

EA02-025

FORD

OCTOBER 27, 2003

APPENDIX N

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PART 4 OF 4

3.38124	74.7756	81.3356	960.001	922.339	-0.004076	5.79531	42.396	-0.015938
3.38224	74.2292	80.5153	959.318	920.974	-0.004076	5.79437	42.6921	-0.013438
3.38324	75.1854	81.0622	958.859	921.383	0.028532	5.79719	42.7908	-0.014063
3.38424	74.7756	81.0622	958.544	922.066	-0.004076	5.80094	42.8895	-0.014063
3.38524	74.9122	80.3788	959.087	923.159	-0.004076	5.80219	42.9882	-0.014688
3.38624	74.5024	81.0622	958.173	921.247	-0.004076	5.80344	42.9882	-0.015625
3.38724	74.7756	80.9255	959.318	922.066	-0.004076	5.80094	43.0868	-0.012188
3.38824	75.4587	81.0622	958.689	920.974	-0.012228	5.80437	43.3336	-0.014688
3.38924	74.7756	81.1989	957.488	921.62	-0.004076	5.79469	43.6296	-0.013125
3.39024	74.7756	80.6521	957.845	922.066	0.02038	5.77344	43.6296	-0.012813
3.39124	75.0488	81.1989	958.173	922.339	-0.004076	5.75662	44.0737	-0.012813
3.39224	75.3221	80.9255	957.488	922.066	-0.004076	5.73219	43.7777	-0.013125
3.39324	75.0488	81.1989	957.488	923.432	0.024456	5.76969	44.0244	-0.012813
3.39424	74.839	80.7888	957.488	923.705	0.02038	5.81938	44.1724	-0.014063
3.39524	74.7756	81.0622	958.803	922.886	-0.016304	5.79969	44.1724	-0.013438
3.39624	75.0488	80.7888	957.831	924.661	-0.004076	5.80469	44.2711	-0.013438
3.39724	75.5953	81.1989	957.031	923.159	-0.004076	5.80344	44.4885	-0.014063
3.39824	74.7756	81.4724	958.288	922.886	-0.004076	5.80312	44.3698	-0.010313
3.39924	75.0488	81.0622	955.889	923.159	-0.004076	5.79969	44.5672	-0.014063
3.40024	74.7756	80.2419	955.546	922.886	-0.004076	5.79938	45.11	-0.014063
3.40124	74.5024	80.9255	955.661	923.295	-0.004076	5.79938	44.9126	-0.014375
3.40224	75.0488	81.6091	955.09	923.159	-0.004076	5.79719	44.9619	-0.013438
3.40324	75.0488	81.0622	955.432	923.705	0.028532	5.79469	45.11	-0.0125
3.40424	74.7756	81.0622	955.318	923.705	-0.004076	5.79219	44.8633	-0.014063
3.40524	74.7756	81.0622	955.204	922.476	-0.004076	5.79406	45.1593	-0.013438
3.40624	74.7756	81.0622	954.975	924.252	-0.004076	5.79625	45.2087	-0.014063
3.40724	74.7756	81.4724	954.861	924.252	-0.004076	5.79812	45.3074	-0.011563
3.40824	74.7756	81.0622	955.09	923.689	-0.004076	5.79969	45.5541	-0.013125
3.40924	74.7756	81.0622	955.204	923.842	-0.004076	5.79969	45.7515	-0.009888
3.41024	74.2292	80.7888	954.975	923.878	-0.004076	5.79656	45.6047	-0.014063
3.41124	74.7756	81.0622	955.204	924.252	0.028532	5.80187	45.6528	-0.01375
3.41224	74.7756	81.1989	954.833	924.798	-0.004076	5.80156	46.0969	-0.014063
3.41324	74.9122	80.7888	955.318	925.071	-0.004076	5.80656	45.6034	-0.01375
3.41424	75.7319	81.0622	954.975	925.617	-0.004076	5.80781	46.9488	-0.013125
3.41524	75.1854	81.0622	955.09	925.208	-0.004076	5.80906	46.0969	-0.012813
3.41624	75.0488	80.9255	954.747	925.617	0.024456	5.80844	46.0969	-0.012813
3.41724	75.0488	80.1052	954.747	924.798	-0.004076	5.80469	46.1462	-0.013126
3.41824	74.7756	81.0622	954.404	926.983	-0.004076	5.78437	46.1462	-0.0125
3.41924	75.0488	81.3356	954.176	925.071	-0.004076	5.75969	46.2449	-0.012813
3.42024	75.4587	80.7888	955.432	925.208	-0.004076	5.73969	46.2449	-0.011563
3.42124	75.3221	81.3356	953.833	925.208	-0.004076	5.75469	46.3436	-0.013438
3.42224	75.3221	80.9255	954.176	925.344	-0.004076	5.81969	46.7384	-0.013125
3.42324	75.0488	80.7888	954.062	926.164	0.02038	5.80437	46.2843	-0.012813
3.42424	74.7756	81.0622	953.605	926.164	-0.004076	5.80875	46.4423	-0.012813
3.42524	75.0488	80.5153	953.605	926.437	-0.004076	5.80969	46.5903	-0.012188
3.42624	75.1854	81.3356	953.378	926.437	-0.004076	5.80437	46.6397	-0.012813
3.42724	75.0488	80.5153	953.148	926.983	-0.004076	5.80562	46.689	-0.014063
3.42824	74.7756	81.4724	953.378	926.847	-0.004076	5.80469	46.6397	-0.014063
3.42924	75.0488	81.0622	953.378	926.622	0.02038	5.80437	46.8864	-0.012813

3.43025	75.4587	80.7888	952.348	928.164	-0.004076	5.79989	46.837	-0.012813
3.43125	75.0488	80.7888	953.148	927.529	-0.004076	5.79989	47.1825	-0.010826
3.43225	74.7756	80.9255	952.348	927.686	-0.004076	5.80094	47.1331	-0.013438
3.43325	75.3221	81.0622	952.348	927.256	-0.004076	5.79989	47.2811	-0.01376
3.43425	75.0488	81.1989	952.483	927.529	-0.004076	5.79989	47.4292	-0.011663
3.43525	75.3221	80.6521	952.234	928.349	-0.004076	5.8026	47.5286	-0.012813
3.43625	75.1854	80.2419	952.348	928.212	-0.004076	5.80219	47.4292	-0.014688
3.43725	74.839	80.9255	951.891	927.939	-0.004076	5.80219	47.6759	-0.014688
3.43825	75.4587	80.9255	952.006	928.488	0.048913	5.80562	47.8733	-0.012813
3.43925	75.5963	80.9255	952.234	928.622	-0.004076	5.80562	48.0213	-0.010938
3.44025	75.3221	80.7888	952.348	928.622	-0.004076	5.80625	47.7253	-0.012813
3.44125	75.3221	81.0622	952.483	928.032	-0.004076	5.80669	48.0707	-0.013125
3.44225	75.5963	80.6521	952.483	929.578	-0.004076	5.81094	48.268	-0.01125
3.44325	75.1854	81.3356	951.549	929.032	-0.004076	5.81094	48.0707	-0.013125
3.44425	75.0488	80.7888	951.891	929.032	-0.004076	5.81063	48.3174	-0.013438
3.44525	74.9122	81.3356	951.891	929.032	-0.004076	5.81063	48.7121	-0.013438
3.44625	75.3221	80.7888	951.32	929.988	-0.004076	5.79094	48.5148	-0.013125
3.44725	75.4587	81.0622	951.32	930.398	-0.004076	5.77062	48.9095	-0.011875
3.44825	75.4587	80.3786	952.006	930.261	-0.004076	5.76406	48.8109	-0.013125
3.44925	75.1854	81.1989	951.436	930.534	0.024466	5.76668	49.0082	-0.012188
3.45025	75.3221	80.9255	951.32	930.534	-0.008152	5.82594	49.1069	-0.014688
3.45125	75.4587	80.5153	950.863	932.037	-0.004076	5.81219	49.1069	-0.014063
3.45225	74.7756	80.7888	950.636	930.261	-0.004076	5.81719	49.3043	-0.014688
3.45325	75.3221	80.7888	951.092	931.354	-0.004076	5.81219	49.3043	-0.01125
3.45425	75.3221	80.7888	951.092	931.354	-0.004076	5.81125	49.8003	-0.012813
3.45525	75.3221	80.5153	950.635	931.9	-0.004076	5.81281	49.898	-0.012813
3.45625	75.1854	80.7888	950.635	932.173	-0.004076	5.81281	49.9951	-0.013438
3.45725	75.1854	80.7888	950.863	932.173	-0.004076	5.81063	49.8984	-0.0125
3.45825	75.3221	80.2419	950.635	932.856	-0.004076	5.80969	50.2912	-0.013125
3.45925	75.0488	80.9255	950.978	933.539	-0.004076	5.80719	50.2912	-0.011563
3.46025	75.5963	81.1989	950.521	932.893	0.032809	5.80489	50.4886	-0.013125
3.46125	74.7756	81.3356	950.178	932.893	-0.004076	5.80489	50.7846	-0.016313
3.46225	75.3221	81.0622	950.178	934.359	-0.004076	5.80989	50.8833	-0.014063
3.46325	75.4587	81.0622	950.178	933.539	-0.004076	5.80908	51.0313	-0.013125
3.46425	75.4587	81.1989	950.178	934.768	-0.004076	5.80908	51.0807	-0.010838
3.46525	75.7319	81.0622	950.749	934.632	-0.004076	5.80908	51.0313	-0.014063
3.46625	75.1854	80.7888	950.635	935.178	-0.004076	5.81156	51.6728	-0.012813
3.46725	75.3221	80.7888	950.635	935.724	-0.004076	5.81094	51.4754	-0.014063
3.46825	75.3221	81.3356	950.621	936.271	-0.004076	5.81156	51.5741	-0.014063
3.46925	75.3221	80.7888	950.178	936.544	-0.004076	5.81489	51.6728	-0.013438
3.47025	74.639	81.1989	950.863	937.227	-0.004076	5.81531	51.8702	-0.012813
3.47125	75.3221	81.3356	949.15	936.817	-0.004076	5.81489	52.0182	-0.013438
3.47225	75.3221	81.0622	949.721	937.637	-0.016304	5.81656	52.265	-0.013438
3.47325	75.3221	81.3356	950.064	938.729	-0.004076	5.80531	52.265	-0.012813
3.47425	75.5963	80.9255	950.178	938.458	-0.012228	5.78219	52.413	-0.012188
3.47525	75.3221	80.6521	949.95	939.002	-0.016304	5.75989	52.6597	-0.012188
3.47625	75.3221	81.3356	950.635	939.276	-0.028532	5.74219	52.6104	-0.013438
3.47725	75.4587	81.0622	949.95	940.095	-0.004076	5.77531	52.8078	-0.014688
3.47825	75.1854	80.6521	950.178	941.188	-0.004076	5.82719	53.0051	-0.015313

3.47825	75.4587	81.0622	950.178	941.734	-0.004076	5.81344	53.2519	-0.014063
3.48025	75.5953	81.1989	949.95	941.461	-0.004076	5.81719	53.4492	-0.013438
3.48125	75.8886	80.7888	950.178	941.734	-0.004076	5.81219	53.5479	-0.012188
3.48225	75.1854	81.0622	950.635	943.373	0.028532	5.81281	53.7946	-0.013438
3.48325	75.3221	81.3358	950.521	943.919	-0.004076	5.81344	53.844	-0.012188
3.48425	75.1854	80.9255	950.178	943.919	-0.008152	5.81094	53.7453	-0.014688
3.48525	75.3221	81.3358	950.178	945.012	-0.004076	5.81094	54.0414	-0.014083
3.48625	75.4587	80.2419	950.178	945.265	-0.004076	5.80969	54.0414	-0.012813
3.48725	75.5953	81.0622	949.95	945.568	-0.004076	5.80406	54.3374	-0.013125
3.48825	75.1854	81.0622	950.663	946.651	-0.004076	5.80594	54.2387	-0.014083
3.48925	75.0488	81.1989	949.95	946.651	-0.004076	5.80844	54.7815	-0.012813
3.49025	75.1854	81.1989	949.95	948.163	-0.004076	5.80969	54.3868	-0.014083
3.49125	74.639	80.9255	950.521	948.973	-0.004076	5.81281	54.8309	-0.01375
3.49225	75.1854	80.7888	950.178	949.383	-0.004076	5.80906	55.0283	-0.014063
3.49325	75.3221	81.6091	950.663	950.475	0.038885	5.81281	54.8309	-0.014688
3.49425	75.4587	81.1989	950.521	950.475	-0.008152	5.81094	55.0283	-0.013125
3.49525	75.3221	80.7888	950.635	951.978	-0.004076	5.81582	55.127	-0.014063
3.49625	75.4587	81.0622	950.178	951.568	-0.004076	5.81812	55.275	-0.011563
3.49725	75.3221	80.9255	950.407	952.114	-0.008152	5.8175	55.3737	-0.013125
3.49825	75.8685	80.9255	951.32	952.114	-0.024456	5.81844	55.0776	-0.013438
3.49925	75.3221	81.0622	951.092	954.163	0.02038	5.82437	55.5711	-0.012813
3.50025	75.5953	81.1989	950.178	954.436	-0.004076	5.82158	55.9165	-0.013438
3.50125	75.3221	80.6153	950.635	956.665	-0.004076	5.80406	55.7191	-0.014063
3.50225	75.4587	80.9255	950.663	957.031	-0.004076	5.78344	55.8178	-0.014063
3.50325	75.5953	81.1989	950.178	958.895	-0.004076	5.75989	56.0152	-0.015313
3.50425	75.3221	80.9255	951.435	958.67	-0.004076	5.75094	56.9658	-0.012813
3.50525	75.3221	81.3358	950.635	959.217	0.024456	5.82219	56.0152	-0.011563
3.50625	75.1854	80.7888	950.635	959.899	-0.004076	5.82594	56.2125	-0.013125
3.50725	75.0488	80.7888	950.635	960.582	-0.004076	5.82219	56.2819	-0.012188
3.50825	75.3221	80.7888	950.635	961.129	-0.004076	5.82219	56.3806	-0.012813
3.50925	75.3221	80.7888	950.178	961.812	-0.016304	5.81906	56.4099	-0.014688
3.51025	75.0488	80.7888	950.663	963.041	-0.012228	5.81675	56.4099	-0.014375
3.51125	75.0488	80.2419	950.978	963.86	-0.004076	5.81844	57.0514	-0.014063
3.51225	75.3221	81.0622	951.092	964.953	-0.004076	5.81938	56.706	-0.013125
3.51325	74.7756	80.9255	950.663	965.773	-0.004076	5.81844	56.706	-0.012813
3.51425	75.3221	80.7888	951.092	966.182	0.02038	5.81406	57.0021	-0.013125
3.51525	75.4587	81.1989	951.32	967.821	0.040761	5.81406	57.0021	-0.013125
3.51625	75.3221	81.3358	951.092	968.231	-0.02038	5.81531	56.8047	-0.012813
3.51725	75.3221	81.0622	951.777	968.777	-0.004076	5.81406	57.1994	-0.013438
3.51825	75.3221	81.0622	951.32	969.05	-0.008152	5.81531	57.0514	-0.014375
3.51925	75.3221	81.1989	951.092	970.143	-0.004076	5.81656	57.1007	-0.014083
3.52025	75.5953	81.3358	951.206	970.143	-0.038885	5.81594	56.7553	-0.015313
3.52125	75.1854	81.0622	951.435	971.782	-0.004076	5.81719	57.0514	-0.014083
3.52225	75.4587	81.6091	952.006	973.284	-0.004076	5.82188	57.6928	-0.014083
3.52325	75.3221	80.2419	951.777	973.967	0.02038	5.82489	57.5448	-0.013125
3.52425	75.4587	80.6153	952.006	975.197	-0.004076	5.82719	57.8435	-0.01376
3.52525	75.5953	81.1989	951.32	975.333	-0.004076	5.82406	57.5942	-0.013125
3.52625	75.4587	81.3358	951.32	977.245	-0.004076	5.82625	57.7916	-0.014688
3.52725	74.7756	81.1989	951.891	977.519	0.02038	5.82594	57.6928	-0.015313

3.52825	75.5953	80.6521	951.549	978.748	-0.004078	5.82062	57.8929	-0.012813
3.52925	75.3221	80.5153	952.006	979.84	-0.004076	5.79562	57.7916	-0.014375
3.53025	75.0488	81.1989	951.777	979.877	-0.004078	5.77469	57.8409	-0.012813
3.53125	75.7319	81.3356	951.663	980.623	-0.02038	5.76469	57.8668	-0.0176
3.53225	75.3221	81.0622	951.32	981.889	-0.004076	5.79781	57.7816	-0.013438
3.53325	75.5953	81.0622	952.006	982.845	-0.004076	5.83989	58.3344	-0.013438
3.53425	75.1854	81.1989	952.348	984.211	0.02038	5.82631	57.7916	-0.014063
3.53525	75.4587	80.9255	951.435	984.211	-0.004076	5.82844	57.9889	-0.015313
3.53625	75.4587	81.8091	951.663	985.031	-0.02038	5.82656	58.285	-0.014063
3.53725	75.5953	81.0622	952.006	986.26	0.061141	5.82781	57.9889	-0.012188
3.53825	75.8885	80.9255	952.006	987.079	-0.016304	5.82719	58.1863	-0.011563
3.53925	75.0488	81.1989	952.463	987.626	-0.004076	5.82781	57.9889	-0.012188
3.54025	75.4587	81.1989	952.919	989.265	-0.004076	5.82406	57.9889	-0.012188
3.54125	75.3221	80.7888	952.919	989.811	-0.012228	5.82188	58.1863	-0.011563
3.54225	75.3221	81.0622	952.234	989.991	-0.044837	5.81989	57.6448	-0.015
3.54325	75.4587	81.3356	952.234	991.177	-0.008152	5.81844	58.1863	-0.014063
3.54425	75.4587	81.8091	952.006	991.996	-0.004076	5.81869	58.3344	-0.015313
3.54525	75.1854	81.1989	952.463	993.362	-0.004076	5.82344	57.9889	-0.01375
3.54625	75.0488	81.0622	952.348	994.182	0.028532	5.82719	58.3837	-0.013125
3.54725	75.3221	80.9255	952.234	994.182	0.028532	5.82406	58.3837	-0.014063
3.54825	75.3221	81.0622	952.463	995.138	-0.004076	5.82531	58.3344	-0.013125
3.54925	75.5953	81.3356	952.677	995.274	0.024456	5.82582	58.3344	-0.012813
3.55025	75.7319	80.9255	952.805	996.094	-0.004076	5.82594	58.285	-0.015313
3.55125	75.8885	81.3356	952.919	997.869	-0.004076	5.82844	58.2357	-0.014376
3.55225	75.5953	81.1989	952.805	998.006	-0.004076	5.83219	58.3837	-0.013438
3.55325	75.5953	81.0622	952.919	998.813	-0.044837	5.82969	57.8888	-0.014688
3.55425	75.1854	81.0622	952.006	998.825	-0.004076	5.83219	58.3344	-0.015313
3.55525	75.5953	81.0622	952.919	999.508	-0.004076	5.82969	58.8772	-0.012813
3.55625	75.4587	80.5153	952.348	999.372	-0.02038	5.80906	58.285	-0.012813
3.55725	75.5953	81.0622	952.805	1000.19	-0.004076	5.79158	58.285	-0.0125
3.55825	75.8885	81.1989	952.919	1001.01	-0.004076	5.77312	58.285	-0.011875
3.55925	75.5953	80.7888	953.148	1002.38	0.02038	5.80312	57.9889	-0.013438
3.56025	75.3221	81.8091	952.891	1002.51	-0.004076	5.84781	57.8903	-0.01375
3.56125	75.7319	80.7888	953.148	1002.82	-0.004076	5.83281	57.9889	-0.012813
3.56225	75.5953	81.1989	952.919	1004.02	-0.004076	5.83844	57.8409	-0.01375
3.56325	75.7319	80.9255	952.919	1004.68	-0.004076	5.83344	57.7916	-0.013438
3.56425	75.1854	81.1989	952.234	1004.29	-0.02038	5.83063	57.7916	-0.0125
3.56525	75.5953	81.0622	952.12	1005.11	-0.012228	5.83219	57.7916	-0.015313
3.56625	75.0488	81.1989	952.805	1005.66	-0.004076	5.83344	58.1863	-0.014063
3.56725	75.3221	81.1989	952.891	1005.66	-0.004076	5.82937	57.8409	-0.015313
3.56825	75.5953	81.0622	953.148	1007.02	-0.004076	5.82969	57.7916	-0.012813
3.56925	75.3221	81.0622	952.006	1007.02	-0.004076	5.82781	57.7422	-0.014063
3.57025	75.5953	81.1989	952.891	1007.98	-0.004076	5.82658	57.4955	-0.013125
3.57125	75.5953	81.3356	953.376	1008.39	-0.004076	5.82719	57.7916	-0.01375
3.57225	75.3221	81.3356	952.891	1008.93	-0.004076	5.82969	57.8435	-0.012813
3.57325	75.3221	81.0622	952.919	1008.93	-0.004076	5.82781	57.4955	-0.012813
3.57425	75.7319	81.0622	952.919	1008.93	-0.004076	5.82969	57.4462	-0.013125
3.57525	75.4587	81.0622	953.148	1008.93	-0.02038	5.83031	57.1007	-0.01125
3.57625	75.5953	81.3356	952.919	1010.43	-0.004076	5.83219	57.2981	-0.014688

3.57726	75.7319	81.0822	952.919	1010.57	0.024456	5.83344	57.5942	-0.012813
3.57826	75.4587	81.0822	952.577	1011.39	-0.004076	5.83562	57.1501	-0.013438
3.57926	75.0488	81.0822	952.919	1011.68	-0.004076	5.83812	57.2981	-0.012813
3.58026	75.3221	81.1989	953.034	1011.68	0.028532	5.83887	58.9034	-0.013438
3.58126	75.0488	81.1989	952.805	1012.21	-0.004076	5.84094	58.9034	-0.013438
3.58226	75.7319	80.9255	952.577	1012.21	0.02038	5.82989	57.0021	-0.011875
3.58326	75.5953	81.0822	953.148	1013.3	-0.004076	5.80468	58.6073	-0.013438
3.58426	76.1418	80.7888	952.919	1014.4	-0.004076	5.78594	58.5086	-0.014063
3.58526	75.5953	80.6521	952.919	1013.85	-0.004076	5.78989	58.708	-0.014063
3.58626	75.5953	81.1989	953.148	1014.53	-0.004076	5.81094	58.4099	-0.012813
3.58726	74.7756	81.7458	952.463	1014.4	-0.004076	5.85125	58.2125	-0.014688
3.58826	75.5953	81.0822	952.463	1014.67	-0.004076	5.83938	58.7553	-0.015313
3.58926	75.8885	80.7888	952.919	1015.76	0.028532	5.84344	58.4099	-0.011875
3.59026	75.7319	81.1989	952.008	1018.03	-0.004076	5.84158	58.2819	-0.0125
3.59126	75.3221	81.0822	952.577	1018.72	-0.004076	5.84219	58.1138	-0.012813
3.59226	75.5953	80.9255	952.919	1018.31	0.02038	5.83844	58.2125	-0.014063
3.59326	75.7319	81.0822	952.008	1017.13	-0.004076	5.83719	58.0152	-0.014063
3.59426	75.5953	81.0822	952.463	1017.13	-0.004076	5.83989	55.9658	-0.014063
3.59526	75.3221	80.6521	952.805	1018.22	-0.004076	5.83875	55.9165	-0.013438
3.59626	75.7319	81.0822	952.234	1017.95	-0.004076	5.83594	55.9658	-0.013438
3.59726	75.5953	81.1989	953.833	1018.77	-0.004076	5.83858	55.7191	-0.011583
3.59826	75.5953	80.7888	951.549	1017.87	-0.032608	5.83531	55.8204	-0.014688
3.59926	75.0488	81.3356	951.777	1018.22	-0.028532	5.83719	55.7884	-0.014375
3.60026	75.5953	81.0822	952.008	1018.77	0.028532	5.83719	55.6711	-0.014688
3.60126	75.3221	81.1989	952.463	1019.31	-0.004076	5.84312	55.423	-0.013125
3.60226	75.5953	81.0822	952.008	1019.31	-0.008152	5.83781	55.2258	-0.012813
3.60326	75.7319	80.9255	952.008	1018.77	-0.004076	5.83989	55.1783	-0.013125
3.60426	75.3221	81.0822	952.891	1019.86	-0.004076	5.84489	55.127	-0.013125
3.60526	75.3221	81.0822	951.891	1020.13	-0.004076	5.84437	55.0283	-0.015313
3.60626	75.5953	81.3356	952.008	1021.22	-0.004076	5.84408	54.8829	-0.011583
3.60726	75.8885	80.6521	952.234	1020	-0.004076	5.84887	54.8309	-0.013438
3.60826	75.8885	81.1989	953.378	1020.96	-0.004076	5.84781	54.6829	-0.010313
3.60926	75.5953	81.0822	951.549	1020.82	-0.004076	5.82844	54.6348	-0.018876
3.61026	75.1854	81.1989	952.008	1020.96	-0.004076	5.80781	54.8309	-0.014063
3.61126	75.5953	80.6521	952.008	1020.88	-0.004076	5.78594	54.3868	-0.013125
3.61226	75.4587	80.6521	952.234	1021.38	-0.004076	5.78887	54.4361	-0.011875
3.61326	75.5953	80.5153	952.008	1021.22	-0.004076	5.88188	54.1401	-0.013438
3.61426	75.3221	81.4724	952.234	1021.77	0.024456	5.85156	54.0414	-0.012188
3.61526	75.5953	81.1989	952.348	1022.18	-0.004076	5.85187	53.9427	-0.013438
3.61626	75.4587	80.9255	951.777	1021.22	-0.018304	5.84844	53.8933	-0.013438
3.61726	75.5953	80.7888	951.777	1024.09	-0.004076	5.85156	53.7453	-0.014688
3.61826	75.3221	81.1989	951.549	1021.5	-0.012228	5.84719	53.4482	-0.013438
3.61926	75.5953	81.8091	951.777	1022.32	-0.004076	5.84844	53.4988	-0.011875
3.62026	75.5953	81.0822	951.549	1022.59	-0.004076	5.84719	53.2519	-0.014375
3.62126	75.3221	80.7888	951.549	1021.77	-0.004076	5.84219	53.2519	-0.01375
3.62226	75.7319	80.6521	951.549	1022.59	-0.004076	5.84408	53.3605	-0.012813
3.62326	75.8885	80.7888	951.435	1023	-0.004076	5.84558	53.1038	-0.013125
3.62426	75.5953	80.2419	951.777	1023.88	0.02038	5.84375	53.2519	-0.013125
3.62526	75.5953	81.3356	951.32	1023.14	0.02038	5.84469	52.8571	-0.013438

3.62626	75.5953	80.7888	950.178	1023.68	-0.004078	5.84437	52.561	-0.013125
3.62726	75.5953	81.3356	951.32	1024.23	-0.004078	5.84812	52.561	-0.014063
3.62826	75.5953	80.9255	951.32	1024.23	0.02038	5.84656	52.4623	-0.013125
3.62826	75.7319	80.2419	951.32	1023.14	-0.016304	5.84844	52.4623	-0.012813
3.63026	75.7319	80.5153	952.463	1023.68	-0.004078	5.84969	52.561	-0.010313
3.63126	75.3221	80.7888	950.863	1023.41	-0.004078	5.85219	52.1863	-0.014888
3.63226	75.7319	81.0622	950.863	1024.09	-0.016304	5.85406	52.3143	-0.013125
3.63326	75.5953	81.6091	951.092	1023.68	-0.004078	5.85594	52.2156	-0.014063
3.63426	75.5953	81.1989	950.749	1023.41	0.024456	5.85906	51.6728	-0.014063
3.63526	75.8685	81.3356	950.635	1024.23	-0.004078	5.84344	51.8195	-0.013438
3.63626	75.1854	81.3356	951.206	1023.68	-0.004078	5.82156	51.6728	-0.013438
3.63726	76.4151	81.0622	950.978	1024.09	-0.004078	5.80281	51.6702	-0.011563
3.63826	75.8685	81.0622	951.092	1024.23	-0.004078	5.79219	51.5741	-0.012813
3.63926	75.7319	80.8521	950.749	1025.6	-0.004078	5.86219	51.4754	-0.011875
3.64026	75.8685	81.0622	950.635	1024.64	-0.004078	5.86281	51.4261	-0.014063
3.64126	75.5953	81.0622	950.635	1023.96	-0.004078	5.85969	51.0807	-0.011875
3.64226	75.6953	80.9255	950.178	1024.78	-0.004078	5.86344	51.2781	-0.013438
3.64326	75.6953	80.9255	950.178	1024.37	-0.004078	5.86156	50.982	-0.012813
3.64426	75.8685	81.3356	950.178	1024.5	-0.004078	5.85656	50.982	-0.014063
3.64526	75.4587	80.9255	950.635	1024.5	-0.004078	5.85644	50.8833	-0.014063
3.64626	75.5953	80.9255	950.178	1024.78	-0.004078	5.85781	50.5872	-0.014063
3.64726	75.7319	80.5153	950.064	1024.78	-0.004078	5.86489	50.6859	-0.012813
3.64826	75.5953	80.5153	950.749	1024.5	0.028532	5.85313	50.5379	-0.013125
3.64926	76.2786	81.0622	949.607	1025.05	-0.008152	5.86281	50.2912	-0.012813
3.65026	75.8685	80.9255	949.721	1026.14	-0.008152	5.86094	50.0838	-0.012188
3.65126	76.5953	81.3356	949.85	1024.64	-0.004078	5.86375	50.2416	-0.012813
3.65226	75.7319	80.9255	951.092	1024.64	0.028532	5.85531	50.2416	-0.009063
3.65326	75.8685	81.1989	949.264	1024.64	-0.008152	5.86344	49.899	-0.01375
3.65426	75.8685	80.9255	949.493	1023.96	-0.008152	5.86489	50.0444	-0.013438
3.65526	75.8685	80.9255	950.064	1024.64	-0.004078	5.85719	49.8471	-0.013438
3.65626	76.4151	81.3356	949.95	1025.32	0.024456	5.85969	49.7977	-0.012813
3.65726	75.8685	80.9255	949.493	1024.78	-0.004078	5.86406	49.8964	-0.012813
3.65826	75.5953	81.0622	949.721	1024.78	-0.016304	5.86469	49.699	-0.014063
3.65926	75.3221	81.6091	949.493	1024.5	0.032809	5.86344	49.6003	-0.011875
3.66026	75.8685	81.0622	949.15	1025.05	-0.004078	5.86281	49.551	-0.014688
3.66126	75.7319	81.6091	949.264	1026.14	-0.004078	5.84866	49.5017	-0.014063
3.66226	75.8685	81.0622	949.264	1024.64	-0.012228	5.82344	49.5017	-0.01375
3.66326	75.8685	80.9255	949.264	1024.23	-0.004078	5.80562	49.1089	-0.011875
3.66426	75.8685	81.0622	949.493	1024.5	-0.004078	5.79856	49.1562	-0.013438
3.66526	75.3221	81.3356	949.264	1024.78	-0.004078	5.86719	49.6497	-0.014063
3.66626	76.1418	80.9255	948.808	1024.64	-0.004078	5.87125	48.8628	-0.014688
3.66726	75.8685	80.9255	948.808	1025.05	-0.004078	5.86989	48.9095	-0.014063
3.66826	75.5953	80.9255	948.693	1024.64	0.028532	5.86989	48.9095	-0.012813
3.66926	75.8685	80.7888	948.808	1025.05	-0.004078	5.86594	48.8802	-0.012813
3.67026	75.8685	80.7888	948.693	1024.91	0.044837	5.86625	48.7121	-0.014688
3.67126	75.7319	81.0622	948.351	1024.23	-0.016304	5.86594	48.6148	-0.013438
3.67226	75.8685	80.9255	948.579	1024.78	-0.004078	5.86856	48.6628	-0.013125
3.67326	76.1418	80.8521	948.579	1025.05	-0.004078	5.86406	48.7615	-0.012813
3.67426	75.3221	81.0622	949.607	1024.78	-0.004078	5.86406	48.4654	-0.009688

3.67528	75.5953	81.1989	948.351	1024.5	-0.004076	5.86031	48.5148	-0.014375
3.67628	75.5953	80.9255	948.351	1024.64	-0.004076	5.86094	48.5148	-0.014063
3.67728	75.5953	81.0622	947.894	1025.05	-0.004076	5.86469	48.4161	-0.013438
3.67828	75.7319	80.2419	948.351	1024.78	-0.004076	5.86437	48.0707	-0.01375
3.67928	75.5953	81.0622	948.236	1025.32	0.02038	5.8675	48.4161	-0.012188
3.68028	75.5953	81.0622	948.351	1024.78	-0.004076	5.86625	48.4161	-0.013438
3.68127	75.5953	80.9255	948.351	1024.5	0.044837	5.86531	48.12	-0.013125
3.68227	76.2785	80.9255	948.122	1024.78	-0.008152	5.86406	48.0213	-0.013438
3.68327	75.5953	81.0622	948.351	1025.87	-0.008152	5.86781	48.12	-0.0125
3.68427	75.7319	81.3356	948.351	1025.32	-0.004076	5.87187	47.8733	-0.01375
3.68527	75.7319	81.1989	948.008	1024.5	-0.004076	5.87281	47.9226	-0.014063
3.68627	75.5953	81.0622	948.579	1024.23	-0.004076	5.87219	47.8239	-0.014063
3.68727	75.3221	81.0622	947.894	1025.19	-0.004076	5.86187	48.5148	-0.014063
3.68827	75.5953	80.7888	947.665	1024.78	0.028532	5.82719	47.8266	-0.01375
3.68927	76.1418	81.1989	947.665	1025.32	-0.004076	5.81281	47.5772	-0.012188
3.69027	75.5953	80.6521	947.437	1025.05	0.016304	5.80844	47.8266	-0.01375
3.69127	75.5953	81.0622	947.437	1024.23	-0.004076	5.87844	47.4785	-0.013125
3.69227	75.5953	81.0622	947.665	1025.19	0.052889	5.87344	47.5279	-0.012813
3.69327	75.5953	81.3356	947.437	1024.37	-0.004076	5.87344	47.9226	-0.0125
3.69427	75.5953	80.6521	947.437	1026.6	-0.004076	5.87281	47.7746	-0.013438
3.69527	75.5953	80.2419	947.323	1025.05	-0.004076	5.87344	47.4292	-0.014063
3.69627	75.5953	80.7888	947.665	1024.78	-0.004076	5.87281	47.7253	-0.012813
3.69727	75.5953	80.6521	947.208	1024.37	-0.02038	5.86869	47.5279	-0.015313
3.69827	75.5953	81.1989	946.98	1024.78	-0.004076	5.86869	47.3305	-0.014063
3.69927	75.5953	80.9255	946.98	1024.78	-0.004076	5.87031	47.9226	-0.014688
3.70027	75.7319	81.1989	947.323	1025.32	-0.004076	5.86869	47.5279	-0.012813
3.70127	76.1418	80.7888	947.208	1025.32	-0.004076	5.87063	47.6759	-0.012813
3.70227	75.7319	81.0622	946.523	1024.23	-0.004076	5.86719	47.5772	-0.013125
3.70327	75.5953	80.7888	947.208	1025.6	0.032609	5.87094	47.8266	-0.014688
3.70427	75.5953	80.7888	946.98	1025.46	-0.004076	5.86812	47.7253	-0.012813
3.70527	75.5953	80.6521	946.523	1025.32	-0.004076	5.86869	47.5279	-0.01375
3.70627	76.1418	81.0091	946.523	1025.19	-0.004076	5.87094	47.5279	-0.0126
3.70727	75.4587	81.3356	946.98	1025.32	-0.004076	5.87219	47.8239	-0.012813
3.70827	76.2785	81.0622	947.437	1025.19	-0.004076	5.87594	47.6266	-0.013438
3.70927	76.1418	80.7888	946.523	1025.87	-0.004076	5.87844	47.9226	-0.013438
3.71027	75.5953	81.0622	946.295	1025.32	-0.004076	5.87781	47.9226	-0.012813
3.71127	75.5953	81.1989	946.523	1024.78	-0.004076	5.88094	47.7253	-0.013438
3.71227	75.5953	81.3356	946.523	1025.05	-0.004076	5.88312	47.7253	-0.014688
3.71327	75.5953	81.4724	946.066	1025.6	-0.004076	5.85719	47.7253	-0.014063
3.71427	75.5953	81.3356	946.181	1024.78	0.036885	5.83687	47.8239	-0.015313
3.71527	75.5953	81.0622	945.838	1025.32	-0.02038	5.81856	47.8239	-0.015313
3.71627	76.2785	80.7888	945.809	1026.41	-0.004076	5.82906	47.5279	-0.012813
3.71727	75.5953	80.7888	946.295	1024.78	-0.004076	5.86584	47.8733	-0.013438
3.71827	76.6884	81.1989	946.523	1025.46	-0.004076	5.86166	48.268	-0.010313
3.71927	75.5953	81.0622	945.724	1024.64	-0.012228	5.88312	47.6759	-0.015625
3.72027	76.1418	80.9255	945.267	1025.32	-0.016304	5.88219	48.0213	-0.014063
3.72127	75.5953	81.1989	945.809	1025.32	-0.004076	5.88125	48.5148	-0.01375
3.72227	76.1418	80.7888	946.838	1026.6	-0.004076	5.88125	48.3174	-0.014688
3.72327	75.7319	80.7888	945.952	1026.28	-0.004076	5.88281	48.2187	-0.014063

3.72427	75.7319	81.0622	946.066	1025.87	-0.004076	5.87906	48.3174	-0.014063
3.72527	75.8685	81.3356	945.838	1026.89	0.036685	5.87562	48.5148	-0.012813
3.72627	75.6953	81.1989	946.295	1026.96	-0.004076	5.87584	48.6135	-0.012813
3.72727	75.8685	81.0622	945.609	1026.41	-0.004076	5.87469	48.6135	-0.014063
3.72827	75.8685	81.3356	945.485	1026.28	-0.004076	5.87469	48.0578	-0.013438
3.72927	75.8685	80.2419	945.952	1026.41	-0.004076	5.87687	48.9095	-0.013438
3.73027	76.1418	80.7888	945.838	1026.14	-0.02038	5.87437	48.7121	-0.013438
3.73127	75.8685	81.0622	945.153	1026.96	-0.004076	5.87469	49.2056	-0.014375
3.73227	75.8685	80.9255	945.267	1026.96	-0.004076	5.87469	49.1069	-0.014063
3.73327	76.4151	81.0622	945.609	1026.96	0.02038	5.87968	48.7615	-0.012813
3.73427	75.8685	81.3356	945.153	1026.89	-0.004076	5.88219	48.8502	-0.012188
3.73527	75.8685	81.0622	945.153	1027.37	0.024456	5.87844	49.0082	-0.012813
3.73627	75.8685	81.1989	944.924	1026.96	-0.004076	5.88125	49.1069	-0.015313
3.73727	76.1418	81.0622	945.153	1026.96	-0.004076	5.88219	49.0676	-0.012188
3.73827	75.8685	81.0622	944.924	1026.96	-0.008152	5.87469	49.3043	-0.012813
3.73927	76.4151	81.3356	944.686	1027.37	-0.004076	5.85261	49.1562	-0.013125
3.74027	76.2785	81.0622	945.038	1026.96	-0.004076	5.82868	48.4523	-0.011875
3.74127	75.8685	81.0622	943.325	1026.14	-0.036685	5.81031	48.9095	-0.014063
3.74227	75.8685	81.1989	943.782	1026.41	-0.004076	5.84469	49.2549	-0.014063
3.74327	75.7319	80.2419	945.485	1026.05	0.02038	5.89584	49.7977	-0.013438
3.74427	75.8685	80.7888	944.353	1027.37	-0.004076	5.87781	49.403	-0.014688
3.74527	75.7319	81.7458	944.924	1027.92	-0.004076	5.88469	49.551	-0.015313
3.74627	76.2785	80.7888	944.125	1027.78	0.024456	5.87844	49.5017	-0.015313
3.74727	75.8685	80.7888	944.581	1028.6	0.02038	5.87719	49.4523	-0.015313
3.74827	75.8685	81.3356	944.686	1027.78	-0.016304	5.87658	49.7977	-0.014375
3.74927	75.8685	81.0622	944.239	1029.15	-0.004076	5.87594	49.6497	-0.013438
3.75027	75.8685	81.0622	944.581	1029.97	-0.004076	5.87406	49.9951	-0.013125
3.75127	76.4151	80.9255	944.239	1028.33	-0.012228	5.87156	49.9951	-0.013125
3.75227	75.3221	81.1989	943.782	1028.06	-0.036685	5.87094	49.403	-0.014688
3.75327	75.8685	80.2419	944.353	1029.83	-0.004076	5.87187	49.9951	-0.014063
3.75427	75.8685	80.7888	944.239	1029.68	0.024456	5.87375	50.3406	-0.012813
3.75527	75.8685	81.1989	944.353	1029.15	-0.004076	5.87562	49.8984	-0.014688
3.75627	75.8685	81.0622	944.239	1029.97	-0.004076	5.87812	50.2912	-0.012813
3.75727	75.8685	81.6091	944.239	1029.89	-0.004076	5.87594	50.4392	-0.01125
3.75827	76.1418	81.0622	943.782	1030.51	-0.004076	5.87844	50.2912	-0.013438
3.75927	75.8685	81.3356	944.125	1029.97	-0.02038	5.87812	50.6872	-0.012188
3.76027	75.8685	81.0622	944.125	1030.51	-0.008152	5.87968	50.6379	-0.014063
3.76127	75.8685	80.9255	944.125	1030.24	-0.004076	5.88312	50.4886	-0.013438
3.76227	75.8685	81.0622	943.782	1029.58	-0.004076	5.88469	50.6368	-0.014063
3.76327	76.1418	81.0622	943.782	1028.87	-0.028532	5.88344	50.0938	-0.015625
3.76427	76.2785	80.7888	943.782	1030.51	-0.008152	5.87344	50.7846	-0.015313
3.76527	76.4151	80.9255	944.01	1030.92	-0.004076	5.85063	51.5741	-0.013438
3.76627	75.7319	80.5153	944.125	1030.92	-0.004076	5.83344	51.0807	-0.014063
3.76727	75.8685	81.0622	944.239	1031.33	-0.004076	5.81844	51.2781	-0.013438
3.76827	75.8685	81.0622	944.01	1030.24	-0.008152	5.86469	51.4754	-0.010625
3.76927	76.5517	81.3356	944.125	1031.74	0.024456	5.89594	51.3768	-0.012813
3.77027	75.8685	81.0622	943.782	1031.33	0.02038	5.88438	51.3274	-0.011583
3.77127	75.8685	81.0622	944.125	1031.33	-0.008152	5.88719	51.6248	-0.013125
3.77227	75.8685	80.8521	944.686	1033.62	-0.004076	5.88469	51.5741	-0.012188

3.77327	76.4151	80.5153	943.782	1031.88	-0.004076	5.88344	51.3788	-0.010938
3.77427	76.4151	81.3358	942.888	1030.78	-0.048813	5.88188	51.2781	-0.015313
3.77527	76.6884	81.3358	943.325	1032.7	-0.004076	5.88408	51.8728	-0.014375
3.77627	76.2785	80.9255	943.888	1032.97	-0.004076	5.87969	52.2158	-0.015938
3.77727	76.4151	80.7888	943.325	1032.97	-0.004076	5.88125	52.0182	-0.014083
3.77827	76.1418	81.0622	943.782	1033.52	-0.004076	5.88125	52.4623	-0.012813
3.77927	76.6884	80.9255	943.782	1034.08	0.016304	5.87687	52.3143	-0.012813
3.78027	75.3221	81.3358	943.888	1034.47	0.024458	5.88094	52.2158	-0.015313
3.78127	76.2785	80.9255	943.439	1033.52	-0.024458	5.87844	52.3638	-0.015313
3.78227	75.8885	80.9255	943.782	1035.18	-0.004076	5.87969	52.413	-0.013438
3.78327	76.2785	81.0622	943.782	1035.02	-0.004076	5.88344	52.8078	-0.012188
3.78427	76.2785	81.0622	943.782	1034.88	-0.004076	5.88489	52.7584	-0.013125
3.78527	75.8885	81.6091	944.898	1035.7	-0.004076	5.88594	52.6587	-0.012813
3.78627	76.1418	81.0622	942.888	1035.28	-0.004076	5.88719	52.9084	-0.014688
3.78727	76.4151	81.1889	942.888	1036.68	0.02038	5.89083	53.1532	-0.014063
3.78827	76.4151	81.1889	943.782	1035.98	-0.004076	5.89084	52.9558	-0.014063
3.78927	76.1418	80.9255	943.554	1036.8	0.024458	5.89406	53.2025	-0.013438
3.79027	75.8885	81.0622	943.782	1036.25	-0.004076	5.87531	53.2519	-0.012813
3.79127	76.2785	81.1889	943.325	1036.25	-0.004076	5.85158	53.4886	-0.014063
3.79227	76.8885	80.7888	942.888	1036.52	-0.004076	5.83281	53.4886	-0.012813
3.79327	76.1418	80.9255	943.211	1036.8	-0.004076	5.82489	53.6486	-0.012813
3.79427	76.6884	81.1889	943.097	1038.43	-0.004076	5.89437	53.6486	-0.012813
3.79527	75.7319	80.9255	943.782	1037.34	-0.004076	5.89375	53.696	-0.01375
3.79627	76.825	81.1889	943.782	1037.75	-0.004076	5.89489	53.5479	-0.014688
3.79727	75.8885	80.2419	942.183	1037.34	-0.004076	5.89094	53.7946	-0.014375
3.79827	75.3221	80.5153	943.325	1038.98	0.028532	5.89408	54.4361	-0.012813
3.79927	76.1418	81.0622	943.211	1038.43	-0.004076	5.89719	54.2881	-0.011683
3.80027	75.8885	80.9255	942.888	1038.98	-0.004076	5.89281	53.9427	-0.011683
3.80127	76.4151	80.7888	942.888	1039.88	-0.004076	5.89156	54.0907	-0.012813
3.80227	76.2785	80.9255	942.888	1039.39	-0.004076	5.88988	54.4855	-0.012813
3.80327	76.6884	80.9255	942.888	1039.68	-0.004076	5.88719	54.2387	-0.01375
3.80427	76.1418	81.3358	942.888	1041.17	-0.004076	5.88908	54.6335	-0.011875
3.80527	76.1418	80.7888	942.888	1040.89	-0.004076	5.89125	54.6335	-0.013125
3.80627	76.1418	81.0622	942.411	1040.48	-0.024458	5.89094	54.6335	-0.011563
3.80727	76.2785	81.0622	943.211	1041.17	-0.004076	5.89219	54.6335	-0.010313
3.80827	76.2785	80.9255	942.64	1041.58	-0.004076	5.89489	54.5348	-0.01375
3.80927	76.2785	81.0622	942.64	1042.26	-0.004076	5.89582	54.8309	-0.011875
3.81027	76.2785	81.0622	942.528	1042.53	-0.004076	5.89408	54.9789	-0.013438
3.81127	76.4151	81.0622	942.888	1043.82	0.028532	5.89844	55.127	-0.012813
3.81227	75.5853	80.3788	942.183	1042.8	-0.004076	5.89594	55.0776	-0.01375
3.81327	76.1418	80.7888	942.411	1043.35	-0.004076	5.89489	55.0283	-0.014063
3.81427	76.5617	81.0622	942.754	1043.9	0.028532	5.89908	55.2258	-0.013438
3.81527	76.4151	81.1889	942.888	1043.9	-0.02038	5.89531	55.4724	-0.013438
3.81627	76.2785	80.5153	942.64	1046.08	0.02038	5.87094	55.7191	-0.011875
3.81727	76.2785	81.3358	942.888	1044.72	-0.004076	5.84989	55.5217	-0.014063
3.81827	76.1418	80.7888	942.888	1045.54	-0.004076	5.83168	56.0152	-0.013438
3.81927	76.1418	81.0622	941.954	1044.85	-0.012228	5.85719	55.7684	-0.012813
3.82028	76.2785	80.5153	942.754	1044.44	-0.02038	5.91156	56.2619	-0.014688
3.82128	76.4151	80.7888	942.297	1045.4	-0.016304	5.89594	56.1138	-0.012188

3.82228	76.4161	81.0622	942.528	1046.36	-0.004076	5.89937	56.0152	-0.011563
3.82328	76.6884	81.0622	942.411	1046.63	-0.004076	5.89969	55.9658	-0.012813
3.82428	76.6884	81.3356	942.868	1047.45	0.044837	5.89969	56.2619	-0.011563
3.82528	76.5517	81.3356	942.868	1047.86	-0.004076	5.89812	56.2125	-0.012813
3.82628	76.4151	81.1989	942.528	1048.27	-0.004076	5.89858	56.3806	-0.012188
3.82728	76.6884	81.1989	942.528	1049.63	-0.004076	5.89719	56.5088	-0.012813
3.82828	76.4161	80.7888	942.411	1048.68	-0.004076	5.89344	56.5088	-0.014063
3.82928	76.4161	81.0622	942.868	1049.91	-0.004076	5.89166	56.6073	-0.011875
3.83028	75.7319	81.1989	942.754	1049.63	-0.018304	5.89166	56.706	-0.016563
3.83128	76.5517	80.9255	942.868	1051	-0.004076	5.89531	56.8047	-0.013125
3.83228	76.9617	81.0622	942.183	1050.32	-0.004076	5.89344	56.8566	-0.013125
3.83328	76.825	80.9255	942.868	1051.27	-0.004076	5.89875	56.8047	-0.013438
3.83428	76.6884	81.3356	943.211	1052.09	0.040761	5.89719	57.2981	-0.012813
3.83528	76.4161	81.1989	942.64	1051.27	-0.004076	5.89531	57.0021	-0.014688
3.83628	76.4161	80.7888	942.528	1052.09	0.028532	5.89875	57.0021	-0.01375
3.83728	76.4161	81.1989	942.411	1052.09	-0.016304	5.89844	57.1994	-0.013438
3.83828	76.5517	81.0622	941.954	1052.91	-0.016304	5.89812	57.1007	-0.014063
3.83928	76.4151	81.0622	941.84	1052.78	-0.004076	5.90408	57.1007	-0.013125
3.84028	76.6884	81.1989	943.211	1053.73	-0.004076	5.90656	57.4955	-0.011563
3.84128	76.2785	81.0622	941.954	1053.73	-0.004076	5.89969	57.2981	-0.013438
3.84228	76.6884	81.0622	941.84	1054.14	-0.012228	5.86594	57.8409	-0.013125
3.84328	76.6884	81.3356	942.411	1054.82	-0.004076	5.84781	57.3989	-0.015313
3.84428	75.8685	80.7888	941.612	1054.98	-0.004076	5.84158	57.4955	-0.014063
3.84528	76.4151	80.7888	942.089	1055.78	-0.004076	5.81858	57.7916	-0.012188
3.84628	76.2785	80.9255	942.64	1056.74	-0.004076	5.90812	57.8903	-0.014375
3.84728	76.4151	81.0622	941.954	1056.48	-0.012228	5.90719	57.8929	-0.015313
3.84828	76.9617	81.1989	942.411	1057.01	-0.004076	5.90969	57.8903	-0.014375
3.84928	76.825	81.3356	942.089	1058.38	-0.004076	5.90719	58.285	-0.012813
3.85028	76.5517	81.1989	941.954	1057.28	-0.012228	5.90344	57.9889	-0.013125
3.85128	76.4161	81.0622	942.868	1058.1	-0.004076	5.90719	58.1863	-0.011563
3.85228	76.825	81.1989	941.954	1058.51	-0.004076	5.90469	58.3837	-0.013125
3.85328	76.4161	80.7888	942.183	1059.47	-0.004076	5.90219	58.6796	-0.014063
3.85428	76.4161	81.1989	942.183	1059.74	-0.004076	5.89875	58.4331	-0.014375
3.85528	76.825	81.0622	941.954	1060.66	-0.004076	5.89906	58.137	-0.015
3.85628	76.4151	80.7888	942.089	1061.11	-0.004076	5.89906	58.3837	-0.014688
3.85728	75.8685	81.6091	942.411	1061.38	-0.004076	5.89969	58.6304	-0.011875
3.85828	76.5517	81.1989	941.954	1060.7	-0.004076	5.90281	58.8798	-0.012813
3.85928	76.6884	81.0622	941.954	1061.65	-0.012228	5.89969	58.5811	-0.014063
3.86028	76.5517	81.1989	942.183	1063.29	-0.004076	5.90094	58.8772	-0.012813
3.86128	76.5517	81.1989	941.812	1061.93	-0.012228	5.90531	59.0745	-0.012188
3.86228	76.6884	80.9255	942.411	1063.02	-0.004076	5.90469	58.9758	-0.012188
3.86328	76.5517	81.1989	941.498	1063.02	-0.008152	5.90887	59.0252	-0.015825
3.86428	75.8685	81.0622	942.183	1064.36	-0.004076	5.90937	59.3213	-0.012813
3.86528	76.825	81.3356	941.812	1064.11	-0.004076	5.90906	59.1732	-0.014063
3.86628	76.6884	81.3356	941.498	1064.66	-0.004076	5.89562	59.0745	-0.012813
3.86728	76.4151	80.7888	941.726	1065.48	0.02038	5.87719	59.3213	-0.014688
3.86828	77.235	81.3356	942.411	1066.16	0.028532	5.85562	59.4893	-0.010625
3.86928	76.9617	81.3356	942.183	1066.3	0.036685	5.83844	59.568	-0.011563
3.87028	76.4161	81.0622	941.726	1066.3	-0.004076	5.85969	59.4199	-0.013438

3.87128	76.6884	81.0622	941.498	1067.39	-0.004078	5.91718	59.6173	-0.015313
3.87228	76.6517	80.7888	941.726	1068.84	-0.004078	5.90719	59.6687	-0.013438
3.87328	76.4151	81.0622	942.411	1067.86	-0.004078	5.91156	59.6687	-0.010938
3.87428	76.6517	81.1989	941.812	1067.94	-0.004078	5.90908	59.6687	-0.011876
3.87528	76.4151	81.1989	941.954	1069.03	0.02038	5.90781	59.8147	-0.013438
3.87628	76.825	80.7888	941.041	1068.76	-0.004078	5.90908	59.9134	-0.012813
3.87728	76.6884	81.0622	941.041	1069.17	-0.004078	5.90531	59.864	-0.013438
3.87828	76.6517	80.7888	941.726	1070.12	-0.004078	5.90469	60.1601	-0.013438
3.87928	76.6517	81.0622	941.269	1069.3	-0.008152	5.90219	60.0121	-0.013438
3.88028	76.6884	81.1989	941.498	1071.21	0.028532	5.9025	60.9627	-0.013125
3.88128	76.6517	81.0622	941.383	1071.82	-0.004078	5.90219	60.0614	-0.014375
3.88228	76.6884	80.7888	941.498	1073.26	-0.004078	5.90719	60.3082	-0.013438
3.88328	76.6884	81.0622	941.155	1071.49	-0.008152	5.90469	60.2588	-0.012813
3.88428	77.235	81.3356	942.898	1073.26	-0.004078	5.90469	60.1108	-0.0126
3.88528	76.9617	80.9255	941.612	1072.85	0.02038	5.90719	60.2086	-0.015625
3.88628	76.6884	81.0622	940.812	1072.44	-0.004078	5.90594	60.3576	-0.01375
3.88728	77.3716	81.3356	941.498	1073.54	-0.004078	5.90406	60.2588	-0.014083
3.88828	77.3716	80.2419	941.041	1073.87	-0.004078	5.90844	60.6042	-0.012813
3.88928	77.235	81.3356	941.041	1074.77	-0.004078	5.91219	60.6042	-0.013438
3.89028	76.9617	81.0622	941.612	1075.04	0.02038	5.91219	60.6636	-0.011876
3.89128	76.9617	81.3356	941.383	1075.58	0.028532	5.91094	60.7623	-0.012188
3.89228	77.235	81.1989	941.612	1075.86	-0.004078	5.88908	60.7029	-0.013125
3.89328	76.4151	80.2419	940.812	1076.95	-0.004078	5.88489	60.7029	-0.013438
3.89428	76.9617	81.0622	941.498	1075.99	-0.004078	5.84594	60.8509	-0.012188
3.89528	76.9617	81.0622	941.498	1076.13	-0.004078	5.84844	60.9496	-0.01125
3.89628	76.6884	80.7888	941.84	1077.22	-0.004078	5.91989	60.8636	-0.014375
3.89728	76.825	81.0622	941.155	1077.22	-0.004078	5.90781	61.147	-0.013438
3.89828	76.9617	81.4724	941.612	1078.32	0.02038	5.81375	60.999	-0.014688
3.89928	76.825	80.9255	941.612	1078.86	-0.004078	5.90889	60.7029	-0.014376
3.90028	76.825	81.0622	940.812	1078.45	-0.016304	5.90889	60.9496	-0.013125
3.90128	76.6884	81.1989	941.041	1079.14	-0.004078	5.90937	60.9496	-0.013438
3.90228	76.6884	80.9255	941.041	1079.41	0.028532	5.90781	61.147	-0.012813
3.90328	76.6884	80.9255	940.827	1079.41	-0.012228	5.90344	61.0977	-0.012813
3.90428	76.1418	80.8521	941.041	1081.59	-0.004078	5.90489	61.0977	-0.014688
3.90528	76.6884	80.7888	941.041	1080.6	-0.004078	5.90344	61.295	-0.012813
3.90628	76.9617	81.0622	941.269	1081.05	-0.004078	5.90344	61.3444	-0.010938
3.90728	76.6884	81.0622	941.954	1081.32	-0.012228	5.90489	61.147	-0.011563
3.90828	76.1418	80.5153	940.584	1081.05	-0.004078	5.90489	61.147	-0.012813
3.90928	76.9617	81.0622	941.041	1082.14	-0.012228	5.90344	61.4924	-0.011563
3.91028	76.825	81.8826	941.383	1082	0.02038	5.90719	61.3444	-0.014083
3.91128	76.9617	81.0622	941.269	1082.69	0.024456	5.90719	61.3444	-0.015625
3.91228	76.9617	81.1989	941.498	1082.96	-0.004078	5.90438	61.3937	-0.014083
3.91328	76.6884	80.2419	940.584	1082.82	0.044637	5.90889	61.5418	-0.011875
3.91428	76.6884	80.2419	940.584	1083.23	-0.012228	5.91062	61.4431	-0.0126
3.91528	77.235	81.1989	941.498	1084.74	-0.004078	5.90844	61.3444	-0.013126
3.91628	76.6884	81.0622	941.726	1083.78	-0.004078	5.91156	61.3444	-0.013125
3.91728	76.6884	81.3356	941.269	1083.78	-0.004078	5.90719	61.6418	-0.011563
3.91828	76.825	80.9255	940.698	1084.33	-0.008152	5.87989	61.3937	-0.016
3.91928	76.4151	80.8521	940.584	1084.74	-0.012228	5.86094	61.5418	-0.014083

3.92028	76.8617	81.3358	941.498	1085.15	-0.004076	5.84219	61.7885	-0.014063
3.92128	76.8617	81.1989	941.269	1085.42	-0.004076	5.86312	61.6898	-0.011563
3.92228	76.825	81.0622	941.726	1085.98	-0.004076	5.82844	61.5911	-0.013125
3.92328	76.8617	81.0622	941.041	1086.37	-0.004076	5.91219	61.4824	-0.011563
3.92428	76.825	81.0622	941.726	1086.78	0.028532	5.91656	61.5418	-0.012188
3.92528	76.8884	80.6163	941.498	1086.51	-0.004076	5.91344	61.8378	-0.012188
3.92628	76.8617	80.7888	941.269	1086.7	-0.012228	5.91408	61.7391	-0.013125
3.92728	76.825	81.0622	941.383	1087.19	-0.004076	5.91187	61.5418	-0.013438
3.92828	76.8617	80.7888	941.726	1087.74	-0.004076	5.90937	61.3444	-0.012813
3.92928	76.825	81.0622	941.726	1087.33	-0.012228	5.90584	61.3444	-0.014063
3.93028	76.8884	80.7888	940.927	1087.88	-0.004076	5.90406	61.5418	-0.014688
3.93128	76.825	80.9255	941.498	1088.56	-0.004076	5.90406	62.0362	-0.013125
3.93228	76.8617	81.1989	941.041	1088.15	-0.004076	5.90344	61.3444	-0.014376
3.93328	76.8884	81.1989	941.498	1088.97	-0.004076	5.90812	61.7391	-0.013438
3.93428	76.8617	81.1989	941.041	1089.11	-0.004076	5.90489	61.8405	-0.014063
3.93528	76.8617	80.6521	940.927	1089.65	0.044837	5.90719	61.7885	-0.013125
3.93628	76.2786	80.2419	941.041	1089.79	-0.004076	5.90489	61.7391	-0.013438
3.93728	76.8617	81.0622	941.383	1090.34	-0.004076	5.90719	61.8378	-0.012813
3.93828	76.825	81.0622	941.498	1090.34	-0.004076	5.91125	61.6898	-0.013438
3.93928	76.8617	81.3358	941.612	1090.34	-0.008152	5.91094	61.5418	-0.013125
3.94028	76.8884	81.1989	940.927	1090.06	-0.012228	5.90844	61.0977	-0.015313
3.94128	76.8617	81.1989	941.041	1091.15	-0.012228	5.91489	61.5911	-0.012813
3.94228	76.825	81.0622	941.383	1090.34	-0.004076	5.91594	61.8378	-0.012813
3.94328	76.2786	80.2419	940.584	1090.34	-0.004076	5.89989	61.4431	-0.014063
3.94428	76.825	81.1989	941.041	1091.43	-0.004076	5.8775	61.5418	-0.015
3.94528	76.8617	81.1989	941.84	1091.15	0.02038	5.85625	61.5418	-0.014376
3.94628	77.5083	80.2419	941.383	1091.43	-0.004076	5.84531	61.5418	-0.013438
3.94728	76.8617	80.7888	941.155	1091.56	-0.004076	5.91856	61.7391	-0.010938
3.94828	76.8617	80.9255	941.498	1093.07	-0.004076	5.91989	61.3937	-0.012813
3.94928	77.235	81.1989	941.498	1091.97	-0.008152	5.91437	61.4431	-0.013438
3.95028	76.8617	81.0622	941.726	1092.38	-0.004076	5.91594	61.295	-0.013125
3.95128	77.5083	81.0622	941.041	1091.29	-0.016304	5.91344	60.9498	-0.015313
3.95228	76.8617	81.1989	941.498	1092.38	-0.004076	5.91344	61.0977	-0.014063
3.95328	76.8617	81.1989	941.383	1092.62	-0.004076	5.91219	61.7391	-0.013125
3.95428	76.8617	81.1989	941.726	1093.89	-0.004076	5.91437	61.147	-0.01375
3.95528	76.8617	81.0622	941.954	1093.75	-0.004076	5.90989	61.2457	-0.012813
3.95628	76.8884	81.0622	941.498	1093.2	-0.004076	5.90719	61.0977	-0.012188
3.95728	76.8617	81.1989	941.498	1093.61	0.057065	5.90989	61.0977	-0.012813
3.95828	76.8617	80.7888	941.954	1093.61	-0.008152	5.90806	60.989	-0.012813
3.95928	76.4151	80.7888	941.498	1093.89	-0.004076	5.90989	61.0977	-0.013125
3.96028	76.8617	80.9255	941.954	1094.71	-0.004076	5.90989	60.9003	-0.014063
3.96128	76.8617	80.7888	941.84	1094.18	-0.004076	5.91094	60.8016	-0.014063
3.96228	76.8617	80.9255	940.356	1092.38	-0.036685	5.90844	60.5549	-0.017188
3.96328	77.3718	80.9255	940.927	1093.89	-0.004076	5.91219	60.6042	-0.014688
3.96428	76.8617	81.0622	941.498	1094.18	-0.004076	5.91489	61.0977	-0.013438
3.96528	76.4151	81.0622	941.269	1094.18	0.02038	5.91489	60.8016	-0.01375
3.96628	77.235	80.9255	941.726	1094.43	-0.004076	5.92219	60.8508	-0.014063
3.96728	76.8617	81.0622	941.498	1094.67	-0.004076	5.92219	60.3575	-0.014375
3.96828	76.8884	80.7888	941.612	1094.57	-0.004076	5.90989	60.4662	-0.013438

3.96929	76.5517	80.9255	941.269	1094.3	-0.004078	5.88887	60.3575	-0.013438
3.97029	76.9617	80.8521	941.041	1094.71	-0.012228	5.86969	60.3575	-0.014063
3.97129	76.9617	81.0822	941.498	1094.98	-0.004076	5.85156	60.4068	-0.01125
3.97229	76.9617	81.3356	941.954	1094.16	-0.02038	5.88812	60.3082	-0.011875
3.97329	77.0983	81.0822	941.954	1094.3	-0.038885	5.93156	59.9134	-0.014063
3.97429	76.9617	80.9255	941.041	1095.25	-0.02038	5.91844	60.1108	-0.01375
3.97529	77.235	81.1989	940.698	1094.71	-0.004076	5.92489	60.6042	-0.012813
3.97629	76.4151	80.7888	941.726	1095.39	-0.004078	5.92312	59.9134	-0.012188
3.97729	76.9617	81.0822	941.269	1095.12	-0.004078	5.91969	59.864	-0.014063
3.97829	77.0983	81.0822	941.498	1095.53	-0.004076	5.91844	59.9134	-0.013438
3.97929	76.9617	81.1989	941.954	1095.66	0.028532	5.91844	59.8147	-0.013438
3.98029	77.7816	80.5153	941.269	1094.98	-0.004078	5.91489	59.8667	-0.014063
3.98129	77.6449	80.7888	941.269	1095.25	-0.004078	5.91594	59.716	-0.012813
3.98229	76.9617	81.0822	941.269	1096.07	-0.004078	5.91408	59.7854	-0.012813
3.98329	77.235	80.5153	941.726	1095.12	-0.004078	5.91313	59.5186	-0.013438
3.98429	77.3716	81.0822	941.041	1094.43	-0.028532	5.91125	58.7785	-0.016563
3.98529	77.235	81.0822	941.726	1095.8	0.02038	5.91594	59.4199	-0.01375
3.98629	76.9617	80.7888	941.726	1095.53	-0.004078	5.91344	59.7654	-0.014063
3.98729	76.9617	81.1989	941.612	1095.53	-0.004078	5.91408	59.1239	-0.014375
3.98829	77.7816	80.8521	941.383	1095.53	-0.004078	5.91844	58.9758	-0.012813
3.98929	77.3716	81.0822	941.84	1095.53	-0.004078	5.91489	58.9265	-0.013438
3.99029	76.9617	80.7888	941.498	1095.8	-0.004078	5.91906	59.0745	-0.012188
3.99129	77.235	81.1989	941.383	1095.26	-0.004078	5.91969	58.9265	-0.013125
3.99229	76.825	80.5153	940.684	1094.57	-0.004078	5.91719	58.7785	-0.011563
3.99329	77.235	80.7888	941.84	1096.36	-0.004078	5.91594	58.6798	-0.014063
3.99429	76.9617	81.3356	941.612	1095.6	-0.004078	5.90094	58.6798	-0.01375
3.99529	77.235	81.0822	941.498	1094.43	-0.048913	5.87594	57.9889	-0.014063
3.99629	77.235	81.0822	941.269	1095.25	-0.004078	5.85838	58.5811	-0.013438
3.99729	77.235	80.7888	941.498	1095.66	-0.004078	5.84489	58.0745	-0.010938
3.99829	76.9617	81.0822	941.155	1094.98	-0.004078	5.90856	58.285	-0.013438
3.99929	76.8884	80.7888	941.269	1095.53	-0.004078	5.92281	58.3344	-0.014063
4.00029	76.9617	80.7888	941.269	1096.07	-0.004078	5.91489	58.137	-0.014375
4.00129	77.235	80.7888	941.498	1096.07	0.038885	5.91594	57.9889	-0.014063
4.00229	77.5083	81.3356	941.269	1095.25	-0.004078	5.9125	57.9398	-0.014063
4.00329	77.5083	81.0822	941.864	1095.39	-0.004078	5.91219	57.8409	-0.012813
4.00429	77.235	80.7888	941.041	1096.62	-0.004078	5.91344	57.8903	-0.014063
4.00529	76.5517	80.5153	941.954	1096.62	-0.004078	5.91094	57.9889	-0.0126
4.00629	77.235	80.7888	941.954	1095.66	-0.008152	5.90844	57.8903	-0.012188
4.00729	76.9617	80.7888	940.827	1095.26	-0.004078	5.90781	57.5942	-0.013438
4.00829	77.3716	81.6091	941.383	1095.53	-0.004078	5.90781	58.0876	-0.0125
4.00929	77.5083	80.9255	940.698	1095.25	-0.004078	5.90989	57.5448	-0.01375
4.01029	77.3716	80.7888	941.726	1096.21	-0.004078	5.91281	57.6435	-0.013438
4.01129	77.235	80.7888	941.726	1096.07	-0.004078	5.91094	57.3888	-0.014688
4.01229	77.235	80.9255	941.498	1095.66	-0.004078	5.91156	57.3888	-0.013125
4.01329	77.235	80.7888	941.498	1095.8	-0.004078	5.91219	57.1007	-0.013438
4.01429	77.235	80.7888	941.269	1094.98	-0.004078	5.91281	57.4462	-0.012188
4.01529	77.6449	80.8521	941.726	1095.8	-0.004078	5.91408	57.1994	-0.013438
4.01629	77.235	81.0822	941.726	1094.71	-0.004078	5.91719	57.2981	-0.013438
4.01729	77.235	80.7888	941.84	1094.98	-0.02038	5.91844	57.1007	-0.012813

4.01829	77.235	80.9255	941.289	1095.39	-0.004076	5.91781	56.854	-0.014688
4.01829	76.825	80.2419	940.812	1094.71	-0.012228	5.91989	57.0021	-0.014688
4.02029	76.9617	81.0622	941.289	1095.68	0.024456	5.90094	56.8047	-0.013436
4.02129	77.235	81.0622	941.726	1095.8	-0.004076	5.87937	56.8047	-0.013126
4.02229	77.5083	81.4724	941.383	1095.53	-0.004076	5.85781	56.6566	-0.013125
4.02329	77.3716	81.0622	941.498	1095.8	-0.004076	5.85969	57.0021	-0.012813
4.02429	77.5083	81.0622	940.927	1094.84	-0.004076	5.92989	56.558	-0.012813
4.02529	77.235	80.6521	941.812	1096.8	-0.004076	5.91937	56.5088	-0.012188
4.02629	77.235	81.1989	941.726	1096.82	-0.004076	5.91989	56.8073	-0.012813
4.02729	77.235	81.0622	941.954	1095.68	-0.004076	5.91594	56.3112	-0.014688
4.02829	77.9183	81.0622	941.726	1095.25	-0.012228	5.91719	56.4099	-0.012188
4.02929	77.5083	81.1989	941.726	1094.43	-0.016304	5.91594	56.2125	-0.015313
4.03029	77.5083	81.4724	940.927	1094.98	-0.008152	5.91469	56.6566	-0.012813
4.03129	77.3716	81.0622	941.289	1095.53	-0.004076	5.91469	56.3606	-0.012813
4.03229	77.5083	80.7888	941.383	1095.25	-0.016304	5.91344	56.2819	-0.012813
4.03329	77.8449	81.1989	941.726	1096.53	-0.004076	5.91313	56.1632	-0.0125
4.03429	77.5083	81.3356	941.954	1096.8	0.028532	5.91281	56.8671	-0.012813
4.03529	77.235	80.7888	941.383	1095.8	-0.004076	5.91219	55.8671	-0.013438
4.03629	77.3716	81.3356	941.726	1096.07	-0.004076	5.90869	55.6204	-0.013438
4.03729	77.3716	81.7458	941.289	1096.82	-0.004076	5.91281	55.6204	-0.013438
4.03829	77.3716	81.0622	941.726	1095.25	-0.004076	5.91375	55.7191	-0.013438
4.03929	76.6884	80.9255	942.297	1095.25	-0.004076	5.91531	55.5217	-0.011875
4.04029	76.5517	80.2419	940.584	1094.16	-0.012228	5.91406	55.3737	-0.014375
4.04129	77.235	80.7888	941.383	1094.71	-0.004076	5.91781	56.8178	-0.012813
4.04229	77.0983	81.0622	941.289	1094.98	-0.004076	5.91719	56.423	-0.012813
4.04329	77.7816	80.2419	941.383	1095.25	-0.004076	5.92156	56.3737	-0.016038
4.04429	77.235	80.9255	941.726	1096.21	-0.004076	5.92281	56.127	-0.014063
4.04529	77.8449	81.3356	941.041	1094.98	-0.004076	5.91719	56.3243	-0.013125
4.04629	76.9617	81.3356	941.726	1095.53	0.024456	5.89281	55.0283	-0.013438
4.04729	77.5083	81.0622	941.726	1095.8	-0.004076	5.87489	56.127	-0.012813
4.04829	77.5083	81.0622	941.498	1096.8	0.024456	5.85489	56.127	-0.012813
4.04929	77.5083	80.9255	941.726	1095.25	-0.004076	5.87969	56.127	-0.012188
4.05029	76.0549	80.9255	942.183	1095.53	-0.004076	5.93437	56.0283	-0.010313
4.05129	77.5083	81.0622	941.041	1094.71	-0.004076	5.91875	54.6829	-0.016663
4.05229	77.3716	81.3356	941.498	1094.71	-0.004076	5.92219	55.423	-0.012813
4.05329	77.3716	81.1989	941.954	1096.07	-0.004076	5.91989	54.6335	-0.012188
4.05429	77.5083	81.0622	941.84	1095.94	-0.004076	5.91989	54.8309	-0.012813
4.05529	77.9183	81.1989	941.498	1095.25	-0.004076	5.91989	54.5842	-0.014375
4.05629	76.6884	80.7888	941.498	1094.71	-0.004076	5.91844	54.6335	-0.012188
4.05729	77.3716	80.7888	941.289	1095.12	-0.004076	5.915	54.5842	-0.011583
4.05829	77.235	81.1989	941.954	1094.71	-0.004076	5.91344	54.6335	-0.012188
4.05929	77.5083	80.9255	941.383	1096.07	-0.004076	5.90989	54.4855	-0.012813
4.06029	77.5083	80.7888	941.289	1095.25	-0.004076	5.91281	54.4361	-0.014063
4.06129	77.235	81.0622	940.812	1094.43	-0.016304	5.91156	54.3374	-0.012188
4.06229	77.235	81.0622	941.84	1094.98	-0.004076	5.91344	54.0414	-0.014063
4.06329	77.5083	81.0622	941.498	1094.98	0.02038	5.91469	54.7322	-0.013125
4.06429	77.235	80.7888	941.498	1094.71	-0.004076	5.91344	54.2387	-0.012813
4.06529	77.235	80.7888	941.383	1095.12	-0.004076	5.91887	54.4361	-0.013438
4.06629	77.3716	81.0622	941.289	1094.43	-0.004076	5.91844	54.3374	-0.012188

4.06729	77.5083	81.0622	941.269	1094.71	-0.004076	5.91855	54.2881	-0.012813
4.06829	78.0548	81.3958	941.041	1094.3	-0.004076	5.91594	54.0414	-0.015313
4.06929	77.3716	80.7888	941.728	1094.71	-0.012228	5.91989	53.844	-0.014375
4.07029	77.7816	81.8091	941.954	1095.12	-0.004076	5.91989	54.0414	-0.012813
4.07129	77.3716	81.0622	941.383	1094.57	-0.004076	5.90469	54.1894	-0.01126
4.07229	76.9617	80.7888	942.868	1094.98	-0.004076	5.88469	53.844	-0.010625
4.07329	77.235	81.3358	941.383	1094.98	-0.004076	5.88658	53.8933	-0.012188
4.07429	77.235	81.0622	942.183	1094.16	-0.004076	5.85281	53.992	-0.012188
4.07529	77.5083	81.0622	941.728	1095.39	-0.004076	5.91855	53.844	-0.014688
4.07629	77.235	80.7888	941.728	1095.12	-0.004076	5.92989	53.8933	-0.013438
4.07729	77.0983	80.7888	941.269	1094.71	-0.004076	5.92408	53.7453	-0.013438
4.07829	77.5083	80.7888	941.498	1094.57	-0.004076	5.92469	53.5973	-0.011875
4.07929	77.5083	80.7888	941.498	1095.12	0.024456	5.92219	53.5479	-0.013125
4.08029	76.6884	80.7888	941.383	1094.71	-0.004076	5.91989	53.5479	-0.012188
4.08129	76.9617	80.9255	941.498	1096.21	-0.004076	5.91989	53.7453	-0.012813
4.08229	77.3716	80.7888	941.728	1094.71	-0.004076	5.91908	53.3999	-0.014083
4.08329	77.3716	81.0622	941.728	1094.71	-0.004076	5.91531	53.2519	-0.011563
4.08429	77.235	80.9255	942.069	1094.71	-0.012228	5.91375	53.2025	-0.015313
4.08529	76.9617	80.7888	941.84	1094.98	-0.004076	5.91594	53.8933	-0.013125
4.08629	77.235	80.7888	941.728	1095.53	-0.008152	5.91408	53.3999	-0.013125
4.08729	76.9617	81.0622	941.498	1094.71	-0.004076	5.91937	53.2519	-0.01375
4.08829	77.5083	81.3358	941.498	1094.43	-0.004076	5.91937	53.3605	-0.012813
4.08929	77.3716	81.0622	941.612	1094.71	-0.004076	5.91687	53.2519	-0.012813
4.09029	77.5083	80.9255	941.269	1094.3	0.048913	5.91937	53.2519	-0.013125
4.09129	77.6449	81.0622	941.612	1094.98	-0.004076	5.92219	53.4492	-0.011583
4.09229	77.5083	81.3358	941.84	1095.12	-0.008152	5.91989	53.2025	-0.013438
4.09329	77.5083	81.3358	941.84	1094.16	-0.004076	5.92408	53.1532	-0.013438
4.09429	77.235	81.0622	942.297	1094.43	-0.004076	5.92344	53.1038	-0.010313
4.09529	77.3716	80.9255	941.269	1094.71	-0.004076	5.92687	53.0545	-0.014375
4.09629	77.5083	81.0622	941.612	1094.16	-0.004076	5.92408	53.0545	-0.01375
4.0973	77.3716	80.9255	941.728	1094.43	-0.004076	5.90344	53.3012	-0.012813
4.0983	77.3716	80.7888	941.269	1094.16	-0.004076	5.87989	52.6597	-0.014688
4.0993	77.5083	80.7888	941.728	1094.16	-0.004076	5.86158	53.1532	-0.013438
4.1003	77.7816	80.2419	941.612	1094.57	-0.004076	5.87158	53.0545	-0.013125
4.1013	77.5083	81.0622	942.183	1094.16	0.036685	5.93875	53.1532	-0.012188
4.1023	77.0983	80.9255	941.728	1094.16	-0.016304	5.92438	53.1532	-0.011583
4.1033	77.5083	80.9255	941.612	1094.71	-0.004076	5.93219	53.1532	-0.013438
4.1043	77.5083	81.0622	941.498	1093.61	-0.012228	5.92844	52.9084	-0.014083
4.1053	77.6449	81.1989	941.498	1094.16	-0.004076	5.92844	53.2025	-0.010938
4.1063	77.3716	81.0622	941.728	1093.61	-0.004076	5.92719	52.8078	-0.014083
4.1073	77.3716	80.7888	941.84	1094.71	-0.004076	5.92469	53.6466	-0.014083
4.1083	77.5083	80.7888	941.498	1094.16	-0.004076	5.92408	53.2025	-0.014375
4.1093	77.5083	80.7888	941.84	1096.26	-0.012228	5.92594	52.8571	-0.014083
4.1103	77.5083	80.7888	941.728	1094.16	-0.004076	5.92344	53.1532	-0.01375
4.1113	77.235	80.7888	941.84	1094.71	-0.004076	5.91844	53.1532	-0.012813
4.1123	77.7816	81.1989	941.954	1094.71	0.044837	5.92219	52.8571	-0.012813
4.1133	77.7816	81.7458	941.728	1093.48	-0.02038	5.92094	53.0051	-0.012813
4.1143	77.3716	80.7888	941.728	1096.53	-0.004076	5.92158	52.8571	-0.014083
4.1153	77.5083	81.0622	942.069	1093.89	-0.004076	5.92375	52.9558	-0.012813

4.1183	77.5083	80.7888	942.183	1094.02	-0.004076	5.92375	52.8571	-0.011583
4.1173	77.6449	80.7888	941.498	1093.61	-0.004076	5.92469	52.7584	-0.014688
4.1183	77.6449	81.0622	941.84	1094.02	-0.004076	5.92812	53.2519	-0.012813
4.1193	77.235	81.0622	942.411	1094.43	0.02038	5.93313	53.2519	-0.012813
4.1203	77.7816	80.2419	941.84	1094.16	-0.004076	5.93158	53.0545	-0.0125
4.1213	77.9183	81.3356	941.954	1094.02	-0.004076	5.93126	52.9558	-0.013438
4.1223	77.235	81.3356	942.183	1093.61	-0.004076	5.92186	53.2025	-0.01375
4.1233	77.6449	80.7888	942.411	1094.71	-0.004076	5.89656	53.0545	-0.011875
4.1243	77.7816	81.0622	942.84	1094.16	-0.028532	5.87719	53.1532	-0.012813
4.1253	77.7816	81.6091	941.954	1093.61	-0.004076	5.85969	53.0545	-0.012813
4.1263	77.5083	80.6621	941.041	1093.34	-0.008152	5.91719	53.1532	-0.012813
4.1273	77.3716	81.0622	941.954	1093.34	-0.004076	5.93719	53.1532	-0.013438
4.1283	77.3716	80.7888	941.954	1094.3	-0.004076	5.93219	53.1532	-0.012813
4.1293	77.5083	80.7888	941.84	1094.16	-0.012228	5.93375	53.1532	-0.013125
4.1303	77.235	81.1989	942.183	1093.89	-0.004076	5.93219	53.0545	-0.014083
4.1313	77.5083	80.7888	941.954	1094.71	0.028532	5.93094	53.0545	-0.014083
4.1323	77.3716	80.8521	942.069	1094.43	0.024456	5.93094	53.0051	-0.014688
4.1333	77.5083	80.6521	941.498	1093.89	-0.004076	5.92469	53.1038	-0.014375
4.1343	77.6449	81.6091	942.411	1093.61	-0.004076	5.92469	53.0545	-0.013438
4.1353	76.9617	81.0622	942.069	1094.16	-0.008152	5.91989	53.2519	-0.012813
4.1363	77.3716	81.0622	941.498	1095.12	-0.004076	5.92188	53.3605	-0.013125
4.1373	77.3716	80.6621	941.954	1093.61	-0.02038	5.92281	53.1532	-0.013125
4.1383	76.0549	80.2419	942.84	1094.02	-0.004076	5.92469	53.3999	-0.014083
4.1393	77.7816	81.4724	941.498	1093.07	-0.02038	5.92219	53.2519	-0.013438
4.1403	77.5083	81.1989	942.411	1094.3	-0.004076	5.92719	53.6486	-0.013125
4.1413	76.0549	80.9255	941.728	1093.61	-0.004076	5.92594	54.0414	-0.012813
4.1423	77.3716	81.0622	942.183	1093.89	-0.004076	5.92582	53.3999	-0.012813
4.1433	77.6449	80.7888	942.411	1094.16	-0.004076	5.92844	53.4492	-0.012813
4.1443	77.7816	81.0622	942.183	1093.61	-0.004076	5.92906	53.6486	-0.012186
4.1453	77.5083	80.9255	941.954	1093.61	0.036685	5.92781	53.2519	-0.013125
4.1463	77.5083	81.1989	942.754	1094.71	-0.02038	5.92969	53.698	-0.013125
4.1473	77.3716	80.9255	941.954	1093.89	-0.012228	5.92969	53.4492	-0.014688
4.1483	77.5083	80.9255	942.411	1093.61	-0.004076	5.90969	53.844	-0.011583
4.1483	77.5083	80.7888	942.297	1093.48	-0.004076	5.88594	53.6486	-0.011675
4.1503	77.7816	81.0622	942.297	1093.61	-0.004076	5.88687	53.5479	-0.015825
4.1513	77.7816	81.6091	942.297	1093.61	-0.004076	5.88469	53.844	-0.013438
4.1523	77.5083	81.6091	941.612	1093.48	-0.008152	5.93719	53.844	-0.013125
4.1533	77.7816	80.2419	941.954	1093.61	-0.004076	5.92937	53.7453	-0.013438
4.1543	77.5083	80.7888	941.954	1093.34	-0.016804	5.92969	53.992	-0.012813
4.1553	77.5083	81.0622	942.411	1093.89	-0.004076	5.92594	53.7946	-0.012813
4.1563	77.0983	80.6621	942.84	1094.71	0.048913	5.92906	53.7453	-0.013125
4.1573	77.7816	80.6521	942.411	1094.02	-0.02038	5.92556	53.844	-0.012813
4.1583	76.9617	80.7888	942.754	1095.25	-0.004076	5.92656	54.0414	-0.012813
4.1593	77.5083	81.1989	942.297	1093.89	-0.004076	5.92669	53.8933	-0.014083
4.1603	77.7816	81.0622	942.84	1094.16	-0.008162	5.92436	53.992	-0.011675
4.1613	77.235	80.7888	941.612	1092.52	-0.036685	5.91969	53.4492	-0.015838
4.1623	77.3716	81.1989	942.84	1094.02	-0.004076	5.92582	54.1401	-0.01376
4.1633	77.9183	80.9255	942.754	1093.34	-0.012228	5.92469	54.6335	-0.011675
4.1643	77.3716	80.7888	942.84	1094.16	-0.012228	5.92344	54.0414	-0.013125

4.1653	77.3716	81.0622	942.754	1093.48	-0.004076	5.92781	54.1401	-0.014376
4.1663	77.5083	80.7888	942.754	1094.16	-0.004076	5.92376	54.1894	-0.014688
4.1673	77.5083	80.7888	942.888	1093.61	-0.004076	5.92376	54.1894	-0.014376
4.1683	77.5083	80.7888	942.64	1094.16	-0.004076	5.92594	54.1894	-0.013125
4.1693	77.3716	81.0622	942.626	1093.89	-0.004076	5.92812	54.1401	-0.014376
4.1703	77.7816	81.1989	943.097	1093.34	-0.008152	5.92658	54.3888	-0.013438
4.1713	77.6449	81.1989	942.888	1093.61	-0.004076	5.92937	54.4381	-0.011563
4.1723	77.6449	81.3356	941.726	1092.52	-0.016304	5.93031	54.0414	-0.014688
4.1733	77.7816	81.3356	942.287	1093.75	0.02038	5.92312	54.7815	-0.013438
4.1743	77.6449	81.3356	943.325	1094.71	0.024456	5.89989	54.7815	-0.013438
4.1753	77.3716	81.0622	942.888	1094.3	-0.004076	5.88219	54.4381	-0.013125
4.1763	77.7816	81.6091	942.888	1093.61	-0.004076	5.88719	54.5842	-0.012813
4.1773	77.5083	81.1989	943.211	1093.89	0.02038	5.88781	54.7322	-0.014063
4.1783	77.7816	81.8826	942.411	1094.43	0.044837	5.94694	54.4855	-0.013438
4.1793	77.7816	80.9255	942.888	1094.16	-0.004076	5.92719	54.8309	-0.013125
4.1803	77.3716	80.9255	943.325	1094.98	-0.004076	5.93469	54.6829	-0.013438
4.1813	77.5083	81.0622	943.325	1093.89	-0.004076	5.93375	54.9298	-0.015313
4.1823	77.6449	81.0622	942.888	1093.89	-0.004076	5.92906	54.7322	-0.014063
4.1833	78.9817	80.7888	942.183	1092.52	-0.036685	5.92844	54.3374	-0.016876
4.1843	77.6449	81.1989	942.888	1094.71	-0.004076	5.92806	54.5842	-0.015313
4.1853	77.5083	80.9255	943.782	1094.16	-0.004076	5.92825	55.4724	-0.012813
4.1863	77.5083	81.0622	943.211	1094.16	-0.004076	5.92719	55.2256	-0.012813
4.1873	77.5083	81.0622	943.325	1094.43	-0.004076	5.92719	55.0283	-0.012813
4.1883	77.7816	81.6091	943.554	1094.16	0.02038	5.92344	55.1763	-0.012813
4.1893	77.5083	80.7888	942.888	1094.98	-0.004076	5.92469	55.0778	-0.012813
4.1903	77.9183	81.1989	942.888	1094.16	-0.008152	5.92312	54.9789	-0.015313
4.1913	77.5083	80.7888	943.211	1094.43	-0.004076	5.92312	55.275	-0.013125
4.1923	77.6449	81.6091	943.211	1095.8	-0.004076	5.92312	55.0283	-0.014688
4.1933	77.235	80.9255	942.888	1094.98	-0.004076	5.92469	55.3243	-0.013125
4.1943	77.5083	80.9255	942.888	1093.61	-0.088293	5.92562	54.8309	-0.01625
4.1953	77.6449	81.0622	943.325	1094.3	-0.004076	5.92656	55.423	-0.0125
4.1963	77.3716	81.1989	943.439	1094.16	-0.004076	5.92937	55.7191	-0.012188
4.1973	77.5083	81.0622	943.668	1094.43	-0.004076	5.93156	55.423	-0.014063
4.1983	77.235	80.6521	943.439	1094.71	-0.004076	5.93344	55.423	-0.013438
4.1993	77.235	81.0622	943.325	1095.53	-0.004076	5.91781	55.423	-0.015313
4.2003	77.5083	81.0622	943.554	1094.71	0.040781	5.89781	55.6204	-0.014063
4.2013	77.5083	81.1989	943.668	1095.53	-0.008152	5.87856	55.1763	-0.014063
4.2023	77.5083	80.9255	943.554	1095.39	-0.032609	5.88219	55.5217	-0.013125
4.2033	77.5083	81.0622	943.325	1094.98	-0.028532	5.92658	55.6204	-0.012188
4.2043	78.9817	80.9255	943.782	1094.71	-0.004076	5.94158	55.5217	-0.013438
4.2053	77.5083	80.9255	943.782	1093.89	-0.036685	5.93631	55.3243	-0.015313
4.2063	77.5083	81.3356	943.554	1094.71	-0.004076	5.93719	55.8178	-0.014375
4.2073	77.6449	81.0622	943.782	1095.53	-0.004076	5.93406	55.9658	-0.013438
4.2083	77.9183	81.6091	942.64	1096.07	-0.004076	5.93658	55.6204	-0.0125
4.2093	77.5083	80.7888	943.554	1095.53	-0.004076	5.93937	55.8178	-0.012813
4.2103	77.5083	81.0622	943.554	1095.12	-0.008152	5.93084	55.8871	-0.012813
4.2113	77.7816	81.0622	943.325	1095.66	-0.004076	5.92989	55.7884	-0.014375
4.2123	78.0649	81.7458	943.782	1096.07	-0.004076	5.92781	55.7191	-0.013125
4.2133	77.6449	80.7888	943.668	1095.8	-0.012228	5.92812	55.6204	-0.012813

