	-0.004076	5.73656	30.3559	-0.010625
2.59318	70.815	83.7971	725.626	807.201	-0.004076	5.73531	29.7838	-0.013438
2.59418	70.2688	83.5236	725.397	805.152	-0.004076	5.73489	29.9118	-0.01125
2.59518	70.5419	83.3888	725.397	803.376	-0.004076	5.73656	29.7838	-0.011583
2.59618	70.4053	82.9785	725.626	801.484	0.024456	5.73344	29.9118	-0.01125
2.59718	70.4053	83.7971	725.397	799.869	-0.004076	5.73489	29.7838	-0.011583
2.59818	70.4053	83.7971	725.854	797.503	-0.012228	5.73869	29.8625	-0.011875
2.59918	70.4053	83.6603	724.941	796.137	-0.004076	5.73837	29.9612	-0.011583

2.60019	70.8515	83.5236	725.397	783.133	-0.004078	5.73969	29.9118	-0.010938
2.60119	70.4053	83.5236	724.598	791.357	-0.004078	5.73969	29.8825	-0.010938
2.60219	70.2688	83.25	724.484	789.581	-0.004078	5.73969	29.9118	-0.012188
2.60319	70.1323	83.5236	723.57	787.26	-0.004078	5.74344	30.0588	-0.011583
2.60419	70.4053	83.6603	724.027	787.533	-0.004078	5.74825	29.9612	-0.013438
2.60519	70.4053	83.5236	723.456	785.347	0.02038	5.74781	29.9612	-0.011583
2.60619	70.815	83.5236	724.255	784.391	-0.004078	5.74781	29.8625	-0.012813
2.60719	70.4053	83.3868	723.342	782.889	-0.008152	5.74719	29.9612	-0.012813
2.60819	70.2688	83.5236	723.113	781.119	-0.004078	5.74719	30.4546	-0.011583
2.60919	70.4053	82.9765	723.113	779.474	-0.004078	5.74844	30.1082	-0.012813
2.61019	70.4053	83.7971	723.342	779.884	-0.004078	5.73969	30.3559	-0.011583
2.61119	70.9515	83.3868	722.885	777.582	-0.004078	5.71684	30.6533	-0.011583
2.61219	70.1323	83.6603	724.484	778.655	-0.004078	5.88937	30.5039	-0.010313
2.61319	70.5419	83.3868	723.456	777.289	-0.004078	5.67969	30.5039	-0.0125
2.61419	70.4053	83.5236	724.027	776.787	0.028532	5.72969	30.6026	-0.010313
2.61519	70.5419	83.25	724.484	776.24	-0.004078	5.75219	30.8867	-0.012188
2.61619	70.6784	83.7971	724.826	775.514	0.02038	5.74469	30.7013	-0.013125
2.61719	70.4053	83.7971	724.826	775.104	0.02038	5.74889	30.8484	-0.011583
2.61819	70.9515	83.5236	725.854	773.465	0.028532	5.74469	31.0961	-0.011875
2.61919	70.2688	83.6603	724.37	773.328	0.044837	5.74375	31.0467	-0.0125
2.62019	70.1323	83.5236	724.941	773.465	-0.004078	5.74406	31.0961	-0.010625
2.62119	70.4053	83.5236	724.37	773.192	0.02038	5.74219	31.4415	-0.011583
2.62219	70.1323	83.7671	724.712	773.465	-0.004078	5.74344	31.1454	-0.0125
2.62319	70.2688	83.5236	725.169	773.465	-0.004078	5.74344	31.4415	-0.010313
2.62419	71.088	83.5236	724.484	772.372	-0.004078	5.73906	31.4808	-0.013438
2.62519	70.1323	83.5236	724.941	773.465	-0.004078	5.73781	31.8349	-0.011583
2.62619	69.7227	83.5236	724.712	772.918	-0.004078	5.73844	32.0336	-0.012188
2.62719	70.4053	83.6603	724.027	773.465	-0.004078	5.73781	32.0336	-0.012813
2.62819	69.7227	83.25	724.027	773.192	-0.004078	5.74281	31.9349	-0.012813
2.62919	69.7227	83.25	724.027	774.421	-0.004078	5.74084	31.9349	-0.012813