4.2143	77.5083	80.7888	943.782	1097.57	-0.004076	5.92719	56.1136	-0.014375
4.2153	77.5083	81.3356	944.01	1095.8	-0.004076	5.93219	56.0646	-0.014688
4.2163	77.3716	81.1989	943.097	1093.61	-0.052989	5.92469	55.5217	-0.01825
4.2173	77.5083	80.9255	943.211	1095.8	-0.004076	5.92908	56.0645	-0.015313
4.2183	76.9617	79.9686	943.554	1098.35	-0.004076	5.93281	56.706	-0.013125
4.2193	77.5083	80.6153	943.439	1098.35	-0.004076	5.93219	56.2125	-0.013438
4.2203	77.3716	81.0622	943.554	1098.35	-0.004076	5.93406	56.2125	-0.013438
4.2213	78.0549	80.9255	943.782	1097.16	0.02038	5.93656	56.1632	-0.0125
4.2223	77.6449	81.1989	943.554	1096.21	0.044837	5.93656	56.3112	-0.012613
4.2233	77.5083	81.0622	943.782	1096.82	-0.004076	5.93719	56.2619	-0.013438
4.2243	77.3716	81.1989	944.01	1096.75	-0.012228	5.93989	56.3112	-0.012188
4.2253	77.7816	81.0622	943.554	1096.21	-0.004076	5.91989	56.2125	-0.012613
4.2263	77.5083	81.0622	944.01	1096.82	0.024456	5.89656	56.3112	-0.012613
4.2273	77.9183	81.8091	944.01	1095.8	-0.012228	5.87406	56.4099	-0.010313
4.2283	77.6449	81.0622	943.325	1096.82	-0.004076	5.88188	56.3606	-0.01375
4.2293	77.6449	81.0622	943.782	1096.36	-0.004076	5.95094	56.558	-0.012188
4.2303	77.7816	80.7888	943.782	1096.75	-0.004076	5.93563	56.3112	-0.014375
4.2313	77.6449	80.9255	943.325	1097.44	-0.016304	5.94126	56.3112	-0.013125
4.2323	77.7816	81.6091	944.01	1096.07	-0.004076	5.93594	56.3112	-0.013438
4.2333	78.1916	80.7888	943.554	1097.3	-0.004076	5.93887	56.5086	-0.013438
4.2343	77.7816	80.7888	943.782	1097.44	0.024456	5.93656	56.0162	-0.012613
4.2353	77.5083	81.0622	944.01	1097.71	-0.004076	5.93187	56.3112	-0.012613
4.2363	77.7816	81.4724	943.211	1097.16	-0.012228	5.93219	56.6073	-0.013125
4.2373	77.5083	81.0622	943.782	1096.89	-0.004076	5.93156	56.558	-0.013125
4.2383	77.5083	80.9255	944.363	1097.44	-0.02038	5.92844	56.4099	-0.014375
4.2393	77.3716	80.7888	943.668	1096.89	-0.004076	5.92719	56.3112	-0.015313
4.2403	77.5083	81.0622	944.239	1097.96	0.024456	5.93094	57.1007	-0.01375
4.2413	78.1916	80.2419	943.554	1097.96	-0.004076	5.92909	56.5086	-0.012613
4.2423	77.3716	81.1989	943.554	1097.96	-0.004076	5.93094	56.558	-0.0125
4.2433	77.3716	80.7888	943.782	1097.85	-0.004076	5.93219	56.4099	-0.012613
4.2443	77.6449	81.4724	943.554	1097.71	-0.004076	5.93281	56.5086	-0.012613
4.2453	77.5083	80.9255	944.01	1097.96	-0.004076	5.93281	56.6073	-0.012188
4.2463	77.9183	81.6091	943.325	1097.57	-0.004076	5.93594	56.5086	-0.014688
4.2473	77.235	80.9255	944.125	1098.8	0.028532	5.93906	56.706	-0.014063
4.2483	77.235	81.3356	944.696	1097.3	-0.004076	5.93906	56.706	-0.014063
4.2493	77.5083	80.7888	945.153	1098.26	-0.004076	5.94281	56.7553	-0.010938
4.2503	78.3283	80.6153	943.325	1097.86	-0.004076	5.93219	56.558	-0.016563
4.2513	77.5083	81.1989	943.782	1097.44	-0.008152	5.90656	57.1007	-0.01375
4.2523	77.235	80.9255	944.01	1098.39	-0.004076	5.88969	56.4099	-0.014063
4.2533	77.7816	80.7888	943.668	1097.96	-0.004076	5.87219	56.6073	-0.012613
4.2543	77.5083	81.0622	944.239	1098.39	-0.004076	5.92469	56.706	-0.011675
4.2553	77.7816	81.1989	943.782	1098.39	-0.004076	5.94969	56.6073	-0.014688
4.2563	77.7816	81.3356	943.782	1098.8	0.028532	5.93969	56.6666	-0.013438
4.2573	77.5083	81.1989	943.554	1098.67	-0.004076	5.93969	56.7553	-0.014063
4.2583	77.5083	80.9255	944.467	1099.08	-0.004076	5.94281	56.7553	-0.0125
4.2593	77.6449	81.0622	944.239	1098.26	-0.004076	5.93969	56.9034	-0.012613
4.2603	77.9183	81.3356	944.01	1097.96	-0.004076	5.93563	56.558	-0.013438
4.2613	77.5083	80.7888	942.868	1097.96	-0.004076	5.93631	56.558	-0.014063
4.2623	77.5083	80.9255	943.782	1098.94	-0.004076	5.93406	57.1007	-0.012188

4.26331	77.5083	80.7888	944.01	1099.35	-0.004078	5.93156	56.4099	-0.01375
4.26431	77.0983	80.9255	943.782	1099.49	-0.004078	5.93406	56.2125	-0.015313
4.26531	77.3716	81.1989	944.581	1098.8	-0.004078	5.93344	56.8566	-0.014063
4.26631	77.5083	80.9255	943.325	1098.53	-0.004078	5.93469	56.706	-0.014688
4.26731	76.9617	81.1989	943.554	1098.67	-0.008152	5.93469	56.4099	-0.014063
4.26831	77.6449	81.0622	944.125	1099.62	-0.004078	5.93719	56.6566	-0.013125
4.26931	76.9617	80.5153	943.782	1099.9	-0.004078	5.93469	56.4099	-0.014063
4.27031	77.5083	81.1989	944.353	1098.53	-0.012228	5.93531	56.8073	-0.01375
4.27131	77.5083	81.0622	944.239	1098.94	-0.004078	5.93812	56.5086	-0.009688
4.27231	77.5083	81.1989	943.782	1098.53	-0.004078	5.93719	56.4099	-0.015313
4.27331	77.235	81.1989	943.439	1098.94	-0.004078	5.93969	56.9034	-0.014063
4.27431	77.9183	80.7888	943.554	1099.08	-0.004078	5.94281	56.3112	-0.013438
4.27531	77.5083	81.0622	944.01	1099.49	-0.004078	5.93906	56.4099	-0.013125
4.27631	77.7816	81.3356	943.782	1098.26	-0.015304	5.91344	56.4099	-0.011875
4.27731	77.9183	81.6091	943.554	1099.9	-0.004078	5.89656	56.5086	-0.014063
4.27831	77.5083	80.7888	943.782	1100.03	0.044837	5.87687	56.3112	-0.013438
4.27931	76.9617	81.1989	943.896	1099.35	-0.004078	5.88656	56.4099	-0.011583
4.28031	77.5083	80.7888	943.439	1100.17	-0.012228	5.95594	56.4099	-0.012813
4.28131	77.235	81.0622	943.325	1098.8	-0.004078	5.94156	56.4099	-0.015313
4.28231	77.5083	81.0622	944.896	1099.49	-0.004078	5.94688	56.706	-0.008063
4.28331	77.3716	81.0622	943.782	1099.35	-0.004078	5.94219	56.2125	-0.014063
4.28431	77.5083	81.1989	943.325	1099.08	0.02038	5.94312	56.6566	-0.011875
4.28531	77.7816	80.7888	943.439	1100.03	-0.004078	5.94219	56.558	-0.012813
4.28631	77.6449	80.9255	943.782	1099.62	-0.008152	5.94469	56.1138	-0.013125
4.28731	77.5083	81.3356	943.554	1099.62	-0.004078	5.94125	56.4099	-0.012813
4.28831	76.0549	80.2419	943.782	1099.62	0.02038	5.93906	56.5086	-0.0125
4.28931	77.5083	81.0622	944.01	1099.9	-0.004078	5.93875	56.3806	-0.014063
4.29031	77.5083	80.7888	943.896	1099.62	-0.004078	5.93719	56.4099	-0.013125
4.29131	77.7816	81.3356	942.868	1100.72	-0.012228	5.93719	56.4099	-0.010938
4.29231	77.5083	80.9255	943.325	1099.76	-0.004078	5.93844	56.2819	-0.012188
4.29331	77.5083	80.9255	943.896	1099.49	-0.004078	5.93594	56.6566	-0.010313
4.29431	77.235	80.7888	943.325	1100.31	-0.004078	5.93906	56.3112	-0.015
4.29531	77.5083	80.7888	943.688	1100.03	-0.012228	5.93844	56.8047	-0.014063
4.29631	76.0549	80.5153	942.754	1099.9	-0.004078	5.93781	56.4099	-0.011875
4.29731	77.7816	80.7888	943.211	1099.62	-0.004078	5.93656	56.8073	-0.014888
4.29831	77.5083	81.0622	944.896	1099.49	0.02038	5.94094	56.4099	-0.012813
4.29931	77.5083	80.9255	943.782	1100.72	-0.004078	5.93937	56.3112	-0.014063
4.30031	77.7816	81.0622	943.782	1099.62	0.024456	5.94219	56.3606	-0.01375
4.30131	77.5083	80.7888	943.554	1099.62	-0.004078	5.93344	56.2125	-0.013438
4.30231	77.6449	80.5153	943.554	1100.72	-0.012228	5.90594	56.2819	-0.01375
4.30331	76.0549	81.4724	942.868	1099.08	-0.008152	5.88469	56.3806	-0.012813
4.30431	77.3716	80.9255	944.239	1100.72	-0.008152	5.88437	56.2125	-0.010938
4.30531	77.6449	80.7888	944.01	1100.03	-0.008152	5.88781	56.2125	-0.012813
4.30631	77.5083	80.9255	943.325	1099.9	-0.004078	5.94844	56.4099	-0.013438
4.30731	77.5083	81.0622	943.896	1100.72	0.02038	5.93219	56.4099	-0.012188
4.30831	77.6449	81.6091	943.554	1100.58	-0.004078	5.94094	56.1138	-0.012188
4.30931	77.9183	81.4724	942.526	1100.17	-0.004078	5.93656	56.1632	-0.012813
4.31031	76.9617	81.0622	942.868	1100.17	-0.004078	5.93219	56.2125	-0.012188
4.31131	77.0983	80.7888	943.688	1100.72	0.040761	5.93406	56.3112	-0.013438

4.31231	77.6449	80.9255	943.325	1100.44	-0.004076	5.93125	56.1632	-0.014063
4.31331	77.5083	81.0622	943.325	1101.94	-0.004076	5.92908	56.1138	-0.014375
4.31431	77.7816	81.0622	943.688	1099.49	-0.012228	5.92844	56.1138	-0.014063
4.31531	77.5083	80.7888	944.239	1100.85	-0.004076	5.92844	55.9165	-0.011563
4.31631	77.5083	81.1989	943.554	1100.31	-0.004076	5.92594	56.0152	-0.014688
4.31731	77.5083	81.3356	943.782	1100.99	0.024456	5.93156	56.4099	-0.01375
4.31831	77.5083	80.9255	943.325	1100.17	-0.004076	5.92906	56.0152	-0.014063
4.31931	77.7816	80.5153	943.097	1100.72	-0.004076	5.92844	56.0152	-0.013438
4.32031	77.5083	80.7888	943.554	1101.26	-0.004076	5.93094	56.0152	-0.012813
4.32131	77.3716	80.9255	943.782	1100.72	-0.004076	5.93082	55.8178	-0.01375
4.32231	77.6449	81.0622	943.439	1100.72	0.028532	5.92969	56.0152	-0.012813
4.32331	77.5083	81.0622	943.688	1100.72	-0.004076	5.93082	55.9165	-0.01375
4.32431	78.0649	80.2419	943.325	1101.26	-0.004076	5.93313	55.9165	-0.012813
4.32531	77.5083	80.7888	943.325	1100.72	-0.004076	5.93344	55.9165	-0.011563
4.32631	77.5083	80.9255	943.782	1100.72	-0.004076	5.93094	55.9165	-0.010826
4.32731	78.9617	81.0622	943.325	1100.85	-0.004076	5.92969	55.8671	-0.01375
4.32831	78.9617	81.0622	942.868	1100.17	-0.004076	5.90719	56.0152	-0.014688
4.32931	77.7816	81.6091	943.211	1100.44	-0.004076	5.88469	56.0152	-0.01375
4.33031	77.5083	80.7888	942.868	1101.26	-0.008152	5.86719	55.7191	-0.014688
4.33131	78.3283	80.2419	942.64	1100.31	-0.004076	5.89094	55.4724	-0.012813
4.33231	77.7816	80.7888	942.868	1101.26	0.02038	5.9475	55.6204	-0.014688
4.33331	77.7816	80.9255	943.325	1100.17	0.044837	5.93219	55.8178	-0.014375
4.33431	77.5083	80.8521	943.325	1101.26	-0.008152	5.93219	55.6204	-0.0125
4.33531	78.9617	81.0622	942.868	1101.26	-0.004076	5.92844	56.0152	-0.011563
4.33631	77.6449	81.0622	942.64	1100.72	-0.012228	5.92844	55.2256	-0.014063
4.33731	78.1816	80.2419	944.239	1100.99	-0.004076	5.92969	55.3243	-0.009375
4.33831	77.6449	81.1989	943.688	1100.72	-0.02038	5.92856	55.3243	-0.015625
4.33931	77.6449	81.0622	942.868	1100.72	-0.004076	5.92856	55.3737	-0.015313
4.34031	77.5083	80.7888	943.325	1100.99	0.024456	5.92469	55.4724	-0.013438
4.34131	77.7816	81.1989	943.211	1101.26	-0.004076	5.92188	55.3243	-0.012188
4.34231	77.5083	81.0622	942.868	1100.85	-0.008152	5.92376	55.2256	-0.01375
4.34331	77.5083	81.0622	942.868	1100.85	-0.004076	5.92687	55.1763	-0.012813
4.34431	77.5083	80.7888	943.325	1101.26	-0.004076	5.92312	55.2256	-0.013438
4.34531	77.5083	80.7888	942.868	1100.85	-0.004076	5.92219	55.127	-0.0125
4.34631	77.0983	80.8521	942.868	1102.22	-0.004076	5.92344	55.1763	-0.014375
4.34731	77.7816	80.7888	943.325	1100.72	-0.004076	5.92281	55.1763	-0.012813
4.34831	77.5083	81.0622	942.868	1100.99	-0.004076	5.92281	54.9789	-0.011563
4.34931	77.3716	81.0622	943.439	1100.44	-0.004076	5.92662	54.6335	-0.013438
4.35031	77.7816	81.6091	942.297	1100.31	-0.004076	5.92781	54.7815	-0.011563
4.35131	77.7816	81.3356	941.854	1100.72	-0.004076	5.92719	55.2256	-0.012813
4.35231	77.5083	80.7888	942.868	1100.72	-0.004076	5.93094	54.7322	-0.012813
4.35331	77.7816	81.0622	942.868	1100.85	-0.004076	5.92876	54.6346	-0.014063
4.35431	77.5083	81.0622	943.325	1101.26	0.028532	5.90562	54.7322	-0.012188
4.35531	77.7816	81.0622	942.868	1101.26	0.040761	5.88344	54.7322	-0.012188
4.35631	77.3716	81.3356	942.526	1100.99	-0.004076	5.88525	54.4361	-0.011875
4.35731	77.7816	80.7888	942.64	1101.81	-0.004076	5.87969	54.2881	-0.012813
4.35831	77.5083	81.0622	942.411	1101.26	-0.008152	5.94344	54.3868	-0.012813
4.35931	77.9183	81.8826	942.754	1100.99	-0.004076	5.92781	54.3374	-0.009688
4.36031	77.5083	80.9255	941.854	1100.17	-0.004076	5.92844	54.1401	-0.014375

4.38131	77.7816	81.0622	942.183	1100.44	-0.004076	5.92781	54.0414	-0.014688
4.38231	77.8449	80.9255	942.526	1100.72	-0.004076	5.92969	54.5348	-0.012188
4.38331	77.7816	81.0622	942.526	1100.58	-0.004076	5.92825	54.2387	-0.015313
4.38431	77.5083	81.1989	942.64	1100.44	-0.004076	5.92844	54.2387	-0.013438
4.38531	77.5083	80.9255	942.411	1100.44	-0.004076	5.92408	54.2387	-0.013125
4.38631	78.0549	80.7888	942.183	1100.99	0.02038	5.92219	54.1894	-0.012813
4.38731	78.3283	81.0622	942.183	1100.31	-0.004076	5.91969	54.1401	-0.014063
4.38831	78.0549	81.0622	942.64	1102.22	-0.004076	5.91781	54.1401	-0.011876
4.38931	78.9617	80.8521	942.183	1100.99	-0.004076	5.91969	53.7946	-0.014688
4.37031	77.6083	80.7888	942.297	1100.85	-0.016304	5.91969	53.8933	-0.012813
4.37131	77.9183	81.0622	942.297	1100.72	-0.004076	5.91812	53.9427	-0.014688
4.37231	77.9183	81.0622	941.84	1100.58	-0.004076	5.92344	53.9427	-0.013125
4.37331	78.9617	80.7888	942.754	1101.26	0.024456	5.92281	53.844	-0.013438
4.37431	77.235	81.0622	942.64	1101.26	-0.004076	5.92469	54.1401	-0.0125
4.37532	77.6083	80.9255	942.411	1100.99	-0.004076	5.92844	53.8933	-0.01375
4.37632	77.7816	80.7888	941.84	1100.44	-0.012228	5.92344	53.8933	-0.012813
4.37732	77.7816	80.7888	942.183	1100.99	0.024456	5.92406	53.7946	-0.013438
4.37832	77.9183	81.3356	942.526	1101.26	-0.004076	5.92906	53.5479	-0.014375
4.37932	77.7816	81.0622	941.954	1101.13	-0.016304	5.91969	53.9427	-0.012188
4.38032	77.7816	81.0622	942.069	1100.72	-0.008152	5.89937	53.844	-0.014063
4.38132	77.8449	80.9255	942.526	1100.44	-0.004076	5.88156	53.7946	-0.011563
4.38232	77.5083	81.0622	941.041	1099.62	-0.02038	5.86094	53.3999	-0.014688
4.38332	77.6083	81.3356	942.183	1100.72	-0.004076	5.86969	53.6468	-0.012813
4.38432	78.4649	80.2419	942.64	1100.72	-0.004076	5.93969	53.844	-0.013438
4.38532	78.0549	80.9255	941.954	1100.85	-0.004076	5.92531	53.5973	-0.011563
4.38632	77.5083	81.1989	942.526	1100.72	-0.004076	5.93084	53.4492	-0.013125
4.38732	78.0549	81.0622	941.84	1100.99	0.028532	5.92469	53.4492	-0.014063
4.38832	77.7816	81.1989	941.954	1100.72	0.036865	5.92219	53.4492	-0.013438
4.38932	78.0549	81.0622	942.069	1102.08	-0.004076	5.92219	53.2519	-0.012813
4.39032	77.5083	80.9255	941.954	1100.72	-0.004076	5.92219	53.3505	-0.011563
4.39132	77.5083	80.9255	941.612	1100.17	-0.004076	5.91969	53.3505	-0.012813
4.39232	77.8449	81.0622	941.612	1100.44	-0.004076	5.91563	53.2025	-0.011563
4.39332	78.9617	80.7888	941.954	1100.17	-0.02038	5.91469	53.0545	-0.016825
4.39432	77.7816	81.3356	941.041	1100.72	-0.004076	5.91469	53.2025	-0.014375
4.39532	77.7816	81.4724	941.954	1100.99	0.024456	5.91469	53.0051	-0.015825
4.39632	77.5083	80.5153	941.726	1100.17	-0.004076	5.91844	53.2519	-0.013438
4.39732	77.5083	80.7888	941.383	1100.72	-0.004076	5.91969	53.0545	-0.014063
4.39832	77.7816	80.9255	941.84	1100.99	-0.004076	5.91887	53.0545	-0.012813
4.39932	77.8449	80.7888	942.183	1101.13	0.052989	5.91812	53.1532	-0.014375
4.40032	77.7816	80.7888	941.954	1100.72	-0.004076	5.91844	52.9064	-0.014063
4.40132	77.7816	81.3356	941.954	1100.44	-0.012228	5.92125	53.0051	-0.012813
4.40232	77.8449	81.0622	941.289	1100.17	-0.004076	5.92168	53.1532	-0.013125
4.40332	77.6083	80.9255	941.726	1100.58	-0.004076	5.92281	53.0051	-0.01375
4.40432	77.8449	80.9255	940.356	1099.08	-0.052989	5.92188	52.561	-0.017188
4.40532	78.0549	80.5153	941.383	1100.99	-0.004076	5.92406	52.9064	-0.014375
4.40632	78.3283	80.2419	941.498	1100.17	-0.004076	5.90469	53.2025	-0.012813
4.40732	77.6083	81.0622	941.041	1100.17	-0.004076	5.88344	52.7584	-0.012813
4.40832	78.0549	80.2419	941.498	1100.58	-0.004076	5.88469	52.8571	-0.012813
4.40932	78.0549	81.3356	941.041	1100.44	0.02038	5.85969	52.7584	-0.013438

4.41032	77.7816	81.1989	941.498	1100.31	0.028532	5.93281	53.0051	-0.012813
4.41132	77.6449	81.0622	941.383	1100.17	-0.004076	5.92219	52.9084	-0.013125
4.41232	77.5083	80.7888	941.954	1100.99	-0.004076	5.92344	52.7091	-0.014375
4.41332	77.7816	80.7888	941.612	1101.28	-0.004076	5.92219	52.7584	-0.013438
4.41432	78.0549	80.2419	941.498	1100.44	-0.004076	5.92219	52.9084	-0.012188
4.41532	77.9183	80.9255	941.383	1099.62	-0.024456	5.91969	52.2156	-0.013438
4.41632	77.3716	81.3356	941.498	1100.72	-0.004076	5.92281	52.7091	-0.013438
4.41732	77.7816	81.0622	941.041	1100.03	-0.004076	5.91844	52.7091	-0.012813
4.41832	77.235	80.5153	941.041	1100.58	-0.004076	5.91844	52.6104	-0.012813
4.41932	77.7816	81.1989	941.269	1100.58	-0.004076	5.91969	52.8078	-0.012813
4.42032	77.5083	81.0622	941.726	1099.9	-0.004076	5.91344	52.561	-0.01375
4.42132	77.3716	81.0622	941.269	1100.72	0.028532	5.91437	52.4623	-0.013438
4.42232	78.0549	80.5153	941.383	1100.72	-0.004076	5.91781	52.3636	-0.012813
4.42332	77.6449	81.1989	940.812	1100.03	-0.008152	5.91687	52.561	-0.012188
4.42432	77.235	80.2419	940.698	1099.9	-0.004076	5.91719	52.413	-0.013438
4.42532	78.3283	81.1989	941.269	1100.68	-0.004076	5.91969	52.7584	-0.012188
4.42632	78.0549	81.3356	940.127	1098.63	-0.040761	5.91687	52.1663	-0.015313
4.42732	77.6449	81.0622	940.127	1100.31	-0.004076	5.91844	52.413	-0.014688
4.42832	77.7816	80.9255	940.812	1100.17	0.012228	5.92188	52.9084	-0.014063
4.42932	77.0983	80.9255	940.812	1100.44	-0.004076	5.92469	52.3143	-0.014063
4.43032	77.7816	80.9255	940.584	1099.76	-0.004076	5.92594	52.561	-0.015938
4.43132	78.0549	81.6091	941.269	1100.58	-0.004076	5.92469	52.413	-0.013438
4.43232	76.9617	80.5153	940.584	1100.44	0.040761	5.91094	52.4623	-0.012813
4.43332	77.6449	81.1989	941.041	1100.72	-0.004076	5.88469	52.265	-0.01375
4.43432	77.7816	80.9255	940.127	1100.03	-0.008152	5.88344	52.0676	-0.013438
4.43532	77.9183	80.7888	941.041	1101.13	-0.004076	5.86156	52.413	-0.012813
4.43632	77.5083	80.7888	940.698	1100.03	-0.036685	5.93281	52.265	-0.014063
4.43732	77.9183	81.1989	941.041	1098.8	-0.048913	5.92344	51.6235	-0.014688
4.43832	77.7816	80.9255	940.355	1099.62	-0.012228	5.92969	52.2156	-0.013125
4.43932	78.0549	81.1989	940.47	1099.76	-0.004076	5.92844	52.6597	-0.012188
4.44032	77.7816	80.9255	940.47	1100.17	-0.004076	5.92594	52.1663	-0.012188
4.44132	77.7816	80.7888	940.47	1100.03	-0.004076	5.92908	52.3636	-0.013438
4.44232	78.0549	80.2419	941.041	1100.17	-0.004076	5.92312	52.0676	-0.012188
4.44332	77.7816	81.0622	940.355	1099.62	-0.004076	5.92156	52.265	-0.013438
4.44432	77.6449	81.0622	940.355	1099.62	-0.008152	5.91844	52.0676	-0.014063
4.44532	77.7816	81.1989	940.812	1100.17	-0.004076	5.91719	52.0182	-0.014063
4.44632	77.7816	80.7888	940.584	1099.08	-0.004076	5.91563	52.265	-0.013438
4.44732	77.7816	80.7888	940.241	1099.21	-0.004076	5.91594	51.9689	-0.013438
4.44832	77.7816	81.1989	940.127	1099.08	-0.016304	5.9175	51.6702	-0.012188
4.44932	77.5083	80.7888	940.47	1099.9	-0.004076	5.91781	52.0182	-0.014063
4.45032	77.6449	80.7888	940.584	1099.9	0.02038	5.91812	52.5117	-0.014063
4.45132	77.7816	80.7888	940.698	1099.08	-0.008152	5.91876	52.1663	-0.012188
4.45232	77.5083	81.1989	940.355	1099.9	-0.004076	5.91906	51.9195	-0.013438
4.45332	78.9617	80.2419	939.784	1099.08	-0.024456	5.91937	51.9689	-0.015313
4.45432	77.6449	80.7888	940.584	1099.9	-0.008152	5.92219	52.0676	-0.012813
4.45532	77.6449	80.7888	940.127	1100.17	0.02038	5.92376	52.0676	-0.014688
4.45632	77.7816	81.1989	940.812	1099.9	-0.004076	5.92781	51.8209	-0.012813
4.45732	77.5083	81.0622	940.812	1101.28	-0.004076	5.92719	52.1189	-0.0125
4.45832	77.6449	81.1989	940.584	1099.76	-0.004076	5.91187	51.9689	-0.0125

4.45932	77.7816	81.0822	940.927	1099.9	-0.008152	5.88489	51.8728	-0.012188
4.46032	77.7816	81.1989	939.899	1099.62	-0.012228	5.88844	51.8702	-0.015
4.46132	77.7816	81.0822	940.584	1099.62	-0.004076	5.86219	52.265	-0.013438
4.46232	77.5083	81.0822	940.47	1100.44	-0.004076	5.93344	52.1169	-0.013126
4.46332	77.235	80.9255	940.013	1100.03	-0.004076	5.92969	52.3143	-0.014063
4.46432	78.0549	81.0822	939.899	1100.72	-0.004076	5.92781	51.9195	-0.011563
4.46532	77.6449	81.0822	940.013	1100.17	-0.004076	5.92531	52.0182	-0.013438
4.46632	77.7816	80.7888	939.899	1099.62	0.028532	5.92858	52.0182	-0.012813
4.46732	77.9183	80.7888	940.127	1100.17	-0.004076	5.92469	51.8702	-0.013438
4.46832	78.3283	81.3358	940.127	1100.03	-0.008152	5.91969	51.8728	-0.016313
4.46932	77.5083	81.1989	940.127	1099.49	-0.012228	5.91937	51.8702	-0.014688
4.47032	77.5083	80.9255	941.041	1099.78	-0.02038	5.91969	51.9195	-0.011875
4.47132	77.9183	81.1989	939.442	1099.35	-0.004076	5.91875	51.7715	-0.015313
4.47232	78.0549	81.3358	939.67	1099.62	-0.008152	5.91563	52.2166	-0.012813
4.47332	77.5083	80.7888	940.127	1100.72	0.02038	5.91781	52.0676	-0.012188
4.47432	77.0983	80.2419	939.558	1099.35	-0.004076	5.91719	51.8728	-0.015313
4.47532	77.7816	81.0822	940.127	1099.9	-0.004076	5.91812	51.9195	-0.012813
4.47632	78.0549	81.6081	940.013	1099.62	-0.012228	5.91844	51.8702	-0.012813
4.47732	77.7816	81.3358	939.67	1100.17	-0.004076	5.91937	51.8728	-0.014063
4.47832	77.6083	80.9255	939.67	1099.78	-0.012228	5.91812	51.8702	-0.013438
4.47932	77.7816	80.7888	939.67	1101.81	-0.012228	5.91969	52.0182	-0.01375
4.48032	77.9183	81.4724	939.213	1099.08	-0.012228	5.92281	52.0676	-0.012813
4.48132	77.7816	81.0822	939.899	1100.17	0.02038	5.92858	51.8728	-0.01375
4.48232	77.235	80.5153	939.099	1099.08	-0.02038	5.92908	51.8702	-0.013438
4.48332	77.7816	81.0822	939.558	1099.49	-0.004076	5.92469	52.2166	-0.015313
4.48432	77.6449	80.7888	939.67	1099.49	-0.004076	5.90188	51.9195	-0.013438
4.48532	77.6083	80.7888	939.558	1099.35	-0.004076	5.88562	51.9689	-0.013438
4.48632	77.7816	80.7888	939.899	1100.17	-0.004076	5.88594	51.8702	-0.014688
4.48732	77.5083	80.9255	939.67	1100.72	-0.02038	5.88908	51.9195	-0.013126
4.48832	77.5083	80.7888	939.899	1100.44	0.044837	5.93969	51.8728	-0.012813
4.48932	77.7816	81.1989	939.099	1099.35	-0.004076	5.92687	51.9689	-0.01375
4.49032	77.235	80.6521	939.558	1099.35	-0.004076	5.92969	52.0182	-0.013438
4.49132	78.0549	81.6081	939.099	1099.62	-0.004076	5.92844	51.9689	-0.012188
4.49232	77.0983	81.0822	940.812	1099.62	-0.004076	5.92969	52.1863	-0.007188
4.49332	77.9183	81.1989	939.099	1099.49	-0.004076	5.92625	51.9689	-0.014063
4.49432	77.9183	81.0822	939.558	1099.08	-0.004076	5.92469	51.9689	-0.011875
4.49532	78.0549	80.2419	939.213	1099.78	-0.004076	5.92694	51.9689	-0.014375
4.49632	77.9183	80.9255	939.442	1099.35	-0.004076	5.92344	51.8209	-0.013438
4.49732	77.7816	81.0822	939.899	1099.78	-0.004076	5.92219	51.8702	-0.014063
4.49832	77.7816	81.0822	939.558	1099.62	-0.012228	5.91969	51.8728	-0.012813
4.49932	77.7816	80.9255	939.558	1099.62	0.028532	5.92094	51.8702	-0.012188
4.50032	77.7816	80.7888	939.558	1099.9	-0.012228	5.92218	51.8702	-0.012813
4.50132	77.9183	80.5153	939.558	1100.72	-0.004076	5.92312	52.0182	-0.012188
4.50232	77.6083	80.7888	939.099	1099.08	-0.004076	5.92281	51.8728	-0.015313
4.50332	77.235	80.7888	940.584	1099.78	-0.004076	5.92344	51.9195	-0.012813
4.50432	78.825	80.6521	939.213	1099.62	-0.004076	5.92469	51.9689	-0.014375
4.50532	77.7816	80.7888	939.099	1099.49	-0.008152	5.92469	52.3636	-0.012813
4.50632	77.5083	81.0822	939.442	1099.9	0.02038	5.92469	51.8702	-0.013438
4.50732	77.5083	80.9255	939.213	1099.9	-0.004076	5.92781	52.0676	-0.011563

4.50832	77.9183	81.0622	939.213	1099.62	-0.004076	5.92969	52.0182	-0.016313
4.50932	77.7816	81.0622	939.87	1100.17	-0.004076	5.92594	51.9689	-0.012813
4.51032	77.7816	80.7888	939.87	1099.9	0.0040761	5.90469	51.9689	-0.014688
4.51132	77.7816	80.7888	939.213	1099.35	-0.004076	5.88156	51.8209	-0.013125
4.51232	77.7816	81.6081	939.213	1100.17	-0.004076	5.86094	51.8702	-0.014083
4.51332	77.7816	81.0622	938.756	1099.08	-0.012228	5.87344	51.8209	-0.012813
4.51433	77.6449	81.0622	940.584	1099.08	-0.004076	5.94438	52.3143	-0.011583
4.51533	77.5083	80.7888	938.985	1099.62	-0.004076	5.92594	51.6728	-0.014376
4.51633	77.7816	81.0622	939.213	1099.9	-0.004076	5.93094	51.9689	-0.013438
4.51733	77.7816	81.1989	939.442	1099.62	-0.004076	5.92969	52.265	-0.013438
4.51833	78.0549	81.0622	938.985	1099.35	-0.008152	5.92887	52.1863	-0.012813
4.51933	77.5083	80.7888	939.099	1099.49	-0.004076	5.92875	51.6728	-0.015625
4.52033	77.9183	81.6091	939.213	1099.35	-0.004076	5.92531	52.0182	-0.013438
4.52133	77.7816	81.0622	939.213	1099.9	0.02038	5.92594	51.6728	-0.012813
4.52233	78.0549	80.2419	938.871	1099.76	-0.012228	5.92344	52.0676	-0.013125
4.52333	77.6449	80.7888	939.099	1101.28	-0.008152	5.92408	52.265	-0.013125
4.52433	77.3716	80.7888	938.985	1099.08	-0.004076	5.92281	52.2166	-0.012813
4.52533	77.5083	80.7888	940.127	1099.49	-0.004076	5.92281	52.2166	-0.010313
4.52633	77.5083	80.9255	939.099	1099.62	-0.004076	5.92312	52.0182	-0.015313
4.52733	77.7816	81.3356	939.099	1099.35	-0.004076	5.92219	52.4823	-0.01375
4.52833	77.3716	81.0622	938.528	1099.49	-0.004076	5.92219	52.1863	-0.014083
4.52933	77.7816	81.0622	939.213	1100.03	0.032809	5.92594	52.265	-0.0125
4.53033	77.6449	81.1989	939.213	1099.35	-0.012228	5.92781	51.9195	-0.013438
4.53133	77.7816	81.0622	939.213	1100.03	0.028532	5.92658	52.0676	-0.014083
4.53233	77.6449	81.0622	939.213	1099.76	-0.004076	5.92069	52.0676	-0.013125
4.53333	77.7816	81.0622	939.213	1099.08	-0.004076	5.9325	52.0182	-0.012813
4.53433	77.7816	80.9255	939.213	1100.17	-0.004076	5.93281	52.3143	-0.012813
4.53533	78.4649	80.5153	939.213	1099.35	-0.008152	5.93031	52.265	-0.012813
4.53633	78.8016	80.2419	939.784	1099.62	-0.004076	5.90875	52.0182	-0.010825
4.53733	77.6449	80.7888	939.213	1099.49	0.02038	5.88469	52.0676	-0.014083
4.53833	77.9183	81.0622	939.87	1099.62	-0.004076	5.86844	52.0676	-0.014083
4.53933	78.0549	81.0622	939.099	1099.21	-0.004076	5.86719	52.7091	-0.011583
4.54033	77.5083	81.0622	939.213	1099.49	-0.004076	5.84719	52.413	-0.011583
4.54133	78.9617	81.0622	939.213	1100.17	-0.004076	5.93219	52.3143	-0.014083
4.54233	77.6449	81.0622	939.327	1098.94	-0.004076	5.93719	52.3636	-0.012813
4.54333	77.6449	81.0622	938.871	1099.49	0.028532	5.93094	52.265	-0.014376
4.54433	78.9617	81.0622	939.213	1099.49	-0.004076	5.93187	52.3636	-0.013438
4.54533	77.7816	81.0622	938.756	1099.08	-0.004076	5.93156	52.2166	-0.014375
4.54633	78.3283	81.3356	939.213	1100.44	-0.004076	5.92969	52.1863	-0.013125
4.54733	77.7816	81.1989	940.013	1099.62	-0.004076	5.92812	52.3636	-0.011583
4.54833	77.5083	80.7888	938.756	1099.08	-0.004076	5.92469	52.4823	-0.014688
4.54933	77.9183	81.0622	938.985	1100.17	0.028532	5.92281	52.581	-0.014083
4.55033	77.6449	81.0622	938.642	1099.76	-0.004076	5.92469	52.3143	-0.013438
4.55133	78.0549	81.1989	938.985	1100.03	-0.004076	5.92658	52.7584	-0.014083
4.55233	78.0549	81.6091	938.871	1099.49	-0.004076	5.93031	52.8597	-0.013125
4.55333	77.7816	80.7888	939.213	1100.17	-0.004076	5.92658	52.4623	-0.014083
4.55433	77.9183	81.1989	939.213	1100.03	0.02038	5.92906	52.3636	-0.015313
4.55533	77.6449	81.1989	939.099	1099.49	-0.008152	5.92906	52.7091	-0.015
4.55633	77.7816	80.7888	939.099	1101.13	-0.004076	5.92969	52.7584	-0.014083

4.55733	78.1916	80.7888	938.842	1098.8	-0.004076	5.93344	52.8078	-0.014688
4.55833	77.7816	80.7888	939.099	1100.17	-0.004076	5.93583	52.8597	-0.012813
4.55933	77.9183	81.0822	939.442	1099.62	-0.004076	5.93344	52.8571	-0.014688
4.56033	77.9183	80.9255	938.756	1099.35	-0.012228	5.93469	52.8078	-0.013438
4.56133	77.7816	81.0822	938.528	1099.9	-0.004076	5.93094	52.7584	-0.013438
4.56233	77.5083	80.5153	939.213	1099.35	-0.004076	5.90594	52.7091	-0.013438
4.56333	78.0549	81.6091	938.299	1099.62	-0.004076	5.88856	52.9558	-0.012813
4.56433	77.7816	81.0822	938.985	1100.17	-0.004076	5.88844	52.7584	-0.013125
4.56533	77.7816	81.0822	939.213	1099.9	0.057085	5.90594	52.581	-0.013438
4.56633	77.7816	80.7888	938.756	1099.9	-0.004076	5.94989	52.4623	-0.014376
4.56733	77.9183	81.1989	938.756	1099.62	-0.004076	5.93687	52.8064	-0.013438
4.56833	77.9183	81.1989	939.213	1100.03	-0.004076	5.93489	52.8104	-0.01375
4.56933	77.7816	80.9255	939.213	1099.35	0.016304	5.93344	52.8597	-0.011563
4.57033	77.7816	81.0822	939.558	1098.53	-0.004076	5.93594	52.8064	-0.014063
4.57133	77.7816	81.0822	938.756	1099.9	-0.004076	5.93563	53.1532	-0.014375
4.57233	77.9183	81.0822	938.756	1100.03	-0.004076	5.93219	53.2519	-0.012813
4.57333	77.9183	81.4724	939.099	1099.08	-0.004076	5.9325	52.8571	-0.013125
4.57433	77.7816	81.0622	939.442	1099.8	0.02038	5.93156	53.0061	-0.013125
4.57533	77.7816	80.9255	938.842	1099.8	-0.004076	5.92489	52.9568	-0.012813
4.57633	77.9183	80.8521	938.842	1100.58	0.02038	5.92906	52.8571	-0.013438
4.57733	77.7816	81.4724	938.756	1099.78	-0.004076	5.92844	53.1038	-0.012188
4.57833	77.9183	80.9255	939.213	1101.28	-0.004076	5.92875	53.1532	-0.012813
4.57933	77.7816	81.0622	938.299	1099.62	-0.004076	5.93062	53.0051	-0.012813
4.58033	77.7816	81.1989	938.985	1099.62	-0.004076	5.93031	53.2519	-0.015313
4.58133	78.0549	81.0822	938.756	1099.08	-0.004076	5.92969	53.0545	-0.015938
4.58233	78.3283	81.3356	937.843	1099.21	-0.004076	5.93437	53.2519	-0.014063
4.58333	77.7816	80.7888	938.299	1099.62	-0.004076	5.93437	53.8488	-0.014063
4.58433	77.5083	81.3356	938.299	1100.17	0.024456	5.93781	53.2025	-0.015313
4.58533	77.9183	80.9255	938.756	1099.78	0.024456	5.94187	53.3505	-0.012813
4.58633	77.8449	80.9255	938.756	1099.08	0.028532	5.94281	53.1532	-0.012813
4.58733	77.8449	80.7888	938.756	1100.03	0.040781	5.92531	53.3505	-0.01125
4.58833	77.8449	80.9255	939.213	1099.9	-0.004076	5.90219	53.2519	-0.01375
4.58933	78.0549	80.9255	938.756	1098.78	-0.004076	5.88469	53.2025	-0.012188
4.59033	77.7816	81.0822	938.871	1098.8	-0.016304	5.88889	53.5973	-0.012813
4.59133	78.0549	81.1989	938.756	1099.62	-0.004076	5.93156	53.2519	-0.010938
4.59233	77.9183	80.9255	938.842	1099.62	-0.004076	5.94489	53.3012	-0.015313
4.59333	77.7816	80.7888	938.871	1099.9	0.028532	5.93937	53.2519	-0.014063
4.59433	78.0549	80.2419	938.985	1099.62	-0.004076	5.94082	53.844	-0.013438
4.59533	77.5083	80.7888	938.528	1099.9	0.036885	5.93844	53.3505	-0.013125
4.59633	77.5083	80.7888	938.414	1099.49	-0.004076	5.93937	53.4492	-0.013125
4.59733	77.9183	80.9255	939.213	1099.9	-0.004076	5.93594	53.3505	-0.013438
4.59833	77.9183	80.7888	938.528	1099.9	0.081141	5.93656	53.3505	-0.014375
4.59933	77.9183	81.3356	938.528	1099.62	-0.024456	5.93313	53.3999	-0.012813
4.60033	78.0549	81.0622	939.213	1100.99	-0.004076	5.93082	53.5479	-0.012188
4.60133	77.9183	80.9255	938.299	1099.21	-0.012228	5.93156	53.7453	-0.010938
4.60233	77.7816	80.7888	938.528	1100.17	-0.004076	5.92989	53.4492	-0.013125
4.60333	78.6016	80.9255	938.185	1099.62	-0.028532	5.93084	53.3999	-0.014063
4.60433	78.0549	81.3356	937.957	1099.78	-0.004076	5.93469	53.8488	-0.014688
4.60533	77.5083	81.0822	939.213	1099.62	-0.004076	5.93489	53.844	-0.012813

4.60633	77.7816	81.0622	938.528	1099.9	-0.004076	5.93344	53.6468	-0.013125
4.60733	78.0549	80.9255	938.756	1100.44	-0.004076	5.93937	53.7948	-0.014888
4.60833	77.7816	80.7888	938.213	1100.44	-0.004076	5.93594	53.6468	-0.013125
4.60933	77.5083	80.9255	938.213	1099.62	-0.004076	5.93812	53.5973	-0.014063
4.61033	77.3716	80.7888	938.528	1099.9	-0.004076	5.93844	53.5479	-0.012813
4.61133	77.7816	81.0622	938.528	1099.62	-0.008152	5.94125	53.844	-0.011875
4.61233	77.5083	80.7888	938.414	1100.03	-0.004076	5.93719	53.6468	-0.014375
4.61333	78.0549	81.3356	938.985	1100.17	-0.004076	5.92156	53.6468	-0.010938
4.61433	77.7816	81.0622	938.528	1099.62	-0.004076	5.89989	53.1532	-0.015625
4.61533	77.7816	80.7888	938.871	1099.9	-0.004076	6.87844	53.844	-0.013438
4.61633	78.0549	81.8091	938.185	1100.44	-0.004076	5.88989	53.844	-0.015
4.61733	77.9183	80.7888	938.071	1100.17	-0.004076	5.93989	53.6468	-0.015625
4.61833	77.7816	81.0622	938.985	1100.03	-0.004076	5.94344	53.7453	-0.012188
4.61933	77.9183	81.0622	938.985	1100.85	0.02038	5.93906	53.5973	-0.014063
4.62033	78.3283	81.0622	938.842	1099.62	0.040761	5.94281	53.8933	-0.011563
4.62133	77.9183	80.2419	938.299	1100.58	-0.004076	5.93887	53.9427	-0.013125
4.62233	77.5083	81.0622	938.299	1100.44	-0.004076	5.93719	53.9427	-0.012188
4.62333	78.6016	80.2419	938.213	1101.26	-0.004076	5.93906	53.7453	-0.013125
4.62433	78.0549	81.0622	938.756	1100.03	-0.004076	5.93856	53.7946	-0.012813
4.62533	77.7816	81.1989	938.414	1098.8	-0.040761	5.92906	53.4492	-0.014375
4.62633	77.7816	80.9255	938.299	1100.58	-0.02038	5.93406	53.844	-0.012813
4.62733	77.9183	80.9255	938.213	1100.17	-0.004076	5.93344	54.0414	-0.014063
4.62833	77.7816	80.9255	938.299	1100.31	-0.016304	5.93281	53.9427	-0.01375
4.62933	77.7816	81.0622	938.756	1100.03	-0.004076	5.94094	54.0414	-0.012188
4.63033	77.7816	80.9255	938.414	1100.58	-0.004076	5.93844	54.0414	-0.013438
4.63133	78.1916	81.0622	938.299	1100.17	-0.004076	5.93856	54.0414	-0.012813
4.63233	77.8449	80.9255	938.756	1100.58	-0.004076	5.93856	53.992	-0.013125
4.63333	77.9183	80.9255	938.299	1100.17	-0.012228	5.93594	54.0907	-0.014063
4.63433	77.5083	81.0622	938.756	1099.9	-0.004076	5.93719	54.0414	-0.014063
4.63533	78.0549	81.1989	938.442	1099.9	-0.004076	5.93906	54.1894	-0.012813
4.63633	77.3716	81.1989	937.843	1098.53	-0.052989	5.93937	53.6468	-0.016683
4.63733	77.3716	81.9358	938.414	1099.08	-0.004076	5.94094	53.9427	-0.014688
4.63833	78.0549	81.8091	938.414	1100.58	-0.004076	5.94281	54.4855	-0.012188
4.63933	78.0549	81.0622	938.756	1100.72	-0.004076	5.92438	54.1894	-0.012813
4.64033	77.3716	80.8521	938.756	1101.26	0.024456	5.90312	54.2387	-0.012813
4.64133	78.6016	80.9255	938.842	1100.44	-0.004076	5.87937	54.2387	-0.013125
4.64233	77.7816	81.0622	938.099	1099.35	0.062989	5.88989	54.2387	-0.012813
4.64333	77.235	81.0622	938.756	1100.99	-0.004076	5.95906	54.2387	-0.012813
4.64433	77.7816	80.7888	938.071	1100.58	0.012228	5.94062	54.1894	-0.012813
4.64533	77.8449	81.1989	938.871	1100.17	-0.004076	5.94719	54.1894	-0.013438
4.64633	77.9183	81.0622	938.528	1100.31	-0.012228	5.94344	54.2387	-0.014063
4.64733	77.8449	81.0622	938.842	1099.35	-0.048913	5.9425	53.9427	-0.014375
4.64833	77.9183	80.9255	938.071	1100.85	-0.004076	5.94406	54.2387	-0.013438
4.64933	77.9183	80.9255	938.299	1101.13	-0.008152	5.94062	54.6335	-0.014375
4.65033	78.0549	80.7888	938.842	1100.99	-0.004076	5.94219	54.1401	-0.013438
4.65133	77.9183	81.0622	938.213	1101.13	0.024456	5.94312	54.5348	-0.012813
4.65233	77.7816	81.0622	938.528	1100.85	-0.004076	5.93989	54.4381	-0.012813
4.65333	78.0549	80.9255	938.299	1100.99	-0.004076	5.93781	54.5842	-0.014688
4.65433	78.0549	81.8091	938.185	1101.87	0.02038	5.93989	54.4855	-0.013438

4.85534	77.7818	81.0622	939.099	1101.26	-0.004076	5.93844	54.3868	-0.013438
4.85634	77.7818	80.9255	938.528	1100.72	-0.004076	5.80531	54.4381	-0.011563
4.85734	77.9183	80.7888	938.756	1101.28	-0.008152	5.07344	54.5348	-0.012813
4.85834	77.9183	81.3366	938.299	1099.35	-0.048913	4.37187	53.982	-0.015313
4.85934	77.9183	81.0822	938.185	1100.44	-0.004076	3.79656	54.5842	-0.013438
4.86034	77.9183	81.0622	938.299	1100.44	-0.012228	3.28781	54.9789	-0.011563
4.86134	77.7818	80.7888	938.528	1101.28	-0.008152	2.84719	54.5348	-0.012813
4.86234	77.9183	81.4724	938.528	1101.28	0.02038	2.46719	54.8335	-0.014063
4.86334	77.7818	81.1989	938.185	1100.72	-0.004076	2.12969	54.8309	-0.0126
4.86434	77.9183	80.7888	938.642	1100.17	-0.004076	1.84125	54.8335	-0.011563
4.86534	77.3716	80.9255	938.756	1100.72	-0.012228	1.59084	54.4855	-0.012813
4.86634	78.3283	80.5153	938.528	1101.26	-0.004076	1.38989	54.8309	-0.011563
4.86734	78.0549	80.9255	938.642	1101.28	-0.004076	1.18219	54.8335	-0.012813
4.86834	78.0549	80.7888	938.642	1101.13	-0.012228	1.01844	55.0283	-0.013125
4.86934	77.9183	80.7888	939.442	1101.28	-0.016304	0.873125	54.5842	-0.010313
4.87034	77.235	81.0622	938.642	1101.28	-0.004076	0.750825	54.8309	-0.013438
4.87134	78.0549	81.0622	938.756	1101.28	0.028532	0.646875	55.5217	-0.011875
4.87234	77.9183	81.0622	938.871	1102.08	-0.004076	0.555937	54.9789	-0.012813
4.87334	77.7818	81.1989	938.985	1100.99	-0.004076	0.476683	55.0283	-0.012188
4.87434	77.7818	81.0622	938.756	1101.81	-0.004076	0.408125	55.0283	-0.010825
4.87534	77.7818	81.1989	938.756	1101.28	-0.004076	0.349083	54.8335	-0.011875
4.87634	77.9183	80.9255	938.528	1101.28	0.040761	0.299688	54.8335	-0.012813
4.87734	77.7818	81.1989	938.528	1101.81	0.02038	0.255937	55.0283	-0.013438
4.87834	77.0983	80.7888	938.756	1101.28	-0.004076	0.217812	54.9789	-0.012813
4.87934	77.5083	80.7888	938.299	1101.28	-0.012228	0.187187	55.1763	-0.011563
4.88034	77.235	81.0622	939.099	1100.89	-0.032608	0.159887	54.7322	-0.011875
4.88134	77.9183	81.0622	938.071	1101.28	-0.004076	0.135825	54.9296	-0.013438
4.88234	77.7818	81.1989	938.642	1101.28	-0.004076	0.118125	55.8178	-0.012813
4.88334	77.7818	81.3366	938.642	1101.87	-0.004076	0.10125	54.9789	-0.011875
4.88434	77.5083	80.7888	938.756	1101.28	-0.004076	0.089688	54.8309	-0.012188
4.88534	77.7818	80.9255	938.558	1101.94	-0.004076	0.074083	55.127	-0.013125
4.88634	77.7818	80.9255	938.871	1100.99	-0.004076	0.06375	55.0283	-0.010313
4.88734	77.7818	80.9255	938.299	1102.08	0.028532	0.052813	54.9789	-0.01125
4.88834	77.7818	80.7888	938.185	1101.81	-0.004076	0.044688	54.8309	-0.012813
4.88934	77.9183	80.9255	938.528	1102.9	-0.004076	0.03875	55.2258	-0.01125
4.89034	77.7818	80.7888	938.756	1101.28	-0.004076	0.032813	55.2258	-0.012813
4.89134	78.0549	80.7888	939.213	1102.08	-0.004076	0.029688	54.8309	-0.012813
4.89234	78.0549	80.5153	938.299	1101.28	-0.004076	0.025938	54.7815	-0.013438
4.89334	77.7818	81.1989	937.843	1102.08	-0.004076	0.023125	55.0283	-0.012188
4.89434	77.7818	81.0622	938.871	1101.81	-0.004076	0.019083	55.1763	-0.011563
4.89534	77.7818	81.3366	938.299	1101.81	-0.004076	0.016563	55.0283	-0.012188
4.89634	77.235	81.0622	938.871	1102.35	-0.004076	0.014083	55.2258	-0.010938
4.89734	77.5083	81.0622	938.528	1102.35	-0.004076	0.012188	55.3243	-0.012188
4.89834	78.0549	81.8091	938.756	1102.9	0.044837	0.009688	55.2258	-0.012188
4.89934	78.0549	80.3788	938.299	1102.35	-0.004076	0.00875	55.0283	-0.014063
4.90034	77.7818	81.0622	938.299	1102.63	-0.004076	0.005625	55.0283	-0.012813
4.90134	78.4649	80.7888	938.528	1102.08	-0.004076	0.007188	55.423	-0.011563
4.90234	78.0549	81.7458	938.756	1102.35	-0.008152	0.004888	55.2258	-0.008438
4.90334	77.7818	81.0622	938.185	1102.08	-0.016304	0.003125	55.1763	-0.012813

4.70434	77.7816	80.7888	938.289	1102.35	-0.004076	0.003125	55.423	-0.01376
4.70534	78.4649	80.7888	938.528	1102.76	-0.004076	0.004688	54.8309	-0.012813
4.70634	77.7816	80.7888	939.099	1102.63	-0.004076	0.006313	55.3737	-0.013438
4.70734	77.7816	81.3356	938.414	1102.35	-0.004076	0.002188	55.0283	-0.012813
4.70834	77.7816	81.3356	938.642	1102.22	0.02038	0.002188	55.127	-0.011563
4.70934	77.7816	81.0622	938.642	1103.17	-0.004076	0.0025	55.127	-0.011876
4.71034	78.3283	80.7888	938.756	1102.76	-0.004076	-0.000313	55.127	-0.010938
4.71134	77.7816	81.0622	939.327	1103.46	-0.004076	-0.000313	55.3243	-0.012188
4.71234	77.7816	80.7888	939.213	1102.08	-0.004076	-0.000313	55.2256	-0.013438
4.71334	77.7816	81.7458	939.784	1102.63	-0.004076	-0.000313	55.2256	-0.009888
4.71434	77.9183	81.0622	938.289	1102.08	-0.004076	-0.000625	55.1763	-0.014376
4.71534	78.4649	80.7888	938.185	1102.22	-0.004076	-0.00125	55.423	-0.013438
4.71634	77.7816	80.6521	938.528	1102.63	-0.004076	-0.000313	55.127	-0.012188
4.71734	78.3283	81.3356	938.289	1102.35	-0.004076	-0.000313	55.2256	-0.012188
4.71834	78.0549	80.7888	938.985	1102.9	-0.012228	-0.000313	55.127	-0.013438
4.71934	78.0549	81.1989	938.528	1102.63	0.028532	-0.001563	54.9296	-0.012188
4.72034	78.0549	80.9255	939.213	1102.9	-0.018304	-0.002813	54.9296	-0.012188
4.72134	78.0549	80.2419	938.642	1102.9	-0.004076	-0.001563	55.127	-0.011563
4.72234	77.9183	80.7888	938.185	1103.31	-0.004076	-0.0025	55.2256	-0.009688
4.72334	77.9183	80.9255	938.756	1102.35	-0.012228	-0.00125	55.2256	-0.011563
4.72434	77.9183	80.6521	938.756	1102.63	-0.012228	-0.001875	55.0283	-0.009063
4.72534	77.7816	81.0622	938.756	1102.9	-0.004076	-0.003438	55.0283	-0.013126
4.72634	78.0549	81.4724	937.728	1102.35	-0.004076	-0.002813	55.127	-0.010913
4.72734	78.0549	81.0622	938.642	1102.76	-0.004076	-0.002813	55.0283	-0.012188
4.72834	77.9183	81.0622	938.642	1103.17	-0.004076	-0.000313	55.0283	-0.013125
4.72934	77.7816	81.1989	938.985	1103.17	-0.004076	-0.002188	55.0283	-0.013125
4.73034	77.5083	81.0622	938.071	1102.49	-0.004076	-0.003125	55.0776	-0.013438
4.73134	78.0549	80.5153	938.289	1103.45	0.02038	-0.002813	55.2256	-0.013438
4.73234	78.0549	80.5153	938.528	1103.45	-0.004076	-0.003125	54.8309	-0.012813
4.73334	78.3283	81.0622	938.756	1104.4	-0.004076	-0.00125	54.9789	-0.013438
4.73434	77.9183	81.0622	939.099	1102.63	-0.004076	-0.002188	54.9296	-0.010825
4.73534	77.7816	81.1989	939.67	1102.9	-0.004076	-0.002813	54.8309	-0.009063
4.73634	78.0549	80.9255	937.614	1102.63	-0.004076	-0.004063	54.8309	-0.011563
4.73734	77.9183	81.3356	938.642	1102.63	-0.004076	-0.004688	55.0283	-0.014063
4.73834	77.9183	80.9255	938.289	1102.08	-0.004076	-0.003125	55.0283	-0.012813
4.73934	77.7816	80.7888	938.756	1103.04	0.02038	-0.002813	54.7322	-0.013126
4.74034	77.7816	80.7888	939.099	1101.81	-0.004076	-0.001875	54.9296	-0.011875
4.74134	78.0549	81.0622	938.756	1102.35	-0.004076	-0.004688	54.7815	-0.011563
4.74234	78.0549	81.0622	938.528	1102.08	0.028532	-0.003438	54.8309	-0.011563
4.74334	78.0549	81.0622	938.185	1103.31	-0.004076	-0.003125	54.7816	-0.010313
4.74434	78.0549	81.4724	938.528	1103.66	-0.004076	-0.004063	54.5842	-0.013125
4.74534	77.5083	81.0622	938.414	1102.35	-0.008152	-0.005	54.8309	-0.01125
4.74634	78.0549	81.8091	938.756	1102.9	-0.004076	-0.002813	54.7322	-0.009688
4.74734	77.7816	81.0622	938.756	1102.63	-0.004076	-0.002188	54.4855	-0.013438
4.74834	78.0549	80.9255	938.289	1102.35	-0.004076	-0.004688	54.7322	-0.012813
4.74934	77.5083	81.0622	939.099	1103.17	0.028532	-0.00375	54.5348	-0.013438
4.75034	77.9183	81.3356	938.642	1102.76	-0.004076	-0.001875	54.4361	-0.011563
4.75134	77.9183	80.7888	938.289	1102.9	0.028532	-0.004063	54.4361	-0.010313
4.75234	77.7816	81.3356	938.985	1102.9	-0.004076	-0.004688	54.6348	-0.011563

4.75334	77.9183	81.1989	938.528	1102.63	0.040761	-0.002813	54.8309	-0.012188
4.75434	77.7816	81.0622	938.758	1102.9	-0.004076	-0.00375	54.5842	-0.011875
4.75534	77.5083	80.7888	938.414	1103.04	-0.004076	-0.004688	54.4855	-0.012188
4.75634	78.0649	80.7888	938.528	1102.35	-0.004076	-0.004688	54.5348	-0.012813
4.75734	78.0549	80.9255	939.556	1102.9	-0.008152	-0.004083	54.2881	-0.008438
4.75834	77.7816	81.3356	938.185	1102.76	-0.004076	-0.005313	54.6335	-0.012813
4.75934	77.3716	81.0622	938.642	1102.63	-0.004076	-0.004083	54.6335	-0.011875
4.76034	77.6449	81.0622	938.766	1103.31	-0.004076	-0.003125	54.5348	-0.012188
4.76134	77.235	80.7888	938.299	1102.76	-0.004076	-0.003438	54.4361	-0.011875
4.76234	78.3283	80.2419	938.528	1102.9	-0.004076	-0.00625	54.3374	-0.013438
4.76334	77.9183	81.0622	938.299	1103.31	-0.004076	-0.005313	54.3374	-0.011563
4.76434	78.3283	80.7888	938.871	1102.35	0.024456	-0.005825	54.4361	-0.013438
4.76534	78.3283	80.7888	938.528	1102.63	-0.004076	-0.005313	54.1401	-0.013438
4.76634	77.7816	80.7888	938.414	1104.27	-0.004076	-0.005313	54.2881	-0.012813
4.76734	77.7816	81.1989	938.985	1102.63	-0.004076	-0.004688	54.1401	-0.0125
4.76834	78.0549	81.1989	938.299	1102.63	-0.004076	-0.005313	54.0414	-0.011563
4.76934	78.0549	80.2419	938.642	1102.76	-0.004076	-0.004083	53.992	-0.013125
4.77034	77.9183	80.9255	938.299	1103.04	-0.02038	-0.004375	54.1401	-0.011563
4.77134	78.3283	80.5153	938.528	1103.17	0.028532	-0.005313	54.1894	-0.011563
4.77234	77.7816	81.3356	938.756	1102.63	-0.004076	-0.002813	53.992	-0.013438
4.77334	78.3283	80.1052	938.985	1103.45	-0.004076	-0.003438	53.844	-0.0125
4.77434	77.9183	80.9255	938.299	1102.9	-0.024456	-0.005825	54.0414	-0.010313
4.77534	77.9183	81.1989	938.299	1103.31	0.052989	-0.003438	53.8933	-0.010938
4.77634	78.4649	81.0622	938.528	1102.9	-0.02038	-0.005938	53.9427	-0.010938
4.77734	77.7816	80.9255	938.528	1103.88	-0.004076	-0.004083	53.6466	-0.013125
4.77834	78.0549	80.7888	939.099	1102.35	-0.004076	-0.005313	53.6466	-0.011875
4.77934	77.7816	81.0622	939.442	1102.9	-0.004076	-0.005313	53.844	-0.008438
4.78034	77.6449	81.0622	938.528	1102.63	-0.004076	-0.002813	53.7453	-0.013438
4.78134	77.9183	81.0622	938.642	1102.08	-0.012228	-0.004688	53.4986	-0.012813
4.78234	78.3283	80.5153	938.528	1102.35	-0.004076	-0.004083	53.9427	-0.013438
4.78334	77.9183	80.7888	938.299	1102.08	-0.004076	-0.004083	53.6466	-0.013125
4.78434	77.7816	81.0622	938.871	1103.17	-0.004076	-0.002813	53.992	-0.012188
4.78534	77.9183	81.1989	938.756	1102.76	-0.004076	-0.005313	53.5973	-0.012813
4.78634	78.6016	81.0622	938.756	1102.63	0.044837	-0.00625	53.6466	-0.012813
4.78734	77.7816	81.0622	938.185	1103.45	-0.004076	-0.005313	53.5973	-0.012188
4.78834	78.6016	80.7888	938.528	1103.31	-0.004076	-0.005313	53.696	-0.013125
4.78934	78.3283	80.5153	938.756	1102.76	-0.004076	-0.005825	53.6466	-0.011563
4.79034	77.7816	80.7888	938.299	1102.35	-0.004076	-0.005313	53.5479	-0.010313
4.79134	77.5083	81.0622	939.099	1102.76	0.02038	-0.005313	53.4492	-0.011563
4.79234	78.0549	80.7888	938.642	1102.63	-0.004076	-0.005313	53.7946	-0.012813
4.79334	78.3283	80.5153	938.071	1102.35	-0.004076	-0.005313	53.5973	-0.011875
4.79434	78.0549	81.0622	938.299	1102.35	-0.004076	-0.006583	53.2519	-0.012813
4.79534	77.7816	81.3356	937.843	1102.63	-0.004076	-0.005938	53.5973	-0.012813
4.79634	77.5083	81.1989	938.528	1102.63	-0.004076	-0.005825	53.1532	-0.011563
4.79734	78.0549	80.9255	938.985	1103.45	0.052989	-0.005313	53.2519	-0.012813
4.79834	78.0549	80.9255	938.642	1103.17	-0.004076	-0.005313	53.1038	-0.011875
4.79934	77.9183	80.9255	938.985	1103.17	-0.004076	-0.005	53.2519	-0.0125
4.80034	78.0549	80.7888	938.756	1102.35	-0.004076	-0.005313	53.0546	-0.0125
4.80134	77.9183	80.7888	939.213	1102.9	-0.004076	-0.005313	53.2519	-0.009063

4.80235	78.0549	80.2419	937.843	1102.22	-0.008152	-0.005938	62.7584	-0.013125
4.80335	77.5083	81.0622	938.071	1102.36	-0.004078	-0.00625	63.0545	-0.012813
4.80435	78.3283	81.6091	938.299	1102.9	-0.004078	-0.005938	63.4482	-0.012188
4.80535	78.0549	81.1989	937.843	1102.35	-0.02038	-0.005625	53.1038	-0.013125
4.80635	77.235	80.7888	938.528	1103.17	-0.004078	-0.002813	53.0545	-0.013125
4.80735	78.0549	81.0622	938.756	1102.8	-0.004078	-0.005313	52.9558	-0.010625
4.80835	77.9183	81.0622	938.071	1102.9	0.02038	-0.005313	53.0545	-0.01125
4.80935	77.7816	81.0622	938.528	1102.9	-0.02038	-0.004688	52.8571	-0.011563
4.81035	78.0549	80.9255	938.299	1103.86	-0.016304	-0.005625	53.0051	-0.012188
4.81135	77.7816	80.7888	938.528	1102.9	-0.004078	-0.003438	52.7584	-0.011875
4.81235	78.4649	80.7888	938.756	1102.35	-0.004078	-0.003438	52.4623	-0.012188
4.81335	78.0549	80.9255	938.985	1101.26	-0.008152	-0.006563	52.6597	-0.013125
4.81435	77.7816	81.1989	938.299	1102.35	-0.004078	-0.004688	52.8571	-0.012188
4.81535	78.0649	81.0622	937.843	1102.63	0.02038	-0.004063	52.8597	-0.012813
4.81635	78.0549	81.1989	938.756	1102.63	-0.004078	-0.007188	52.8597	-0.012813
4.81735	78.0549	81.1989	938.871	1102.9	-0.004078	-0.002813	53.0051	-0.012813
4.81835	78.0549	81.0622	938.642	1102.63	-0.004078	-0.005938	52.4623	-0.012813
4.81935	77.6449	80.7888	938.414	1102.49	0.02038	-0.005938	52.4623	-0.011875
4.82035	77.9183	81.3358	938.528	1102.08	-0.02038	-0.005313	52.3143	-0.012813
4.82135	78.0549	80.7888	938.756	1103.45	-0.004078	-0.005313	52.8571	-0.0126
4.82235	77.7816	81.6091	938.299	1102.63	-0.004078	-0.003438	52.581	-0.011875
4.82335	77.6449	81.3358	938.213	1103.17	-0.004078	-0.005313	52.3143	-0.009888
4.82435	78.0549	80.5153	938.185	1102.35	-0.004078	-0.005313	52.265	-0.012813
4.82535	78.6016	80.7888	938.299	1102.63	-0.004078	-0.004688	52.3638	-0.011563
4.82635	77.7816	80.7888	938.528	1101.13	-0.004078	-0.006563	52.6597	-0.012188
4.82735	77.9183	80.7888	938.642	1102.35	-0.004078	-0.005313	52.3143	-0.013125
4.82835	78.0549	80.7888	938.985	1102.9	-0.004078	-0.00375	52.6597	-0.012813
4.82935	77.7816	80.9255	938.414	1102.78	-0.004078	-0.005625	52.3638	-0.013125
4.83035	77.7816	81.3358	938.414	1102.35	0.036885	-0.005625	52.0678	-0.011875
4.83135	78.0549	80.9255	938.871	1102.78	-0.004078	-0.005313	52.0678	-0.013438
4.83235	78.6016	80.5153	938.299	1102.35	-0.004078	-0.005938	52.0678	-0.012813
4.83335	77.5083	81.0622	938.756	1102.9	-0.004078	-0.004375	52.0182	-0.012813
4.83435	78.3283	80.5153	938.099	1102.35	-0.004078	-0.006563	52.2156	-0.011563
4.83535	78.0549	80.7888	938.756	1102.08	-0.008152	-0.007188	52.0182	-0.012813
4.83635	78.0549	81.3358	937.814	1102.22	-0.004078	-0.005313	52.265	-0.011563
4.83735	77.7816	80.9255	938.528	1101.81	-0.004078	-0.005938	52.265	-0.010313
4.83835	77.7816	80.9255	938.299	1102.35	-0.004078	-0.005938	52.0678	-0.013438
4.83935	78.0549	81.6091	938.071	1102.35	-0.004078	-0.00375	52.0678	-0.011563
4.84035	78.0549	81.1989	938.414	1101.81	-0.012228	-0.007188	51.9689	-0.010313
4.84135	78.0549	81.0622	938.642	1101.94	0.032809	-0.00625	52.0678	-0.010625
4.84235	77.7816	81.3358	938.756	1102.63	-0.004078	-0.005625	51.9196	-0.011563
4.84335	78.4649	80.9255	938.985	1102.9	-0.004078	-0.005938	51.9196	-0.010625
4.84435	77.235	80.7888	938.756	1103.17	-0.004078	-0.006563	51.6728	-0.013438
4.84535	77.7816	80.7888	938.299	1101.81	-0.004078	-0.007813	51.6728	-0.012188
4.84635	78.1916	81.0622	938.185	1101.26	-0.077445	-0.009688	51.2781	-0.014063
4.84735	78.0549	81.0622	938.299	1103.17	-0.004078	-0.005938	51.8702	-0.015313
4.84835	77.6449	81.0622	938.071	1102.35	-0.004078	-0.006563	52.2156	-0.011563
4.84935	77.3716	80.9255	938.528	1102.35	-0.004078	-0.005313	51.8702	-0.010938
4.85035	77.235	80.7888	938.756	1102.78	-0.004078	-0.003438	51.6728	-0.011563

4.85135	78.0549	81.3358	938.299	1102.9	-0.004076	-0.007813	51.6728	-0.010625
4.85235	77.9183	81.0622	938.185	1102.63	0.052889	-0.004888	51.8702	-0.013438
4.85335	77.9183	81.1989	938.071	1102.9	-0.024456	-0.005938	51.5741	-0.01125
4.85435	78.0549	81.0622	937.843	1102.35	-0.004076	-0.008663	51.6728	-0.012813
4.85535	77.9183	80.7888	938.071	1102.76	-0.004076	-0.005313	51.6728	-0.010625
4.85635	77.7816	81.0622	937.957	1101.81	-0.012228	-0.005313	51.4261	-0.012813
4.85735	77.5083	81.0622	937.843	1101.26	-0.036885	-0.006875	51.13	-0.014063
4.85835	78.0549	81.0622	938.299	1101.26	-0.004076	-0.005825	51.5741	-0.013438
4.85935	77.9183	80.7888	938.099	1102.63	-0.004076	-0.003438	51.6728	-0.010313
4.86035	77.9183	81.0622	937.386	1102.08	-0.004076	-0.005938	51.2781	-0.011875
4.86135	78.0549	80.7888	938.299	1102.22	-0.004076	-0.003438	51.6728	-0.01125
4.86235	77.9183	80.7888	938.756	1102.08	-0.004076	-0.007188	51.5741	-0.012813
4.86335	77.7816	81.3358	938.756	1102.9	0.02038	-0.004063	51.5741	-0.013438
4.86435	77.9183	80.9255	938.299	1102.35	-0.004076	-0.005313	51.2781	-0.013438
4.86535	77.7816	81.8091	937.957	1102.9	-0.004076	-0.007813	51.2781	-0.012188
4.86635	78.0549	81.3358	937.843	1101.54	-0.004076	-0.00625	51.0807	-0.011875
4.86735	77.7816	80.9255	938.985	1101.94	-0.004076	-0.007813	51.2781	-0.012813
4.86835	77.9183	81.0622	937.728	1100.85	-0.044837	-0.009375	50.982	-0.012813
4.86935	77.7816	81.3358	937.728	1101.26	-0.008152	-0.007813	51.4754	-0.01375
4.87035	77.5083	81.0622	938.756	1101.81	-0.004076	-0.005938	51.6728	-0.013438
4.87135	77.9183	81.0622	938.528	1102.35	0.028532	-0.005313	51.2287	-0.012188
4.87235	78.0549	80.7888	938.528	1101.87	-0.004076	-0.003438	51.1794	-0.012813
4.87335	77.7816	81.0622	938.642	1102.22	-0.004076	-0.007813	51.2287	-0.011583
4.87435	77.7816	81.8091	938.528	1102.76	0.024456	-0.005313	51.1794	-0.010313
4.87535	78.0549	80.6521	938.414	1102.08	-0.004076	-0.0075	51.3274	-0.012813
4.87635	77.5083	81.0622	938.528	1101.81	-0.008152	-0.006875	51.0807	-0.012188
4.87735	78.0549	80.7888	938.756	1103.31	-0.004076	-0.005938	50.982	-0.011583
4.87835	78.0549	81.0622	938.185	1101.81	-0.004076	-0.007188	51.13	-0.011583
4.87935	78.8016	80.9255	938.071	1100.99	-0.052889	-0.010825	50.8859	-0.016663
4.88035	77.9183	80.9255	938.299	1101.94	-0.024456	-0.005938	51.13	-0.012813
4.88135	78.0549	80.7888	938.185	1101.26	-0.004076	-0.00625	51.3768	-0.012813
4.88235	77.9183	81.3358	938.871	1101.87	-0.004076	-0.005313	50.982	-0.012188
4.88335	78.8016	80.6521	938.756	1102.22	-0.004076	-0.002188	51.2287	-0.012188
4.88435	78.0549	80.6521	938.299	1102.35	0.016304	-0.004375	51.2781	-0.011583
4.88535	78.0549	80.9255	938.642	1101.81	-0.004076	-0.005825	51.1794	-0.011875
4.88635	77.7816	81.0622	938.528	1102.22	-0.012228	-0.008663	50.8833	-0.010938
4.88735	77.3716	80.6521	938.528	1102.9	-0.016304	-0.008663	51.13	-0.012188
4.88835	78.0549	80.7888	938.528	1101.26	-0.004076	-0.005313	50.7846	-0.012188
4.88935	78.0549	80.2419	938.299	1101.81	-0.012228	-0.005825	51.1794	-0.014063
4.89035	78.0549	80.9255	938.099	1101.26	-0.008152	-0.005938	50.8833	-0.008438
4.89135	77.9183	81.0622	937.957	1101.94	-0.004076	-0.006563	50.6366	-0.014063
4.89235	78.0549	81.1989	938.299	1100.99	-0.004076	-0.005938	51.4261	-0.010838
4.89335	77.9183	81.3358	938.185	1101.81	-0.004076	-0.005938	50.8833	-0.011583
4.89435	78.0549	81.3358	938.299	1102.9	-0.004076	-0.003125	50.834	-0.012813
4.89535	78.3283	80.7888	938.756	1102.08	-0.004076	-0.006563	50.7353	-0.01375
4.89635	78.8016	80.7888	938.528	1102.9	-0.004076	-0.004375	51.0313	-0.01375
4.89735	77.7816	81.0622	938.528	1101.13	-0.004076	-0.006563	50.834	-0.012813
4.89835	78.0549	80.7888	938.299	1101.94	-0.004076	-0.006875	50.6366	-0.013125
4.89935	77.7816	80.9255	938.756	1103.04	-0.004076	-0.005825	50.7846	-0.010625

4.90035	78.0549	80.9255	938.642	1101.81	-0.004076	-0.007813	50.8869	-0.014375
4.90135	78.1916	80.9255	937.957	1100.99	-0.016304	-0.008438	50.4888	-0.013125
4.90235	78.0549	81.3356	937.614	1101.28	-0.016304	-0.005938	50.7353	-0.012813
4.90335	78.0549	80.7888	938.642	1102.76	-0.012228	-0.005825	51.0807	-0.013125
4.90435	78.0549	80.3786	938.071	1102.08	-0.004076	-0.008563	50.6386	-0.013125
4.90535	77.7816	80.7888	938.758	1102.08	-0.004076	-0.004375	50.6859	-0.014063
4.90635	78.0549	81.0622	938.528	1101.81	-0.008152	-0.006563	50.2418	-0.011583
4.90735	78.3283	80.3786	938.299	1102.35	0.02038	-0.006825	50.6379	-0.010938
4.90835	78.4649	80.9255	938.528	1102.35	-0.016304	-0.006825	50.6859	-0.010313
4.90935	77.9183	81.4724	938.071	1101.81	-0.012228	-0.006825	50.4888	-0.010938
4.91035	78.3283	80.7888	938.071	1102.35	-0.012228	-0.005313	50.7353	-0.011875
4.91135	78.3283	81.6091	938.185	1102.22	-0.004076	-0.005825	50.7353	-0.01125
4.91235	78.0549	81.4724	938.442	1101.81	-0.004076	-0.005938	50.4382	-0.010938
4.91335	78.6016	80.9255	938.071	1102.08	-0.012228	-0.006825	50.3899	-0.012188
4.91435	77.9183	80.9255	938.071	1100.99	-0.004076	-0.006563	50.7848	-0.012188
4.91535	77.9183	81.3356	938.071	1101.67	-0.008152	-0.0075	50.2912	-0.012188
4.91635	78.1916	80.6521	938.985	1102.63	0.02038	-0.002188	50.4888	-0.012813
4.91735	77.9183	80.7888	938.642	1102.63	0.02038	-0.005825	50.4382	-0.012188
4.91835	78.0549	81.1989	938.871	1102.22	-0.004076	-0.006825	50.0938	-0.012813
4.91935	77.6449	81.1989	937.843	1102.22	-0.004076	-0.005938	50.3405	-0.012813
4.92035	78.0549	80.7888	938.185	1101.28	-0.004076	-0.008563	50.0938	-0.012188
4.92135	77.5083	81.1989	938.758	1103.45	-0.004076	-0.005313	50.1925	-0.010938
4.92235	78.4649	80.7888	938.299	1101.28	-0.004076	-0.005825	50.1925	-0.013125
4.92335	78.0549	80.7888	938.985	1101.13	-0.012228	-0.005938	50.0938	-0.009375
4.92435	78.0549	80.6153	937.614	1100.99	-0.004076	-0.005938	50.0444	-0.0125
4.92535	77.6449	80.7888	938.299	1101.26	-0.004076	-0.005313	50.7646	-0.0125
4.92635	78.3283	81.4724	938.528	1102.08	-0.004076	-0.006563	50.0938	-0.014063
4.92735	77.7816	81.1989	937.957	1101.81	-0.004076	-0.003438	49.9458	-0.012188
4.92835	78.0549	81.3356	938.414	1102.35	-0.004076	-0.005825	50.1925	-0.012813
4.92935	77.9183	81.6091	938.299	1101.26	-0.012228	-0.006313	49.9458	-0.012188
4.93035	77.9183	81.3356	937.843	1102.08	-0.004076	-0.006875	50.2418	-0.011583
4.93135	77.9183	81.1989	937.843	1101.94	-0.004076	-0.007813	50.0938	-0.013438
4.93235	77.7816	81.1989	938.185	1102.35	-0.004076	-0.005313	49.8984	-0.012188
4.93335	78.1916	81.0622	938.299	1101.81	0.028532	-0.006875	50.0444	-0.011583
4.93435	77.9183	81.0622	939.213	1102.22	-0.012228	-0.006563	50.0444	-0.008438
4.93535	78.0549	80.9255	938.628	1100.99	-0.004076	-0.006825	49.8984	-0.014888
4.93635	78.0549	80.7888	938.528	1102.08	-0.004076	-0.006563	49.9951	-0.012188
4.93735	77.7816	81.3356	937.843	1101.26	-0.004076	-0.005825	49.8471	-0.011875
4.93835	77.9183	81.1989	938.758	1102.08	-0.004076	-0.00375	49.7977	-0.014688
4.93935	77.7816	81.0622	938.528	1102.35	-0.004076	-0.005313	49.9458	-0.012188
4.94035	77.5083	80.7888	938.642	1102.35	-0.004076	-0.005938	49.8984	-0.013125
4.94135	78.6016	80.7888	938.299	1102.22	0.028532	-0.005313	49.899	-0.012813
4.94235	78.0549	80.9255	938.758	1102.35	-0.004076	-0.004375	49.8003	-0.010313
4.94335	78.0549	80.9255	938.528	1102.9	-0.004076	-0.005313	49.8003	-0.011583
4.94435	77.5083	80.7888	938.185	1100.99	-0.004076	-0.005938	49.8003	-0.012813
4.94535	78.6016	80.6521	938.213	1101.26	-0.004076	-0.005313	49.551	-0.012813
4.94635	78.0549	80.5153	937.843	1101.26	-0.004076	-0.006875	49.6017	-0.014063
4.94735	78.0549	81.0622	938.299	1101.13	-0.004076	-0.006313	49.8984	-0.012188
4.94835	77.9183	80.9255	938.299	1101.81	-0.012228	-0.005313	49.899	-0.012813

4.94938	77.235	80.7888	938.758	1102.08	-0.018304	-0.005313	49.5017	-0.013438
4.95038	77.7816	80.7888	938.185	1102.08	-0.004076	-0.004888	49.5017	-0.011563
4.95138	77.9183	81.0822	938.985	1102.35	0.036685	-0.005313	49.699	-0.010938
4.95238	77.7816	81.0822	938.299	1100.85	-0.004076	-0.007188	49.5017	-0.011563
4.95338	77.9183	81.1889	938.756	1102.08	-0.004076	-0.005938	49.5017	-0.012813
4.95438	78.0549	81.0822	938.528	1103.17	-0.004076	-0.006563	49.5017	-0.011875
4.95538	78.0549	80.9255	938.414	1101.26	-0.004076	-0.005625	49.3043	-0.010625
4.95638	78.0549	81.0822	939.099	1101.26	-0.004076	-0.005938	49.1562	-0.009375
4.95738	78.1916	80.7888	938.758	1101.26	-0.004076	-0.006563	49.0576	-0.013438
4.95838	78.0549	81.0822	938.842	1101.26	-0.004076	-0.006	49.3043	-0.012188
4.95938	78.0549	80.5153	938.299	1101.81	-0.004076	-0.006313	48.9095	-0.012188
4.96038	77.9183	81.0822	938.185	1101.81	-0.004076	-0.005313	49.3043	-0.013125
4.96138	77.7816	81.0822	938.185	1101.26	-0.004076	-0.005625	49.1562	-0.012188
4.96238	78.0549	81.1889	938.299	1101.54	0.028532	-0.005938	49.2056	-0.011875
4.96338	78.0549	81.0822	938.299	1101.26	0.036685	-0.005625	49.3043	-0.012813
4.96438	77.7816	80.9255	938.071	1100.72	-0.004076	-0.006438	49.1089	-0.011683
4.96538	77.7816	81.1889	937.728	1102.08	-0.008152	-0.006876	49.1089	-0.013125
4.96638	77.3716	80.7888	938.299	1101.13	-0.004076	-0.006563	49.1089	-0.012813
4.96738	78.7383	81.0822	939.213	1101.26	-0.004076	-0.005313	49.0576	-0.010938
4.96838	78.4849	80.6621	937.386	1100.99	-0.008152	-0.007188	49.1562	-0.011875
4.96938	78.0549	80.5153	937.386	1100.72	-0.012228	-0.006563	49.3043	-0.012813
4.97038	77.7816	80.9255	937.843	1101.81	-0.004076	-0.005938	49.0576	-0.01125
4.97138	77.9183	80.9255	937.5	1100.72	-0.004076	-0.007188	49.0576	-0.012813
4.97238	77.7816	81.1889	938.071	1100.99	-0.004076	-0.004888	48.9095	-0.011875
4.97338	78.0549	80.2419	938.756	1101.81	0.02038	-0.005313	49.0576	-0.011875
4.97438	77.9183	80.2419	937.843	1101.26	-0.004076	-0.005313	48.9095	-0.012188
4.97538	77.7816	80.9255	938.185	1100.99	-0.004076	-0.005313	48.7121	-0.011875
4.97638	77.9183	81.1889	938.185	1103.31	-0.004076	-0.006876	48.9095	-0.012813
4.97738	78.0549	80.7888	938.299	1101.26	-0.004076	-0.007188	49.0082	-0.011563
4.97838	78.0549	81.3358	938.299	1101.13	-0.004076	-0.00625	48.9095	-0.010313
4.97938	78.0549	80.5153	937.614	1100.99	-0.004076	-0.006876	48.7121	-0.012188
4.98038	77.5083	81.0822	938.299	1101.26	-0.004076	-0.006876	49.3043	-0.009688
4.98138	78.0549	80.9255	938.185	1100.72	-0.004076	-0.006938	48.7121	-0.010625
4.98238	78.3283	80.7888	938.299	1101.26	0.02038	-0.006876	48.7616	-0.012188
4.98338	78.0549	80.7888	937.843	1101.81	-0.004076	-0.004688	48.5148	-0.012188
4.98438	77.9183	81.0822	938.185	1101.26	-0.004076	-0.005938	48.6135	-0.01125
4.98538	78.0549	81.0822	937.843	1101.26	0.044837	-0.005938	48.4654	-0.01125
4.98638	78.0549	80.7888	937.728	1100.99	-0.02038	-0.00625	48.7121	-0.012188
4.98738	78.0549	81.0822	938.071	1103.31	-0.018304	-0.00625	48.8108	-0.012188
4.98838	77.9183	80.9255	938.299	1100.99	0.02038	-0.005938	48.5148	-0.012188
4.98938	77.9183	81.0822	937.957	1101.26	-0.004076	-0.005938	48.5148	-0.010313
4.99038	78.0549	80.7888	937.843	1100.68	-0.004076	-0.006563	48.6628	-0.012188
4.99138	77.7816	81.4724	937.957	1100.99	-0.004076	-0.005938	49.3043	-0.010838
4.99238	78.0549	80.2419	938.071	1100.99	-0.004076	-0.007813	48.6135	-0.011875
4.99338	78.0549	81.3358	937.386	1100.85	-0.004076	-0.005938	48.5148	-0.0125
4.99438	77.8449	81.4724	937.843	1101.81	-0.004076	-0.005938	48.5148	-0.012813
4.99538	78.3283	81.0822	938.185	1100.72	0.02038	-0.006625	48.7121	-0.010938
4.99638	78.3283	80.7888	938.071	1101.13	0.028532	-0.006563	48.4654	-0.013438
4.99738	78.0549	81.1889	937.386	1101.13	-0.004076	-0.007813	48.6628	-0.010313

4.99836	78.0549	80.7888	938.528	1102.35	-0.004078	-0.00825	48.268	-0.014063
4.99936	77.9183	81.1989	937.814	1100.99	-0.008152	-0.00825	48.268	-0.012813
5.00036	78.0549	80.2419	937.843	1100.99	-0.004076	-0.008563	48.6628	-0.01125
5.00136	77.9183	81.9356	938.185	1100.99	-0.004076	-0.007188	48.3174	-0.012813
5.00236	78.0549	80.7888	937.957	1100.72	0.02038	-0.005825	48.5148	-0.012813
5.00336	78.0549	81.0622	937.386	1101.13	-0.004076	-0.006563	48.5148	-0.011583
5.00436	78.0549	80.9255	938.185	1100.99	-0.004076	-0.007813	48.3174	-0.012813
5.00536	78.0549	81.0622	938.071	1101.81	-0.004076	-0.004063	48.5148	-0.011875
5.00636	77.9183	81.0622	937.814	1101.26	-0.004076	-0.005938	48.4161	-0.011875
5.00736	78.875	80.7888	937.843	1101.26	0.032809	-0.005938	48.3174	-0.010938
5.00836	78.0549	81.0622	938.528	1100.85	-0.004076	-0.006563	48.5148	-0.0125
5.00936	78.0549	81.1989	938.185	1102.76	-0.004076	-0.005825	48.5148	-0.011875
5.01036	78.0549	81.3366	937.957	1100.99	-0.008152	-0.008563	47.972	-0.013438
5.01136	77.0983	80.7888	938.071	1101.26	-0.004076	-0.005938	48.5148	-0.010313
5.01236	78.3283	81.0622	938.071	1100.44	-0.004076	-0.008438	48.3174	-0.012813
5.01336	78.0549	81.0622	937.843	1100.85	-0.004076	-0.00825	48.4161	-0.012813
5.01436	77.3716	80.7888	938.071	1101.26	-0.004076	-0.005938	48.5148	-0.011875
5.01536	77.9183	81.4724	937.843	1101.13	-0.004076	-0.005825	48.12	-0.011875
5.01636	78.0549	80.6621	938.299	1100.85	-0.004076	-0.005313	48.3887	-0.01375
5.01736	78.0549	80.9255	937.386	1101.26	-0.004076	-0.007813	48.268	-0.011875
5.01836	78.0549	81.3366	937.843	1100.44	0.02038	-0.007188	48.3174	-0.014375
5.01936	78.0549	81.0622	938.185	1100.44	-0.012228	-0.007188	48.0213	-0.012188
5.02036	78.0549	80.2419	938.299	1102.22	-0.004076	-0.005313	48.3174	-0.011583
5.02136	78.0549	81.6091	937.728	1100.44	-0.004076	-0.007188	48.268	-0.012188
5.02236	78.0549	81.0622	937.843	1100.99	-0.004076	-0.008875	48.268	-0.014063
5.02336	78.0549	81.0622	938.185	1100.17	-0.012228	-0.00625	47.9226	-0.011875
5.02436	78.3283	80.9255	937.728	1100.17	-0.004076	-0.006875	47.972	-0.010938
5.02536	78.4649	80.2419	937.843	1100.44	-0.004076	-0.005825	48.2187	-0.013438
5.02636	78.0549	81.0622	937.272	1100.44	-0.004076	-0.005313	47.5279	-0.014063
5.02736	78.0549	81.3356	937.814	1100.44	-0.004076	-0.003126	47.7746	-0.012813
5.02836	78.0549	80.7888	937.386	1101.26	-0.004076	-0.005938	47.972	-0.012188
5.02936	77.7816	81.3356	937.843	1100.72	-0.004076	-0.0075	47.8239	-0.011583
5.03036	78.6016	81.0622	938.185	1100.72	-0.004076	-0.006563	47.6769	-0.010938
5.03136	78.0549	80.7888	938.756	1102.76	-0.004076	-0.005938	47.7746	-0.014375
5.03236	77.9183	81.0622	938.185	1099.62	-0.02038	-0.007813	47.8239	-0.012188
5.03336	78.0549	81.1989	937.843	1100.72	-0.004076	-0.004375	47.6769	-0.010938
5.03436	77.7816	81.0622	937.386	1099.9	-0.008152	-0.006563	47.7263	-0.012813
5.03536	78.0549	81.0622	937.814	1100.72	-0.004076	-0.005313	47.7253	-0.012188
5.03636	78.3283	80.6521	937.386	1100.72	-0.004076	-0.007813	48.12	-0.012813
5.03736	77.9183	81.3366	938.472	1100.17	-0.004076	-0.007188	47.8239	-0.011583
5.03836	78.0549	81.1989	937.157	1100.72	0.02038	-0.006313	47.9226	-0.011583
5.03936	78.6016	81.3356	937.728	1100.72	-0.004076	-0.007188	47.4282	-0.012813
5.04036	78.0549	81.0622	937.157	1100.17	0.052988	-0.005313	47.5772	-0.011583
5.04136	78.0549	81.0622	937.5	1100.99	-0.008152	-0.006563	47.8239	-0.0125
5.04236	78.3283	80.9255	937.843	1101.13	-0.004076	-0.004063	47.7253	-0.012188
5.04336	78.0549	80.9255	937.272	1100.03	-0.004076	-0.00825	47.6279	-0.012813
5.04436	78.1916	81.0622	937.957	1099.62	-0.004076	-0.005938	47.7746	-0.011875
5.04536	78.7383	81.1989	936.586	1099.49	-0.008152	-0.010313	47.4282	-0.015313
5.04636	78.0549	81.1989	937.814	1100.72	0.028632	-0.006938	47.6288	-0.012813

5.04736	77.9183	81.1989	937.843	1100.17	-0.004076	-0.00625	47.6266	-0.012188
5.04836	78.6016	80.6521	937.386	1100.17	-0.004076	-0.006563	47.4292	-0.012813
5.04936	78.0549	80.5153	937.386	1100.58	-0.004076	-0.004063	47.6266	-0.011875
5.05036	78.3283	80.9255	937.843	1100.31	-0.004076	-0.00875	47.4292	-0.0125
5.05136	77.7816	80.7888	937.957	1101.13	-0.004076	-0.006563	47.5279	-0.013438
5.05236	77.9183	81.1989	937.043	1100.03	-0.004076	-0.007188	47.3305	-0.014063
5.05336	78.0549	80.7888	937.386	1100.44	-0.012228	-0.00625	47.4292	-0.012188
5.05436	77.9183	81.1989	938.299	1100.17	0.02038	-0.007188	47.3305	-0.011663
5.05536	78.3283	80.7888	937.386	1100.31	-0.008152	-0.00625	47.3305	-0.012188
5.05636	78.0549	80.6521	937.614	1099.49	-0.004076	-0.007813	47.2811	-0.015313
5.05736	78.0549	80.9255	937.728	1100.17	-0.004076	-0.005938	47.4292	-0.012188
5.05836	78.0549	81.3356	937.957	1100.17	-0.004076	-0.006313	47.6266	-0.01125
5.05936	77.9183	81.0822	937.157	1099.78	-0.004076	-0.006313	47.2318	-0.012813
5.06036	78.0549	81.3356	937.386	1100.17	-0.004076	-0.00375	47.0838	-0.012188
5.06136	77.235	81.0822	937.386	1100.17	-0.004076	-0.006563	47.1331	-0.013125
5.06236	77.7816	81.1989	937.386	1100.44	0.057065	-0.00625	47.3305	-0.012188
5.06336	77.5083	81.0822	936.815	1099.35	-0.004076	-0.006875	47.0838	-0.012188
5.06436	78.0549	81.1989	937.386	1099.62	-0.004076	-0.006875	47.3305	-0.012813
5.06536	77.7816	81.0822	937.386	1100.17	-0.012228	-0.005313	47.2318	-0.011875
5.06636	77.7816	81.4724	937.157	1099.08	-0.004076	-0.005313	47.1825	-0.013125
5.06736	77.9183	81.0822	936.358	1097.57	-0.048813	-0.010825	46.837	-0.015838
5.06836	77.9183	81.0822	937.157	1099.08	-0.004076	-0.007188	47.0838	-0.014063
5.06936	78.0549	81.0822	937.843	1098.8	-0.004076	-0.005938	47.4292	-0.013125
5.07037	77.8449	81.3356	937.157	1099.08	-0.008152	-0.006563	47.2318	-0.01125
5.07137	78.0549	80.6521	937.272	1098.8	-0.004076	-0.003125	47.3305	-0.012813
5.07237	78.0549	80.9255	938.7	1098.94	-0.004076	-0.007188	47.1331	-0.011563
5.07337	78.0549	80.9255	937.157	1099.08	-0.024458	-0.007813	47.0838	-0.011563
5.07437	77.8449	80.9255	937.386	1099.35	-0.02038	-0.006875	47.0838	-0.01125
5.07537	78.0549	81.0822	937.157	1099.08	-0.008152	-0.007188	46.7877	-0.012188
5.07637	78.0549	81.0822	937.272	1098.94	-0.008152	-0.0076	47.0344	-0.0125
5.07737	77.9183	81.3356	936.472	1097.98	-0.004076	-0.007813	47.0344	-0.011875
5.07837	78.4649	81.0822	937.814	1097.98	-0.012228	-0.010313	46.4918	-0.014688
5.07937	78.6016	81.0822	937.043	1098.28	-0.016304	-0.005938	46.689	-0.0125
5.08037	77.9183	80.7888	936.7	1098.8	-0.004076	-0.00625	47.2318	-0.012188
5.08137	77.9183	81.1989	937.157	1098.53	-0.008152	-0.006563	46.4918	-0.011563
5.08237	78.0549	80.9255	937.157	1098.53	-0.004076	-0.005313	46.7384	-0.013125
5.08337	78.0549	80.7888	937.272	1098.8	-0.004076	-0.006563	46.837	-0.012188
5.08437	77.9183	80.9255	937.157	1098.8	0.048913	-0.005938	46.6397	-0.012813
5.08537	78.0549	81.0822	937.157	1098.12	-0.004076	-0.005313	46.4423	-0.012813
5.08637	77.9183	81.1989	937.157	1097.98	-0.004076	-0.005938	46.6397	-0.0125
5.08737	78.0549	81.1989	936.7	1098.12	-0.004076	-0.007813	46.6397	-0.012188
5.08837	77.9183	81.0822	937.157	1097.98	-0.016304	-0.007188	46.689	-0.012813
5.08937	77.9183	81.3356	936.558	1096.21	-0.062889	-0.010313	46.1462	-0.016563
5.09037	77.7816	81.0822	937.157	1097.98	-0.004076	-0.005938	46.837	-0.011563
5.09137	78.1916	81.0822	937.272	1097.98	0.028532	-0.005938	47.0838	-0.012188
5.09237	77.9183	81.7458	936.7	1098.12	0.02038	-0.005938	46.4423	-0.013125
5.09337	77.9183	81.0822	936.929	1097.44	-0.016304	-0.005313	46.7384	-0.010625
5.09437	78.3283	80.9255	937.386	1097.44	-0.004076	-0.004688	46.6397	-0.011563
5.09537	78.3283	80.1052	936.815	1096.89	-0.004076	-0.00625	46.4423	-0.011875

5.09637	78.0549	80.2419	936.815	1096.89	-0.004076	-0.007813	46.3436	-0.012188
5.09737	77.7816	81.0622	937.043	1096.89	-0.004076	-0.008125	46.4916	-0.012813
5.09837	78.6016	80.7888	936.929	1096.89	-0.004076	-0.006875	46.1462	-0.012813
5.09837	77.7816	81.3356	937.272	1096.48	-0.004076	-0.007813	46.1462	-0.012813
5.10037	77.9183	81.6091	937.157	1095.39	-0.036685	-0.007813	45.9982	-0.014688
5.10137	77.6449	80.9255	936.472	1095.88	-0.004076	-0.007188	46.5903	-0.013438
5.10237	77.9183	80.6521	937.386	1095.8	-0.004076	-0.006875	47.0344	-0.012813
5.10337	78.0549	80.2419	937.272	1095.53	-0.004076	-0.005625	46.1958	-0.0125
5.10437	77.6449	81.0622	936.929	1095.39	-0.004076	-0.002813	46.2449	-0.012188
5.10637	78.0549	81.0622	936.7	1095.25	-0.008152	-0.007813	46.2943	-0.013125
5.10637	77.6449	81.0622	936.929	1095.25	-0.004076	-0.006563	46.2449	-0.011563
5.10737	78.0549	80.7888	937.157	1095.25	-0.004076	-0.007813	46.2943	-0.012188
5.10837	77.7816	80.6521	936.929	1094.57	0.024456	-0.007188	46.1462	-0.011875
5.10837	78.0549	80.7888	937.272	1094.71	-0.02038	-0.006875	45.8995	-0.011563
5.11037	78.0549	80.9255	937.386	1094.16	-0.004076	-0.006563	46.3436	-0.011563
5.11137	77.9183	81.1989	936.7	1094.16	-0.004076	-0.008125	46.1462	-0.013438
5.11237	78.0549	81.0622	935.558	1094.02	-0.004076	-0.00625	45.8502	-0.012813
5.11337	78.7383	81.0622	936.929	1094.16	-0.004076	-0.00625	46.589	-0.011563
5.11437	77.9183	81.0622	937.157	1093.61	-0.004076	-0.005313	46.0475	-0.011563
5.11537	77.9183	80.6521	937.157	1093.34	-0.004076	-0.006875	46.0969	-0.012813
5.11637	78.0549	81.0622	937.043	1093.07	-0.004076	-0.005313	46.2449	-0.012188
5.11737	77.7816	81.3356	937.157	1093.34	-0.004076	-0.005313	46.0475	-0.012813
5.11837	78.6016	80.7888	936.7	1092.52	-0.004076	-0.006563	45.9488	-0.012188
5.11937	78.0549	81.3356	936.472	1091.56	-0.012228	-0.007813	45.9488	-0.01125
5.12037	77.7816	81.4724	936.7	1093.34	-0.004076	-0.006563	46.2943	-0.011563
5.12137	78.0549	80.5153	937.157	1091.97	-0.004076	-0.006563	46.0475	-0.011563
5.12237	78.6016	80.9255	937.386	1090.88	-0.028532	-0.0075	45.9488	-0.012188
5.12337	78.0549	80.9255	936.358	1090.61	-0.004076	-0.006563	46.2449	-0.012188
5.12437	77.7816	80.9255	936.7	1091.02	-0.004076	-0.006875	46.4916	-0.014063
5.12537	77.7816	81.3356	937.157	1090.34	-0.004076	-0.005313	45.8502	-0.011563
5.12637	77.6449	81.0622	936.929	1090.06	0.024456	-0.005313	46.2943	-0.012188
5.12737	78.0549	80.9255	937.043	1090.34	-0.004076	-0.006875	46.1462	-0.010938
5.12837	78.0549	80.7888	936.815	1089.65	-0.004076	-0.006563	45.9488	-0.011563
5.12937	77.7816	80.9255	937.272	1088.97	0.02038	-0.006563	46.2449	-0.012188
5.13037	77.6083	80.7888	936.7	1088.7	-0.02038	-0.005313	45.9982	-0.01125
5.13137	78.0549	81.0622	935.558	1089.85	-0.004076	-0.005313	45.7515	-0.013438
5.13237	77.7816	81.0622	936.929	1088.15	-0.012228	-0.005313	45.7515	-0.012813
5.13337	77.6449	81.1989	937.157	1088.15	-0.004076	-0.00625	45.7515	-0.010313
5.13437	78.3283	80.9255	935.558	1087.74	-0.004076	-0.005938	45.8995	-0.013125
5.13537	77.7816	81.0622	936.815	1087.6	-0.004076	-0.006563	46.2943	-0.01125
5.13637	78.4649	81.0622	936.929	1087.33	0.032809	-0.005313	45.8995	-0.012813
5.13737	77.9183	81.0622	936.7	1087.33	-0.004076	-0.005938	45.8502	-0.011875
5.13837	77.9183	81.3356	936.244	1087.33	-0.004076	-0.004063	45.8995	-0.011563
5.13837	77.7816	81.1989	935.558	1087.06	-0.004076	-0.006875	45.8528	-0.012813
5.14037	78.3283	80.6521	936.7	1085.98	-0.004076	-0.006563	45.7515	-0.010938
5.14137	78.3283	81.3356	935.558	1085.89	-0.004076	-0.006563	45.7021	-0.013438
5.14237	78.0549	81.0622	936.929	1086.24	0.02038	-0.004688	45.7515	-0.010313
5.14337	77.7816	81.0622	936.244	1084.46	-0.004076	-0.006563	45.8008	-0.01125
5.14437	78.3283	81.0622	936.815	1085.15	0.028532	-0.005313	45.9488	-0.008375

5.14537	77.9183	81.3358	935.558	1084.6	-0.004076	-0.007188	45.8502	-0.014083
5.14637	78.0549	81.0622	936.472	1084.6	-0.004076	-0.005625	46.0475	-0.012188
5.14737	77.9183	81.0622	936.472	1084.33	-0.004076	-0.00826	45.7615	-0.012813
5.14837	77.9183	81.0622	936.7	1082.96	-0.004076	-0.003125	45.7615	-0.012813
5.14937	78.0549	80.7888	936.7	1082.96	-0.004076	-0.0075	45.3567	-0.012813
5.15037	77.8449	81.3358	935.558	1082.55	0.02038	-0.007813	45.7515	-0.011875
5.15137	78.0549	80.5153	936.472	1082.55	-0.004076	-0.00625	45.7515	-0.012188
5.15237	77.235	80.7888	936.244	1082.96	-0.004076	-0.006563	45.4554	-0.011583
5.15337	78.0549	80.7888	936.558	1082.96	-0.004076	-0.005313	45.6528	-0.013125
5.15437	78.0549	80.2419	936.558	1081.32	-0.004076	-0.006875	45.7021	-0.011875
5.15537	78.0549	81.0622	937.388	1081.59	0.028532	-0.008125	45.5641	-0.010313
5.15637	77.235	80.7888	935.558	1080.5	-0.004076	-0.006875	45.258	-0.012813
5.15737	78.4649	80.9255	936.7	1080.77	-0.004076	-0.006563	45.6034	-0.012188
5.15837	77.9183	80.6521	936.816	1080.5	-0.012228	-0.00625	45.3567	-0.011875
5.15937	77.8449	80.9255	936.558	1080.5	-0.004076	-0.00625	45.3567	-0.012188
5.16037	77.9183	81.1989	936.244	1080.38	-0.004076	-0.003438	45.5047	-0.011583
5.16137	78.0549	81.3358	936.472	1079.41	-0.004076	-0.005938	45.9488	-0.012188
5.16237	78.3283	80.2419	936.472	1079.41	-0.004076	-0.007188	45.6528	-0.010938
5.16337	77.7816	81.3358	936.558	1079.27	-0.008162	-0.007188	45.5641	-0.012813
5.16437	78.0549	80.5153	936.358	1079.82	-0.004076	-0.007813	45.6528	-0.011583
5.16537	77.9183	81.1989	935.558	1077.77	-0.004076	-0.006563	45.3567	-0.013438
5.16637	77.9183	80.5153	936.7	1078.32	-0.004076	-0.00625	45.8502	-0.010313
5.16737	78.6018	80.9255	935.558	1078.68	-0.004076	-0.007813	45.5541	-0.012813
5.16837	77.9183	80.7888	935.558	1075.99	-0.004076	-0.006563	45.9488	-0.011583
5.16937	78.0549	81.0622	935.558	1077.09	-0.004076	-0.006563	45.6034	-0.012188
5.17037	77.9183	80.9255	936.358	1076.54	0.02038	-0.00625	45.7021	-0.01125
5.17137	78.0549	80.7888	936.472	1076.81	-0.004076	-0.005313	45.5541	-0.01375
5.17237	77.3716	81.0622	935.558	1076.13	-0.004076	-0.007813	45.3567	-0.0125
5.17337	77.7816	81.3358	935.558	1076.13	0.02038	-0.00625	45.3567	-0.012813
5.17437	78.0549	81.0622	936.558	1074.49	-0.012228	-0.008438	45.3567	-0.011583
5.17537	78.0549	81.0622	936.7	1076.04	-0.004076	-0.005825	45.5541	-0.010938
5.17637	77.9183	81.0622	936.472	1074.49	-0.004076	-0.00625	45.3567	-0.012813
5.17737	77.9183	81.6091	936.472	1073.95	-0.004076	-0.005938	45.5541	-0.007813
5.17837	77.8449	81.0622	935.444	1073.81	-0.004076	-0.007188	45.5541	-0.013125
5.17937	78.0549	81.0622	935.558	1073.4	0.028532	-0.006563	45.6528	-0.01375
5.18037	77.235	80.7888	935.558	1073.95	-0.004076	-0.005313	45.3567	-0.012813
5.18137	77.3716	81.0622	935.558	1073.28	0.028532	-0.006563	45.3567	-0.0125
5.18237	77.6449	81.9358	935.444	1072.31	-0.004076	-0.006563	45.6034	-0.013438
5.18337	78.0549	80.2419	936.244	1072.72	0.02038	-0.0075	45.3567	-0.014083
5.18437	77.7816	81.0622	935.558	1071.76	0.024458	-0.007188	45.3567	-0.012813
5.18537	77.7816	81.3358	936.558	1072.31	-0.012228	-0.006563	45.3074	-0.010625
5.18637	77.9183	81.0622	935.558	1073.13	-0.004076	-0.006875	45.6528	-0.012188
5.18737	78.0549	80.9255	935.558	1069.57	-0.016304	-0.007813	45.5541	-0.013125
5.18837	77.7816	80.9255	936.244	1070.67	-0.004076	-0.006563	45.6528	-0.010313
5.18937	77.7816	81.1989	935.558	1070.39	-0.004076	-0.007813	45.8995	-0.011583
5.19037	77.9183	81.0622	936.558	1070.94	-0.012228	-0.005313	46.1958	-0.011875
5.19137	77.7816	81.3358	935.444	1069.98	-0.004076	-0.007188	45.5541	-0.01125
5.19237	77.7816	81.0622	935.558	1070.67	-0.004076	-0.004888	45.5541	-0.01125
5.19337	77.9183	81.1989	935.558	1070.28	-0.004076	-0.005625	45.8502	-0.011583

5.19437	77.9183	80.7888	935.558	1089.3	-0.004076	-0.00825	45.8008	-0.011563
5.19537	78.0549	80.7888	935.558	1089.44	0.061141	-0.008875	45.8528	-0.012813
5.19637	78.0549	81.0822	935.558	1089.17	-0.008152	-0.008875	45.7515	-0.012813
5.19737	78.0549	81.0822	935.558	1089.85	-0.004076	-0.008875	45.8995	-0.012188
5.19837	78.0549	80.5153	935.558	1088.21	-0.004076	-0.005825	45.7515	-0.011875
5.19937	77.9183	81.0822	936.929	1088.21	0.024468	-0.005938	45.8995	-0.010313
5.20037	77.9183	81.3356	935.444	1087.39	-0.012228	-0.006563	45.7515	-0.013438
5.20137	77.9183	81.0822	935.558	1087.39	-0.004076	-0.007188	45.8995	-0.011563
5.20237	78.0549	81.0822	936.558	1086.3	-0.004076	-0.005938	46.0475	-0.014688
5.20337	78.0549	80.7888	935.558	1086.84	-0.004076	-0.005938	46.0475	-0.01125
5.20437	77.6449	81.3356	935.558	1086.3	-0.004076	-0.007813	45.9488	-0.011875
5.20537	77.7816	81.3356	935.558	1086.3	-0.004076	-0.006563	45.7515	-0.013125
5.20637	77.9183	81.1989	935.558	1086.02	0.040761	-0.009063	45.9982	-0.01126
5.20737	77.5083	81.3356	936.33	1085.34	-0.024468	-0.006563	45.8995	-0.011875
5.20837	77.9183	81.0822	935.558	1086.3	0.02038	-0.005938	45.8502	-0.011563
5.20937	77.5083	81.3356	935.558	1084.93	-0.004076	-0.007188	46.0475	-0.011563
5.21037	77.9183	80.5153	935.558	1084.68	-0.004076	-0.007188	45.9488	-0.010313
5.21137	78.0549	80.2419	935.558	1084.68	-0.004076	-0.006563	45.8502	-0.013438
5.21237	77.7816	81.1989	935.558	1084.62	0.024468	-0.007813	46.541	-0.012813
5.21337	78.0549	81.8826	935.558	1084.11	-0.004076	-0.008875	45.8995	-0.014063
5.21437	77.7816	81.0822	935.558	1084.11	-0.004076	-0.005313	45.9488	-0.011563
5.21537	77.9183	81.0822	935.33	1083.57	-0.004076	-0.007188	45.9488	-0.012813
5.21637	78.4649	81.0822	935.558	1083.02	0.028532	-0.008875	45.9488	-0.013125
5.21737	77.5083	81.7458	935.558	1083.29	0.044837	-0.00825	46.3436	-0.012188
5.21837	78.0549	80.9255	935.558	1083.02	-0.004076	-0.00825	46.0969	-0.013125
5.21937	77.9183	81.0822	935.33	1083.57	-0.004076	-0.00825	46.3436	-0.012813
5.22037	76.8617	80.9255	935.558	1081.66	-0.004076	-0.005938	46.3436	-0.011563
5.22137	77.5083	81.0822	935.558	1081.93	-0.004076	-0.007188	46.3436	-0.010313
5.22237	77.9183	81.3356	935.558	1081.93	-0.004076	-0.005313	46.2449	-0.012188
5.22337	77.3716	81.0822	935.216	1081.79	-0.004076	-0.007188	46.0475	-0.012813
5.22437	77.5083	81.0822	935.216	1081.24	-0.004076	-0.004688	46.541	-0.011875
5.22537	77.6449	81.1989	935.101	1081.93	-0.004076	-0.005938	46.4423	-0.011875
5.22637	78.0549	81.8091	935.558	1081.38	-0.004076	-0.005938	46.1462	-0.010625
5.22737	78.4649	80.5153	935.558	1081.24	-0.004076	-0.006563	46.3436	-0.012813
5.22837	77.9183	80.5153	935.558	1080.97	0.038885	-0.005313	46.3436	-0.011563
5.22937	77.9183	80.9255	935.558	1059.74	-0.008152	-0.0075	46.3436	-0.011563
5.23037	77.7816	81.3356	934.987	1060.15	-0.004076	-0.006563	46.2449	-0.012188
5.23137	78.0549	81.0822	934.873	1060.15	-0.004076	-0.008875	46.2449	-0.014063
5.23237	78.0549	80.9255	935.558	1058.92	-0.004076	-0.007813	46.2943	-0.013125
5.23337	77.6449	80.9255	935.444	1058.92	0.016304	-0.007188	46.2449	-0.012813
5.23437	78.0549	81.8091	934.645	1058.65	-0.004076	-0.0075	46.541	-0.011563
5.23537	77.9183	80.9255	935.101	1058.92	-0.004076	-0.007188	46.3436	-0.0125
5.23637	77.7816	80.9255	935.101	1058.65	-0.004076	-0.006563	46.2449	-0.012813
5.23737	77.7816	81.0822	935.33	1058.65	-0.004076	-0.004375	46.541	-0.014063
5.23837	77.9183	80.7888	935.558	1058.65	-0.004076	-0.007813	46.4423	-0.0125
5.23937	77.7816	80.7888	935.444	1057.16	0.038885	-0.008126	46.4916	-0.011563
5.24037	77.7816	80.6621	935.558	1057.58	-0.004076	-0.005938	46.4423	-0.010625
5.24137	78.0549	81.0822	935.558	1059.74	-0.004076	-0.006563	46.541	-0.010313
5.24237	77.7816	81.3356	934.873	1058.87	-0.008152	-0.007813	46.3436	-0.011563

5.24338	77.7816	81.0622	935.558	1057.01	-0.004076	-0.005938	46.641	-0.01125
5.24438	77.5083	81.0622	935.101	1056.46	-0.008152	-0.007813	46.4916	-0.012813
5.24538	77.7816	81.3356	935.33	1057.42	-0.004076	-0.005825	46.2449	-0.013125
5.24638	77.9183	80.9255	935.101	1056.74	-0.02038	-0.006038	47.1331	-0.0126
5.24738	77.5083	81.6091	935.558	1057.01	-0.004076	-0.005313	46.3436	-0.014375
5.24838	77.7816	80.7888	935.33	1056.19	-0.004076	-0.005313	46.689	-0.011563
5.24938	77.7816	81.0622	934.873	1056.74	-0.004076	-0.006563	46.4423	-0.013125
5.25038	78.3283	80.9255	935.33	1056.46	0.040761	-0.007813	46.5903	-0.012813
5.25138	77.7816	81.1989	934.987	1056.19	-0.004076	-0.005313	46.541	-0.011563
5.25238	77.7816	81.3356	934.845	1056.33	-0.004076	-0.005313	46.4423	-0.012813
5.25338	77.7816	80.7888	935.558	1056.46	-0.004076	-0.0075	46.8864	-0.011875
5.25438	78.6016	80.9255	935.444	1055.37	-0.004076	-0.008438	46.7384	-0.011875
5.25538	77.7816	81.0622	935.101	1055.1	-0.004076	-0.007188	46.541	-0.013438
5.25638	77.6449	80.7888	935.558	1054.96	-0.004076	-0.007813	46.6397	-0.014375
5.25738	77.7816	80.9255	935.33	1055.78	-0.004076	-0.005938	46.837	-0.010313
5.25838	77.9183	80.7888	935.33	1055.23	-0.004076	-0.005938	46.2449	-0.013438
5.25938	77.6449	81.1989	934.845	1055.1	-0.004076	-0.0025	46.541	-0.011563
5.26038	77.7816	80.7888	935.558	1054.96	-0.004076	-0.00825	46.5903	-0.011563
5.26138	77.7816	81.1989	934.845	1055.1	-0.004076	-0.006563	46.837	-0.0126
5.26238	77.9183	80.2419	934.873	1054.28	-0.026532	-0.006875	46.689	-0.010313
5.26338	77.7816	81.0622	934.845	1054.96	-0.004076	-0.006563	46.541	-0.012188
5.26438	77.7816	81.0622	935.101	1055.37	-0.004076	-0.006875	46.889	-0.012813
5.26538	77.3716	80.7888	935.558	1055.23	-0.004076	-0.006563	46.541	-0.01125
5.26638	78.0549	80.7888	935.216	1054	-0.036885	-0.007813	46.4423	-0.013438
5.26738	78.0549	80.7888	934.845	1054.14	-0.004076	-0.008063	46.541	-0.012188
5.26838	77.7816	81.0622	935.33	1055.78	-0.004076	-0.005313	47.0836	-0.01125
5.26938	77.7816	81.3356	934.302	1054.69	-0.004076	-0.007188	46.541	-0.011875
5.27038	77.7816	80.7888	935.558	1054.96	-0.004076	-0.002813	46.6397	-0.011563
5.27138	78.0549	81.4724	935.444	1054.69	0.02038	-0.005313	46.5903	-0.012188
5.27238	78.0549	81.3356	935.101	1054.28	0.028532	-0.005313	46.689	-0.0125
5.27338	77.7816	80.7888	934.873	1054.82	-0.004076	-0.005625	46.7384	-0.011875
5.27438	78.3283	81.0622	934.845	1053.73	-0.004076	-0.007188	46.5903	-0.012813
5.27538	77.7816	81.1989	934.845	1055.23	-0.004076	-0.007188	46.837	-0.010625
5.27638	77.5083	80.7888	934.845	1054.14	-0.004076	-0.006038	46.837	-0.011875
5.27738	78.0549	81.0622	934.416	1052.91	-0.02038	-0.006125	46.3436	-0.015313
5.27838	77.9183	80.7888	934.845	1054.14	-0.004076	-0.006625	46.8864	-0.013438
5.27938	77.7816	80.9255	934.987	1053.73	-0.004076	-0.006938	46.837	-0.012813
5.28038	77.6449	81.3356	934.873	1053.69	-0.02038	-0.006563	46.7877	-0.012813
5.28138	77.5083	80.9255	935.33	1054	-0.004076	-0.002813	46.7384	-0.011875
5.28238	77.7816	81.0622	935.444	1053.73	-0.004076	-0.007188	46.9357	-0.012813
5.28338	77.5083	80.7888	934.987	1053.19	0.028532	-0.007813	46.7384	-0.012188
5.28438	77.9183	80.9255	934.845	1053.46	-0.024456	-0.007813	46.9357	-0.01125
5.28538	77.6449	81.0622	935.101	1053.32	0.02038	-0.007188	46.9357	-0.012813
5.28638	77.236	80.9255	934.987	1052.91	-0.028532	-0.007813	46.837	-0.011875
5.28738	77.7816	80.7888	934.987	1052.64	-0.012228	-0.007813	46.9357	-0.013125
5.28838	78.4649	80.7888	934.53	1051.68	-0.048913	-0.010313	46.1462	-0.014888
5.28938	77.7816	81.0622	934.073	1052.37	-0.004076	-0.006875	46.541	-0.013438
5.29038	77.7816	81.0622	935.216	1052.37	-0.004076	-0.006563	47.1825	-0.010938
5.29138	78.3283	80.9255	934.873	1053.19	-0.004076	-0.004688	46.7384	-0.011563

5.28238	78.0548	80.5153	935.33	1054	-0.004078	-0.0026	46.889	-0.010938
5.28338	77.9183	81.3356	935.558	1053.19	-0.004078	-0.00826	46.7384	-0.012813
5.28438	77.7816	81.7458	934.873	1052.64	0.028532	-0.00825	46.889	-0.010938
5.28538	77.9183	80.3788	934.987	1052.64	-0.004078	-0.006583	46.8397	-0.012813
5.28638	77.9183	80.9255	935.101	1052.91	0.028532	-0.007188	46.7877	-0.0125
5.28738	78.0548	81.0622	935.33	1053.87	0.02038	-0.007813	46.7384	-0.012813
5.28838	77.9183	80.9255	934.845	1053.19	0.024456	-0.007813	46.7877	-0.010313
5.28938	77.5083	80.6521	934.53	1051.82	-0.028532	-0.009375	46.3436	-0.016313
5.30038	78.0548	80.2419	934.845	1052.37	-0.004078	-0.005313	46.837	-0.012813
5.30138	77.7816	80.7888	935.218	1051.98	-0.004078	-0.006875	47.3305	-0.012813
5.30238	77.7816	81.1989	935.218	1052.64	-0.004078	-0.005313	46.9357	-0.012188
5.30338	77.8449	80.7888	934.845	1052.64	-0.004078	-0.0025	46.9357	-0.012813
5.30438	78.1816	81.1989	934.416	1052.09	-0.004078	-0.008438	46.9357	-0.011563
5.30538	78.0548	80.6521	934.987	1052.91	0.040761	-0.006938	46.8884	-0.012813
5.30638	78.3283	81.0622	934.845	1052.09	-0.012228	-0.007813	46.541	-0.013125
5.30738	77.9183	81.0622	935.444	1053.19	0.024456	-0.00625	47.0344	-0.013438
5.30838	77.8449	81.0622	935.101	1052.09	-0.004078	-0.006583	47.1331	-0.01125
5.30938	78.3283	80.7888	934.845	1052.37	-0.004078	-0.00825	46.7877	-0.011563
5.31038	77.7816	80.7888	934.416	1050.69	-0.044837	-0.010313	46.3929	-0.014375
5.31138	77.5083	80.9255	934.188	1051.55	-0.008162	-0.006938	46.9357	-0.01375
5.31238	78.0548	80.9255	934.873	1052.78	-0.004078	-0.005313	47.1331	-0.011875
5.31338	77.5083	81.0622	934.302	1052.64	-0.004078	-0.00625	46.8884	-0.011875
5.31438	77.9183	81.0622	934.845	1051.82	0.024456	-0.003125	46.837	-0.0125
5.31538	77.7816	81.8091	934.873	1052.09	-0.004078	-0.007188	46.7877	-0.012188
5.31638	78.0548	80.7888	934.845	1052.64	-0.004078	-0.006938	46.9357	-0.01125
5.31738	77.7816	81.1989	935.218	1052.09	-0.004078	-0.007188	46.9357	-0.01125
5.31838	77.5083	81.1989	934.845	1052.78	-0.004078	-0.005313	46.889	-0.011563
5.31938	78.0548	80.9255	934.873	1053.05	-0.004078	-0.006583	46.541	-0.011563
5.32038	77.9183	81.0622	934.987	1051.55	-0.004078	-0.005313	46.8884	-0.010313
5.32138	78.0548	80.7888	934.073	1050.73	-0.044837	-0.010313	46.3436	-0.015625
5.32238	77.7816	81.1989	933.731	1051.88	-0.012228	-0.008438	46.9357	-0.013438
5.32338	78.0548	80.7888	935.33	1051.88	-0.004078	-0.00825	47.3305	-0.014688
5.32438	77.7816	80.9255	934.873	1051.55	-0.008152	-0.006825	46.7384	-0.01125
5.32538	77.7816	81.0622	934.845	1051.55	-0.004078	-0.004083	46.837	-0.010938
5.32638	78.4849	80.7888	935.33	1051.82	-0.004078	-0.00375	46.7384	-0.012813
5.32738	78.0548	81.3356	934.302	1051.82	-0.004078	-0.005838	46.8397	-0.012813
5.32838	77.9183	81.0622	934.873	1052.09	-0.004078	-0.005313	46.7384	-0.012188
5.32938	77.9183	81.0622	934.873	1051.27	-0.004078	-0.00875	46.837	-0.013125
5.33038	77.8449	80.9255	934.845	1051.55	-0.004078	-0.006875	46.8397	-0.01375
5.33138	77.9183	80.7888	934.873	1050.86	-0.004078	-0.007188	46.8884	-0.011875
5.33238	77.9183	80.9255	935.33	1050.86	-0.004078	-0.008125	46.837	-0.009688
5.33338	77.9183	80.7888	934.188	1051	-0.004078	-0.008875	46.8397	-0.014375
5.33438	77.7816	80.7888	935.101	1052.09	0.028532	-0.00825	47.0344	-0.012813
5.33538	78.9617	80.9255	934.845	1051.98	-0.004078	-0.004375	46.8397	-0.012813
5.33638	77.7816	80.6521	935.33	1051.88	-0.004078	-0.003125	46.7384	-0.01375
5.33738	78.9617	80.7888	934.845	1051.55	-0.004078	-0.006875	46.8397	-0.011875
5.33838	77.6083	80.9255	934.987	1051	-0.004078	-0.007813	46.541	-0.014688
5.33938	77.6083	81.3356	934.873	1050.69	-0.004078	-0.007813	46.889	-0.010638
5.34038	77.9183	80.9255	934.416	1051	-0.004078	-0.007813	46.837	-0.011563

5.34138	77.6449	80.7888	934.873	1051.55	-0.004076	-0.007188	46.7384	-0.011875
5.34238	77.6449	80.9255	934.873	1051	-0.004076	-0.008125	46.8864	-0.011563
5.34338	77.9183	81.1989	935.101	1050.45	-0.024458	-0.009083	46.7384	-0.013125
5.34438	77.7816	81.3356	934.302	1050.73	-0.004076	-0.007188	46.9357	-0.012813
5.34538	77.7816	80.5153	935.101	1051.55	-0.004076	-0.006563	47.2811	-0.012813
5.34638	78.0549	80.9255	934.416	1050.73	-0.004076	-0.006563	46.541	-0.013125
5.34738	78.3283	80.7888	935.101	1051.41	0.02038	-0.005938	46.8864	-0.011563
5.34838	77.6449	81.3356	934.416	1051.41	-0.004076	-0.006313	46.7384	-0.011563
5.34938	78.0549	81.3356	934.188	1051	0.024458	-0.007188	46.837	-0.011563
5.35038	77.9183	80.9255	934.645	1052.09	-0.004076	-0.007188	46.8864	-0.011563
5.35138	77.9183	80.7888	934.873	1051	-0.004076	-0.00875	47.0838	-0.010938
5.35238	77.5083	80.9255	934.416	1051.86	-0.02038	-0.00625	46.837	-0.01125
5.35338	77.235	80.7888	934.645	1050.45	-0.008152	-0.005938	46.837	-0.01125
5.35438	78.0549	80.7888	935.558	1051.56	-0.004076	-0.006563	46.7384	-0.010625
5.35538	77.9183	81.0622	934.987	1050.73	-0.004076	-0.007188	46.7877	-0.014063
5.35638	78.0549	81.6091	934.53	1051.27	0.02038	-0.004688	46.9357	-0.010625
5.35738	78.0549	81.0622	934.53	1051.27	-0.004076	-0.004063	46.7384	-0.012813
5.35838	78.9817	80.7888	934.53	1051	-0.012228	-0.003438	46.9357	-0.01125
5.35938	77.9183	80.7888	935.33	1051.56	-0.004076	-0.006876	47.0838	-0.010625
5.36038	78.3283	80.7888	934.188	1051.27	-0.004076	-0.006563	46.541	-0.012188
5.36138	77.7816	81.0622	934.873	1051	-0.004076	-0.006563	46.6397	-0.012188
5.36238	77.7816	80.9255	934.416	1051	-0.028532	-0.007813	46.7877	-0.013438
5.36338	77.7816	81.3356	934.188	1051	-0.012228	-0.007813	46.7384	-0.012813
5.36438	77.9183	80.8521	934.873	1049.63	-0.004076	-0.00625	46.6397	-0.013438
5.36538	77.7816	80.7888	935.558	1050.73	-0.008152	-0.005938	46.4916	-0.010938
5.36638	78.9817	81.1989	933.958	1050.45	-0.004076	-0.007188	46.541	-0.01375
5.36738	77.9183	80.2419	934.302	1050.73	-0.004076	-0.007813	47.0838	-0.012813
5.36838	78.0549	80.7888	934.873	1050.59	-0.004076	-0.005938	46.5903	-0.012813
5.36938	77.7816	80.9255	934.073	1051.55	-0.004076	-0.005938	46.689	-0.012188
5.37038	77.9183	80.2419	934.302	1051.27	-0.004076	-0.007813	46.689	-0.012188
5.37138	77.9183	81.3356	934.53	1050.73	0.028532	-0.005938	46.7384	-0.011563
5.37238	77.5083	81.1989	934.302	1050.45	-0.004076	-0.005	46.6397	-0.011563
5.37338	77.9183	81.1989	934.302	1050.59	-0.012228	-0.0075	46.4423	-0.012188
5.37438	77.7816	80.7888	934.302	1051.56	-0.004076	-0.005313	46.5903	-0.010625
5.37538	77.5083	81.3356	933.731	1050.32	-0.008152	-0.005625	46.4423	-0.011563
5.37638	77.7816	81.1989	935.101	1050.73	-0.004076	-0.006825	46.7877	-0.008438
5.37738	77.7816	81.4724	933.959	1050.73	-0.004076	-0.006563	46.541	-0.0125
5.37838	77.7816	80.7888	934.645	1051	-0.004076	-0.006563	47.2318	-0.011563
5.37938	77.3716	81.0622	934.645	1051.27	-0.004076	-0.006563	46.6397	-0.012188
5.38038	77.7816	80.8521	934.53	1050.45	-0.004076	-0.006876	46.7877	-0.012188
5.38138	77.235	80.9255	934.645	1051	-0.012228	-0.005	46.6397	-0.011563
5.38238	77.5083	80.8521	934.873	1050.18	-0.004076	-0.005313	46.7384	-0.013125
5.38338	78.1916	80.9255	934.645	1050.45	0.02038	-0.007188	46.7384	-0.012813
5.38438	77.7816	80.7888	934.416	1050.45	-0.012228	-0.006563	46.4423	-0.012813
5.38538	78.0549	80.2419	934.645	1050.73	-0.004076	-0.008125	46.9357	-0.01375
5.38638	77.6449	81.0622	934.188	1050.45	-0.008152	-0.006563	46.6397	-0.013438
5.38738	77.6449	80.7888	935.33	1049.63	-0.004076	-0.006876	46.837	-0.010938
5.38838	77.3716	81.0622	934.188	1049.91	-0.018304	-0.007188	46.541	-0.014375
5.38938	77.5083	81.6091	934.645	1050.45	-0.004076	-0.006563	46.8864	-0.011875

5.39039	76.9617	81.0622	934.416	1050.45	-0.004076	-0.005938	46.689	-0.011563
5.39139	76.9617	80.9255	934.53	1050.18	0.02038	-0.005938	46.541	-0.012813
5.39239	77.7816	81.1989	934.645	1051	-0.004076	-0.007813	46.7384	-0.011563
5.39339	77.6449	80.9255	934.645	1050.18	-0.004076	-0.006583	46.4423	-0.010838
5.39439	77.7816	80.7888	934.188	1050.18	0.028532	-0.006938	46.6397	-0.012813
5.39539	77.7816	80.7888	934.188	1050.45	-0.004076	-0.00625	46.5903	-0.012188
5.39639	77.5083	81.3356	934.53	1051	-0.004076	-0.007188	46.5903	-0.012813
5.39739	77.3716	81.1989	934.416	1050.18	-0.012228	-0.006583	46.6397	-0.012188
5.39839	76.0549	80.7888	934.987	1050.32	-0.004076	-0.007813	46.541	-0.010313
5.39939	76.1916	80.3786	934.188	1050.18	-0.004076	-0.005938	46.7384	-0.012188
5.40039	77.7816	81.3356	935.444	1050.73	-0.004076	-0.005313	47.0344	-0.011563
5.40139	77.7816	80.7888	934.416	1048.81	-0.004076	-0.00625	46.5903	-0.012813
5.40239	77.6449	80.7888	934.53	1051	-0.004076	-0.004375	46.541	-0.0125
5.40339	77.235	80.9255	934.645	1051	-0.004076	-0.004083	46.3929	-0.013125
5.40439	77.6449	81.0622	934.188	1050.45	-0.004076	-0.006583	46.4423	-0.012813
5.40539	77.7816	81.0622	934.416	1051	0.040761	-0.007188	46.541	-0.011563
5.40639	77.7816	81.0622	934.53	1050.66	-0.008152	-0.005938	46.541	-0.012813
5.40739	76.0549	80.3786	934.302	1051.55	-0.004076	-0.005938	46.689	-0.012188
5.40839	77.7816	80.9255	934.416	1050.04	-0.004076	-0.005938	46.3436	-0.012188
5.40939	77.7816	81.3356	935.101	1050.73	-0.004076	-0.005938	46.6397	-0.010313
5.41039	77.7816	81.0622	933.731	1050.18	-0.004076	-0.00625	46.6397	-0.013125
5.41139	76.3283	80.9255	934.416	1050.18	-0.004076	-0.005938	46.7384	-0.012813
5.41239	77.6449	81.0622	934.53	1050.32	-0.004076	-0.006583	46.541	-0.013125
5.41339	77.6449	81.1989	934.645	1049.91	-0.004076	-0.006875	46.689	-0.012188
5.41439	77.5083	80.7888	934.53	1049.36	-0.004076	-0.006875	46.5903	-0.011875
5.41539	76.0549	80.9255	934.188	1049.77	-0.004076	-0.006438	46.6397	-0.012188
5.41639	77.5083	81.0691	933.959	1048.81	-0.004076	-0.006583	46.6397	-0.012188
5.41739	77.6449	80.5153	933.959	1050.45	-0.004076	-0.007188	46.7384	-0.012188
5.41839	77.7816	80.7888	935.216	1051	-0.004076	-0.005625	46.541	-0.011563
5.41939	77.5083	80.7888	934.53	1049.91	-0.004076	-0.00625	46.6397	-0.013438
5.42039	77.9183	80.2419	934.302	1049.63	-0.004076	-0.007188	46.2943	-0.014063
5.42139	77.6449	81.0622	934.645	1049.63	-0.004076	-0.006583	46.3436	-0.012813
5.42239	76.9617	81.0622	934.188	1049.63	-0.004076	-0.006875	46.9357	-0.012188
5.42339	77.235	81.3356	934.873	1049.77	-0.012228	-0.006583	46.3436	-0.012813
5.42439	77.7816	80.1052	934.302	1049.91	-0.004076	-0.007813	46.5903	-0.012188
5.42539	77.7816	80.7888	934.188	1049.91	-0.004076	-0.005938	46.541	-0.012188
5.42639	77.6449	80.7888	933.731	1050.45	-0.004076	-0.007813	46.4423	-0.011875
5.42739	77.9183	80.5153	933.959	1049.91	0.040761	-0.006583	46.689	-0.01125
5.42839	76.9617	80.9255	934.645	1049.91	-0.004076	-0.007188	46.541	-0.0125
5.42939	77.6449	80.7888	934.53	1050.45	-0.012228	-0.007813	46.7877	-0.011563
5.43039	77.5083	80.7888	934.416	1049.91	-0.008152	-0.007813	46.689	-0.012813
5.43139	77.7816	81.0622	934.416	1049.91	-0.004076	-0.005938	46.4916	-0.00875
5.43239	77.5083	81.0622	934.53	1049.91	-0.004076	-0.00625	46.4423	-0.012813
5.43339	77.9183	80.5153	934.302	1049.77	-0.004076	-0.005625	46.541	-0.012813
5.43439	77.5083	81.0691	934.188	1049.36	-0.004076	-0.004688	46.9851	-0.011875
5.43539	77.5083	81.0622	934.645	1048.81	-0.004076	-0.005313	46.541	-0.012188
5.43639	77.7816	81.0622	933.959	1049.36	-0.008152	-0.007813	46.3929	-0.014063
5.43739	77.5083	80.7888	934.416	1048.81	-0.004076	-0.007188	46.4423	-0.012813
5.43839	77.7816	81.0622	934.302	1048.81	-0.004076	-0.007188	46.2449	-0.013125

5.43939	77.7816	81.1989	934.53	1049.63	-0.004076	-0.006563	46.3436	-0.011875
5.44039	78.0549	80.9255	933.731	1049.63	-0.004076	-0.006563	46.2943	-0.012813
5.44139	77.7816	81.0622	934.645	1049.63	-0.004076	-0.005313	46.7384	-0.012188
5.44239	77.5083	80.7888	935.558	1049.91	-0.008152	-0.005938	46.3929	-0.008125
5.44339	77.5083	81.6091	934.188	1049.77	-0.004076	-0.006313	46.2943	-0.013438
5.44439	77.235	80.9255	934.188	1048.81	-0.004076	-0.005938	46.2449	-0.012813
5.44539	77.7816	80.5153	934.53	1048.81	0.024456	-0.005938	46.689	-0.012813
5.44639	77.5083	80.8255	934.302	1049.91	-0.004076	-0.006563	46.1462	-0.013438
5.44739	77.8449	80.9255	934.673	1049.36	-0.004076	-0.005313	46.4916	-0.0125
5.44839	77.7816	80.8621	934.645	1049.63	-0.004076	-0.005825	46.4423	-0.012188
5.44939	77.7816	81.0622	934.967	1048.81	0.040761	-0.005825	46.4423	-0.011563
5.45039	77.0983	80.7888	934.188	1048.81	-0.004076	-0.005	46.3436	-0.011875
5.45139	77.5083	80.7888	934.53	1050.73	-0.004076	-0.007188	46.3436	-0.014063
5.45239	78.0549	81.1989	934.188	1048.81	-0.004076	-0.006563	46.1462	-0.012813
5.45339	77.5083	80.7888	933.731	1048.27	-0.004076	-0.009063	46.2943	-0.010938
5.45439	77.8449	81.1989	934.416	1048.81	-0.012228	-0.007188	46.3436	-0.01125
5.45539	77.5083	81.1989	934.188	1048.68	-0.004076	-0.007188	46.3436	-0.01375
5.45639	77.3716	80.9255	934.188	1048.81	-0.004076	-0.005938	46.2943	-0.013438
5.45739	77.3716	80.7888	934.073	1048.81	-0.004076	-0.005825	46.3436	-0.012813
5.45839	77.5083	81.0622	934.188	1048.81	-0.004076	-0.004688	46.2943	-0.01125
5.45939	77.9183	80.3788	934.416	1049.36	-0.004076	-0.006875	46.3436	-0.011563
5.46039	77.9183	80.2419	934.188	1048.81	0.061141	-0.005938	46.1462	-0.013438
5.46139	78.9617	81.0622	934.416	1048.81	-0.012228	-0.007813	46.0475	-0.01375
5.46239	77.7816	80.2419	934.416	1049.91	-0.004076	-0.005313	46.3436	-0.013125
5.46339	77.5083	80.7888	934.188	1048.81	0.028532	-0.006875	46.3929	-0.012813
5.46439	77.3716	80.7888	935.33	1048.81	-0.012228	-0.006563	46.0969	-0.009375
5.46539	77.3716	80.7888	933.617	1048.27	-0.004076	-0.007188	46.2449	-0.013125
5.46639	77.5083	80.7888	934.188	1047.99	-0.004076	-0.007813	46.1462	-0.012813
5.46739	77.3716	80.7888	934.302	1048.81	0.028532	-0.006563	46.3436	-0.012813
5.46839	78.0549	81.0622	934.188	1048.27	-0.004076	-0.006563	45.9882	-0.014063
5.46939	77.5083	81.3356	933.731	1048.27	-0.004076	-0.003438	45.9882	-0.012813
5.47039	77.5083	81.0622	933.959	1047.99	-0.008152	-0.008438	46.1462	-0.012188
5.47139	77.7816	80.7888	934.416	1048.54	0.036685	-0.005825	45.9882	-0.012188
5.47239	77.5083	81.0622	934.416	1048.68	-0.008152	-0.006563	45.9488	-0.010938
5.47339	77.7816	80.9255	934.073	1049.63	-0.004076	-0.006875	46.3436	-0.010313
5.47439	77.5083	80.9255	934.645	1048.13	-0.004076	-0.005313	45.9488	-0.010313
5.47539	77.9183	80.7888	934.073	1048.4	-0.012228	-0.00625	46.0969	-0.009375
5.47639	77.5083	81.3356	934.188	1048.68	-0.004076	-0.006563	46.9488	-0.011563
5.47739	77.7816	80.2419	933.731	1048.13	-0.004076	-0.00625	46.0969	-0.012188
5.47839	77.5083	80.9255	934.073	1048.68	-0.004076	-0.005313	46.4423	-0.012188
5.47939	78.0549	80.5153	933.959	1048.4	-0.004076	-0.005825	45.9488	-0.012813
5.48039	77.7816	81.3356	933.731	1048.81	-0.004076	-0.004688	46.2449	-0.010625
5.48139	77.7816	80.9255	934.073	1048.27	-0.004076	-0.008125	46.0475	-0.013438
5.48239	77.3716	81.0622	934.188	1047.59	0.040761	-0.006563	45.9488	-0.011875
5.48339	77.5083	80.8621	934.416	1048.27	-0.004076	-0.005313	45.8995	-0.012813
5.48439	77.5083	80.9255	934.416	1048.81	-0.004076	-0.006563	46.2449	-0.011875
5.48539	77.5083	80.5153	934.188	1047.72	-0.004076	-0.007188	46.1462	-0.012813
5.4864	77.235	81.1989	935.101	1048.27	0.028532	-0.006563	45.9488	-0.009063
5.4874	77.9183	80.2419	933.388	1047.18	-0.032609	-0.009063	45.8008	-0.014375

5.4884	77.5083	80.9255	934.302	1047.86	-0.004076	-0.005313	45.9488	-0.014063
5.4894	77.3716	80.9255	934.873	1047.99	0.02038	-0.005938	46.641	-0.010313
5.4904	77.5083	80.6153	933.959	1047.72	0.02038	-0.008563	46.8502	-0.012813
5.4914	77.6449	80.2419	933.731	1047.72	-0.004076	-0.002188	46.1462	-0.011563
5.4924	77.6449	80.5153	933.731	1047.72	-0.008152	-0.007188	46.0475	-0.012188
5.4934	77.5083	80.7888	934.53	1047.45	0.040761	-0.005938	45.9982	-0.011875
5.4944	77.6449	80.6521	934.188	1048.4	-0.004076	-0.005938	45.9488	-0.012188
5.4954	77.5083	81.1989	934.188	1047.99	-0.004076	-0.007188	45.7515	-0.012813
5.4964	77.5083	80.6521	933.731	1047.99	-0.008152	-0.005313	45.8995	-0.012188
5.4974	77.5083	81.0622	934.073	1046.63	-0.004076	-0.008438	46.0475	-0.011875
5.4984	77.5083	80.6521	934.873	1046.63	-0.004076	-0.008375	45.6528	-0.0125
5.4994	77.9183	80.2419	934.188	1048.27	-0.004076	-0.005313	45.8502	-0.011875
5.5004	77.235	80.7888	933.959	1047.45	-0.004076	-0.007813	45.8502	-0.013125
5.5014	77.3716	81.0622	933.731	1047.72	-0.004076	-0.005313	45.5541	-0.013438
5.5024	77.5083	80.7888	934.188	1047.72	-0.004076	-0.005938	46.0475	-0.013438
5.5034	77.6449	80.6521	934.188	1047.18	-0.004076	-0.007188	45.7515	-0.011563
5.5044	77.235	81.0091	933.959	1047.86	0.044837	-0.005313	45.8502	-0.012188
5.5054	77.5083	80.9255	933.959	1046.9	-0.012228	-0.008563	45.6528	-0.011875
5.5064	77.3716	80.9255	933.731	1047.04	-0.008152	-0.007813	45.7515	-0.011563
5.5074	78.0549	80.7888	934.418	1047.59	-0.004076	-0.00625	45.8995	-0.010625
5.5084	77.6449	81.3356	934.073	1047.04	-0.004076	-0.005625	46.0475	-0.011563
5.5094	77.3716	81.0622	933.274	1045.95	-0.052989	-0.007813	45.3567	-0.013438
5.5104	77.235	81.0622	933.959	1047.45	-0.004076	-0.004688	45.8502	-0.012813
5.5114	77.235	80.5153	933.731	1047.18	-0.004076	-0.005313	46.1462	-0.012813
5.5124	77.235	81.1989	933.959	1047.18	-0.004076	-0.008875	45.5541	-0.012813
5.5134	77.7816	81.0622	933.731	1046.9	0.024456	-0.004063	45.7515	-0.012188
5.5144	77.3716	81.3356	934.188	1047.18	0.02038	-0.006825	45.5541	-0.01125
5.5154	76.9817	81.3356	933.959	1047.04	0.040761	-0.006683	45.5541	-0.013438
5.5164	76.825	81.1989	933.502	1046.63	-0.012228	-0.008438	45.7515	-0.013438
5.5174	76.9817	81.0622	933.731	1046.9	0.024456	-0.007188	45.7515	-0.011563
5.5184	77.235	81.0622	933.502	1047.04	-0.004076	-0.007813	45.8502	-0.014063
5.5194	77.7816	80.9255	933.731	1046.08	-0.004076	-0.007813	46.0475	-0.011875
5.5204	76.8884	80.7888	933.502	1044.99	-0.081141	-0.009375	45.3567	-0.013438
5.5214	77.3716	80.7888	933.502	1046.49	-0.004076	-0.005938	45.6528	-0.012188
5.5224	77.5083	80.6153	933.731	1046.63	-0.004076	-0.005313	45.7515	-0.01125
5.5234	77.5083	81.0622	933.502	1046.38	-0.004076	-0.006825	45.3074	-0.013438
5.5244	77.5083	80.6521	934.188	1046.9	0.024456	-0.002813	45.8528	-0.011875
5.5254	77.5083	80.7888	933.274	1046.63	-0.004076	-0.006938	45.6528	-0.012188
5.5264	77.235	80.6521	934.188	1046.38	0.032609	-0.00625	45.3567	-0.012813
5.5274	77.5083	80.7888	933.502	1046.38	-0.004076	-0.00625	45.5047	-0.012813
5.5284	76.8884	81.0622	933.731	1046.63	-0.004076	-0.006563	45.7021	-0.013438
5.5294	76.825	80.9255	933.731	1046.08	-0.004076	-0.008875	45.6541	-0.012813
5.5304	76.8884	81.3356	933.617	1046.63	-0.012228	-0.006938	45.6528	-0.011563
5.5314	77.3716	80.7888	932.689	1045.26	-0.069293	-0.010313	45.1593	-0.014063
5.5324	77.5083	81.0622	933.731	1045.81	-0.004076	-0.005313	45.7515	-0.012813
5.5334	77.3716	80.9255	933.731	1046.38	-0.004076	-0.008875	46.0475	-0.011563
5.5344	77.3716	81.3356	933.988	1046.38	-0.004076	-0.008563	45.4554	-0.012188
5.5354	78.0549	80.9255	933.274	1046.08	-0.004076	-0.005313	45.7515	-0.013438
5.5364	76.9817	80.7888	933.731	1046.63	-0.004076	-0.005938	45.7021	-0.012188

5.5374	77.9183	81.0622	933.731	1046.08	-0.004076	-0.008438	45.7515	-0.01125
5.5384	77.235	80.5153	934.073	1046.22	-0.004076	-0.00825	45.8502	-0.010938
5.5394	77.235	80.5153	933.502	1046.08	-0.004076	-0.005938	45.7515	-0.011563
5.5404	77.5083	80.5153	933.959	1046.36	-0.004076	-0.008875	46.8502	-0.011563
5.5414	76.825	81.0622	934.188	1046.08	-0.004076	-0.005313	45.7515	-0.010625
5.5424	76.8884	81.0622	933.274	1044.17	-0.008293	-0.010313	45.11	-0.013438
5.5434	76.9617	80.9255	933.731	1045.54	-0.004076	-0.007813	45.8528	-0.013438
5.5444	77.3716	80.7888	934.188	1045.81	-0.004076	-0.006563	45.8965	-0.013125
5.5454	77.0983	80.9255	933.959	1046.08	-0.004076	-0.005	45.5047	-0.012813
5.5464	77.235	81.0622	933.388	1045.4	-0.004076	-0.002188	45.7021	-0.013125
5.5474	77.5083	81.1989	933.617	1045.67	-0.004076	-0.005625	45.5541	-0.014888
5.5484	77.235	80.2419	934.188	1045.81	0.02038	-0.007813	45.3567	-0.012188
5.5494	76.8884	80.7888	933.731	1045.54	0.024456	-0.007813	45.8034	-0.013438
5.5504	77.7816	80.5153	933.731	1045.95	-0.004076	-0.006875	45.7515	-0.013125
5.5514	77.3716	80.6521	933.502	1045.95	-0.004076	-0.007188	45.5047	-0.012813
5.5524	76.825	81.0622	933.502	1045.81	-0.012228	-0.00625	45.4554	-0.011563
5.5534	77.3716	81.8091	933.731	1045.13	-0.004076	-0.007188	45.5047	-0.010938
5.5544	77.235	81.1989	933.16	1045.13	-0.012228	-0.006825	45.6528	-0.013125
5.5554	76.9617	81.1989	933.731	1045.4	-0.004076	-0.005313	45.8985	-0.011875
5.5564	77.7816	81.0622	933.617	1045.4	0.028532	-0.007813	45.5541	-0.012813
5.5574	77.235	81.3356	933.969	1045.28	-0.004076	-0.00625	45.7515	-0.013125
5.5584	77.3716	81.3356	933.731	1045.54	-0.004076	-0.006825	45.258	-0.012188
5.5594	77.0983	80.6521	933.731	1044.99	0.02038	-0.006563	45.8034	-0.011563
5.5604	77.3716	81.0622	934.188	1045.13	0.02038	-0.006825	45.3567	-0.013125
5.5614	76.9617	80.7888	933.502	1044.99	-0.012228	-0.006563	45.8528	-0.010313
5.5624	77.3716	81.0622	933.274	1046.36	-0.004076	-0.005313	45.7515	-0.010938
5.5634	77.235	81.3356	933.16	1044.31	-0.004076	-0.006563	45.5047	-0.010625
5.5644	77.235	80.7888	934.188	1044.44	-0.012228	-0.009083	45.3567	-0.011563
5.5654	77.3716	80.6521	933.274	1043.9	-0.012228	-0.006875	45.3567	-0.012188
5.5664	76.9617	81.8091	933.731	1044.44	-0.004076	-0.005938	45.8985	-0.013438
5.5674	77.235	81.0622	933.16	1043.9	-0.004076	-0.008125	45.5047	-0.012813
5.5684	76.9617	81.0622	933.274	1044.44	-0.004076	-0.00825	45.5541	-0.012813
5.5694	77.235	80.2419	933.502	1044.85	-0.004076	-0.006563	45.7515	-0.012188
5.5704	77.235	80.9255	933.959	1045.54	-0.004076	-0.006563	45.8528	-0.01125
5.5714	76.9617	80.9255	933.731	1044.72	0.028532	-0.005313	45.4554	-0.013125
5.5724	77.5083	81.0622	933.274	1044.72	-0.004076	-0.006563	45.5541	-0.012188
5.5734	76.8884	81.0622	933.731	1044.85	-0.004076	-0.006563	45.6528	-0.012813
5.5744	77.235	80.7888	933.502	1044.17	-0.004076	-0.007188	45.3567	-0.010938
5.5754	77.5083	80.9255	934.53	1044.85	-0.004076	-0.007813	45.5047	-0.010313
5.5764	77.235	80.7888	933.274	1044.44	-0.012228	-0.006825	45.3567	-0.013125
5.5774	77.7816	80.7888	933.274	1044.85	-0.02038	-0.005313	45.7515	-0.010313
5.5784	77.235	81.0622	933.502	1044.99	-0.004076	-0.005938	45.8034	-0.011563
5.5794	77.0983	81.1989	933.502	1044.44	-0.004076	-0.00825	45.7021	-0.011563
5.5804	77.5083	80.7888	933.731	1044.44	-0.004076	-0.007188	45.5047	-0.01125
5.5814	77.5083	81.0622	933.617	1044.17	-0.004076	-0.00825	45.5541	-0.012188
5.5824	77.5083	80.7888	933.388	1044.44	0.02038	-0.005938	45.6528	-0.012188
5.5834	77.235	80.7888	933.502	1044.31	-0.008152	-0.007188	45.4554	-0.012813
5.5844	77.6449	80.2419	933.502	1045.54	-0.004076	-0.007813	45.8034	-0.011875
5.5854	77.3716	80.7888	933.274	1044.72	-0.004076	-0.005313	45.3567	-0.011563

5.5884	77.5083	80.9255	933.274	1044.17	-0.004076	-0.006875	45.5047	-0.009375
5.5874	77.5083	80.7888	932.817	1044.31	-0.004076	-0.006563	45.3567	-0.012813
5.5884	76.9617	80.7888	933.274	1044.17	-0.004076	-0.004063	46.0475	-0.012813
5.5894	77.7816	81.0622	933.731	1044.44	-0.008152	-0.005313	45.5541	-0.010938
5.5904	77.5083	81.0622	933.502	1044.44	-0.004076	-0.004063	45.8502	-0.012813
5.5914	77.5083	79.9685	933.274	1043.62	-0.004076	-0.007813	45.5541	-0.013125
5.5924	76.8984	81.0622	933.502	1043.9	-0.02038	-0.007813	45.5541	-0.011875
5.5934	77.3716	81.0622	932.817	1043.9	-0.004076	-0.005313	45.3567	-0.012813
5.5944	77.5083	80.2419	933.731	1044.03	-0.004076	-0.005938	45.4554	-0.012813
5.5954	77.0983	80.2419	933.502	1043.76	-0.004076	-0.008125	45.7515	-0.012813
5.5964	76.9617	80.2419	933.388	1043.35	-0.004076	-0.0075	45.8528	-0.011563
5.5974	76.9617	80.8521	934.302	1043.9	-0.004076	-0.006563	46.6528	-0.010625
5.5984	77.235	81.0622	931.903	1043.35	-0.004076	-0.008125	45.6541	-0.012188
5.5994	77.235	80.9255	933.045	1042.8	-0.004076	-0.006875	45.7515	-0.012813
5.6004	77.5083	80.7888	933.502	1043.35	-0.004076	-0.006563	45.7021	-0.011563
5.6014	77.235	80.7888	933.959	1044.44	-0.004076	-0.003125	45.6528	-0.011563
5.6024	77.235	81.0622	933.617	1043.62	-0.004076	-0.005313	45.6528	-0.012188
5.6034	76.8884	81.1989	933.731	1043.35	-0.004076	-0.006938	45.4554	-0.012188
5.6044	77.235	80.7888	933.502	1043.62	-0.004076	-0.00625	45.5541	-0.01125
5.6054	76.9617	81.1989	933.502	1043.62	-0.004076	-0.007188	45.7021	-0.010625
5.6064	76.9617	81.0622	933.731	1044.44	-0.004076	-0.006563	45.9488	-0.011563
5.6074	77.7816	80.9255	933.731	1043.35	-0.004076	-0.008438	46.7515	-0.012813
5.6084	77.235	80.7888	933.16	1043.35	-0.012228	-0.005625	46.6528	-0.010938
5.6094	76.8884	81.1989	932.817	1043.35	-0.024458	-0.006563	45.7515	-0.011875
5.6104	77.235	80.9255	933.502	1043.35	-0.004076	-0.006563	46.3436	-0.012188
5.6114	76.5517	80.9255	933.045	1043.35	-0.008152	-0.006563	45.6528	-0.01125
5.6124	76.9617	81.0622	933.274	1043.21	-0.004076	-0.005938	45.9488	-0.011563
5.6134	76.9617	81.3358	933.274	1043.08	-0.004076	-0.004063	45.7515	-0.011563
5.6144	77.5083	80.2419	933.617	1043.62	-0.004076	-0.005313	45.5541	-0.012188
5.6154	76.825	81.0622	933.274	1043.35	0.044837	-0.005313	45.6528	-0.013125
5.6164	76.8884	80.7888	933.045	1043.35	-0.02038	-0.008125	45.7515	-0.011563
5.6174	76.9617	81.0622	933.502	1043.35	-0.004076	-0.007188	45.8502	-0.012188
5.6184	77.235	80.7888	933.274	1042.28	-0.004076	-0.005625	45.7515	-0.012188
5.6194	77.235	80.7888	934.873	1042.8	-0.004076	-0.005313	45.7515	-0.009375
5.6204	77.5083	80.8521	933.045	1042.8	-0.004076	-0.00625	45.8008	-0.013125
5.6214	76.9617	80.2419	933.045	1042.26	-0.004076	-0.00875	45.8008	-0.012813
5.6224	76.9617	81.3358	933.045	1042.8	-0.004076	-0.007813	46.2449	-0.012188
5.6234	76.825	81.1989	932.817	1043.49	-0.004076	-0.004063	45.6528	-0.013438
5.6244	77.3716	81.0622	933.274	1043.21	-0.004076	-0.006563	45.6528	-0.013438
5.6254	77.5083	80.9255	933.274	1043.76	-0.004076	-0.006875	46.0475	-0.010625
5.6264	77.8449	81.0622	933.731	1043.08	0.028532	-0.007813	45.6528	-0.010625
5.6274	77.235	80.2419	933.16	1042.8	-0.004076	-0.0075	45.7515	-0.010938
5.6284	77.235	80.9255	933.045	1043.62	-0.004076	-0.005938	45.8502	-0.012813
5.6294	77.0983	80.5153	933.274	1042.28	-0.004076	-0.006563	45.8008	-0.011563
5.6304	77.3716	80.7888	934.188	1042.67	-0.016304	-0.007813	46.6502	-0.010625
5.6314	77.235	81.1989	932.817	1042.8	-0.004076	-0.007188	46.6502	-0.011875
5.6324	77.235	81.0622	933.274	1042.8	-0.004076	-0.0075	46.4423	-0.010938
5.6334	77.3716	80.7888	932.817	1042.8	-0.008152	-0.007813	45.8985	-0.013125
5.6344	76.8884	81.0622	933.274	1043.62	-0.004076	-0.005	45.8502	-0.012813

5.63541	77.0983	80.9255	932.248	1042.67	-0.016304	-0.005313	45.9488	-0.011875
5.63641	77.235	80.9255	933.274	1043.08	0.02038	-0.006875	45.8502	-0.012188
5.63741	77.6449	81.0622	933.274	1042.26	0.057065	-0.005938	45.8995	-0.012813
5.63841	77.235	80.6521	933.617	1043.08	-0.004076	-0.00625	45.6528	-0.011875
5.63941	77.235	80.6521	933.602	1044.17	-0.004076	-0.004688	45.8008	-0.011563
5.64041	76.4151	80.7888	933.16	1043.08	-0.004076	-0.006563	46.0475	-0.012188
5.64141	77.235	81.0622	933.502	1042.26	-0.012228	-0.007188	45.8995	-0.010938
5.64241	77.235	80.7888	933.602	1042.53	-0.02038	-0.006563	45.8502	-0.011563
5.64341	76.4151	81.0622	933.388	1042.8	-0.004076	-0.005625	45.8502	-0.012188
5.64441	76.9617	81.0622	933.045	1042.26	-0.004076	-0.0075	46.1462	-0.012188
5.64541	77.235	81.0622	932.589	1042.26	-0.004076	-0.006563	45.8502	-0.012813
5.64641	76.4151	81.0622	933.274	1042.26	-0.004076	-0.005625	45.7515	-0.0125
5.64741	77.6449	81.0622	933.045	1042.26	-0.004076	-0.008125	46.0475	-0.012188
5.64841	77.235	81.0622	932.38	1041.71	0.028532	-0.006875	45.9488	-0.012813
5.64941	76.4151	80.7888	933.274	1043.35	-0.004076	-0.007813	45.8502	-0.014375
5.65041	77.235	80.5153	933.274	1042.67	-0.004076	-0.006563	45.8502	-0.011875
5.65141	76.9617	80.9255	933.274	1041.71	-0.004076	-0.005938	45.8995	-0.014063
5.65241	77.235	81.0622	933.731	1042.26	-0.004076	-0.008438	46.0475	-0.009375
5.65341	76.9617	81.0622	933.502	1042.12	-0.004076	-0.006563	45.8502	-0.012813
5.65441	77.235	80.7888	932.38	1041.89	-0.004076	-0.007813	45.8995	-0.0125
5.65541	77.235	80.9255	933.16	1042.8	-0.004076	-0.005938	46.1462	-0.011563
5.65641	77.235	81.3356	933.274	1042.53	0.024458	-0.005313	45.8502	-0.011563
5.65741	77.3716	80.7888	933.274	1042.53	-0.004076	-0.00375	46.0969	-0.011563
5.65841	76.825	80.7888	933.045	1042.26	-0.02038	-0.0075	45.8995	-0.011563
5.65941	77.0983	81.0622	933.045	1042.53	-0.004076	-0.005938	45.8502	-0.01125
5.66041	77.235	80.7888	933.274	1042.07	-0.004076	-0.005313	45.8008	-0.011563
5.66141	77.235	80.6521	932.817	1042.84	-0.012228	-0.006563	46.0475	-0.012813
5.66241	76.9617	81.3356	933.16	1041.85	0.02038	-0.006563	45.9488	-0.011563
5.66341	76.5517	81.0622	933.502	1042.53	-0.004076	-0.006313	46.1462	-0.010938
5.66441	76.9617	80.7888	933.274	1042.26	-0.004076	-0.005625	45.8502	-0.010938
5.66541	76.4151	80.7888	933.045	1041.71	-0.004076	-0.0075	46.0475	-0.013438
5.66641	76.9617	80.9255	933.274	1042.12	-0.004076	-0.006875	46.2943	-0.0125
5.66741	77.6449	81.0622	932.817	1042.67	-0.004076	-0.005313	46.1462	-0.012188
5.66841	77.235	80.9255	933.731	1041.58	-0.004076	-0.004688	46.0969	-0.0125
5.66941	77.235	80.7888	932.703	1042.26	-0.004076	-0.007813	46.0475	-0.011563
5.67041	76.825	80.2419	932.817	1041.58	0.028532	-0.006563	45.9488	-0.01125
5.67141	77.235	80.9255	932.474	1041.71	-0.008152	-0.006875	45.8502	-0.011563
5.67241	76.9617	80.7888	933.274	1041.71	-0.004076	-0.007813	45.9982	-0.013438
5.67341	76.9617	80.6521	932.703	1041.71	-0.004076	-0.007813	45.8008	-0.012813
5.67441	77.235	80.9255	932.589	1041.71	-0.004076	-0.006563	45.8008	-0.011875
5.67541	77.6083	81.0622	933.045	1041.89	-0.004076	-0.00625	45.7515	-0.014063
5.67641	76.9617	80.7888	932.38	1042.26	0.028532	-0.005313	46.1462	-0.010313
5.67741	77.0983	81.0622	933.045	1041.58	-0.004076	-0.006875	46.0969	-0.011563
5.67841	76.8884	81.0622	933.045	1041.44	-0.004076	-0.005625	45.7021	-0.0125
5.67941	76.9617	81.1989	932.589	1041.71	-0.004076	-0.005313	46.0969	-0.01125
5.68041	77.235	80.7888	932.931	1041.71	-0.004076	-0.006875	45.9488	-0.012813
5.68141	77.0983	80.7888	932.817	1041.89	0.032809	-0.006563	45.8502	-0.012813
5.68241	77.235	80.7888	933.045	1042.26	-0.004076	-0.007188	45.5047	-0.012813
5.68341	76.9617	80.7888	933.16	1042.53	-0.004076	-0.008438	45.9982	-0.010313

5.68441	76.9617	81.8091	932.817	1041.44	-0.02038	-0.00625	45.9488	-0.012813
5.68541	76.9617	80.9255	933.388	1041.71	-0.004076	-0.00625	45.9982	-0.011563
5.68641	76.9617	81.0622	933.274	1040.62	-0.016304	-0.006875	46.0969	-0.011675
5.68741	77.235	81.0622	932.589	1041.44	-0.004076	-0.006825	46.9488	-0.012813
5.68841	76.825	80.7888	932.589	1041.17	-0.008152	-0.005825	46.1462	-0.012813
5.68941	77.235	80.7888	932.817	1041.44	-0.004076	-0.006563	46.8995	-0.011563
5.69041	77.235	80.7888	932.817	1041.89	-0.004076	-0.004063	46.2449	-0.011563
5.69141	76.9617	81.1889	933.045	1041.44	-0.004076	-0.006563	46.0969	-0.010938
5.69241	76.9617	81.1889	933.045	1040.62	0.028532	-0.00625	45.7515	-0.012188
5.69341	76.825	80.8521	932.817	1041.17	-0.004076	-0.005938	46.1462	-0.010625
5.69441	76.825	81.0622	932.703	1041.71	-0.004076	-0.006313	45.9488	-0.011563
5.69541	76.9617	80.9255	933.274	1040.35	-0.004076	-0.006875	45.9982	-0.012188
5.69641	76.9617	81.3366	933.274	1041.17	0.02038	-0.006563	45.7515	-0.012188
5.69741	76.9617	80.7888	932.817	1040.76	-0.02038	-0.010313	45.9488	-0.013438
5.69841	76.9617	80.7888	932.703	1041.17	-0.004076	-0.00625	46.0969	-0.012813
5.69941	77.0983	80.8521	932.817	1041.3	-0.004076	-0.00625	46.2943	-0.013438
5.70041	76.9617	81.4724	932.589	1041.17	-0.004076	-0.007188	45.7021	-0.013438
5.70141	76.9617	81.0622	932.817	1041.44	-0.004076	-0.002813	45.8995	-0.012813
5.70241	76.825	80.9255	933.16	1041.17	-0.004076	-0.007188	45.8995	-0.012188
5.70341	76.9617	81.8091	933.16	1040.89	0.048913	-0.007188	45.6502	-0.01375
5.70441	76.825	80.9255	932.589	1041.71	-0.008152	-0.006125	45.9488	-0.012188
5.70541	76.825	81.0622	932.589	1041.44	-0.004076	-0.006563	45.8008	-0.012813
5.70641	76.2785	81.0622	932.817	1040.62	-0.024456	-0.006563	45.7515	-0.012188
5.70741	77.235	80.9255	932.589	1040.62	-0.012228	-0.006563	45.8995	-0.012188
5.70841	76.9617	81.0622	932.589	1040.07	-0.044837	-0.007188	45.6541	-0.013438
5.70941	77.5083	80.7888	932.589	1041.44	-0.004076	-0.004688	45.8985	-0.014063
5.71041	76.825	80.8521	933.16	1041.58	-0.004076	-0.004688	46.0475	-0.011563
5.71141	77.235	81.0622	932.817	1041.17	-0.004076	-0.006563	45.8502	-0.010938
5.71241	76.9617	81.0622	932.817	1040.89	-0.004076	-0.001563	45.8502	-0.012188
5.71341	77.0983	81.0622	932.589	1041.17	-0.004076	-0.007813	45.9488	-0.011563
5.71441	77.5083	81.0622	932.474	1041.71	0.028532	-0.005313	46.0475	-0.012813
5.71541	76.9617	81.0622	932.703	1040.48	-0.004076	-0.007813	46.1462	-0.0125
5.71641	76.9617	81.0622	932.589	1040.89	-0.004076	-0.007813	45.8008	-0.010313
5.71741	76.825	81.3366	932.817	1040.89	-0.004076	-0.006563	45.9488	-0.010938
5.71841	76.8884	80.7888	932.36	1039.66	-0.004076	-0.006563	45.9488	-0.010938
5.71941	76.9617	81.3366	932.703	1040.07	-0.012228	-0.00675	45.6047	-0.016313
5.72041	76.825	80.2419	932.817	1040.62	-0.004076	-0.006563	45.8008	-0.012813
5.72141	76.9617	80.7888	932.817	1040.07	-0.004076	-0.006563	46.0475	-0.012813
5.72241	77.0983	80.7888	932.589	1040.35	-0.004076	-0.006563	45.7515	-0.013125
5.72341	76.4151	81.0622	932.36	1041.03	-0.004076	-0.004063	45.9488	-0.011563
5.72441	76.9617	80.9255	932.703	1040.62	-0.004076	-0.006563	45.7515	-0.012188
5.72541	76.9617	80.2419	932.703	1041.17	0.048913	-0.006563	45.7021	-0.012813
5.72641	76.9617	81.1889	933.045	1040.07	-0.016304	-0.005938	45.7515	-0.010938
5.72741	77.235	80.9255	932.36	1040.48	-0.008152	-0.006563	45.7515	-0.010938
5.72841	76.825	80.9255	932.817	1040.48	-0.008152	-0.006563	45.7515	-0.01125
5.72941	76.9617	81.1889	931.903	1039.39	-0.004076	-0.007813	45.6541	-0.011663
5.73041	77.235	80.7888	932.132	1038.71	-0.073369	-0.011563	46.258	-0.010938
5.73141	76.2785	81.0622	932.248	1039.94	-0.004076	-0.007813	45.7515	-0.01375
5.73241	76.825	81.8091	932.589	1039.8	-0.012228	-0.00625	46.0475	-0.012813

5.73341	76.8884	80.9255	932.36	1040.62	-0.004078	-0.00626	45.6528	-0.011563
5.73441	76.9617	81.1989	932.589	1040.07	-0.004078	-0.002813	45.6502	-0.01125
5.73541	76.825	81.6091	932.589	1040.07	-0.004078	-0.00626	45.4554	-0.012188
5.73641	76.9617	81.4724	932.817	1039.88	0.032609	-0.005313	45.6502	-0.010938
5.73741	76.825	81.0622	932.36	1040.62	-0.004078	-0.005838	45.6034	-0.013125
5.73841	76.9617	81.0622	932.474	1039.94	-0.012228	-0.007813	45.7515	-0.010938
5.73941	76.9617	81.3356	932.817	1039.94	-0.004078	-0.005838	45.9488	-0.012188
5.74041	76.9617	80.7888	931.903	1040.07	-0.004078	-0.006563	45.6528	-0.013125
5.74141	76.825	80.9255	932.246	1038.57	-0.036885	-0.009063	45.0608	-0.013438
5.74241	76.5517	81.1989	932.246	1039.53	-0.004078	-0.005313	45.7515	-0.011563
5.74341	76.9617	81.1989	933.18	1039.8	-0.004078	-0.004375	46.1462	-0.011876
5.74441	76.9617	81.4724	932.36	1039.8	0.028532	-0.005563	45.6034	-0.012813
5.74541	76.9617	80.7888	932.36	1039.25	-0.004078	-0.005825	45.5541	-0.012188
5.74641	77.3716	80.9255	932.36	1039.53	-0.004078	-0.007813	45.6502	-0.013125
5.74741	76.825	81.3356	932.132	1039.25	0.024456	-0.007813	45.5541	-0.012813
5.74841	77.3716	81.0622	932.474	1039.39	-0.004078	-0.005313	45.5541	-0.01375
5.74941	76.825	80.7888	932.474	1039.94	-0.004078	-0.007813	45.6528	-0.012813
5.75041	76.9617	80.7888	932.132	1039.8	-0.004078	-0.005825	45.5541	-0.013125
5.75141	76.9617	80.5153	932.36	1039.25	-0.004078	-0.005313	45.3567	-0.012813
5.75241	76.4151	81.0622	932.474	1037.89	-0.069293	-0.010313	45.11	-0.012813
5.75341	76.825	81.1989	931.903	1038.98	-0.012228	-0.005563	45.3567	-0.013125
5.75441	76.9617	81.0622	932.817	1039.25	-0.02038	-0.005563	45.9488	-0.012188
5.75541	76.9617	81.0622	932.36	1039.12	-0.012228	-0.00626	45.6528	-0.012188
5.75641	76.825	80.7888	932.931	1040.07	-0.004078	-0.002813	45.6528	-0.013438
5.75741	77.5083	80.7888	932.36	1039.25	-0.004078	-0.004888	45.6034	-0.010938
5.75841	77.3716	80.7888	932.36	1039.8	-0.004078	-0.005563	45.7021	-0.010938
5.75941	76.825	81.1989	932.589	1039.25	-0.004078	-0.005938	45.7515	-0.011563
5.76041	76.4151	81.0622	932.36	1040.07	-0.004078	-0.005563	45.6502	-0.011563
5.76141	77.5083	80.9255	931.903	1038.71	-0.004078	-0.005938	45.6541	-0.012813
5.76241	76.9617	81.1989	931.903	1038.84	-0.004078	-0.007813	45.6047	-0.014063
5.76341	76.9617	80.9255	931.675	1037.07	-0.036885	-0.010313	44.9819	-0.014888
5.76441	77.0983	81.0622	932.589	1039.53	-0.004078	-0.006875	45.3567	-0.014063
5.76541	76.9617	81.4724	931.803	1038.71	-0.004078	-0.007813	46.0989	-0.012188
5.76641	76.9617	81.1989	932.246	1038.67	-0.004078	-0.006563	45.6047	-0.014063
5.76741	76.825	81.0622	932.703	1039.63	-0.004078	-0.005938	45.6541	-0.011563
5.76841	76.2785	81.0622	932.474	1039.39	-0.004078	-0.005563	45.5541	-0.0125
5.76941	77.235	81.1989	932.36	1038.84	0.028532	-0.00625	45.5047	-0.012813
5.77041	76.9617	81.0622	932.132	1038.84	-0.004078	-0.005563	45.3567	-0.010938
5.77141	77.235	80.9255	932.246	1038.16	-0.004078	-0.006875	45.6034	-0.011563
5.77241	77.3716	81.0622	932.589	1039.66	-0.004078	-0.005563	45.7021	-0.013125
5.77341	76.9617	80.9255	932.703	1038.43	-0.004078	-0.005563	45.5541	-0.014063
5.77441	77.235	81.0622	933.274	1038.57	-0.004078	-0.00675	45.3567	-0.010625
5.77541	76.9617	81.0622	931.903	1038.3	-0.004078	-0.005313	45.3567	-0.013438
5.77641	76.9617	81.0622	932.589	1039.25	-0.004078	-0.005938	46.0475	-0.011875
5.77741	76.9617	81.3356	931.903	1038.84	-0.004078	-0.006875	45.3567	-0.011563
5.77841	76.9617	80.7888	932.589	1038.98	-0.004078	-0.00375	45.4554	-0.013125
5.77941	76.9617	80.9255	932.36	1038.71	-0.004078	-0.005938	45.3567	-0.011563
5.78041	76.9617	81.0622	932.703	1037.89	-0.004078	-0.008125	45.6541	-0.012188
5.78141	77.3716	80.7888	932.132	1038.16	0.044837	-0.007188	45.6047	-0.01375

5.78242	76.9617	81.3356	932.36	1038.43	-0.004076	-0.007813	45.3667	-0.012813
5.78342	76.9617	80.7888	932.132	1038.98	0.028532	-0.006875	45.3567	-0.0125
5.78442	76.8884	81.1989	932.246	1037.61	-0.004076	-0.007813	45.3567	-0.012188
5.78542	76.9617	80.7888	933.045	1037.89	-0.02038	-0.010313	45.3667	-0.010313
5.78642	76.9617	81.0622	931.903	1037.89	-0.004076	-0.007813	45.5641	-0.013126
5.78742	76.8884	80.9255	932.246	1037.89	-0.004076	-0.005938	45.9488	-0.013126
5.78842	76.9617	80.7888	932.36	1038.43	-0.004076	-0.005313	45.3074	-0.012813
5.78942	76.8884	81.0622	932.36	1039.26	-0.004076	-0.003438	45.6528	-0.012813
5.79042	76.825	80.7888	932.703	1038.71	-0.004076	-0.005313	45.3567	-0.011875
5.79142	76.825	81.1989	932.36	1038.3	0.028532	-0.0075	45.4554	-0.011875
5.79242	76.825	81.0622	932.817	1038.43	-0.004076	-0.004688	45.258	-0.009888
5.79342	77.235	81.0622	932.36	1038.57	-0.004076	-0.006563	45.4554	-0.013438
5.79442	76.9617	80.7888	931.903	1039.39	-0.004076	-0.005313	45.258	-0.011563
5.79542	77.5083	81.0622	932.36	1037.48	-0.024456	-0.0075	45.258	-0.011563
5.79642	76.9617	80.7888	932.36	1037.61	-0.012228	-0.00875	45.4554	-0.010938
5.79742	76.825	81.8091	931.332	1037.75	-0.004076	-0.007813	45.258	-0.014375
5.79842	76.9617	80.7888	932.132	1037.89	-0.004076	-0.006563	45.8502	-0.012188
5.79942	76.9617	81.1989	932.36	1037.48	-0.004076	-0.007188	45.6641	-0.012188
5.80042	76.4151	80.7888	932.36	1037.75	-0.004076	-0.005938	45.3667	-0.011563
5.80142	76.825	80.7888	931.903	1037.61	-0.004076	-0.006875	45.3667	-0.012188
5.80242	76.8884	80.7888	932.589	1037.89	-0.004076	-0.006563	45.0113	-0.013126
5.80342	76.9617	81.0622	932.589	1037.2	-0.004076	-0.006563	45.258	-0.011563
5.80442	76.8884	81.0622	932.703	1037.34	-0.012228	-0.005313	45.6047	-0.013438
5.80542	76.4151	81.0622	932.817	1038.43	-0.012228	-0.006563	45.3074	-0.011563
5.80642	76.9617	81.4724	932.36	1038.66	-0.004076	-0.006563	45.6528	-0.011875
5.80742	76.8884	81.1989	933.274	1037.89	-0.004076	-0.007188	45.3667	-0.009888
5.80842	76.9617	81.0622	931.903	1038.8	-0.02038	-0.006875	45.258	-0.012813
5.80942	76.2785	81.0622	931.903	1037.89	-0.004076	-0.007188	45.3667	-0.010938
5.81042	76.825	81.3356	931.903	1037.61	-0.004076	-0.005313	45.3667	-0.012188
5.81142	76.825	80.9255	932.817	1037.89	-0.004076	-0.003438	45.258	-0.012188
5.81242	77.6449	81.0622	932.36	1037.2	-0.004076	-0.005938	45.3074	-0.0125
5.81342	76.9617	80.7888	932.36	1037.75	-0.004076	-0.007188	45.6047	-0.011875
5.81442	76.8884	80.7888	932.246	1037.07	-0.004076	-0.007188	45.3074	-0.012188
5.81542	77.3716	81.1989	931.903	1037.61	-0.004076	-0.005938	45.6641	-0.012813
5.81642	76.8884	81.8091	932.474	1038.57	-0.004076	-0.005	45.258	-0.012813
5.81742	76.9617	81.0622	931.448	1038.8	-0.004076	-0.006563	45.3667	-0.011563
5.81842	76.825	80.6521	932.703	1038.8	-0.012228	-0.005938	45.3074	-0.009888
5.81942	76.8884	81.7458	931.218	1038.8	-0.02038	-0.006875	45.4554	-0.0125
5.82042	76.8884	81.0622	931.903	1038.8	-0.004076	-0.007188	45.7515	-0.010938
5.82142	76.825	80.5153	932.36	1037.2	-0.004076	-0.005313	45.6641	-0.011563
5.82242	76.8884	81.0622	932.132	1038.8	-0.004076	-0.00625	45.1593	-0.014688
5.82342	76.825	80.7888	932.589	1037.2	-0.004076	-0.004375	45.1593	-0.012188
5.82442	76.9617	81.0622	932.817	1037.07	-0.004076	-0.005938	45.258	-0.011875
5.82542	76.8884	80.7888	931.903	1037.34	-0.004076	-0.00625	45.6641	-0.010625
5.82642	76.5517	80.5153	932.246	1037.07	-0.004076	-0.007188	45.6528	-0.011563
5.82742	77.3716	80.7888	931.903	1037.61	-0.012228	-0.006563	45.3567	-0.01126
5.82842	76.825	80.7888	931.675	1038.98	-0.004076	-0.007813	45.3074	-0.011563
5.82942	76.9617	81.1989	932.132	1037.2	-0.004076	-0.008438	45.3667	-0.010313
5.83042	76.9617	80.7888	932.132	1038.66	-0.004076	-0.006563	45.258	-0.011875