2.63019	70.815	83.6603	724.141	774.148	0.018304	5.74187	32.231	-0.012813
2.63119	70.4053	83.1133	724.37	775.104	-0.004078	5.74344	32.2804	-0.011583
2.63219	70.5419	83.7971	724.826	776.606	-0.004078	5.74531	32.3297	-0.008375
2.63319	70.4053	83.9339	724.255	775.85	-0.004078	5.74594	32.379	-0.013125
2.63419	70.4053	84.0706	724.941	775.923	-0.012228	5.74489	32.7245	-0.011583
2.63519	70.6784	83.3868	724.598	776.47	0.028532	5.74531	32.7245	-0.01375
2.63619	70.4053	83.8339	724.484	775.85	-0.004078	5.74583	33.0898	-0.0125
2.63719	69.8582	83.5236	724.712	776.879	-0.004078	5.74875	33.4153	-0.013438
2.63819	70.4053	83.7971	724.826	776.333	-0.004078	5.74906	33.4153	-0.012188
2.63919	70.4053	83.25	724.484	777.582	-0.004078	5.75219	33.514	-0.011583
2.64019	70.1323	83.5236	724.712	778.382	-0.004078	5.73094	33.514	-0.010313
2.64119	70.4053	84.0706	724.484	777.582	-0.004078	5.70906	33.4846	-0.012813
2.64219	69.8582	83.6603	724.712	777.582	-0.004078	5.68187	33.9087	-0.011583
2.64319	70.4053	83.5236	725.169	779.201	-0.004078	5.67856	33.9087	-0.011583
2.64419	70.4053	83.6603	724.027	777.582	-0.004078	5.72469	34.2048	-0.010625
2.64519	70.2688	82.9765	724.027	777.153	-0.004078	5.75836	34.5006	-0.013125
2.64619	70.5419	83.25	724.941	777.289	-0.004078	5.74875	34.1061	-0.013438
2.64719	70.4053	83.5236	724.027	776.879	-0.004078	5.75219	34.3035	-0.011583
2.64819	70.1323	83.5236	724.37	776.806	-0.004078	5.74989	34.2541	-0.01125
2.64919	69.9858	83.6603	724.37	777.018	-0.004078	5.74989	34.7476	-0.01125
2.65019	70.5419	83.5236	724.141	776.606	-0.004078	5.74969	34.7869	-0.011583
2.65119	70.4053	83.3868	724.484	776.743	-0.008152	5.74531	34.9843	-0.011583

2.65219	70.4053	83.3888	724.712	776.743	0.057065	5.74594	35.1917	-0.014083
2.65319	69.8592	83.3888	724.941	777.153	-0.004076	5.74469	35.3891	-0.011563
2.65419	69.5862	83.5236	724.484	776.743	-0.004076	5.74344	35.4878	-0.010938
2.65519	70.4053	83.7971	724.484	776.47	-0.004076	5.74281	35.6332	-0.012813
2.65619	70.4053	84.2074	725.512	776.743	-0.008152	5.74406	35.8332	-0.010938
2.65719	70.4053	83.5236	725.169	777.562	-0.004076	5.74469	36.0306	-0.013438
2.65819	70.2688	83.5236	724.826	777.163	-0.004076	5.74469	36.2773	-0.012188
2.65919	70.6784	83.5236	725.854	777.269	0.028532	5.74594	36.7707	-0.011563
2.66019	70.9515	83.7971	725.169	777.835	-0.004076	5.74583	36.4253	-0.011875
2.66119	69.9958	83.7971	725.397	777.835	-0.004076	5.74969	36.7707	-0.011563
2.66219	70.2688	83.5236	725.854	777.016	-0.004076	5.74844	36.8201	-0.012813
2.66319	70.5419	83.5236	726.063	776.382	0.040761	5.74969	36.8201	-0.013125
2.66419	70.5419	83.3888	726.197	777.835	-0.004076	5.75344	37.0174	-0.012813
2.66519	70.4053	84.2074	726.197	777.835	-0.004076	5.75437	37.4615	-0.011875
2.66619	70.2688	83.5236	726.654	776.782	0.039685	5.75625	36.8894	-0.012813