5.83142	76.9617	80.2419	931.789	1036.52	0.028532	-0.007188	45.3567	-0.013438
5.83242	76.1418	80.9255	932.36	1036.25	-0.004076	-0.006563	45.2087	-0.012188
5.83342	76.9617	81.3356	931.903	1037.07	0.032609	-0.003125	45.3074	-0.013438
5.83442	76.9617	80.9255	932.589	1037.34	-0.004076	-0.007813	45.2087	-0.0125
5.83542	76.6884	80.5153	931.903	1036.8	-0.004076	-0.00825	45.258	-0.012813
5.83642	76.6884	80.7888	932.246	1036.52	0.036665	-0.00625	45.258	-0.011563
5.83742	76.825	80.7888	931.903	1035.7	-0.004076	-0.008438	45.3667	-0.013125
5.83842	76.825	81.1989	931.903	1037.89	-0.004076	-0.005825	45.3667	-0.012188
5.83942	75.8685	81.0622	932.246	1036.25	-0.004076	-0.005938	45.3567	-0.012813
5.84042	76.4151	80.2419	933.046	1036.52	-0.004076	-0.005938	45.3074	-0.010313
5.84142	76.9617	81.0622	931.581	1036.25	-0.004076	-0.006875	44.9619	-0.012188
5.84242	76.9617	81.0622	932.589	1036.8	-0.004076	-0.004063	45.6528	-0.010825
5.84342	76.825	81.1989	932.36	1036.68	-0.004076	-0.005313	45.3667	-0.010825
5.84442	75.8685	81.0622	931.675	1036.25	-0.004076	-0.005825	45.258	-0.011563
5.84542	76.5517	81.4724	931.903	1036.8	0.024458	-0.003438	45.5047	-0.012188
5.84642	76.9617	80.5153	931.903	1035.98	0.024458	-0.006875	45.1593	-0.011875
5.84742	77.235	80.9255	931.903	1035.98	0.02038	-0.005838	45.258	-0.012813
5.84842	76.6884	81.3356	932.132	1036.7	-0.004076	-0.006875	45.5641	-0.011563
5.84942	76.6884	80.9255	931.903	1037.34	-0.016304	-0.008438	45.4654	-0.010825
5.85042	77.3716	80.7888	931.903	1036.25	-0.004076	-0.00825	45.3567	-0.012813
5.85142	76.9617	80.2419	932.817	1035.7	-0.02038	-0.006563	45.3074	-0.010313
5.85242	76.825	81.0622	932.132	1035.98	-0.016304	-0.006563	44.9619	-0.014888
5.85342	76.825	80.9255	931.903	1036.25	-0.004076	-0.006563	45.7515	-0.011563
5.85442	76.9617	81.3356	931.903	1036.7	-0.004076	-0.006563	45.3074	-0.012813
5.85542	75.8685	80.7888	931.446	1035.16	-0.004076	-0.005313	45.1593	-0.012813
5.85642	76.6884	80.7888	931.675	1035.7	-0.016304	-0.0075	45.3567	-0.0125
5.85742	77.3716	80.7888	931.903	1035.02	-0.004076	-0.005938	45.3074	-0.01125
5.85842	76.6884	81.1989	931.903	1035.98	0.044837	-0.005938	45.3074	-0.010825
5.85942	76.825	81.1989	931.903	1035.57	-0.012228	-0.008125	45.11	-0.012188
5.86042	76.825	80.7888	932.36	1036.25	-0.004076	-0.006875	45.258	-0.010825
5.86142	76.6884	81.1989	931.903	1035.57	-0.004076	-0.006563	45.11	-0.011563
5.86242	76.6884	80.9255	932.589	1036.25	-0.004076	-0.006875	45.2087	-0.008438
5.86342	76.6884	80.6521	931.903	1035.43	-0.004076	-0.007188	45.258	-0.011875
5.86442	76.9617	80.7888	931.581	1035.7	-0.004076	-0.007188	45.3567	-0.012188
5.86542	77.235	80.7888	931.675	1035.29	-0.004076	-0.006563	45.258	-0.011563
5.86642	76.5517	80.9255	932.36	1035.7	-0.004076	-0.005938	45.3074	-0.011563
5.86742	76.9617	80.9255	931.903	1035.57	-0.004076	-0.005	45.7515	-0.012813
5.86842	76.9617	80.2419	931.675	1035.57	-0.004076	-0.006563	45.2087	-0.011563
5.86942	76.825	81.0622	932.36	1036.25	0.044837	-0.005313	45.5047	-0.013125
5.87042	76.9617	80.7888	931.903	1036.25	-0.004076	-0.007188	45.3074	-0.011563
5.87142	76.825	81.3356	931.675	1036.8	-0.004076	-0.008125	45.3074	-0.013438
5.87242	76.825	80.2419	931.903	1035.16	-0.016304	-0.00825	45.3567	-0.011875
5.87342	76.825	81.3356	931.903	1035.29	-0.004076	-0.007813	45.6034	-0.010838
5.87442	76.825	80.5153	932.474	1035.02	-0.004076	-0.006563	45.5047	-0.011875
5.87542	75.8685	80.9255	931.903	1035.57	-0.004076	-0.006563	45.3567	-0.011875
5.87642	76.4151	80.7888	932.246	1035.57	-0.004076	-0.005313	45.3567	-0.012188
5.87742	76.9617	80.7888	931.903	1035.7	-0.004076	-0.005313	45.5047	-0.011875
5.87842	76.5517	80.7888	931.903	1035.98	-0.004076	-0.006563	45.1593	-0.012188
5.87942	76.825	81.3356	931.903	1035.16	0.028532	-0.006563	45.3567	-0.01125

5.88042	78.5617	81.1989	931.903	1035.16	0.044837	-0.007188	45.3074	-0.011875
5.88142	78.4151	80.9255	931.789	1035.29	-0.004076	-0.007813	45.258	-0.013438
5.88242	78.1418	80.7888	931.448	1035.98	-0.004076	-0.005938	45.258	-0.012813
5.88342	78.4151	80.2419	931.446	1034.61	-0.004076	-0.007813	44.9126	-0.012813
5.88442	78.6884	81.0622	932.817	1035.7	-0.004076	-0.006563	45.3567	-0.008063
5.88542	77.235	80.7888	931.903	1035.16	-0.004076	-0.005313	45.5541	-0.013438
5.88642	78.9617	80.7888	931.218	1035.43	-0.004076	-0.008438	45.6528	-0.01125
5.88742	78.9617	80.9255	931.789	1035.43	-0.004076	-0.00625	45.7515	-0.012813
5.88842	78.2785	80.7888	931.446	1035.7	-0.004076	-0.005938	45.3074	-0.011563
5.88942	78.6884	81.1989	931.675	1035.43	-0.004076	-0.002813	45.3567	-0.012813
5.89042	78.6884	80.7888	931.218	1035.29	-0.004076	-0.006875	45.3567	-0.010938
5.89142	78.6884	81.0622	932.246	1035.02	-0.004076	-0.006563	45.4554	-0.010625
5.89242	78.9617	81.0622	931.903	1035.7	-0.004076	-0.00625	45.5541	-0.010938
5.89342	78.9617	81.0622	931.789	1037.2	-0.004076	-0.005313	45.5541	-0.010938
5.89442	78.9617	80.7888	931.446	1034.75	-0.008152	-0.005313	45.3567	-0.013438
5.89542	78.825	80.6521	931.903	1034.06	-0.004076	-0.006563	45.3567	-0.012188
5.89642	78.6884	81.0622	931.903	1034.88	-0.004076	-0.008438	45.4554	-0.010313
5.89742	78.825	80.2419	931.446	1034.61	-0.004076	-0.005938	45.5541	-0.011563
5.89842	78.6884	81.0622	931.903	1034.61	-0.004076	-0.005313	45.3567	-0.012813
5.89942	78.9617	81.0622	931.446	1034.06	-0.004076	-0.006563	45.4554	-0.011563
5.90042	78.825	81.3356	931.903	1034.47	-0.012228	-0.004888	45.7021	-0.010838
5.90142	78.6884	81.3356	932.246	1034.61	-0.004076	-0.006563	45.3567	-0.010625
5.90242	78.6884	80.7888	931.903	1034.88	0.036685	-0.007188	45.7021	-0.012188
5.90343	78.6884	81.4724	932.246	1034.75	-0.004076	-0.007813	45.3567	-0.013438
5.90443	78.6884	80.7888	931.581	1035.43	-0.004076	-0.008438	45.5541	-0.012813
5.90543	78.4151	80.8521	931.903	1034.34	-0.004076	-0.005938	45.3567	-0.011875
5.90643	78.6884	80.7888	931.903	1034.61	-0.02038	-0.007188	45.258	-0.006888
5.90743	75.6685	81.0622	931.675	1034.06	-0.012228	-0.007188	45.3567	-0.013126
5.90843	78.6884	81.1989	930.99	1034.06	-0.004076	-0.006563	45.4554	-0.011563
5.90943	78.4151	80.9255	931.675	1034.06	-0.004076	-0.005938	45.7515	-0.011563
5.91043	78.5617	80.9255	932.38	1034.61	-0.004076	-0.005313	45.3567	-0.010938
5.91143	78.9617	80.2419	932.132	1034.61	0.048913	-0.004688	45.3567	-0.011875
5.91243	78.4151	80.5153	931.446	1034.61	-0.004076	-0.007188	45.4554	-0.013125
5.91343	78.825	80.7888	931.218	1034.06	0.032809	-0.007813	45.5541	-0.012813
5.91443	78.9617	81.0622	931.581	1034.06	-0.004076	-0.007813	45.3567	-0.01125
5.91543	78.6884	81.6091	931.789	1034.06	-0.004076	-0.007188	45.258	-0.012188
5.91643	78.4151	80.7888	931.446	1034.61	-0.008152	-0.007813	45.3567	-0.014083
5.91743	78.6884	81.1989	931.218	1034.34	-0.012228	-0.006875	45.8008	-0.010938
5.91843	78.6884	80.7888	932.589	1034.61	-0.004076	-0.005625	45.3567	-0.012813
5.91943	78.6884	80.9255	931.218	1033.52	-0.008152	-0.005938	45.9488	-0.012188
5.92043	78.9617	81.0622	931.581	1033.52	-0.004076	-0.007188	45.3567	-0.013438
5.92143	78.6884	80.9255	931.903	1034.34	-0.004076	-0.007813	45.4554	-0.011875
5.92243	78.6884	81.0622	931.675	1033.52	-0.004076	-0.003438	45.6034	-0.011563
5.92343	78.825	81.1989	931.446	1033.93	-0.004076	-0.008438	45.6528	-0.012188
5.92443	78.9617	80.9255	931.789	1033.79	0.036685	-0.005625	45.3567	-0.010313
5.92543	78.6884	81.6091	931.581	1034.34	-0.004076	-0.007813	45.6034	-0.011563
5.92643	78.6884	81.0622	932.132	1034.61	-0.004076	-0.007188	45.5047	-0.010938
5.92743	78.825	80.9255	931.446	1033.24	-0.004076	-0.006563	45.3567	-0.011875
5.92843	78.6884	81.0622	931.903	1033.52	-0.012228	-0.006875	45.5541	-0.012813

5.92943	76.6884	80.7888	930.533	1032.15	-0.012228	-0.007813	44.8633	-0.014063
5.93043	76.825	80.9255	931.446	1033.52	-0.004076	-0.006563	45.3074	-0.014688
5.93143	76.4161	81.0622	931.446	1034.2	-0.004076	-0.00825	45.6528	-0.012813
5.93243	76.9617	81.0622	931.446	1033.93	-0.004076	-0.0075	45.5047	-0.011563
5.93343	76.9617	81.0622	930.99	1033.93	-0.004076	-0.001563	45.5541	-0.013125
5.93443	76.4151	80.2419	931.218	1033.11	-0.008152	-0.008125	45.3567	-0.014063
5.93543	76.6884	81.0622	931.675	1033.52	0.040761	-0.005625	45.258	-0.013125
5.93643	76.825	81.0622	931.446	1033.52	-0.004076	-0.008125	45.3567	-0.011875
5.93743	76.9617	81.0622	930.99	1033.24	-0.016304	-0.007188	45.5047	-0.015313
5.93843	76.6884	81.0622	931.903	1034.34	-0.004076	-0.005313	45.3567	-0.012813
5.93943	76.6884	80.7888	931.789	1033.38	-0.004076	-0.006875	45.5541	-0.012813
5.94043	76.825	80.2419	931.903	1032.42	-0.044837	-0.008438	45.1593	-0.010838
5.94143	76.6884	81.0622	931.218	1032.97	-0.004076	-0.006563	45.5047	-0.012188
5.94243	77.235	80.7888	931.332	1033.52	-0.008152	-0.006875	45.5047	-0.011875
5.94343	76.6884	81.0622	931.903	1033.38	-0.004076	-0.007813	45.3567	-0.010313
5.94443	76.4151	80.9255	931.675	1034.47	-0.004076	-0.003438	45.5541	-0.012813
5.94543	76.4151	80.9255	931.675	1034.06	-0.004076	-0.006563	45.5047	-0.014376
5.94643	76.6884	81.0622	931.332	1033.52	-0.004076	-0.006838	45.6528	-0.0125
5.94743	77.235	80.7888	931.581	1033.52	-0.008152	-0.006825	45.3567	-0.010838
5.94843	76.9617	81.1989	931.446	1034.34	-0.004076	-0.00625	45.5541	-0.012813
5.94943	76.5517	80.5153	931.446	1033.24	-0.004076	-0.007188	45.4554	-0.011563
5.95043	76.9617	80.5153	931.903	1033.38	-0.004076	-0.005938	45.3567	-0.014063
5.95143	76.6884	81.3356	930.781	1032.15	-0.052989	-0.010313	45.1593	-0.014063
5.95243	76.6884	81.1989	930.99	1032.97	-0.008152	-0.007188	45.7021	-0.014063
5.95343	76.9617	80.7888	931.903	1033.52	0.02038	-0.007188	46.1462	-0.013125
5.95443	76.6884	81.0622	931.218	1033.11	-0.004076	-0.004688	45.6034	-0.01125
5.95543	76.4151	81.0622	931.675	1032.97	-0.004076	-0.005313	45.5541	-0.012813
5.95643	77.3718	80.9255	931.218	1032.7	-0.004076	-0.007188	45.3567	-0.011563
5.95743	75.8685	81.0622	931.675	1033.24	0.044837	-0.005938	45.5541	-0.012188
5.95843	76.6884	80.2419	931.218	1032.97	-0.004076	-0.005625	45.3567	-0.01125
5.95943	76.4151	81.0622	931.218	1032.83	-0.004076	-0.005938	45.3567	-0.0125
5.96043	76.4151	80.7888	930.99	1033.38	-0.004076	-0.0075	45.3074	-0.012813
5.96143	77.0983	80.7888	931.446	1032.01	-0.004076	-0.006875	45.3567	-0.011875
5.96243	76.4161	80.7888	931.903	1031.74	-0.028532	-0.00875	44.9128	-0.012813
5.96343	76.4161	81.4724	931.104	1032.83	-0.004076	-0.00625	45.5047	-0.012813
5.96443	76.825	80.7888	930.533	1032.29	-0.004076	-0.008125	45.7021	-0.013438
5.96543	76.5517	81.0622	931.218	1032.7	-0.004076	-0.006875	45.3567	-0.012188
5.96643	76.2785	80.5153	931.218	1032.42	-0.004076	-0.003438	45.6034	-0.011563
5.96743	76.6885	81.1989	931.218	1033.11	-0.004076	-0.007188	45.3567	-0.013438
5.96843	76.4151	80.9255	930.99	1032.83	0.028532	-0.008438	45.5047	-0.013125
5.96943	76.6884	80.9255	931.903	1032.97	-0.004076	-0.006875	45.8008	-0.012813
5.97043	76.6884	81.6081	931.675	1033.93	-0.004076	-0.005938	45.5047	-0.012813
5.97143	76.6884	81.1989	931.789	1032.7	-0.004076	-0.006313	45.5541	-0.014063
5.97243	76.6884	81.3356	931.332	1032.15	-0.004076	-0.007188	45.5541	-0.013438
5.97343	76.825	80.5153	930.99	1031.33	-0.044837	-0.010938	45.1593	-0.013125
5.97443	76.6884	80.9255	931.446	1032.29	-0.004076	-0.006563	45.7021	-0.013125
5.97543	76.9617	80.5153	931.218	1032.42	-0.004076	-0.005313	46.3436	-0.010625
5.97643	76.4151	81.0622	930.99	1032.15	-0.008152	-0.005625	45.5047	-0.011875
5.97743	76.825	80.2419	931.446	1032.29	-0.004076	-0.004063	45.6528	-0.011875

5.97843	76.5517	81.3356	930.99	1032.15	-0.004078	-0.005938	45.5047	-0.0125
5.97843	76.825	81.0622	931.218	1032.15	-0.012228	-0.007813	45.5541	-0.013438
5.98043	76.6884	80.8521	932.248	1032.42	0.028532	-0.005825	45.3074	-0.012813
5.98143	76.4151	81.3356	930.99	1032.42	-0.004078	-0.006563	45.3587	-0.011563
5.98243	76.4151	81.0622	930.99	1032.56	-0.004078	-0.007188	45.7515	-0.012188
5.98343	76.9617	80.2419	931.581	1031.88	0.02038	-0.006313	45.5541	-0.013438
5.98443	76.5517	80.7888	930.533	1030.38	-0.044837	-0.010313	44.9619	-0.015938
5.98543	76.4151	80.8521	931.332	1032.15	-0.004078	-0.008875	45.3587	-0.012813
5.98643	76.4151	80.8521	931.789	1032.15	-0.004078	-0.005313	45.7515	-0.012813
5.98743	76.5517	81.0622	930.761	1031.88	-0.004078	-0.007813	45.5541	-0.014375
5.98843	76.825	80.8521	930.761	1032.16	-0.004078	-0.002188	45.5541	-0.012188
5.98943	76.5517	80.9255	930.99	1032.42	-0.004078	-0.007188	45.6034	-0.011563
5.99043	76.6884	80.7888	930.99	1032.42	-0.004078	-0.007813	45.3587	-0.012813
5.99143	77.0983	80.9255	931.218	1031.88	-0.004078	-0.007188	45.5541	-0.012188
5.99243	76.9617	80.7888	931.218	1032.42	-0.004078	-0.00625	45.6034	-0.012188
5.99343	75.5953	80.7888	931.218	1032.42	-0.004078	-0.006875	45.5541	-0.012813
5.99443	76.9617	81.0622	931.446	1031.88	-0.008152	-0.005938	45.6528	-0.012188
5.99543	76.825	80.2419	931.903	1031.88	-0.008162	-0.008438	45.7021	-0.010313
5.99643	76.5517	81.1989	930.647	1031.33	-0.004078	-0.007188	45.3587	-0.014063
5.99743	76.6884	81.0622	930.99	1032.01	-0.004078	-0.00625	46.0476	-0.012188
5.99843	76.9617	81.1989	930.99	1031.33	-0.004078	-0.006563	45.7515	-0.012188
5.99943	76.6884	80.7888	930.99	1031.88	0.02038	-0.003125	45.8502	-0.012188
6.00043	76.2785	80.7888	931.218	1031.2	-0.004078	-0.006875	45.6528	-0.011875
6.00143	76.6884	81.1989	930.533	1031.88	-0.004078	-0.005938	45.6541	-0.0125
6.00243	76.4151	80.9255	931.446	1031.33	-0.004078	-0.005938	45.6528	-0.012188
6.00343	76.5517	81.0622	931.332	1031.88	-0.004078	-0.005938	45.7021	-0.011563
6.00443	76.4151	81.0622	931.446	1032.42	-0.004078	-0.00625	45.6528	-0.012188
6.00543	76.2785	81.1989	931.332	1031.06	-0.004078	-0.006563	45.3587	-0.012813
6.00643	75.8885	81.0622	931.104	1031.06	-0.018304	-0.009083	45.3587	-0.012813
6.00743	76.1418	80.7888	931.332	1031.33	-0.004078	-0.005313	45.5047	-0.013438
6.00843	76.5517	81.0622	931.218	1031.33	-0.004078	-0.005825	45.8965	-0.011663
6.00943	76.5517	81.0622	931.332	1031.33	-0.004078	-0.005313	45.5047	-0.012813
6.01043	75.8885	81.0622	931.218	1031.33	-0.004078	-0.00625	45.3587	-0.013125
6.01143	76.5517	80.8521	930.99	1030.51	-0.004078	-0.00625	45.3587	-0.013438
6.01243	76.4151	80.7888	931.218	1031.33	-0.008152	-0.006875	45.3587	-0.01375
6.01343	76.6884	81.0622	931.446	1031.33	-0.004078	-0.00625	45.6528	-0.011875
6.01443	76.9617	80.7888	931.218	1031.33	-0.004078	-0.005938	45.6541	-0.011563
6.01543	75.8885	81.0622						

0	84.0706	80.7888	14.5057	3.8243	39.8598	0.019888	-0.683212	5.21469
0.001	84.0706	81.0622	14.3914	3.41455	39.1424	0.019888	-0.336488	5.21812
0.002	84.0706	81.8091	14.5067	3.14139	38.9223	0.01875	-0.13911	5.21594
0.003	84.0706	81.1989	14.3914	2.59506	40.2103	0.020938	-0.435178	5.2125
0.004	84.3442	81.0622	15.0768	3.68772	40.867	0.023125	-0.336488	5.20656
0.005	84.3442	80.7888	14.5057	3.41455	41.4046	0.020625	-0.484523	5.18656
0.006	84.2074	80.6521	14.5057	2.86823	41.4984	0.02125	-0.484523	5.18906
0.007001	84.8913	80.7888	14.8483	3.14139	41.319	0.022813	-0.632557	5.16781
0.008001	84.0706	80.6521	15.0768	5.59987	40.8064	0.021875	-0.188454	5.21094
0.009001	84.3442	80.9255	14.3914	3.00481	39.7986	0.019063	-0.435178	5.21281
0.010001	83.8339	80.7888	14.5057	2.86823	38.7348	0.019375	-0.435178	5.21562
0.011001	84.0706	80.6521	15.0768	3.55114	38.0745	0.02125	-0.633867	5.21406
0.012001	84.0706	80.6521	14.8483	3.14139	38.8775	0.019888	0.068269	6.20969
0.013001	84.0706	81.3356	14.5057	3.41455	39.4237	0.021563	-0.435178	6.20969
0.014001	84.0706	80.9255	14.5057	3.27797	39.8394	0.020313	-0.435178	5.21219
0.015001	84.6178	80.7888	14.9625	3.8243	39.8068	0.021563	-0.435178	5.21562
0.016001	84.481	80.6521	14.7341	3.14139	39.6804	0.020938	-0.533867	5.21375
0.017001	84.2074	80.2419	14.8483	3.00481	39.2525	0.02125	-0.881901	5.20906
0.018001	84.3442	80.7888	14.2772	3.41455	38.4413	0.020825	-0.385833	5.20906
0.019001	84.0706	81.0622	14.5057	3.86088	39.3218	0.018438	-0.435178	5.21375
0.020001	83.5236	80.7888	14.5057	3.14139	40.2674	0.019888	-0.336488	5.21531
0.021002	84.3442	80.6521	15.7621	4.09747	41.0337	0.019888	-0.287144	5.20594
0.022002	84.481	80.9255	14.5057	3.41455	41.7022	0.022188	-0.435178	5.17375
0.023002	84.2074	80.6521	14.0488	3.68772	41.3924	0.020825	-0.336488	5.16594
0.024002	84.2074	80.9255	14.2772	3.41455	41.535	0.021563	-0.069765	5.18656
0.025002	84.2074	80.7888	14.5057	3.68772	41.6003	0.019888	-0.583212	5.22718
0.026002	84.0706	80.9255	14.5057	3.68772	40.0595	0.024063	-0.435178	5.20969
0.027002	84.2074	80.2419	14.9625	3.55114	38.1424	0.02125	-0.237799	5.21218
0.028002	84.3442	80.7888	14.9625	3.8243	38.9284	0.020313	-0.632557	5.21531
0.029002	84.2074	80.7888	14.2772	3.68772	39.5682	0.019888	-0.435178	5.21694
0.030002	84.6178	81.0622	14.5057	4.37063	39.6804	0.02125	-0.435178	5.21406
0.031002	84.3442	80.9255	14.5057	2.45848	40.2919	0.019888	-0.287144	5.21187
0.032002	84.3442	80.7888	14.8483	3.27797	40.4304	0.018438	-0.435178	5.21375
0.033002	84.3442	80.7888	14.9625	3.14139	39.4196	0.019888	-0.237799	5.21688
0.034002	84.6178	80.7888	14.7341	3.41455	39.3218	0.023438	0.107614	5.21688
0.035003	84.2074	80.2419	14.5057	3.41455	38.8285	0.020938	-0.336488	5.21469
0.036003	84.0706	80.9255	13.9346	3.41455	39.2076	0.021875	-0.435178	5.21125
0.037003	84.0706	80.7888	14.2772	3.55114	40.8543	0.022188	-0.435178	5.21125
0.038003	84.481	81.0622	14.2772	3.41455	41.8408	0.020313	-0.287144	5.20156
0.039003	84.6178	80.2419	14.3914	3.00481	41.7918	0.02125	-0.13911	5.17594
0.040003	83.5236	81.0622	14.2772	2.86823	42.5826	0.021563	-0.533867	5.16656
0.041003	84.3442	81.0622	14.5057	4.50721	42.4522	0.021563	-0.237799	5.16781
0.042003	84.2074	80.7888	14.3914	3.55114	41.8168	0.019375	-0.435178	5.21906
0.043003	84.2074	81.1989	15.0768	3.00481	40.728	0.020625	-0.533867	5.21375
0.044003	84.6178	80.7888	14.5057	2.86823	38.8662	0.020313	-0.533867	5.21344
0.045003	84.3442	80.6521	14.2772	3.55114	39.8272	0.022188	-0.287144	5.20844
0.046003	84.0706	81.1989	14.5057	3.41455	40.2185	0.023438	-0.336488	5.20663
0.047003	84.2074	80.2419	14.2772	3.14139	40.8832	0.02125	-0.435178	5.20687
0.048004	84.3442	80.6521	14.5057	3.14139	40.5283	0.023125	-0.533867	5.21344

0.049004	84.0708	80.7888	14.5057	3.27797	40.3408	0.020313	-0.435178	5.21344
0.050004	84.3442	80.7888	14.5057	3.14139	39.9413	0.022188	-0.435178	5.21219
0.051004	84.0708	80.7888	14.2772	3.27797	38.8978	0.018375	-0.435178	5.20937
0.052004	84.0708	80.7888	14.8483	4.23405	38.3272	0.021583	-0.435178	5.21408
0.053004	84.0708	80.7888	14.5057	3.88772	39.4848	0.021683	-0.435178	5.21094
0.054004	84.0708	80.7888	14.2772	2.04873	40.5772	0.020938	-0.237799	5.20844
0.055004	84.0708	80.9255	14.183	3.00481	41.1888	0.020625	-0.484523	5.17989
0.056004	83.7971	81.0622	14.2772	3.41455	41.8856	0.024083	-0.04042	5.16313
0.057004	83.9339	81.0622	14.2772	3.41455	42.2881	0.020838	-0.287144	5.15781
0.058004	83.9339	81.0622	13.9348	2.88823	41.5921	0.01875	-0.188454	5.21825
0.059004	84.0708	80.9255	14.2772	3.41455	40.8177	0.022813	-0.435178	5.20908
0.060004	84.0708	80.7888	14.5057	3.27797	38.4902	0.018888	-0.435178	5.20844
0.061004	83.8603	80.7888	14.5057	3.41455	38.2973	0.020938	-0.435178	5.21187
0.062005	84.2074	80.7888	14.9625	3.88772	40.2582	0.021875	-0.336488	5.21858
0.063005	84.6178	81.0622	14.5057	4.23405	40.3408	0.019688	-0.287144	5.21219
0.064005	84.0708	80.2419	14.5057	3.14139	40.3815	0.021583	-0.435178	5.20844
0.065005	84.0708	80.7888	14.7341	4.09747	40.8889	0.021875	-0.237799	5.20869
0.066005	83.9339	81.0622	14.0488	1.5024	39.9087	0.018375	-0.632557	5.21094
0.067005	84.0708	81.0622	14.2772	2.88823	39.2891	0.018888	-0.385833	5.21489
0.068005	84.6178	80.7888	14.7341	3.14139	38.8898	0.022188	-0.237799	5.21408
0.069005	84.2074	81.0622	14.3914	3.41455	37.7078	0.020313	-0.435178	5.21031
0.070005	84.0708	81.0622	14.2772	3.88772	38.6044	0.020938	-0.435178	5.21082
0.071005	84.0708	80.6521	14.0488	3.98088	39.9048	0.021583	-0.435178	5.19844
0.072005	84.0708	81.4724	14.3914	2.88823	40.9114	0.0225	-0.435178	5.17719
0.073005	84.0708	81.6091	14.5057	3.41455	41.0908	0.022188	-0.13911	5.15719
0.074005	84.6178	80.6521	14.3914	3.27797	41.3109	0.024083	-0.188454	5.16969
0.075005	84.481	80.6521	14.2772	3.00481	41.2946	0.01875	-0.287144	5.21937
0.076008	84.2074	81.0622	14.5057	2.59506	40.137	0.020313	-0.533887	5.21125
0.077008	83.5236	80.7888	14.2772	2.73164	38.282	0.018888	-0.533887	5.21718
0.078008	84.3442	80.6153	14.183	3.41455	39.6478	0.021875	-0.336488	5.21094
0.079008	84.0708	81.1989	14.0488	2.88823	40.2582	0.018888	-0.13911	5.20908
0.080008	84.3442	80.7888	14.5057	3.41455	40.6179	0.020313	-0.435178	5.21094
0.081008	84.0708	81.0622	14.2772	2.88823	40.5809	0.024688	-0.237799	5.21489
0.082008	84.481	81.0622	14.0488	3.55114	40.5935	0.020625	-0.336488	5.21594
0.083008	83.9339	81.1989	14.0488	3.88772	40.4141	0.021875	-0.237799	5.21158
0.084008	84.2074	81.3356	14.2772	2.73164	39.6193	0.022188	-0.435178	5.21158
0.085008	84.3442	80.7888	14.3914	4.23405	39.0935	0.020938	-0.583212	5.21719
0.086008	84.3442	80.7888	14.2772	3.14139	38.7063	0.018888	-0.336488	5.21808
0.087008	84.3442	80.6521	14.5057	2.88823	39.1859	0.019083	-0.287144	5.21219
0.088008	84.0708	80.7888	14.2772	1.63889	40.518	0.018583	-0.681901	5.18781
0.089008	83.7971	81.6091	14.3914	3.27797	41.6125	0.022188	-0.632557	5.16719
0.090007	84.2074	81.0622	14.2772	3.41455	41.213	0.022813	0.058269	5.15594
0.091007	84.0708	81.0622	13.9348	3.41455	41.3842	0.021583	-0.435178	5.20344
0.092007	84.6178	80.7888	14.5057	3.41455	41.3109	0.023438	-0.336488	5.21989
0.093007	84.0708	81.0622	14.0488	3.98088	39.3707	0.020938	-0.484523	5.21219
0.094007	84.0708	80.9255	14.8483	3.00481	38.3435	0.020938	-0.435178	5.21344
0.095007	84.0708	81.0622	16.0788	3.41455	40.3408	0.02125	-0.731246	5.21219
0.096007	84.0708	81.3356	14.8483	3.14139	40.7321	0.022188	-0.287144	5.20869
0.097007	84.2074	80.6521	14.3914	3.88772	40.8888	0.021583	-0.681901	5.2075

0.098007	84.0706	81.0622	14.0488	2.73164	41.4413	0.019688	-0.237799	5.21125
0.099007	84.3442	81.3366	13.5919	1.63899	41.3683	0.018438	-0.829935	5.20668
0.100007	84.0706	80.8521	13.9346	2.59506	40.8625	0.019688	-0.435178	5.20969
0.101007	84.0706	80.7888	14.0488	3.27797	40.3326	0.023125	-0.13911	5.20844
0.102007	84.0706	80.7888	14.3914	4.23405	39.8315	0.021875	-0.632557	5.20469
0.103007	84.0706	81.0622	14.3914	3.41455	39.4685	0.023438	-0.484523	5.20594
0.104007	84.3442	80.9255	13.9346	3.41455	40.6383	0.020825	-0.237799	5.20469
0.105008	84.3442	80.8521	14.5057	4.09747	41.4884	0.020938	-0.089785	5.18344
0.106008	83.9339	80.7888	14.7341	3.96088	41.8978	0.021563	-0.336488	5.18094
0.107008	83.9339	81.0622	14.5057	4.78038	41.8774	0.020938	-0.435178	5.14906
0.108008	83.25	80.7888	14.5057	3.55114	41.694	0.02125	-0.533867	5.20687
0.109008	84.0706	80.7888	14.9625	3.27797	40.9399	0.022188	-0.237799	5.20719
0.110008	83.9339	81.6091	14.0488	2.3219	39.8109	0.019688	-0.829935	5.20844
0.111008	84.2074	81.0622	13.9346	3.14139	38.8652	0.022188	-0.435178	5.20563
0.112008	83.9339	80.7888	16.0768	3.41455	39.6438	0.02125	-0.13911	5.20219
0.113008	83.5236	80.9255	14.5057	4.23405	40.2633	0.022188	-0.632557	5.20219
0.114008	84.2074	80.8521	14.9625	3.68772	40.675	0.023438	-0.435178	5.20781
0.115008	84.0706	80.9255	14.8483	3.00481	40.6486	0.01875	-0.533867	5.20719
0.116008	84.6178	80.5153	14.7341	3.55114	40.6687	0.02125	-0.683212	5.20563
0.117008	84.0706	81.0622	15.191	3.00481	40.3489	0.020313	-0.435178	5.20437
0.118008	84.0706	81.4724	14.8483	3.41455	39.4644	0.022188	-0.533867	5.20656
0.119009	84.3442	81.0622	14.8483	6.05354	38.7874	0.020938	-0.435178	5.20969
0.120009	84.2074	80.9255	14.8483	2.86823	39.9739	0.021563	-0.435178	5.20666
0.121009	83.7971	80.7888	13.9346	1.91215	40.5809	0.020313	-0.87926	5.19219
0.122009	85.0281	80.7888	14.2772	3.14139	41.156	0.020938	-0.287144	5.17031
0.123009	84.0706	80.5153	15.4194	3.41455	41.8043	0.021563	-0.237799	5.16719
0.124009	83.5236	81.3366	14.9625	3.41455	41.3879	0.020938	-0.435178	5.17094
0.125009	84.3442	80.5153	14.9625	3.14139	41.0337	0.021875	-0.04042	5.21969
0.126009	84.0706	81.0622	15.3052	2.86823	40.3183	0.019375	-0.435178	5.20469
0.127009	84.2074	81.0622	14.8483	3.41455	39.1261	0.021563	-0.237799	5.21187
0.128009	83.7971	80.7888	14.9625	3.41455	38.0949	0.019688	-0.435178	5.21219
0.129009	84.0706	80.7888	15.191	3.96088	38.5066	0.021563	-0.336488	5.21219
0.130009	84.481	80.7888	15.191	4.09747	38.9916	0.022188	-0.435178	5.20719
0.131009	84.3442	80.9255	14.7341	3.27797	39.6071	0.020825	-0.336488	5.2075
0.13201	83.7971	80.7888	15.4194	2.73164	39.9576	0.019688	-0.237799	5.21094
0.13301	84.6178	80.7888	14.5057	3.41455	39.4318	0.019063	-0.435178	5.21406
0.13401	84.2074	80.7888	14.9625	3.55114	39.3289	0.021875	0.058268	5.21489
0.13501	83.5236	80.7888	14.5057	3.68772	38.8163	0.020938	-0.533867	5.21281
0.13601	84.2074	81.3366	14.9625	3.8243	38.2783	0.024688	-0.287144	5.21187
0.13701	84.481	80.8521	14.5057	4.09747	39.7701	0.020938	-0.533867	5.21094
0.13801	84.2074	80.9255	14.3914	3.68772	40.7402	0.020313	-0.435178	6.19219
0.13901	84.2074	80.7888	14.9625	3.41455	41.1641	0.020938	-0.237799	6.17156
0.14001	84.0706	80.7888	14.9625	3.00481	41.4676	0.022188	-0.435178	5.15094
0.14101	83.7971	80.7888	14.7341	4.78038	41.7674	0.019375	-0.237799	5.19656
0.14201	84.2074	80.9255	15.191	3.41455	40.9848	0.020313	-0.287144	5.2225
0.14301	84.3442	80.9255	14.9625	2.59506	40.5935	0.018438	-0.632557	5.21688
0.14401	84.0706	80.5153	14.3914	3.14139	39.8842	0.020313	-0.533867	5.21312
0.14501	84.3442	80.5153	14.9625	4.23405	38.3027	0.02125	0.107614	5.21406
0.146011	84.6178	80.7888	14.5057	3.68772	39.3054	0.020625	-0.633867	5.21469

0.147011	84.2074	80.7888	14.5057	3.14139	39.3054	0.022813	-0.336488	5.21844
0.148011	84.0708	80.9255	14.5057	3.00481	40.2592	0.021875	-0.435178	5.21719
0.149011	83.9339	81.1989	15.191	3.14139	40.2837	0.02	-0.435178	5.21219
0.150011	84.2074	80.2419	15.3052	3.8243	39.4522	0.019688	-0.336488	5.21531
0.151011	84.0708	80.7888	13.8204	3.14139	39.8679	0.018438	-0.336488	5.21937
0.152011	84.0708	80.9255	14.5057	4.50721	39.0405	0.021563	-0.484523	5.21719
0.153011	84.481	80.1052	14.8483	2.86823	38.5065	0.020938	-0.533867	5.21969
0.154011	83.8603	80.7888	15.8763	2.59506	40.6628	0.019375	-0.336488	5.21438
0.155011	84.0708	80.5153	13.9346	2.73164	41.1152	0.020313	-0.533867	5.18719
0.156011	84.3442	80.7888	14.5057	3.14139	41.9388	0.022813	-0.583212	5.18531
0.157011	84.2074	80.9255	14.3914	3.98088	42.3054	0.020938	-0.435178	5.15687
0.158011	83.9339	80.7888	15.191	2.73164	42.3625	0.022188	-0.435178	5.21562
0.159011	84.8913	80.7888	14.6057	3.55114	42.3054	0.019063	-0.435178	5.20989
0.160012	84.3442	80.9255	14.9625	3.14139	41.319	0.021875	-0.237799	5.21219
0.161012	84.0708	80.9255	14.9625	3.88772	39.387	0.021563	-0.484523	5.21219
0.162012	84.0708	80.9255	15.191	3.14139	39.9372	0.020313	-0.632557	5.21031
0.163012	84.0708	81.0622	14.9625	4.64379	39.6804	0.019688	-0.237799	5.20844
0.164012	83.3888	80.7888	14.5057	2.86823	40.5809	0.020938	-0.435178	5.20719
0.165012	84.3442	80.8521	15.5336	3.98088	41.1315	0.020938	-0.336488	5.21187
0.166012	84.3442	80.8521	14.5057	3.88772	40.194	0.021563	-0.435178	5.20781
0.167012	84.3442	81.0622	14.163	3.27797	40.0351	0.0225	0.058269	5.21094
0.168012	84.2074	80.7888	13.5919	3.14139	39.5092	0.021563	-0.188454	5.2075
0.169012	83.7971	80.9255	14.9625	4.09747	38.3883	0.0225	-0.632557	5.20869
0.170012	84.3442	80.7888	14.7341	3.27797	38.9834	0.021875	-0.435178	5.21219
0.171012	84.0708	80.8521	14.9625	3.14139	40.2674	0.019688	-0.13911	5.19969
0.172012	84.3442	80.9255	14.5057	3.14139	40.5772	0.020313	-0.435178	5.17438
0.173012	84.0708	80.8521	14.2772	3.14139	41.8734	0.020938	-0.435178	5.16125
0.174013	83.9339	81.0622	14.2772	3.98088	41.9141	0.022188	-0.287144	5.16887
0.175013	83.9339	80.9255	14.0488	3.14139	41.694	0.019063	-0.435178	5.22062
0.176013	84.0708	80.7888	15.4194	3.14139	41.7348	0.022188	-0.435178	5.20813
0.177013	84.6178	80.2419	13.5919	2.45848	39.0079	0.021563	-0.287144	5.20844
0.178013	84.481	81.0622	14.2772	3.00481	38.7511	0.022188	-0.435178	5.20469
0.179013	84.2074	81.1989	14.5057	2.86823	39.9861	0.021875	-0.484523	5.20656
0.180013	84.481	80.7888	14.5057	2.86823	39.9413	0.019375	-0.484523	5.20887
0.181013	84.0708	80.1052	14.2772	3.14139	40.6913	0.019688	-0.336488	5.20969
0.182013	84.0708	80.9255	14.163	3.14139	40.4794	0.018063	-0.484523	5.20594
0.183013	83.7971	80.7888	14.7341	2.86823	39.9087	0.023125	-0.632557	5.20658
0.184013	83.7971	80.9255	13.7061	2.59506	38.6315	0.021563	-0.484523	5.20937
0.185013	84.6178	81.0622	14.3914	4.23405	38.8815	0.022188	-0.435178	5.21094
0.186013	84.0708	81.0622	14.2772	2.86823	38.2049	0.023125	-0.435178	5.20806
0.187013	84.0708	80.1052	15.6478	3.55114	37.7585	0.020313	-0.435178	5.20656
0.188014	84.6178	81.1989	14.0488	3.00481	39.3177	0.021563	-0.435178	5.18656
0.189014	84.0708	80.7888	13.9346	3.41455	40.406	0.020938	0.158959	5.18989
0.190014	84.0708	80.7888	14.7341	3.68772	40.8543	0.021563	-0.13911	5.15469
0.191014	84.3442	80.7888	14.163	3.00481	41.1193	0.02125	-0.287144	5.20094
0.192014	83.7971	81.0622	14.7341	3.68772	41.4658	0.023125	-0.237799	5.21158
0.193014	83.5236	80.7888	14.5057	3.41455	40.7647	0.021875	-0.435178	5.20969
0.194014	84.3442	80.7888	14.163	3.14139	38.9508	0.019688	-0.435178	5.21594
0.195014	84.3442	81.0622	13.9346	3.14139	38.7348	0.019375	-0.287144	5.21469

0.196014	83.7971	81.4724	14.5057	5.06354	39.9006	0.022813	-0.435178	5.20844
0.197014	84.0706	81.0622	14.5057	3.14139	40.4467	0.020625	-0.435178	5.20844
0.198014	84.2074	80.7888	15.191	2.59506	40.6791	0.018125	-0.435178	5.21594
0.199014	84.3442	80.7888	13.9346	3.55114	40.6913	0.019063	-0.435178	5.21406
0.200014	84.0706	80.9255	14.5057	3.00481	40.5283	0.020938	-0.237799	5.21469
0.201014	84.3442	80.7888	14.3914	3.96088	39.8516	0.021563	-0.583212	5.21125
0.202015	83.5236	80.7888	14.5057	3.00481	39.3054	0.021875	-0.336488	5.21281
0.203016	83.5236	80.7888	14.5057	3.41455	38.7511	0.021875	-0.237799	5.21531
0.204015	84.0706	80.7888	14.5057	3.96088	39.0038	0.021875	-0.287144	5.20344
0.205015	84.2074	81.4724	14.2772	3.14139	40.2674	0.020938	-0.435178	5.17844
0.206015	83.5236	81.0622	14.5057	3.41455	40.6832	0.019688	-0.435178	5.16937
0.207015	84.3442	80.5153	16.4194	3.68772	41.2894	0.021503	-0.287144	5.18156
0.208015	84.3442	80.7888	14.5057	2.59506	41.906	0.019375	-0.287144	5.22281
0.209016	84.0706	80.7888	14.5057	2.59506	41.3027	0.020938	-0.336488	5.21594
0.210016	84.0706	81.0622	14.3914	2.59506	40.2348	0.019063	-0.237799	5.21406
0.211015	84.0706	80.6521	15.6478	3.14139	38.4984	0.021563	0.156969	5.21694
0.212015	84.0706	81.1989	14.9625	3.6243	39.5745	0.024063	-0.237799	5.21406
0.213015	84.3442	80.7888	14.5057	3.68772	40.2919	0.021563	-0.435178	5.21469
0.214015	84.2074	80.7888	14.5057	3.6243	40.7728	0.0225	-0.435178	5.21438
0.215015	84.481	81.0622	14.8483	3.96088	41.425	0.020625	-0.435178	5.21156
0.216016	84.3442	80.2419	14.7341	3.68772	41.319	0.020938	-0.435178	5.21531
0.217016	84.3442	80.7888	14.5057	3.41455	40.887	0.019375	-0.336488	5.21969
0.218016	84.3442	80.2419	14.5057	4.50721	40.7484	0.021875	-0.533867	5.21906
0.219016	84.0706	81.3356	14.5057	3.27797	39.9332	0.019688	-0.435178	5.21656
0.220016	84.2074	81.0622	14.8483	3.55114	38.9957	0.020313	-0.287144	5.21531
0.221016	84.0706	80.6521	14.5057	3.14139	40.031	0.02125	-0.533867	5.19469
0.222016	84.0706	80.7888	14.8483	2.88823	40.9766	0.02125	-0.237799	5.17312
0.223016	83.5236	80.9255	14.2772	3.55114	41.6451	0.02375	-0.287144	5.15406
0.224016	84.0706	81.1989	14.5057	3.96088	41.8488	0.023438	-0.435178	5.18563
0.225016	84.0706	80.7888	14.9625	3.96088	41.6328	0.02375	-0.533867	5.21719
0.226016	84.6178	80.9255	14.8483	3.27797	41.213	0.019688	-0.633867	5.20969
0.227016	83.9339	80.9255	14.5057	3.27797	40.3938	0.021563	-0.435178	5.21187
0.228016	84.2074	80.9255	14.8483	3.6243	39.0627	0.020938	-0.188454	5.21031
0.229016	84.0706	81.0622	14.9625	5.05354	39.1424	0.019688	-0.237799	5.20761
0.230017	84.0706	80.7888	14.2772	2.73164	39.6723	0.020938	-0.089765	5.20531
0.231017	84.0706	80.9255	14.9625	3.00481	40.3489	0.019375	-0.484523	5.21156
0.232017	84.0706	81.0622	14.5057	3.55114	40.5935	0.022188	-0.435178	5.20719
0.233017	83.3868	81.0622	14.5057	3.68772	40.3697	0.022813	0.058269	5.20781
0.234017	84.3442	80.9255	15.3052	3.6243	40.4264	0.021875	-0.435178	5.20531
0.235017	84.0706	80.6521	14.3914	3.68772	39.925	0.019688	-0.533867	5.20781
0.236017	84.0706	80.7888	14.9625	3.14139	38.9468	0.023438	-0.533867	5.20969
0.237017	84.0706	80.9255	15.191	3.41455	38.9304	0.020938	-0.385833	5.20406
0.238017	84.3442	80.7888	15.4194	4.23405	40.1899	0.020625	-0.435178	5.17719
0.239017	83.9339	81.3356	14.8483	3.55114	40.887	0.022188	-0.435178	5.15344
0.240017	84.3442	81.3356	14.5057	4.23405	41.3027	0.022813	-0.484523	5.15344
0.241017	84.6178	81.0622	14.8483	2.88823	41.425	0.020938	-0.435178	5.2175
0.242017	84.2074	81.3356	14.9625	3.27797	41.2375	0.020625	-0.287144	5.20887
0.243017	84.3442	80.5153	14.9625	3.68772	40.622	0.02125	-0.731248	5.20969
0.244018	84.3442	81.0622	14.7341	3.55114	39.8231	0.021563	-0.435178	5.20584

0.245018	84.0706	81.0622	14.5057	3.88772	38.5585	0.021563	-0.188454	5.20906
0.246018	83.5236	80.7888	14.5057	3.8243	37.7525	0.022188	-0.435178	5.20906
0.247018	84.0706	80.7888	14.5057	4.09747	38.8852	0.021875	-0.435178	5.21158
0.248018	84.0706	80.6521	15.4194	3.41455	39.4603	0.019063	-0.435178	5.20894
0.249018	84.2074	80.7888	14.8483	3.98088	39.5622	0.020938	-0.435178	5.20875
0.250018	84.2074	80.9255	15.3052	2.86823	39.6746	0.021663	-0.336488	5.21187
0.251018	84.3442	80.7888	15.191	4.78038	39.6276	0.022188	-0.533867	5.21158
0.252018	84.3442	80.1062	14.9825	3.41455	38.9488	0.022188	-0.435178	5.20844
0.253018	83.7971	80.5153	14.8483	3.00481	38.319	0.02125	-0.484523	5.20806
0.254018	84.0706	80.5153	15.4194	3.00481	39.1261	0.02125	-0.435178	5.18781
0.255018	83.9339	80.7888	14.5057	3.41455	40.1044	0.019688	-0.237799	5.18969
0.256018	84.0706	80.6521	15.0768	2.86823	40.6872	0.02125	-0.13911	5.15188
0.257019	84.3442	80.5153	14.8483	3.68772	41.4739	0.021663	-0.484523	5.19344
0.258019	84.481	80.1052	14.5057	3.55114	41.5554	0.021875	-0.287144	5.21156
0.259019	84.3442	80.5153	15.5336	4.23406	41.2783	0.021563	-0.435178	5.20875
0.260019	84.3442	80.7888	14.5057	3.55114	41.2293	0.021563	-0.435178	5.21281
0.261019	84.2074	80.7888	14.3914	3.96088	40.2755	0.02125	-0.287144	5.20781
0.262019	84.2074	80.7888	14.9625	4.09747	38.7022	0.0225	-0.484523	5.20281
0.263019	84.0706	81.1889	14.9625	3.00481	38.426	0.019688	-0.336488	5.20344
0.264019	84.0706	80.9255	14.5057	3.14139	39.5989	0.019688	-0.533867	5.20781
0.265019	84.0706	81.3356	15.191	3.41455	39.7294	0.020313	-0.632557	5.20969
0.266019	84.2074	80.5153	15.3052	3.41455	40.0473	0.019888	-0.287144	5.20806
0.267019	84.6178	80.2419	14.5057	3.41455	40.1207	0.0225	-0.435178	5.20469
0.268019	84.0706	80.6521	15.0768	3.00481	39.7948	0.023438	-0.435178	5.20531
0.269019	84.3442	81.0622	14.8483	3.55114	38.9549	0.024688	-0.237799	5.21094
0.270019	84.0706	81.0622	14.163	3.88772	38.6696	0.021875	-0.13911	5.19719
0.27102	84.2074	80.7888	14.0488	3.55114	39.387	0.020625	-0.583212	5.17406
0.27202	84.2074	80.7888	14.5057	3.41455	40.7239	0.019063	-0.435178	5.15631
0.27302	84.3442	80.2419	14.9625	4.50721	41.4802	0.020625	-0.188454	5.16406
0.27402	84.2074	80.7888	14.5057	3.68772	42.0853	0.020625	-0.435178	5.22406
0.27502	84.0706	81.1889	14.163	2.73164	42.1994	0.019688	-0.04042	5.21082
0.27602	84.3442	80.6521	14.7341	2.86823	42.1587	0.020938	-0.435178	5.20844
0.27702	83.5236	80.6521	14.2772	3.14139	42.0568	0.020938	-0.435178	5.20937
0.27802	84.0706	80.7888	14.2772	2.86823	40.6913	0.02125	-0.188454	5.21187
0.27902	84.8913	80.9255	14.5057	3.14139	38.6696	0.021563	-0.533867	5.21344
0.28002	84.0706	80.6521	14.5057	3.14139	39.9413	0.020938	-0.287144	5.21219
0.28102	84.0706	80.7888	14.5057	4.09747	40.2674	0.02125	-0.336488	5.21031
0.28202	84.0706	80.7888	14.5057	2.59506	40.5527	0.019375	-0.435178	5.21344
0.28302	84.3442	80.7888	14.3914	3.55114	40.5809	0.019375	-0.533867	5.21688
0.28402	84.0706	81.0622	14.0488	3.41455	40.0065	0.019063	-0.287144	5.21625
0.285021	84.6178	80.9255	14.5057	3.68772	39.9087	0.019375	-0.435178	5.21594
0.286021	83.7971	80.9255	14.5057	3.14139	39.0976	0.021875	-0.13911	5.21344
0.287021	84.0706	81.0622	13.5919	2.59506	38.1805	0.020938	-0.583212	5.19219
0.288021	84.0706	80.6521	14.5057	2.86823	39.0446	0.020938	-0.484523	5.16906
0.289021	84.481	80.5153	14.5057	3.55114	40.6424	0.02125	0.058289	5.15344
0.290021	84.481	81.0622	14.5057	3.68772	40.7973	0.022813	-0.287144	5.18594
0.291021	84.0706	81.3356	14.9625	3.55114	41.531	0.022188	-0.237799	5.21469
0.292021	83.5236	80.7888	14.0488	2.59506	41.9284	0.018125	-0.484523	5.20719
0.293021	84.2074	80.9255	14.5057	3.96088	41.6206	0.020625	-0.435178	5.21156

0.294021	84.0706	81.1989	14.3914	3.68772	41.0174	0.020313	-0.435178	5.21094
0.295021	84.3442	80.7888	14.163	4.50721	38.4413	0.021563	-0.237799	5.20719
0.296021	84.2074	80.7888	13.8204	3.68772	39.0853	0.020313	-0.188454	5.20469
0.297021	84.0706	80.7888	14.8483	3.27797	39.8679	0.020938	-0.435178	5.21156
0.298021	84.0706	80.9255	14.3914	2.04873	40.3652	0.019375	-0.829938	5.20594
0.299022	84.0706	81.4724	14.0488	3.14139	40.5935	0.020938	-0.435178	5.20626
0.300022	84.6178	80.9255	14.0488	3.00481	40.2268	0.0225	0.304993	5.20719
0.301022	84.481	80.8521	14.0488	3.27797	40.1207	0.021563	-0.533867	5.21031
0.302022	83.9339	81.3356	14.3914	3.27797	39.5582	0.021563	-0.435178	5.21406
0.303022	84.6178	80.2419	14.163	3.8243	38.4576	0.020313	-0.237799	5.20906
0.304022	84.2074	80.9255	14.2772	3.14139	37.6057	0.019688	-0.336488	5.17719
0.305022	84.3442	81.0622	13.8204	3.14139	38.7511	0.022188	-0.583212	5.15489
0.306022	83.5236	80.7888	14.5057	3.41455	39.8495	0.022188	-0.435178	5.15344
0.307022	84.3442	80.9255	14.5057	3.55114	40.483	0.019688	-0.435178	5.21656
0.308022	84.0706	80.9255	13.7061	2.58608	41.1274	0.020625	-0.533867	5.20969
0.309022	84.3442	80.8521	12.564	1.91215	41.0826	0.017188	-1.02731	5.20626
0.310022	84.3442	80.7888	14.0488	3.27797	41.1234	0.019688	-0.435178	5.20719
0.311022	84.0706	81.3356	14.5057	3.00481	40.5935	0.020313	-0.04042	5.21094
0.312022	83.7971	81.1989	14.3914	3.14139	38.368	0.020313	-0.188454	5.21094
0.313023	83.5236	80.7888	14.5057	3.55114	39.5826	0.020938	-0.287144	5.21094
0.314023	84.0706	80.7888	14.5057	3.55114	40.194	0.021563	-0.435178	5.20781
0.315023	84.3442	81.0622	14.0488	3.8243	40.2592	0.02125	-0.435178	5.20969
0.316023	84.0706	80.7888	14.2772	3.00481	40.3326	0.022813	-0.731246	5.21219
0.317023	84.6178	80.2419	14.3914	3.55114	40.6261	0.020938	-0.632557	5.21281
0.318023	84.0706	80.7888	14.8483	2.88823	40.3815	0.020938	-0.533867	5.21219
0.319023	84.0706	81.0622	14.2772	2.04873	39.6234	0.019375	-0.13911	5.20969
0.320023	84.2074	80.7888	14.3914	2.04873	38.5662	0.018125	-0.780591	5.19469
0.321023	84.3442	80.8521	14.7341	3.14139	38.5065	0.018438	-0.435178	5.17469
0.322023	84.3442	80.8521	14.2772	3.96088	39.0809	0.022188	0.058269	5.15875
0.323023	84.6178	81.0622	14.5057	3.41455	38.9006	0.021563	-0.435178	5.18844
0.324023	83.9339	80.7888	14.5057	3.14139	41.213	0.022813	-0.435178	5.21844
0.325023	83.7971	81.4724	14.5057	3.96088	41.3924	0.018125	-0.237799	5.21281
0.326023	84.6178	80.8521	14.5057	3.41455	41.3657	0.020938	-0.435178	5.21844
0.327024	84.3442	81.0622	14.5057	3.8243	40.8095	0.02125	-0.435178	5.21344
0.328024	84.2074	80.5153	14.5057	3.27797	39.5883	0.019688	-0.13911	5.20969
0.329024	84.3442	81.0622	14.5057	3.96088	38.425	0.019688	-0.04042	5.20969
0.330024	84.481	80.2419	14.163	3.41455	39.5785	0.019688	-0.435178	5.21719
0.331024	84.3442	80.7888	13.4777	2.04873	40.1606	0.016938	-0.829938	5.21469
0.332024	84.3442	80.5153	14.3914	2.88823	41.0746	0.017813	-0.435178	5.21156
0.333024	84.6178	80.7888	14.3914	3.8243	41.1152	0.021875	-0.04042	5.20969
0.334024	84.0706	81.1989	14.9625	3.55114	41.0785	0.023125	-0.731246	5.21406
0.335024	84.2074	80.7888	14.5057	3.41455	40.8707	0.02375	-0.336488	5.21844
0.336024	84.0706	80.7888	14.5057	3.14139	40.2511	0.022188	-0.435178	5.20906
0.337024	84.0706	81.0622	14.5057	3.55114	39.5296	0.019688	-0.435178	5.17969
0.338024	84.3442	80.8521	14.5057	2.3219	39.1057	0.020625	-0.533867	5.16375
0.339024	84.2074	80.7888	14.2772	3.00481	40.2022	0.019688	-0.336488	5.16219
0.340024	84.0706	80.8521	15.191	4.23405	41.0826	0.019688	-0.484523	5.22281
0.341025	84.0706	81.8091	14.9625	3.41455	41.8614	0.02125	-0.533867	5.21662
0.342025	84.2074	81.0622	14.2772	2.45846	41.8818	0.017813	-0.87928	5.21219

0.343025	84.481	80.2419	14.2772	2.59506	41.5065	0.020938	-0.435178	5.21375
0.344025	84.6178	80.7888	14.3914	2.86823	41.0622	0.019888	0.354337	5.21719
0.345025	84.0708	80.7888	14.183	3.14139	39.9169	0.020313	-0.435178	5.21594
0.346025	83.7971	81.6091	14.5057	3.14139	38.4535	0.024376	-0.435178	5.21344
0.347025	83.5236	80.7888	14.8483	3.98088	39.3707	0.019376	-0.237799	5.21312
0.348025	84.6178	81.0622	14.9625	3.41455	40.031	0.020313	-0.188454	5.21656
0.349025	84.2074	80.7888	14.3914	3.14139	40.137	0.019888	-0.435178	5.21989
0.350025	84.3442	80.7888	14.5057	3.14139	40.5527	0.018438	-0.435178	5.21812
0.351025	84.6178	80.2419	14.7341	4.64379	40.5935	0.022188	-0.484523	5.21656
0.352025	84.0708	81.0622	14.5057	3.00481	40.0717	0.02376	-0.533867	5.21126
0.353025	83.9339	80.9255	14.8483	3.41455	39.7049	0.020625	-0.435178	5.19906
0.354025	84.2074	80.5153	14.9625	3.41455	38.8612	0.021563	-0.435178	5.17531
0.355025	84.3442	80.7888	14.5057	2.86823	39.1832	0.021563	-0.04042	5.15844
0.356025	84.3442	81.0622	14.2772	3.55114	40.2919	0.022813	-0.435178	5.18313
0.357025	84.481	80.7888	15.191	3.68772	40.9522	0.022188	-0.336488	5.22219
0.358025	83.7971	80.9255	14.5057	3.68772	41.3679	0.021563	-0.13911	5.21344
0.359025	84.6178	80.5153	14.3914	3.55114	41.2701	0.019888	-0.435178	5.21781
0.360025	83.6803	80.7888	14.9625	3.8243	41.0704	0.020938	-0.484523	5.21489
0.361025	83.7971	80.7888	14.9625	3.68772	40.5853	0.022813	-0.435178	5.20906
0.362025	84.2074	81.0622	14.5057	3.98088	39.1709	0.022188	-0.533867	5.20969
0.363025	84.0708	80.6521	14.5057	2.59506	38.0419	0.020938	-0.435178	5.21562
0.364025	84.0708	80.7888	15.0768	3.14139	38.2375	0.019888	-0.632557	5.21409
0.365025	84.0708	81.3356	15.0768	3.41455	38.6777	0.0225	-0.533867	5.20906
0.366025	84.2074	81.0622	14.183	3.41455	39.3462	0.02125	-0.188454	5.21094
0.367025	84.0708	81.0622	14.3914	3.14139	39.5785	0.020938	-0.435178	5.21312
0.368025	84.0708	80.7888	15.191	3.98088	39.3829	0.025313	-0.435178	5.21594
0.369025	84.2074	80.7888	14.3914	3.41455	39.5052	0.019888	-0.287144	5.21031
0.370025	84.3442	80.7888	14.8483	4.09747	38.7837	0.023438	-0.533867	5.18531
0.371025	84.2074	80.2419	14.7341	3.41455	38.209	0.024688	-0.435178	5.16187
0.372025	84.3442	80.2419	14.8483	3.55114	39.3054	0.021875	-0.533867	5.15489
0.373025	84.0708	80.7888	14.2772	4.78038	40.1288	0.020938	-0.484523	5.21489
0.374025	84.3442	80.7888	14.9625	2.86823	40.7484	0.020938	-0.435178	5.21344
0.375025	84.0708	80.9255	15.8763	3.14139	41.4902	0.021563	-0.435178	5.21062
0.376025	83.9339	81.6091	14.0488	3.14139	41.319	0.020838	-0.681901	5.20719
0.377025	83.9339	80.7888	14.9625	3.8243	41.319	0.021563	-0.237799	5.21094
0.378025	83.9339	80.7888	14.8483	3.14139	40.838	0.019888	-0.287144	5.21156
0.379025	84.3442	80.7888	15.3052	3.14139	39.8231	0.02125	-0.237799	5.21094
0.380025	84.481	81.0622	14.8483	3.68772	38.694	0.024376	-0.336488	5.20781
0.381025	84.0708	80.7888	14.5057	3.68772	38.6044	0.020938	-0.484523	5.20937
0.382025	83.5236	80.7888	14.9625	3.41455	39.2565	0.020313	-0.435178	5.21219
0.383025	83.7971	81.0622	15.0768	3.8243	39.9984	0.021563	-0.435178	5.21219
0.384025	83.5236	80.6521	14.7341	3.98088	39.9087	0.019376	-0.287144	5.21094
0.385025	84.481	80.7888	14.5057	3.00481	39.9087	0.0225	-0.632557	5.20813
0.386025	84.0708	80.6521	15.191	3.14139	39.8516	0.020938	-0.336488	5.20781
0.387025	84.0708	80.6521	14.5057	2.59506	38.4739	0.020938	-0.681901	5.17844
0.388025	84.0708	80.7888	14.183	3.14139	38.8533	0.021875	-0.287144	5.15969
0.389025	84.0708	80.7888	14.2772	2.86823	39.762	0.022813	-0.435178	5.15719
0.390025	84.0708	80.9255	14.2772	3.27797	40.2674	0.024063	-0.336488	5.21531
0.391025	83.9339	80.6521	14.5057	3.55114	41.8	0.020938	-0.484523	5.20687

0.392028	84.0706	80.5153	14.3914	3.14139	42.3217	0.021563	-0.484523	6.21281
0.393028	84.0706	80.7888	14.5057	3.68772	42.1179	0.022188	-0.089765	6.20781
0.394028	84.0706	80.7888	14.5057	3.55114	41.9427	0.020938	-0.435178	6.20406
0.395028	84.0706	81.1989	14.3914	4.64379	41.5962	0.019688	-0.435178	5.20594
0.396029	84.3442	81.0822	14.0488	3.14139	40.4508	0.019375	-0.336488	5.21219
0.397029	84.3442	81.0822	15.4194	3.55114	38.5188	0.020938	-0.484523	6.21460
0.398029	84.0706	80.9255	14.3914	3.14139	39.9898	0.020938	-0.435178	6.20844
0.399029	84.3442	80.9255	14.5057	3.68772	40.7076	0.022188	0.008924	5.20687
0.400029	83.9339	81.1989	14.183	3.41455	39.8087	0.021875	-0.04042	5.20906
0.401029	83.7971	81.0822	14.183	3.68772	40.3082	0.022188	-0.13911	5.21187
0.402029	84.0706	80.7888	15.0788	3.68772	40.469	0.023125	-0.237799	6.21281
0.403029	84.3442	80.2419	14.5057	3.00481	39.387	0.020825	-0.089765	5.18937
0.404029	83.9339	80.7888	13.8204	3.55114	38.7633	0.020838	-0.237799	5.18969
0.405029	84.0706	80.9255	14.3914	3.14139	38.3588	0.02125	-0.188454	6.16344
0.406029	83.3868	80.7888	14.5057	4.23405	39.2728	0.020313	-0.435178	6.18906
0.407029	84.2074	81.0822	13.7061	2.69606	39.9617	0.018125	-0.583212	5.22084
0.408029	84.2074	80.7888	14.8483	2.69606	41.5228	0.022188	-0.089765	5.20937
0.409029	84.0706	80.6521	14.2772	2.45848	41.2823	0.019375	-0.435178	5.20989
0.41003	84.0706	80.6521	14.3914	2.3219	41.5473	0.020625	0.068269	6.21460
0.41103	83.9339	81.1989	13.9346	2.88823	42.0853	0.020838	-0.435178	6.21156
0.41203	83.6603	80.9255	14.2772	2.88823	40.3408	0.023125	-0.435178	6.21031
0.41303	84.0706	80.9255	14.5057	3.14139	37.9114	0.021875	-0.287144	6.20719
0.41403	83.3868	80.7888	14.7341	3.41455	39.6845	0.019688	-0.287144	5.21438
0.41503	83.5236	80.7888	14.0488	3.41455	40.0881	0.020625	-0.435178	5.21658
0.41603	84.0706	80.7888	14.5057	3.41455	39.8027	0.019688	-0.533867	5.21688
0.41703	83.9339	80.7888	14.5057	3.8243	40.3082	0.022188	-0.435178	5.21187
0.41803	83.5236	81.0822	14.5057	2.88823	40.463	0.021563	-0.287144	6.21156
0.41903	84.0706	80.6521	15.4194	2.45848	39.7701	0.019375	-0.287144	5.21281
0.42003	84.0706	80.7888	13.9346	2.59506	39.1872	0.019688	-0.435178	5.19312
0.42103	84.2074	80.9255	14.5057	3.14139	38.6533	0.022613	-0.04042	5.17094
0.42203	84.0706	80.7888	14.5057	4.09747	37.8383	0.023438	-0.484523	5.15281
0.42303	84.3442	80.2419	14.7341	3.41455	38.1886	0.0225	-0.237799	5.2025
0.424031	83.7971	81.0822	14.0488	3.41455	39.8272	0.021563	-0.237799	5.21908
0.425031	83.7971	81.1989	14.0488	3.55114	40.7565	0.021563	-0.435178	5.21594
0.426031	83.7971	81.0822	14.9625	3.41455	40.9196	0.019063	-0.435178	5.21531
0.427031	84.0706	81.0822	14.0488	3.27797	41.0337	0.020313	-0.435178	5.20969
0.428031	84.0706	81.0822	14.9625	4.91896	40.9644	0.020625	-0.484523	5.2125
0.429031	84.0706	81.0822	14.3914	3.55114	40.2919	0.022188	-0.336488	6.21656
0.430031	84.3442	80.5153	14.5057	2.88823	38.2579	0.02	-0.435178	6.21719
0.431031	84.0706	81.0822	15.191	3.14139	39.3218	0.024083	-0.336488	6.21219
0.432031	83.9339	81.0822	14.8483	2.88823	39.9535	0.020938	0.168959	6.21219
0.433031	83.9339	80.9255	14.5057	3.27797	40.2874	0.020838	-0.533867	5.21562
0.434031	84.3442	80.9255	14.5057	3.41455	40.5809	0.021875	-0.533867	5.21969
0.435031	84.0706	81.1989	14.9625	3.41455	40.5813	0.020313	-0.435178	6.21812
0.436031	84.0706	80.6521	14.5057	3.41455	39.9413	0.020638	-0.533867	5.20781
0.437031	84.3442	80.7888	14.5057	3.41455	39.44	0.023438	-0.533867	5.18344
0.438032	84.481	80.9255	14.5057	3.8243	38.9957	0.020938	-0.533867	6.18781
0.439032	84.2074	81.1989	14.3914	3.55114	38.1805	0.021875	-0.435178	5.18594
0.440032	84.0706	80.9255	14.5057	2.73184	38.9875	0.020625	-0.287144	6.22531

0.441032	84.3442	80.7888	15.4194	3.14139	40.3328	0.019888	-0.533867	5.21408
0.442032	84.3442	80.2419	14.3914	3.14139	40.8299	0.019375	-0.435178	5.21438
0.443032	84.8178	80.9255	14.7341	3.14139	41.1841	0.020825	-0.338488	5.21719
0.444032	84.0706	80.8521	14.5057	3.41455	41.2416	0.019888	-0.089765	5.21781
0.445032	84.2074	80.7888	14.5057	3.68772	40.9766	0.022188	-0.237799	5.21406
0.446032	84.3442	80.7888	14.3914	3.41455	39.4685	0.02375	-0.287144	5.21219
0.447032	84.0706	80.8521	14.5057	2.88823	38.0745	0.022188	-0.338488	5.21856
0.448032	84.3442	80.7888	14.7341	3.41455	39.9817	0.02125	-0.237799	5.21719
0.449032	84.0706	80.7888	14.2772	4.09747	40.0228	0.020313	-0.583212	5.21489
0.450032	84.2074	80.7888	14.5057	5.05354	40.8424	0.020313	-0.435178	5.21219
0.451032	84.0706	80.7888	14.7341	3.41455	41.2579	0.020313	-0.484523	5.21408
0.452033	84.0706	81.0822	14.0488	2.88823	40.9369	0.019063	-0.188454	5.21531
0.453033	84.481	80.7888	14.5057	3.00481	40.6689	0.019888	-0.435178	5.20908
0.454033	83.9339	81.0822	14.5057	3.14139	40.3571	0.020938	-0.04042	5.18126
0.455033	84.0706	80.7888	14.7341	3.00481	39.4522	0.023125	-0.435178	5.15594
0.456033	84.0706	81.0822	14.3914	3.55114	38.8852	0.022813	-0.338488	5.18489
0.457033	84.2074	80.7888	14.7341	3.55114	40.1698	0.022188	-0.435178	5.22469
0.458033	84.2074	80.2419	14.9625	3.88772	41.0378	0.02125	-0.533867	5.21031
0.459033	84.0706	80.7888	14.3914	3.55114	41.4739	0.019888	-0.435178	5.21312
0.460033	84.0706	80.7888	14.5057	3.41455	41.5677	0.020938	-0.338488	5.20813
0.461033	84.8178	80.9255	14.5057	4.09747	41.4902	0.019888	-0.484523	5.21082
0.462033	83.9339	80.8521	14.2772	3.00481	40.9848	0.019375	-0.435178	5.21312
0.463033	83.7971	80.7888	15.4194	3.96088	39.762	0.019888	-0.435178	5.21812
0.464033	84.3442	80.9255	14.5057	3.27797	38.4006	0.021583	-0.287144	5.21031
0.465033	83.3888	80.7888	14.2772	3.14139	39.1709	0.020825	-0.583212	5.20887
0.466034	84.8178	80.7888	14.9625	3.14139	39.819	0.021875	-0.089765	5.21084
0.467034	84.2074	81.0822	14.7341	2.59506	40.137	0.022188	-0.435178	5.21406
0.468034	83.9339	81.0822	14.9625	4.09747	40.512	0.021583	-0.533867	5.21344
0.469034	84.0706	80.9255	15.191	4.23405	40.3489	0.020825	-0.287144	5.20989
0.470034	83.3888	80.7888	14.5057	3.88772	40.1044	0.020825	-0.13911	5.19156
0.471034	84.481	80.2419	14.9625	3.88772	39.6882	0.021875	-0.338488	5.17344
0.472034	84.2074	80.1052	14.8483	4.23405	38.837	0.020838	-0.731246	5.16781
0.473034	84.2074	80.7888	14.5057	2.73164	38.8634	0.020825	-0.237799	5.17594
0.474034	84.0706	80.2419	15.0788	3.14139	40.3082	0.021583	-0.632557	5.21858
0.475034	84.2074	80.7888	15.191	3.88772	40.7973	0.020938	-0.435178	5.20719
0.476034	84.3442	80.9255	14.9625	3.00481	41.1886	0.019888	0.058269	5.21156
0.477034	84.3442	80.1052	14.9625	3.41455	41.2293	0.02125	-0.435178	5.21094
0.478034	84.0706	80.7888	14.5057	3.55114	40.9848	0.022188	-0.13911	5.20719
0.479034	84.2074	81.0822	14.9625	3.41455	40.2837	0.022188	-0.237799	5.20531
0.480035	84.481	80.2419	14.9625	3.27797	39.4033	0.018125	-0.435178	5.20875
0.481035	84.0706	80.9255	14.5057	3.41455	38.0828	0.019063	-0.435178	5.21489
0.482035	84.0706	80.9255	15.0788	3.14139	37.944	0.019063	-0.385833	5.20889
0.483035	83.5236	80.7888	14.5057	4.23405	38.6614	0.021875	-0.435178	5.20844
0.484036	84.2074	81.0822	14.7341	3.41455	38.9304	0.021583	-0.237799	5.20594
0.485035	83.3888	80.7888	14.9625	3.00481	39.6927	0.020313	-0.237799	5.21312
0.486036	84.8178	80.9255	14.7341	2.88823	39.444	0.020938	-0.484523	5.20844
0.487036	84.0706	80.7888	14.8483	2.59506	39.0809	0.021583	-0.435178	5.19344
0.488035	84.2074	80.9255	14.9625	4.09747	38.8101	0.023125	0.156959	5.18937
0.489035	84.2074	81.1889	14.5057	4.09747	38.0828	0.02375	0.748095	5.18156

0.490035	83.9339	80.6521	14.3914	3.41455	38.6656	0.022188	2.5255	5.18469
0.491035	83.9339	80.7888	14.7341	3.55114	40.2228	0.01876	3.48305	5.22219
0.492035	84.0706	80.7888	14.3914	3.14139	40.7973	0.019688	4.89405	5.20813
0.493035	84.0706	80.7888	14.163	4.50721	41.0418	0.018438	5.97963	5.20937
0.494035	84.0706	80.5153	15.3052	3.68772	41.3231	0.020938	6.42374	5.21375
0.495035	83.5236	80.5153	14.9625	4.23405	41.213	0.020938	6.81849	5.21531
0.496035	84.0706	80.5153	14.9625	2.88823	40.6261	0.019688	7.06522	5.21489
0.497035	84.0706	80.9255	14.9625	3.14139	39.8109	0.04125	8.81849	5.20594
0.498035	84.3442	80.9255	14.7341	3.41455	38.8	2.46563	8.76916	4.76887
0.499035	83.9339	81.3356	14.8483	3.8243	38.1886	5.83969	8.07832	4.43531
0.500035	84.0706	80.7888	14.5057	3.14139	39.444	5.12344	5.33815	4.68375
0.501035	84.6178	81.1989	15.191	4.64379	39.8478	5.46562	5.3875	4.56687
0.502035	84.2074	80.7888	14.0488	3.41455	39.709	5.42808	4.89405	4.59469
0.503035	84.2074	80.7888	14.8483	3.00481	40.1329	5.49563	4.59798	4.80156
0.504035	84.3442	81.0622	14.5057	2.88823	39.2158	6.50781	4.4006	4.80219
0.505035	84.2074	80.6521	14.5057	4.23405	38.9957	5.52469	4.69687	4.59375
0.506035	83.5236	81.1989	14.5057	3.14139	38.4413	6.53969	4.69687	4.58989
0.507037	84.0706	80.7888	14.7341	3.00481	38.9101	5.81188	4.89405	4.63719
0.508037	84.0706	80.6521	14.163	1.22924	40.7239	5.65469	4.98274	4.65656
0.509037	83.6603	80.6521	13.8204	2.88823	40.9848	5.87469	5.48619	4.85844
0.510037	83.9339	80.6521	14.5057	3.68772	41.8245	5.70406	6.42374	4.67125
0.511037	83.5236	81.3356	14.5057	3.68772	42.4155	5.72469	6.47308	4.67781
0.512037	84.0706	80.7888	14.2772	4.78038	41.694	5.74969	7.16391	4.68469
0.513037	83.9339	80.7888	14.7341	5.05364	41.8163	5.76719	7.38128	4.89062
0.514037	84.0706	81.0622	14.5057	5.19012	40.4304	5.78969	7.90408	4.89969
0.515037	84.2074	80.9255	14.5057	6.26278	38.4984	5.80781	7.45997	4.70406
0.516037	83.9339	80.7888	15.3052	7.37544	39.4848	5.82781	7.60932	4.71156
0.517037	83.9339	80.7888	14.2772	6.05835	40.0585	5.84469	7.65866	4.71812
0.518037	84.0706	80.7888	14.3914	8.87784	40.0147	5.86469	7.45997	4.72406
0.519037	83.7971	80.7888	14.5057	8.33151	40.1044	5.87906	6.7198	4.72781
0.520037	83.9339	80.7888	14.2772	8.60468	40.2022	5.89437	7.01587	4.73344
0.521038	84.0706	80.7888	14.5057	9.01442	39.1832	5.88438	7.2626	4.71969
0.522038	83.9339	80.7888	14.9625	8.33151	39.1669	5.87969	6.47308	4.70594
0.523038	84.0706	80.7888	15.191	9.58075	38.1842	5.88406	6.67177	4.70406
0.524038	84.0706	80.7888	15.191	9.42417	38.4821	5.95531	6.07832	4.75906
0.525038	83.25	81.3356	15.3052	9.42417	40.2511	5.97219	6.2757	4.76219
0.526038	84.0706	80.6521	15.191	9.42417	40.3734	5.98406	6.52242	4.76844
0.527038	84.3442	81.0622	15.191	10.1071	41.0785	5.99594	6.67177	4.76989
0.528038	84.0706	80.9255	15.7821	8.46809	41.8245	6.00781	6.86784	4.77344
0.529038	84.0706	80.9255	15.9905	8.87784	41.3639	6.02281	7.38128	4.78094
0.530038	84.3442	81.0622	14.7341	7.51202	40.8014	6.03344	7.2626	4.78469
0.531038	84.0706	80.7888	15.6478	8.48809	38.8408	6.06031	8.44687	4.79125
0.532038	84.0706	81.1989	15.8783	9.69733	38.631	6.06168	9.43376	4.79719
0.533038	84.0706	80.9255	16.1047	10.5168	39.6723	6.07375	9.43376	4.80219
0.534038	84.3442	81.1989	16.1047	11.4728	40.1859	6.08969	10.1248	4.80719
0.535039	84.0706	80.7888	16.9042	12.429	40.2022	6.09781	10.47	4.81187
0.536039	84.2074	80.9255	16.6758	12.7021	40.2652	6.10594	11.2595	4.81469
0.537039	83.7971	80.2419	17.9322	13.6582	39.7457	6.10969	11.3089	4.81219
0.538039	84.0706	80.7888	17.0185	14.3411	39.4318	6.09594	11.6049	4.79469

0.539039	83.7971	80.7888	17.5895	15.5704	38.8574	6.08719	11.901	4.78594
0.540039	84.0706	80.7888	17.2469	15.5704	37.618	6.08969	12.1477	4.78594
0.541039	84.0706	81.0622	17.2469	15.8435	38.1397	6.16469	12.0984	4.84094
0.542039	84.2074	80.7888	18.1806	17.8923	39.9413	6.18969	12.5916	4.83719
0.543039	84.0706	80.9255	18.8459	18.1654	39.9739	6.18344	13.1346	4.84719
0.544039	84.0706	80.7888	18.8459	18.302	40.4794	6.19094	13.1346	4.85156
0.545039	84.0706	81.1989	19.7597	20.3507	41.4858	6.20531	13.5294	4.85719
0.546039	84.0706	80.3788	19.5313	20.2142	41.3679	6.20906	13.3813	4.85844
0.547039	83.9339	80.9255	19.9881	20.2142	40.3571	6.21969	13.7761	4.86344
0.548039	84.0706	80.7888	20.9019	20.3507	38.2783	6.23312	13.9735	4.86969
0.54904	84.481	81.3356	21.7014	22.1263	38.9712	6.23969	14.2695	4.87562
0.55004	84.0706	81.0622	21.8156	21.58	39.9495	6.24969	14.4689	4.87812
0.55104	84.6178	80.3788	22.1583	22.2629	40.0654	6.25969	14.911	4.88281
0.55204	83.9339	81.0622	22.3867	21.4434	40.2798	6.26594	14.763	4.88531
0.55304	84.3442	81.0622	22.2725	22.6726	40.4794	6.27969	15.2564	4.89094
0.55404	83.9339	80.9255	24.1	23.7653	40.1859	6.27906	15.9473	4.88969
0.55504	84.481	80.9255	25.0137	25.9506	39.7131	6.28219	15.7005	4.87375
0.55604	84.2074	80.6521	25.5848	26.4969	39.0772	6.24781	15.8979	4.86844
0.55704	84.0706	80.6521	26.9554	27.8628	38.2131	6.25219	16.048	4.86344
0.55804	83.7971	80.7888	27.7549	28.0823	38.8712	6.32644	16.048	4.92156
0.55904	83.9339	80.7888	28.0687	28.5017	40.0595	6.32644	16.2433	4.91687
0.56004	83.5236	80.7888	29.1255	30.4578	40.5201	6.33719	15.9473	4.92281
0.56104	84.0706	80.7888	30.4962	32.6431	41.4372	6.34406	16.2927	4.92594
0.56204	84.0706	80.9255	31.7526	31.5505	41.4739	6.35219	16.342	4.93281
0.563041	84.0706	80.7888	32.2094	31.4139	41.1478	6.35906	15.7499	4.92969
0.564041	84.2074	80.7888	34.3766	33.326	40.0514	6.36969	15.9473	4.93687
0.565041	83.9339	80.6521	35.7502	33.7356	38.3068	6.37969	16.8365	4.94406
0.566041	84.0706	80.5153	37.6777	35.9211	39.4848	6.38844	16.194	4.94906
0.567041	83.9339	81.0622	39.1767	38.1084	39.9372	6.39969	16.6381	4.95281
0.568041	84.2074	80.7888	40.4331	39.0625	40.8625	6.40344	16.6874	4.95719
0.569041	84.3442	80.7888	42.3748	41.1112	41.1437	6.40969	16.8848	4.95969
0.570041	84.3442	80.7888	44.0881	42.4771	40.9166	6.41719	17.1315	4.96375
0.571041	84.0706	80.7888	46.3724	44.5258	40.8625	6.40656	16.9342	4.95375
0.572041	84.3442	80.6521	48.5426	47.384	40.512	6.39083	17.2796	4.93969
0.573041	84.0706	80.6521	51.0554	49.3082	39.8987	6.37594	17.4769	4.92594
0.574041	84.481	80.7888	53.3397	52.311	38.747	6.38812	17.4276	4.93876
0.575041	84.0706	80.9255	55.3956	55.3158	39.762	6.46812	17.5263	4.99344
0.576041	84.0706	81.1989	57.7942	58.6938	40.7565	6.46062	18.2171	4.98876
0.577042	84.0706	80.9255	60.6487	60.7791	41.2783	6.47219	17.9211	4.98594
0.578042	84.0706	80.6521	63.6193	62.9844	41.4576	6.48344	18.2685	4.99969
0.579042	84.0706	80.9255	67.5027	66.4229	41.3679	6.48719	18.2685	5.00469
0.580042	84.0706	81.3356	70.7006	69.3637	40.9685	6.49656	18.4145	5.00906
0.581042	83.7971	81.0622	73.8989	72.3885	40.0921	6.49906	18.6132	5.01031
0.582042	84.0706	80.5153	77.2113	75.3934	38.6288	6.50969	18.9079	5.01844
0.583042	84.2074	80.7888	80.752	79.9006	38.5836	6.51969	19.1053	5.02406
0.584042	84.3442	81.0622	84.407	82.369	38.4277	6.53094	19.3027	5.03219
0.585042	83.9339	80.7888	88.4046	86.1833	38.8924	6.52469	18.9079	5.02856
0.586042	84.0706	80.9255	91.1458	89.7345	40.0717	6.53969	19.4014	5.03469
0.587042	84.3442	80.7888	94.915	93.5588	40.1207	6.54812	20.3389	5.04187

0.588042	84.2074	80.9255	98.1131	97.1099	40.084	6.54094	19.8975	5.03187
0.589042	84.0708	81.0622	101.654	99.705	39.55	6.51281	20.1809	5.00812
0.590042	84.6178	81.0622	103.586	101.344	38.7878	6.49969	20.3883	4.99969
0.591043	83.9339	81.0622	107.022	106.124	38.584	6.51719	20.487	5.01156
0.592043	84.0708	80.2419	109.192	108.856	39.762	6.59158	20.8817	5.06908
0.593043	83.7971	81.6091	110.906	110.086	40.3	6.57531	21.0298	5.05489
0.594043	84.0708	80.7888	113.19	112.953	40.9807	6.58219	21.1778	5.05844
0.595043	84.2074	81.1989	114.68	114.456	40.944	6.58908	21.3752	5.06281
0.596043	84.3442	80.7888	116.845	116.505	40.9277	6.59408	21.5728	5.07031
0.597043	84.0708	80.5153	116.731	116.778	40.6832	6.58489	21.8193	5.06489
0.598043	84.0708	81.3358	118.215	119.238	39.5419	6.59969	22.068	5.06844
0.599043	84.0708	80.9255	119.816	120.329	38.6247	6.60094	22.4114	5.06844
0.600043	84.0708	80.7888	119.472	120.056	37.5894	6.60875	22.4808	5.07219
0.601043	84.2074	81.0622	120.271	121.012	38.2783	6.60969	22.8555	5.07219
0.602043	84.3442	80.7888	120.728	121.148	39.1913	6.61344	22.9542	5.07582
0.603043	84.3442	81.0622	120.614	121.558	39.3482	6.61344	23.2503	5.07344
0.604043	84.2074	80.7888	119.829	122.104	39.2585	6.61156	23.487	5.07094
0.605044	84.0708	80.7888	120.728	122.924	39.4522	6.59094	24.0388	5.05469
0.606044	84.481	80.7888	120.728	123.061	39.0283	6.58856	24.2372	5.03594
0.607044	84.0708	80.7888	121.642	122.104	38.3109	6.54844	24.3862	5.01989
0.608044	84.0708	80.7888	120.842	122.104	38.3843	6.58219	24.7308	5.04908
0.609044	84.0708	80.7888	121.071	122.241	39.9087	6.63781	25.4708	5.08866
0.610044	84.0708	80.7888	121.071	123.334	40.8424	6.62489	24.928	5.07531
0.611044	84.2074	81.0622	121.414	123.334	41.1234	6.63219	25.5695	5.0826
0.612044	84.0708	81.3358	121.87	122.787	41.4372	6.63219	25.8855	5.07808
0.613044	84.2074	80.9255	122.213	123.607	40.9073	6.62908	25.8855	5.07844
0.614044	84.0708	80.7888	123.013	124.973	40.7891	6.63344	26.1618	5.07969
0.615044	84.2074	80.8521	123.489	125.382	40.6709	6.63594	26.6067	5.08219
0.616044	84.0708	80.2419	124.155	126.812	38.9488	6.63694	26.7044	5.07969
0.617044	84.3442	80.7888	125.754	125.792	37.8544	6.63408	27.0982	5.07969
0.618044	84.0708	80.7888	127.81	127.158	39.3218	6.63408	26.9018	5.07937
0.619045	84.0708	80.2419	127.81	128.88	39.3381	6.63594	27.3459	5.07908
0.620045	84.3442	80.7888	128.952	130.436	39.8882	6.63719	27.9874	5.07844
0.621045	84.0708	80.9255	130.323	132.075	39.8557	6.63188	27.9874	5.07281
0.622045	83.7971	80.7888	132.036	133.714	39.5582	6.60187	28.1847	5.04969
0.623045	84.2074	81.0622	133.749	135.353	39.1913	6.58219	28.4808	5.03281
0.624045	83.9339	80.7888	135.577	135.626	38.4739	6.55844	28.7769	5.01594
0.625045	84.0708	80.9255	136.947	138.904	38.5065	6.61344	28.8743	5.05908
0.626045	83.9339	80.2419	137.747	140.27	40.2959	6.63844	29.3197	4.45875
0.627045	84.3442	80.7888	136.605	143.548	40.9033	6.62694	29.4184	0.82875
0.628045	84.481	81.1989	122.67	140.68	41.4658	6.63094	29.8131	0.125312
0.629045	84.2074	81.0622	137.632	135.08	42.3054	6.63094	30.2572	0.083438
0.630045	83.5236	80.7888	142.201	134.67	41.7796	6.62781	30.5533	0.001875
0.631045	84.0708	80.7888	148.826	139.587	42.2321	6.62408	30.8887	-0.000313
0.632046	83.9339	80.7888	153.052	148.738	40.9788	6.62594	31.2835	-0.008875
0.633046	83.9339	80.9255	158.25	160.757	38.6533	6.62656	31.3428	-0.008875
0.634046	83.9339	80.9255	160.704	168.679	39.5745	6.62489	31.5402	-0.008438
0.635046	83.3888	81.0622	167.101	170.318	39.4929	6.62219	31.9349	-0.007813
0.636046	83.6236	81.0622	174.753	173.05	40.0473	6.61781	32.4284	-0.00875

0.637046	84.0706	80.9255	181.835	177.147	40.6342	6.61582	32.7245	-0.010313
0.638046	84.0706	80.7888	188.688	186.844	39.925	6.61219	33.0205	-0.010625
0.639046	84.0706	80.7888	194.741	194.83	39.8435	6.58312	33.4646	-0.010313
0.640046	84.0706	80.6521	200.338	202.278	39.0609	6.55504	33.6127	-0.007813
0.641046	84.3442	80.7888	205.135	206.922	38.2131	6.53312	33.81	-0.009688
0.642046	84.0706	80.6521	210.96	212.522	38.1723	6.59909	34.8463	-0.011875
0.643046	83.25	80.9255	218.042	217.186	40.0717	6.60437	34.7969	-0.012188
0.644046	83.9339	80.7888	223.624	222.629	40.137	6.59969	35.0437	-0.009083
0.645046	84.481	81.0622	228.65	229.048	40.6913	6.59719	35.093	-0.010625
0.646047	84.0706	80.7888	233.804	234.785	41.6461	6.58969	35.5885	-0.011583
0.647047	84.0706	80.9255	238.258	238.472	41.1641	6.58844	36.1786	-0.010313
0.648047	84.3442	80.6521	242.941	244.819	41.2457	6.58489	36.2773	-0.010313
0.649047	83.7971	81.6091	246.939	249.399	39.281	6.58469	37.0668	-0.011563
0.650047	84.0706	80.9255	251.622	253.223	38.0011	6.58156	37.2148	-0.011663
0.651047	83.6803	81.0622	255.734	256.501	39.0406	6.57531	37.7083	-0.009688
0.652047	84.0706	80.7888	260.188	269.916	39.7253	6.57219	38.0537	-0.011583
0.653047	84.2074	80.7888	264.3	265.852	40.0473	6.57813	38.8432	-0.010938
0.654047	84.0706	80.9255	267.612	269.203	39.766	6.57344	38.8458	-0.011563
0.655047	84.0706	80.7888	271.287	273.028	40.0962	6.56219	39.0408	-0.010938
0.656047	84.3442	81.1989	275.836	275.759	39.5745	6.53156	39.4847	-0.011563
0.657047	84.0706	80.9255	279.148	280.13	38.2701	6.50844	39.7808	-0.011563
0.658047	84.0706	80.5153	282.918	285.593	37.8587	6.49937	40.0768	-0.010825
0.659047	84.0706	81.1989	287.715	289.144	37.5242	6.57156	40.6196	-0.011563
0.660048	83.9339	81.0622	292.283	292.013	38.5391	6.56375	40.817	-0.01125
0.661048	84.3442	81.0622	295.938	295.564	39.4929	6.56219	41.2117	-0.013125
0.662048	84.0706	81.0622	300.507	299.115	40.3815	6.56344	41.5076	-0.010938
0.663048	84.0706	80.6521	305.076	305.807	40.6383	6.56469	42.0013	-0.010313
0.664048	83.9339	81.0622	308.817	308.812	40.7932	6.56344	42.2973	-0.012188
0.665048	84.2074	81.0622	313.3	314.002	40.463	6.5575	42.6921	-0.011563
0.666048	84.0706	80.7888	317.754	317.554	39.4848	6.56969	42.9388	-0.010313
0.667048	84.0706	80.7888	321.523	322.607	38.1234	6.66219	43.3829	-0.011563
0.668048	84.3442	81.0622	325.292	327.387	39.1965	6.56375	43.4816	-0.011875
0.669048	84.2074	80.2419	330.432	330.392	39.5745	6.56469	43.7777	-0.010825
0.670048	84.0706	80.9255	335.458	336.309	40.194	6.56969	44.3686	-0.011875
0.671048	84.0706	81.0622	339.798	341.182	40.1533	6.56969	44.8659	-0.011563
0.672048	83.9339	80.9255	344.824	344.324	39.8476	6.54684	45.258	-0.014063
0.673048	84.2074	81.1989	349.849	350.47	39.9821	6.52531	45.4554	-0.008438
0.674049	83.7971	81.0622	353.961	355.523	39.3482	6.50219	45.7515	-0.010938
0.675049	84.0706	80.7888	359.658	361.533	38.0704	6.50719	46.3436	-0.010838
0.676049	84.0706	80.9255	365.84	365.494	37.8218	6.57594	46.6397	-0.012813
0.677049	84.6178	80.7888	370.865	370.001	39.3886	6.56344	46.7384	-0.012188
0.678049	84.0706	80.7888	375.882	375.191	39.8784	6.57219	47.1825	-0.012188
0.679049	84.6178	81.3356	380.916	380.381	40.3448	6.56969	47.5279	-0.0125
0.680049	84.0706	80.9255	385.028	385.571	41.3312	6.57094	48.0707	-0.010938
0.681049	84.481	81.1989	390.054	389.942	40.887	6.56969	48.2187	-0.010313
0.682049	84.0706	80.7888	394.166	396.635	40.483	6.57344	48.4854	-0.011563
0.683049	84.0706	81.0622	398.278	400.322	39.0853	6.57781	48.7121	-0.010625
0.684049	84.2074	80.9255	403.78	403.873	37.8668	6.57406	49.3043	-0.011875
0.685049	84.0706	80.9255	408.215	408.79	39.2321	6.57594	49.5017	-0.012188

0.688049	83.25	81.0622	413.24	413.298	39.9617	6.57989	49.8984	-0.011583
0.687049	84.0708	81.0622	417.923	418.624	40.5813	6.58719	50.2418	-0.013438
0.68805	83.9339	80.9255	422.492	422.585	40.8669	6.58781	50.6859	-0.014888
0.68905	83.7971	80.9255	427.517	428.165	40.3938	6.58908	51.0807	-0.011563
0.69005	84.0708	80.9255	431.172	432.556	40.3734	6.53844	51.0313	-0.011563
0.69105	84.0708	81.0622	437.112	436.38	39.8924	6.61969	51.6728	-0.012813
0.69205	83.25	80.9255	441.909	442.683	38.9631	6.64656	52.0182	-0.012188
0.69305	83.7971	80.9255	446.592	448.126	38.425	6.60582	52.4623	-0.010938
0.69405	84.0708	80.9255	451.96	451.814	39.8882	6.59219	52.6571	-0.011563
0.69505	84.0708	80.7888	458.014	457.004	40.3897	6.59937	53.1038	-0.009375
0.69605	84.0708	81.3358	461.783	462.057	40.8503	6.60281	53.3999	-0.012188
0.69705	83.7971	81.1989	465.895	467.521	41.0337	6.60489	53.7948	-0.010938
0.69805	84.0708	80.8521	471.834	471.891	40.9399	6.60489	54.9374	-0.01126
0.69905	84.0708	81.3358	475.831	476.808	40.3852	6.60594	54.3888	-0.012188
0.70005	84.0708	80.9255	480.058	478.984	39.4114	6.60969	54.8309	-0.010938
0.70105	83.9339	80.9255	483.37	485.003	37.9359	6.61469	55.3737	-0.012188
0.702051	83.9339	81.1989	487.367	488.281	38.372	6.61687	55.5217	-0.011563
0.703051	84.0708	81.0622	491.936	492.788	39.1098	6.61531	56.1138	-0.013438
0.704051	84.0708	81.6091	495.134	496.613	39.5011	6.61908	56.3808	-0.012813
0.705051	84.3442	80.9255	498.789	499.208	39.6641	6.62562	57.1007	-0.014375
0.706051	84.0708	80.7888	501.302	504.671	39.7457	6.61281	57.5942	-0.011875
0.707051	84.0708	81.3358	504.158	508.495	39.6785	6.57906	58.4824	-0.014375
0.708051	84.0708	80.8521	509.297	511.227	39.1179	6.55844	59.3706	-0.013126
0.709051	84.0708	81.0622	512.495	514.085	38.2579	6.58989	60.5055	-0.010313
0.710051	83.9339	80.7888	515.237	516.69	38.0826	6.65062	60.8509	-0.012813
0.711051	84.0708	81.0622	517.749	520.516	39.3218	6.63875	61.8405	-0.01126
0.712051	84.0708	81.6091	520.719	522.973	39.9739	6.63781	61.9385	-0.01126
0.713051	83.5236	80.9255	524.26	526.861	40.4386	6.63969	62.728	-0.011875
0.714051	84.2074	81.1989	527.001	530.895	40.5323	6.64662	63.0714	-0.012188
0.715051	83.5236	81.0622	530.999	533.08	40.4467	6.64562	63.4169	-0.010938
0.716052	84.3442	80.7888	533.74	535.539	40.0473	6.64687	63.6142	-0.012188
0.717052	84.0708	80.9255	535.882	538.27	39.122	6.64969	64.2557	-0.010938
0.718052	84.0708	81.0622	538.194	540.729	37.9807	6.64844	64.3051	-0.010938
0.719052	84.0708	81.0622	541.821	543.187	36.9413	6.64906	64.7492	-0.012813
0.720052	83.9339	80.9255	544.134	546.738	37.9114	6.64812	65.3907	-0.011563
0.721052	84.0708	80.9255	546.532	549.47	36.156	6.64719	65.5387	-0.012813
0.722052	83.7971	81.0622	549.959	551.246	36.4658	6.65084	65.5387	-0.012813
0.723052	84.0708	80.8521	551.788	554.68	39.0936	6.62844	65.9828	-0.01376
0.724052	84.0708	80.7888	554.185	557.119	38.8662	6.69989	66.3282	-0.012813
0.725052	84.2074	80.7888	556.366	559.304	38.1315	6.57469	66.7723	-0.013438
0.726052	84.0708	80.7888	558.982	561.218	37.834	6.60719	67.019	-0.011875
0.727052	84.0708	80.2419	561.838	562.992	37.7892	6.65856	67.4138	-0.010313
0.728052	84.0708	80.7888	564.921	566.679	38.5514	6.63989	67.4831	-0.010938
0.729052	83.9339	80.7888	566.835	569.138	39.6723	6.64344	67.6605	-0.014888
0.730053	84.481	80.9255	571.203	572.689	40.2502	6.63937	68.154	-0.013438
0.731053	84.0708	81.3358	574.63	576.513	40.463	6.63989	69.0422	-0.012188
0.732053	84.3442	80.7888	578.285	580.884	40.5853	6.63531	69.1409	-0.012188
0.733053	84.0708	81.0622	582.854	585.255	40.3122	6.63969	69.733	-0.010938
0.734053	84.0708	81.0622	587.422	588.259	39.762	6.63656	70.1771	-0.010938

0.735053	84.2074	81.1989	591.991	593.586	39.0079	6.63469	70.3745	-0.010313
0.736053	84.0706	80.7888	596.56	598.23	37.3286	6.63281	70.8679	-0.010938
0.737053	84.0706	80.7888	602.499	603.83	37.9848	6.63094	71.4107	-0.011875
0.738053	84.2074	81.0622	608.21	608.883	38.8122	6.62987	71.9535	-0.01125
0.739053	83.5236	81.1989	613.921	614.347	38.6288	6.62281	72.1509	-0.011563
0.740053	84.0706	80.9255	619.175	620.22	39.1506	6.59344	72.695	-0.012613
0.741053	83.9339	81.3356	625.457	626.386	39.1506	6.56969	73.2858	-0.010938
0.742053	84.0706	81.3356	632.081	633.605	38.4658	6.55219	74.2234	-0.012813
0.743053	84.481	80.2419	639.049	640.161	38.1234	6.58344	74.0753	-0.011563
0.744054	83.6603	80.7888	646.359	645.351	37.4142	6.63281	74.8848	-0.010938
0.745054	83.3668	81.0622	652.298	652.59	38.8082	6.60969	75.0622	-0.012188
0.746054	84.0706	80.9255	658.123	659.828	39.762	6.61856	75.753	-0.011563
0.747054	84.2074	81.0622	665.776	666.858	39.9902	6.61781	76.4932	-0.011563
0.748054	84.3442	80.2419	672.971	674.579	41.3435	6.61856	76.8386	-0.014063
0.749054	83.9339	81.0622	680.624	682.501	41.1827	6.61031	77.2334	-0.011563
0.750054	83.9339	81.0622	687.82	689.877	40.7239	6.61094	77.7268	-0.012188
0.751054	84.0706	81.6091	694.559	696.432	40.9114	6.60969	77.7268	-0.014063
0.752054	83.9339	80.7888	703.468	707.086	39.9087	6.61594	78.7137	-0.011563
0.753054	83.25	80.9255	710.778	714.325	37.6261	6.61781	79.3069	-0.012188
0.754054	84.0706	81.0622	717.631	722.929	38.7186	6.61156	79.8486	-0.013438
0.755054	84.0706	80.7888	722.199	730.851	38.8662	6.61156	80.3914	-0.011875
0.756054	84.0706	80.7888	722.885	740.685	39.6723	6.60781	80.8849	-0.013125
0.757055	83.9339	81.0622	721.514	754.343	39.2076	6.59219	81.6251	-0.01125
0.758055	83.9339	81.1989	719.344	769.094	38.9631	6.58469	81.6251	-0.013438
0.759055	83.9339	81.1989	717.631	783.982	39.2076	6.53844	82.2865	-0.011563
0.760055	84.2074	81.1989	719.001	794.225	37.7861	6.56719	82.76	-0.012613
0.761055	84.0706	80.7888	720.829	802.967	37.3123	6.62156	83.2534	-0.012613
0.762055	84.0706	81.0622	721.057	810.342	38.1152	6.60887	83.5002	-0.014063
0.763055	84.6178	81.0622	723.342	819.766	38.4739	6.61406	84.339	-0.012188
0.764055	84.3442	80.9255	726.54	827.415	39.5826	6.60969	85.622	-0.012613
0.765055	84.2074	81.7458	730.537	835.2	40.5935	6.60844	85.5233	-0.011875
0.766055	84.0706	81.1989	737.39	843.395	40.1533	6.61469	85.918	-0.011875
0.767055	84.0706	81.3356	743.215	851.043	40.7443	6.61531	86.1648	-0.013125
0.768055	83.3888	81.0622	746.67	857.326	40.7524	6.61344	86.9543	-0.010938
0.769055	84.2074	80.7888	750.982	863.609	38.2131	6.61344	87.349	-0.01125
0.770055	84.0706	81.0622	754.18	868.253	37.3449	6.61469	87.7931	-0.012613
0.771055	83.6603	81.0622	757.378	871.121	38.8662	6.61781	88.1879	-0.012613
0.772055	84.2074	81.3356	761.49	873.306	38.6614	6.61969	88.5827	-0.01125
0.773055	84.6178	80.7888	762.961	874.536	39.1139	6.61219	88.78	-0.01625
0.774055	83.9339	81.1989	766.859	879.043	39.6275	6.59906	89.2735	-0.013438
0.775055	84.2074	80.5163	770.171	883.55	39.175	6.57344	90.3591	-0.012613
0.776055	84.2074	80.6621	772.227	886.008	38.6044	6.55594	90.3097	-0.0125
0.777055	83.5236	81.0622	774.511	890.106	38.2457	6.57813	90.9512	-0.010938
0.778055	83.9339	80.7888	776.339	894.477	37.4101	6.63469	91.3953	-0.010313
0.779055	84.0706	80.7888	778.166	898.028	36.5174	6.61844	91.6914	-0.013125
0.780055	84.0706	81.1989	779.537	902.398	37.7076	6.62656	92.4315	-0.012188
0.781055	83.9339	81.3356	780.793	905.13	38.8897	6.62844	92.4315	-0.013438
0.782055	83.7971	80.7888	781.478	909.774	39.3707	6.62281	93.0237	-0.012613
0.783055	84.0706	81.1989	781.821	911.959	40.1482	6.62219	93.7639	-0.011563

0.784058	83.6803	80.9255	780.907	913.325	40.2185	6.62219	93.4878	-0.014888
0.785057	84.2074	80.2419	781.138	919.335	40.0717	6.63158	94.6027	-0.012813
0.786057	84.6178	80.7888	781.935	923.159	39.3289	6.63219	95.2935	-0.010313
0.787057	83.6803	81.7458	782.508	926.891	37.2878	6.62969	96.0962	-0.012813
0.788057	84.0706	81.0622	782.963	929.715	38.2783	6.63344	95.5403	-0.011875
0.789057	84.3442	80.7888	782.392	933.129	39.1587	6.63375	95.787	-0.012188
0.790057	84.0706	80.9255	783.877	936.88	39.387	6.63844	96.1817	-0.010313
0.791057	84.0706	81.3358	783.42	939.822	39.8071	6.62408	96.3791	-0.012188
0.792057	83.7971	81.1989	784.22	943.373	39.4522	6.68969	96.6268	-0.013125
0.793057	84.3442	80.2419	784.791	947.197	39.1587	6.57158	97.0208	-0.012813
0.794057	84.3442	80.9255	784.791	949.248	38.8652	6.58158	97.4154	-0.011563
0.795057	83.6238	81.0622	785.704	952.114	38.1601	6.65344	97.4154	-0.010313
0.796057	84.2074	80.5163	785.019	954.846	37.4916	6.63408	97.8596	-0.01375
0.797057	84.6178	80.9255	785.248	959.626	37.8218	6.63969	98.5503	-0.011563
0.798057	83.9339	80.7888	785.248	963.041	38.8449	6.63969	98.6009	-0.015313
0.799058	84.3442	81.0622	785.933	965.773	39.6967	6.64344	98.8464	-0.012813
0.800058	83.7971	81.3358	786.476	969.597	40.2144	6.64594	99.2411	-0.01125
0.801058	84.0706	81.1989	786.704	972.875	40.3	6.64219	99.5372	-0.01125
0.802058	84.0706	80.9255	786.181	976.153	40.1859	6.64219	99.8333	-0.012188
0.803058	84.2074	80.9255	785.704	978.611	39.4807	6.64375	100.179	-0.012188
0.804058	84.3442	81.0622	786.278	982.572	37.406	6.64937	100.425	-0.01125
0.805058	84.2074	80.9255	785.476	985.167	37.9033	6.64858	100.82	-0.010838
0.806058	84.2074	80.9255	784.582	987.899	38.9304	6.64344	100.919	-0.012813
0.807058	83.9339	80.7888	783.192	990.221	39.4155	6.64875	101.482	-0.015313
0.808058	84.0706	80.9255	782.508	994.456	39.815	6.64531	102.054	-0.011875
0.809058	83.7971	81.1989	780.807	997.46	40.0862	6.61281	102.202	-0.011563
0.810058	84.0706	81.1989	780.907	1000.46	38.788	6.59489	102.399	-0.01125
0.811058	84.0706	81.0622	779.537	1002.38	39.2728	6.57437	102.498	-0.012188
0.812058	83.9339	81.0622	779.786	1005.93	39.0283	6.65125	102.498	-0.012813
0.813059	83.7971	80.6521	780.45	1009.21	37.9807	6.65594	102.942	-0.010938
0.814059	84.0706	81.0622	781.138	1011.39	37.8421	6.65344	102.893	-0.012188
0.815059	84.0706	81.1989	781.583	1014.4	39.1506	6.64808	102.991	-0.014376
0.816059	84.6178	81.1989	782.963	1016.44	39.6397	6.65438	103.139	-0.012813
0.817059	84.0706	81.3358	784.877	1019.04	40.0677	6.65219	103.386	-0.010313
0.818059	83.5236	81.0622	783.877	1020.95	40.2633	6.65094	103.485	-0.012188
0.819059	84.0706	81.3358	784.334	1022.59	40.0147	6.65082	103.682	-0.010825
0.820059	83.3868	81.1989	783.877	1025.32	39.3544	6.64844	103.634	-0.012188
0.821059	84.3442	80.6521	781.707	1027.51	38.4658	6.64844	103.781	-0.011563
0.822059	84.0706	81.3358	779.537	1029.28	36.8231	6.64489	103.978	-0.012188
0.823059	84.0706	81.3358	777.709	1031.33	37.5609	6.64344	103.929	-0.012188
0.824059	84.0706	81.0622	775.425	1033.11	38.3027	6.63937	103.731	-0.011563
0.825059	83.7971	81.1989	772.227	1035.29	38.6859	6.63489	103.88	-0.010938
0.826059	83.9339	81.3358	789.029	1038.98	38.7103	6.61469	103.929	-0.010313
0.82708	84.2074	81.3358	786.744	1039.26	38.7144	6.58812	103.978	-0.011563
0.82808	84.2074	81.1989	784.917	1043.36	38.6858	6.58489	104.077	-0.009063
0.82908	84.0706	81.0622	781.49	1044.99	38.1152	6.60437	104.178	-0.0125
0.83008	84.0706	81.0622	758.749	1047.86	37.4306	6.63719	104.521	-0.012188
0.83108	83.7971	81.3358	757.15	1051.96	37.0382	6.63158	104.178	-0.011563
0.83208	84.0706	81.3358	753.723	1053.19	38.1397	6.63844	104.472	-0.012188

0.83306	84.0706	81.1989	751.326	1068.33	38.7837	6.83219	104.788	-0.012813
0.83408	83.5236	81.0622	748.127	1068.65	39.3625	6.62656	105.014	-0.012188
0.83506	84.481	80.8521	745.043	1060.83	39.3707	6.62719	104.817	-0.012813
0.83608	83.7971	81.3356	741.846	1063.02	39.4277	6.62969	105.113	-0.011563
0.83706	84.481	80.7888	741.045	1065.07	39.1281	6.63219	106.261	-0.011563
0.83806	84.3442	81.0622	739.56	1066.3	38.1478	6.62719	105.557	-0.011563
0.83906	83.9339	81.3356	740.246	1068.48	37.3449	6.62219	105.607	-0.010313
0.84006	83.7971	81.6091	738.076	1069.71	36.4359	6.62281	105.656	-0.014375
0.84106	84.2074	81.3356	738.076	1071.36	36.0636	6.62844	106.051	-0.011875
0.84206	84.6178	81.3356	737.981	1072.58	36.9676	6.62969	106.755	-0.011875
0.84306	84.3442	80.9255	737.276	1074.08	37.7728	6.61437	106.952	-0.01375
0.84406	83.9339	81.0622	737.276	1075.04	37.5527	6.68562	106.149	-0.013438
0.84506	84.2074	81.0622	736.591	1074.9	37.6017	6.55969	105.853	-0.012188
0.84606	84.2074	81.0622	736.134	1075.99	37.7525	6.56344	106.051	-0.010313
0.84706	84.2074	81.1989	735.449	1076.95	36.9739	6.63719	106.149	-0.012813
0.84806	84.3442	81.0622	734.535	1077.63	36.4277	6.61719	105.952	-0.013125
0.84906	84.2074	80.2419	733.964	1076.4	37.0718	6.62094	106.903	-0.013125
0.85006	84.0706	80.7888	734.535	1078.04	37.9522	6.62887	106.001	-0.009688
0.85106	83.7971	81.0622	733.621	1077.09	38.8859	6.62437	105.755	-0.012813
0.85206	84.0706	80.9255	733.621	1077.63	39.0568	6.62219	106.149	-0.012813
0.85306	84.0706	81.3356	733.393	1078.86	39.497	6.61906	105.755	-0.011875
0.85406	83.9339	81.0622	733.279	1079.41	39.2198	6.62281	105.952	-0.011563
0.85506	83.6236	81.3356	733.279	1080.23	39.2484	6.62469	105.853	-0.013125
0.85606	84.2074	81.0622	734.878	1080.23	38.894	6.62719	106.853	-0.013125
0.85706	83.5236	81.0622	735.334	1082.28	37.3652	6.62344	105.903	-0.012188
0.85806	83.6339	81.1989	735.449	1082.96	36.819	6.61781	106.061	-0.012188
0.85906	83.3888	81.1989	737.162	1084.87	36.5582	6.62219	106.297	-0.011875
0.86006	83.3888	81.1989	736.19	1085.42	36.9984	6.62437	106.347	-0.012188
0.86106	84.0706	81.1989	740.246	1087.8	37.8544	6.60625	106.347	-0.010313
0.86206	83.7971	81.1989	741.616	1089.79	38.1642	6.57344	106.396	-0.01375
0.86306	83.7971	81.3356	744.129	1091.97	37.7158	6.55562	106.89	-0.011875
0.86406	84.3442	81.3356	746.185	1094.71	37.2226	6.59656	106.742	-0.012613
0.86506	84.0706	81.6091	748.469	1096.89	37.3	6.64219	106.643	-0.012613
0.86606	84.0706	81.6091	750.982	1099.49	35.8693	6.63094	106.692	-0.012613
0.86706	84.0706	81.0622	754.296	1103.04	37.194	6.62969	106.84	-0.011875
0.86806	84.0706	81.3356	757.15	1105.36	36.5228	6.63062	107.038	-0.010313
0.86906	84.3442	81.3356	760.12	1108.64	38.7633	6.63188	107.038	-0.012613
0.87006	83.6236	81.0622	764.232	1113.14	39.8068	6.63469	107.531	-0.010313
0.87106	84.3442	80.8521	767.087	1116.29	39.3584	6.63344	107.728	-0.012613
0.87206	84.3442	81.3356	770.171	1118.74	39.8109	6.63156	107.728	-0.011875
0.87306	84.0706	81.3356	774.74	1123.66	39.8802	6.63406	107.728	-0.012613
0.87406	83.9339	81.0622	777.938	1127.21	38.5147	6.64156	108.518	-0.012613
0.87506	84.0706	80.9255	782.049	1131.31	37.3852	6.64219	108.37	-0.011875
0.87606	84.0706	81.0622	785.933	1135.95	36.5011	6.63812	108.518	-0.012188
0.87706	84.3442	80.5153	787.989	1138.96	37.247	6.63562	109.11	-0.011563
0.87806	84.0706	81.0622	792.101	1143.19	38.1805	6.62594	108.814	-0.011875
0.87906	84.0706	81.1989	795.768	1147.15	37.8014	6.60666	108.814	-0.012188
0.88006	84.0706	81.1989	799.182	1149.34	37.6672	6.58312	109.209	-0.010838
0.88106	84.0706	80.5153	802.609	1154.12	36.2742	6.58989	109.604	-0.011563

0.882084	84.0706	81.8826	805.807	1158.99	38.8397	8.64858	109.406	-0.0125
0.883084	84.0706	81.0622	810.261	1160.27	38.1587	8.64344	109.604	-0.00875
0.884084	83.9339	81.1989	812.66	1162.86	38.1057	8.65219	109.801	-0.012813
0.885084	84.8178	81.1989	815.515	1168.14	38.2443	8.64594	110.097	-0.010625
0.886084	84.0706	81.3358	818.485	1169.55	37.3852	8.64281	110.59	-0.010625
0.887084	83.5236	81.3358	821.34	1172.58	38.2783	8.64437	110.64	-0.012188
0.888084	83.5236	81.1989	824.853	1174.2	38.3109	8.64844	110.788	-0.011875
0.889084	84.8178	81.3358	828.823	1178.11	38.9967	8.65094	110.985	-0.011583
0.890084	84.0706	81.1989	829.336	1178.02	38.8408	8.64719	111.183	-0.012813
0.891084	84.2074	81.8091	831.277	1181.3	38.8328	8.64594	111.133	-0.010625
0.892084	83.7971	81.8091	834.59	1184.3	37.1574	8.63937	111.38	-0.010938
0.893084	83.7971	81.1989	838.874	1185.81	35.7186	8.64844	111.479	-0.011583
0.894084	83.7971	81.3358	840.072	1187.68	37.0392	8.64844	111.676	-0.010625
0.895084	83.5236	81.1989	842.899	1190.31	37.0065	8.64219	112.021	-0.012188
0.896085	84.481	81.3358	846.24	1192.23	37.4794	8.62489	112.465	-0.014083
0.897085	84.0706	81.3358	849.438	1195.84	37.9196	8.60406	112.465	-0.013125
0.898085	84.2074	81.3358	852.885	1198.87	37.5181	8.59858	112.416	-0.011875
0.899085	83.9339	81.3358	856.063	1199.19	37.3082	8.60281	112.811	-0.010625
0.900085	84.0706	81.8091	858.347	1201.85	36.8517	8.65812	112.859	-0.010938
0.901085	84.2074	81.3358	861.088	1203.84	36.493	8.64858	113.354	-0.011583
0.902085	84.3442	81.4724	862.918	1206.57	35.3109	8.65937	113.847	-0.012813
0.903085	83.9339	81.3358	864.872	1209.71	34.9889	8.65844	113.748	-0.012813
0.904085	83.7971	81.0622	868.114	1211.07	36.7946	8.64969	114.291	-0.011583
0.905085	84.2074	81.1989	868.284	1214.49	37.6446	8.64719	114.888	-0.010938
0.906085	84.0706	81.3358	868.827	1216.87	38.2131	8.65344	115.031	-0.014375
0.907085	83.5236	81.3358	869.312	1217.9	38.4662	8.65531	115.625	-0.012813
0.908085	84.0706	81.8091	870.683	1222	38.3557	8.66812	116.018	-0.011583
0.909085	83.7971	81.1989	871.139	1222.82	38.6044	8.65344	116.216	-0.012813
0.910085	84.0706	80.7888	872.167	1226.92	37.4284	8.65812	116.216	-0.012188
0.911085	83.7971	81.0622	873.195	1228.56	36.5188	8.6525	116.413	-0.010625
0.912085	84.0706	81.1989	873.766	1229.92	36.9658	8.65406	116.958	-0.010313
0.913085	83.6603	81.1989	874.68	1231.83	37.5446	8.64531	116.907	-0.011875
0.914085	84.3442	81.3358	875.937	1234.98	37.5935	8.61844	117.005	-0.013125
0.915085	84.0706	81.3358	876.822	1235.11	37.8788	8.59858	117.203	-0.013438
0.916085	83.7971	81.8826	877.079	1237.16	37.8544	8.68094	117.203	-0.011875
0.917085	84.0706	81.3358	877.079	1239.21	37.5809	8.63219	117.499	-0.010938
0.918085	84.0706	81.3358	878.678	1241.12	37.4631	8.65281	117.943	-0.01125
0.919085	84.0706	81.3358	880.183	1243.58	36.603	8.6425	117.844	-0.010838
0.920085	84.0706	81.1989	881.078	1245.49	36.0772	8.64889	118.288	-0.012813
0.921085	84.0706	81.1989	880.734	1248.22	36.2158	8.65219	118.14	-0.013438
0.922085	84.0706	81.8091	880.391	1249.32	38.7538	8.64219	118.387	-0.013438
0.923085	84.2074	81.0622	879.82	1250.98	37.6587	8.63844	118.683	-0.010938
0.924087	83.9339	81.3358	880.277	1252.6	38.4169	8.63887	118.782	-0.014063
0.925087	84.0706	80.8621	879.706	1258.15	38.4372	8.64375	118.979	-0.013125
0.926087	84.0706	81.3358	880.183	1257.1	38.7593	8.64344	119.178	-0.010313
0.927087	84.0706	81.3358	880.82	1259.15	37.9114	8.64219	119.374	-0.009063
0.928087	84.6178	81.3358	880.048	1260.11	37.0392	8.63594	119.324	-0.012813
0.929087	83.9339	80.9255	880.734	1262.57	35.4739	8.63812	119.522	-0.012813
0.930087	84.0706	81.7458	880.605	1264.34	36.6723	8.64313	119.988	-0.012813

0.931067	84.2074	81.8091	879.82	1266.26	37.3938	6.63844	119.818	-0.011876
0.932067	84.2074	81.3358	880.277	1268.17	37.8136	6.60844	120.114	-0.010626
0.933067	83.7971	81.8091	879.363	1271.17	38.0622	6.67969	120.114	-0.012188
0.934067	84.0706	81.1989	879.708	1271.72	38.1071	6.68408	120.311	-0.012813
0.935067	83.9339	81.1989	879.136	1274.72	37.9033	6.62969	120.755	-0.011875
0.936067	84.0706	81.3358	878.678	1276.09	37.6832	6.64531	120.953	-0.01125
0.937067	83.9339	81.8091	877.538	1278.14	37.2348	6.63158	121.348	-0.012813
0.938068	83.7971	81.4724	877.079	1280.46	36.3138	6.63594	121.446	-0.013438
0.939068	84.0706	81.1989	876.708	1281.56	36.0446	6.63719	121.742	-0.014063
0.940068	84.0706	81.3358	874.223	1283.05	37.2022	6.64219	122.334	-0.011563
0.941068	84.0706	81.3358	873.424	1285.37	37.7647	6.6375	122.334	-0.010938
0.942068	84.0706	81.1989	873.31	1286.06	38.2253	6.63062	122.334	-0.012813
0.943068	84.0706	81.3358	872.967	1288.24	38.372	6.63469	122.433	-0.013438
0.944068	84.0706	81.8091	873.881	1289.2	38.2864	6.63344	122.828	-0.010938
0.945068	84.0706	81.7458	874.338	1290.97	37.8381	6.64125	122.976	-0.012188
0.946068	84.0706	81.3358	875.594	1292.48	36.9413	6.63469	122.482	-0.013125
0.947068	84.6178	80.9255	876.622	1294.94	35.8571	6.63219	122.828	-0.013438
0.948068	84.0706	81.3358	878.221	1296.44	35.3598	6.63094	122.729	-0.010313
0.949068	83.5236	81.3358	878.908	1297.26	35.9916	6.62906	122.631	-0.011563
0.950068	83.25	81.4724	878.908	1297.38	36.6315	6.60281	122.334	-0.012813
0.951068	84.0706	81.3358	878.221	1299.58	36.819	6.57656	123.025	-0.010938
0.952069	84.2074	81.3358	877.878	1301.9	36.9087	6.55969	123.321	-0.011875
0.953069	84.0706	81.4724	875.251	1304.5	36.7538	6.62406	123.371	-0.010938
0.954069	84.0706	80.9255	873.766	1306.59	36.6801	6.64281	123.321	-0.013125
0.955069	84.2074	81.3358	871.368	1307.77	36.3503	6.63469	123.617	-0.012813
0.956069	84.0706	81.3358	868.741	1308.32	36.4413	6.63344	123.913	-0.011563
0.957069	84.0706	81.3358	866.114	1311.05	36.2416	6.63344	123.913	-0.012813
0.958069	84.3442	81.3358	864.172	1311.6	36.1689	6.63844	124.308	-0.01125
0.959069	84.481	81.8091	862.23	1313.78	36.8761	6.63969	124.506	-0.011563
0.960069	84.3442	81.3358	860.88	1314.88	37.3245	6.63694	124.703	-0.009375
0.961069	84.0706	81.8091	860.631	1315.01	37.4712	6.63094	124.506	-0.015313
0.962069	84.0706	81.3358	859.489	1316.79	37.512	6.63375	124.703	-0.012813
0.963069	84.0706	82.0193	858.347	1318.02	38.7946	6.63719	125.493	-0.012813
0.964069	83.9339	81.3358	856.978	1319.52	36.819	6.64281	125.048	-0.010626
0.965069	83.7971	81.8826	855.606	1321.43	35.9957	6.64187	125.198	-0.012188
0.96607	84.3442	80.5153	854.007	1321.98	34.6936	6.63594	125.198	-0.013125
0.96707	83.9339	81.8091	852.293	1323.07	34.353	6.63344	125.443	-0.012813
0.96807	84.0706	81.4724	851.037	1323.62	34.8055	6.61406	125.394	-0.012813
0.96907	84.0706	81.3358	850.123	1325.67	35.0908	6.58844	125.69	-0.010938
0.97007	84.3442	81.1989	848.524	1326.08	35.6778	6.55969	125.789	-0.011563
0.97107	84.0706	81.8826	847.811	1326.35	35.9388	6.61188	125.887	-0.011875
0.97207	84.3442	81.8091	846.354	1326.06	35.5636	6.64094	125.591	-0.012813
0.97307	84.0706	81.1989	846.468	1327.44	35.6207	6.63937	126.233	-0.012188
0.97407	84.0706	81.3358	845.783	1328.13	36.2049	6.64156	126.43	-0.011563
0.97507	83.6236	81.8091	844.184	1328.53	34.1492	6.63469	126.233	-0.012188
0.97607	84.0706	81.8826	843.727	1329.35	36.4413	6.64219	126.085	-0.011563
0.97707	84.0706	81.3358	842.357	1329.63	36.2321	6.63844	126.085	-0.014063
0.97807	83.9339	81.1989	840.986	1329.35	36.4767	6.64437	126.282	-0.010938
0.97907	84.0706	81.3358	839.958	1329.35	37.5809	6.63844	126.035	-0.012813

0.980071	84.2074	81.3356	839.273	1328.53	37.1698	6.63844	126.035	-0.011563
0.981071	83.9339	80.7888	838.702	1328.53	37.2511	6.63844	126.035	-0.011563
0.982071	84.0706	81.4724	837.788	1328.63	37.6832	6.64666	125.789	-0.009063
0.983071	84.0706	81.3356	836.646	1327.99	36.3825	6.64313	125.295	-0.014093
0.984071	83.5236	81.4724	835.96	1328.26	35.959	6.63969	125.789	-0.011875
0.985071	84.3442	81.8826	836.189	1329.08	35.1234	6.64344	126.183	-0.011563
0.986071	84.0706	81.6091	836.189	1328.4	34.3653	6.63469	125.789	-0.012188
0.987071	84.0706	81.4724	836.417	1328.53	35.3435	6.61219	126.134	-0.013438
0.988071	84.0706	81.3356	836.76	1329.35	35.7348	6.58156	125.986	-0.012188
0.989071	83.7971	81.6091	836.417	1329.49	35.5392	6.58156	126.065	-0.012188
0.990071	83.9339	81.4724	836.646	1330.04	35.9672	6.65281	126.282	-0.01125
0.991071	84.0706	81.1989	836.531	1329.9	35.7674	6.63969	126.627	-0.012813
0.992071	84.0706	81.4724	837.788	1330.17	34.9441	6.65031	126.776	-0.012188
0.993072	83.9339	81.8826	837.788	1330.45	34.6466	6.64469	126.629	-0.012813
0.994072	84.0706	81.3356	837.874	1329.63	34.3653	6.63969	126.183	-0.012813
0.995072	84.0706	81.6091	839.387	1331.13	34.9848	6.63969	126.726	-0.015
0.996072	83.9339	81.4724	841.443	1331.81	35.969	6.64656	126.677	-0.012188
0.997072	84.3442	81.8091	842.613	1332.91	36.6152	6.64906	126.479	-0.012813
0.998072	83.7971	81.4724	846.655	1334.27	37.2348	6.64666	126.282	-0.011563
0.999072	84.0706	81.3356	847.611	1334.68	37.2756	6.64344	126.085	-0.013438
1.00007	84.0706	81.1989	849.095	1335.5	37.1166	6.64437	125.887	-0.010625
1.00107	83.7971	81.4724	851.266	1336.73	37.5854	6.65375	125.443	-0.0125
1.00207	84.2074	80.7888	854.692	1337.28	36.4196	6.65094	125.098	-0.010313
1.00307	84.0706	81.3356	857.205	1338.73	35.4739	6.64594	124.802	-0.010938
1.00407	84.0706	81.1989	859.489	1339.32	34.4101	6.64531	124.308	-0.011563
1.00507	84.0706	81.0622	861.317	1338.23	34.3938	6.62968	123.469	-0.015313
1.00607	83.9339	81.1989	864.743	1340.01	35.262	6.60812	123.519	-0.012813
1.00707	84.2074	81.6091	867.827	1341.1	35.3588	6.58094	123.519	-0.010625
1.00807	84.0706	81.3356	871.368	1343.83	35.3781	6.61094	122.581	-0.010938
1.00907	84.0706	81.0622	875.251	1345.33	35.6066	6.66156	122.236	-0.011875
1.01007	84.0706	81.3356	878.221	1347.11	35.1764	6.66156	122.038	-0.012813
1.01107	84.0706	81.3356	881.191	1349.84	34.6343	6.65781	121.545	-0.012813
1.01207	84.2074	81.0622	884.389	1351.46	33.8354	6.65219	121.841	-0.012188
1.01307	83.7971	80.7888	887.244	1354.49	33.7009	6.65094	121.742	-0.011563
1.01407	83.9339	81.1989	891.242	1356.81	33.6316	6.65188	122.188	-0.011875
1.01507	84.3442	81.3356	895.239	1360.49	34.7168	6.65631	122.532	-0.010313
1.01607	84.0706	81.3356	899.009	1362.82	35.8408	6.65281	122.828	-0.009063
1.01707	84.0706	81.6091	901.064	1365.14	35.5025	6.64906	123.124	-0.011563
1.01807	84.0706	81.3356	904.834	1368.96	36.3014	6.65188	124.012	-0.010313
1.01907	83.9339	81.0622	907.232	1371.15	35.55	6.65531	124.111	-0.011875
1.02007	84.3442	81.6091	909.08	1373.61	36.1587	6.66156	124.604	-0.012813
1.02107	84.0706	81.3356	912.488	1375.52	36.1587	6.65582	125.049	-0.011875
1.02207	84.2074	81.8826	914.542	1378.11	33.925	6.64969	125.196	-0.012813
1.02307	84.0706	81.3356	916.598	1379.75	33.5908	6.65219	125.246	-0.012188
1.02407	83.5236	81.3356	918.426	1380.85	34.7117	6.63812	125.394	-0.012813
1.02507	84.0706	81.3356	920.824	1383.17	34.5772	6.61219	125.295	-0.011563
1.02607	84.0706	81.6091	923.223	1380.99	34.9318	6.58594	125.049	-0.014093
1.02707	84.3442	81.3356	925.964	1380.71	35.2457	6.60156	124.904	-0.012188
1.02807	83.9339	81.3356	926.676	1380.3	35.0093	6.66719	124.259	-0.014688

1.02907	84.0708	81.8828	930.533	1380.44	34.9155	6.65584	124.012	-0.011875
1.03007	84.0708	80.7888	932.817	1380.44	34.4142	6.66219	123.223	-0.0125
1.03107	83.9339	81.3356	935.444	1379.62	33.7865	6.65969	122.88	-0.012188
1.03207	83.9339	81.3356	938.071	1378.8	33.387	6.65719	121.84	-0.011563
1.03307	83.9339	81.3356	940.812	1379.34	32.5555	6.65469	121.249	-0.011563
1.03407	84.3442	81.3356	944.125	1378.39	33.4522	6.64844	120.755	-0.010625
1.03507	83.3858	81.3356	947.894	1379.07	34.5609	6.64969	120.282	-0.01125
1.03607	83.7971	80.9255	951.549	1379.62	34.8913	6.64906	120.163	-0.014063
1.03707	84.3442	81.3356	955.204	1379.34	35.0896	6.64812	119.522	-0.013125
1.03807	83.9339	81.6091	959.316	1380.71	35.0652	6.64469	119.67	-0.010938
1.03907	83.9339	81.8828	960.686	1380.98	35.5677	6.64219	119.176	-0.013125
1.04007	84.0708	81.1989	962.971	1381.8	35.6229	6.63906	119.887	-0.010938
1.04107	84.0708	81.3356	966.968	1383.17	34.4305	6.63656	119.423	-0.012188
1.04208	84.3442	80.9255	968.91	1385.35	32.9794	6.63969	119.571	-0.012813
1.04308	84.0708	81.6091	970.281	1386.86	34.137	6.62469	119.867	-0.010938
1.04408	84.3442	80.7888	971.651	1386.63	34.5609	6.59344	120.114	-0.012813
1.04508	84.2074	81.3356	972.565	1390.54	34.7484	6.56582	120.708	-0.012813
1.04608	84.0708	81.3356	973.25	1391.36	34.9848	6.57531	121.15	-0.014063
1.04708	84.6178	81.6091	972.793	1394.09	34.7892	6.64856	121.742	-0.012188
1.04808	84.3442	81.4724	974.184	1396.73	34.9522	6.63719	121.89	-0.011875
1.04908	84.0708	81.3356	976.763	1398.06	34.7851	6.63594	122.828	-0.010938
1.05008	84.0708	81.6091	974.621	1398.46	34.0147	6.62969	123.124	-0.014063
1.05108	84.0708	81.8828	976.677	1401.74	33.6479	6.62781	124.269	-0.012188
1.05208	84.6178	81.4724	977.362	1402.29	33.1669	6.62656	124.062	-0.012813
1.05308	84.0708	81.6091	977.819	1403.93	32.8001	6.62875	124.308	-0.012813
1.05408	83.9339	81.4724	978.961	1405.43	34.1859	6.62594	124.308	-0.010938
1.05508	84.0708	81.1989	979.989	1404.2	34.512	6.62219	124.308	-0.012813
1.05608	84.0708	81.3356	980.674	1403.65	35.1682	6.62406	124.012	-0.013438
1.05708	84.0708	81.3356	981.474	1402.84	35.3884	6.62156	123.667	-0.010313
1.05808	84.0708	81.1989	981.702	1402.02	35.0287	6.62856	122.826	-0.010938
1.05908	83.6236	81.6091	981.702	1399.83	35.531	6.62156	121.84	-0.011875
1.06008	84.0708	82.0193	983.53	1398.33	34.7076	6.62344	121.101	-0.009063
1.06108	83.7971	81.3356	982.502	1398.28	32.9427	6.62437	119.769	-0.014063
1.06208	84.6178	81.3356	983.987	1395.19	33.1017	6.61906	119.374	-0.012813
1.06308	84.481	81.4724	985.243	1393.55	33.7865	6.59719	117.153	-0.012188
1.06408	84.0708	81.6091	986.157	1392.46	34.3123	6.56719	116.709	-0.013125
1.06508	83.5236	81.3356	986.728	1391.91	34.8788	6.55344	115.821	-0.01125
1.06608	83.7971	81.1989	986.728	1391.91	34.8644	6.62594	115.13	-0.011663
1.06708	83.9339	81.3356	986.271	1393.41	35.1234	6.62969	114.834	-0.012813
1.06808	84.0708	81.4724	985.586	1395.19	34.9726	6.63219	114.489	-0.010313
1.06908	83.9339	81.1989	985.586	1397.65	34.7647	6.62969	114.637	-0.011875
1.07008	83.5236	81.8828	983.987	1397.65	34.4916	6.63062	115.081	-0.011563
1.07108	83.9339	81.1989	983.073	1399.56	33.8721	6.62844	115.624	-0.010313
1.07208	84.0708	81.0622	981.131	1402.29	33.0365	6.63281	116.166	-0.012813
1.07308	83.7971	81.3356	979.876	1403.93	33.8272	6.63062	117.597	-0.011563
1.07408	84.0708	81.3356	979.418	1406.11	34.5894	6.62844	118.338	-0.012813
1.07508	83.7971	81.6091	978.618	1407.75	35.0134	6.63469	119.275	-0.014688
1.07608	83.9339	82.2928	978.39	1409.8	35.3598	6.63094	120.509	-0.012813
1.07708	83.7971	81.8828	978.504	1411.58	35.5351	6.63656	121.15	-0.01375

1.07808	83.9339	81.4724	979.075	1414.85	35.1927	6.63812	122.088	-0.012813
1.07908	83.7971	81.7458	979.418	1416.77	34.9115	6.63908	122.729	-0.013125
1.08008	83.7971	81.6091	980.103	1419.5	34.3082	6.63937	123.321	-0.0125
1.08108	84.0706	81.4724	980.789	1420.73	33.334	6.63812	123.815	-0.010625
1.08208	83.7971	80.7888	980.332	1421.68	32.6044	6.62844	124.111	-0.011563
1.08308	84.0706	81.3356	979.875	1421.96	33.1261	6.69781	124.111	-0.012813
1.08408	83.5236	81.1989	980.903	1422.5	33.5174	6.57719	124.804	-0.011875
1.08508	83.25	81.1989	980.789	1422.23	33.8272	6.58489	123.489	-0.012188
1.08608	83.9339	81.0822	981.245	1421.14	34.0555	6.65719	123.42	-0.01375
1.08708	83.6603	81.3356	981.474	1421.41	34.0881	6.64344	122.88	-0.010938
1.08808	84.0706	81.6091	981.931	1418.95	33.815	6.64858	122.088	-0.013438
1.08908	83.5236	81.1989	981.017	1418.54	33.8476	6.64875	121.545	-0.011563
1.09008	83.7971	81.4724	981.131	1417.31	33.2892	6.64989	121.051	-0.011563
1.09108	84.0706	81.1989	981.245	1419.23	32.5086	6.65662	120.065	-0.011875
1.09208	84.3442	81.1989	981.017	1418.49	32.5392	6.65031	119.719	-0.012813
1.09308	83.9339	81.4724	981.588	1417.18	33.387	6.64969	119.374	-0.010313
1.09408	84.0706	81.3356	981.131	1418.49	33.709	6.64969	119.028	-0.010938
1.09508	83.7971	80.3788	980.674	1417.04	34.1207	6.65719	119.028	-0.011875
1.09608	84.0706	81.3356	981.245	1417.86	34.6242	6.65858	118.88	-0.011563
1.09708	84.0706	81.3356	980.217	1418	34.6261	6.65887	118.88	-0.012813
1.09808	84.0706	81.8828	979.418	1418.54	34.3838	6.65812	118.782	-0.011563
1.09908	84.3442	81.6091	977.705	1418.54	34.3183	6.65562	118.782	-0.012188
1.10008	84.2074	81.6091	976.334	1419.5	33.2686	6.66489	119.176	-0.0125
1.10108	84.0706	81.8828	973.835	1421	32.6044	6.66825	119.176	-0.01125
1.10208	84.0706	81.3356	971.537	1422.5	32.1805	6.64719	118.789	-0.011563
1.10308	83.7971	81.7458	980.453	1423.32	31.4387	6.62219	120.065	-0.011563
1.10408	83.9339	80.7888	985.369	1424.01	32.2579	6.60219	120.361	-0.013438
1.10508	83.9339	81.3356	982.871	1424.55	32.7226	6.60531	120.755	-0.013125
1.10608	83.7971	81.3356	982.057	1425.78	32.7308	6.67408	121.15	-0.012188
1.10708	83.7971	81.3356	980.458	1426.87	32.4414	6.66908	121.841	-0.012188
1.10808	83.7971	81.3356	959.658	1428.24	33.1587	6.67219	121.94	-0.01375
1.10908	83.7971	81.4724	958.745	1430.29	33.1098	6.67969	122.334	-0.011563
1.11008	83.5236	82.0193	957.945	1430.83	31.9845	6.67219	122.532	-0.011563
1.11108	82.8765	81.4724	967.28	1432.81	32.4088	6.68969	122.828	-0.013438
1.11208	83.5236	81.6091	956.48	1432.88	31.4957	6.67219	123.124	-0.012813
1.11308	83.9339	81.4724	954.875	1435.07	32.2049	6.67719	123.371	-0.011875
1.11408	83.6603	81.9356	952.891	1433.98	33.387	6.67875	123.519	-0.011563
1.11508	83.7971	81.6091	950.084	1435.48	33.3055	6.67158	123.568	-0.010938
1.11608	83.9339	81.6091	948.238	1435.34	34.2693	6.67281	123.321	-0.012813
1.11708	83.7971	81.0822	945.153	1435.34	34.1492	6.67719	123.371	-0.012188
1.11808	83.9339	81.6091	942.84	1435.62	34.1615	6.68158	122.978	-0.012813
1.11908	83.5236	82.1581	939.899	1434.52	33.8479	6.68158	122.236	-0.012188
1.12008	83.5236	81.0822	937.157	1432.88	33.224	6.67969	121.94	-0.010938
1.12108	83.5236	81.8828	933.959	1432.2	33.0161	6.68125	121.348	-0.011875
1.12208	83.9339	81.3356	930.99	1431.24	32.2253	6.67781	120.558	-0.013125
1.12308	84.0706	81.6091	928.783	1430.97	31.0637	6.65094	120.065	-0.012813
1.12408	84.0706	81.6091	922.537	1431.85	31.8544	6.62344	119.571	-0.011563
1.12508	83.9339	81.6091	919.568	1430.43	31.6914	6.60489	118.979	-0.01375
1.12608	84.0706	81.6091	914.542	1430.97	32.3824	6.65062	118.663	-0.012813

1.12708	84.0708	81.6091	910.43	1431.11	32.3598	6.68219	118.338	-0.014063
1.12808	84.2074	81.7458	907.232	1431.79	32.0664	6.68781	117.992	-0.010938
1.12908	83.6236	81.0822	905.405	1432.06	32.8245	6.68906	117.893	-0.012188
1.13008	83.9339	81.8626	902.092	1432.34	31.5809	6.68844	117.796	-0.012813
1.13108	84.3442	81.4724	899.808	1432.34	31.5528	6.68969	118.189	-0.011663
1.13208	83.9339	81.4724	896.61	1432.34	31.349	6.68344	117.898	-0.012813
1.13308	84.0708	81.4724	893.526	1431.79	30.8069	6.65625	117.795	-0.010313
1.13408	83.9339	81.8826	889.871	1431.24	32.3843	6.65344	117.893	-0.014063
1.13508	83.6603	80.7888	887.587	1432.88	32.7226	6.65344	117.896	-0.010938
1.13608	83.9339	81.6091	884.846	1430.97	32.8857	6.65219	117.647	-0.011663
1.13708	83.7971	81.4724	882.104	1432.34	33.9413	6.64906	117.745	-0.010625
1.13808	83.7971	81.6091	879.135	1431.93	33.6886	6.64219	117.597	-0.012188
1.13908	83.7971	82.0193	876.822	1432.88	33.55	6.63937	117.992	-0.012188
1.14008	83.7971	81.4724	874.223	1432.34	34.0228	6.63969	117.992	-0.012188
1.14108	83.7971	81.6091	872.967	1431.93	33.171	6.64281	117.499	-0.011563
1.14208	84.0708	81.4724	872.398	1431.24	32.6858	6.64094	117.548	-0.011875
1.14308	83.9339	81.3356	872.967	1431.65	31.6058	6.62969	117.203	-0.012188
1.14408	84.3442	81.7458	872.51	1431.24	30.8762	6.60437	117.005	-0.012813
1.14508	83.6236	82.1561	873.31	1431.93	31.4264	6.57856	116.907	-0.012813
1.14608	83.6603	81.3356	873.852	1430.97	31.8707	6.55969	116.768	-0.010625
1.14708	83.3868	81.7458	873.424	1431.11	31.7321	6.62875	116.413	-0.012813
1.14808	83.3868	81.6091	874.794	1430.15	31.887	6.62719	116.117	-0.010938
1.14908	83.9339	81.3356	873.424	1429.88	31.8218	6.62437	115.92	-0.014888
1.15008	83.7971	81.6091	874.794	1429.61	31.6791	6.62469	115.824	-0.012188
1.15108	83.6603	81.3356	873.766	1428.92	31.3408	6.62687	116.081	-0.012188
1.15208	83.7971	82.1561	873.424	1428.51	30.5908	6.62594	114.785	-0.011875
1.15308	84.2074	80.7888	873.424	1427.97	30.5501	6.62219	113.898	-0.012813
1.15408	83.7971	81.6091	872.738	1427.42	29.8653	6.61969	113.255	-0.010313
1.15508	84.0708	81.3356	872.967	1428.87	30.5827	6.61531	112.485	-0.011563
1.15608	83.7971	81.3356	873.852	1426.33	31.5809	6.61844	111.873	-0.012188
1.15708	83.9339	81.1988	873.424	1426.87	31.6098	6.62063	111.38	-0.011563
1.15808	83.9339	81.3356	874.109	1425.84	32.1764	6.61694	110.886	-0.012813
1.15908	84.0708	81.6091	874.588	1425.23	32.7837	6.61719	110.64	-0.012188
1.16008	83.7971	81.4724	876.383	1426.33	32.1479	6.61844	110.097	-0.012813
1.16108	83.9339	81.4724	877.079	1426.46	32.849	6.61719	110.097	-0.011563
1.16208	83.9339	81.3356	880.048	1426.87	32.8612	6.61937	110.097	-0.011563
1.16308	84.0708	81.0622	883.475	1426.05	31.349	6.61989	109.702	-0.014063
1.16408	84.0708	80.7888	886.559	1425.84	29.8979	6.61562	109.406	-0.012188
1.16508	84.0708	80.8521	888.957	1424.89	30.5175	6.58531	109.159	-0.012188
1.16608	84.0708	81.0622	891.899	1424.14	31.0066	6.58219	108.518	-0.012188
1.16708	83.7971	81.3356	893.298	1424.89	31.0718	6.55156	108.518	-0.012813
1.16808	84.0708	81.3356	896.039	1424.96	31.6261	6.62094	108.666	-0.011875
1.16908	84.461	81.6091	898.095	1425.1	31.5608	6.62187	107.928	-0.011563
1.17008	83.6603	82.2928	901.179	1424.55	31.4509	6.61969	108.321	-0.009888
1.17108	84.2074	81.6091	902.321	1423.46	31.137	6.61812	108.271	-0.014063
1.17208	84.0708	81.6091	904.263	1424.01	31.0066	6.62219	108.271	-0.013125
1.17308	84.2074	81.1988	906.146	1423.19	30.4849	6.62313	108.518	-0.010625
1.17408	84.3442	81.6091	910.43	1423.05	30.1873	6.62313	107.928	-0.012813
1.17508	84.0708	81.3356	912.488	1423.87	28.637	6.62344	108.123	-0.012188

1.17608	84.3442	81.3356	915.456	1424.01	29.0746	6.61781	107.531	-0.011875
1.17708	83.9339	81.4724	917.74	1424.14	30.012	6.62344	107.63	-0.013438
1.17808	84.2074	81.3356	919.454	1424.55	30.5175	6.62469	107.334	-0.013125
1.17908	84.0706	81.6091	922.309	1425.51	30.8495	6.62437	107.038	-0.012813
1.18008	83.7971	82.4285	924.136	1424.55	31.8952	6.62719	106.742	-0.011875
1.18108	83.9339	81.6091	926.649	1424.69	32.2131	6.62594	106.939	-0.010313
1.18208	84.0706	81.8826	930.533	1423.87	31.887	6.62866	106.149	-0.013125
1.18308	83.9339	81.8826	932.246	1424.96	31.8218	6.63031	106.149	-0.012813
1.18408	83.5236	81.6091	936.658	1426.23	31.3979	6.63219	106.742	-0.012188
1.18508	84.0706	81.3356	938.756	1425.84	30.387	6.63094	106.853	-0.011683
1.18608	83.9339	81.6091	941.84	1424.69	29.7104	6.60531	106.853	-0.012188
1.18708	83.9339	81.7458	944.696	1425.23	30.2568	6.58094	105.804	-0.0126
1.18808	84.0706	81.3356	948.351	1424.69	30.7948	6.58344	105.557	-0.012813
1.18908	84.2074	81.1889	951.549	1424.69	30.9251	6.61406	106.261	-0.010825
1.19008	83.7971	81.6091	953.833	1424.69	30.9332	6.64344	104.916	-0.011583
1.19108	84.0706	81.7458	956.346	1424.42	31.0863	6.63594	104.966	-0.012188
1.19208	83.9339	81.6091	958.745	1423.6	31.1289	6.63781	104.62	-0.010825
1.19308	84.0706	81.0622	959.316	1423.06	31.1044	6.63687	103.88	-0.015
1.19408	84.2074	81.4724	961.943	1424.42	31.0066	6.63969	104.274	-0.012188
1.19508	83.9339	81.3356	964.113	1424.01	30.6438	6.63969	104.128	-0.011583
1.19608	84.0706	81.3356	965.369	1423.6	29.8653	6.63969	103.882	-0.012813
1.19708	84.0706	81.3356	967.768	1423.6	29.4414	6.63969	103.731	-0.012813
1.19808	83.5236	81.8826	969.024	1423.6	29.4251	6.64156	103.583	-0.011875
1.19908	84.2074	81.3356	970.852	1424.01	29.7063	6.64375	103.287	-0.013125
1.20008	84.0706	81.6091	971.86	1423.87	30.8109	6.64219	103.189	-0.013438
1.20108	83.9339	81.6091	972.793	1424.14	30.8621	6.64625	103.238	-0.012188
1.20208	84.2074	81.3356	974.392	1423.06	31.3408	6.64594	103.189	-0.012188
1.20308	84.0706	81.3356	976.22	1422.78	31.5283	6.65062	103.337	-0.011583
1.20408	84.2074	81.6091	977.134	1422.09	31.2348	6.64781	102.695	-0.012813
1.20508	84.3442	81.3356	978.961	1422.5	31.6751	6.64969	103.09	-0.013438
1.20608	84.0706	81.7458	980.332	1422.78	30.7743	6.65281	103.09	-0.011683
1.20708	84.0706	81.3356	982.616	1423.06	29.9835	6.64781	102.794	-0.0125
1.20808	83.5236	80.7888	983.872	1422.91	29.2131	6.62219	102.399	-0.012813
1.20908	84.0706	81.3356	986.157	1423.06	29.7349	6.58562	102.103	-0.013438
1.21008	84.0706	81.6091	988.441	1423.6	30.2874	6.58469	101.758	-0.013438
1.21108	84.2074	81.7458	990.164	1424.14	30.1995	6.65812	101.56	-0.012813
1.21208	84.0706	82.1661	990.64	1422.5	30.8517	6.65908	101.412	-0.012813
1.21308	84.0706	81.4724	991.526	1423.46	31.2756	6.65656	101.314	-0.012813
1.21408	83.9339	81.6091	991.763	1422.78	30.7376	6.65908	101.116	-0.012188
1.21508	83.9339	81.6091	991.297	1421.96	31.0881	6.65656	100.475	-0.014063
1.21608	84.0706	81.7458	991.526	1422.78	30.7743	6.65908	100.919	-0.012188
1.21708	84.0706	81.7458	993.124	1423.46	30.3463	6.65908	101.018	-0.012188
1.21808	83.9339	81.4724	991.526	1421.82	30.1586	6.65469	100.228	-0.0125
1.21908	83.7971	81.6091	991.982	1422.23	29.637	6.65219	100.06	-0.012813
1.22008	83.9339	81.4724	991.182	1422.09	29.1887	6.66344	99.7839	-0.010313
1.22108	83.5236	81.3356	992.096	1422.23	30.0609	6.66281	99.4385	-0.012813
1.22208	83.9339	81.3356	991.982	1422.09	30.4482	6.66469	99.2411	-0.010825
1.22308	84.0706	81.3356	992.439	1422.37	30.7702	6.66344	98.9451	-0.013438
1.22408	84.0706	81.6091	993.467	1423.19	31.2919	6.66344	98.8464	-0.012813

1.22609	83.7971	81.3358	994.038	1422.09	31.3001	8.66719	98.8464	-0.013438
1.22609	83.9339	81.6091	994.723	1421.27	31.3571	8.66719	98.0075	-0.015313
1.22709	83.9339	81.6091	995.18	1421.96	30.8272	8.66812	98.5009	-0.013125
1.22809	83.9339	81.3358	994.837	1422.09	30.6642	8.67219	98.5503	-0.011563
1.22909	84.2074	81.8828	995.885	1421.68	30.4482	8.66989	98.3529	-0.011875
1.23009	84.0708	81.7458	995.18	1421.96	29.3354	8.65408	98.0688	-0.012813
1.23109	84.0708	81.3358	994.952	1421.41	28.9523	8.62313	97.8595	-0.012188
1.23209	83.7971	81.3358	994.952	1421.41	29.1805	8.69908	97.6621	-0.013438
1.23309	84.0708	81.6091	994.952	1421.14	29.6044	8.63658	97.5634	-0.013125
1.23409	83.5236	81.3358	994.038	1421.27	30.0202	8.68219	97.4647	-0.012188
1.23509	84.0708	81.3358	993.487	1420.32	30.0772	8.66719	97.3167	-0.011563
1.23609	83.9339	82.1661	993.809	1420.73	30.1547	8.67438	97.2873	-0.012188
1.23709	84.3442	81.6091	995.18	1420.32	30.2403	8.67188	96.9219	-0.010938
1.23809	83.9339	81.6091	993.362	1420.04	30.1221	8.67082	96.8726	-0.013438
1.23909	83.9339	81.6091	995.18	1420.04	29.8164	8.66989	97.4647	-0.011875
1.24009	84.0708	81.3358	994.608	1420.04	29.5963	8.66687	96.6752	-0.011563
1.24109	84.6178	81.7458	993.581	1420.04	29.1112	8.66489	96.5765	-0.014063
1.24209	84.0708	81.6091	993.487	1420.04	28.7848	8.66719	96.2804	-0.012813
1.24309	83.9339	81.3358	992.687	1419.64	28.2661	8.66908	95.4416	-0.012813
1.24409	84.0708	81.4724	990.84	1419.6	28.8897	8.66989	95.4909	-0.011563
1.24509	83.7971	81.1989	989.469	1419.64	30.2526	8.66844	94.9975	-0.010938
1.24609	83.7971	82.1581	988.555	1420.04	30.2892	8.66584	94.7507	-0.012188
1.24709	84.0708	81.6091	987.642	1419.23	30.8108	8.66989	94.5534	-0.012188
1.24809	84.0708	81.7458	986.614	1419.64	30.5501	8.66812	94.3066	-0.010313
1.24909	84.0708	81.3358	986.043	1419.77	30.3828	8.66989	94.2673	-0.01375
1.25009	83.9339	81.6091	985.129	1420.32	30.5176	8.6725	95.0468	-0.010625
1.25109	83.9339	81.4724	985.814	1419.64	29.7797	8.67281	94.0106	-0.01125
1.25209	83.7971	81.8828	986.043	1419.23	29.1234	8.67489	94.0106	-0.011563
1.25309	83.7971	81.4724	986.498	1417.72	28.9033	8.66844	93.8825	-0.013438
1.25409	84.0708	81.6091	987.413	1418.13	27.8988	8.62969	93.6852	-0.012188
1.25509	84.0708	81.6091	987.642	1418.77	27.9088	8.60687	93.1717	-0.013125
1.25609	84.0708	81.6091	988.088	1418.9	28.8099	8.61687	92.8743	-0.012188
1.25709	83.9339	82.0193	989.012	1417.18	28.5854	8.67989	92.6289	-0.013125
1.25809	84.2074	81.6091	988.441	1417.45	29.0338	8.66781	92.5796	-0.0125
1.25909	83.7971	81.0822	988.555	1417.59	29.1846	8.67408	92.1355	-0.009888
1.26009	84.0708	81.4724	985.586	1417.31	28.8914	8.67125	91.8888	-0.014063
1.26109	83.7971	81.6091	986.157	1418.49	29.2009	8.67281	91.8394	-0.011875
1.26209	84.0708	82.2928	983.987	1415.95	28.9074	8.67438	91.6433	-0.011563
1.26309	84.0708	82.1581	983.073	1415.4	28.3327	8.67219	91.2473	-0.012188
1.26409	84.3442	81.7458	981.816	1414.85	28.2756	8.67084	91.0005	-0.01125
1.26509	83.7971	81.6091	981.246	1414.31	28.0392	8.67082	90.5071	-0.012813
1.26609	83.9339	81.8828	979.418	1413.76	28.8343	8.67084	90.3087	-0.0125
1.26709	84.0708	81.1989	978.818	1413.08	29.3782	8.67344	89.9843	-0.011875
1.26809	84.0708	81.6091	976.677	1413.76	29.584	8.67594	89.6696	-0.012188
1.26909	83.7971	81.0822	975.783	1411.58	29.8531	8.67312	89.1748	-0.011563
1.27009	84.0708	82.1581	975.783	1412.12	30.2036	8.67719	88.8787	-0.00675
1.27109	83.9339	82.1581	973.935	1412.12	30.0976	8.67658	88.3359	-0.013125
1.27209	83.7971	80.7688	972.108	1411.85	30.0772	8.67531	88.6814	-0.011683
1.27309	83.9339	82.1661	969.824	1411.85	30.0732	8.67908	87.9905	-0.012188

1.27409	83.8603	81.6091	988.511	1411.58	29.637	6.67906	87.7438	-0.013438
1.27509	84.0706	81.6091	982.856	1410.35	29.2946	6.67969	87.2997	-0.011875
1.27609	84.3442	81.6091	958.402	1410.48	28.8626	6.67281	87.2997	-0.012188
1.27709	84.6178	81.4724	955.432	1409.39	27.6805	6.64781	88.7689	-0.010626
1.27809	83.8603	81.0822	951.777	1409.39	27.9414	6.62469	86.8063	-0.010938
1.27909	84.0706	81.3356	948.008	1409.8	28.3735	6.60719	86.4115	-0.012813
1.28009	84.3442	81.4724	944.467	1409.39	28.4427	6.65781	86.0681	-0.012813
1.28109	84.3442	81.7458	942.183	1409.66	28.8218	6.68531	86.0167	-0.010313
1.28209	83.7971	81.3356	937.849	1408.03	28.8707	6.67531	85.918	-0.012188
1.28309	83.3868	81.8826	935.558	1409.39	28.8544	6.68125	85.622	-0.012188
1.28409	83.9339	80.9255	933.274	1408.3	28.8218	6.68166	85.3753	-0.011563
1.28509	84.0706	81.6091	931.446	1408.03	28.6262	6.68166	85.0298	-0.009063
1.28609	84.0706	81.8826	929.606	1407.89	28.3082	6.67812	85.0298	-0.012188
1.28709	84.2074	81.6091	927.106	1406.66	27.8599	6.67969	84.6857	-0.011563
1.28809	83.9339	81.7458	924.593	1406.66	27.5908	6.67694	84.7338	-0.01126
1.28909	82.9765	81.4724	922.537	1405.98	28.3001	6.67531	84.7338	-0.011563
1.29009	83.8339	81.7458	920.026	1407.07	28.8381	6.67844	84.4377	-0.01375
1.29109	83.7971	81.3356	917.626	1404.75	29.3436	6.67969	84.4377	-0.013125
1.29209	84.2074	81.7458	914.771	1405.29	29.7562	6.67906	84.4377	-0.010313
1.29309	84.3442	81.7458	911.344	1404.75	30.0446	6.68125	84.043	-0.01375
1.29409	83.3868	81.3356	909.517	1404.47	30.0528	6.67969	84.6351	-0.011563
1.29509	84.0706	82.1561	906.318	1404.34	30.2974	6.67969	83.9443	-0.013125
1.29609	83.9339	81.4724	904.034	1405.02	30.3463	6.68469	83.8456	-0.013125
1.29709	84.0706	81.6091	901.084	1403.25	29.9081	6.68313	83.5002	-0.013125
1.29809	83.9339	81.0822	898.438	1404.47	30.0161	6.68344	83.4508	-0.012813
1.29909	84.2074	81.3356	896.287	1403.65	28.8381	6.68344	83.5485	-0.013438
1.30009	84.0706	81.8826	893.298	1403.38	27.3178	6.67344	83.4508	-0.01125
1.30109	83.3868	81.6091	889.871	1403.38	28.3979	6.64406	83.2534	-0.01125
1.30209	83.9339	80.9255	887.587	1402.7	28.2145	6.62406	83.2534	-0.010938
1.30309	83.9339	82.1561	885.759	1402.15	28.2186	6.60812	83.1547	-0.007813
1.30409	83.7971	81.6091	883.018	1403.11	29.0175	6.68187	83.2041	-0.01125
1.30509	84.6178	81.8826	881.191	1402.7	28.7118	6.67969	83.1547	-0.013438
1.30609	84.3442	81.8826	878.906	1402.43	28.5773	6.67719	82.9574	-0.012813
1.30709	84.2074	81.3356	876.622	1401.61	28.7566	6.67812	82.6613	-0.012813
1.30809	84.3442	81.4724	875.137	1402.7	28.2349	6.67969	82.2172	-0.011563
1.30909	83.9339	81.4724	873.424	1402.29	28.0066	6.67887	82.6613	-0.012188
1.31009	84.0706	81.7458	871.596	1401.74	27.6479	6.67719	82.4146	-0.011875
1.31109	84.0706	81.3356	869.312	1401.74	27.1629	6.67719	82.3652	-0.01125
1.31209	84.0706	81.7458	868.312	1402.64	28.8653	6.67281	82.1679	-0.010938
1.31309	83.3868	81.6091	868.17	1401.74	27.7131	6.67166	82.1679	-0.012813
1.31409	84.0706	81.3356	866.789	1400.92	28.0596	6.67344	82.1186	-0.011683
1.31509	84.0706	81.8826	866.114	1400.65	28.4836	6.67168	81.8718	-0.014063
1.31609	84.0706	81.6091	866.114	1399.56	28.883	6.67344	82.2172	-0.011875
1.31709	83.9339	81.8826	866.114	1399.56	28.9849	6.67489	81.7731	-0.013438
1.31809	83.9339	81.7458	865.885	1399.42	29.2661	6.67531	81.5757	-0.010313
1.31909	84.3442	81.6091	866.114	1398.46	29.4332	6.67489	81.6744	-0.011563
1.3201	84.0706	81.7458	866.685	1399.28	29.0501	6.67594	81.6744	-0.012813
1.3211	83.9339	81.3356	866.913	1398.46	29.0827	6.67312	81.6744	-0.011683
1.3221	83.8603	81.7458	868.855	1399.28	28.2512	6.67594	81.5757	-0.0125

1.3231	84.481	81.3358	870.454	1399.42	26.8818	6.67489	81.8744	-0.013125
1.3241	84.0706	81.8091	872.282	1398.19	27.0854	6.67094	81.477	-0.010938
1.3251	84.0706	81.3358	874.794	1398.06	27.436	6.64844	81.3783	-0.009688
1.3261	84.0706	81.8828	876.622	1397.92	27.6764	6.62489	81.3783	-0.012813
1.3271	83.7971	82.1581	878.908	1397.37	27.9373	6.60469	81.1318	-0.013438
1.3281	83.9339	81.8091	882.219	1397.65	27.9577	6.67188	81.329	-0.011875
1.3291	84.3442	81.7458	884.846	1397.24	28.0066	6.67906	80.8355	-0.013438
1.3301	84.0706	81.3358	888.044	1396.83	27.9047	6.67469	81.0823	-0.011875
1.3311	83.7971	81.3358	890.328	1397.24	27.7906	6.67531	80.6875	-0.011875
1.3321	84.0706	81.7458	892.612	1397.24	27.6153	6.67281	80.7389	-0.012188
1.3331	83.9339	81.8091	893.889	1397.1	27.2159	6.67489	80.5888	-0.012813
1.3341	84.0706	81.7458	895.239	1397.65	26.8612	6.67312	80.2434	-0.010825
1.3351	83.7971	81.8828	896.153	1396.14	26.4496	6.67219	80.4408	-0.010938
1.3361	83.25	81.8091	897.067	1394.91	25.993	6.66875	80.2434	-0.010938
1.3371	84.0706	81.7458	898.095	1395.46	25.8993	6.66969	80.0954	-0.012188
1.3381	84.0706	81.8091	899.465	1395.6	26.8409	6.66969	80.0954	-0.011875
1.3391	84.0706	82.2928	901.179	1395.6	27.2892	6.67188	79.9967	-0.013125
1.3401	84.3442	81.7458	902.435	1395.73	27.8887	6.67125	79.7006	-0.013125
1.3411	83.9339	81.3358	903.577	1395.19	28.0351	6.67094	79.5032	-0.011583
1.3421	84.3442	81.7458	905.747	1395.19	28.2875	6.66969	79.75	-0.010938
1.3431	84.481	81.7458	908.374	1394.64	28.3001	6.66969	79.2072	-0.01126
1.3441	84.481	81.8091	911.23	1394.64	28.2593	6.67156	79.1578	-0.011563
1.3451	83.7971	81.8091	914.899	1395.19	28.1696	6.67344	79.0691	-0.010825
1.3461	83.9339	81.7458	918.197	1393.27	27.8313	6.67344	78.8124	-0.012188
1.3471	83.7971	81.3358	921.624	1393	26.743	6.67219	78.9111	-0.009375
1.3481	83.9339	82.1581	924.385	1392.86	26.1318	6.67031	78.815	-0.011875
1.3491	84.0706	81.8091	927.335	1392.18	26.7512	6.64937	78.6644	-0.012813
1.3501	83.7971	81.8091	930.875	1391.91	27.1751	6.62187	78.7631	-0.011875
1.3511	83.7971	81.8091	934.302	1391.91	27.5338	6.60469	78.467	-0.010938
1.3521	83.9339	81.8091	936.929	1390.82	27.4197	6.65687	78.2203	-0.011875
1.3531	83.9339	81.7458	940.355	1390.54	27.6275	6.67687	77.8749	-0.011875
1.3541	84.2074	81.8091	943.211	1390.54	27.7376	6.67094	77.6261	-0.012813
1.3551	83.7971	82.0193	946.523	1389.72	27.6806	6.67219	77.5788	-0.0125
1.3561	84.0706	81.8091	948.008	1390	27.5827	6.66844	77.2827	-0.011875
1.3571	83.9339	81.8091	951.092	1389.04	27.1914	6.66969	77.2334	-0.012188
1.3581	83.7971	81.1969	954.29	1388.63	26.7919	6.67094	76.9373	-0.009688
1.3591	83.7971	81.8828	955.432	1389.04	26.8979	6.66844	76.888	-0.012188
1.3601	84.0706	81.1969	956.46	1387.81	26.4251	6.66719	76.888	-0.0125
1.3611	84.3442	81.8091	959.087	1388.49	26.0379	6.66469	76.4439	-0.013438
1.3621	83.9339	81.4724	960.229	1388.36	26.5148	6.66219	76.2465	-0.012813
1.3631	83.6603	81.8828	960.915	1387.54	26.7023	6.66906	75.9504	-0.0125
1.3641	83.3688	81.7458	962.971	1387.13	27.387	6.66531	75.8517	-0.01125
1.3651	84.3442	81.7458	965.141	1386.72	27.7294	6.66594	75.6544	-0.012813
1.3661	84.6178	81.8828	965.94	1386.45	27.921	6.66719	75.3089	-0.012188
1.3671	84.3442	81.7458	965.94	1386.76	28.2023	6.66594	75.6063	-0.010938
1.3681	84.0706	82.1581	967.311	1385.35	27.8517	6.66844	75.0822	-0.011583
1.3691	83.7971	81.7458	969.138	1385.08	28.1658	6.67094	74.8948	-0.00875
1.3701	83.9339	81.3358	969.138	1384.67	27.6476	6.67062	74.5688	-0.013125
1.3711	83.9339	81.7458	969.367	1384.28	27.2892	6.66969	74.6675	-0.012188

1.3721	84.0708	81.8828	971.194	1384.81	28.2131	6.88989	74.8875	-0.014083
1.3731	83.7971	81.8828	972.338	1384.87	28.2131	6.84844	74.3714	-0.011875
1.3741	83.9339	81.8091	973.364	1383.71	28.6819	6.62489	73.9788	-0.01375
1.3761	83.7971	82.4296	974.735	1382.82	27.1606	6.60219	73.5819	-0.012188
1.3781	83.9339	81.8091	976.22	1381.8	27.4849	6.63156	73.6312	-0.01125
1.3771	83.5236	81.4724	976.905	1380.57	27.7213	6.68084	73.3362	-0.011563
1.3781	83.9339	81.8091	977.705	1380.44	27.762	6.68719	73.2385	-0.012188
1.3791	83.7971	81.4724	978.981	1380.71	27.9088	6.68989	73.1871	-0.011875
1.3801	84.3442	81.4724	979.418	1378.8	27.974	6.68989	72.9987	-0.007813
1.3811	83.7971	82.2828	980.789	1378.25	27.8842	6.68989	72.5458	-0.013438
1.3821	84.3442	81.8091	981.588	1377.7	27.6275	6.68844	72.3978	-0.012188
1.3831	83.1133	81.8091	982.169	1378.34	27.4804	6.68719	72.3483	-0.01375
1.3841	84.2074	82.0193	983.073	1378.07	27.0202	6.68989	71.8055	-0.011563
1.3851	83.7971	81.8091	983.758	1376.25	26.5392	6.68844	72.0028	-0.010938
1.3861	84.0708	81.8091	984.872	1374.97	26.4292	6.68531	71.312	-0.010313
1.3871	83.9339	81.4724	985.814	1374.7	26.9713	6.68489	71.312	-0.012188
1.3881	83.9339	81.8091	985.471	1373.33	27.2525	6.68489	70.8188	-0.013438
1.3891	83.9339	81.7458	986.043	1373.33	27.705	6.68219	70.2768	-0.013125
1.3901	84.0708	81.8091	986.728	1372.24	27.9047	6.68344	70.1277	-0.011875
1.3911	84.0708	81.7458	987.984	1371.42	28.0596	6.68344	69.9304	-0.0125
1.3921	84.0708	81.8091	988.898	1370.33	28.0351	6.68531	69.4369	-0.010313
1.3931	83.9339	81.8091	988.898	1370.06	27.9577	6.68844	69.4369	-0.013125
1.3941	83.7971	81.0822	989.241	1370.33	27.8395	6.68719	69.733	-0.012188
1.3951	83.9339	82.0193	988.898	1370.06	27.5419	6.68856	68.9435	-0.013125
1.3961	83.5236	81.8091	988.555	1368.96	27.0385	6.68719	68.8941	-0.010313
1.3971	83.7971	81.8091	988.327	1370.06	26.4189	6.64989	68.7954	-0.012813
1.3981	83.25	81.3356	987.07	1369.92	26.0583	6.62489	68.7461	-0.012813
1.3991	83.9339	81.8828	986.499	1369.24	26.0419	6.69989	68.4007	-0.012188
1.4001	84.3442	81.8828	986.043	1368.55	26.4332	6.60489	68.164	-0.010938
1.4011	84.0708	81.3356	985.586	1368.42	26.8953	6.67656	68.2528	-0.011875
1.4021	83.5236	81.7458	986.357	1367.19	26.9713	6.65875	68.302	-0.008125
1.4031	84.3442	81.8828	986.357	1368.09	26.9101	6.68187	67.9588	-0.014083
1.4041	83.7971	82.0193	986.814	1365.69	27.2118	6.68281	68.0553	-0.013438
1.4051	83.7971	81.8091	987.185	1365.69	27.171	6.68084	68.1046	-0.0125
1.4061	84.0708	81.3356	986.728	1365.41	26.9285	6.65812	67.8579	-0.012813
1.4071	83.7971	81.0822	988.555	1365.14	26.9305	6.68219	67.8579	-0.012813
1.4081	83.9339	82.1561	987.984	1364.59	26.7612	6.65531	68.154	-0.011563
1.4091	84.0708	81.8828	987.67	1364.05	26.2987	6.65406	68.0553	-0.012813
1.4101	84.0708	81.7458	986.814	1363.5	26.8993	6.65281	67.7592	-0.011875
1.4111	84.0708	81.7458	986.167	1363.5	26.1438	6.65406	67.8085	-0.0125
1.4121	83.9339	81.8828	986.043	1363.5	26.6044	6.65489	67.7099	-0.011563
1.4131	84.0708	82.1561	984.9	1362.85	27.0284	6.65406	67.6605	-0.012813
1.4141	83.6236	81.8828	983.301	1361.88	27.3422	6.65344	67.2164	-0.013125
1.4151	84.0708	81.8828	983.073	1362.41	27.5134	6.65344	67.4138	-0.013438
1.4161	83.7971	82.1561	982.502	1361.88	27.7457	6.65582	67.4631	-0.011563
1.4171	83.7971	81.3356	981.702	1360.77	27.8479	6.65719	67.3151	-0.010938
1.4181	83.9339	81.8091	982.388	1361.04	27.6724	6.65906	67.3644	-0.012188
1.4191	83.9339	81.8091	981.931	1362.13	27.6031	6.65887	67.2858	-0.011875
1.4201	83.9339	81.8091	982.159	1362.13	27.224	6.65489	68.871	-0.010938

1.4211	83.9339	81.8091	983.53	1360.83	26.849	6.65156	67.1671	-0.011563
1.4221	84.0706	81.4724	983.301	1361.31	26.258	6.63312	67.019	-0.013438
1.4231	83.3868	81.7458	982.959	1362.82	25.8544	6.60406	67.1671	-0.010938
1.4241	84.0706	81.8091	982.388	1361.86	25.3979	6.57844	67.0684	-0.012813
1.4261	83.7971	81.7458	981.245	1360.49	25.5121	6.61489	66.8203	-0.015313
1.4261	84.0706	81.3356	981.245	1360.77	26.0501	6.65656	67.1671	-0.013438
1.4271	83.9339	81.7458	981.474	1362.27	26.2865	6.63875	67.7692	-0.012188
1.4281	83.9339	81.3356	980.674	1361.31	26.3273	6.64344	67.5618	-0.013438
1.4291	83.5236	81.7458	979.418	1360.22	26.5878	6.64158	67.8085	-0.012188
1.4301	83.6603	81.7458	979.418	1360.77	26.5474	6.63781	67.8579	-0.012813
1.4311	84.0706	81.3356	978.047	1361.31	26.5841	6.63844	68.154	-0.012188
1.4321	83.5236	81.8826	978.047	1360.38	26.4577	6.63594	68.2526	-0.011563
1.4331	83.7971	82.1561	977.134	1360.22	26.1887	6.63219	68.3513	-0.012188
1.4341	84.0706	81.8091	976.677	1360.49	25.94	6.63219	68.3513	-0.010938
1.4351	84.0706	81.8091	975.763	1358.86	25.5773	6.63031	68.6967	-0.012188
1.4361	83.6603	81.3356	975.42	1357.76	25.7159	6.62719	68.0059	-0.013438
1.4371	83.5236	81.7458	973.935	1358.89	26.258	6.62969	68.2526	-0.012188
1.4381	83.9339	81.8091	973.384	1358.86	26.8327	6.62844	68.4007	-0.012813
1.4391	83.6603	82.0193	971.651	1358.99	27.1262	6.62656	67.8579	-0.012813
1.4401	83.7971	81.8826	970.852	1358.86	27.1262	6.63094	67.7592	-0.011563
1.4411	83.7971	81.7458	969.709	1358.99	27.6438	6.62875	67.6605	-0.010938
1.4421	83.7971	81.8091	967.539	1359.13	27.44	6.62687	67.4631	-0.010938
1.4431	83.25	81.7458	964.798	1358.86	27.4278	6.62406	67.1671	-0.012813
1.4441	83.9339	81.0622	962.399	1358.45	27.5338	6.62469	67.3151	-0.011663
1.4451	83.6236	81.3356	959.316	1358.45	27.2118	6.62437	67.3644	-0.011563
1.4461	83.7971	81.8091	955.775	1357.9	26.7919	6.62344	67.2658	-0.012813
1.4471	83.7971	81.8091	952.008	1358.12	26.4282	6.61406	66.6738	-0.01626
1.4481	83.7971	81.8826	949.264	1358.17	26.2458	6.58489	67.3151	-0.012813
1.4491	84.0706	81.1989	948.295	1358.04	25.188	6.55937	67.8085	-0.010313
1.4501	83.7971	81.8091	942.64	1359.13	25.2023	6.55875	67.5618	-0.011563
1.4511	83.25	82.4295	936.985	1358.68	25.8055	6.62969	67.7592	-0.010938
1.4521	83.6603	81.8091	935.668	1358.31	25.8893	6.61531	67.3644	-0.01125
1.4531	83.5236	82.1561	932.817	1358.04	25.9604	6.61812	67.4631	-0.010938
1.4541	83.6603	81.7458	930.847	1357.76	26.1661	6.61406	67.8112	-0.012813
1.4551	83.3868	81.8091	929.182	1357.9	26.258	6.61031	67.4631	-0.011875
1.4561	83.7971	81.8091	927.563	1358.31	26.1988	6.60969	67.6112	-0.012813
1.4571	83.3668	81.8826	926.649	1358.31	25.9278	6.60969	67.8579	-0.011663
1.4581	82.8388	81.8091	925.984	1358.94	25.8544	6.60594	67.7099	-0.008438
1.45911	83.9339	81.8091	924.136	1357.49	25.7322	6.60719	67.8579	-0.014063
1.46011	83.7971	81.7458	922.994	1357.35	25.2186	6.60594	68.2628	-0.011875
1.46111	83.7971	81.7458	920.824	1357.49	24.9781	6.60375	68.2526	-0.01125
1.46211	84.0706	81.8826	918.854	1357.49	25.7811	6.60656	68.4007	-0.011875
1.46311	83.7971	82.0193	916.027	1357.49	26.0827	6.60594	68.2526	-0.011875
1.46411	83.7971	81.8091	913.514	1356.67	26.3762	6.60406	68.0553	-0.011563
1.46511	83.25	82.0193	910.659	1357.49	27.2077	6.60987	68.0059	-0.012813
1.46611	83.6603	81.7458	907.116	1356.94	26.8205	6.60531	67.7592	-0.010938
1.46711	83.6236	82.1561	904.491	1356.26	27.4849	6.60219	67.7592	-0.011563
1.46811	83.7971	82.0193	900.379	1356.12	27.7417	6.60489	67.4631	-0.011563
1.46911	84.3442	81.1989	896.323	1355.85	27.1751	6.60666	67.3644	-0.012813

1.47011	83.9339	81.8826	894.44	1358.12	27.8028	6.60719	67.6112	-0.01375
1.47111	84.0706	81.1989	891.584	1356.71	27.4115	6.60344	67.8579	-0.01375
1.47211	83.7971	81.7458	889.186	1356.12	28.9305	6.59875	66.9697	-0.013438
1.47311	83.7971	81.8091	885.645	1356.53	26.8001	6.59875	67.2658	-0.012188
1.47411	83.9339	82.0193	882.581	1356.26	25.4265	6.54856	67.2164	-0.011875
1.47511	83.7971	81.8091	880.277	1356.26	25.3164	6.53219	67.3151	-0.013125
1.47611	83.5236	81.8091	877.65	1356.94	25.6833	6.59344	67.3644	-0.011663
1.47711	83.7971	81.8091	874.794	1357.35	26.0338	6.60406	67.3644	-0.013438
1.47811	83.7971	82.1561	872.51	1356.94	26.1153	6.59844	67.4631	-0.012813
1.47911	83.5236	81.8091	869.789	1355.85	26.1275	6.59719	67.8579	-0.012188
1.48011	83.7971	81.7458	868.398	1356.67	26.4982	6.59656	68.0059	-0.007813
1.48111	83.6603	81.1989	866.114	1355.58	26.3232	6.59781	68.0059	-0.014063
1.48211	83.7971	81.8826	864.515	1355.3	26.0379	6.59437	68.6474	-0.011875
1.48311	83.5236	81.8091	864.286	1355.85	26.0827	6.59562	68.4994	-0.01375
1.48411	83.5236	81.8826	864.058	1355.3	25.4754	6.59406	68.5487	-0.013125
1.48511	83.5236	81.8826	864.058	1354.76	25.4305	6.59156	68.6474	-0.012813
1.48611	83.25	81.7458	864.743	1355.3	24.6724	6.58969	68.6474	-0.014063
1.48711	83.7971	81.8826	864.743	1354.49	24.7061	6.58969	68.9435	-0.011563
1.48811	83.5236	81.7458	865.543	1354.49	25.3327	6.59219	68.9435	-0.010938
1.48911	83.5236	81.8826	866.114	1355.71	25.1778	6.59094	68.6474	-0.012813
1.49011	83.5236	81.8826	866.799	1354.62	25.9278	6.59094	68.6474	-0.011663
1.49111	83.7971	81.8091	866.398	1355.17	26.3354	6.58969	68.5487	-0.011875
1.49211	83.5236	81.8091	867.484	1354.82	26.1153	6.58844	68.3513	-0.014375
1.49311	82.9765	81.8091	866.284	1354.76	26.8082	6.59344	68.6474	-0.012813
1.49411	83.9339	81.7458	866.855	1354.76	26.8327	6.59219	68.154	-0.0125
1.49511	83.7971	81.7458	868.741	1355.71	26.4292	6.59344	67.8112	-0.014375
1.49611	83.9339	81.8826	869.083	1355.3	26.7471	6.59594	67.9072	-0.011563
1.49711	83.7971	81.7458	867.713	1354.49	26.849	6.58906	67.2658	-0.012188
1.49811	83.7971	81.7458	867.827	1354.49	26.0093	6.58156	67.8605	-0.011563
1.49911	83.7971	82.2928	868.913	1354.76	25.1737	6.53781	67.3151	-0.012813
1.50011	84.3442	81.7458	868.913	1356.26	24.7213	6.52187	67.4631	-0.011563
1.50111	83.5236	81.7458	867.941	1355.85	24.8069	6.58875	67.4138	-0.011563
1.50211	83.9339	82.2928	868.284	1355.58	25.1208	6.59656	67.4631	-0.009063
1.50311	83.6603	81.7458	868.627	1355.44	25.8466	6.59281	67.2658	-0.014063
1.50411	83.7971	81.7458	870.454	1355.85	25.7159	6.59406	67.8605	-0.012188
1.50511	83.7971	81.8091	872.396	1355.85	25.7403	6.59469	67.8605	-0.013125
1.50611	83.9339	82.0193	873.424	1355.3	25.5936	6.59406	67.9566	-0.012188
1.50711	83.6603	82.0193	876.165	1355.3	25.5528	6.59469	68.2033	-0.011875
1.50811	83.9339	81.3356	878.906	1355.44	25.7811	6.59219	68.4007	-0.012188
1.50911	83.9339	82.2928	880.505	1354.49	25.3698	6.58969	68.5487	-0.0125
1.51011	83.5236	81.4724	883.132	1354.76	26.1045	6.58719	68.8941	-0.011875
1.51111	82.8398	81.7458	885.531	1355.58	24.8843	6.58687	68.7954	-0.013125
1.51211	83.5236	82.0193	888.044	1354.21	24.4808	6.58594	69.0422	-0.013125
1.51311	83.5236	81.8091	891.699	1354.49	24.1425	6.58969	69.1409	-0.010313
1.51411	84.3442	81.3356	892.841	1354.08	23.7797	6.58938	69.0422	-0.012813
1.51511	83.7971	81.7458	895.81	1354.76	24.1262	6.58969	69.2365	-0.011875
1.51611	84.0706	82.2928	896.486	1353.53	25.0676	6.58812	69.0422	-0.012813
1.51711	83.25	81.7458	899.465	1354.76	25.2836	6.59156	68.8448	-0.011875
1.51811	83.7971	82.4295	901.293	1354.76	25.8544	6.58938	68.6981	-0.011563