2.66719	70.4053	83.9339	726.197	777.562	-0.004076	5.75688	37.3629	-0.010313
2.66819	70.5419	83.7971	726.864	777.562	-0.012228	5.75694	37.2642	-0.012813
2.66919	70.1323	84.0706	726.768	778.245	-0.004076	5.76219	37.8563	-0.013125
2.67019	70.1323	83.3888	726.987	778.382	-0.004076	5.73187	37.955	-0.010938
2.67119	70.4053	83.7971	726.882	779.201	-0.012228	5.71281	37.8563	-0.013125
2.67219	70.1323	83.25	726.768	778.928	-0.044837	5.69469	38.2017	-0.014083
2.67319	70.4053	83.6603	726.654	778.928	-0.069293	5.68844	38.3991	-0.011875
2.67419	70.4053	83.6603	726.987	779.474	-0.073369	5.76719	38.3991	-0.012813
2.67519	70.2688	83.5236	726.768	779.201	-0.191575	5.76888	38.7445	-0.012188
2.67619	70.1323	83.3888	726.311	779.474	-0.313857	5.76844	38.7939	-0.01126
2.67719	70.4053	83.9339	727.111	778.928	-0.460595	5.76594	39.0406	-0.012813
2.67819	70.2688	84.0706	727.225	779.338	-0.67255	5.76906	39.0406	-0.012813
2.67919	70.2688	84.0706	726.882	778.382	-0.966026	5.75156	38.6952	-0.012188
2.68019	70.1323	83.5236	726.987	779.338	-1.21069	5.75156	39.0406	-0.012188
2.68119	70.2688	83.9339	727.225	779.474	-1.48778	5.75312	39.8327	-0.011875
2.68219	70.1323	83.5236	727.796	779.474	-1.76068	5.75156	39.0406	-0.011663
2.68319	70.1323	83.5236	728.139	780.021	-2.0095	5.75219	39.5834	-0.010313
2.68419	70.4053	83.5236	728.696	780.021	-2.22145	5.7476	39.389	-0.012188
2.68519	70.2688	83.5236	728.696	779.338	-2.35189	5.74719	39.8301	-0.013125
2.68619	70.2688	83.5236	729.738	780.567	-2.4008	5.74469	39.8301	-0.011563
2.68719	70.4053	83.7971	728.938	781.113	-2.3845	5.74719	39.9288	-0.010625
2.68819	70.4053	83.25	729.395	780.84	-2.33151	5.74781	39.5834	-0.019438
2.68919	70.1323	83.7971	729.509	780.567	-2.27444	5.75094	40.2249	-0.009375
2.69019	69.9958	83.5236	729.852	780.704	-2.20922	5.75187	40.0275	-0.012188
2.69119	70.4053	83.7971	729.509	781.113	-2.09917	5.75375	40.3729	-0.01125
2.69219	70.1323	83.5236	729.062	781.113	-2.05026	5.75469	40.817	-0.012813
2.69319	70.4053	83.5236	729.509	781.387	-2.00135	5.75969	40.2249	-0.012813
2.69419	70.5419	83.6603	730.195	781.86	-1.94836	5.75969	40.7678	-0.012188
2.69519	70.4053	83.6603	729.868	782.206	-1.83613	5.76219	40.4222	-0.011875
2.69619	70.4053	83.7971	729.624	782.206	-1.8402	5.76406	40.8663	-0.011875
2.69719	70.5419	83.1133	730.08	782.479	-1.97889	5.76469	40.7678	-0.010625
2.69819	70.4053	83.7971	729.509	782.343	-2.01785	5.76719	40.7183	-0.011875
2.69919	70.1323	83.5236	730.309	783.026	-2.0095	5.75094	41.0144	-0.011875
2.70019	70.6784	83.6603	729.966	782.752	-2.0258	5.72719	41.1131	-0.010938
2.70119	70.4053	83.5236	729.624	782.206	-2.06249	5.70406	40.6196	-0.014688
2.70219	70.1323	83.5236	730.537	783.299	-2.05026	5.69666	41.5078	-0.013438
2.70319	70.4053	84.0706	731.337	784.801	-2.06841	5.76625	41.8039	-0.012813