1.51911	83.6803	81.8826	903.677	1354.62	25.9156	6.58969	68.7461	-0.010838
1.52011	83.7971	82.4296	906.406	1354.76	26.4292	6.59281	68.45	-0.012813
1.52111	83.3868	82.0193	908.374	1355.3	26.3354	6.59344	68.2526	-0.012813
1.52211	83.7971	82.1561	910.43	1355.3	25.8381	6.58406	68.0553	-0.012813
1.52311	83.5236	81.8826	913.172	1354.49	26.0093	6.55969	67.9566	-0.012813
1.52411	83.6803	81.7458	915.913	1355.03	26.2458	6.53437	68.3513	-0.010938
1.52511	83.6803	81.7458	917.612	1354.76	25.3816	6.52719	68.45	-0.014375
1.52611	83.3868	82.0193	920.482	1354.49	24.4238	6.60406	68.7461	-0.013125
1.52711	83.1133	81.8826	921.738	1355.17	24.8599	6.59166	68.5981	-0.013436
1.52811	83.7971	81.8826	925.279	1354.76	24.9985	6.59312	68.7461	-0.012188
1.52911	83.5236	81.7458	927.791	1355.85	25.2756	6.59656	68.7954	-0.014063
1.53011	83.6803	82.0193	930.875	1355.85	25.7892	6.58938	68.7461	-0.012813
1.53111	83.5236	81.8826	932.817	1355.3	25.7892	6.59344	69.1902	-0.01375
1.53211	83.5236	81.6091	936.558	1354.76	25.7892	6.58969	69.0422	-0.013125
1.53311	83.5236	81.6091	937.386	1356.94	26.0053	6.58938	69.2889	-0.010938
1.53411	83.5236	81.6091	938.985	1354.62	25.5447	6.58594	69.3876	-0.011563
1.53511	83.7971	81.8826	940.812	1354.76	25.4591	6.58656	69.3382	-0.008125
1.53611	83.5236	81.8826	942.411	1355.03	25.5243	6.58531	69.3382	-0.012813
1.53711	83.5236	81.7458	943.896	1355.3	25.0678	6.58489	69.1409	-0.012813
1.53811	83.5236	81.7458	945.809	1355.58	24.8721	6.58781	69.2395	-0.011875
1.53911	83.5236	81.8826	946.98	1354.49	24.6357	6.58844	69.2395	-0.011563
1.54011	83.3868	81.8826	949.036	1354.76	24.1873	6.58406	69.1902	-0.01125
1.54111	83.25	81.4724	950.883	1354.76	24.224	6.58719	69.3876	-0.012188
1.54211	83.7971	82.1561	952.006	1354.62	24.7376	6.58719	69.4369	-0.012813
1.54311	83.25	81.7458	954.082	1354.76	25.1045	6.58844	69.2395	-0.01375
1.54411	83.5236	81.8826	956.117	1355.85	25.0568	6.59031	69.4369	-0.014375
1.54511	83.6803	81.8826	957.489	1354.49	25.7889	6.59094	69.1409	-0.013125
1.54611	83.5236	81.8826	959.318	1354.08	25.8993	6.58781	69.0422	-0.013125
1.54711	83.25	82.0193	961.143	1353.67	26.2009	6.57312	68.7461	-0.01375
1.54811	83.7971	81.6091	962.742	1354.21	25.9034	6.54469	68.9436	-0.010938
1.54911	84.0706	82.2928	963.666	1354.49	26.0336	6.52312	68.6981	-0.012813
1.55011	83.5236	82.0193	966.511	1355.3	26.0827	6.56781	68.3613	-0.010938
1.55111	83.5236	81.8826	968.11	1354.21	25.3775	6.60437	68.45	-0.014063
1.55211	83.5236	81.8826	969.709	1354.76	24.4441	6.58687	67.9566	-0.012188
1.55311	83.7971	81.0822	971.894	1354.62	24.2811	6.59406	67.9566	-0.012813
1.55411	83.5236	81.7458	973.935	1354.21	24.5909	6.59094	67.8579	-0.011663
1.55511	83.3868	81.8826	974.849	1356.12	24.9822	6.58781	67.9566	-0.012188
1.55611	83.5236	81.7458	976.106	1354.62	25.4958	6.58656	67.8579	-0.0125
1.55711	83.25	81.4724	976.106	1355.3	25.6221	6.58281	68.0553	-0.010313
1.55811	83.6803	82.2928	976.791	1355.85	25.8914	6.57906	67.9566	-0.012813
1.55911	83.5236	81.8826	976.334	1354.76	25.9971	6.57989	68.45	-0.014688
1.56011	83.5236	81.7458	975.534	1354.76	26.0134	6.57989	68.7954	-0.012813
1.56111	83.3868	81.6091	975.534	1354.76	25.8996	6.57719	68.7461	-0.012813
1.56211	83.1133	81.8826	974.963	1354.76	26.6644	6.58126	68.7461	-0.012813
1.56311	83.5236	82.1561	975.306	1355.3	25.8218	6.57781	68.8448	-0.012813
1.56411	83.7971	81.7458	975.534	1353.94	25.4224	6.57937	68.7954	-0.0125
1.56511	83.25	81.8826	975.783	1353.94	25.2023	6.58125	68.7954	-0.011875
1.56611	82.9765	81.7458	976.677	1354.76	24.8333	6.58094	68.7954	-0.013125
1.56711	83.6803	81.8826	977.819	1354.21	24.4623	6.58156	68.6487	-0.012813

1.56811	84.0706	81.0622	980.103	1354.21	24.7947	6.58469	68.5487	-0.007813
1.56911	83.3868	81.7458	979.304	1354.21	25.3979	6.58406	68.2526	-0.012813
1.57011	83.5236	81.8826	980.674	1354.21	26.6262	6.58469	68.2033	-0.010938
1.57111	83.5236	81.7458	982.045	1354.21	25.8218	6.57781	68.154	-0.013125
1.57211	83.5236	81.8826	983.301	1354.49	26.1153	6.55094	67.4631	-0.011875
1.57311	83.7971	81.8826	984.786	1354.49	26.1275	6.53219	67.8579	-0.011563
1.57411	83.3868	81.8826	985.588	1354.78	26.0684	6.51687	67.7099	-0.013438
1.57511	83.5236	81.8826	986.728	1354.78	26.1236	6.58656	67.8085	-0.010938
1.57611	83.5236	81.8826	986.728	1355.3	25.8993	6.58594	67.3644	-0.011563
1.57711	83.25	81.7458	987.185	1356.12	25.5243	6.58406	67.6805	-0.013125
1.57811	83.5236	81.8826	986.728	1353.94	25.1982	6.58469	68.0563	-0.011663
1.57911	83.5236	81.8826	986.728	1354.21	24.7639	6.58469	67.9072	-0.010313
1.58011	83.3868	81.7458	986.814	1354.21	24.1099	6.58469	68.154	-0.012188
1.58111	83.5236	82.0193	986.357	1353.94	24.1588	6.58406	68.0059	-0.012813
1.58211	83.5236	81.7458	985.7	1354.49	24.6623	6.58406	68.2033	-0.011875
1.58311	84.0706	81.0622	984.9	1353.39	24.6805	6.58594	67.9566	-0.012813
1.58411	83.5236	81.8826	985.357	1353.67	24.974	6.58344	67.8579	-0.011563
1.58511	83.5236	81.8826	984.672	1353.53	25.2349	6.57989	67.4631	-0.012813
1.58611	82.703	81.8826	984.672	1353.67	24.9985	6.58187	67.8579	-0.012188
1.58711	83.25	82.0193	985.357	1354.35	25.0352	6.58344	67.4631	-0.012188
1.58811	83.3868	81.8826	984.672	1354.78	25.2188	6.58344	67.4631	-0.011875
1.58911	83.6803	81.8826	984.9	1354.62	25.0392	6.58469	67.4138	-0.012188
1.59011	82.9765	81.8826	986.728	1354.62	24.7661	6.58406	67.2164	-0.010313
1.59111	84.3442	82.0193	984.443	1353.94	24.6009	6.58344	68.871	-0.016313
1.59211	82.9765	81.8826	985.7	1354.35	24.3871	6.58719	67.019	-0.014063
1.59311	83.9339	81.0622	984.9	1353.8	23.9305	6.58219	67.2658	-0.012188
1.59411	83.3868	81.8826	984.329	1353.94	23.8939	6.58531	68.9897	-0.013125
1.59511	83.6803	82.0193	983.758	1353.94	24.4115	6.58858	68.871	-0.012188
1.59611	83.5236	81.7458	982.159	1354.82	24.7132	6.55989	68.9897	-0.012813
1.59711	83.5236	81.8826	981.245	1353.53	25.0718	6.53658	68.9203	-0.012813
1.59812	83.25	81.7458	980.56	1353.67	25.1411	6.51489	68.9203	-0.012813
1.59912	83.6803	82.0193	979.418	1353.67	25.2186	6.53613	67.1177	-0.010625
1.60012	82.9765	81.8826	979.075	1353.39	25.5121	6.59437	68.9897	-0.010313
1.60112	83.5236	82.1561	978.733	1352.67	25.4754	6.57906	68.9203	-0.010625
1.60212	83.5236	81.8826	979.875	1353.12	25.2186	6.58469	68.6736	-0.012813
1.60312	83.25	81.8826	979.189	1352.98	25.1897	6.58469	68.6736	-0.012188
1.60412	83.3868	82.0193	978.961	1352.85	25.0228	6.58281	68.6736	-0.011563
1.60512	83.7971	82.1561	980.103	1352.3	24.8153	6.57906	68.5749	-0.012813
1.60612	83.7971	81.8826	980.332	1352.85	24.118	6.57969	68.6256	-0.012813
1.60712	83.7971	81.7458	980.789	1353.39	23.8123	6.57969	68.6243	-0.011563
1.60812	83.9339	81.0622	981.131	1352.67	23.3436	6.57813	68.5258	-0.01125
1.60912	83.5236	81.6091	981.931	1353.39	23.1153	6.57969	68.5258	-0.012813
1.61012	83.7971	81.6091	981.931	1352.67	23.5963	6.57781	68.3775	-0.013438
1.61112	83.5236	81.7458	981.931	1353.12	23.8409	6.57969	68.3775	-0.012188
1.61212	83.5236	82.1561	983.073	1352.85	23.7757	6.58094	68.2789	-0.010313
1.61312	83.7971	82.4295	981.017	1352.03	24.1792	6.57844	68.8348	-0.013125
1.61412	83.5236	82.703	982.159	1352.98	24.3871	6.57906	68.1802	-0.012813
1.61512	83.5236	81.7458	981.245	1352.67	24.0854	6.58219	68.6736	-0.01375
1.61612	83.3868	81.8826	980.332	1352.98	24.2383	6.58376	68.2789	-0.012813

1.61712	83.5236	81.8826	979.418	1352.57	24.2363	6.58687	66.1802	-0.011563
1.61812	83.5236	81.8826	977.818	1352.57	23.9224	6.58469	66.8841	-0.011875
1.61912	83.9339	81.3356	975.534	1352.3	23.7716	6.58719	66.8841	-0.011563
1.62012	83.3868	82.0193	973.935	1351.48	23.8045	6.57969	66.8348	-0.011875
1.62112	83.25	82.0193	972.108	1352.57	23.2132	6.55281	66.0321	-0.010313
1.62212	83.5236	81.8826	971.194	1352.3	23.8286	6.52969	65.9828	-0.012813
1.62312	82.9785	81.8826	970.052	1351.75	24.4604	6.52281	65.8841	-0.009375
1.62412	83.5236	81.8826	970.168	1351.21	24.0243	6.5976	66.4893	-0.01376
1.62512	83.5236	81.8826	967.862	1351.21	25.0718	6.58969	66.6867	-0.014063
1.62612	83.5236	81.8826	967.082	1351.34	25.2675	6.59188	66.6867	-0.012813
1.62712	83.3868	81.8826	966.064	1351.48	24.5563	6.5925	65.588	-0.013438
1.62812	83.25	81.8826	964.113	1351.07	25.5773	6.59469	65.588	-0.011563
1.62912	83.5236	82.1561	963.199	1350.8	25.3898	6.58906	65.3907	-0.011875
1.63012	83.5236	81.3356	960.688	1350.39	24.8599	6.59219	65.292	-0.011876
1.63112	83.5236	81.8826	959.745	1351.21	25.2675	6.58906	65.0946	-0.012188
1.63212	83.5236	81.8826	956.689	1351.21	25.1656	6.58719	65.0946	-0.012188
1.63312	83.3868	81.8826	955.204	1349.98	24.0877	6.58594	64.8972	-0.011563
1.63412	83.5236	81.7458	952.919	1349.57	24.2077	6.58469	64.7492	-0.012813
1.63512	83.5236	81.8826	948.808	1349.02	24.1833	6.58594	64.157	-0.015313
1.63612	83.3868	81.8826	946.886	1349.84	22.9523	6.59094	64.3051	-0.012813
1.63712	83.5236	81.8826	944.896	1350.39	23.9436	6.59188	65.0946	-0.011563
1.63812	83.25	81.8826	941.726	1350.39	23.6619	6.59094	64.5518	-0.011563
1.63912	83.25	81.8826	938.185	1350.11	23.7186	6.5925	64.5024	-0.012813
1.64012	83.5236	81.7458	935.558	1349.98	23.8327	6.59219	64.3051	-0.012813
1.64112	83.5236	81.7458	933.045	1349.57	24.3993	6.59156	64.4531	-0.0126
1.64212	83.6603	81.7458	931.446	1349.57	24.1056	6.59375	64.3051	-0.012188
1.64312	82.703	81.8826	928.248	1349.43	24.2199	6.59469	64.3051	-0.014063
1.64412	83.7971	81.4724	926.992	1349.16	24.3993	6.59219	64.3051	-0.012188
1.64512	83.3868	81.7458	925.984	1349.3	23.9956	6.57219	64.3051	-0.01375
1.64612	83.5236	81.7458	924.385	1347.38	23.1928	6.53969	63.8118	-0.014376
1.64712	83.6603	81.7458	922.766	1347.66	23.8653	6.52156	63.9103	-0.012813
1.64812	83.3868	81.8826	921.862	1347.11	23.089	6.58719	64.0583	-0.011875
1.64912	83.5236	81.8826	920.263	1347.93	23.0705	6.59969	63.9103	-0.012188
1.65012	83.5236	82.0193	919.111	1348.75	23.8735	6.59469	63.6142	-0.012188
1.65112	84.2074	81.1989	917.74	1347.52	23.9142	6.59437	63.5156	-0.012188
1.65212	83.5236	81.8826	915.227	1347.93	24.1262	6.59156	63.4169	-0.012188
1.65312	83.5236	82.4295	913.614	1348.56	24.7784	6.59094	63.3182	-0.011563
1.65412	82.9785	81.8826	909.973	1347.11	25.08	6.59156	62.9234	-0.010626
1.65512	83.5236	82.4295	906.318	1348.84	25.1819	6.58969	62.9728	-0.011875
1.65612	83.25	82.1561	904.034	1348.02	24.9292	6.58906	63.0714	-0.009063
1.65712	83.7971	82.1561	897.961	1348.02	25.1941	6.58666	62.1339	-0.015313
1.65812	83.3868	81.7458	894.897	1348.02	25.2267	6.58469	62.726	-0.01375
1.65912	83.7971	82.4295	892.384	1344.92	24.9496	6.58719	62.9234	-0.012813
1.66012	84.0706	81.3356	888.386	1345.74	25.0229	6.59188	62.2326	-0.012813
1.66112	83.3868	81.8826	885.759	1346.02	24.8602	6.58938	62.5287	-0.011563
1.66212	83.5236	81.7458	883.018	1345.61	24.1873	6.58844	62.2326	-0.011563
1.66312	83.5236	81.8826	880.163	1344.92	23.0827	6.58312	62.1339	-0.012813
1.66412	83.7971	81.0822	878.678	1344.11	23.046	6.59281	62.2819	-0.010625
1.66512	83.3868	81.8826	876.965	1344.11	23.3884	6.59344	62.1339	-0.013125

1.66612	83.3868	81.7458	875.48	1344.65	23.5107	6.59469	61.9385	-0.013125
1.66712	84.0706	81.3356	874.338	1343.58	23.6656	6.59312	61.9365	-0.012813
1.66812	83.5236	82.0193	872.624	1343.01	23.8205	6.59094	61.295	-0.014686
1.66912	83.7971	82.4295	871.598	1343.58	24.0569	6.57719	61.4924	-0.012188
1.67012	83.25	82.0193	871.482	1343.83	23.7838	6.55125	61.5418	-0.010938
1.67112	83.3868	81.8826	870.226	1343.7	23.9632	6.52844	60.9496	-0.01125
1.67212	83.5236	82.1561	870.568	1343.58	23.8001	6.54656	60.9496	-0.012188
1.67312	83.5236	81.8826	868.627	1343.29	23.4944	6.60437	60.7029	-0.012813
1.67412	83.25	81.8826	867.713	1343.29	23.4903	6.58969	60.8509	-0.012813
1.67512	83.5236	81.7458	866.114	1343.15	23.1113	6.59408	60.8042	-0.012813
1.67612	83.25	82.0193	865.2	1342.74	22.7485	6.59094	60.5055	-0.012813
1.67712	83.5236	81.8826	864.068	1342.74	22.6914	6.59281	60.7523	-0.012188
1.67812	83.5236	81.8826	862.469	1342.47	22.6588	6.59156	60.6538	-0.011583
1.67912	83.7971	81.0622	863.373	1342.19	23.1113	6.58938	60.4582	-0.009688
1.68012	83.25	81.8826	861.774	1342.06	23.7349	6.58844	60.5548	-0.012813
1.68112	83.5236	81.6091	862.345	1342.06	23.8572	6.58719	60.9496	-0.011875
1.68212	83.25	81.8826	861.888	1340.55	24.1914	6.58594	60.4582	-0.013438
1.68312	83.5236	82.0193	862.002	1340.42	24.6398	6.58781	60.4068	-0.014063
1.68412	83.3868	81.8826	862.459	1339.87	24.5786	6.58812	60.1601	-0.01125
1.68512	83.6603	81.7458	862.459	1340.55	24.3341	6.58844	60.3575	-0.011583
1.68612	83.3868	81.8826	862.816	1340.55	25.0107	6.58781	59.9627	-0.011875
1.68712	83.5236	81.8826	862.002	1339.87	24.5949	6.58844	59.6667	-0.01125
1.68812	82.703	81.7458	862.002	1341.1	24.5949	6.58781	59.588	-0.01125
1.68912	83.9339	81.7458	861.774	1339.19	24.4034	6.58876	59.588	-0.014063
1.69012	82.9765	81.8826	861.068	1338.91	23.2847	6.58908	59.2719	-0.011875
1.69112	83.5236	82.0193	860.831	1338.91	22.7893	6.58906	59.3708	-0.014688
1.69212	83.25	81.8826	860.86	1338.91	22.7485	6.59094	59.716	-0.012813
1.69312	83.5236	81.8826	861.431	1339.46	23.2947	6.59094	59.1732	-0.012813
1.69412	83.25	81.8826	861.317	1338.91	23.4414	6.58844	59.2719	-0.012188
1.69512	84.0706	81.0622	862.23	1338.84	23.5474	6.53906	59.0745	-0.012813
1.69612	83.6603	81.8826	863.373	1339.73	23.8286	6.51719	59.3213	-0.011583
1.69712	83.5236	81.8826	865.429	1338.91	23.6269	6.55562	59.2719	-0.014063
1.69812	83.6603	81.1989	868.398	1338.37	23.6697	6.59504	59.1732	-0.013438
1.69912	83.9339	81.0622	871.139	1337.82	23.7349	6.58281	59.2719	-0.012813
1.70012	83.5236	82.4295	873.852	1336.73	23.6678	6.58406	59.2719	-0.012813
1.70112	82.9765	81.8826	877.079	1337	23.4292	6.58219	58.9758	-0.009063
1.70212	83.5236	82.1561	877.65	1336.73	23.0501	6.58469	58.8772	-0.016625
1.70312	83.5236	82.1561	880.048	1336.05	22.8585	6.58281	58.8278	-0.012188
1.70412	83.5236	82.1561	881.076	1336.73	22.508	6.57969	58.9758	-0.012813
1.70512	83.3868	81.8826	882.581	1337	22.1982	6.57906	58.6317	-0.011875
1.70612	83.9339	82.4295	883.475	1335.91	21.9088	6.57469	58.5811	-0.010938
1.70712	83.5236	82.0193	884.16	1336.16	21.6928	6.57406	58.5811	-0.010938
1.70812	83.25	82.1561	884.731	1335.09	22.3164	6.5775	58.2357	-0.012813
1.70912	83.6603	82.4295	884.846	1335.5	22.9523	6.57469	58.3837	-0.012813
1.71012	83.25	81.6091	885.874	1336.73	22.9158	6.5775	58.2357	-0.011875
1.71112	83.5236	81.8826	886.787	1334.88	23.4088	6.57906	58.137	-0.011583
1.71212	83.25	81.8826	886.843	1334.82	23.3354	6.57719	57.9889	-0.009063
1.71312	82.9765	81.7458	890.899	1335.09	23.421	6.57781	57.9889	-0.012188
1.71412	83.5236	82.0193	893.869	1334.54	23.8572	6.57906	58.3837	-0.012813

1.71612	83.5238	81.8828	896.838	1334.54	23.7104	6.57781	57.9889	-0.012188
1.71812	83.3888	81.7458	900.379	1333.72	23.5515	6.57989	57.9396	-0.012813
1.71712	83.5238	82.4295	902.548	1332.5	23.8534	6.58219	57.9889	-0.012188
1.71812	83.25	81.8828	906.318	1332.91	23.5189	6.57989	57.4955	-0.011583
1.71912	83.3888	82.0193	908.831	1332.36	22.581	6.56489	57.5942	-0.012813
1.72012	82.4295	81.3358	911.344	1332.91	21.811	6.52989	57.5448	-0.011583
1.72112	83.5238	82.1561	914.428	1332.36	22.2431	6.50489	57.4955	-0.011583
1.72212	83.5238	82.0193	916.37	1332.22	22.867	6.54989	57.2488	-0.012813
1.72312	83.25	81.8828	919.111	1332.22	22.8962	6.58887	57.1994	-0.009375
1.72412	83.9339	82.1561	918.428	1330.72	23.0583	6.57219	56.9034	-0.013438
1.72512	83.7971	82.1561	921.281	1331.27	23.2091	6.57344	57.0514	-0.012813
1.72612	83.3888	82.0193	921.852	1331.54	23.3599	6.57344	56.8047	-0.012813
1.72712	83.3888	81.8828	923.88	1331.27	23.3436	6.57489	56.558	-0.012813
1.72812	83.9339	82.4295	925.393	1330.58	23.2865	6.57094	56.558	-0.012188
1.72912	83.5238	82.4295	926.992	1330.72	23.3232	6.57156	56.4099	-0.012188
1.73012	83.5238	82.1561	928.705	1330.72	23.3232	6.56781	56.706	-0.011583
1.73112	83.1133	82.1561	931.446	1330.58	23.099	6.56344	56.2619	-0.012813
1.73212	83.5238	82.0193	933.502	1330.46	22.8058	6.56594	56.8073	-0.012813
1.73312	83.3888	81.8828	935.568	1328.63	22.6833	6.56594	56.4593	-0.01375
1.73412	82.9765	82.1561	938.528	1328.08	22.4876	6.56281	56.3112	-0.009063
1.73512	83.5238	81.7458	939.67	1328.26	22.0882	6.56219	56.2125	-0.013125
1.73613	82.9765	81.8828	942.528	1328.53	21.9659	6.56094	56.558	-0.012188
1.73713	83.3888	82.0193	944.696	1328.53	22.2757	6.55937	55.8178	-0.012188
1.73813	83.25	81.6091	946.98	1328.63	22.7893	6.56219	56.1138	-0.011875
1.73913	83.25	81.8828	948.579	1328.4	22.9787	6.55989	55.7684	-0.012813
1.74013	83.3888	81.8828	950.178	1327.72	23.311	6.55989	55.7684	-0.011875
1.74113	83.3888	81.8828	951.32	1327.44	23.474	6.56125	55.6217	-0.012813
1.74213	83.25	81.8828	952.891	1327.17	23.8289	6.56219	55.0283	-0.011875
1.74313	83.5238	82.2928	954.29	1328.26	23.5189	6.5675	54.8309	-0.015313
1.74413	83.5238	81.8828	954.518	1328.62	23.5841	6.53658	54.8309	-0.012813
1.74513	83.3888	81.7458	955.432	1328.08	23.6615	6.51219	55.0778	-0.008438
1.74613	82.9765	81.1989	954.861	1325.67	23.2947	6.48906	54.7322	-0.014063
1.74713	83.5238	81.7458	956.674	1325.8	23.1642	6.54219	55.275	-0.010938
1.74813	83.25	81.8828	957.945	1326.08	22.7159	6.56989	55.2268	-0.011875
1.74913	83.5238	81.8828	958.402	1326.21	21.5601	6.56887	54.8309	-0.012813
1.75013	83.25	81.8828	959.658	1325.26	21.7295	6.56158	54.8309	-0.014063
1.75113	83.5238	81.7458	961.143	1324.18	22.2349	6.56989	54.7815	-0.0125
1.75213	83.25	81.8828	962.742	1324.18	22.3979	6.55781	54.5348	-0.01125
1.75313	83.3888	82.1561	963.884	1324.71	22.6507	6.55658	54.7322	-0.012188
1.75413	83.3888	81.8828	964.684	1325.8	22.8463	6.55344	54.8336	-0.012188
1.75513	83.5238	82.1561	966.825	1324.44	22.8178	6.55062	54.2387	-0.011875
1.75613	83.25	81.8828	968.339	1323.89	23.0297	6.54844	54.1401	-0.010938
1.75713	83.5238	82.0193	968.453	1323.89	23.099	6.54688	53.9427	-0.013438
1.75813	83.3888	81.8828	969.695	1323.07	22.8871	6.54889	54.2387	-0.013438
1.75913	83.5238	82.0193	970.281	1323.07	22.9849	6.54906	53.7453	-0.011583
1.76013	83.3888	81.8828	970.609	1322.53	23.0176	6.54906	53.6479	-0.011583
1.76113	83.25	82.0193	970.988	1322.53	22.8914	6.54888	53.3505	-0.010825
1.76213	83.3888	81.8828	971.08	1321.98	22.6018	6.54719	53.2519	-0.012188
1.76313	83.25	81.8828	971.851	1321.3	22.5447	6.54844	53.1038	-0.010938

1.76413	83.25	82.1561	971.88	1321.16	22.1249	6.54781	52.8571	-0.012188
1.76513	83.5236	81.8826	971.423	1321.16	21.7376	6.54969	52.8571	-0.011875
1.76613	83.3868	81.8826	971.651	1319.66	21.974	6.54969	52.4823	-0.013125
1.76713	83.3868	81.7458	971.68	1318.29	22.2186	6.54812	52.561	-0.009063
1.76813	82.8398	81.3356	971.194	1317.61	22.5039	6.54562	52.4623	-0.011875
1.76913	83.25	81.6091	971.423	1317.61	22.8952	6.52375	52.1663	-0.011563
1.77013	83.25	82.0193	972.793	1317.2	22.9441	6.49969	52.561	-0.011563
1.77113	83.5236	81.8826	974.392	1317.06	23.1439	6.48406	51.6726	-0.012188
1.77213	83.25	82.1561	975.763	1317.33	23.3844	6.53344	51.2761	-0.011563
1.77313	83.25	81.6091	975.763	1316.79	23.2906	6.56844	51.4261	-0.012813
1.77413	83.5236	82.1561	977.362	1316.62	23.258	6.54969	51.0807	-0.015625
1.77513	82.9766	81.7458	978.276	1316.62	23.1642	6.55344	50.982	-0.012188
1.77613	82.703	81.8826	978.618	1317.33	22.936	6.54906	50.834	-0.013125
1.77713	83.1133	81.8826	979.304	1316.24	22.6833	6.55031	50.834	-0.012613
1.77813	83.5236	82.1561	981.245	1315.29	22.4306	6.54844	50.6366	-0.010313
1.77913	83.1133	81.8826	980.332	1314.06	22.023	6.54469	50.3899	-0.012813
1.78013	83.5236	81.8826	981.131	1313.78	21.599	6.54437	50.7846	-0.011875
1.78113	83.1133	81.7458	981.131	1313.24	21.4034	6.54437	50.3899	-0.011563
1.78213	83.3868	81.8826	980.788	1311.74	21.7947	6.53719	50.2418	-0.0125
1.78313	83.25	81.8826	980.56	1311.06	22.1897	6.54469	50.4886	-0.011563
1.78413	82.703	81.1989	979.969	1310.23	22.1412	6.54094	49.7977	-0.013125
1.78513	83.7971	81.8826	979.418	1309.41	22.1656	6.53844	49.8964	-0.010938
1.78613	83.5236	81.8826	979.961	1308.18	22.4632	6.53969	49.7484	-0.012813
1.78713	83.3868	81.8826	979.189	1308.06	22.4306	6.54166	49.699	-0.01125
1.78813	83.25	81.8826	979.418	1305.86	22.3531	6.53969	49.7977	-0.012813
1.78913	82.703	81.0622	979.304	1304.22	22.2838	6.53813	49.3536	-0.011563
1.79013	83.25	81.6091	979.418	1302.99	22.3816	6.54062	49.403	-0.012188
1.79113	83.3868	82.0193	979.875	1302.04	22.1534	6.53813	49.2058	-0.012813
1.79213	82.8398	81.7458	980.332	1300.81	21.9903	6.53969	49.6003	-0.010938
1.79313	83.25	82.0193	979.969	1298.76	21.8436	6.53906	48.9085	-0.011875
1.79413	83.25	81.7458	979.875	1297.12	21.4971	6.51656	48.6106	-0.012813
1.79513	83.3868	81.4724	979.875	1296.62	21.2037	6.48656	48.3174	-0.012813
1.79613	83.25	81.8826	978.861	1292.75	21.4197	6.48406	48.3667	-0.013438
1.79713	83.25	82.1561	978.861	1291.79	21.811	6.49594	48.12	-0.011563
1.79813	83.9339	82.2828	977.69	1290.02	21.974	6.54281	47.9226	-0.013125
1.79913	83.25	82.0193	975.763	1287.83	22.1289	6.52781	47.7746	-0.013125
1.80013	83.7971	82.1561	976.763	1284.83	22.4509	6.53094	47.8239	-0.010313
1.80113	83.1133	81.6091	974.621	1282.64	22.4306	6.52594	47.6266	-0.011563
1.80213	83.5236	81.8826	972.108	1280.73	22.3001	6.52719	48.0213	-0.010313
1.80313	82.8398	81.3356	973.022	1279.08	22.6221	6.52666	47.9226	-0.012813
1.80413	83.3868	82.0193	971.537	1276.63	22.6221	6.52219	47.7253	-0.011875
1.80513	83.1133	82.0193	971.651	1275.27	22.5202	6.52469	48.0213	-0.012813
1.80613	83.5236	82.0193	971.194	1272.54	22.3653	6.51875	47.9226	-0.012813
1.80713	83.3868	82.1561	972.108	1269.39	21.9007	6.51719	48.268	-0.011563
1.80813	82.9766	81.8826	972.108	1266.26	21.7621	6.51969	47.8239	-0.013125
1.80913	82.9766	81.8826	972.679	1264.48	21.4034	6.51844	47.6266	-0.01375
1.81013	83.3868	81.7458	973.25	1260.65	21.1466	6.51563	47.6266	-0.011563
1.81113	83.25	81.8826	973.022	1258.06	20.8409	6.51594	47.4282	-0.011563
1.81213	82.9766	81.7458	972.585	1255.19	20.3558	6.51469	47.0344	-0.013125

1.81313	83.25	81.8826	973.26	1253.89	20.4985	6.51469	46.837	-0.013438
1.81413	83.25	81.7458	973.022	1251.78	20.7186	6.51667	46.5903	-0.0125
1.81513	83.25	82.1581	972.108	1249.88	20.8287	6.51469	46.4816	-0.013125
1.81613	82.9765	82.0193	971.851	1247.27	21.2403	6.51563	46.2943	-0.0125
1.81713	82.5663	81.7458	971.423	1244.87	21.3341	6.51594	46.3929	-0.01125
1.81813	82.9765	82.4295	970.623	1241.94	21.273	6.5176	46.2449	-0.010625
1.81913	83.25	81.7458	969.824	1239.48	21.2118	6.50989	46.0475	-0.011875
1.82013	82.9765	82.4295	969.824	1236.75	21.33	6.48219	46.1482	-0.01125
1.82113	82.9765	81.8826	969.253	1235.93	21.4238	6.45344	46.0989	-0.012813
1.82213	83.25	81.7458	968.681	1232.38	20.9958	6.43625	46.1956	-0.011875
1.82313	83.25	82.0193	968.226	1229.51	21.3871	6.50156	46.1462	-0.013125
1.82413	83.3868	81.3356	967.425	1225.82	20.898	6.50719	46.1462	-0.012813
1.82513	83.5236	81.6091	966.826	1222.66	20.792	6.50344	46.1462	-0.012813
1.82613	83.1133	82.1581	966.826	1219.27	20.417	6.50469	45.8995	-0.012813
1.82713	83.3868	81.8826	966.397	1216.99	20.9266	6.50719	45.8502	-0.011583
1.82813	83.7971	81.7458	965.712	1213.67	21.2486	6.50156	45.6034	-0.011583
1.82913	82.9765	82.0193	965.712	1211.48	21.6012	6.49937	45.3567	-0.011583
1.83013	83.5236	81.8826	964.57	1208.89	21.7988	6.49781	45.0806	-0.012813
1.83113	83.25	81.8826	963.999	1207.52	21.8558	6.49406	45.0806	-0.012188
1.83213	83.25	81.7458	962.971	1204.24	21.7295	6.49219	44.8659	-0.013438
1.83313	83.25	81.6091	962.971	1201.38	22.186	6.49406	44.4192	-0.013438
1.83413	83.25	81.6091	960.001	1197.83	22.3287	6.48219	44.1231	-0.012813
1.83513	83.25	81.8826	957.945	1195.78	21.8681	6.4925	44.2711	-0.013438
1.83613	82.703	82.2928	956.574	1182.91	22.4878	6.49219	44.5178	-0.013438
1.83713	83.3868	82.1581	953.49	1190.04	21.8577	6.49187	44.3205	-0.010938
1.83813	82.2928	82.4295	952.008	1187.31	21.848	6.49281	44.4685	-0.011583
1.83913	83.25	81.8826	950.178	1184.85	22.4102	6.48844	44.3698	-0.014063
1.84013	82.9765	81.1989	948.351	1182.39	21.3178	6.49094	44.5178	-0.012188
1.84113	83.25	81.7458	948.409	1179.93	21.2587	6.48969	44.4685	-0.012813
1.84213	82.9765	81.8826	945.381	1176.93	21.0936	6.49344	44.5672	-0.013438
1.84313	83.1133	81.8826	944.01	1173.92	20.3355	6.48406	44.3898	-0.012813
1.84413	83.3868	81.8826	942.069	1171.74	20.417	6.49219	44.6165	-0.010938
1.84513	83.25	81.8826	940.927	1170.1	20.311	6.47969	44.0244	-0.016
1.84613	83.3868	81.8826	939.213	1168.32	20.9958	6.45375	44.4685	-0.014063
1.84713	83.3868	81.6091	938.299	1167.23	20.9876	6.42969	44.7646	-0.011583
1.84813	83.1133	82.1581	938.472	1166.28	21.0589	6.43406	44.6659	-0.013438
1.84913	82.703	82.0193	935.33	1164.09	21.33	6.50344	44.7646	-0.011583
1.85013	82.9765	81.6091	932.817	1162.31	21.0488	6.48594	44.5672	-0.01125
1.85113	83.1133	82.0193	930.076	1159.72	21.167	6.48844	44.7152	-0.010938
1.85213	83.25	82.0193	927.906	1158.08	21.1507	6.48469	44.7646	-0.011875
1.85313	83.9339	82.0193	925.736	1157.26	20.8126	6.48469	44.4685	-0.010938
1.85413	83.3868	81.3356	923.68	1154.8	21.2159	6.48594	44.7646	-0.011583
1.85513	83.25	81.8826	920.824	1153.71	20.7634	6.48438	44.7646	-0.012188
1.85613	83.25	81.8826	918.768	1151.52	20.1031	6.47781	44.3698	-0.014063
1.85713	83.25	81.8826	916.712	1150.98	20.1846	6.47844	44.9619	-0.014688
1.85813	83.3868	81.8826	915.342	1149.34	20.0991	6.47469	45.3074	-0.012813
1.85913	83.3868	82.0193	913.514	1148.79	20.4822	6.47563	44.9819	-0.011583
1.86013	83.25	81.8826	911.801	1147.97	20.5558	6.47969	45.2087	-0.012813
1.86113	83.25	81.6091	910.43	1146.47	21.224	6.47719	45.258	-0.011875

1.86213	83.1133	81.8826	908.517	1144.97	21.1914	6.47344	45.6528	-0.010938
1.86313	83.1133	81.8826	907.118	1144.56	21.33	6.47094	45.3567	-0.01125
1.86413	82.9765	81.8826	905.405	1143.6	21.7784	6.47082	45.258	-0.012813
1.86513	82.9765	81.7458	904.491	1142.51	21.8887	6.47344	45.3567	-0.012813
1.86613	82.9765	82.1561	902.664	1141.42	21.8191	6.47406	45.5541	-0.010938
1.86713	82.9765	81.6091	899.894	1140.05	21.8762	6.47219	45.1593	-0.014063
1.86813	83.25	81.8826	898.438	1140.32	21.9292	6.47594	45.3567	-0.011563
1.86913	82.9765	81.8826	895.698	1139.84	21.8844	6.47344	45.8995	-0.010938
1.87013	82.9765	81.7458	893.983	1138.82	21.7213	6.47281	45.5541	-0.014063
1.87113	83.1133	81.7458	890.442	1138.41	21.9333	6.45156	45.3567	-0.013438
1.87213	82.9765	81.8826	887.016	1138.23	21.2485	6.42406	45.1593	-0.012813
1.87313	83.5238	81.8826	884.389	1138.23	21.1629	6.40344	45.4554	-0.012813
1.87413	83.3868	81.8826	882.104	1136.27	20.9273	6.43656	45.3567	-0.011563
1.87514	83.25	81.8826	879.82	1134.18	19.6761	6.48344	45.4554	-0.012188
1.87614	82.9765	81.8826	876.393	1134.04	20.4414	6.46719	45.4554	-0.011875
1.87714	83.25	82.0193	874.794	1133.36	20.6575	6.46906	45.7021	-0.012188
1.87814	83.3868	82.0193	871.826	1131.17	20.2132	6.46469	45.3567	-0.013438
1.87914	82.9765	82.2928	869.54	1131.86	20.8654	6.46594	45.8528	-0.012813
1.88014	83.25	81.8826	867.37	1131.86	20.8939	6.46469	45.8502	-0.012813
1.88114	83.25	82.0193	865.771	1131.58	20.7594	6.46062	45.7515	-0.012188
1.88214	83.25	81.8826	863.373	1131.17	21.0243	6.45844	45.8528	-0.012813
1.88314	82.9765	82.1561	862.23	1128.85	20.6942	6.45469	45.3567	-0.011875
1.88414	83.25	82.2928	861.088	1128.58	20.7023	6.45281	45.0113	-0.012188
1.88514	82.9765	81.3356	860.289	1127.49	20.7227	6.45313	44.9619	-0.012813
1.88614	83.25	81.7458	859.489	1128.03	20.4577	6.45313	45.1593	-0.010313
1.88714	82.4295	82.0193	858.575	1127.21	20.3436	6.44969	44.9619	-0.011503
1.88814	82.9765	81.8826	857.433	1126.67	20.1317	6.44781	44.9126	-0.011875
1.88914	83.3868	82.0193	856.52	1125.3	19.7404	6.44469	44.4192	-0.015825
1.89014	83.25	81.8826	856.52	1126.12	19.6711	6.44812	44.9619	-0.012813
1.89114	82.9765	81.8826	856.291	1126.71	19.561	6.44906	45.5047	-0.013125
1.89214	83.1133	81.6091	855.149	1125.03	19.9931	6.45156	45.3074	-0.012813
1.89314	83.1133	81.7458	854.892	1124.34	20.1928	6.45437	45.3074	-0.011875
1.89414	83.3868	81.6091	853.207	1123.93	20.4374	6.44969	45.0606	-0.012188
1.89514	82.9765	82.2928	851.288	1122.02	20.7675	6.45187	46.258	-0.012188
1.89614	82.9765	81.8826	849.868	1121.75	20.7757	6.44906	45.3567	-0.011875
1.89714	82.9765	81.8826	849.21	1121.48	21.1221	6.42719	45.1593	-0.013125
1.89814	82.8396	81.3356	847.839	1121.34	21.2689	6.40219	45.1593	-0.0125
1.89914	83.9339	81.6091	846.925	1119.84	21.3056	6.37969	45.11	-0.012813
1.90014	83.25	82.0193	847.725	1120.25	21.3626	6.40719	44.9619	-0.010313
1.90114	82.9765	82.703	846.354	1118.74	21.3687	6.45469	45.0606	-0.014375
1.90214	83.1133	82.1561	846.24	1118.74	21.3545	6.44281	45.5047	-0.011875
1.90314	82.4295	82.1561	845.897	1119.58	21.2077	6.44469	45.0113	-0.0125
1.90414	82.9765	82.1561	846.811	1120.25	21.224	6.44406	45.3567	-0.012813
1.90514	83.25	82.1561	845.897	1118.74	20.5474	6.43989	45.3567	-0.011563
1.90614	83.25	82.1561	845.783	1120.11	19.7893	6.43694	45.5541	-0.013438
1.90714	83.5238	81.8826	845.783	1120.11	19.6385	6.43469	45.6528	-0.013438
1.90814	83.1133	82.1561	845.555	1118.74	19.8015	6.43406	45.5541	-0.012813
1.90914	83.1133	82.1561	845.212	1118.74	20.0084	6.43219	45.7021	-0.012813
1.91014	82.9765	82.1561	845.098	1118.2	20.1969	6.42719	46.0475	-0.012188

1.91114	82.9765	82.0193	846.24	1118.2	20.1928	6.42781	45.9488	-0.012813
1.91214	82.9765	81.8828	846.011	1118.74	20.3355	6.43156	46.1462	-0.013438
1.91314	82.9765	81.1989	847.268	1118.74	20.3885	6.42719	46.6397	-0.012813
1.91414	82.9765	81.8828	848.981	1118.74	20.384	6.42812	46.2449	-0.013438
1.91514	83.1133	82.1561	850.923	1118.74	20.3436	6.43219	46.0969	-0.013126
1.91614	82.703	81.6091	851.494	1118.74	20.3395	6.42719	46.3929	-0.011563
1.91714	82.703	81.7458	853.321	1118.08	20.1235	6.42644	46.0969	-0.012188
1.91814	82.8398	81.8828	854.235	1117.93	20.0542	6.42908	46.1462	-0.011563
1.91914	83.1133	81.6091	856.834	1117.52	19.9806	6.42656	46.9488	-0.011563
1.92014	82.4295	81.7458	856.976	1117.93	19.6262	6.42531	45.9982	-0.011875
1.92114	82.2928	81.7458	856.976	1115.74	19.4878	6.42719	45.9488	-0.013125
1.92214	82.703	81.7458	856.347	1117.38	19.2798	6.42406	45.6528	-0.010313
1.92314	82.9765	82.0193	856.748	1115.47	18.9374	6.40781	45.6528	-0.01375
1.92414	82.703	81.7458	857.89	1115.6	18.7784	6.37969	45.8502	-0.012813
1.92514	82.4295	81.8828	859.032	1115.47	18.6113	6.35281	45.3567	-0.012813
1.92614	83.25	82.4295	860.631	1115.33	18.8192	6.35989	45.3567	-0.01375
1.92714	82.9765	82.0193	862.23	1115.19	19.5121	6.42719	45.258	-0.011663
1.92814	82.9765	81.7458	863.829	1114.92	19.5488	6.40989	45.0908	-0.013125
1.92914	83.5236	81.8828	865.657	1115.19	19.8056	6.41313	44.8633	-0.01125
1.93014	82.9765	81.7458	866.685	1115.47	19.9849	6.40844	45.3074	-0.01375
1.93114	82.9765	81.8828	868.398	1116.01	20.1235	6.40937	45.258	-0.012188
1.93214	82.9765	82.1561	870.911	1115.33	20.1724	6.40489	45.3567	-0.012813
1.93314	82.8398	81.8828	873.195	1116.01	20.2702	6.40406	45.6047	-0.01125
1.93414	82.9765	82.1561	873.768	1115.88	20.3192	6.40219	45.6047	-0.013438
1.93514	82.9765	82.0193	875.023	1115.47	20.3558	6.39969	46.0476	-0.01125
1.93614	82.8398	82.1561	876.622	1115.74	20.2682	6.39908	45.6528	-0.010838
1.93714	82.9765	82.1561	877.992	1115.74	20.148	6.39969	45.7515	-0.012813
1.93814	83.1133	82.0193	878.906	1115.33	19.989	6.39469	45.7021	-0.013438
1.93914	82.8398	82.1561	880.962	1114.37	19.5447	6.39281	45.8528	-0.011563
1.94014	83.6603	82.1561	883.475	1114.24	18.8926	6.39469	45.5541	-0.012813
1.94114	82.9765	82.0193	884.846	1114.37	18.9007	6.39562	46.7021	-0.013125
1.94214	82.9765	82.4295	886.673	1114.37	19.2309	6.39281	45.3567	-0.012813
1.94314	82.9765	81.8828	889.072	1113.83	19.4308	6.39094	45.6528	-0.014063
1.94414	82.8398	82.1561	891.128	1113.83	19.6262	6.39094	45.6528	-0.010313
1.94514	82.9765	81.8828	891.47	1116.08	19.6751	6.39008	45.6034	-0.014063
1.94614	82.8398	81.8828	894.44	1115.19	19.7485	6.39089	46.0969	-0.011875
1.94714	82.703	81.8828	895.125	1114.92	19.8382	6.39125	45.7021	-0.0125
1.94814	83.25	82.0193	896.267	1115.47	19.8382	6.39094	45.8995	-0.012188
1.94914	82.703	81.8828	897.524	1114.37	19.936	6.38406	45.9488	-0.011563
1.95014	82.9765	81.8828	899.351	1114.37	19.8708	6.35969	45.8995	-0.013438
1.95114	83.25	81.6091	901.179	1114.37	19.7893	6.33594	46.2449	-0.011875
1.95214	83.3868	81.8828	902.664	1114.78	19.7169	6.31562	46.1462	-0.010838
1.95314	82.8398	81.8828	903.806	1116.29	19.6548	6.37084	46.3438	-0.011563
1.95414	83.1133	82.1561	905.862	1113.83	19.5284	6.38937	46.1462	-0.012188
1.95514	82.8398	81.8828	908.631	1114.92	19.3939	6.37969	46.2943	-0.008438
1.95614	83.3868	82.1561	909.517	1114.92	19.1697	6.37969	46.2449	-0.014063
1.95714	82.9765	82.4295	911.344	1114.24	18.9985	6.37844	46.4423	-0.013438
1.95814	83.3868	82.0193	913.286	1115.47	18.8314	6.37656	46.2449	-0.012813
1.95914	82.8398	82.0193	914.771	1114.37	18.7376	6.37719	45.9982	-0.011563

1.96014	82.9765	81.8826	915.913	1114.37	18.7621	6.37156	46.3436	-0.011875
1.96114	82.8398	81.8826	916.083	1114.37	19.2309	6.36719	46.3929	-0.012813
1.96214	82.9765	81.8826	916.997	1114.37	19.4876	6.36344	46.3929	-0.010938
1.96314	82.9765	82.1561	920.482	1114.24	19.667	6.36344	46.4423	-0.011875
1.96414	82.9765	81.8826	920.824	1115.47	19.8789	6.36408	46.4423	-0.012813
1.96514	82.8398	82.0193	922.309	1113.83	20.0175	6.35969	46.4423	-0.011875
1.96614	82.703	82.1561	923.908	1115.06	20.1602	6.36312	46.4916	-0.007188
1.96714	82.9765	81.8826	923.109	1114.24	20.1806	6.35844	46.6397	-0.01375
1.96814	83.1133	81.8826	924.822	1114.1	20.2132	6.35844	46.8884	-0.012813
1.96914	82.8398	82.1561	925.736	1114.65	20.2338	6.36094	46.4423	-0.012188
1.97014	82.8398	81.8826	926.649	1113.83	20.1643	6.35969	46.4423	-0.012813
1.97114	82.9765	81.8826	928.248	1114.37	19.9806	6.35969	46.2449	-0.014063
1.97214	82.8398	81.8826	930.076	1114.92	19.8545	6.35719	46.0969	-0.013125
1.97314	82.9765	81.7458	930.781	1114.92	19.7241	6.35906	45.7515	-0.012813
1.97414	82.703	82.1561	931.903	1115.33	18.705	6.35906	45.8995	-0.012188
1.97514	82.9765	81.8826	933.502	1116.83	18.4972	6.35844	45.9488	-0.014063
1.97614	82.8398	81.7458	935.558	1115.47	19.1697	6.34281	45.9488	-0.010313
1.97714	83.1133	82.2928	937.366	1116.56	18.8355	6.31531	45.2449	-0.01125
1.97814	82.703	81.3356	937.814	1115.88	19.3776	6.29156	46.4916	-0.013438
1.97914	82.9765	81.7458	938.299	1115.47	19.9442	6.29156	46.689	-0.014063
1.98014	82.8398	81.7458	939.67	1116.29	19.3326	6.36408	46.689	-0.012188
1.98114	82.703	82.4295	939.784	1115.88	19.4387	6.35375	46.7364	-0.012813
1.98214	82.9765	81.8826	939.67	1115.88	19.3572	6.35437	46.689	-0.01125
1.98314	82.8398	81.8826	939.899	1115.33	19.5855	6.35094	46.6397	-0.011563
1.98414	82.9765	82.0193	940.127	1115.19	19.8871	6.34844	46.3929	-0.011875
1.98514	82.9765	82.0193	939.784	1114.92	19.4958	6.34719	46.2943	-0.0125
1.98614	83.25	82.0193	940.127	1115.74	19.3817	6.34489	46.1462	-0.011563
1.98714	82.9765	81.8081	940.47	1113.83	19.6181	6.34344	46.0969	-0.011563
1.98814	82.5663	81.8826	942.526	1114.92	19.186	6.33906	46.0969	-0.008438
1.98914	82.8398	82.1561	941.84	1115.33	18.9088	6.33906	45.8995	-0.014063
1.99014	82.703	81.8826	941.383	1115.47	19.1045	6.33219	46.0475	-0.010938
1.99114	82.2928	81.8826	942.64	1116.01	18.6969	6.32781	46.1462	-0.012188
1.99214	82.703	81.8826	943.211	1116.29	18.4727	6.32781	46.2943	-0.012813
1.99314	82.703	81.8826	943.325	1116.56	18.3382	6.33094	46.7364	-0.011563
1.99414	82.9765	81.8826	944.01	1116.01	18.2444	6.32562	46.4916	-0.012188
1.99514	82.9765	82.0193	944.696	1116.29	18.4646	6.32719	46.541	-0.013438
1.99614	82.9765	81.7458	944.239	1116.29	18.8436	6.32719	46.6397	-0.012188
1.99714	82.8398	81.6091	943.782	1116.07	18.8559	6.32437	46.4423	-0.01125
1.99814	82.8398	82.1561	944.125	1114.78	19.0719	6.32489	46.3436	-0.013438
1.99914	82.8398	82.1561	945.038	1114.92	19.3328	6.32781	45.9488	-0.007813
2.00014	82.8398	81.8826	945.153	1114.37	19.3654	6.32408	46.2943	-0.012813
2.00114	82.703	82.4295	946.066	1115.74	19.4224	6.32556	46.0969	-0.012188
2.00214	82.1661	81.8826	946.295	1115.74	19.4754	6.32594	45.9488	-0.010313
2.00314	82.703	81.3356	947.208	1116.01	19.6406	6.29969	45.7515	-0.012813
2.00414	82.703	81.8826	947.894	1116.29	19.4306	6.27437	46.0475	-0.012188
2.00514	82.9765	81.7458	948.008	1116.15	19.3813	6.24906	46.0475	-0.012813
2.00614	83.25	81.8826	947.894	1115.88	19.3898	6.26656	46.2449	-0.011563
2.00714	83.1133	82.1561	948.351	1116.01	19.1167	6.32469	46.3436	-0.013438
2.00814	82.9765	81.8826	948.579	1117.65	18.9211	6.30937	46.4916	-0.010938

2.00914	82.4295	82.0193	948.579	1116.56	18.7132	6.30969	46.6397	-0.013125
2.01014	82.703	82.4295	949.493	1116.56	18.3628	6.30408	46.637	-0.009688
2.01114	82.5883	82.0193	948.236	1116.01	18.008	6.30469	47.0344	-0.013438
2.01214	82.703	81.3356	948.351	1115.47	17.9673	6.30219	46.9357	-0.015313
2.01314	82.703	81.6091	948.579	1115.33	18.1262	6.29969	47.0836	-0.012188
2.01415	82.703	81.6091	948.351	1116.42	18.2693	6.29812	46.689	-0.0125
2.01515	82.9765	81.8826	948.579	1116.29	18.3708	6.29844	46.7384	-0.01125
2.01615	82.8398	82.0193	948.579	1116.83	18.5053	6.29094	46.7384	-0.011583
2.01715	82.8398	82.1581	947.894	1117.11	18.6602	6.29094	46.837	-0.010938
2.01815	82.4295	82.2928	947.437	1116.56	18.6643	6.28969	46.837	-0.011875
2.01915	83.1133	81.7458	947.208	1117.38	18.6928	6.29156	46.6397	-0.010938
2.02015	82.703	81.8826	946.98	1116.01	18.7132	6.28594	46.7877	-0.012813
2.02115	82.8398	81.8826	945.838	1116.56	18.701	6.28594	46.837	-0.010625
2.02215	83.25	82.1581	945.609	1116.42	18.6808	6.28687	46.5903	-0.011553
2.02315	83.5236	82.1581	944.696	1116.01	18.6398	6.28469	46.9357	-0.012813
2.02415	83.1133	81.1989	944.467	1116.83	18.5787	6.28594	46.9357	-0.013438
2.02515	82.8398	81.7458	944.696	1117.11	18.4523	6.28406	47.3305	-0.012813
2.02615	82.9765	81.8826	944.125	1117.11	18.3341	6.28437	47.1331	-0.01125
2.02715	83.25	82.0193	944.581	1117.11	18.167	6.28187	47.0836	-0.016313
2.02815	82.703	81.6091	944.239	1115.88	17.9591	6.28094	46.9367	-0.014063
2.02915	82.9765	81.6091	945.381	1116.28	17.7512	6.27969	47.3305	-0.012188
2.03015	82.703	81.8826	945.038	1116.83	17.6165	6.28219	46.9357	-0.013438
2.03115	82.703	81.7458	945.381	1116.01	18.0651	6.23656	46.837	-0.0125
2.03215	82.1581	81.8826	945.952	1116.97	18.273	6.21094	46.7384	-0.008438
2.03315	82.703	82.703	944.924	1116.56	18.4482	6.22469	46.7384	-0.014375
2.03415	82.8398	81.7458	945.609	1116.56	18.5787	6.28687	46.7384	-0.012188
2.03515	82.2928	82.1581	945.267	1117.11	18.7132	6.26969	46.7877	-0.0125
2.03615	82.1581	81.8826	944.924	1117.65	18.7947	6.27375	46.7384	-0.012188
2.03715	82.703	81.8826	943.554	1117.11	18.8232	6.27219	46.7384	-0.012188
2.03815	82.8398	81.8826	942.411	1117.65	18.8599	6.26719	46.837	-0.012813
2.03915	82.4295	82.4295	940.355	1116.97	18.8273	6.26344	47.0344	-0.012188
2.04015	83.5236	82.0193	939.67	1116.97	18.7784	6.25969	46.9357	-0.012188
2.04115	83.25	81.8826	937.728	1117.38	18.7499	6.26094	46.7877	-0.012813
2.04215	82.9765	81.8826	938.929	1117.52	18.6194	6.25719	47.0344	-0.012188
2.04315	82.9765	81.3356	936.7	1117.11	18.5298	6.25281	47.0836	-0.011875
2.04415	82.703	82.1581	937.043	1117.65	18.3137	6.24906	47.1331	-0.012188
2.04515	82.9765	81.7458	935.558	1116.42	18.1486	6.25094	47.3798	-0.015313
2.04615	82.9765	81.7458	935.101	1116.56	17.9081	6.24969	47.4785	-0.012813
2.04715	82.4295	81.8826	934.645	1116.56	17.8697	6.24906	47.3305	-0.012188
2.04815	82.9765	81.8826	934.53	1116.56	17.4415	6.25156	47.3798	-0.012188
2.04915	82.4295	82.1581	934.645	1117.38	17.0502	6.24594	47.3305	-0.011663
2.05015	82.703	82.1581	933.959	1117.52	17.0828	6.24844	47.6279	-0.0125
2.05115	82.703	82.1581	934.53	1116.83	17.2458	6.24594	47.7263	-0.012813
2.05215	82.703	82.1581	933.045	1117.38	17.3436	6.24469	47.5279	-0.011583
2.05315	82.4295	82.1581	933.274	1116.83	17.4089	6.24281	47.7253	-0.012188
2.05415	82.4295	81.8826	933.388	1117.11	17.8658	6.24312	47.6279	-0.010938
2.05515	82.0193	82.0193	932.817	1116.56	17.833	6.24344	47.5772	-0.015313
2.05615	82.8398	81.3356	932.817	1117.11	17.8127	6.24281	47.5772	-0.015313
2.05715	82.8398	81.8826	933.731	1117.65	17.7349	6.23094	48.4161	-0.011663

2.05815	82.9785	82.4295	934.645	1117.65	17.8248	6.20344	47.6268	-0.012813
2.05915	82.703	82.2928	934.645	1117.93	17.7472	6.18344	47.7253	-0.012813
2.06015	82.8398	81.8828	934.873	1117.38	17.8187	6.17887	47.7253	-0.011875
2.06115	82.9785	82.0193	934.873	1118.2	17.7553	6.24969	47.4785	-0.014375
2.06215	82.4295	82.1561	933.731	1117.65	17.6453	6.23375	47.3798	-0.011563
2.06315	82.9785	82.4295	932.132	1118.2	17.3438	6.23375	47.6759	-0.011563
2.06415	82.8398	82.2928	932.589	1117.65	17.311	6.23281	47.6279	-0.013438
2.06515	82.4295	81.8828	930.99	1117.65	17.254	6.23156	47.7253	-0.012813
2.06615	82.703	81.8828	930.533	1118.83	18.9646	6.2275	47.4292	-0.012813
2.06715	82.703	82.1561	929.391	1117.11	17.0991	6.22719	47.9226	-0.012813
2.06815	82.8398	81.8828	928.248	1117.93	17.417	6.22469	48.3174	-0.01125
2.06915	82.2928	82.1561	927.791	1118.33	17.5719	6.21844	47.9226	-0.012813
2.07015	82.703	81.8091	927.335	1117.79	17.7064	6.21869	48.2187	-0.012188
2.07115	83.3888	82.1561	928.248	1117.65	17.888	6.21408	48.0707	-0.012813
2.07215	83.3888	81.8091	927.791	1117.93	18.1282	6.21094	48.2187	-0.012813
2.07315	82.8398	82.0193	928.248	1117.52	18.0855	6.20937	48.2187	-0.013438
2.07415	82.703	82.4295	928.134	1117.65	18.1915	6.20969	48.0707	-0.012813
2.07515	82.9785	82.2928	927.335	1117.38	18.2567	6.20812	48.12	-0.012813
2.07615	82.4295	81.8828	927.22	1118.2	18.2037	6.20719	48.3174	-0.012813
2.07715	82.9785	81.8828	925.05	1118.29	18.2811	6.20408	47.6759	-0.015313
2.07815	82.8398	82.1561	925.164	1117.65	18.3953	6.20844	48.2187	-0.012813
2.07915	82.1561	81.4724	924.136	1118.06	18.2363	6.20719	48.4654	-0.013438
2.08015	82.4295	82.2928	922.786	1118.47	18.2078	6.20875	48.0707	-0.012813
2.08115	82.9785	82.0193	920.938	1118.2	18.1762	6.20719	48.4161	-0.013438
2.08215	82.9785	81.8828	919.91	1118.2	17.9795	6.20531	48.8628	-0.012188
2.08315	83.25	82.4295	919.339	1118.2	17.8328	6.20594	48.8108	-0.012188
2.08415	82.4295	82.0193	918.197	1118.74	17.7349	6.19489	48.9095	-0.012813
2.08515	82.6883	82.0193	917.283	1118.2	17.4904	6.18812	48.9095	-0.012188
2.08615	82.9785	82.4295	916.255	1117.65	17.201	6.14469	49.0578	-0.012188
2.08715	82.4295	81.8828	916.342	1118.2	18.9805	6.12969	48.9095	-0.012813
2.08815	82.4295	82.0193	914.542	1118.42	18.8341	6.19219	48.9095	-0.011563
2.08915	82.9785	82.1561	914.085	1117.38	17.0094	6.18989	49.3043	-0.012188
2.09015	82.9785	82.0193	912.943	1118.97	17.2132	6.19594	48.8108	-0.014688
2.09115	82.703	81.8828	911.801	1117.11	17.1887	6.19408	49.1089	-0.010625
2.09215	82.4295	82.0193	910.659	1117.24	17.4007	6.18969	48.9095	-0.011563
2.09315	82.703	82.0193	909.06	1117.52	17.47	6.18469	48.3687	-0.014063
2.09415	83.25	82.4295	907.818	1118.2	17.3762	6.18594	48.6135	-0.013438
2.09515	82.4295	81.8091	905.405	1117.65	17.6883	6.18219	48.8628	-0.0125
2.09615	82.4295	81.8091	903.349	1117.93	17.4741	6.17908	48.8108	-0.011563
2.09715	82.8398	81.7458	901.521	1118.08	17.3192	6.17844	48.7121	-0.011875
2.09815	82.4295	82.0193	900.151	1117.65	17.7675	6.17344	48.7615	-0.011875
2.09915	82.4295	82.0193	898.963	1115.74	17.0824	6.16969	48.4654	-0.014063
2.10015	82.4295	81.8828	896.896	1117.65	17.1806	6.17312	48.7121	-0.013438
2.10115	83.25	82.2928	894.868	1117.38	17.4885	6.17344	49.3043	-0.012188
2.10215	82.8398	81.8828	893.298	1117.24	16.828	6.16875	49.1089	-0.012813
2.10315	82.8398	81.8828	892.156	1117.93	16.936	6.16937	49.1089	-0.012813
2.10415	82.4295	82.0193	890.214	1117.38	16.7974	6.16781	49.0578	-0.011563
2.10515	82.703	82.0193	889.843	1116.56	16.6915	6.16489	49.2549	-0.012813
2.10615	82.4295	82.0193	888.843	1116.7	16.9523	6.16666	48.9095	-0.012813

2.10715	82.8398	82.2928	867.587	1116.42	18.9483	6.16687	48.9096	-0.012813
2.10815	82.0193	82.4295	866.673	1117.93	17.4252	6.16719	49.2549	-0.012813
2.10915	82.703	81.8826	884.846	1116.97	17.5393	6.16437	49.3043	-0.012813
2.11015	82.9765	81.8826	882.561	1116.01	17.5087	6.16219	48.7615	-0.014688
2.11115	82.4295	82.2928	880.734	1116.56	17.9958	6.15969	49.3043	-0.012188
2.11215	83.25	82.1561	879.82	1117.52	17.6697	6.14187	49.403	-0.012188
2.11315	83.25	82.2928	878.449	1117.93	17.6654	6.11594	49.3536	-0.010938
2.11415	82.4295	82.0193	876.738	1118.2	18.1089	6.09969	49.3043	-0.012813
2.11515	82.9765	82.1561	876.708	1117.11	17.8939	6.09656	49.403	-0.013438
2.11615	83.1133	81.8826	873.766	1117.52	18.1425	6.16313	49.403	-0.012813
2.11715	82.4295	82.1561	872.967	1117.38	18.1588	6.14937	49.3043	-0.011875
2.11815	82.4295	82.1561	870.568	1117.65	18.0121	6.15156	49.3043	-0.010313
2.11915	82.1561	82.4295	868.855	1117.38	17.6736	6.14719	49.403	-0.012813
2.12015	82.703	82.1561	868.799	1116.01	17.8817	6.14781	49.2058	-0.013125
2.12115	82.2928	82.4295	865.2	1116.56	17.7676	6.14562	49.2549	-0.011563
2.12215	82.703	81.8826	862.459	1116.56	17.4415	6.14219	49.3536	-0.014063
2.12315	83.25	82.0193	860.96	1117.11	17.4415	6.13937	49.699	-0.012813
2.12415	82.4295	82.0193	858.233	1117.11	16.6874	6.13989	49.5017	-0.012813
2.12515	82.8398	82.4295	855.377	1117.11	16.3002	6.13937	49.5017	-0.012813
2.12615	82.9765	82.0193	853.093	1117.65	16.3328	6.13186	49.6003	-0.014688
2.12715	83.25	81.8826	851.151	1117.38	16.6262	6.13084	49.8964	-0.015313
2.12815	82.8398	81.8826	849.21	1117.11	16.6833	6.13219	49.699	-0.011563
2.12915	82.703	81.8826	846.925	1117.65	16.8484	6.12875	49.8458	-0.010313
2.13015	82.9765	81.7458	846.556	1118.06	16.8504	6.12937	49.7977	-0.013438
2.13115	82.4295	82.1561	844.184	1117.11	17.0378	6.12989	49.8964	-0.013125
2.13215	82.703	81.8826	841.557	1116.01	16.9848	6.12687	49.8964	-0.010313
2.13315	82.703	81.8826	840.529	1116.97	16.9034	6.12469	50.0938	-0.015313
2.13415	82.703	81.7458	840.072	1116.56	17.0665	6.12469	50.7846	-0.012813
2.13515	82.703	82.0193	838.702	1116.42	16.932	6.12719	50.0938	-0.012813
2.13615	82.8398	81.8826	837.102	1115.74	16.9523	6.12781	50.2418	-0.012813
2.13715	82.703	82.2928	836.303	1116.56	16.9809	6.12844	50.2418	-0.011563
2.13815	82.703	81.8826	835.503	1116.56	16.7689	6.12969	50.2912	-0.012813
2.13915	82.8398	82.1561	834.133	1116.97	16.7445	6.12187	50.4886	-0.012188
2.14015	82.9765	81.8826	832.991	1116.83	16.6589	6.09406	50.4392	-0.013438
2.14115	82.703	81.7458	832.876	1116.56	16.4061	6.07406	50.1925	-0.012813
2.14215	82.9765	81.8826	830.835	1115.88	16.4306	6.05187	50.4886	-0.0125
2.14315	82.703	81.7458	830.935	1116.83	16.1208	6.07469	50.8833	-0.010938
2.14415	82.9765	81.8826	827.737	1116.42	15.9904	6.12969	50.2912	-0.015313
2.14515	81.8826	81.8826	827.737	1116.01	16.023	6.11344	50.5872	-0.012188
2.14615	82.703	81.7458	827.28	1117.11	16.1045	6.11687	50.8833	-0.012813
2.14715	82.9765	81.4724	825.909	1116.83	16.3328	6.11375	50.4886	-0.013438
2.14815	82.9765	81.8826	824.787	1116.29	16.6018	6.11281	50.4886	-0.0125
2.14915	82.703	82.1561	822.94	1116.42	16.6099	6.10687	50.4392	-0.012188
2.15015	82.703	81.3356	821.797	1116.29	16.8871	6.10531	50.3899	-0.012813
2.15115	82.4295	81.8826	821.112	1116.83	16.8871	6.10313	50.4392	-0.01375
2.15215	82.4295	82.2928	820.427	1117.93	16.9483	6.09969	50.3899	-0.012813
2.15315	83.25	82.1561	818.599	1116.56	17.3782	6.09344	50.6859	-0.011875
2.15415	82.703	82.0193	819.284	1116.56	17.0094	6.09344	50.4886	-0.011563
2.15515	82.4295	81.7458	817.229	1116.56	17.3518	6.09126	50.6859	-0.013125

2.15616	82.703	82.1561	817.457	1116.56	17.3925	6.09082	51.1794	-0.012813
2.15716	82.8398	82.1561	817.229	1117.52	17.417	6.09159	50.7353	-0.011875
2.15816	82.4295	81.7458	816.658	1116.58	17.4415	6.09094	50.8833	-0.012813
2.15916	82.2928	81.8826	815.858	1116.42	17.0624	6.08781	50.6366	-0.014063
2.16016	83.25	82.0193	816.315	1116.56	17.311	6.08719	50.7353	-0.015313
2.16116	82.4295	82.0193	816.543	1116.29	17.0909	6.08844	50.7846	-0.012813
2.16216	82.4295	82.1561	816.744	1116.15	16.8993	6.08969	50.7846	-0.012813
2.16316	82.8398	81.4724	816.744	1116.42	16.2186	6.08844	50.5872	-0.012186
2.16416	82.9765	82.0193	814.944	1115.47	16.0838	6.09125	50.7846	-0.011563
2.16516	82.703	81.6091	816.315	1116.29	16.8599	6.08969	50.7846	-0.009688
2.16616	82.703	81.7458	814.716	1116.01	16.0719	6.08969	50.7846	-0.013438
2.16716	82.703	81.8826	815.858	1116.83	16.0615	6.08594	50.7846	-0.014063
2.16816	82.8398	81.3366	815.515	1116.01	16.2023	6.08094	51.0313	-0.013438
2.16916	82.2928	81.8826	815.858	1117.52	16.4917	6.03969	51.2781	-0.012813
2.17016	82.4295	82.1561	815.858	1116.01	16.6203	6.01469	51.2781	-0.011683
2.17116	82.4295	82.1561	816.658	1116.01	16.2349	6.04969	51.0807	-0.010938
2.17216	82.4295	82.0193	817.457	1117.11	16.6121	6.09312	50.982	-0.013126
2.17316	82.5663	82.4295	817.457	1117.11	16.4832	6.07344	51.2287	-0.012813
2.17416	83.25	82.1561	817.571	1117.65	16.3328	6.07469	50.834	-0.013125
2.17516	82.703	82.0193	818.485	1116.56	16.345	6.07469	50.9327	-0.014063
2.17616	82.4295	82.1561	819.513	1116.56	16.4265	6.06969	50.6366	-0.015313
2.17716	82.2928	81.8826	818.599	1116.42	16.3205	6.06719	50.3899	-0.01376
2.17816	82.5663	82.4295	819.284	1117.38	16.1942	6.06719	51.0313	-0.013438
2.17916	82.4295	82.4295	816.599	1116.83	16.0719	6.06594	50.2418	-0.012813
2.18016	82.9765	81.8826	819.741	1116.97	16.0189	6.06094	50.3405	-0.014063
2.18116	82.703	82.4295	820.198	1116.56	15.9496	6.05969	50.8859	-0.012813
2.18216	82.5663	82.4295	819.741	1116.29	15.8518	6.05469	50.982	-0.012813
2.18316	82.5663	81.3366	820.884	1116.83	15.754	6.05344	50.8833	-0.013438
2.18416	82.4295	81.8826	822.14	1117.85	15.432	6.05344	51.13	-0.011875
2.18516	83.3868	82.0193	822.711	1117.38	15.2893	6.05375	51.3766	-0.012813
2.18616	82.4295	82.1561	824.31	1116.29	15.0773	6.05375	51.5741	-0.011563
2.18716	82.4295	81.3366	826.366	1116.42	14.9285	6.05125	51.1794	-0.010313
2.18816	82.8398	81.8826	826.193	1116.88	15.3627	6.04812	51.4261	-0.012813
2.18916	82.703	82.1561	830.249	1116.56	15.5665	6.04969	51.4754	-0.014376
2.19016	82.703	82.2928	831.848	1116.15	15.6765	6.0525	51.3274	-0.0125
2.19116	82.703	82.0193	833.804	1116.42	15.9374	6.05187	51.0807	-0.01376
2.19216	82.2928	82.0193	834.133	1115.74	15.9822	6.04844	51.2287	-0.013438
2.19316	82.4295	81.8826	835.503	1116.01	16.186	6.04844	50.834	-0.014063
2.19416	82.703	82.2928	836.417	1116.97	16.3613	6.04719	50.834	-0.012813
2.19516	82.703	81.3366	836.874	1117.38	16.345	6.04656	50.982	-0.012813
2.19616	82.4295	82.1561	837.331	1117.93	16.4958	6.02437	50.7846	-0.015313
2.19716	82.703	81.8826	837.788	1117.85	16.5121	6.00156	50.7353	-0.012813
2.19816	82.703	82.1561	838.702	1117.11	16.5284	5.98219	51.0313	-0.011563
2.19916	82.4295	82.4295	837.559	1117.24	16.6203	6.00969	51.0807	-0.012813
2.20016	82.4295	81.8826	837.559	1116.42	16.4632	6.05219	51.6728	-0.01376
2.20116	82.2928	82.0193	838.016	1116.42	16.3776	6.03856	51.6728	-0.011875
2.20216	82.4295	81.8826	839.844	1117.11	16.3124	6.04344	51.4754	-0.0125
2.20316	82.2928	82.0193	840.416	1116.66	16.2961	6.03969	51.6728	-0.0125
2.20416	83.25	81.8826	843.27	1116.83	16.0516	6.03594	51.4754	-0.012813

2.20518	83.25	82.1561	844.641	1115.6	15.486	6.03469	51.6728	-0.012813
2.20618	82.4295	82.0193	846.925	1116.15	15.4646	6.02969	51.8209	-0.013438
2.20718	82.4295	82.1561	849.895	1117.11	15.2159	6.02844	51.4754	-0.013438
2.20818	82.4295	81.7458	851.951	1116.29	15.4075	6.02812	51.6728	-0.013438
2.20918	82.4295	82.0193	854.92	1116.66	15.5624	6.02594	51.6728	-0.013125
2.21018	82.4295	81.8826	856.177	1116.97	15.7336	6.02219	51.5248	-0.0126
2.21118	82.5663	82.4295	857.433	1116.83	15.8273	6.01806	51.6728	-0.01375
2.21218	82.5663	82.1561	859.375	1117.38	15.9089	6.02094	51.6728	-0.013438
2.21318	82.2928	82.1561	859.946	1117.24	15.9089	6.02219	51.6728	-0.012813
2.21418	82.4295	82.2928	860.06	1117.65	15.9415	6.02094	51.5248	-0.012813
2.21518	81.8826	82.0193	861.088	1117.38	15.9537	6.01781	51.6728	-0.012813
2.21618	82.9765	81.8826	862.002	1117.65	15.9576	6.01719	51.6728	-0.011563
2.21718	82.4295	82.1561	861.774	1117.24	15.9374	6.01594	51.5741	-0.013125
2.21818	83.1133	82.1561	863.801	1116.97	15.9089	6.01719	51.6728	-0.012813
2.21918	82.4295	82.2928	864.743	1116.7	15.8273	6.01719	51.8209	-0.012188
2.22018	82.4295	82.1561	867.028	1117.11	15.8273	6.01781	51.8236	-0.010938
2.22118	82.8398	82.5663	867.256	1116.83	15.754	6.01469	51.5248	-0.013125
2.22218	82.1561	82.0193	869.655	1116.83	15.8888	6.01687	51.9689	-0.014688
2.22318	82.4295	81.8826	871.596	1117.11	15.6032	6.01125	52.0676	-0.013125
2.22418	82.8398	82.1561	873.424	1117.11	15.6136	5.98281	51.6728	-0.012188
2.22518	82.703	81.8826	875.251	1116.83	15.4075	5.96125	52.0182	-0.012813
2.22618	82.4295	82.1561	877.536	1117.11	15.2404	5.93969	52.0676	-0.012813
2.22718	82.703	82.0193	879.692	1117.65	15.1874	5.95094	51.6702	-0.011676
2.22818	82.2928	82.1561	881.076	1117.65	15.0936	6.01844	51.8195	-0.012813
2.22918	82.4295	81.8826	882.561	1116.33	14.8838	6.00094	52.265	-0.012813
2.23018	82.4295	82.4295	883.475	1117.38	14.8572	6.00531	52.0676	-0.014063
2.23118	82.703	81.8826	885.302	1117.65	15.0698	5.99937	52.0676	-0.01126
2.23218	82.4295	81.8826	886.559	1116.29	15.3219	5.99844	51.9689	-0.013125
2.23318	82.2928	82.4295	887.13	1117.11	15.3671	5.99719	51.8195	-0.015313
2.23418	81.6091	81.8826	888.501	1117.65	15.648	5.99344	51.8209	-0.014063
2.23518	82.703	81.8826	889.186	1117.65	15.648	5.99125	51.8195	-0.012813
2.23618	82.4295	81.8826	889.414	1117.65	15.7947	5.99125	51.9689	-0.011875
2.23718	82.2928	82.4295	890.442	1117.65	15.9578	5.98844	52.0676	-0.01125
2.23818	82.4295	82.0193	891.128	1117.65	16.0148	5.98406	52.0182	-0.011563
2.23918	82.4295	81.7458	891.699	1116.56	15.97	5.97969	52.0182	-0.0125
2.24018	82.703	82.0193	892.855	1116.97	16.0719	5.97969	52.413	-0.013125
2.24118	82.1561	81.8826	893.526	1116.56	16.0311	5.97969	52.3143	-0.014063
2.24218	82.703	81.7458	895.354	1117.65	15.8966	5.97719	52.413	-0.01125
2.24318	81.8826	82.1561	895.61	1117.38	16.023	5.97969	52.2156	-0.014063
2.24418	82.4295	81.8826	897.524	1116.97	15.9663	5.98094	52.7584	-0.013125
2.24518	82.703	82.1561	899.465	1116.06	15.7377	5.97937	52.7091	-0.012188
2.24618	82.2928	82.0193	900.836	1117.93	15.6884	5.97781	52.6104	-0.013125
2.24718	82.4295	82.703	903.12	1117.52	15.4931	5.98094	52.561	-0.012188
2.24818	82.4295	82.1561	904.946	1117.38	14.9062	5.97489	52.4623	-0.012813
2.24918	82.4295	82.0183	906.316	1116.06	14.7839	5.97594	52.561	-0.012188
2.25018	82.4295	82.1561	907.689	1116.2	14.7513	5.97656	52.413	-0.013438
2.25118	82.9765	81.8826	908.946	1116.61	14.9632	5.97969	52.6104	-0.012613
2.25218	82.8398	81.8826	909.402	1116.2	15.0284	5.98344	52.6117	-0.013438
2.25318	82.1561	81.8826	909.973	1116.2	15.2078	5.98656	52.6104	-0.013125

2.25416	82.1581	82.0193	909.973	1117.93	15.3178	5.91344	52.295	-0.013438
2.25516	81.7458	82.1581	910.43	1118.74	15.3871	5.89781	52.8078	-0.013125
2.25616	82.4295	81.7458	910.887	1118.2	15.4523	5.96219	52.6597	-0.014063
2.25716	82.703	81.3356	910.773	1118.47	15.5339	5.97469	52.8571	-0.014375
2.25816	82.4295	82.0193	909.973	1117.62	15.489	5.96719	52.7584	-0.015313
2.25916	82.4295	81.8826	910.887	1118.2	15.5828	5.96625	52.8571	-0.013438
2.26016	82.703	82.1581	911.344	1118.47	15.6808	5.98489	52.7091	-0.013125
2.26116	82.4295	82.4295	911.801	1118.74	15.4972	5.96344	52.8558	-0.012813
2.26216	82.5883	81.8091	912.144	1118.33	15.485	5.98158	52.8571	-0.012813
2.26316	82.4295	82.2928	912.715	1117.65	15.5748	5.95812	52.8078	-0.015313
2.26416	82.4295	82.2928	912.488	1118.2	15.3994	5.95594	52.8571	-0.012813
2.26516	82.2928	81.8826	914.542	1118.2	15.3627	5.95313	52.681	-0.014888
2.26616	82.2928	81.8826	914.542	1118.74	15.3953	5.94781	52.9084	-0.014063
2.26716	82.4295	82.1581	916.027	1118.74	15.2689	5.94812	53.0545	-0.012189
2.26816	82.4295	82.1581	916.37	1118.74	15.1426	5.94989	52.8571	-0.011563
2.26916	82.1581	82.1581	917.283	1119.58	15.0855	5.95219	53.2519	-0.011875
2.27016	82.2928	82.0193	918.654	1118.74	14.9489	5.94781	52.8571	-0.011563
2.27116	82.4295	82.4295	919.339	1118.74	14.8287	5.94812	52.9084	-0.011875
2.27216	82.1581	82.1581	920.025	1119.84	14.5841	5.94594	53.1038	-0.011563
2.27316	82.1581	82.1581	920.482	1119.84	14.623	5.94438	53.2519	-0.011563
2.27416	82.4295	82.0193	920.938	1119.7	14.6045	5.94594	53.0545	-0.014375
2.27516	82.1581	82.0193	920.938	1118.74	14.7839	5.94844	53.1038	-0.014063
2.27616	82.703	81.8826	922.081	1118.33	14.8898	5.94531	52.8597	-0.014375
2.27716	82.4295	81.8826	921.738	1118.74	15.0284	5.94888	53.1532	-0.012188
2.27816	82.2928	82.0193	921.852	1118.61	15.1426	5.94781	52.8597	-0.010938
2.27916	82.4295	81.8826	921.852	1118.74	15.2322	5.94781	52.8571	-0.012188
2.28016	82.4295	82.2928	922.309	1118.74	15.3058	5.94594	52.6597	-0.012813
2.28116	82.4295	81.8826	921.395	1118.74	15.3871	5.92312	52.8597	-0.013125
2.28216	82.9785	81.3356	921.395	1118.74	15.5013	5.89812	52.413	-0.013438
2.28316	82.1581	82.2928	921.852	1119.7	15.4442	5.87719	52.7584	-0.011563
2.28416	82.0193	81.8826	922.788	1119.7	15.4805	5.88812	52.8571	-0.013125
2.28516	82.1581	82.4295	923.223	1118.74	15.4768	5.95489	52.9084	-0.012813
2.28616	82.2928	82.1581	923.223	1119.84	15.485	5.93825	53.1038	-0.010313
2.28716	82.0193	81.8826	923.88	1119.84	15.3301	5.93719	52.8571	-0.013125
2.28816	81.8826	81.8826	924.385	1120.38	15.2078	5.93812	53.1532	-0.016
2.28916	82.2928	82.1581	924.593	1118.74	15.22	5.93489	53.2519	-0.013438
2.29016	82.2928	82.1581	925.05	1120.25	15.1589	5.93219	53.0051	-0.013438
2.29116	82.1581	81.8826	925.984	1120.38	14.9832	5.93031	53.0545	-0.014063
2.29217	82.2928	81.8826	926.421	1118.74	14.8532	5.92989	53.1532	-0.0125
2.29317	82.1581	82.0193	927.335	1120.25	14.7981	5.92781	52.8571	-0.011875
2.29417	81.8826	81.8091	927.22	1119.7	14.1989	5.92219	52.9084	-0.012813
2.29517	82.4295	82.2928	928.248	1120.88	14.0748	5.92281	52.8571	-0.012813
2.29617	82.9785	81.0822	928.248	1120.11	14.2703	5.91989	53.1532	-0.013125
2.29717	82.2928	81.8826	927.791	1119.84	14.2338	5.91989	52.8558	-0.012188
2.29817	82.2928	81.3356	928.992	1117.93	14.1725	5.91594	52.3636	-0.015938
2.29917	82.1581	81.8826	927.335	1120.38	14.4869	5.91989	53.0545	-0.015313
2.30017	82.4295	82.1581	927.791	1120.52	14.5148	5.91989	53.4492	-0.013125
2.30117	82.1581	82.0193	927.108	1120.88	14.4741	5.91989	53.0545	-0.014378
2.30217	82.703	82.4295	928.421	1120.52	14.6045	5.92219	53.2519	-0.012813

2.30317	82.2928	82.0193	926.307	1120.66	14.6942	5.92158	53.2519	-0.011563
2.30417	82.1561	82.1561	924.593	1120.52	14.5882	5.92219	53.2519	-0.01375
2.30517	82.1561	82.1561	925.736	1120.38	14.6453	5.92219	53.2519	-0.012813
2.30617	82.4295	82.1561	925.736	1121.2	14.7187	5.92188	53.3505	-0.013438
2.30717	81.8828	81.8828	925.964	1119.84	14.5841	5.92158	53.3999	-0.012813
2.30817	82.2928	82.1561	926.421	1120.25	14.5801	5.91969	53.4492	-0.01126
2.30917	81.6091	81.7458	927.22	1120.11	14.5558	5.90989	52.8078	-0.016876
2.31017	82.4295	82.703	926.878	1120.68	14.5067	5.88937	53.2519	-0.013438
2.31117	82.1561	81.8828	928.02	1122.02	14.4262	5.88989	53.844	-0.011563
2.31217	82.4295	82.2928	928.248	1121.89	14.4904	5.85281	53.2519	-0.013438
2.31317	82.2928	81.8828	928.248	1121.75	14.4741	5.90158	53.4492	-0.013438
2.31417	82.4295	81.8828	928.248	1121.89	14.1725	5.91969	53.4492	-0.012813
2.31517	82.1561	81.8828	927.791	1121.48	14.3437	5.90844	53.3012	-0.014063
2.31617	82.2928	81.8828	927.336	1120.93	14.1888	5.91156	53.5973	-0.014063
2.31717	82.8398	82.0193	926.763	1122.02	13.8066	5.91094	53.3505	-0.013438
2.31817	82.1561	82.0193	926.86	1122.02	13.9442	5.90844	53.3505	-0.012813
2.31917	82.4295	82.0193	925.507	1120.66	13.9116	5.90937	53.4492	-0.012813
2.32017	82.2928	81.8828	924.822	1120.11	14.0583	5.90489	53.1532	-0.014063
2.32117	82.4295	82.1561	925.279	1120.93	14.1928	5.90219	53.3999	-0.014063
2.32217	82.4295	82.4295	926.078	1121.81	14.3437	5.90158	53.6488	-0.014375
2.32317	81.8828	81.8828	925.85	1121.75	14.47	5.90219	53.6488	-0.014063
2.32417	82.2928	81.8828	925.864	1121.75	14.5923	5.90312	53.698	-0.013438
2.32517	82.0193	81.6091	925.279	1120.93	14.5882	5.89937	53.9427	-0.012813
2.32617	82.4295	81.8828	926.421	1122.02	14.629	5.89969	53.9427	-0.011563
2.32717	82.1561	81.8828	926.192	1121.48	14.7594	5.90084	53.844	-0.013438
2.32817	82.1561	82.1561	927.106	1122.57	14.7676	5.89719	53.844	-0.014063
2.32917	82.4295	82.1561	927.335	1122.98	14.7227	5.89719	54.1894	-0.013438
2.33017	82.4295	82.1561	926.992	1122.84	14.6942	5.89719	54.0907	-0.013125
2.33117	81.8828	81.7458	926.649	1120.93	14.682	5.89344	53.3999	-0.015313
2.33217	81.6091	82.1561	926.421	1122.57	14.686	5.89469	53.5973	-0.014375
2.33317	82.2928	81.4724	925.393	1122.71	14.6867	5.89469	54.2387	-0.012813
2.33417	82.1561	82.1561	924.593	1123.86	14.5568	5.89812	53.7948	-0.012813
2.33517	82.0193	81.8828	924.593	1122.02	14.5067	5.89719	53.7948	-0.012188
2.33617	82.4295	82.703	923.808	1122.02	14.4089	5.89406	53.6488	-0.012813
2.33717	81.6091	81.3356	922.537	1122.02	14.2744	5.89594	53.2025	-0.015313
2.33817	82.4295	82.0193	921.395	1120.93	14.1847	5.87719	53.5479	-0.012188
2.33917	81.7458	81.8828	920.938	1122.02	13.9687	5.84875	53.1038	-0.012813
2.34017	81.8828	82.0193	920.596	1122.71	13.8545	5.82989	53.3505	-0.014063
2.34117	82.2928	81.8828	920.025	1122.71	13.6762	5.81906	53.3999	-0.012813
2.34217	82.1561	82.0193	920.253	1122.02	13.5529	5.88438	53.1532	-0.010938
2.34317	82.4295	81.8828	916.554	1122.57	13.288	5.89531	53.3505	-0.014688
2.34417	82.2928	82.0193	919.796	1122.98	13.1697	5.89125	53.844	-0.013438
2.34517	82.1561	81.8828	919.339	1122.57	13.2613	5.89084	53.5479	-0.013438
2.34617	82.2928	81.6091	920.482	1123.86	13.2798	5.89219	53.8933	-0.0126
2.34717	82.2928	82.0193	920.482	1122.84	13.4877	5.88937	53.4986	-0.012813
2.34817	82.4295	82.1561	920.824	1123.86	13.4428	5.88719	53.844	-0.01375
2.34917	82.1561	82.1561	921.824	1123.86	13.6181	5.88344	53.844	-0.011563
2.35017	82.1561	81.8828	921.966	1123.12	13.6385	5.88188	53.6488	-0.012813
2.35117	82.0193	81.8828	922.537	1122.84	13.5811	5.88219	53.5479	-0.0126

2.35217	82.1561	81.8826	922.537	1122.43	13.7852	5.87908	53.2519	-0.011875
2.35317	81.8826	82.0193	922.984	1122.84	13.4958	5.87656	52.8571	-0.01125
2.35417	82.2928	81.8826	922.537	1122.71	13.7322	5.87719	53.2519	-0.012188
2.35517	81.7458	81.8826	922.788	1123.83	13.7119	5.87844	53.2519	-0.013438
2.35617	82.1561	81.8826	922.081	1123.12	13.614	5.87656	53.0545	-0.013125
2.35717	82.1561	81.8826	920.824	1124.21	13.8428	5.87844	53.2519	-0.013125
2.35817	82.2928	81.8826	920.588	1123.93	13.4306	5.87656	53.0545	-0.014063
2.35917	82.1561	81.8826	919.588	1123.52	13.8219	5.87812	52.9558	-0.012813
2.36017	82.0193	81.6091	919.111	1123.39	13.4958	5.87719	53.2519	-0.012813
2.36117	82.1561	82.0193	919.111	1123.66	13.3817	5.87687	53.2519	-0.012813
2.36217	81.6091	81.8826	919.111	1124.21	13.4428	5.87781	53.5479	-0.011675
2.36317	82.1561	82.1561	918.997	1123.12	13.2105	5.87781	53.5973	-0.012813
2.36417	82.4295	82.4295	919.111	1123.39	13.388	5.87625	53.4988	-0.012188
2.36517	82.4295	82.4295	917.74	1122.02	13.1494	5.87989	53.2519	-0.014688
2.36617	82.1661	82.2928	917.989	1122.57	13.0842	5.87719	53.7453	-0.012813
2.36717	82.703	82.1561	919.588	1123.12	13.1575	5.85906	53.3505	-0.012813
2.36817	82.2928	82.0193	919.682	1123.39	13.4632	5.83437	53.0545	-0.013125
2.36917	81.3356	82.703	920.025	1123.66	13.4632	5.81662	53.0545	-0.01375
2.37017	81.8826	81.8826	919.111	1123.93	13.4958	5.80469	52.8571	-0.012813
2.37117	81.8826	81.3356	920.025	1124.07	13.7404	5.87844	52.4623	-0.01375
2.37217	82.1561	82.0193	919.682	1124.34	13.7934	5.87656	52.4623	-0.011563
2.37317	82.1561	81.7458	919.588	1124.89	13.773	5.87313	52.7091	-0.012188
2.37417	82.0193	82.0193	919.111	1124.07	13.9524	5.87531	52.7584	-0.012813
2.37517	82.1561	82.1561	918.882	1123.66	13.9524	5.87469	52.8078	-0.012188
2.37617	82.1561	82.0193	918.827	1124.21	13.9034	5.87219	52.9064	-0.014688
2.37717	81.8826	81.8826	916.458	1123.39	14.0828	5.86969	53.3505	-0.013438
2.37817	81.8826	81.8826	914.771	1124.07	13.9646	5.86687	53.3012	-0.012813
2.37917	81.7458	82.703	913.628	1123.52	13.9524	5.87031	53.1038	-0.010825
2.38017	82.4295	82.0193	912.715	1123.25	14.1399	5.86531	53.1632	-0.011663
2.38117	81.8826	82.2928	912.488	1123.66	13.9034	5.86062	53.1038	-0.012813
2.38217	81.7458	82.2928	911.915	1123.39	14.0176	5.85906	52.8104	-0.014688
2.38317	82.1561	81.6091	911.801	1123.52	14.0502	5.85969	52.8078	-0.011563
2.38417	82.1561	81.8826	910.773	1123.39	13.7567	5.85969	52.561	-0.012188
2.38517	82.6683	82.1561	910.43	1122.98	13.8362	5.85969	52.4623	-0.012813
2.38617	82.4295	81.8826	910.43	1123.12	13.8056	5.86375	52.285	-0.01125
2.38717	81.8826	82.1561	909.06	1124.07	13.5121	5.86125	52.3636	-0.014063
2.38817	82.0193	82.1561	909.288	1124.48	13.6263	5.85969	52.9558	-0.012813
2.38917	82.1561	81.3356	908.603	1125.44	13.4551	5.86094	52.3636	-0.015313
2.39017	82.0193	81.8826	908.775	1125.3	13.2024	5.86408	52.7091	-0.013125
2.39117	82.2928	81.8826	905.633	1125.16	13.2635	5.86594	52.7091	-0.013438
2.39217	82.1561	81.7458	904.377	1125.57	12.9293	5.86469	52.7091	-0.0125
2.39317	82.0193	81.4724	903.808	1124.34	12.7295	5.86687	53.0051	-0.012813
2.39417	81.8826	81.8826	902.664	1125.16	12.7988	5.86781	53.2026	-0.012813
2.39517	81.7458	82.0193	902.207	1125.16	12.7051	5.86719	53.1532	-0.013125
2.39617	82.1561	81.6091	901.75	1123.93	12.66	5.85187	53.2026	-0.014063
2.39717	81.6091	82.4295	902.664	1124.34	12.8763	5.82937	53.1038	-0.011563
2.39817	82.4295	82.6683	901.75	1123.93	12.9537	5.80969	52.9558	-0.014063
2.39917	82.1561	82.0193	901.636	1123.93	13.0801	5.79781	53.1038	-0.012813
2.40017	82.1561	81.8826	902.082	1123.8	13.0189	5.86594	52.6597	-0.011875

2.40117	82.1561	82.4295	901.638	1123.93	13.0719	5.86937	53.1038	-0.012188
2.40217	81.8091	82.1561	899.922	1124.48	13.235	5.86219	52.1663	-0.012188
2.40317	82.1561	82.0193	898.78	1124.21	13.0984	5.85989	52.4623	-0.013125
2.40417	82.1561	81.8826	896.953	1124.48	13.1657	5.86094	52.0678	-0.012813
2.40517	82.0193	81.8826	895.354	1124.75	13.3083	5.85875	52.0676	-0.012813
2.40617	81.8826	82.0193	893.963	1125.71	13.1331	5.85489	51.9195	-0.013438
2.40717	82.0193	81.8826	891.699	1124.75	13.0882	5.85531	51.5741	-0.012813
2.40817	82.2928	82.1561	891.699	1124.48	13.2513	5.85489	51.6728	-0.009083
2.40917	82.0193	82.4295	888.272	1124.62	13.0882	5.85156	51.2781	-0.012813
2.41017	82.1561	82.2928	886.673	1124.48	13.0149	5.85063	52.0182	-0.01375
2.41117	82.2928	82.0193	885.759	1124.48	13.0882	5.85156	51.2781	-0.012188
2.41217	82.703	81.8826	883.932	1124.21	12.8926	5.84969	51.5741	-0.012813
2.41317	82.2928	82.1561	882.333	1124.21	12.7652	5.85313	51.6235	-0.01375
2.41417	82.4295	82.0193	881.647	1125.03	12.8437	5.85031	51.2781	-0.012813
2.41517	82.1561	81.8826	880.505	1123.93	12.6725	5.85219	51.4281	-0.012813
2.41617	82.4295	81.8826	879.592	1124.21	12.4035	5.84969	51.4754	-0.014063
2.41717	82.0193	81.1989	878.906	1126.28	12.4768	5.85219	51.6235	-0.012813
2.41817	82.4295	81.8091	877.992	1124.62	12.8111	5.85344	51.9689	-0.011875
2.41917	82.2928	81.8826	877.536	1125.16	12.6154	5.85489	52.0676	-0.011563
2.42017	82.2928	82.1561	876.985	1124.21	12.7132	5.85489	52.0182	-0.014375
2.42117	82.0193	82.4295	876.708	1124.48	13.2024	5.85489	52.3636	-0.014063
2.42217	82.1561	82.0193	875.48	1124.07	12.9415	5.86719	52.2166	-0.015313
2.42317	82.2928	82.1561	874.794	1125.3	13.0352	5.85969	52.413	-0.014063
2.42417	82.1561	82.0193	875.708	1124.75	13.4143	5.85781	52.4623	-0.011563
2.42517	81.7458	82.4295	875.48	1124.48	13.1779	5.84687	52.0676	-0.011563
2.42617	81.7458	82.2928	875.137	1124.75	13.2798	5.82344	52.2156	-0.012813
2.42717	82.0193	82.1561	873.424	1125.03	13.6059	5.80344	52.0676	-0.013125
2.42817	82.1561	82.1561	872.282	1125.57	13.3287	5.79219	51.6728	-0.012188
2.42917	82.2928	81.8826	871.596	1124.21	13.2635	5.86406	51.4754	-0.011875
2.43017	82.2928	82.1561	870.454	1124.48	13.6548	5.85812	51.3768	-0.01125
2.43118	82.2928	82.1561	867.028	1123.68	13.4958	5.85625	51.1794	-0.013438
2.43218	82.0193	82.1561	866	1123.68	13.3817	5.85812	51.2287	-0.014063
2.43318	82.2928	81.8826	864.615	1124.21	13.657	5.85781	51.1794	-0.012813
2.43418	82.1561	82.1561	863.03	1123.93	13.4677	5.85344	51.0313	-0.013438
2.43518	82.8398	82.0193	861.088	1124.62	13.3083	5.85489	50.834	-0.012813
2.43618	82.703	82.0193	859.832	1125.03	13.504	5.85094	51.13	-0.012188
2.43718	82.1561	82.1561	856.748	1124.48	13.2594	5.84969	50.7353	-0.010938
2.43818	82.0193	82.4295	854.92	1124.21	13.1861	5.84844	50.6859	-0.013125
2.43918	82.4295	81.8826	853.778	1125.85	13.3328	5.84906	50.6368	-0.016313
2.44018	82.2928	81.3356	851.951	1123.68	13.0719	5.84719	50.7848	-0.014063
2.44118	82.2928	81.8826	850.123	1124.48	12.9415	5.84489	50.6368	-0.012188
2.44218	82.2928	82.1561	848.753	1124.07	12.5054	5.8475	50.6859	-0.013438
2.44318	81.3356	82.4295	846.583	1124.07	12.2486	5.85063	50.3899	-0.0125
2.44418	81.8091	82.2928	846.011	1124.21	12.163	5.85031	50.5872	-0.013125
2.44518	82.1561	81.4724	845.555	1124.48	12.0629	5.84969	50.6859	-0.013438
2.44618	82.2928	82.2928	843.956	1124.62	12.3545	5.85156	50.834	-0.01375
2.44718	82.1561	82.4295	843.727	1124.48	12.2852	5.84969	50.6872	-0.014375
2.44818	81.8826	82.1561	842.813	1124.21	12.2893	5.84719	50.7846	-0.011563
2.44918	82.2928	82.1561	841.9	1124.48	12.4361	5.84719	50.982	-0.013438

2.45018	82.4295	81.8826	840.415	1124.75	12.2934	5.84675	51.0313	-0.013438
2.45118	81.8826	82.2928	839.044	1123.8	12.5178	5.84989	50.8833	-0.012813
2.45218	82.703	81.8826	839.158	1124.21	12.4972	5.84844	50.7846	-0.009688
2.45318	82.5863	82.1581	836.189	1123.52	12.4605	5.84625	50.5872	-0.012813
2.45418	82.5863	81.7458	835.275	1123.12	12.6582	5.82489	50.5872	-0.012188
2.45618	82.1581	82.4285	834.59	1124.21	12.4442	5.80344	50.6859	-0.013438
2.45818	82.8398	81.7458	832.305	1123.93	12.5665	5.78437	50.1925	-0.013438
2.45718	82.1581	82.0193	831.163	1123.93	12.5135	5.77281	50.0836	-0.014063
2.45818	82.703	82.2928	829.907	1124.48	12.4972	5.83875	50.2912	-0.011563
2.45918	82.4295	81.7458	828.079	1123.66	12.5865	5.84844	50.0444	-0.01375
2.46018	81.8826	82.1581	827.622	1124.48	12.4075	5.84437	49.899	-0.012188
2.46118	82.4295	81.8826	826.138	1124.07	12.4768	5.84687	49.9951	-0.012188
2.46218	82.1581	81.8826	824.424	1124.75	12.2404	5.84344	49.7977	-0.0125
2.46318	81.8826	81.3356	823.398	1124.07	12.2812	5.84344	49.7977	-0.012813
2.46418	82.0193	82.0193	822.254	1123.12	12.2446	5.84219	49.8984	-0.013438
2.46518	81.7458	82.1581	820.198	1123.66	12.1263	5.83889	49.9951	-0.014063
2.46618	82.0193	82.2928	819.97	1124.48	11.9429	5.84219	49.9458	-0.011563
2.46718	82.1581	82.2928	818.599	1124.21	11.9143	5.83989	49.7977	-0.010625
2.46818	81.8826	82.0193	818.257	1123.93	11.9551	5.83989	49.8984	-0.012813
2.46918	81.7458	82.2928	818.142	1123.52	11.6249	5.83408	49.6497	-0.013438
2.47018	82.1581	81.3356	818.599	1124.21	11.8002	5.83469	49.6497	-0.012813
2.47118	81.6091	82.0193	817.571	1123.52	11.6536	5.83408	49.6497	-0.013438
2.47218	82.4295	81.8826	817.343	1123.93	11.5393	5.83531	49.1582	-0.012813
2.47318	81.8826	81.8826	816.543	1123.12	11.9102	5.83469	49.3043	-0.012813
2.47418	82.0193	82.4295	815.744	1123.52	11.9388	5.83594	49.1089	-0.012813
2.47518	82.1581	81.8826	814.487	1122.71	11.9795	5.83719	48.9095	-0.01825
2.47618	82.1581	82.1581	814.031	1123.12	12.1589	5.83825	48.8828	-0.014063
2.47718	82.2928	81.8826	812.431	1123.93	12.1915	5.83781	49.3043	-0.012813
2.47818	82.4295	81.8826	811.175	1124.21	12.2975	5.84094	48.8108	-0.013438
2.47918	82.4295	82.1581	809.919	1123.12	12.3871	5.84281	48.9095	-0.013438
2.48018	82.1581	82.0193	808.776	1124.34	12.3219	5.84406	48.7121	-0.013438
2.48118	81.8826	82.1581	807.52	1122.84	12.4279	5.84531	48.7615	-0.012188
2.48218	82.2928	82.1581	807.177	1122.84	12.4442	5.84594	48.6628	-0.01375
2.48318	82.0193	82.4295	806.721	1123.12	12.4198	5.83219	48.5148	-0.013438
2.48418	81.8826	82.1581	806.492	1123.12	12.5178	5.80844	48.7121	-0.013438
2.48518	82.4295	82.1581	807.177	1123.8	12.5178	5.79469	48.4161	-0.013438
2.48618	82.703	82.2928	807.406	1123.8	12.4624	5.77219	48.3174	-0.013438
2.48718	82.1581	82.703	806.378	1123.52	12.6073	5.81594	48.3174	-0.01375
2.48818	82.1581	82.0193	806.378	1123.66	12.4238	5.85594	48.4161	-0.013438
2.48918	82.1581	82.703	806.578	1123.12	12.4198	5.84219	48.0707	-0.014063
2.49018	82.1581	81.8826	806.035	1124.07	12.538	5.84594	47.8733	-0.014063
2.49118	81.6091	82.4295	805.693	1123.93	12.3871	5.83989	47.7253	-0.011875
2.49218	82.0193	82.703	805.807	1123.66	12.3871	5.83989	47.9228	-0.01375
2.49318	81.8826	81.8826	804.893	1123.66	12.3138	5.83989	47.9228	-0.013125
2.49418	82.2928	82.2928	805.35	1123.8	12.2078	5.83781	47.972	-0.011875
2.49518	81.8826	82.0193	805.578	1122.84	11.9308	5.83469	47.7748	-0.015313
2.49618	82.4295	82.0193	804.893	1122.57	11.5842	5.83469	47.7253	-0.014375
2.49718	81.7458	82.4295	803.522	1122.02	11.6463	5.83063	47.2811	-0.015313
2.49818	82.703	82.1581	803.751	1122.84	11.5067	5.83375	47.4292	-0.012813

2.49918	81.8826	81.7458	803.979	1123.12	11.4089	5.83489	47.8239	-0.012188
2.50018	82.1561	81.3358	803.522	1122.84	11.6393	5.83666	47.0344	-0.013438
2.50118	82.1561	81.3358	802.951	1122.98	11.6475	5.83531	48.9357	-0.014083
2.50218	82.0193	81.8826	802.152	1123.12	11.8412	5.83281	48.9357	-0.011875
2.50318	82.0193	82.1561	801.681	1122.98	11.8942	5.83489	48.837	-0.012813
2.50418	81.8091	82.1561	800.324	1122.98	11.8898	5.83489	48.9357	-0.012813
2.50518	82.1561	82.703	799.982	1123.12	11.8901	5.83781	48.5903	-0.011563
2.50618	82.0193	82.4285	799.867	1123.12	11.8412	5.83875	48.541	-0.013438
2.50718	82.4285	82.1561	800.324	1123.12	11.7835	5.83869	48.541	-0.013125
2.50818	82.1561	82.1561	800.324	1122.57	11.7594	5.83844	48.2449	-0.015313
2.50918	82.2928	82.703	799.867	1123.08	11.7876	5.84437	48.4916	-0.013125
2.51018	82.0193	82.4285	800.096	1122.57	11.7227	5.84219	48.541	-0.012813
2.51118	82.1561	82.0193	800.867	1122.84	11.6901	5.84344	48.9488	-0.013438
2.51218	81.4724	82.1561	801.238	1123.12	11.7268	5.83719	48.3436	-0.014376
2.51318	82.0193	82.1561	802.495	1122.43	11.6901	5.81219	48.0969	-0.015313
2.51418	82.1561	82.4285	803.637	1122.43	11.7024	5.79312	48.0475	-0.015313
2.51518	82.1561	82.6683	804.893	1122.43	11.6779	5.77376	48.8986	-0.012813
2.51618	81.7458	82.1561	805.578	1123.06	11.576	5.81312	48.8502	-0.012813
2.51718	82.4285	81.8826	806.378	1122.57	11.5026	5.85594	48.8502	-0.0125
2.51818	82.1561	82.0193	806.721	1122.57	11.4819	5.83989	48.7515	-0.01125
2.51918	82.5663	81.8826	805.464	1121.48	11.3355	5.84094	48.1593	-0.015313
2.52018	82.0193	81.8826	806.036	1122.3	11.3274	5.83989	48.258	-0.01375
2.52118	82.2928	81.8826	807.177	1122.84	11.307	5.83989	48.9982	-0.012813
2.52218	82.2928	82.2928	806.721	1122.02	11.2377	5.83812	48.3567	-0.011663
2.52318	82.1561	82.4285	805.807	1121.89	11.1164	5.84188	48.258	-0.012188
2.52418	81.8826	81.8826	805.464	1122.57	10.9687	5.83719	48.0608	-0.01376
2.52518	82.0193	81.4724	806.36	1122.3	10.8545	5.83408	44.8633	-0.010313
2.52618	82.4285	82.0193	806.036	1122.84	10.8219	5.83437	44.9619	-0.012813
2.52718	82.0193	82.2928	805.807	1122.02	10.7323	5.83408	44.7646	-0.012188
2.52818	82.2928	82.1561	807.406	1122.3	10.6711	5.83437	44.7152	-0.011875
2.52918	81.6091	82.4285	808.32	1121.2	10.6069	5.83594	44.4685	-0.014083
2.53018	82.8398	82.1561	809.233	1120.11	10.5815	5.83531	43.9751	-0.015313
2.53118	81.8826	82.2928	809.005	1120.25	10.5855	5.83594	44.1231	-0.01376
2.53218	82.4285	81.8826	810.832	1121.2	10.667	5.83844	44.1231	-0.012188
2.53318	82.1561	82.2928	811.88	1120.79	11.1236	5.83812	43.9751	-0.0125
2.53418	82.1561	81.8826	811.289	1120.25	10.9931	5.84219	44.1231	-0.012813
2.53518	82.1561	82.1561	813.003	1120.38	11.1154	5.83969	44.0737	-0.011875
2.53618	81.6091	82.0193	813.574	1119.84	11.1643	5.83838	43.879	-0.013438
2.53718	82.4285	82.0193	813.802	1119.84	11.2295	5.83908	43.8784	-0.012188
2.53818	82.4285	82.1561	814.944	1120.38	11.2622	5.84437	43.879	-0.012813
2.53918	82.2928	81.8091	815.868	1120.38	11.9437	5.84344	43.879	-0.01375
2.54018	82.1561	82.2928	816.429	1118.74	11.3722	5.84344	43.531	-0.013125
2.54118	82.4285	82.0193	816.201	1118.83	11.3569	5.83219	43.0888	-0.015625
2.54218	82.2928	81.7458	817.571	1118.74	11.417	5.81187	43.531	-0.014376
2.54318	81.8826	81.8826	818.599	1117.85	11.4741	5.79083	43.9751	-0.01376
2.54418	82.1561	81.7458	818.058	1117.52	11.4986	5.77437	43.3829	-0.013438
2.54518	82.2928	82.1561	818.741	1117.38	11.4845	5.82594	43.2842	-0.012813
2.54618	82.1561	82.2928	819.97	1118.42	11.47	5.84908	42.9882	-0.014083
2.54718	82.2928	81.7458	821.34	1118.01	11.4741	5.83908	43.1382	-0.014083

2.54818	81.8828	82.1581	821.588	1115.19	11.4252	5.84219	42.8821	-0.013438
2.54918	82.0193	82.0193	823.054	1113.89	11.3783	5.83844	42.5834	-0.012813
2.55018	82.1581	81.6091	823.054	1115.06	11.3681	5.83719	42.5441	-0.013125
2.55118	82.1581	82.5883	823.054	1112.73	11.3233	5.83889	42.5834	-0.012188
2.55218	81.8828	82.5883	822.94	1111.1	11.1808	5.83582	41.9519	-0.015825
2.55318	82.2928	82.1581	823.625	1111.84	11.1888	5.83719	42.388	-0.012813
2.55418	82.1581	82.1581	824.995	1110.82	11.0584	5.83437	42.7908	-0.012813
2.55518	82.2928	82.4295	826.224	1110.28	10.718	5.83344	42.1888	-0.012188
2.55618	82.8398	81.8828	826.908	1107.82	10.7119	5.83858	42.7414	-0.010825
2.55718	81.8828	82.1581	827.051	1107	10.7078	5.8325	42.4947	-0.014063
2.55818	82.1581	81.8828	827.737	1105.83	10.4632	5.83408	42.5441	-0.012813
2.55918	81.8081	82.0193	829.107	1104.54	10.8344	5.83594	42.7414	-0.013125
2.56018	81.7458	82.0193	830.021	1103.58	10.8467	5.83408	42.3467	-0.013125
2.56118	82.1581	82.1581	831.049	1102.83	10.718	5.83489	42.388	-0.013438
2.56218	81.7458	82.2928	831.392	1100.44	10.7241	5.83489	42.4454	-0.012813
2.56318	82.1581	82.4295	833.904	1099.82	10.7404	5.83187	42.4454	-0.010313
2.56418	81.7458	82.2928	833.79	1098.53	10.7893	5.83219	42.1988	-0.015313
2.56518	82.8398	82.2928	835.275	1098.67	10.8342	5.83281	42.5834	-0.012813
2.56618	82.4295	81.8828	835.88	1096.89	10.8831	5.83858	42.388	-0.013438
2.56718	82.4295	81.8828	837.674	1096.82	10.8464	5.83889	42.4947	-0.012813
2.56818	82.0193	81.8828	838.473	1094.71	10.8505	5.83858	42.5834	-0.012188
2.56918	82.1581	81.3356	838.702	1093.89	10.8872	5.83719	42.4454	-0.012813
2.57018	81.7458	82.0193	840.072	1092.25	10.8505	5.81719	42.388	-0.013438
2.57118	82.4295	82.1581	840.415	1090.88	10.8218	5.79408	42.5441	-0.012813
2.57218	82.4295	82.0193	842.014	1090.88	10.8545	5.77719	42.4454	-0.012188
2.57318	82.1581	82.1581	842.813	1088.15	10.8545	5.78889	42.4947	-0.012813
2.57418	81.8828	81.8828	843.27	1085.86	10.7893	5.83219	42.2873	-0.012813
2.57518	82.1581	81.8828	844.412	1084.33	10.7975	5.83889	42.5834	-0.014063
2.57618	82.4295	81.8828	845.555	1082.69	10.7893	5.83838	42.9882	-0.012188
2.57718	82.1581	82.2928	845.555	1081.73	10.7404	5.83889	42.0013	-0.014063
2.57818	82.4295	82.1581	846.811	1080.5	10.7241	5.83719	41.7545	-0.014063
2.57918	82.703	82.1581	847.382	1080.23	10.8762	5.83719	41.9519	-0.012813
2.58018	82.0193	82.1581	847.839	1080.36	10.8304	5.83889	41.9519	-0.012813
2.58118	82.0193	81.8091	848.753	1078.59	10.567	5.83719	41.8532	-0.013125
2.58218	82.4295	81.8828	849.888	1078.32	10.5244	5.83489	42.0013	-0.013125
2.58318	82.4295	82.0193	850.58	1078.32	10.4306	5.83531	42.1888	-0.011583
2.58418	81.8828	82.1581	851.837	1078.54	10.3854	5.83489	42.1403	-0.015313
2.58518	82.1581	81.7458	853.321	1074.77	10.3002	5.83281	42.1888	-0.009375
2.58618	82.4295	82.1581	852.75	1072.44	10.2798	5.83281	41.9028	-0.015313
2.58718	81.8828	82.0193	854.578	1072.31	10.2024	5.83594	42.388	-0.012813
2.58818	82.4295	82.1581	856.882	1071.08	10.0882	5.83375	42.8921	-0.012813
2.58918	81.8091	82.0193	858.119	1069.98	10.0638	5.83887	42.388	-0.0126
2.59018	82.4295	81.3356	859.718	1068.76	10.0312	5.83489	42.1888	-0.012813
2.59118	82.4295	81.8828	860.831	1067.88	9.98835	5.83844	41.9519	-0.012813
2.59218	82.0193	81.1889	862.002	1066.02	9.97412	5.83844	41.7052	-0.012188
2.59318	81.8828	81.8828	862.459	1064.11	10.0027	5.83838	41.4091	-0.014375
2.59418	81.8828	82.2928	863.487	1064.93	10.0312	5.84281	41.3598	-0.014375
2.59518	82.1581	82.0193	863.801	1061.85	10.3002	5.84281	41.3598	-0.012813
2.59618	82.2928	82.1581	864.972	1060.56	10.2757	5.84094	41.3104	-0.013125

2.59719	82.2928	81.8826	864.286	1060.42	10.3206	5.84469	40.9157	-0.014063
2.59819	82.1561	81.7458	864.972	1059.74	10.3899	5.83969	41.6065	-0.011876
2.59919	82.2928	81.8826	864.286	1059.19	10.4184	5.81856	40.965	-0.012813
2.60019	82.2928	82.1561	866.543	1058.65	10.4714	5.79625	41.1131	-0.013125
2.60119	82.1561	81.8826	866.314	1058.1	10.6244	5.7776	41.4091	-0.013438
2.60219	82.703	81.8826	866.865	1056.46	10.557	5.78187	41.1131	-0.011875
2.60319	81.7458	82.4295	866.913	1055.37	10.5629	5.85531	41.2117	-0.011563
2.60419	82.1561	82.0193	867.028	1054.28	10.5611	5.84219	41.3104	-0.012813
2.60519	82.1561	82.1561	867.713	1053.73	10.5448	5.84406	41.1131	-0.013125
2.60619	82.4295	81.8826	868.855	1052.78	10.6285	5.84188	41.2811	-0.0125
2.60719	82.1561	82.0193	870.34	1052.09	10.6692	5.84094	41.0637	-0.010625
2.60819	82.2928	82.1561	870.226	1051.41	10.6629	5.84156	41.1131	-0.015313
2.60919	82.1561	81.6091	872.053	1051	10.5162	5.83812	41.3104	-0.012813
2.61019	82.1561	81.8826	873.766	1050.73	10.5244	5.83719	41.3104	-0.014063
2.61119	82.4295	82.1561	875.708	1049.91	10.5285	5.83844	41.4091	-0.011663
2.61219	81.7458	82.2928	876.622	1049.63	10.4714	5.83375	41.4091	-0.012813
2.61319	82.1561	82.1561	877.65	1048.54	10.3491	5.83406	41.4585	-0.012188
2.61419	82.1561	82.0193	878.906	1047.18	10.341	5.83469	41.4585	-0.012188
2.61519	82.4295	82.0193	880.506	1046.63	10.3206	5.83562	41.5078	-0.014375
2.61619	82.2928	81.8826	881.191	1046.54	10.2676	5.83594	41.3104	-0.014063
2.61719	82.4295	82.0193	881.647	1043.62	10.1983	5.83281	41.4091	-0.012188
2.61819	82.1561	82.0193	883.018	1042.12	10.1616	5.83469	41.3104	-0.012813
2.61919	82.2928	81.8826	882.447	1041.03	9.71325	5.83489	40.817	-0.014063
2.62019	82.4295	81.8826	882.333	1039.94	9.73363	5.83781	41.2811	-0.0125
2.62119	81.8826	82.1561	882.561	1038.98	9.77439	5.83908	40.4716	-0.012813
2.62219	82.2928	82.4295	883.361	1037.34	9.81543	5.84094	40.2249	-0.013125
2.62319	81.8826	82.1561	884.389	1036.25	9.73363	5.84094	40.0788	-0.015313
2.62419	82.0193	82.4295	884.389	1034.88	9.87629	5.83969	39.7908	-0.013438
2.62519	82.1561	82.0193	884.846	1034.34	9.88064	5.84219	39.8301	-0.01375
2.62619	82.1561	82.1561	885.188	1034.06	9.81543	5.84344	39.8301	-0.013438
2.62719	82.2928	82.1561	885.302	1034.06	9.87222	5.83594	39.7808	-0.014063
2.62819	82.1561	81.8826	885.302	1032.01	9.92521	5.81166	39.8301	-0.014063
2.62919	81.8826	81.7458	885.645	1031.33	9.83553	5.79219	40.1282	-0.011875
2.63019	82.4295	81.8826	885.988	1030.51	9.98835	5.77187	40.0788	-0.015313
2.63119	82.1561	82.0193	885.645	1031.2	9.94559	5.82281	40.2249	-0.012813
2.63219	82.2928	82.1561	885.302	1030.24	9.85184	5.85562	40.1755	-0.012813
2.63319	82.1561	82.0193	885.759	1029.83	9.98227	5.84469	40.3235	-0.010938
2.63419	82.2928	81.6091	885.645	1028.87	9.98227	5.84594	40.3729	-0.013438
2.63519	82.1561	81.8826	886.102	1028.05	10.0027	5.84219	40.4222	-0.012813
2.63619	82.2928	82.0193	886.873	1027.23	10.0719	5.84281	40.7676	-0.011875
2.63719	81.6091	82.1561	887.358	1026.14	9.77439	5.83969	40.7676	-0.0125
2.63819	82.1561	81.8826	888.501	1025.87	9.88037	5.83969	41.2117	-0.011875
2.63919	81.6091	82.1561	889.643	1024.78	9.95781	5.83856	41.1131	-0.01375
2.64019	82.4295	82.0193	891.564	1024.78	9.85989	5.83825	40.9157	-0.01125
2.64119	82.1561	82.1561	891.564	1023.98	9.89667	5.83406	40.817	-0.014063
2.64219	82.5653	81.8826	892.384	1022.59	9.92113	5.83531	41.0144	-0.012188
2.64319	82.4295	82.1561	893.412	1022.04	9.87629	5.83437	41.1131	-0.014063
2.64419	82.1561	82.0193	893.983	1021.22	9.88852	5.83281	41.2117	-0.013125
2.64519	82.4295	82.1561	894.658	1020.27	9.88037	5.83489	40.817	-0.013125

2.64619	82.703	82.0193	895.354	1020	9.88852	5.83781	40.7878	-0.012813
2.64719	82.4295	81.8828	895.925	1019.31	9.74994	5.83844	40.6196	-0.012813
2.64819	82.2928	81.3356	896.039	1017.87	9.73771	5.83908	40.6196	-0.01375
2.64919	82.4295	81.8828	895.898	1017.54	9.78216	5.83938	40.1755	-0.012813
2.65019	82.1561	82.1561	895.81	1014.67	9.7051	5.84281	40.0275	-0.0126
2.65119	81.8828	81.8828	896.724	1013.71	9.72548	5.84281	40.1282	-0.012188
2.65219	82.1561	81.3356	897.087	1013.58	9.64803	5.84658	39.7314	-0.014063
2.65319	82.1561	81.7458	896.488	1013.3	9.48907	5.84812	39.6327	-0.015313
2.65419	81.8828	81.8828	896.287	1012.89	9.44831	5.84906	39.6327	-0.012188
2.65519	82.1561	82.1561	896.724	1013.3	9.49722	5.84489	39.7808	-0.011563
2.65619	82.703	81.7458	896.354	1011.25	9.42793	5.82631	39.8301	-0.014063
2.65719	82.1561	82.4295	895.81	1011.39	9.23228	5.80437	39.8301	-0.013438
2.65819	82.0193	82.1561	895.354	1010.84	9.26488	5.78584	39.6327	-0.013438
2.65919	82.1561	82.0193	895.81	1010.84	9.20782	5.80406	39.8301	-0.012813
2.66019	81.8828	81.8828	895.354	1010.3	9.17521	5.85906	40.0275	-0.014375
2.66119	82.4295	81.7458	895.81	1008.8	9.23635	5.84406	40.1755	-0.012188
2.66219	82.0193	82.2928	895.354	1008.93	9.37494	5.84719	40.5703	-0.01125
2.66319	82.4295	82.0193	896.039	1008.86	9.30972	5.84594	40.1282	-0.01375
2.66419	82.0193	81.6091	896.498	1007.02	9.38717	5.84281	40.689	-0.013438
2.66519	82.4295	82.0193	897.409	1007.18	9.45238	5.84437	40.6196	-0.013125
2.66619	82.1561	81.4724	898.095	1006.47	9.36271	5.84469	40.5209	-0.013438
2.66719	82.2928	81.6091	899.009	1006.79	9.47884	5.84562	40.3235	-0.013438
2.66819	81.8828	82.2928	898.894	1004.84	9.50945	5.83969	40.5703	-0.014063
2.66919	81.7458	82.0193	900.151	1005.85	9.5176	5.83969	40.5703	-0.0125
2.67019	82.0193	81.8828	900.836	1004.29	9.56244	5.84219	40.5209	-0.012188
2.67119	82.4295	82.0193	901.084	1004.02	9.56244	5.83938	40.6196	-0.012813
2.67219	81.8828	82.1561	901.521	1001.69	9.54813	5.83781	40.3729	-0.013125
2.67319	82.2928	82.1561	901.878	1001.16	9.5176	5.83938	40.5209	-0.012188
2.67419	82.1561	82.4295	902.664	1000.46	9.55021	5.83719	40.4222	-0.011875
2.67519	82.1561	82.1561	903.12	999.918	9.53788	5.84219	40.2249	-0.014063
2.67619	81.8828	82.0193	902.664	999.099	9.44831	5.84219	40.1282	-0.014888
2.67719	81.7458	82.0193	903.463	998.552	9.52983	5.84489	39.8301	-0.013438
2.67819	82.4295	81.8828	903.12	998.279	9.50945	5.84719	39.6327	-0.012813
2.67919	82.1561	82.0193	903.12	997.323	9.48499	5.84658	39.8821	-0.012813
2.68019	82.1561	82.1561	902.892	997.598	9.48499	5.84969	39.5834	-0.013438
2.68119	82.1561	81.8828	903.349	997.323	9.41977	5.84969	39.4353	-0.014063
2.68219	82.1561	82.1561	903.349	996.23	9.4157	5.84906	39.6821	-0.014063
2.68319	82.0193	82.2928	902.664	995.821	9.35456	5.84489	39.2873	-0.013438
2.68419	82.1561	81.7458	903.12	995.684	9.28934	5.81875	39.4353	-0.012813
2.68519	82.4295	82.1561	902.892	995.274	9.32195	5.79969	39.238	-0.014063
2.68619	82.0193	82.1561	902.207	994.045	9.23635	5.78312	39.238	-0.013438
2.68719	82.4295	81.7458	901.978	994.455	9.07738	5.79594	39.8301	-0.010313
2.68819	82.1561	82.1561	901.521	994.182	9.06108	5.85469	39.3368	-0.013125
2.68919	82.1561	81.7458	902.092	993.499	8.98771	5.84844	39.6327	-0.012813
2.69019	82.5863	81.8828	901.75	993.635	8.89804	5.86375	39.6327	-0.012813
2.69119	82.1561	81.6091	902.664	992.543	8.88989	5.85094	39.7314	-0.012813
2.69219	81.8828	82.1561	903.577	992.816	8.83309	5.84594	39.7808	-0.014063
2.69319	82.0193	82.1561	903.12	992.543	8.63936	5.84658	39.9288	-0.013438
2.69419	82.0193	81.8828	903.008	991.996	8.61896	5.84594	40.0768	-0.014063

2.69619	81.8828	82.1581	904.377	991.45	8.48228	5.84656	40.1262	-0.014375
2.69619	81.8828	82.0193	904.377	990.357	8.44967	5.84344	40.0275	-0.012813
2.69719	82.1581	82.0193	904.283	989.401	8.47005	5.84281	40.0788	-0.012813
2.69819	81.8828	82.0193	905.633	989.285	8.50266	5.84188	40.1262	-0.012813
2.69919	82.1581	81.7458	906.09	988.718	8.49043	5.84281	40.0275	-0.013125
2.70019	82.1581	82.1581	906.204	988.172	8.55973	5.84469	39.8301	-0.013438
2.70119	82.0193	82.4295	907.232	987.626	8.57195	5.84375	39.8301	-0.014063
2.70219	81.8828	81.4724	908.146	986.533	8.58011	5.84344	39.7314	-0.0125
2.70319	81.8828	82.4295	908.032	985.86	8.64532	5.84281	39.6327	-0.012813
2.70419	82.4295	82.2928	909.06	985.123	8.65347	5.84469	39.2873	-0.014063
2.70519	81.6091	82.2928	908.603	984.348	8.60049	5.83969	39.3366	-0.014063
2.70619	82.1581	82.1581	909.517	985.167	8.65756	5.84219	39.238	-0.012188
2.70719	82.1581	81.3356	909.617	983.255	8.66978	5.84408	39.0406	-0.014063
2.70819	82.1581	82.1581	908.831	983.118	8.66978	5.84562	38.9419	-0.014063
2.7092	82.1581	81.6091	909.06	982.982	8.72277	5.84667	39.0406	-0.012813
2.7102	82.4295	82.1581	908.374	981.889	8.71054	5.84719	38.7939	-0.014063
2.7112	81.7458	82.0193	908.603	982.709	8.71462	5.84719	38.8925	-0.01375
2.7122	82.1581	82.4295	908.374	982.436	8.74722	5.82219	38.4484	-0.012188
2.7132	82.2928	81.8828	908.489	982.709	8.79206	5.80187	38.6468	-0.013438
2.7142	82.1581	82.0193	907.481	982.709	8.70846	5.78219	38.8432	-0.012813
2.7152	82.1581	82.1581	906.89	981.889	8.735	6.77969	38.8432	-0.013125
2.7162	81.8828	82.4295	906.204	980.523	8.70239	5.85281	38.8432	-0.013438
2.7172	82.1581	82.2928	906.318	980.387	8.68201	5.84656	38.8432	-0.01375
2.7182	82.4295	82.1581	905.662	977.109	8.63717	5.84625	38.4484	-0.013125
2.7192	81.8828	82.1581	905.747	976.066	8.66978	5.84694	38.9419	-0.011569
2.7202	82.1581	81.7458	906.318	976.475	8.62902	5.84662	38.0406	-0.011569
2.7212	81.6091	82.0193	906.09	976.611	8.60458	5.84469	38.7939	-0.014688
2.7222	81.7458	82.1581	905.633	977.792	8.55973	5.84667	39.0406	-0.012813
2.7232	82.1581	82.1581	906.09	977.655	8.52304	5.84166	38.9912	-0.013125
2.7242	82.4295	81.8828	905.633	976.972	8.51081	5.84219	38.9419	-0.013125
2.7262	82.1581	82.1581	907.004	976.663	8.41299	5.83719	39.3366	-0.015313
2.7262	82.4295	82.1581	907.004	976.065	8.40891	5.83719	39.2873	-0.013125
2.7272	81.8828	81.8828	908.032	975.606	8.32331	5.83656	39.3366	-0.012813
2.7282	82.1581	81.8828	908.374	975.606	8.27033	5.83844	39.366	-0.012813
2.7292	81.8828	82.1581	908.489	974.514	8.21326	5.83781	39.0406	-0.014063
2.7302	81.8828	82.1581	909.06	975.06	8.11544	5.83906	39.3366	-0.013438
2.7312	81.3356	82.2928	909.517	973.831	7.985	5.84125	39.7808	-0.014063
2.7322	82.1581	82.1581	909.859	973.421	7.985	5.83969	39.2873	-0.014375
2.7332	82.1581	81.8828	910.545	972.328	7.97885	5.84344	39.0406	-0.014063
2.7342	81.7458	82.0193	911.573	971.236	8.00638	5.84344	39.3366	-0.012813
2.7352	82.1581	82.1581	911.458	971.236	8.03799	5.84562	39.0406	-0.011875
2.7362	81.8828	82.0193	911.673	971.236	8.03391	5.84625	38.8925	-0.012813
2.7372	81.3356	82.4295	912.144	970.553	8.08283	5.84781	38.5965	-0.012813
2.7382	82.4295	82.1581	912.029	970.553	8.09505	5.85063	38.4484	-0.01375
2.7392	82.2928	81.8828	911.801	969.597	8.12359	5.85063	38.3991	-0.013125
2.7402	82.0193	82.0193	911.116	968.604	8.11544	5.82844	37.9057	-0.014375
2.7412	82.1581	82.1581	911.344	969.06	8.20511	5.81031	38.2017	-0.014375
2.7422	82.1581	82.0193	910.887	969.87	8.20918	5.79437	38.6459	-0.014688
2.7432	81.8828	82.1581	909.873	969.06	8.28626	5.78312	38.3498	-0.012813

2.7442	82.1561	81.8826	909.631	989.06	8.27648	5.85408	38.4484	-0.012813
2.7452	82.1561	82.0193	909.517	988.504	8.28217	5.85094	38.3891	-0.012813
2.7462	82.0193	82.1561	909.174	987.958	8.32739	5.84781	38.5985	-0.011563
2.7472	82.1561	82.1561	908.717	987.138	8.31109	5.84844	38.6458	-0.012813
2.7482	81.7458	82.4295	908.831	987.958	8.29478	5.84908	38.8925	-0.013125
2.7492	82.1561	82.1561	908.148	985.226	8.29071	5.84531	38.6458	-0.013438
2.7502	82.1561	82.0193	907.575	985.489	8.28217	5.84437	38.6458	-0.013125
2.7512	82.1561	82.4295	907.232	984.407	8.22549	5.84281	38.3498	-0.015625
2.7522	82.1561	82.0193	907.346	984.88	8.24995	5.84281	38.6952	-0.012188
2.7532	81.8826	81.8826	907.575	985.499	8.19696	5.83969	39.4353	-0.010938
2.7542	81.6091	81.8826	907.918	985.499	8.20918	5.83969	38.7939	-0.01375
2.7552	81.8826	82.1561	907.918	985.773	8.20103	5.84437	39.0406	-0.012188
2.7562	81.7458	82.1561	907.803	985.363	8.12359	5.84094	39.3366	-0.011563
2.7572	81.7458	82.1561	908.148	985.226	8.12768	5.84156	39.3386	-0.014063
2.7582	81.6091	82.2928	908.032	983.997	8.08245	5.83938	39.8327	-0.014063
2.7592	81.8826	81.8826	907.461	984.133	8.04207	5.84156	39.8327	-0.014063
2.7602	82.0193	81.8826	908.032	984.68	8.01761	5.84125	39.8301	-0.013438
2.7612	81.7458	82.0193	908.148	982.768	7.98093	5.84489	39.8821	-0.012813
2.7622	82.0193	82.0193	907.803	981.402	7.91571	5.84437	39.1393	-0.017188
2.7632	81.8826	82.2928	909.06	982.221	7.89533	5.84719	39.9781	-0.013438
2.7642	81.6091	82.1561	908.288	982.768	7.87087	5.84656	40.0275	-0.0125
2.7652	81.8826	82.0193	908.973	983.177	7.87087	5.84937	39.534	-0.0125
2.7662	82.1561	82.1561	910.659	982.358	7.81381	5.85156	39.5834	-0.013125
2.7672	81.8826	82.0193	911.118	981.948	7.7812	5.84719	39.5834	-0.013438
2.7682	82.0193	82.0193	911.801	982.358	7.75674	5.83658	39.0406	-0.011875
2.7692	81.7458	82.4295	911.344	981.812	7.72006	5.81531	38.9419	-0.012188
2.7702	82.1561	82.1561	911.118	981.948	7.67622	5.79469	38.6952	-0.010625
2.7712	82.1561	82.1561	910.659	981.129	7.64889	5.78344	38.7939	-0.012188
2.7722	82.1561	81.8826	909.517	959.217	7.60185	5.84344	38.5985	-0.0125
2.7732	82.4295	82.4295	908.717	958.397	7.50403	5.84658	37.6589	-0.014688
2.7742	81.8826	82.1561	907.803	958.943	7.48772	5.84375	38.4484	-0.016313
2.7752	81.8826	81.8826	907.689	959.763	7.47142	5.84812	38.9419	-0.013125
2.7762	81.3356	82.1561	907.004	960.173	7.46919	5.84875	38.3498	-0.012813
2.7772	82.2928	82.1561	906.318	960.582	7.37359	5.84875	38.3991	-0.012188
2.7782	81.8826	82.4295	904.948	960.173	7.22278	5.84469	38.3991	-0.013125
2.7792	81.7458	82.4295	904.034	959.217	7.25131	5.84219	38.5985	-0.013125
2.7802	81.3356	82.4295	903.349	958.67	7.18609	5.84156	38.6458	-0.011563
2.7812	82.1561	82.1561	903.12	958.124	7.16979	5.83719	38.2511	-0.012813
2.7822	82.0193	82.1561	903.349	958.67	7.19425	5.83908	38.4484	-0.014063
2.7832	81.8826	82.1561	902.664	957.851	7.18202	5.83625	38.7445	-0.013438
2.7842	81.8826	82.2928	902.664	957.851	7.2024	5.83719	38.7445	-0.012813
2.7852	81.8826	81.8826	902.436	958.534	7.21055	5.83969	38.8432	-0.014375
2.7862	81.6091	82.2928	902.664	958.124	7.25946	5.83969	39.386	-0.011875
2.7872	81.7458	81.8826	902.207	958.534	7.23093	5.84188	39.0406	-0.012813
2.7882	81.3356	82.4295	902.664	958.397	7.26354	5.84344	39.4353	-0.012188
2.7892	81.3356	82.2928	903.349	958.124	7.23093	5.84156	39.5834	-0.012813
2.7902	82.0193	82.1561	904.263	957.851	7.24316	5.84406	39.8301	-0.013125
2.7912	81.8826	82.1561	905.406	957.578	7.24316	5.84406	39.9781	-0.013438
2.7922	81.8826	82.2928	904.719	956.485	7.21055	5.84594	39.7808	-0.012813

2.7932	81.6091	82.0193	905.178	957.031	7.24316	5.84937	39.7808	-0.013438
2.7942	81.7458	82.1561	906.204	956.485	7.2024	5.84989	39.4363	-0.01375
2.7952	81.8828	81.8828	906.318	956.895	7.16979	5.84781	39.238	-0.014688
2.7962	81.8828	81.8828	906.09	956.485	7.23083	5.83406	39.2873	-0.013438
2.7972	82.1561	82.4295	906.775	956.212	7.2024	5.81187	39.8327	-0.013438
2.7982	82.1561	81.8828	907.689	956.212	7.23501	5.78989	39.0406	-0.014063
2.7992	81.8828	81.7458	906.032	955.939	7.19832	5.77531	38.8432	-0.011875
2.8002	82.1561	81.8828	907.689	956.865	7.16979	5.82406	38.6458	-0.012813
2.8012	82.1561	82.1561	907.346	956.865	7.22885	5.85437	38.6458	-0.012813
2.8022	81.3356	82.2928	907.232	956.392	7.18425	5.84489	38.4484	-0.012188
2.8032	82.4295	81.8828	906.775	956.256	7.16979	5.84781	38.3498	-0.011875
2.8042	81.8828	81.8828	906.318	954.673	7.15349	5.84406	38.2511	-0.012188
2.8052	82.4295	81.8828	905.633	954.3	7.13718	5.84437	38.1524	-0.012188
2.8062	81.1989	82.4295	905.862	954.573	7.15349	5.84156	38.3498	-0.010625
2.8072	81.3356	82.2928	903.92	954.3	7.12903	5.83906	37.955	-0.01625
2.8082	82.0193	81.8828	903.577	956.392	7.11272	5.83969	38.3498	-0.014688
2.8092	81.8828	81.6091	903.577	954.848	7.07186	5.83989	38.0537	-0.012813
2.8102	82.0193	81.6091	902.664	954.848	7.06381	5.83989	38.0043	-0.013125
2.8112	81.8828	82.1561	902.207	953.753	7.00676	5.83876	38.2511	-0.011563
2.8122	81.8828	81.4724	901.521	953.48	6.92115	5.83489	38.0537	-0.013438
2.8132	81.8828	82.0193	901.293	953.753	6.93338	5.84219	38.2511	-0.014375
2.8142	81.7458	82.1561	901.76	953.753	6.86186	5.84219	38.2511	-0.013438
2.8152	81.8828	82.4295	901.638	954.163	6.74588	5.83989	38.4484	-0.012188
2.8162	81.8828	82.2928	901.179	952.661	6.73773	5.84312	38.8952	-0.012188
2.8172	81.8828	82.1561	902.664	954.848	6.85621	5.84489	38.8952	-0.010625
2.8182	81.6091	81.8828	902.435	952.661	6.88881	5.84489	38.9419	-0.013438
2.8192	81.8828	82.1561	902.864	953.48	6.64806	5.84812	39.0406	-0.01375
2.8202	82.0193	82.1561	903.483	953.207	6.4524	5.86156	38.9419	-0.014063
2.8212	82.1561	82.4295	904.263	952.661	6.53382	5.85219	38.9912	-0.011563
2.8222	81.7458	81.4724	904.719	953.753	6.49724	5.85083	39.4353	-0.012188
2.8232	82.1561	82.1561	905.405	953.07	6.50539	5.85219	39.4353	-0.012813
2.8242	81.8828	82.1561	904.719	952.624	6.51782	5.83594	39.4847	-0.012813
2.8252	81.7458	82.1561	905.178	953.207	6.49318	5.81031	39.0406	-0.013125
2.8262	81.3356	82.1561	905.291	953.617	6.54208	5.79125	39.0406	-0.012813
2.8272	81.6091	82.1561	905.291	952.114	6.55023	5.77688	39.0406	-0.0125
2.8282	82.4295	82.0193	906.89	952.114	6.59507	5.84156	38.9419	-0.012813
2.8292	82.2928	82.1561	905.862	951.841	6.63175	5.85694	38.9912	-0.014063
2.8302	82.0193	81.6091	906.318	952.114	6.6399	5.85219	39.238	-0.013438
2.8312	81.7458	82.4295	905.862	951.158	6.6399	5.84989	39.7445	-0.01375
2.8322	81.8828	81.8828	906.318	951.295	6.62767	5.84906	39.7445	-0.014375
2.8332	82.1561	82.1561	906.318	951.588	6.70919	5.85219	38.3498	-0.014063
2.8342	81.8828	82.2928	905.976	951.431	6.81517	5.84631	38.103	-0.011875
2.8352	81.6091	82.2928	904.948	949.383	6.73773	5.84344	38.0043	-0.011563
2.8362	81.8828	82.0193	904.491	950.475	6.72957	5.84656	38.2511	-0.012813
2.8372	82.2928	81.8828	904.948	951.588	6.79072	5.84719	37.8583	-0.011563
2.8382	81.6091	82.1561	904.491	949.929	6.72142	5.84406	37.955	-0.01375
2.8392	82.0193	82.1561	905.405	951.022	6.69897	5.83989	38.2511	-0.012188
2.8402	81.4724	82.2928	903.92	950.475	6.88447	5.84125	38.2511	-0.016625
2.8412	81.8828	82.1561	903.12	950.339	6.88689	5.84344	38.2017	-0.012813

2.8422	81.7458	81.8826	903.577	950.612	6.70104	5.84469	37.8563	-0.012188
2.8432	81.7458	82.703	902.684	950.475	6.80702	5.84666	38.3004	-0.014083
2.8442	81.8826	82.1561	902.321	950.066	6.75811	5.84594	38.1524	-0.012813
2.8452	81.7458	81.4724	901.75	949.656	6.62767	5.84489	38.2017	-0.012813
2.8462	81.6091	81.7458	901.521	949.383	6.94153	5.84844	38.3004	-0.011875
2.8472	81.7458	81.8826	900.722	950.202	6.80294	5.85094	38.3991	-0.01375
2.84821	81.8826	81.8826	899.922	950.748	6.58284	5.85219	38.5865	-0.014083
2.84921	81.8826	82.0193	900.151	948.836	6.68408	5.85281	38.4978	-0.013125
2.85021	81.6091	82.0193	900.493	949.246	6.74588	5.85531	38.4484	-0.010625
2.85121	81.7458	82.1561	899.922	948.7	6.54615	5.85719	38.7939	-0.014688
2.85221	81.8826	82.0193	899.465	948.7	6.73773	5.83906	39.2873	-0.012813
2.85321	81.4724	82.0193	899.808	948.7	6.73365	5.81719	38.8432	-0.013438
2.85421	81.7458	82.5663	899.694	948.29	6.58284	5.79719	38.9419	-0.012813
2.85521	81.8826	82.2928	900.266	948.153	6.6399	5.79406	39.0406	-0.012813
2.85621	81.1989	82.2928	899.808	948.29	6.60729	5.88489	38.9419	-0.013438
2.85721	82.1561	81.8826	899.808	947.744	6.6217	5.85687	38.9419	-0.014083
2.85821	81.6091	81.8826	900.151	947.744	6.50947	5.85719	38.9419	-0.014083
2.85921	81.6091	82.1561	900.151	949.519	6.50132	5.85682	38.9419	-0.011563
2.86021	81.7458	81.8826	899.922	948.017	6.52577	5.85719	38.8432	-0.013438
2.86121	81.8826	81.8826	900.151	946.924	6.46483	5.85531	38.6458	-0.011563
2.86221	81.8826	82.0193	900.608	947.197	6.39534	5.85406	38.1524	-0.014083
2.86321	81.6091	82.0193	900.379	946.788	6.48463	5.85406	38.2511	-0.012813
2.86421	81.6091	81.8826	900.608	947.061	6.38719	5.85063	37.955	-0.01375
2.86521	81.8826	82.4295	901.179	947.197	6.32197	5.85219	38.2511	-0.013125
2.86621	81.3356	82.4295	900.608	946.514	6.37903	5.84844	37.955	-0.012813
2.86721	81.8826	81.6091	901.293	947.197	6.29751	5.84844	37.7578	-0.012813
2.86821	82.2928	82.4295	900.265	946.378	6.30159	5.84781	37.8563	-0.012188
2.86921	81.6091	82.1561	899.694	946.105	6.2488	5.84844	37.8096	-0.012813
2.87021	81.8826	81.8826	898.009	946.105	6.19153	5.84875	37.4122	-0.010313
2.87121	81.8826	82.1561	898.323	946.105	6.20784	5.84969	37.4615	-0.012813
2.87221	81.8826	82.1561	898.095	945.988	6.16485	5.84844	37.3629	-0.011563
2.87321	82.0193	82.1561	895.81	945.149	6.10694	5.84844	37.4615	-0.012813
2.87421	81.6091	82.5663	895.582	945.558	6.10694	5.85281	37.2642	-0.013125
2.87521	81.7458	82.0193	893.883	945.831	6.03257	5.85126	37.6589	-0.013125
2.87621	81.8826	82.1561	893.412	944.466	5.97958	5.85469	37.4122	-0.014688
2.87721	81.1989	82.5663	892.156	943.919	5.89806	5.85989	37.1655	-0.013438
2.87821	81.7458	82.1561	891.899	943.919	5.81654	5.85781	37.4615	-0.013438
2.87921	81.3356	82.2928	891.013	943.1	5.81654	5.85344	37.6802	-0.013125
2.88021	81.8826	82.5663	890.671	943.373	5.77578	5.83281	37.3135	-0.011563
2.88121	81.7458	82.0193	891.128	945.558	5.74724	5.81489	37.7578	-0.013438
2.88221	81.0622	82.703	891.366	942.827	5.69426	5.79344	37.7083	-0.013125
2.88321	81.6091	82.0193	890.442	943.1	5.68203	5.81719	37.955	-0.010313
2.88421	81.6091	82.1561	890.785	943.783	5.71871	5.86969	37.8563	-0.013438
2.88521	81.8826	82.1561	890.785	943.1	5.70241	5.85406	38.2017	-0.012813
2.88621	81.4724	82.2928	890.785	943.646	5.69426	5.85844	38.0537	-0.01375
2.88721	82.1561	81.8826	891.242	943.373	5.69426	5.85781	38.0537	-0.0125
2.88821	81.4724	82.4295	890.671	941.734	5.6881	5.85469	37.9057	-0.014375
2.88921	81.7458	82.0193	890.785	942.28	5.66757	5.85094	37.8563	-0.013438
2.89021	81.6091	81.3356	890.671	942.007	5.70241	5.85313	37.8563	-0.01375

2.89121	81.8828	81.8828	891.013	941.597	5.88203	5.85281	37.8583	-0.013438
2.89221	81.7458	81.8828	891.47	941.734	5.87388	5.85125	37.4615	-0.011875
2.89321	81.6091	82.1561	890.214	941.461	5.88203	5.85094	37.4615	-0.011875
2.89421	81.4724	82.0193	891.242	940.641	5.8898	5.84989	37.4122	-0.010838
2.89521	81.7458	82.0193	891.013	941.051	5.88572	5.84812	37.2642	-0.014688
2.89621	82.0193	82.1561	891.013	940.095	5.88572	5.84844	37.3629	-0.013125
2.89721	81.6091	82.1561	891.242	940.641	5.89833	5.85156	37.2642	-0.01375
2.89821	81.1989	82.2828	890.785	940.641	5.88203	5.85168	36.8201	-0.013438
2.89921	81.1989	82.2928	890.1	939.958	5.8861	5.85469	36.9681	-0.012813
2.90021	81.8828	82.1561	888.957	939.549	5.89833	5.85219	36.9188	-0.013438
2.90121	81.6091	82.2828	888.957	939.549	5.74724	5.85219	36.9681	-0.013438
2.90221	81.4724	82.703	887.815	938.458	5.6881	5.84906	36.524	-0.010938
2.90321	81.3358	82.4295	886.901	938.458	5.6888	5.85094	36.5733	-0.011563
2.90421	81.7458	82.1561	885.646	938.048	5.83719	5.85219	36.4253	-0.013438
2.90521	81.3358	82.1561	884.389	938.048	5.86572	5.85187	36.7707	-0.01125
2.90621	81.7458	81.8828	883.475	936.88	5.82904	5.84781	36.4253	-0.014083
2.90721	81.6091	82.0193	882.104	937.09	5.83311	5.83887	36.8694	-0.014083
2.90821	81.4724	82.2828	881.419	937.363	5.65757	5.81344	36.2773	-0.014083
2.90921	81.3358	82.1561	880.734	935.178	5.62089	5.79156	36.4747	-0.012813
2.91021	81.8828	82.0193	880.734	935.988	5.61273	5.77719	36.5733	-0.012813
2.91121	81.8828	82.1561	879.249	934.906	5.58828	5.80125	36.524	-0.012813
2.91221	81.6091	82.2828	878.82	935.042	5.60051	5.85719	36.2773	-0.015313
2.91321	81.6091	81.7458	878.908	934.359	5.50676	5.83844	36.378	-0.012813
2.91421	81.4724	82.0193	878.336	935.178	5.47415	5.84344	36.4747	-0.01375
2.91521	81.6091	82.1561	877.878	933.539	5.468	5.83989	36.5733	-0.013438
2.91621	82.2828	82.0193	877.079	933.539	5.40893	5.83875	36.4747	-0.011563
2.91721	81.8828	81.8828	877.079	933.539	5.39263	5.83812	36.6227	-0.014083
2.91821	80.8255	82.4295	876.508	932.72	5.36002	5.83781	36.6227	-0.013438
2.91921	81.8828	81.7458	877.079	932.993	5.33984	5.83719	37.0688	-0.011563
2.92021	81.6091	82.1561	875.937	932.173	5.29073	5.83594	36.4747	-0.012813
2.92121	82.0193	81.8828	876.508	932.446	5.24589	5.83658	36.8201	-0.012188
2.92221	81.7458	81.8828	875.937	931.354	5.25812	5.83166	36.872	-0.013438
2.92321	81.6091	81.8828	876.165	930.871	5.24181	5.83469	36.6227	-0.013125
2.92421	81.7458	82.2828	876.165	931.081	5.18067	5.83969	36.4747	-0.012188
2.92521	82.1561	82.1561	876.165	929.715	5.15822	5.83969	36.4747	-0.012813
2.92621	81.7458	82.0193	876.165	930.125	5.12361	5.83781	36.4747	-0.012813
2.92721	81.7458	82.1561	875.251	929.305	5.08285	5.83781	36.2773	-0.014063
2.92821	81.6091	82.1561	876.165	928.622	5.07877	5.83969	36.1788	-0.013125
2.92921	81.3358	82.1561	875.251	928.349	5.08285	5.83969	36.2773	-0.013125
2.93021	81.8828	82.2828	875.251	927.393	5.03801	5.83969	36.0308	-0.01375
2.93121	81.6091	82.1561	874.794	926.983	5.03393	5.84281	36.7838	-0.014063
2.93221	81.6091	81.8828	874.909	926.437	4.96057	5.84489	35.9812	-0.0125
2.93321	82.0193	81.8828	873.652	925.891	4.97687	5.84281	36.8332	-0.012188
2.93421	81.3358	82.1561	873.424	928.027	4.99726	5.84594	35.6851	-0.013125
2.93521	81.7458	82.0193	872.738	925.344	4.93811	5.84469	36.5371	-0.014375
2.93621	81.6091	81.8828	872.053	926.754	4.93203	5.82406	35.4384	-0.012188
2.93721	81.6091	82.1561	870.797	929.978	4.98502	5.80219	35.5371	-0.012188
2.93821	81.6091	82.0193	869.769	923.432	4.98502	5.78219	35.2904	-0.012188
2.93921	81.3358	82.1561	868.855	921.383	4.92796	5.77469	34.9943	-0.014063

2.94021	81.8826	81.8826	868.627	921.793	4.97279	5.84969	35.4384	-0.013438
2.94121	81.3356	82.0193	867.713	921.247	4.9891	5.84312	35.7838	-0.013125
2.94221	81.7458	82.4295	867.484	920.974	4.98502	5.84594	35.241	-0.012813
2.94321	81.8091	81.7458	867.028	920.427	4.95241	5.845	34.8956	-0.012188
2.94421	81.0822	82.1561	865.2	919.808	5.00133	5.83989	35.093	-0.012813
2.94521	81.8091	81.8091	864.743	918.788	5.02578	5.84344	35.093	-0.012813
2.94621	81.4724	82.2928	863.715	918.852	4.96872	5.84156	35.241	-0.013125
2.94721	81.8826	82.0193	863.373	918.242	5.00948	5.83906	35.2904	-0.012813
2.94821	81.7458	81.8826	863.03	917.559	4.96872	5.83989	35.2904	-0.013438
2.94921	81.8091	82.2928	862.459	916.74	4.94428	5.83594	35.2904	-0.011875
2.95021	81.3356	81.3356	862.23	915.51	4.98464	5.83094	35.1817	-0.014888
2.95121	81.4724	81.8826	862.459	915.51	4.9198	5.83594	35.8332	-0.014063
2.95221	81.8091	82.0193	862.345	914.891	4.93611	5.83875	35.7345	-0.013125
2.95321	81.8091	82.1561	862.459	914.891	4.94834	5.83887	35.241	-0.012813
2.95421	80.9255	82.4295	862.459	913.062	4.89942	5.83781	35.3397	-0.012188
2.95521	81.3356	82.2928	862.459	913.325	4.92796	5.83469	35.241	-0.014063
2.95621	81.8091	82.1561	863.373	912.232	4.91165	5.83825	35.241	-0.013438
2.95721	81.3356	82.1561	863.829	911.959	4.89535	5.83719	35.093	-0.013438
2.95821	81.4724	81.7458	864.058	912.232	4.90758	5.83844	35.1817	-0.013125
2.95921	81.3356	82.1561	863.258	910.593	4.89535	5.84188	35.2904	-0.012188
2.96021	81.3356	81.3356	863.601	909.774	4.89942	5.84344	35.241	-0.012813
2.96121	81.3356	82.4295	862.116	907.882	4.89535	5.84219	34.3035	-0.013438
2.96221	81.3356	81.8826	861.888	908.271	4.87089	5.84844	34.8483	-0.015938
2.96321	81.3356	82.1561	861.774	907.882	4.93203	5.84719	35.2904	-0.013438
2.96421	81.8826	82.0193	861.088	906.769	4.86464	5.83094	34.6882	-0.014063
2.96521	81.7458	81.7458	860.174	906.223	4.82388	5.80906	34.6882	-0.012813
2.96621	81.3356	82.1561	859.946	905.13	4.9198	5.78889	34.4515	-0.012813
2.96721	81.8091	82.1561	858.804	903.764	4.9035	5.78084	34.3035	-0.01125
2.96821	81.8091	82.0193	857.547	904.584	4.91573	5.84908	34.3035	-0.01375
2.96921	82.0193	82.4295	857.205	902.808	4.87904	5.84937	34.2048	-0.012813
2.97021	81.8091	82.1561	856.52	902.398	4.87904	5.84825	34.1061	-0.011875
2.97121	81.0822	82.4295	856.291	900.078	4.8872	5.84437	34.1061	-0.01375
2.97221	81.3356	82.2928	854.235	900.078	4.80975	5.84344	33.8594	-0.015313
2.97321	81.3356	82.1561	854.692	899.803	4.80567	5.84344	33.8087	-0.013438
2.97421	81.8826	82.0193	854.464	898.438	4.80975	5.83989	34.1061	-0.014063
2.97521	81.8091	81.8091	853.207	897.481	4.75876	5.83906	33.9581	-0.013125
2.97621	81.0822	82.4295	852.865	896.525	4.76084	5.84281	33.81	-0.012813
2.97721	81.4724	81.8826	851.951	894.886	4.74881	5.83469	33.8594	-0.013125
2.97821	81.8826	81.8826	851.951	894.477	4.72416	5.83344	33.9581	-0.013125
2.97921	81.7458	81.8826	851.494	893.93	4.65894	5.83219	34.0074	-0.014888
2.98021	81.3356	82.1561	850.923	893.521	4.65486	5.83719	33.7607	-0.0125
2.98121	80.7888	82.2928	850.58	892.291	4.60187	5.83469	33.7607	-0.013438
2.98221	81.1989	82.0193	850.352	891.472	4.62226	5.83582	33.7114	-0.013438
2.98321	81.7458	82.0193	849.552	889.833	4.5122	5.83582	33.4153	-0.015313
2.98421	81.8826	81.8091	848.981	889.15	4.54481	5.83844	33.8127	-0.014888
2.98521	81.3356	82.2928	850.123	889.286	4.54481	5.84094	34.3035	-0.014063
2.98622	81.3356	82.1561	849.895	888.74	4.50405	5.84375	34.0568	-0.013438
2.98722	81.3356	82.1561	849.552	888.467	4.54888	5.84989	33.9087	-0.013125
2.98822	81.3356	82.1561	848.981	888.965	4.47959	5.84344	34.0074	-0.012813

2.98922	81.6091	82.0193	848.524	886.555	4.46736	5.84781	33.9087	-0.013125
2.99022	81.3356	82.1561	848.638	886.482	4.4266	5.85219	33.81	-0.0125
2.99122	81.4724	82.0193	848.524	884.918	4.4103	5.85156	33.7607	-0.01375
2.99222	81.3356	82.1561	847.839	884.779	4.40622	5.83469	34.0568	-0.014063
2.99322	81.8826	81.6091	847.382	881.636	4.40622	5.81344	33.81	-0.012188
2.99422	81.6091	81.8826	847.382	879.862	4.33265	5.79156	32.9712	-0.016583
2.99522	81.3356	81.8826	847.154	880.545	4.35731	5.78969	33.514	-0.01375
2.99622	81.3356	82.1561	846.825	879.179	4.34816	5.85594	33.6127	-0.013438
2.99722	81.6091	82.1561	846.488	878.38	4.32878	5.84906	33.2673	-0.01375
2.99822	81.8826	82.0193	846.555	877.95	4.31247	5.85156	33.4153	-0.012188
2.99922	81.6091	82.0193	845.555	877.54	4.29209	5.84781	33.2179	-0.014063
3.00022	81.1989	82.1561	844.984	876.721	4.27986	5.84844	33.1182	-0.013438
3.00122	81.6091	81.7458	844.889	875.901	4.25948	5.84469	32.9218	-0.014375
3.00222	81.3356	81.4724	843.727	875.355	4.2391	5.84469	32.8726	-0.012813
3.00322	81.6091	82.1561	842.685	873.989	4.21057	5.84094	32.8218	-0.012813
3.00422	81.6091	82.1561	842.128	873.443	4.1372	5.83989	32.8725	-0.014375
3.00522	81.0622	82.4296	842.357	871.604	3.99881	5.83989	32.7245	-0.010313
3.00622	81.3356	82.1561	840.415	871.121	4.03938	5.83969	32.6258	-0.014375
3.00722	81.3356	82.4296	839.158	870.165	4.019	5.83719	33.0205	-0.013438
3.00822	81.7458	81.8826	839.044	869.619	3.98639	5.83719	32.7245	-0.014063
3.00922	81.8826	81.8826	838.245	868.936	3.96601	5.84437	32.6751	-0.012813
3.01022	81.4724	81.6091	837.788	867.706	3.9487	5.84219	32.4777	-0.013125
3.01122	81.4724	82.0193	836.874	867.433	3.9334	5.83989	32.4284	-0.012813
3.01222	80.7888	82.2928	836.76	866.76	3.90894	5.84219	32.6258	-0.013125
3.01322	81.3356	82.1561	836.646	865.931	3.84372	5.84469	32.4284	-0.013438
3.01422	81.8826	81.8826	836.189	865.204	3.7622	5.84437	32.7245	-0.012188
3.01522	81.1989	81.8826	836.303	863.336	3.81112	5.84469	32.7245	-0.012813
3.01622	80.7888	82.4296	836.189	862.38	3.75405	5.84469	32.9218	-0.012813
3.01722	81.4724	81.8826	835.732	862.38	3.77038	5.84875	33.0205	-0.015313
3.01822	81.4724	81.3356	835.846	862.38	3.76628	5.84906	33.3166	-0.014063
3.01922	81.0622	82.2928	835.047	861.424	3.73775	5.84344	32.9218	-0.014063
3.02022	81.3356	81.8826	834.818	860.804	3.7469	5.82126	33.3166	-0.014063
3.02122	81.3356	82.4296	834.475	860.331	3.71329	5.79781	33.0699	-0.011663
3.02222	80.7888	82.2928	834.475	859.375	3.72552	5.77719	33.0205	-0.012813
3.02322	81.7458	81.7458	834.133	858.965	3.70514	5.78625	33.3166	-0.011563
3.02422	81.8826	82.1561	833.219	858.009	3.64807	5.85069	33.2179	-0.011875
3.02522	81.6091	82.1561	832.991	856.507	3.67661	5.84437	33.4163	-0.012813
3.02622	81.4724	81.8826	832.534	856.507	3.70514	5.84844	33.3166	-0.012188
3.02722	81.0622	82.2928	833.676	855.687	3.70106	5.84594	33.3166	-0.010313
3.02822	82.1561	82.1561	831.392	854.596	3.66438	5.84625	32.9712	-0.014375
3.02922	81.3356	82.5683	831.848	853.229	3.68068	5.84469	33.2179	-0.012813
3.03022	81.4724	82.1561	830.935	852.682	3.67263	5.84594	33.0699	-0.013125
3.03122	81.7458	81.7458	830.935	852	3.61547	5.84531	32.9712	-0.012188
3.03222	81.7458	82.0193	829.783	851.18	3.62769	5.84219	32.9218	-0.013438
3.03322	81.3356	82.4296	829.564	851.043	3.64807	5.84219	32.9218	-0.014688
3.03422	81.8826	81.7458	829.107	849.131	3.62769	5.84188	32.5271	-0.014063
3.03522	81.6091	81.8826	828.536	848.858	3.62362	5.83938	32.7245	-0.012188
3.03622	81.4724	82.0193	827.622	848.131	3.59101	5.84126	32.6258	-0.013125
3.03722	81.4724	82.2928	827.394	847.083	3.58286	5.84344	32.5271	-0.013438

3.03822	81.3356	82.703	827.737	846.673	3.58286	5.84188	32.5764	-0.011875
3.03922	81.8828	81.8828	825.795	845.307	3.55025	5.84219	32.1323	-0.015313
3.04022	81.6091	82.1561	825.681	845.034	3.54617	5.84188	32.7245	-0.01375
3.04122	81.7458	81.7458	825.338	844.488	3.55025	5.84344	32.4284	-0.012188
3.04222	81.3356	82.1561	824.853	843.605	3.51356	5.84594	32.4777	-0.013125
3.04322	81.3356	82.0193	824.31	842.985	3.4728	5.84781	32.5764	-0.012813
3.04422	81.6091	81.8828	823.967	842.439	3.46873	5.84969	32.5271	-0.012813
3.04522	81.4724	82.1561	823.739	841.819	3.43612	5.84844	32.6258	-0.014688
3.04622	81.7458	81.7458	823.398	841.758	3.38721	5.85219	32.8725	-0.012813
3.04722	81.8828	81.6091	822.254	840.936	3.38313	5.84437	32.8725	-0.014063
3.04822	82.1561	82.0193	822.14	840.117	3.34645	5.81969	32.9712	-0.012813
3.04922	81.8828	82.0193	823.188	839.024	3.31384	5.79969	32.9218	-0.010313
3.05022	81.7458	82.2928	821.589	838.888	3.31384	5.78312	33.1192	-0.014063
3.05122	81.0622	82.703	820.769	837.795	3.30976	5.80969	33.1192	-0.013438
3.05222	81.7458	81.8828	820.998	837.932	3.29346	5.86856	33.0699	-0.012188
3.05322	82.0193	82.0193	820.319	837.249	3.28123	5.85094	33.0699	-0.014063
3.05422	81.6091	82.1561	821.34	837.932	3.269	5.85719	33.1192	-0.013438
3.05522	81.7458	82.1561	820.884	836.293	3.22824	5.85094	32.9218	-0.012188
3.05622	81.7458	82.0193	820.084	836.566	3.24862	5.85094	33.0205	-0.012813
3.05722	81.3356	82.1561	820.427	835.473	3.22416	5.84908	32.9712	-0.012813
3.05822	81.4724	82.4295	820.769	835.61	3.20378	5.84719	33.3166	-0.01375
3.05922	81.8828	82.1561	820.427	833.971	3.17117	5.84469	33.2673	-0.013125
3.06022	81.4724	81.8828	821.34	834.654	3.1671	5.84469	33.2179	-0.012813
3.06122	81.6091	82.4295	819.284	833.288	3.14264	5.83969	33.1192	-0.015625
3.06222	81.6091	82.4295	819.17	832.678	3.15079	5.83844	33.062	-0.01375
3.06322	81.3356	82.5663	818.599	832.741	3.14264	5.84158	33.2179	-0.013125
3.06422	81.3356	82.1561	818.589	831.922	3.15895	5.84469	32.9712	-0.012188
3.06522	81.7458	81.8828	818.142	831.649	3.12634	5.84344	33.0205	-0.01375
3.06622	81.6091	82.1561	817.571	831.376	3.11411	5.84408	32.6258	-0.011875
3.06722	81.8828	81.8828	817.457	830.283	3.10188	5.84312	32.7245	-0.013125
3.06822	81.3356	82.2928	816.772	830.01	3.08112	5.84375	32.4284	-0.014063
3.06922	81.3356	82.0193	816.429	829.873	3.06112	5.84408	32.5271	-0.012813
3.07022	81.7458	82.1561	815.63	828.917	3.05297	5.84844	32.3297	-0.013438
3.07122	82.1561	82.4295	815.63	828.098	3.04482	5.85281	32.3297	-0.010938
3.07222	82.2928	82.4295	814.487	827.551	3.02444	5.85125	32.231	-0.014063
3.07322	81.3356	82.4295	813.802	827.278	2.9958	5.85469	32.6258	-0.011875
3.07422	81.6091	81.8828	813.117	826.459	2.98368	5.85469	32.1817	-0.014063
3.07522	81.6091	81.6091	813.346	826.459	2.9796	5.84469	32.3297	-0.0125
3.07622	81.0622	82.2928	812.089	825.503	2.95107	5.82094	32.231	-0.012813
3.07722	81.6091	82.1561	811.746	824.82	2.91438	5.79969	32.1817	-0.013438
3.07822	81.8828	81.8828	811.518	824.547	2.91438	5.78219	32.2804	-0.012813
3.07922	81.3356	82.1561	811.061	824	2.83286	5.84281	32.1323	-0.014063
3.08022	81.7458	82.2928	810.947	824.41	2.84609	5.85969	32.231	-0.014063
3.08122	81.6091	82.1561	811.289	823.727	2.82063	5.85281	32.3297	-0.010938
3.08222	81.4724	82.5663	811.518	823.181	2.80841	5.85094	32.6258	-0.010313
3.08322	81.3356	82.1561	810.832	822.088	2.77987	5.84937	32.3297	-0.013438
3.08422	81.6091	82.2928	810.604	821.542	2.76357	5.85063	32.5271	-0.012813
3.08522	81.4724	82.1561	811.176	822.498	2.76542	5.84844	32.6258	-0.011563
3.08622	81.6091	82.1561	811.061	822.498	2.73504	5.84687	32.1817	-0.014063

3.08722	81.7458	81.7458	810.804	822.088	2.71466	5.84969	32.4284	-0.014063
3.08822	81.6091	82.1561	810.261	821.542	2.70243	5.84469	32.3297	-0.013125
3.08922	81.7458	81.8826	810.147	820.995	2.65352	5.84158	32.5784	-0.012813
3.09022	81.7458	82.1561	809.348	820.176	2.61276	5.84219	32.6258	-0.012813
3.09122	80.7888	82.2928	809.233	820.995	2.62498	5.84469	32.7245	-0.012188
3.09222	81.8826	82.0193	809.005	819.83	2.6048	5.84437	32.5764	-0.013438
3.09322	81.3356	82.1561	809.119	819.83	2.59045	5.84469	32.231	-0.012188
3.09422	81.6091	82.1561	809.005	817.854	2.58422	5.84719	32.5764	-0.014375
3.09522	81.7458	81.6091	808.776	817.717	2.55569	5.84719	32.4284	-0.013125
3.09622	81.4724	81.8826	808.434	817.444	2.65181	5.84969	32.4284	-0.013125
3.09722	81.3356	81.8826	807.834	817.581	2.62308	5.85408	32.3297	-0.01375
3.09822	81.6091	82.4295	807.406	816.488	2.49862	5.85531	32.231	-0.012188
3.09922	81.8826	81.6091	807.406	815.805	2.47417	5.85219	32.1323	-0.013125
3.10022	81.7458	82.4295	806.949	815.889	2.49862	5.85594	32.231	-0.012188
3.10122	81.7458	82.0193	806.606	814.986	2.45786	5.85719	31.8858	-0.014063
3.10222	81.6091	81.8826	805.807	815.396	2.40896	5.85219	31.9349	-0.014888
3.10322	81.1969	82.4295	805.35	813.483	2.38042	5.83437	31.7376	-0.012813
3.10422	81.8826	81.8826	806.492	814.166	2.38867	5.81594	31.6882	-0.010313
3.10522	81.7458	81.8826	805.807	812.664	2.36819	5.79812	31.5895	-0.014375
3.10622	80.7888	82.4295	805.122	812.527	2.33568	5.81158	31.4908	-0.011663
3.10722	81.8826	82.2928	804.685	812.684	2.32743	5.87126	31.7376	-0.013125
3.10822	82.0193	82.1561	804.779	811.708	2.27444	5.86887	31.5402	-0.013438
3.10922	81.7458	82.4295	804.893	811.286	2.27852	5.86188	31.6389	-0.014888
3.11022	82.1561	82.4295	804.436	811.435	2.26221	5.85856	31.6389	-0.014375
3.11122	81.7458	82.2928	804.685	810.205	2.27852	5.85856	31.5895	-0.013438
3.11222	82.0193	82.2928	804.436	810.205	2.20515	5.85344	31.6389	-0.013125
3.11322	81.8826	82.1561	803.979	811.025	2.19292	5.85469	31.5895	-0.012813
3.11422	81.6091	81.7458	803.637	808.703	2.14808	5.85469	31.5402	-0.013438
3.11522	81.6091	82.4295	803.408	808.976	2.14808	5.85594	31.4415	-0.012813
3.11622	81.8826	81.8826	803.294	808.84	2.11548	5.85094	31.4908	-0.013438
3.11722	81.6091	81.8826	803.637	808.43	2.12363	5.84969	31.8363	-0.012188
3.11822	81.3356	82.1561	802.837	807.883	2.11548	5.84969	31.6389	-0.01375
3.11922	81.6091	81.7458	802.837	806.157	2.09917	5.85094	31.6389	-0.013125
3.12022	81.7458	81.8826	802.152	807.747	2.06249	5.85582	31.6882	-0.012188
3.12122	82.0193	81.8826	801.923	807.337	2.07471	5.85187	31.6882	-0.012188
3.12222	81.8826	82.4295	801.467	806.518	2.05841	5.85094	31.7376	-0.012813
3.12322	81.6091	82.0193	801.01	805.898	2.00135	5.85219	31.6389	-0.014063
3.12422	81.8826	81.8826	801.01	807.337	2.01765	5.85437	31.7869	-0.012188
3.12523	81.6091	82.0193	801.01	804.808	2.00135	5.85437	31.8363	-0.012813
3.12623	81.3356	82.703	801.124	804.808	2.00135	5.85887	31.7376	-0.012813
3.12723	81.6091	81.6091	801.238	804.879	2.0095	5.85969	31.3922	-0.014375
3.12823	81.4724	82.0193	800.781	803.376	2.00135	5.86219	31.3922	-0.012813
3.12923	81.8826	81.8826	800.324	804.069	1.98097	5.86887	31.4908	-0.012813
3.13023	81.6091	82.1561	799.982	803.24	1.96874	5.83844	31.2441	-0.01375
3.13123	81.3356	82.0193	800.781	802.264	1.96874	5.81719	31.3428	-0.012813
3.13223	81.3356	82.2928	800.687	801.464	1.98097	5.79469	31.1454	-0.013125
3.13323	81.8826	82.0193	800.21	801.328	1.99319	5.79469	31.2441	-0.012813
3.13423	81.6091	82.0193	800.324	801.737	1.94428	5.86969	31.0961	-0.012188
3.13523	81.6091	81.8826	800.096	800.761	1.9402	5.85938	30.8	-0.012813

3.13623	81.8828	81.8828	800.096	800.372	1.93613	5.86219	30.8987	-0.012813
3.13723	81.6091	81.8828	799.182	799.689	1.91187	5.86281	30.7507	-0.011563
3.13823	81.6091	82.1561	799.182	799.142	1.91187	5.86094	30.5533	-0.011563
3.13923	81.7458	82.0193	799.182	798.459	1.88722	5.85969	30.7507	-0.0125
3.14023	80.9255	82.1561	798.954	798.05	1.87091	5.85844	30.5533	-0.01375
3.14123	82.1561	81.7458	798.154	798.05	1.86276	5.85844	30.652	-0.013438
3.14223	81.7458	81.8828	798.954	797.503	1.85481	5.85719	30.6026	-0.013438
3.14323	81.6091	82.2928	797.828	798.957	1.8383	5.85344	30.652	-0.013438
3.14423	81.6091	82.0193	798.04	797.387	1.83015	5.85313	30.6026	-0.012813
3.14523	81.3356	81.6091	797.812	796.684	1.79754	5.85187	30.7013	-0.012813
3.14623	81.6091	81.8828	798.383	797.503	1.78939	5.85719	30.8481	-0.012813
3.14723	81.0622	82.4295	797.355	795.728	1.77309	5.85719	30.7013	-0.013125
3.14823	81.6091	81.8828	796.213	795.318	1.75678	5.85656	30.7507	-0.010625
3.14923	80.7888	82.4295	797.355	794.772	1.74048	5.85344	30.652	-0.012813
3.15023	81.3356	81.8828	796.441	794.772	1.7201	5.85531	30.9481	-0.013438
3.15123	81.6091	81.4724	797.355	794.225	1.72825	5.85719	30.8987	-0.015313
3.15223	81.4724	81.3356	797.126	794.225	1.70379	5.85969	30.7507	-0.012813
3.15323	81.3356	82.2928	796.555	793.879	1.68341	5.86406	30.7013	-0.013125
3.15423	81.6091	81.8828	796.327	793.133	1.66711	5.86344	30.652	-0.01125
3.15523	81.6091	82.2928	796.555	792.586	1.69158	5.86406	30.8494	-0.012813
3.15623	81.4724	82.1561	796.689	792.45	1.62635	5.86406	30.652	-0.013438
3.15723	81.6091	82.1561	796.689	791.484	1.64673	5.85281	30.4546	-0.014688
3.15823	81.3356	81.8828	796.327	790.947	1.62227	5.82719	30.5039	-0.013125
3.15923	80.9255	82.2928	796.689	790.401	1.61004	5.80719	30.5039	-0.015625
3.16023	81.3356	82.1561	795.07	789.172	1.58113	5.79344	29.9612	-0.0175
3.16123	81.6091	82.2928	795.841	788.782	1.59374	5.8575	30.3068	-0.013438
3.16223	81.3356	82.2928	795.756	789.718	1.59374	5.86969	30.3068	-0.014063
3.16323	81.3356	81.8828	795.185	789.172	1.55298	5.86469	30.0105	-0.012813
3.16423	81.6091	82.1561	794.842	788.352	1.55298	5.86958	30.1585	-0.012188
3.16523	81.6091	81.8828	794.385	787.396	1.50407	5.86094	30.1585	-0.0125
3.16623	81.3356	82.2928	794.613	786.577	1.52445	5.86281	29.8825	-0.014375
3.16723	81.4724	82.0193	794.157	786.167	1.51629	5.86094	29.8825	-0.014688
3.16823	81.7458	82.1561	794.728	787.533	1.47981	5.85969	29.8825	-0.011563
3.16923	81.0622	82.4295	793.928	785.484	1.45516	5.85594	29.8825	-0.012813
3.17023	81.6091	81.7458	794.385	785.894	1.45515	5.85625	29.7638	-0.011563
3.17123	81.4724	82.1561	794.271	784.118	1.37771	5.85489	29.5864	-0.013438
3.17223	81.7458	82.2928	793.928	785.347	1.42254	5.85594	29.7144	-0.014063
3.17323	81.3356	81.8828	794.271	784.118	1.40624	5.85906	30.1685	-0.013125
3.17423	81.6091	82.1561	794.271	783.982	1.39809	5.85844	29.5171	-0.013438
3.17523	81.3356	81.8828	793.357	782.889	1.3614	5.85594	29.7144	-0.013125
3.17623	81.1969	82.4295	793.471	782.479	1.32472	5.85594	29.5864	-0.014063
3.17723	82.1561	81.8828	793.014	782.479	1.3614	5.85844	29.7638	-0.011875
3.17823	81.7458	81.8828	793.014	782.752	1.31857	5.85812	29.4677	-0.010625
3.17923	81.0622	82.4295	793.471	781.796	1.27681	5.85969	29.4677	-0.014688
3.18023	81.3356	82.4295	793.014	781.86	1.23505	5.86437	29.6851	-0.014063
3.18123	81.7458	82.1561	793.014	780.567	1.23087	5.86375	29.4677	-0.013125
3.18223	81.8828	82.0193	791.644	778.792	1.18575	5.85812	29.073	-0.016563
3.18323	81.6091	82.4295	792.558	779.338	1.20244	5.86344	29.5864	-0.012813
3.18423	81.3356	82.1561	792.9	779.201	1.20244	5.85594	29.7638	-0.014688

3.18623	81.3358	81.8826	792.558	778.474	1.20244	5.82989	29.5684	-0.012813
3.18623	81.8826	82.4295	792.558	778.855	1.17798	5.81912	29.7638	-0.011875
3.18723	82.0193	82.2928	792.9	778.518	1.16188	6.79094	29.7144	-0.010825
3.18823	81.7458	82.1561	793.014	777.899	1.13722	6.82188	29.5884	-0.01125
3.18923	81.8826	82.1561	792.558	777.562	1.12907	6.88989	29.3197	-0.015313
3.19023	81.7458	81.8826	792.101	778.382	1.10054	6.85658	29.2703	-0.013438
3.19123	81.8826	81.8826	792.101	776.47	1.10461	5.85781	29.5171	-0.012813
3.19223	81.6091	81.8826	791.758	775.85	1.08831	5.85531	29.1718	-0.012188
3.19323	81.7458	81.8826	791.415	774.284	1.03632	5.85437	29.073	-0.015313
3.19423	81.7458	82.2928	790.73	775.104	1.02717	6.85469	29.389	-0.015313
3.19523	81.7458	82.0193	791.53	774.831	1.06385	6.85469	29.6651	-0.013438
3.19623	82.0193	82.0193	791.415	774.557	1.03124	6.85469	29.073	-0.01375
3.19723	81.4724	82.1561	790.73	774.011	1.01086	5.85344	29.1718	-0.013438
3.19823	81.3358	82.4295	791.187	773.328	0.988407	5.84875	29.389	-0.013125
3.19923	81.3358	82.1561	790.73	773.485	0.98233	5.84989	29.221	-0.014063
3.20023	81.7458	81.8826	791.073	773.055	0.953798	5.85281	29.221	-0.014063
3.20123	81.7458	81.8826	791.187	772.099	0.917113	5.85094	29.1718	-0.013438
3.20223	81.7458	82.1561	790.958	772.645	0.917113	5.84937	29.1718	-0.012813
3.20323	81.3358	82.1561	791.187	770.46	0.904885	5.85281	28.8756	-0.013125
3.20423	82.0193	82.1561	790.159	769.094	0.835582	5.85281	28.7769	-0.014375
3.20523	81.4724	82.2928	790.844	771.143	0.884505	5.85531	29.1718	-0.013125
3.20623	81.7458	81.6091	790.844	769.914	0.851897	5.85469	29.5171	-0.012813
3.20723	81.6091	82.1561	790.273	770.05	0.843744	5.85719	29.1223	-0.01375
3.20823	81.6091	82.1561	791.187	769.914	0.831516	5.85938	29.221	-0.012813
3.20923	81.6091	82.2928	790.502	769.841	0.802984	5.85989	29.1718	-0.013125
3.21023	81.3358	82.1561	790.502	769.094	0.770375	5.86312	29.1718	-0.012813
3.21123	81.4724	81.8826	790.273	768.684	0.762223	5.85812	28.9743	-0.013438
3.21223	81.4724	82.1561	789.702	768.411	0.721463	5.83812	29.4677	-0.012813
3.21323	81.6091	81.3358	790.73	768.411	0.71331	5.82084	29.0238	-0.01375
3.21423	81.1989	82.703	789.816	768.636	0.705158	5.80219	29.2703	-0.012813
3.21523	81.3358	82.5863	789.359	768.089	0.644017	5.79489	28.8249	-0.015
3.21623	81.0622	82.2928	789.131	768.636	0.666246	5.86781	29.3197	-0.015313
3.21723	81.1989	82.0193	789.359	768.499	0.648094	5.86312	29.6625	-0.014688
3.21823	81.7458	82.2928	789.131	768.953	0.623837	5.86219	29.389	-0.012813
3.21923	81.8826	82.4295	789.246	768.408	0.615485	5.86469	29.4677	-0.013438
3.22023	81.7458	81.8826	789.359	768.816	0.582877	5.86437	29.3197	-0.012813
3.22123	81.0622	82.1561	789.359	764.45	0.607333	5.85938	29.5884	-0.012188
3.22223	81.6091	82.0193	790.045	764.587	0.560268	5.85625	29.3197	-0.012188
3.22323	81.3358	82.1561	789.131	764.45	0.529888	5.85687	29.389	-0.016838
3.22423	81.7458	81.8826	788.217	765.27	0.501355	5.85344	29.5171	-0.013438
3.22523	81.1989	82.0193	789.359	763.358	0.485051	5.84989	29.4677	-0.013125
3.22623	81.6091	82.1561	788.903	762.611	0.444291	5.85219	29.5171	-0.012813
3.22723	81.3358	82.1561	787.989	762.265	0.480595	5.85406	29.221	-0.014375
3.22823	81.3358	82.1561	789.131	762.126	0.440214	5.85406	29.5884	-0.013438
3.22923	81.3358	81.8826	788.448	762.265	0.436138	5.8525	29.3197	-0.012813
3.23023	81.8826	81.8826	788.331	761.855	0.411882	5.85584	29.4677	-0.012188
3.23123	81.6091	82.1561	788.331	760.899	0.387226	5.85313	29.5884	-0.011563
3.23223	82.0193	82.4295	788.903	761.172	0.395378	5.85469	29.2703	-0.015825
3.23323	81.1989	82.1561	788.903	760.763	0.362769	5.85781	29.4184	-0.014063

3.23423	81.3356	82.703	788.903	760.08	0.338313	5.85875	29.369	-0.01375
3.23523	81.3356	82.4295	788.446	760.899	0.338313	5.85889	29.4184	-0.012813
3.23623	81.3356	82.1561	788.103	758.577	0.285324	5.86094	29.5884	-0.010838
3.23723	81.3356	81.8826	788.331	758.168	0.264944	5.86375	29.369	-0.011875
3.23823	81.0622	82.703	787.532	758.168	0.256792	5.86094	29.4184	-0.013438
3.23923	81.3356	82.703	787.876	758.441	0.273098	5.84719	29.9612	-0.013438
3.24023	81.3356	82.2928	787.989	757.894	0.236411	5.82437	29.5171	-0.012813
3.24123	81.1989	82.1561	788.103	758.031	0.220107	5.80489	29.7144	-0.013438
3.24223	81.3356	82.1561	787.532	757.894	0.191575	5.78594	29.4877	-0.012813
3.24323	81.3356	82.2928	787.416	758.168	0.232335	5.84594	29.7638	-0.012188
3.24423	81.3356	81.8826	787.989	756.938	0.158986	5.87187	29.7144	-0.012813
3.24523	80.7888	82.703	787.875	756.802	0.15489	5.86188	29.7638	-0.013125
3.24623	81.4724	82.1561	787.532	756.938	0.158986	5.86781	29.7638	-0.013125
3.24723	81.7458	81.8826	788.103	756.982	0.138586	5.86594	29.7144	-0.014375
3.24823	82.0193	82.4295	788.217	756.299	0.110064	5.86631	29.7638	-0.010838
3.24923	81.4724	82.4295	786.618	755.436	0.093749	5.86219	29.9118	-0.014375
3.25023	81.8826	82.2928	786.647	754.616	0.073369	5.85969	30.3068	-0.0125
3.25123	81.3356	82.2928	787.304	755.299	0.073369	5.85938	29.9612	-0.013438
3.25223	81.6091	81.8826	787.189	754.343	0.036685	5.85719	30.0105	-0.01375
3.25323	81.6091	82.0193	787.304	754.207	0.036685	5.86062	29.8625	-0.012188
3.25423	81.3356	82.0193	787.304	754.616	0.032609	5.85531	29.8625	-0.012188
3.25523	81.3356	81.4724	787.075	753.251	-0.004076	5.85825	30.1585	-0.010838
3.25623	81.6091	82.2928	787.075	753.524	0.02038	5.85906	29.7638	-0.014688
3.25723	80.7888	82.2928	786.618	753.524	-0.004076	5.85594	29.5884	-0.012813
3.25823	80.7888	82.0193	786.618	752.158	-0.004076	5.85687	29.9612	-0.014688
3.25923	81.3356	82.0193	787.76	752.598	-0.004076	5.85781	30.0598	-0.01125
3.26023	81.7458	81.7458	786.618	751.612	-0.008152	5.85969	29.5171	-0.013438
3.26123	81.3356	82.1561	786.39	751.202	-0.004076	5.86219	30.1092	-0.012188
3.26223	81.7458	82.0193	786.618	751.612	-0.024456	5.86531	29.7638	-0.013438
3.26323	81.1989	82.2928	785.704	750.929	-0.012228	5.86781	30.1585	-0.014375
3.26423	81.8826	82.2928	786.39	751.612	-0.004076	5.86781	30.1092	-0.013438
3.26523	81.3356	82.4295	786.39	750.382	-0.012228	5.86781	29.9118	-0.013438
3.26623	81.3356	82.1561	785.476	750.929	-0.004076	5.85875	29.8625	-0.014063
3.26723	81.6091	82.1561	786.161	750.382	-0.044837	5.83469	29.9612	-0.013438
3.26823	81.3356	81.8826	786.161	751.339	-0.02038	5.81344	30.0105	-0.014063
3.26923	81.6091	82.0193	785.704	749.836	-0.024456	5.79719	29.9612	-0.011563
3.27023	81.6091	82.2928	786.604	749.426	-0.012228	5.84687	30.0105	-0.010313
3.27123	81.6091	81.8826	786.248	749.426	-0.02038	5.87781	29.6851	-0.012813
3.27223	81.8826	81.8826	785.476	749.29	-0.024456	5.86989	30.3068	-0.012188
3.27323	81.6091	81.8826	786.133	749.017	-0.036685	5.87281	30.1092	-0.013125
3.27423	82.0193	82.0193	785.704	749.29	-0.032609	5.86812	29.7638	-0.013125
3.27523	81.7458	81.8826	785.248	748.68	-0.028532	5.86969	30.3559	-0.0125
3.27623	81.3356	82.703	785.476	749.426	-0.02038	5.86719	30.0105	-0.013438
3.27723	80.7888	81.8826	784.582	748.334	-0.012228	5.86469	30.3068	-0.014063
3.27823	81.6091	81.8826	784.791	748.743	-0.004076	5.86094	30.1585	-0.013438
3.27923	81.6091	82.1561	784.677	750.246	0.024456	5.86094	29.8625	-0.012813
3.28023	81.6091	81.3356	785.248	748.061	-0.004076	5.85969	30.0598	-0.0125
3.28123	81.4724	81.6091	784.791	748.061	-0.004076	5.85844	30.0598	-0.010625
3.28223	81.7458	82.1561	784.105	746.968	-0.004076	5.85875	30.0598	-0.014063

3.28324	81.4724	82.0193	783.634	747.651	-0.02038	5.85125	30.5533	-0.011875
3.28424	81.3356	82.1561	784.105	747.241	-0.004076	5.85844	29.8612	-0.012813
3.28524	81.6091	81.8826	783.877	747.241	-0.004076	5.86344	29.8118	-0.013125
3.28624	80.7888	82.703	783.877	747.104	-0.008152	5.86489	30.0598	-0.011875
3.28724	81.4724	81.8826	783.783	747.241	-0.004076	5.86489	30.0105	-0.011563
3.28824	81.7458	81.8826	783.783	747.241	0.036685	5.86719	29.9812	-0.013438
3.28924	81.6091	82.0193	783.634	746.285	-0.02038	5.86844	30.4063	-0.012813
3.29024	81.3356	82.2928	783.306	746.968	-0.004076	5.87156	29.9812	-0.012813
3.29124	81.8826	82.4295	783.877	746.148	-0.016304	5.87313	30.1585	-0.014063
3.29224	81.3356	82.1561	783.877	746.602	-0.012228	5.87406	29.9118	-0.009063
3.29324	81.3356	82.1561	782.506	746.182	-0.012228	5.86344	29.8118	-0.014063
3.29424	81.3356	82.4295	782.506	745.739	-0.004076	5.84094	30.3086	-0.012813
3.29524	81.3356	81.8826	782.049	745.602	-0.004076	5.82156	29.8812	-0.013438
3.29624	81.7458	82.4295	782.735	745.739	-0.004076	5.80656	29.8625	-0.011875
3.29724	80.7888	82.1561	782.506	744.919	-0.004076	5.86312	29.9812	-0.012813
3.29824	81.1889	82.1561	782.049	745.056	-0.008152	5.87812	30.1585	-0.01375
3.29924	81.3356	81.8826	781.593	745.875	0.028532	5.87437	29.8118	-0.013125
3.30024	81.3356	81.8826	782.049	743.963	-0.024456	5.87469	29.8612	-0.012813
3.30124	81.3356	82.1561	781.935	745.739	-0.004076	5.87344	29.7638	-0.012813
3.30224	81.3356	82.1561	781.136	743.963	-0.012228	5.87187	29.8625	-0.011875
3.30324	81.3356	82.4295	781.593	744.373	-0.008152	5.86906	29.8625	-0.010625
3.30424	81.6091	82.1561	781.821	743.963	-0.004076	5.86812	29.5684	-0.013438
3.30524	81.6091	82.0193	780.679	743.417	-0.016304	5.86844	30.2078	-0.012188
3.30624	81.3356	82.0193	780.907	742.87	-0.004076	5.86719	29.6651	-0.012813
3.30724	81.3356	82.1561	780.45	743.28	-0.004076	5.86489	29.8625	-0.014688
3.30824	81.6091	81.7458	780.45	743.69	0.024456	5.86489	29.8131	-0.013125
3.30924	81.3356	82.1561	780.222	743.144	-0.008152	5.86687	29.6157	-0.015313
3.31024	81.6091	82.2928	780.222	742.87	0.036685	5.86594	29.5684	-0.013438
3.31124	81.6091	82.1561	779.422	742.87	-0.008152	5.86719	29.7144	-0.0125
3.31224	81.8826	82.4295	779.785	742.87	-0.004076	5.86875	29.5684	-0.014063
3.31324	81.3356	82.0193	779.194	741.368	-0.004076	5.86908	29.3197	-0.012813
3.31424	81.3356	81.8826	780.108	741.778	-0.004076	5.87094	29.5684	-0.010313
3.31524	81.3356	82.0193	778.651	742.188	-0.004076	5.87281	29.4677	-0.014063
3.31624	81.3356	82.1561	778.651	742.051	-0.004076	5.87344	29.5684	-0.012813
3.31724	81.3356	82.2928	778.737	741.641	-0.004076	5.87437	29.6651	-0.012813
3.31824	81.3356	81.6091	778.851	741.231	-0.004076	5.87989	29.369	-0.014063
3.31924	81.1889	82.1561	778.623	741.368	-0.004076	5.87719	29.4677	-0.010938
3.32024	81.6091	82.2928	778.395	740.685	-0.008152	5.85906	29.5171	-0.011563
3.32124	81.3356	82.0193	778.052	740.685	-0.004076	5.83812	29.5171	-0.0125
3.32224	81.3356	81.8826	777.481	741.095	-0.008152	5.81938	29.4184	-0.012813
3.32324	81.3356	82.2928	777.481	741.505	-0.004076	5.80562	29.1716	-0.013125
3.32424	81.0622	82.1561	777.481	739.592	-0.02038	5.86937	29.4677	-0.0125
3.32524	82.1561	82.4295	777.024	739.592	-0.008152	5.86156	29.4184	-0.012813
3.32624	81.3356	82.1561	777.024	739.163	-0.004076	5.87406	29.1716	-0.011563
3.32724	81.0622	82.1561	776.339	739.456	-0.004076	5.87719	29.5684	-0.014063
3.32824	81.3356	82.1561	776.553	738.383	-0.004076	5.87489	29.221	-0.014063
3.32924	81.6091	81.8826	775.553	739.046	-0.004076	5.87666	29.0236	-0.012188
3.33024	81.7458	81.8826	775.425	739.046	-0.004076	5.87344	29.2703	-0.013438
3.33124	81.3356	82.1561	774.74	737.617	-0.004076	5.87219	29.0236	-0.014063

3.33224	81.3358	82.1581	774.511	737.817	0.044837	5.86969	29.1716	-0.013438
3.33324	81.4724	82.1581	774.283	738.5	-0.004076	5.87156	29.1716	-0.012813
3.33424	80.8521	82.703	773.828	739.046	-0.02038	5.87156	29.221	-0.013438
3.33524	81.3358	81.8828	773.712	737.407	0.02038	5.87219	28.7769	-0.013125
3.33624	81.3358	82.0193	773.826	736.724	-0.004076	5.86969	29.1223	-0.008125
3.33724	81.3358	81.7458	772.227	736.178	-0.004076	5.87094	28.7769	-0.011563
3.33824	81.1989	81.8828	771.998	736.451	-0.004076	5.87344	29.1223	-0.013125
3.33924	81.3358	82.0193	770.399	736.041	0.02038	5.87408	29.1716	-0.013438
3.34024	81.3358	82.2928	769.486	735.495	-0.004076	5.87063	28.7769	-0.011563
3.34124	80.9255	81.8828	768.572	735.495	-0.004076	5.87694	28.9743	-0.013438
3.34224	81.3358	82.1581	767.772	734.949	-0.004076	5.87887	28.6795	-0.011875
3.34324	81.3358	81.8828	766.973	735.222	0.036685	5.87658	28.7769	-0.012813
3.34424	81.1989	82.1581	766.059	733.993	-0.004076	5.87812	28.5302	-0.015313
3.34524	81.3358	81.6091	766.059	734.949	-0.004076	5.87969	28.6782	-0.01375
3.34624	81.3358	81.8828	764.917	733.583	-0.008152	5.87631	28.7769	-0.013438
3.34724	81.7458	82.1581	764.803	733.993	-0.012228	5.86969	28.7275	-0.012813
3.34824	81.4724	81.8828	763.775	733.31	-0.004076	5.83656	28.4808	-0.014688
3.34924	81.6091	82.1581	763.775	733.31	-0.004076	5.81719	28.8756	-0.014375
3.35024	80.7888	82.4295	763.775	733.036	-0.004076	5.80813	28.3328	-0.012813
3.35124	81.3358	81.6091	764.574	733.173	-0.004076	5.88156	28.5302	-0.012813
3.35224	80.8521	82.4295	765.802	733.036	-0.004076	5.88219	28.6795	-0.011563
3.35324	81.1989	82.4295	765.488	732.49	-0.004076	5.87719	28.4808	-0.012813
3.35424	81.3358	82.1581	765.145	731.261	0.028532	5.87969	28.3328	-0.012813
3.35524	81.1989	82.1581	765.145	731.398	-0.004076	5.87906	28.2834	-0.014688
3.35624	81.0622	82.5663	764.917	731.944	-0.012228	5.87406	28.5302	-0.0125
3.35724	81.0622	82.1581	765.145	729.758	-0.004076	5.87594	28.2834	-0.014063
3.35824	81.0622	82.1581	765.831	729.485	-0.004076	5.87825	28.3328	-0.01375
3.35924	81.3358	81.8828	765.488	729.758	-0.008152	5.87187	28.1847	-0.013438
3.36024	81.4724	82.2928	765.718	730.032	-0.004076	5.87156	28.2834	-0.013438
3.36124	81.6091	82.0193	765.718	729.212	-0.008152	5.87344	28.6289	-0.012813
3.36224	81.1989	82.2928	764.917	728.802	-0.004076	5.87187	28.3821	-0.012813
3.36324	81.1989	82.1581	765.488	728.668	-0.004076	5.87594	28.0861	-0.013438
3.36424	81.3358	82.1581	764.346	728.12	-0.004076	5.87094	28.1847	-0.013125
3.36524	81.3358	82.0193	764.574	727.437	0.028532	5.8726	28.1354	-0.013438
3.36624	81.3358	82.2928	764.888	727.3	-0.004076	5.87281	28.0861	-0.015313
3.36724	81.3358	82.2928	764.46	727.027	-0.004076	5.87531	27.9874	-0.014063
3.36824	81.1989	82.1581	764.232	726.89	-0.004076	5.87531	27.9874	-0.014063
3.36924	81.4724	82.1581	764.888	725.798	-0.02038	5.87719	28.1354	-0.012188
3.37024	81.3358	81.8828	764.232	725.251	-0.004076	5.87594	27.7406	-0.013125
3.37124	81.3358	82.1581	764.117	724.705	-0.012228	5.87969	27.9874	-0.013438
3.37224	81.1989	81.7458	764.674	724.295	-0.004076	5.87969	27.8393	-0.013125
3.37324	80.7888	82.4295	764.46	724.159	-0.004076	5.88094	27.7406	-0.014375
3.37424	81.3358	82.0193	763.546	723.203	-0.004076	5.86887	27.7406	-0.013125
3.37524	81.6091	81.8828	762.404	722.247	-0.004076	5.83969	27.8887	-0.012813
3.37624	80.7888	82.0193	762.518	722.11	0.02038	5.82281	27.4446	-0.013438
3.37724	80.7888	82.4295	761.947	721.017	-0.012228	5.81909	27.5926	-0.014688
3.37824	81.3358	82.1581	761.033	721.564	-0.004076	5.89219	27.5433	-0.01375
3.37924	81.3358	81.7458	761.033	719.925	-0.008152	5.88156	27.842	-0.012813
3.38024	80.7888	81.8828	760.577	719.925	0.024466	5.88531	27.5433	-0.012188

3.38124	81.1989	81.8828	758.749	717.739	-0.028532	5.88156	27.1485	-0.015313
3.38224	81.3356	82.1561	758.521	716.51	-0.018304	5.88156	27.4939	-0.012813
3.38324	81.3356	81.8828	758.178	717.739	-0.004076	5.88219	27.9874	-0.01125
3.38424	81.1989	81.8828	757.607	716.647	-0.004076	5.88156	27.2985	-0.014063
3.38524	81.1989	81.8828	757.721	716.373	-0.004076	5.88156	27.3952	-0.013125
3.38624	81.3356	82.1561	756.465	715.891	0.02038	5.87719	27.1979	-0.012188
3.38724	81.4724	81.8828	756.465	714.481	0.044837	5.87719	27.3952	-0.012188
3.38824	81.6091	82.1561	756.236	713.915	-0.004076	5.87344	27.2985	-0.012813
3.38924	81.4724	82.0193	756.36	712.688	-0.02038	5.86969	27.2985	-0.013438
3.39024	81.6091	82.0193	756.485	712.822	-0.02038	5.87719	27.3952	-0.014063
3.39124	80.9255	82.2928	756.485	711.888	-0.004076	5.87531	27.2985	-0.011663
3.39224	81.0622	82.1561	756.323	709.544	-0.040761	5.87187	26.7044	-0.015313
3.39324	81.3356	82.1561	755.551	710.091	-0.012228	5.87594	27.0992	-0.014063
3.39424	81.4724	82.2928	756.323	709.544	-0.028532	5.87687	27.2985	-0.012813
3.39524	81.6091	82.0193	754.409	708.725	-0.012228	5.87469	26.9018	-0.013438
3.39624	81.0622	82.1561	754.18	708.315	-0.004076	5.88344	26.9018	-0.012813
3.39724	81.1989	82.0193	752.581	707.359	-0.004076	5.87908	26.9018	-0.013438
3.39824	81.3356	82.4295	752.581	706.54	-0.004076	5.88188	27.0498	-0.01375
3.39924	80.7888	82.4295	752.581	705.993	-0.028532	5.88219	26.7538	-0.013438
3.40024	81.3356	82.4295	751.898	706.403	-0.004076	5.88438	26.9511	-0.012188
3.40124	81.3356	82.0193	751.553	704.354	-0.004076	5.86969	26.7538	-0.012813
3.40224	81.0622	81.8828	750.888	703.262	-0.004076	5.83719	26.8031	-0.014063
3.40325	81.3356	82.1561	749.84	701.349	-0.036885	5.81781	26.1818	-0.014063
3.40425	80.7888	82.4295	749.84	702.189	-0.004076	5.82844	26.8031	-0.014063
3.40525	81.1989	82.1561	750.088	701.349	-0.004076	5.89719	26.8031	-0.012813
3.40625	81.1989	82.0193	748.954	700.84	-0.004076	5.88312	26.8057	-0.014063
3.40725	81.3356	82.1561	748.155	700.257	-0.008152	5.88908	26.8057	-0.013438
3.40825	80.9255	81.7458	748.241	699.164	-0.004076	5.88219	26.4083	-0.012813
3.40925	81.3356	82.1561	748.756	697.662	0.024458	5.88344	26.4083	-0.014063
3.41025	81.8828	82.1561	745.5	696.708	-0.004076	5.87989	26.6551	-0.012813
3.41125	81.3356	82.1561	744.472	696.159	-0.004076	5.87876	26.6057	-0.012813
3.41225	81.4724	82.0193	743.33	695.888	-0.004076	5.87719	26.211	-0.013125
3.41325	81.6091	81.8828	742.188	693.701	-0.004076	5.87344	26.3098	-0.012188
3.41425	81.3356	81.8828	741.388	692.062	-0.048913	5.87125	25.8182	-0.016563
3.41525	81.6091	82.0193	740.817	692.062	-0.004076	5.87406	26.359	-0.013125
3.41625	81.3356	81.7458	739.903	691.242	-0.004076	5.87687	26.4083	-0.013125
3.41725	80.2419	82.4295	739.104	690.289	-0.004076	5.87656	26.211	-0.012188
3.41825	81.0622	81.8828	738.647	689.803	-0.004076	5.87719	26.1818	-0.0125
3.41925	81.3356	82.0193	737.733	688.511	-0.004076	5.87856	26.3098	-0.01125
3.42025	81.3356	82.1561	736.705	688.784	-0.004076	5.87969	25.7175	-0.013438
3.42125	81.3356	82.1561	736.134	687.145	-0.004076	5.87719	25.8162	-0.014063
3.42225	81.3356	81.8828	735.22	686.052	-0.008152	5.87594	25.9642	-0.013438
3.42325	81.3356	81.8828	734.421	685.779	-0.004076	5.88219	25.9642	-0.013438
3.42425	81.0622	81.8828	733.621	684.55	-0.008152	5.88219	25.8162	-0.014063
3.42525	81.1989	81.7458	731.679	681.682	-0.036885	5.87969	25.3721	-0.015313
3.42625	81.3356	81.8828	730.768	682.601	-0.004076	5.88662	25.8182	-0.015625
3.42725	81.0622	81.8828	730.423	681.545	-0.004076	5.87469	26.359	-0.012813
3.42825	81.3356	82.0193	729.662	681.135	-0.004076	5.85281	25.8855	-0.012813
3.42925	81.4724	81.8828	729.052	680.452	-0.004076	5.83781	25.9149	-0.014063

3.43025	80.7888	81.4724	727.682	679.789	0.02038	5.8175	28.0138	-0.011875
3.43125	81.4724	82.1561	728.768	678.13	-0.004076	5.84489	25.7175	-0.013125
3.43225	81.3356	81.8826	725.397	677.038	-0.004076	5.89844	25.4708	-0.012813
3.43325	81.3356	82.4295	724.941	675.672	-0.004076	5.88312	25.8162	-0.013438
3.43425	81.3356	82.2928	723.57	675.945	-0.004076	5.88582	25.8162	-0.013438
3.43525	81.3356	81.8826	722.428	673.487	-0.02038	5.88489	25.9149	-0.012813
3.43625	80.6521	82.5883	721.628	671.984	-0.069293	5.88188	25.1254	-0.015938
3.43725	81.1989	82.0193	720.829	672.121	-0.004076	5.88408	25.6188	-0.013438
3.43825	81.3356	82.1561	719.916	672.394	-0.004076	5.88344	25.8655	-0.01375
3.43925	81.1989	82.0193	719.468	670.755	-0.004076	5.88219	25.4214	-0.013125
3.44025	80.9255	82.0193	718.887	670.618	-0.004076	5.87906	26.211	-0.0125
3.44125	81.3356	82.1561	718.544	669.938	-0.004076	5.87887	25.9149	-0.012813
3.44225	81.6091	82.2928	717.174	669.253	0.028532	5.87887	25.9149	-0.012813
3.44325	80.6521	82.2928	717.174	669.116	-0.012228	5.87719	25.7175	-0.013438
3.44425	81.1989	82.0193	716.032	668.023	-0.02038	5.87812	25.8655	-0.010938
3.44525	81.3356	82.4295	715.481	667.477	-0.004076	5.87906	25.9149	-0.012813
3.44625	81.0622	82.0193	714.433	668.858	-0.004076	5.88156	25.8162	-0.014888
3.44725	81.8826	82.0193	714.433	664.745	-0.02038	5.87812	25.8149	-0.010313
3.44825	81.1989	82.2928	712.377	663.928	-0.004076	5.87969	25.8162	-0.015313
3.44925	81.3356	81.8826	711.691	663.616	-0.004076	5.88582	25.9842	-0.012813
3.45025	81.0622	82.1561	710.321	663.108	-0.008152	5.88344	26.0629	-0.012813
3.45125	81.3356	81.8826	709.407	662.014	-0.008152	5.88687	26.211	-0.014063
3.45225	81.3356	82.0193	708.722	661.741	-0.004076	5.88531	26.0629	-0.012813
3.45325	81.4724	82.0193	707.579	660.375	0.02038	5.88719	28.0138	-0.011663
3.45425	80.5153	81.7458	707.465	661.194	0.028532	5.87594	26.2603	-0.012813
3.45525	81.3356	82.0193	706.552	659.146	-0.012228	5.85094	26.0629	-0.014375
3.45625	81.3356	82.0193	705.98	660.921	-0.004076	5.83219	25.8149	-0.012813
3.45725	81.1989	81.7458	705.295	657.916	-0.008152	5.81375	26.0138	-0.012813
3.45825	81.0622	82.0193	705.181	657.233	-0.02038	5.85219	26.0138	-0.012813
3.45925	80.5153	82.4295	703.696	657.097	-0.004076	5.89908	26.0138	-0.015313
3.46025	81.3356	82.1561	702.897	655.458	-0.004076	5.88219	26.8524	-0.013438
3.46125	81.0622	81.8826	701.64	655.185	-0.004076	5.88719	26.0629	-0.014375
3.46225	81.3356	81.8826	701.183	655.321	-0.004076	5.88719	26.359	-0.013438
3.46325	81.3356	81.8826	701.089	654.092	-0.02038	5.88489	26.4083	-0.012813
3.46425	81.1989	82.0193	700.155	653.819	0.052989	5.88408	26.4083	-0.012813
3.46525	81.1989	82.4295	699.47	653.546	-0.004076	5.88408	26.4083	-0.012188
3.46625	81.0622	81.8826	698.67	653.273	-0.004076	5.88156	26.4083	-0.012813
3.46725	81.4724	81.8826	698.214	652.726	-0.012228	5.87969	26.4083	-0.011875
3.46825	80.7888	81.8826	697.985	651.633	-0.012228	5.87844	26.4083	-0.012813
3.46925	81.4724	81.8826	697.985	651.633	-0.004076	5.87719	26.4083	-0.010313
3.47025	81.3356	82.1561	695.701	651.087	-0.008152	5.87844	26.359	-0.01375
3.47125	81.1989	82.1561	695.929	650.814	0.02038	5.88156	26.8031	-0.015313
3.47225	81.4724	82.0193	695.244	651.087	-0.004076	5.88219	26.4083	-0.012188
3.47325	81.4724	81.8826	694.787	650.677	0.02038	5.88281	26.7538	-0.013438
3.47425	81.8826	82.1561	693.988	649.995	-0.004076	5.88344	26.9611	-0.012813
3.47525	81.3356	82.1561	693.645	649.312	-0.004076	5.88219	26.9611	-0.013125
3.47625	81.1989	82.1561	693.074	649.995	0.028532	5.88438	26.7638	-0.015313
3.47725	81.3356	82.0193	692.731	649.995	-0.004076	5.88658	26.5684	-0.012813
3.47825	81.6091	82.1561	691.932	651.087	-0.004076	5.88908	26.9018	-0.014375

3.47825	80.7888	82.4295	681.589	649.448	-0.004076	5.88908	27.1485	-0.012813
3.48025	81.1989	82.1561	682.046	649.448	-0.004076	5.89031	27.0005	-0.012813
3.48125	81.3356	81.8828	689.99	649.175	-0.008152	5.87969	27.1979	-0.013438
3.48225	81.4724	82.1561	689.781	649.448	-0.004076	5.85594	27.6913	-0.012188
3.48325	81.1989	82.0193	690.447	649.686	-0.012228	5.83594	27.4939	-0.012813
3.48425	81.3356	81.8828	689.305	649.721	-0.004076	5.82158	27.5926	-0.012813
3.48525	81.0622	81.8828	689.305	649.312	-0.004076	5.88558	27.5433	-0.012813
3.48625	81.3356	82.0193	689.076	649.312	-0.004076	5.88625	27.5926	-0.014375
3.48725	81.3356	81.8828	688.391	649.448	-0.004076	5.88969	27.938	-0.012813
3.48825	81.1989	81.8828	687.934	650.268	-0.012228	5.89094	27.79	-0.012813
3.48925	81.0622	81.7458	687.477	650.677	-0.004076	5.88944	27.6913	-0.013125
3.49025	81.6091	82.4295	687.934	649.995	-0.008152	5.88719	27.79	-0.014083
3.49125	81.3356	82.1561	688.048	649.721	-0.012228	5.88844	28.0367	-0.010838
3.49225	81.8828	82.1561	686.335	649.448	-0.004076	5.88594	27.938	-0.013438
3.49325	81.1989	81.8828	686.335	650.131	-0.004076	5.88469	28.3328	-0.013125
3.49425	81.3356	82.0193	685.421	650.131	-0.004076	5.88406	28.1847	-0.013125
3.49525	81.3356	81.8828	685.535	649.721	-0.012228	5.88281	28.5796	-0.013125
3.49625	80.9255	81.1989	684.736	649.995	-0.004076	5.88344	28.4808	-0.011563
3.49725	81.6091	82.0193	685.193	649.721	-0.008152	5.88406	28.3328	-0.014063
3.49825	80.7888	82.0193	684.736	650.404	0.028532	5.88406	28.4808	-0.012813
3.49925	81.3356	82.1561	684.051	649.995	-0.004076	5.88469	28.3821	-0.013125
3.50025	81.3356	81.4724	684.507	651.487	-0.012228	5.88582	28.5302	-0.013438
3.50125	81.3356	81.8828	683.822	649.995	-0.008152	5.88812	28.9743	-0.012813
3.50225	81.3356	82.0193	684.279	650.541	0.02038	5.88781	28.7769	-0.013125
3.50325	81.3356	82.2928	682.88	649.448	-0.004076	5.88969	29.073	-0.014083
3.50425	81.4724	82.0193	683.137	650.541	-0.004076	5.89344	29.5171	-0.014375
3.50525	80.5153	81.6091	682.908	650.404	-0.004076	5.89408	29.2703	-0.013438
3.50625	81.3356	81.8828	682.88	650.404	-0.004076	5.89469	29.5864	-0.012813
3.50725	81.1989	81.4724	682.337	651.087	-0.004076	5.89812	29.5864	-0.0125
3.50825	81.3356	82.0193	682.223	650.677	0.024458	5.87531	29.5171	-0.013438
3.50925	81.3356	82.1561	682.223	651.087	-0.004076	5.85281	29.8625	-0.012188
3.51025	81.6091	82.4295	681.88	651.36	-0.004076	5.83594	30.3559	-0.010938
3.51125	81.0622	82.0193	681.424	652.18	-0.004076	5.83781	30.1585	-0.011875
3.51225	81.3356	81.8828	681.195	651.087	-0.004076	5.90408	30.0598	-0.014063
3.51325	81.3356	82.0193	681.538	651.833	-0.004076	5.89469	30.3559	-0.012188
3.51425	81.1989	82.0193	681.538	652.316	-0.004076	5.89719	30.4548	-0.012188
3.51525	81.3356	82.1561	680.987	652.043	-0.004076	5.89687	30.9481	-0.012813
3.51625	81.3356	81.8828	680.624	652.453	-0.004076	5.89469	30.6533	-0.014063
3.51725	81.3356	82.1561	680.987	652.726	-0.004076	5.89469	30.8484	-0.012813
3.51825	81.3356	81.6091	680.51	652.726	-0.004076	5.89187	30.8	-0.012813
3.51925	80.5153	82.703	680.281	652.59	-0.004076	5.88969	31.0467	-0.013125
3.52025	81.4724	82.4295	679.71	651.907	0.028532	5.88844	31.1454	-0.012188
3.52125	81.3356	82.4295	679.71	652.726	-0.004076	5.88719	31.2935	-0.012813
3.52225	81.1989	82.4295	679.71	653.882	-0.004076	5.88408	31.3428	-0.013125
3.52325	81.3356	82.703	679.71	652.726	-0.012228	5.88719	31.6882	-0.012813
3.52425	81.0622	81.4724	679.253	662.59	-0.004076	5.88937	31.8363	-0.010313
3.52525	81.6091	82.2928	679.368	652.453	-0.004076	5.88719	31.9349	-0.01375
3.52625	81.7458	82.2928	679.026	662.59	-0.004076	5.88719	32.0336	-0.013438
3.52725	80.5153	82.4295	679.139	652.999	-0.008152	5.88844	32.083	-0.013438

3.52825	81.3358	82.8388	679.253	652.999	-0.004076	6.89031	32.083	-0.015
3.52925	81.6091	82.703	679.025	653.546	-0.004076	6.89187	32.231	-0.012813
3.53025	81.4724	82.2928	679.253	653.546	-0.004076	6.89469	32.1817	-0.012813
3.53125	81.1989	82.0193	678.797	653.273	-0.004076	6.89469	32.231	-0.01375
3.53225	81.1989	82.0193	679.71	654.911	-0.02038	5.89719	32.4777	-0.013438
3.53325	81.8826	82.2928	679.025	654.365	-0.004076	5.89906	32.5271	-0.013438
3.53425	81.1989	82.1581	678.797	653.819	-0.004076	5.88469	32.5271	-0.01375
3.53525	80.7888	81.6091	679.253	654.365	-0.004076	5.85094	32.5271	-0.013438
3.53625	81.1989	82.0193	678.34	654.092	-0.004076	6.84469	32.8232	-0.012813
3.53725	81.3358	82.1581	679.025	653.819	-0.036686	6.82876	32.9712	-0.012813
3.53825	81.0622	82.0193	679.253	654.365	0.02038	5.88594	32.8725	-0.012813
3.53925	81.0622	82.1581	679.253	654.775	-0.004076	5.91158	32.8725	-0.013125
3.54025	81.3358	82.1581	678.682	654.838	-0.02038	5.90219	33.0205	-0.013125
3.54125	81.1989	82.1581	679.139	654.911	0.032609	5.89989	33.1192	-0.012188
3.54225	81.1989	82.2928	678.568	655.185	0.028532	5.89844	33.0205	-0.012813
3.54325	81.3358	82.4295	679.139	655.185	-0.004076	5.89908	33.4153	-0.010838
3.54425	81.3358	81.8826	679.025	656.55	-0.004076	5.89719	33.1192	-0.012813
3.54525	81.3358	82.2928	678.797	655.321	-0.016304	5.89658	33.0699	-0.014063
3.54625	81.3358	82.2928	679.253	654.775	-0.004076	6.89719	33.3659	-0.010838
3.54725	81.8826	82.4295	678.797	655.321	-0.004076	6.89281	33.0699	-0.014375
3.54825	81.3358	82.1581	678.797	655.458	-0.012228	5.89344	33.514	-0.012188
3.54925	81.6091	82.1581	679.482	656.004	-0.008152	5.89344	33.514	-0.012813
3.55025	81.4724	82.1581	679.253	656.141	-0.004076	5.89469	33.3168	-0.013125
3.55125	81.3358	82.1581	678.682	656.414	-0.004076	5.89344	33.3168	-0.012813
3.55225	81.3358	82.0193	679.025	656.277	-0.004076	5.89469	33.3659	-0.01375
3.55325	81.3358	81.8826	678.797	657.097	0.044837	5.89556	33.514	-0.013438
3.55425	81.6091	82.0193	679.025	656.414	-0.028532	5.89375	33.514	-0.012188
3.55525	81.3358	82.0193	678.797	657.507	-0.02038	5.89687	33.662	-0.012188
3.55625	81.1989	81.8826	678.797	656.824	-0.004076	5.89719	33.6127	-0.012813
3.55725	81.6091	82.2928	679.253	657.097	-0.012228	5.89812	34.0568	-0.011563
3.55825	81.8826	82.1581	678.682	656.277	-0.02038	5.89906	33.514	-0.015838
3.55925	81.0622	81.8826	679.482	657.507	-0.004076	5.90094	33.9087	-0.012813
3.56025	81.4724	81.8826	679.253	657.37	-0.004076	5.89469	33.8594	-0.015313
3.56125	81.3358	81.8826	678.797	656.824	-0.004076	5.87219	33.7114	-0.015313
3.56225	81.8826	82.4295	679.482	657.843	-0.004076	5.85344	33.81	-0.013125
3.56325	81.8826	82.4295	679.368	658.463	-0.004076	6.83125	33.8594	-0.013125
3.56425	80.7888	81.4724	678.568	657.233	-0.004076	5.83989	33.7114	-0.012813
3.56525	81.6091	82.1581	679.71	658.463	-0.004076	5.90889	34.0074	-0.014063
3.56625	81.3358	82.1581	680.167	658.692	-0.004076	6.89469	33.9087	-0.014375
3.56725	81.7458	82.4295	679.71	658.463	-0.02038	5.89719	34.2541	-0.011563
3.56825	81.3358	82.0193	679.253	658.463	-0.016304	5.89719	34.0568	-0.009688
3.56925	81.1989	81.8826	679.598	659.148	-0.004076	5.89625	34.2541	-0.012813
3.57025	81.8826	82.4295	679.598	658.599	-0.012228	6.89344	34.5998	-0.010838
3.57125	81.6091	82.4295	680.51	659.555	0.028532	6.89781	34.7969	-0.012188
3.57225	81.3358	82.1581	679.71	659.148	-0.008152	6.89658	34.3035	-0.01375
3.57325	80.9255	81.6091	679.939	659.828	0.02038	6.89219	34.3035	-0.01375
3.57425	81.4724	81.8826	679.939	659.828	-0.008152	6.88969	34.4022	-0.014063
3.57525	81.8826	82.1581	680.167	659.419	0.028532	5.88969	34.6982	-0.011875
3.57625	80.7888	81.8826	680.167	660.648	-0.004076	5.88969	34.6982	-0.011875

3.57726	81.3356	82.1561	679.596	660.648	-0.004076	5.89156	34.5009	-0.014375
3.57826	81.6091	81.8826	680.167	660.238	0.02038	5.89281	34.8463	-0.011875
3.57926	81.3356	81.8826	679.71	660.238	-0.008152	5.89219	34.6982	-0.013438
3.58026	81.7458	82.1561	679.71	659.828	-0.02038	5.89281	34.5996	-0.015313
3.58126	81.6091	81.7458	680.053	660.648	-0.004076	5.89781	34.8463	-0.01376
3.58226	81.3356	82.0193	680.51	660.921	-0.004076	5.89812	34.945	-0.013125
3.58326	81.7458	82.1561	680.167	661.467	-0.012228	5.89781	35.093	-0.011563
3.58426	80.6521	81.3356	679.71	661.058	-0.012228	5.90094	35.2904	-0.013125
3.58526	81.4724	82.0193	679.71	661.467	-0.012228	5.90094	34.945	-0.012188
3.58626	81.8826	82.5883	680.281	662.014	0.02038	5.90406	35.093	-0.012813
3.58726	81.3356	82.2928	680.624	661.741	-0.036686	5.89489	34.8463	-0.014063
3.58826	81.1989	82.0193	680.167	662.97	-0.016304	5.88844	35.093	-0.010938
3.58926	81.3356	81.8826	680.167	662.014	-0.02038	5.84489	35.093	-0.013125
3.59026	81.6091	82.0193	680.396	662.014	-0.044837	5.82937	35.093	-0.013125
3.59126	81.3356	82.2928	681.081	662.897	-0.004076	5.89313	35.1423	-0.012188
3.59226	81.3356	82.1561	680.167	662.897	-0.02038	5.90969	35.3397	-0.01375
3.59326	81.3356	81.8826	680.396	662.97	-0.004076	5.90188	35.8332	-0.012813
3.59426	81.3356	81.8826	680.624	664.063	-0.004076	5.90594	35.5865	-0.013438
3.59526	81.6091	81.8826	680.167	663.106	-0.02038	5.89969	35.7838	-0.012813
3.59626	81.3356	81.8826	680.281	663.106	-0.004076	5.90156	35.7345	-0.012188
3.59726	81.3356	82.4295	681.309	664.472	0.02038	5.89969	35.8332	-0.011563
3.59826	81.1989	82.1561	680.738	665.292	-0.004076	5.8976	36.0306	-0.012813
3.59926	81.6091	82.1561	681.081	665.292	-0.012228	5.89687	36.0306	-0.012813
3.60026	81.3356	81.8826	681.309	665.701	-0.02038	5.89656	36.0799	-0.012188
3.60126	81.3356	82.2928	680.852	666.111	-0.004076	5.89489	36.8825	-0.013125
3.60226	81.6091	82.1561	681.081	665.292	-0.040761	5.88969	36.4878	-0.014376
3.60326	81.6091	82.2928	681.538	666.248	-0.028632	5.89489	36.2773	-0.013125
3.60426	81.6091	81.8826	681.766	666.656	-0.044837	5.89875	36.5733	-0.011876
3.60526	81.3356	82.0193	681.538	666.931	-0.044837	5.89687	36.3266	-0.012813
3.60626	81.6091	82.1561	681.538	667.477	-0.052989	5.89937	36.2773	-0.0125
3.60726	81.1989	81.8826	681.538	667.75	-0.052989	5.89719	36.5733	-0.012813
3.60826	81.3356	82.1561	681.538	667.75	-0.069293	5.89437	36.4253	-0.0125
3.60926	81.3356	82.1561	682.223	668.297	-0.069293	5.89856	36.4747	-0.015313
3.61026	81.3356	82.2928	682.223	669.116	-0.077445	5.89937	36.5733	-0.013438
3.61126	81.3356	82.1561	681.88	668.57	-0.052989	5.90125	36.672	-0.014063
3.61226	80.7688	81.8826	682.223	668.57	-0.077445	5.90219	36.7214	-0.012188
3.61326	81.3356	82.1561	682.223	668.57	-0.101902	5.89844	36.4747	-0.015313
3.61426	81.6091	82.1561	681.995	669.526	-0.073369	5.87969	36.672	-0.014063
3.61526	81.1989	82.1561	682.452	669.662	-0.073369	5.85844	37.3629	-0.013438
3.61626	80.9255	82.4295	682.908	670.618	-0.069293	5.83906	36.672	-0.013438
3.61726	81.1989	82.1561	682.908	671.301	-0.086697	5.84969	36.9681	-0.012188
3.61826	81.3356	82.1561	682.452	671.301	-0.083749	5.91094	37.0668	-0.013438
3.61926	81.7458	82.4295	682.794	672.257	-0.086697	5.89969	36.9681	-0.0125
3.62026	81.6091	82.4295	682.908	672.667	-0.118206	5.90562	36.9681	-0.012188
3.62126	81.3356	82.1561	682.68	673.214	-0.126358	5.89906	37.2642	-0.011875
3.62226	81.3356	81.4724	683.365	673.896	-0.11413	5.89969	37.1655	-0.013438
3.62326	82.1561	82.4295	683.365	674.679	-0.13451	5.89969	37.1655	-0.01125
3.62426	81.6091	82.2928	682.109	672.257	-0.183423	5.89489	36.672	-0.017813
3.62526	81.1989	81.8826	682.908	674.306	-0.138586	5.89719	37.2642	-0.014063

3.62626	81.1989	82.0193	683.023	674.679	-0.150814	5.89626	37.4122	-0.014375
3.62726	81.3356	81.6091	682.908	674.852	-0.146738	5.89094	37.0174	-0.014375
3.62826	81.3356	82.1561	682.908	675.872	-0.13451	5.89489	37.4122	-0.012188
3.62926	80.7888	82.4285	683.365	675.945	-0.15489	5.89437	37.3135	-0.012813
3.63026	81.6091	82.2928	683.365	676.218	-0.175271	5.89562	37.3629	-0.012813
3.63126	81.1989	82.0193	683.822	676.355	-0.158966	5.89437	37.4615	-0.014063
3.63226	81.6091	82.1561	683.365	677.721	-0.191575	5.89656	37.4122	-0.01375
3.63326	81.6091	82.1561	683.822	677.867	-0.183423	5.89812	37.4615	-0.012188
3.63426	81.3356	82.1561	683.365	677.311	-0.183423	5.89781	37.2148	-0.013438
3.63526	81.4724	81.8826	683.251	678.491	-0.24864	5.89594	36.7707	-0.016563
3.63626	81.3356	82.4285	683.365	678.404	-0.183423	5.90219	37.2148	-0.015313
3.63726	81.0622	81.8826	684.051	678.677	-0.199727	5.90344	37.7576	-0.012813
3.63826	81.1989	81.8826	683.365	679.223	-0.216031	5.90375	37.2642	-0.012813
3.63926	80.7888	81.3356	683.708	679.906	-0.203803	5.90937	37.3135	-0.013438
3.64026	81.1989	82.1561	683.365	679.36	-0.211955	5.88656	37.1655	-0.014063
3.64126	81.3356	82.2928	684.165	680.689	-0.183423	5.88531	37.1655	-0.013438
3.64226	81.1989	82.1561	684.964	680.589	-0.199727	5.84906	37.0666	-0.014688
3.64326	80.7888	81.6091	684.622	681.408	-0.187499	5.83344	37.2148	-0.014688
3.64426	81.0622	82.1561	684.622	681.855	-0.207879	5.89156	37.0174	-0.013125
3.64526	81.3356	82.1561	684.736	681.882	-0.191575	5.89869	37.1655	-0.014063
3.64626	81.0622	82.1561	683.251	680.999	-0.262716	5.89869	36.672	-0.01626
3.64726	81.3356	82.1561	683.822	682.228	-0.224183	5.90375	36.7707	-0.01626
3.64826	81.3356	81.8826	684.507	683.184	-0.175271	5.90469	37.3629	-0.012813
3.64926	81.1989	82.1561	684.622	683.867	-0.163042	5.90469	36.7707	-0.014063
3.65026	81.4724	81.8826	684.736	684.686	-0.160814	5.90219	37.2148	-0.012188
3.65126	81.3356	82.1561	684.86	684.686	-0.160814	5.89719	36.672	-0.014063
3.65226	81.3356	82.2928	684.279	684.823	-0.118206	5.89675	36.672	-0.013125
3.65326	81.6626	82.2928	685.193	685.916	-0.126358	5.89694	36.8201	-0.012813
3.65426	81.3356	82.2928	684.622	686.052	-0.11413	5.89781	36.4747	-0.014688
3.65526	81.1989	81.8826	684.736	686.872	-0.101902	5.89812	36.6227	-0.01375
3.65626	81.3356	81.7458	684.165	685.779	-0.101902	5.89806	36.8894	-0.0125
3.65726	81.1989	82.1561	684.279	685.916	-0.16489	5.89469	35.8825	-0.016625
3.65826	81.3356	82.0193	684.507	687.145	-0.081621	5.89869	36.4747	-0.016625
3.65926	81.6091	82.2928	685.193	688.238	-0.057065	5.89869	36.672	-0.014688
3.66026	81.3356	82.0193	684.736	688.238	-0.052889	5.89844	36.376	-0.015313
3.66126	81.1989	82.1561	685.193	689.194	-0.081141	5.90219	36.524	-0.013438
3.66226	81.0622	82.0193	685.66	689.74	-0.062889	5.90166	36.4253	-0.014063
3.66326	81.0622	82.0193	684.622	689.33	-0.044837	5.90281	36.2773	-0.01375
3.66426	81.3356	82.1561	684.964	689.877	-0.081141	5.90219	36.0799	-0.012813
3.66526	81.4724	82.1561	685.421	690.833	-0.052889	5.90594	36.376	-0.01375
3.66626	81.1989	82.1561	685.193	691.516	-0.036885	5.90219	36.2279	-0.01375
3.66726	81.3356	82.2928	685.764	691.242	-0.036885	5.88156	36.4253	-0.01375
3.66826	81.3356	82.2928	685.878	691.242	-0.081141	5.86156	36.0799	-0.01375
3.66926	81.3356	82.2928	684.964	691.516	-0.065217	5.84188	36.1786	-0.013438
3.67026	81.8826	82.703	686.764	692.608	-0.073369	5.84856	36.6227	-0.012188
3.67126	81.6091	82.1561	686.193	693.018	-0.052889	5.91969	36.1786	-0.010625
3.67226	81.3356	81.8826	685.421	693.154	-0.077445	5.90825	36.0306	-0.012813
3.67326	81.3356	82.1561	685.193	693.701	-0.069293	5.90719	36.2773	-0.012188
3.67426	81.3356	82.5683	685.992	693.429	-0.077445	5.90469	36.0799	-0.013125

3.67526	81.1989	82.2928	685.193	693.701	-0.085597	5.90406	36.0799	-0.014063
3.67626	81.3356	82.2928	685.65	693.974	-0.110054	5.90219	35.8825	-0.013125
3.67726	81.1989	82.1561	685.992	695.34	-0.089673	5.90406	35.6358	-0.014375
3.67826	80.7888	81.4724	685.535	694.793	-0.089673	5.90219	35.7838	-0.013438
3.67926	81.3356	82.4295	686.107	695.34	-0.13451	5.89937	35.4878	-0.011583
3.68026	81.3356	82.4295	686.107	695.75	-0.083746	5.90094	35.7345	-0.012613
3.68127	81.3356	82.1561	685.878	696.432	-0.118206	5.90094	35.8825	-0.014063
3.68227	81.3356	82.1561	685.65	696.706	-0.122282	5.90125	35.4384	-0.012813
3.68327	81.3356	82.0193	685.193	696.979	-0.101902	5.90594	35.4878	-0.013438
3.68427	81.3356	81.8826	685.421	697.525	-0.093749	5.90344	35.3891	-0.014063
3.68527	81.1989	81.8826	685.421	697.525	-0.101902	5.90438	35.4878	-0.012613
3.68627	81.0622	81.8826	685.193	698.071	-0.089673	5.90594	35.3891	-0.014063
3.68727	81.0622	81.8826	685.65	698.071	-0.097825	5.90719	35.093	-0.012813
3.68827	80.9266	81.8826	685.992	698.071	-0.097825	5.90937	35.3891	-0.013438
3.68927	81.0622	82.1561	685.193	697.798	-0.110054	5.90844	35.3397	-0.012813
3.69027	81.3356	82.0193	686.107	698.754	-0.085597	5.91094	35.2904	-0.011583
3.69127	81.1989	82.1561	685.079	698.481	-0.101902	5.90969	35.093	-0.014063
3.69227	81.7458	82.4295	686.107	698.164	-0.061141	5.90806	35.6851	-0.012188
3.69327	80.6521	81.8826	685.421	698.164	-0.085597	5.89844	35.1917	-0.013438
3.69427	81.6091	82.0193	685.878	698.164	-0.069293	5.87281	34.9943	-0.0126
3.69527	81.0622	81.6091	685.079	698.164	-0.069293	5.85281	35.0437	-0.013438
3.69627	81.0622	81.8826	685.535	698.71	-0.069293	5.83844	34.9943	-0.0126
3.69727	81.3356	82.2928	686.107	700.257	-0.036885	5.90188	34.9943	-0.012188
3.69827	81.3356	82.1561	686.107	701.076	-0.040761	5.91313	34.8463	-0.013438
3.69927	81.4724	82.4295	686.107	701.213	-0.048913	5.90781	34.8956	-0.011583
3.70027	81.3356	82.1561	685.878	700.257	-0.057085	5.90969	34.6992	-0.014375
3.70127	81.3356	82.1561	686.335	700.393	-0.057085	5.90908	34.5502	-0.012188
3.70227	81.3356	82.4295	685.193	700.53	-0.048913	5.90719	34.5502	-0.014063
3.70327	81.1989	82.0193	685.535	701.076	-0.036885	5.90719	34.7969	-0.01375
3.70427	81.4724	82.1561	685.878	701.898	-0.040761	5.90887	34.5009	-0.012813
3.70527	81.3356	81.6091	685.193	701.898	-0.036885	5.90887	34.7478	-0.012188
3.70627	81.3356	81.8826	685.878	702.169	-0.028532	5.90469	34.3035	-0.014063
3.70727	81.1989	82.2928	685.878	701.759	-0.028532	5.90156	34.4515	-0.012813
3.70827	81.7458	82.4295	685.193	701.349	-0.012228	5.90094	34.4022	-0.012813
3.70927	81.0622	82.1561	685.878	702.032	-0.044837	5.90344	34.4515	-0.013438
3.71027	81.1989	82.2928	686.107	702.888	-0.040761	5.90469	34.3035	-0.011875
3.71127	81.3356	82.1561	685.878	702.169	-0.024456	5.90344	33.9581	-0.012188
3.71227	80.7888	82.4295	687.02	702.442	-0.012228	5.90594	34.1081	-0.010826
3.71327	81.1989	82.0193	685.535	702.169	-0.02038	5.90406	34.0568	-0.015625
3.71427	81.3356	82.1561	685.421	702.169	-0.02038	5.90719	34.4516	-0.013125
3.71527	81.3356	82.0193	685.535	702.715	-0.004076	5.90844	34.3036	-0.010938
3.71627	81.0622	81.8826	685.764	702.988	-0.008152	5.91219	34.0074	-0.014063
3.71727	81.1989	82.1561	685.65	702.988	-0.02038	5.90844	33.9581	-0.014063
3.71827	81.3356	82.2928	685.878	703.808	-0.004076	5.91219	33.6127	-0.014688
3.71927	80.7888	82.1561	686.335	703.808	0.024456	5.90969	33.9087	-0.013125
3.72027	81.3356	82.4295	686.107	703.535	-0.004076	5.88438	33.662	-0.012188
3.72127	81.3356	82.1561	685.65	704.354	-0.016304	5.88125	33.662	-0.013125
3.72227	81.4724	82.1561	686.663	702.715	-0.024456	5.84594	33.614	-0.012813
3.72327	80.7888	81.8826	685.193	703.398	-0.012228	5.86719	33.514	-0.010938

3.72427	81.6091	81.8828	685.079	702.852	-0.024458	5.91969	33.3188	-0.016875
3.72527	81.3356	82.2928	685.421	703.944	-0.004076	5.91219	33.81	-0.014688
3.72827	81.3356	81.8828	685.193	703.944	-0.004076	5.91656	33.1688	-0.014375
3.72727	81.0622	82.2928	685.193	704.081	-0.004076	5.91469	33.2673	-0.014063
3.72827	81.3356	82.1561	685.65	704.627	-0.004076	5.91406	33.3188	-0.011875
3.72827	81.3356	82.1561	685.65	704.627	-0.004076	5.91531	33.1688	-0.014688
3.73027	81.4724	82.0193	685.193	704.627	0.028532	5.91094	33.1192	-0.013438
3.73127	81.1989	82.1561	685.65	704.627	-0.004076	5.91094	33.2179	-0.0125
3.73227	80.7888	81.8828	685.65	705.037	-0.004076	5.90719	33.0205	-0.013438
3.73327	81.6091	82.4295	685.307	704.081	-0.004076	5.90531	33.0205	-0.012813
3.73427	80.7888	81.4724	685.65	704.218	-0.004076	5.90469	32.8725	-0.010838
3.73527	81.3356	82.2928	685.421	704.081	-0.004076	5.90812	32.8218	-0.013125
3.73527	81.0622	82.1561	685.193	704.627	-0.004076	5.90844	32.7245	-0.01125
3.73727	81.0622	82.0193	685.193	704.491	-0.004076	5.90584	32.7245	-0.012813
3.73827	80.7888	82.0193	685.193	704.784	-0.004076	5.90844	32.6751	-0.011875
3.73927	81.0622	82.0193	685.193	705.174	-0.004076	5.90969	32.6271	-0.013438
3.74027	81.6091	82.0193	685.193	704.491	-0.008152	5.90844	32.4284	-0.013438
3.74127	81.3356	82.0193	684.85	705.037	0.028532	5.91094	32.6258	-0.014063
3.74227	81.6091	82.2928	685.193	704.901	-0.004076	5.91219	32.3297	-0.014375
3.74327	81.0622	82.4295	684.984	706.286	-0.02038	5.91344	32.4284	-0.014375
3.74427	81.7458	82.2928	684.85	704.081	-0.02038	5.91719	32.1817	-0.014063
3.74527	81.1989	82.1561	684.736	704.491	-0.02038	5.90781	32.2804	-0.01125
3.74627	81.3356	82.4295	684.736	704.354	-0.004076	5.88281	32.2804	-0.014063
3.74727	81.1989	81.8828	684.736	704.901	-0.004076	5.88719	32.7245	-0.013438
3.74827	81.3356	81.3356	684.279	705.037	-0.004076	5.85094	32.1323	-0.012813
3.74927	81.7458	81.6091	684.507	705.037	-0.004076	5.87125	32.083	-0.013438
3.75027	81.4724	82.1561	685.193	705.72	-0.004076	5.93156	31.9349	-0.015313
3.75127	81.4724	81.8828	684.507	705.174	-0.004076	5.91469	32.0336	-0.012813
3.75227	81.6091	82.1561	684.736	705.174	0.038885	5.91869	31.8383	-0.0125
3.75327	81.3356	82.1561	684.279	704.901	-0.012228	5.91781	31.7376	-0.0125
3.75427	81.3356	82.1561	684.507	705.72	-0.004076	5.91781	31.9349	-0.01583
3.75527	81.1989	82.1561	684.736	706.31	-0.004076	5.91719	31.6882	-0.0125
3.75627	81.0622	82.2928	685.65	706.447	-0.004076	5.91281	31.7376	-0.010313
3.75727	81.3356	82.1561	684.622	705.993	-0.004076	5.91125	31.5402	-0.014063
3.75827	81.3356	82.2928	684.051	705.174	-0.012228	5.90969	31.6882	-0.013125
3.75927	81.3356	82.2928	684.165	705.037	-0.004076	5.90844	31.8383	-0.012813
3.76027	81.0622	82.0193	683.822	705.993	-0.004076	5.90844	31.6389	-0.012813
3.76127	80.7888	82.1561	684.279	705.583	-0.004076	5.91187	31.5895	-0.012813
3.76227	81.8828	82.1561	683.822	705.447	-0.004076	5.90969	31.4908	-0.012813
3.76327	81.3356	82.0193	684.051	705.857	-0.004076	5.91094	31.2935	-0.013125
3.76427	81.1989	82.0193	683.708	705.31	-0.004076	5.91219	31.1454	-0.013125
3.76527	81.3356	82.1561	683.822	706.813	-0.004076	5.91187	31.2935	-0.012813
3.76627	81.3356	81.8828	683.822	705.447	-0.004076	5.90969	31.1454	-0.013125
3.76727	81.0622	82.1561	683.251	704.627	-0.004076	5.91469	31.0881	-0.013125
3.76827	80.5153	81.6091	683.594	705.447	-0.004076	5.91531	31.1948	-0.014375
3.76927	81.1989	82.1561	684.279	705.583	-0.004076	5.91844	31.3428	-0.014063
3.77027	81.8828	81.3356	683.365	705.174	-0.004076	5.92219	31.2441	-0.014063
3.77127	81.3356	82.4295	683.708	706.447	0.02038	5.92219	30.9461	-0.0125
3.77227	81.3356	81.8828	683.365	705.72	-0.004076	5.89969	31.1454	-0.012813

3.77327	81.4724	82.1561	884.279	706.13	-0.004076	5.87875	30.9481	-0.014063
3.77427	81.1989	81.8828	883.365	705.447	0.036685	5.85687	30.8987	-0.014375
3.77527	81.1989	81.8828	883.365	705.583	-0.004076	5.85908	30.8494	-0.014063
3.77627	81.3356	81.8828	883.365	706.813	-0.024456	5.93469	31.0467	-0.0125
3.77727	81.6091	81.7458	883.137	705.72	-0.004076	5.91969	30.8494	-0.012813
3.77827	81.1989	82.0193	883.822	705.174	-0.012228	5.92344	31.0467	-0.009063
3.77927	81.3356	82.2928	883.251	705.447	-0.004076	5.92344	31.1454	-0.012813
3.78027	81.3356	82.0193	883.137	705.993	-0.004076	5.91969	30.9974	-0.012813
3.78127	81.3356	82.2928	883.365	705.72	0.02038	5.91969	31.1454	-0.013125
3.78227	81.1989	82.1561	883.023	705.857	-0.004076	5.91969	30.9481	-0.013438
3.78327	81.0622	81.8828	883.251	706.266	-0.004076	5.91969	30.652	-0.013438
3.78427	81.6091	82.703	883.137	705.447	-0.004076	5.91344	30.7013	-0.013438
3.78527	81.1989	82.2928	883.137	706.266	0.040781	5.91406	30.8	-0.012813
3.78627	81.1989	82.1561	883.137	705.583	-0.004076	5.91531	30.6028	-0.013438
3.78727	81.3356	82.2928	882.794	705.72	-0.004076	5.91469	30.7507	-0.011875
3.78827	81.4724	81.8828	882.794	706.13	-0.004076	5.91531	30.7507	-0.011875
3.78927	80.7888	81.7458	882.908	705.683	-0.004076	5.91594	30.7013	-0.01125
3.79027	81.3356	81.8828	882.88	705.31	0.02038	5.91406	30.5533	-0.015938
3.79127	81.0622	82.2928	883.023	704.627	-0.004076	5.91594	30.8494	-0.01375
3.79227	81.3356	82.0193	882.452	705.447	-0.004076	5.92219	30.7507	-0.015313
3.79327	81.3356	82.1561	882.452	706.174	-0.004076	5.91969	30.852	-0.013438
3.79427	81.0622	81.8828	881.88	706.447	-0.004076	5.92219	30.7507	-0.012813
3.79527	81.3356	82.2928	881.895	705.31	-0.004076	5.92219	30.6039	-0.013438
3.79627	80.6621	81.8828	881.995	706.447	0.044837	5.92469	30.5039	-0.0125
3.79727	81.3356	81.8828	882.109	705.72	-0.004076	5.92406	30.6533	-0.014063
3.79827	81.1989	82.4295	881.538	706.13	-0.004076	5.90844	30.6028	-0.012813
3.79927	81.1989	82.0193	882.109	706.447	-0.004076	5.88631	30.5533	-0.012188
3.80027	81.3356	82.1561	881.538	705.583	-0.004076	5.88344	30.3559	-0.01375
3.80127	80.9266	81.8828	881.995	706.447	-0.008162	5.88219	30.3559	-0.012813
3.80227	81.1989	82.1561	881.538	705.583	-0.004076	5.93469	30.5533	-0.014063
3.80327	80.6621	82.1561	882.223	705.72	-0.004076	5.82312	30.8494	-0.011663
3.80427	81.4724	82.1561	881.88	705.447	-0.004076	5.92719	30.2079	-0.014063
3.80527	81.3356	82.2928	881.538	706.266	-0.004076	5.92812	30.5039	-0.0125
3.80627	81.8828	81.6091	881.309	705.993	-0.004076	5.92281	30.4546	-0.013125
3.80727	80.7888	81.8828	881.309	705.72	0.044837	5.92219	30.5533	-0.015313
3.80827	81.8828	82.4295	881.766	706.72	0.024456	5.92344	30.7507	-0.013125
3.80927	81.3356	82.4295	881.538	705.174	-0.004076	5.91969	30.5533	-0.013438
3.81027	81.4724	82.4295	881.538	705.447	-0.004076	5.91908	30.8	-0.0125
3.81127	81.3356	81.8828	881.081	705.583	-0.004076	5.91969	30.2572	-0.011583
3.81227	81.3356	81.8828	881.538	705.447	-0.004076	5.91594	30.4053	-0.015313
3.81327	81.3356	81.8828	881.424	705.447	-0.004076	5.91781	30.3559	-0.014688
3.81427	81.0622	82.1561	880.824	705.037	-0.008152	5.92156	30.7507	-0.012813
3.81527	81.4724	82.1561	881.309	705.72	-0.004076	5.91969	30.2572	-0.014063
3.81627	81.4724	82.2928	880.396	705.72	-0.004076	5.92219	30.4053	-0.013438
3.81727	81.1989	82.1561	881.195	706.266	-0.004076	5.91969	30.4546	-0.013438
3.81827	81.3356	81.8828	880.824	705.72	0.040781	5.9225	30.3559	-0.0125
3.81927	81.1989	82.1561	880.824	705.72	-0.028532	5.92344	30.6028	-0.014063
3.82028	81.6091	82.0193	880.852	706.266	-0.004076	5.92469	30.5533	-0.012813
3.82128	80.7888	81.7458	880.852	705.037	-0.012228	5.92687	30.3066	-0.013438

3.82228	81.1989	81.8828	681.081	705.72	-0.004076	5.92594	30.4053	-0.013126
3.82328	81.3356	81.8828	679.71	704.218	-0.024456	5.92312	30.2572	-0.015313
3.82428	81.0622	81.8828	680.167	705.583	-0.004076	5.90969	30.5039	-0.015938
3.82528	80.5153	82.1561	680.167	705.72	-0.004076	5.88556	30.9481	-0.012813
3.82628	81.1989	82.0193	680.281	705.72	-0.004076	5.88906	30.2572	-0.011875
3.82728	81.8091	82.1561	681.081	705.857	-0.004076	5.88719	30.5039	-0.013438
3.82828	81.0622	81.8828	680.396	705.72	-0.004076	5.93825	30.3559	-0.013125
3.82928	81.3356	82.1561	680.167	705.857	0.036685	5.92969	30.3559	-0.012813
3.83028	81.8828	81.4724	680.624	705.72	-0.004076	5.93344	30.2572	-0.012813
3.83128	81.3356	82.0193	679.939	706.037	-0.004076	5.92844	30.6533	-0.01375
3.83228	81.0622	82.0193	680.396	706.983	-0.004076	5.92781	30.6533	-0.016625
3.83328	81.3356	82.4295	679.253	706.268	-0.004076	5.92969	30.4548	-0.011663
3.83428	81.3356	82.1561	679.71	706.037	-0.026532	5.92719	30.1082	-0.015625
3.83528	81.1989	82.1561	679.482	705.447	-0.004076	5.92719	30.4053	-0.01375
3.83628	81.0622	82.1561	679.71	705.447	-0.012228	5.92562	30.8494	-0.011663
3.83728	81.1989	81.8828	680.281	705.72	0.026532	5.92406	30.2572	-0.012813
3.83828	80.7888	82.2928	680.167	704.901	-0.004076	5.92594	30.6028	-0.012813
3.83928	81.1989	82.2928	679.482	705.72	-0.004076	5.92489	30.4053	-0.013438
3.84028	81.1989	82.0193	679.388	705.583	0.026532	5.92719	30.4053	-0.015313
3.84128	81.4724	82.1561	679.482	706.447	-0.012228	5.92489	30.652	-0.013438
3.84228	81.3356	82.2928	679.71	706.268	-0.004076	5.92489	30.652	-0.012813
3.84328	81.0622	82.1561	679.253	706.037	-0.008152	5.92594	30.5039	-0.014688
3.84428	80.7888	81.8828	679.71	705.447	-0.004076	5.92562	30.5533	-0.011875
3.84528	81.8828	81.3356	678.588	704.354	-0.061141	5.92489	30.1585	-0.015625
3.84628	81.3356	82.0193	678.588	704.901	-0.008152	5.93156	30.4548	-0.014083
3.84728	81.1989	81.8828	679.596	706.268	-0.004076	5.93406	31.1454	-0.014688
3.84828	81.1989	81.3356	678.797	706.31	-0.004076	5.93406	30.7013	-0.014375
3.84928	81.0622	81.3356	678.682	705.447	-0.004076	5.93687	30.652	-0.013125
3.85028	81.1989	82.1561	679.253	705.72	-0.004076	5.91062	30.652	-0.012813
3.85128	81.3356	82.1561	679.253	705.583	-0.004076	5.89219	30.4548	-0.013438
3.85228	81.0622	82.1561	678.797	705.447	-0.004076	5.87406	30.652	-0.013125
3.85328	80.7888	82.0193	678.682	705.174	-0.016304	5.87489	30.3559	-0.0125
3.85428	81.0622	82.4295	679.025	706.54	-0.004076	5.94719	30.852	-0.013438
3.85528	80.6521	82.0193	678.797	705.72	-0.004076	5.93844	30.7013	-0.011875
3.85628	81.0622	82.1561	677.883	704.627	-0.036685	5.93656	30.2572	-0.015625
3.85728	81.1989	82.4295	678.34	705.31	-0.004076	5.93489	30.7507	-0.015313
3.85828	81.3356	82.1561	678.797	705.583	-0.004076	5.93656	30.9481	-0.013125
3.85928	81.3356	81.8828	677.883	706.13	-0.004076	5.93437	30.8987	-0.013125
3.86028	80.9255	82.4295	678.225	706.72	-0.004076	5.93563	30.9481	-0.012188
3.86128	81.1989	81.8828	678.588	706.13	-0.004076	5.93094	30.7507	-0.01375
3.86228	80.7888	81.8091	678.588	706.678	0.048913	5.93344	30.9974	-0.0125
3.86328	81.3356	82.1561	679.253	706.54	-0.004076	5.93082	31.4415	-0.013438
3.86428	80.9255	81.8828	678.111	706.268	-0.004076	5.92719	30.8494	-0.01375
3.86528	81.1989	81.8828	678.682	706.54	-0.012228	5.92844	31.2441	-0.013125
3.86628	81.3356	82.1561	678.34	705.72	-0.012228	5.92969	31.0981	-0.013125
3.86728	80.9255	82.4295	677.883	704.354	-0.036685	5.92719	30.5533	-0.014375
3.86828	80.7888	81.8828	677.426	706.13	-0.036685	5.93094	31.0487	-0.013438
3.86928	81.1989	81.8828	677.883	705.583	-0.004076	5.93219	31.3428	-0.012813
3.87028	81.1989	82.1561	677.883	705.583	-0.004076	5.93344	30.9481	-0.013125

3.87128	81.3358	82.1581	877.883	705.583	-0.004076	5.93875	31.4415	-0.010625
3.87228	81.1989	81.8828	877.654	705.72	-0.004076	5.93908	31.3428	-0.012813
3.87328	80.7888	82.2928	877.883	705.72	-0.004076	5.93908	31.2441	-0.013125
3.87428	81.1989	82.1581	877.654	705.72	-0.004076	5.94094	31.2441	-0.01375
3.87528	80.9255	82.2928	877.883	704.901	-0.012228	5.93887	31.4415	-0.013125
3.87628	80.9255	82.0193	877.426	705.857	-0.004076	5.91469	31.5402	-0.012813
3.87728	81.1989	81.8828	876.989	705.174	-0.02038	5.89469	31.4908	-0.011563
3.87828	81.3358	82.0193	877.426	704.081	-0.036885	5.87344	30.8494	-0.016938
3.87928	81.0822	82.4295	877.426	705.447	-0.016304	5.88875	31.5402	-0.015313
3.88028	80.9255	82.4295	876.989	705.72	-0.004076	5.95812	31.9349	-0.013438
3.88128	81.7458	81.8828	877.883	706.403	-0.004076	5.94219	31.3428	-0.014688
3.88228	81.0822	82.1581	877.654	706.676	-0.012228	5.94856	31.3428	-0.013438
3.88328	81.3358	82.1581	877.769	705.447	0.02038	5.94408	31.4908	-0.013438
3.88428	81.3358	81.8828	877.083	705.993	0.036885	5.94156	31.6389	-0.013438
3.88528	81.1989	82.4295	877.654	706.286	-0.004076	5.93781	31.5402	-0.013438
3.88628	81.3358	81.8828	877.883	706.266	-0.012228	5.93937	31.5402	-0.013438
3.88728	81.3358	82.1581	877.312	706.286	-0.004076	5.93989	31.5402	-0.012813
3.88828	80.6153	82.0193	877.854	706.13	-0.004076	5.93856	31.9349	-0.012813
3.88928	80.8521	82.2928	878.111	705.72	-0.008152	5.93469	31.6882	-0.010938
3.89028	81.3358	82.8398	877.083	704.901	-0.004076	5.93584	31.7378	-0.014375
3.89128	81.0822	82.1581	877.426	705.72	-0.004076	5.93719	32.231	-0.012813
3.89228	81.6091	81.7458	876.826	705.72	-0.004076	5.93875	31.7869	-0.014063
3.89328	81.1989	82.1581	877.198	706.54	-0.004076	5.94219	31.9843	-0.01375
3.89428	81.1989	82.1581	877.312	706.54	-0.004076	5.94094	32.1323	-0.012188
3.89528	81.6091	82.1581	876.989	705.72	-0.012228	5.94219	31.8856	-0.013438
3.89628	80.9255	82.1581	877.312	705.72	-0.004076	5.94562	32.1323	-0.013438
3.89728	81.3358	82.0193	876.989	705.72	-0.004076	5.94688	32.2804	-0.014063
3.89828	81.3358	82.2928	876.512	706.54	-0.004076	5.94719	32.1817	-0.014688
3.89928	81.3358	82.0193	876.989	706.286	-0.004076	5.95094	32.3297	-0.013438
3.90028	81.0822	82.1581	877.426	705.31	-0.024456	5.95156	32.2804	-0.011563
3.90128	81.1989	82.0193	876.741	706.286	-0.004076	5.94312	32.3297	-0.014063
3.90228	81.7458	81.1989	876.855	706.54	-0.004076	5.91844	32.7245	-0.012188
3.90328	80.8521	81.8828	876.398	706.286	-0.004076	5.89812	32.6751	-0.010938
3.90428	81.0822	82.0193	876.055	706.286	-0.004076	5.88188	32.8232	-0.012813
3.90528	81.0822	82.2928	876.512	705.993	-0.004076	5.94187	32.6751	-0.013125
3.90628	81.1989	81.8828	876.741	707.086	0.040761	5.96094	32.7245	-0.012813
3.90728	81.3358	81.7458	876.741	706.286	-0.004076	5.94908	32.7245	-0.013438
3.90828	81.6091	82.0193	876.741	706.13	-0.004076	5.95344	32.7245	-0.011875
3.90928	81.3358	82.4295	876.741	707.086	-0.004076	5.95344	32.9218	-0.01375
3.91028	81.3358	81.7458	876.512	706.54	-0.004076	5.95094	33.0205	-0.011875
3.91128	81.0822	81.8828	877.198	706.54	-0.004076	5.95094	32.9712	-0.010313
3.91228	81.0822	82.2928	875.827	706.286	-0.004076	5.94719	32.9712	-0.01375
3.91328	81.0822	82.1581	876.741	706.676	-0.004076	5.94825	33.514	-0.013438
3.91428	81.3358	82.703	876.741	707.359	0.02038	5.94781	33.1192	-0.014063
3.91528	81.0822	81.8828	876.826	707.905	-0.004076	5.94908	33.3166	-0.012188
3.91628	81.3358	81.7458	876.055	707.359	-0.004076	5.94594	33.4153	-0.012813
3.91728	81.0822	82.1581	876.284	706.813	-0.008152	5.94719	33.4153	-0.014375
3.91828	80.9255	82.2928	876.856	707.359	0.028532	5.94812	33.3166	-0.013125
3.91928	81.0822	82.1581	876.398	707.086	-0.004076	5.94719	33.2179	-0.012813

3.92028	80.6521	82.0193	675.713	707.088	-0.016304	5.94969	33.514	-0.012813
3.92128	81.0822	82.703	676.284	708.813	-0.004076	5.95219	33.81	-0.012813
3.92228	81.0622	82.0193	676.969	707.086	-0.004076	5.95219	33.514	-0.012813
3.92328	80.9255	82.1561	675.484	707.086	-0.02038	5.95375	33.4153	-0.015313
3.92428	81.0622	82.1661	676.055	708.266	-0.012228	5.95687	34.0074	-0.014063
3.92528	81.8826	81.8091	676.055	707.222	-0.004076	5.95906	33.662	-0.014063
3.92628	81.3356	81.8826	675.599	707.632	-0.004076	5.95719	33.81	-0.012813
3.92728	81.0622	82.0193	676.284	707.905	-0.004076	5.93844	33.81	-0.01375
3.92828	81.0622	82.0193	675.941	707.632	-0.004076	5.91563	33.8594	-0.013438
3.92928	81.3356	81.4724	676.055	707.632	0.02038	5.89594	33.9581	-0.014375
3.93028	81.3356	82.2928	675.599	707.769	-0.02038	5.90219	33.8594	-0.014063
3.93128	81.1989	81.7458	676.055	708.998	-0.004076	5.97219	34.0588	-0.014063
3.93228	81.6091	82.703	675.599	707.905	-0.004076	5.95844	33.8087	-0.01375
3.93328	81.3356	82.0193	677.198	707.769	-0.004076	5.96375	34.0568	-0.010313
3.93428	81.3356	81.8826	675.142	707.369	-0.016304	5.95969	34.0074	-0.014063
3.93528	81.0622	82.1561	675.713	708.725	-0.004076	5.96094	34.5502	-0.012188
3.93628	81.0622	81.8826	676.055	708.315	0.02038	5.96187	34.2048	-0.013438
3.93728	80.9255	82.4295	675.256	708.179	-0.004076	5.95812	34.3035	-0.011563
3.93828	81.3356	82.1561	675.827	708.725	-0.004076	5.95656	34.4022	-0.013125
3.93928	80.8521	82.1561	676.512	708.998	0.016304	5.95531	34.3035	-0.012188
3.94028	81.1989	82.1561	676.055	708.462	0.032809	5.95187	34.4515	-0.012188
3.94128	81.0622	82.2928	676.284	708.998	-0.016304	5.95094	34.3035	-0.013125
3.94228	80.2419	82.1561	675.484	709.818	-0.004076	5.95281	34.4515	-0.013438
3.94328	81.3356	82.4295	675.37	707.905	-0.008152	5.95489	34.4022	-0.01375
3.94428	81.3356	82.2928	676.398	708.998	-0.004076	5.95489	34.7476	-0.010938
3.94528	81.0622	82.0193	676.484	708.998	-0.004076	5.95719	34.5502	-0.014688
3.94628	81.0622	81.8826	676.055	709.544	-0.004076	5.95781	35.4384	-0.012813
3.94728	81.1989	81.8826	675.941	708.861	-0.008152	5.95812	34.6982	-0.0125
3.94828	81.0622	82.2928	675.599	708.861	-0.004076	5.95969	34.6982	-0.013125
3.94928	81.3356	82.1561	676.055	709.544	-0.004076	5.96219	34.8483	-0.012813
3.95028	81.1989	81.8826	675.827	709.818	-0.004076	5.96219	34.9943	-0.012813
3.95128	81.1989	81.8826	675.827	709.544	-0.004076	5.96312	34.7969	-0.013438
3.95228	80.9255	81.8826	675.37	710.081	-0.02038	5.95187	34.945	-0.014063
3.95328	80.5153	81.7458	675.827	710.91	-0.02038	5.92908	35.1917	-0.014375
3.95428	81.3356	82.1561	676.599	709.271	-0.004076	5.91062	35.093	-0.012813
3.95528	80.2419	82.0193	675.941	710.5	-0.008152	5.89656	34.8956	-0.012813
3.95628	81.0622	82.0193	676.055	709.818	-0.004076	5.95094	35.0437	-0.013438
3.95728	81.3356	82.2928	676.055	710.774	-0.012228	5.97594	35.241	-0.012813
3.95828	81.0622	82.1561	676.713	710.5	-0.008152	5.96969	34.945	-0.014063
3.95928	81.3356	81.8091	675.827	711.183	-0.004076	5.96844	35.241	-0.014688
3.96028	81.0622	82.1561	675.599	711.183	-0.004076	5.96719	35.1423	-0.012813
3.96128	80.8521	81.8826	675.827	711.456	0.02038	5.96688	35.1423	-0.013438
3.96228	81.1989	82.1561	675.827	710.837	0.024456	5.96489	35.2904	-0.014063
3.96328	81.0622	81.8826	675.599	710.91	-0.004076	5.96531	35.4876	-0.016625
3.96428	81.8091	82.1561	676.284	712.822	-0.004076	5.96656	35.3891	-0.012813
3.96528	81.0622	81.8826	675.484	711.73	-0.004076	5.96344	35.2904	-0.014063
3.96628	81.1989	82.2928	676.055	711.456	-0.004076	5.96219	35.5865	-0.011563
3.96728	80.7888	82.0193	675.827	711.73	-0.004076	5.96408	35.5865	-0.014063
3.96828	81.3356	82.0193	675.599	711.73	-0.012228	5.96408	35.8332	-0.0125

3.96929	81.3356	81.7458	875.941	712.649	-0.004076	5.96469	36.0306	-0.013125
3.97029	81.3356	81.8826	875.599	711.866	0.024456	5.96469	35.8851	-0.012613
3.97129	81.6091	82.1561	875.941	712.139	-0.004076	5.96469	35.7838	-0.013125
3.97229	81.3356	82.0193	876.056	712.549	-0.004076	5.96719	35.5865	-0.012188
3.97329	81.3356	82.1561	875.941	712.276	-0.004076	5.97084	35.8825	-0.012613
3.97429	81.3356	82.1561	876.056	713.369	-0.004076	5.96906	35.7345	-0.013436
3.97529	81.1989	81.8826	875.599	713.605	-0.004076	5.96875	35.5371	-0.012613
3.97629	81.1989	82.1561	875.599	712.276	-0.004076	5.97082	35.7838	-0.01375
3.97729	81.0622	81.7458	875.484	713.232	-0.004076	5.96856	35.7838	-0.014063
3.97829	81.7458	81.8826	875.599	712.959	0.024456	5.94562	35.8332	-0.014375
3.97929	81.0622	82.2928	875.827	713.095	-0.004076	5.92469	36.1292	-0.013436
3.98029	81.3356	82.703	875.599	713.095	-0.012228	5.90531	36.1786	-0.013436
3.98129	81.0622	81.8826	876.626	713.642	0.02038	5.92469	35.8825	-0.014375
3.98229	80.9255	82.0193	875.827	714.188	-0.004076	5.99219	36.0306	-0.012188
3.98329	81.1989	82.0193	876.512	713.642	-0.004076	5.97187	35.8825	-0.012613
3.98429	81.3356	82.1561	876.055	713.778	0.036686	5.97656	36.1292	-0.013125
3.98529	81.3356	82.1561	875.827	713.915	-0.004076	5.97469	35.8825	-0.013125
3.98629	81.1989	81.8826	876.512	715.554	-0.004076	5.97469	36.2279	-0.013436
3.98729	80.7888	82.1561	875.713	714.188	-0.004076	5.97187	35.8332	-0.013436
3.98829	81.3356	81.8826	876.055	714.461	-0.008152	5.97187	36.0799	-0.009063
3.98929	81.1989	82.1561	876.398	714.325	-0.004076	5.97156	36.2279	-0.014063
3.99029	81.0622	82.1561	876.055	716.008	-0.004076	5.96875	36.2773	-0.013125
3.99129	81.0622	81.8826	875.827	715.261	-0.004076	5.96781	36.376	-0.01375
3.99229	81.4724	81.7458	876.055	715.554	-0.004076	5.97094	36.376	-0.014063
3.99329	81.6091	82.0193	875.827	715.261	-0.004076	5.97031	36.2773	-0.011875
3.99429	81.3356	82.0193	876.056	716.51	-0.004076	5.96856	36.2773	-0.014063
3.99529	81.0622	82.4295	875.37	715.554	0.044837	5.96969	36.4747	-0.014688
3.99629	81.0622	82.1561	876.055	716.647	-0.004076	5.97094	36.3266	-0.014063
3.99729	81.3356	81.8826	875.827	716.51	-0.004076	5.97187	36.1786	-0.011875
3.99829	81.1989	82.4295	875.827	716.964	-0.004076	5.97469	36.376	-0.013436
3.99929	81.3356	82.1561	876.512	716.827	-0.004076	5.97469	36.4253	-0.011563
4.00029	81.0622	82.703	875.37	716.827	-0.004076	5.97781	36.0799	-0.015625
4.00129	80.7888	82.0193	875.827	716.964	-0.004076	5.98094	36.4747	-0.014063
4.00229	81.1989	82.0193	876.055	716.1	-0.004076	5.97969	36.672	-0.014688
4.00329	81.3356	82.1561	876.055	716.51	0.02038	5.96719	36.672	-0.014375
4.00429	81.8826	81.8826	875.484	716.51	-0.004076	5.94438	36.524	-0.015313
4.00529	81.3356	82.1561	875.142	716.647	-0.008152	5.92219	36.376	-0.012613
4.00629	81.3356	82.1561	876.055	716.647	-0.004076	5.91219	36.6227	-0.012188
4.00729	80.6521	82.0193	875.599	717.468	-0.02038	5.98694	36.4747	-0.012613
4.00829	80.7888	82.1561	875.37	718.012	-0.004076	5.98344	36.524	-0.015938
4.00929	81.3356	82.2928	875.827	716.647	-0.02038	5.98156	36.5733	-0.014063
4.01029	81.1989	82.1561	875.941	716.647	-0.004076	5.98469	36.672	-0.012188
4.01129	81.0622	82.1561	876.055	717.739	-0.004076	5.98375	36.6227	-0.014063
4.01229	81.3356	82.1561	875.37	717.193	-0.004076	5.97969	36.5733	-0.015313
4.01329	81.1989	82.1561	876.855	718.149	-0.012228	5.98187	36.8201	-0.012613
4.01429	81.3356	82.0193	876.055	717.739	-0.004076	5.97969	36.5733	-0.011563
4.01529	81.6091	81.8826	875.599	718.559	0.026532	5.97656	36.5733	-0.012613
4.01629	81.0622	82.703	875.699	718.832	-0.004076	5.97667	36.5733	-0.012613
4.01729	81.3356	82.0193	875.142	718.832	0.044837	5.97781	36.8694	-0.012188

4.01829	80.2419	82.1561	675.142	717.739	-0.004076	5.97344	36.672	-0.011563
4.01829	81.4724	82.1561	676.056	719.105	-0.004076	5.97781	36.672	-0.012813
4.02029	80.7888	82.1561	675.37	719.378	-0.004076	5.97969	36.6681	-0.014375
4.02129	80.9255	82.1561	676.284	718.832	0.028532	5.97969	36.7214	-0.006688
4.02229	81.0622	81.7458	675.37	718.832	-0.004076	5.97937	36.4747	-0.014063
4.02329	81.4724	81.4724	675.599	719.242	-0.004076	5.98187	36.672	-0.014063
4.02429	81.3356	81.7458	675.713	718.695	-0.004076	5.97969	37.2148	-0.013125
4.02529	81.6091	82.1561	676.37	719.788	-0.008152	5.98312	36.672	-0.013438
4.02629	81.7458	82.0193	675.484	719.925	-0.016304	5.98719	36.672	-0.012813
4.02729	81.1989	82.0193	675.266	719.788	-0.004076	5.98489	36.672	-0.012813
4.02829	81.0622	82.0193	675.713	719.105	0.044837	5.97969	36.672	-0.014688
4.02929	81.0622	82.4295	675.142	719.651	-0.008152	5.95825	36.6694	-0.01375
4.03029	80.6521	81.8826	675.256	721.017	-0.02038	5.93437	36.7707	-0.012188
4.03129	80.9255	81.3356	675.37	719.925	-0.02038	5.91719	36.5733	-0.015
4.03229	81.3356	82.0193	675.599	719.925	-0.004076	5.94989	36.672	-0.012813
4.03329	81.3356	82.1561	675.941	720.471	-0.004076	5.99781	36.376	-0.015313
4.03429	81.0622	82.2928	675.142	720.334	-0.004076	5.98312	36.524	-0.015313
4.03529	81.3356	81.7458	675.599	720.471	-0.004076	5.98844	37.3135	-0.013125
4.03629	81.0622	82.4295	674.913	720.471	-0.004076	5.98489	36.6694	-0.013438
4.03729	80.9255	82.1561	675.142	720.881	-0.004076	5.98489	36.5733	-0.014063
4.03829	81.0622	81.8826	675.599	721.017	0.02038	5.98531	36.4747	-0.012813
4.03929	81.0622	81.4724	675.599	721.017	0.036885	5.98344	36.5733	-0.012813
4.04029	81.1989	82.1561	676.056	720.881	-0.012228	5.97969	36.5733	-0.011563
4.04129	80.7888	82.4295	675.827	721.427	-0.004076	5.98166	36.6227	-0.013125
4.04229	81.1989	82.0193	676.37	721.017	-0.016304	5.97781	36.6733	-0.012188
4.04329	81.0622	82.2928	676.284	722.666	0.02038	5.97844	36.524	-0.012188
4.04429	81.0622	82.4295	674.665	720.744	-0.02038	5.97969	36.2279	-0.015938
4.04529	81.3356	82.1561	675.827	721.837	-0.012228	5.97875	36.376	-0.01625
4.04629	81.3356	82.1561	675.827	721.564	-0.004076	5.97906	36.6694	-0.012813
4.04729	81.0622	82.1561	675.142	721.7	-0.004076	5.98219	36.672	-0.015313
4.04829	81.3356	82.4295	675.37	721.564	-0.004076	5.98562	36.5733	-0.012813
4.04929	80.6521	81.8826	675.37	722.11	-0.008152	5.98281	36.1786	-0.012188
4.05029	81.1989	82.0193	675.37	722.383	0.028532	5.98531	36.5733	-0.014063
4.05129	81.3356	82.4295	675.827	721.837	-0.008152	5.98825	36.4747	-0.012813
4.05229	81.3356	81.8826	675.599	722.793	-0.004076	5.98719	36.4747	-0.014063
4.05329	80.9255	82.1561	675.599	722.383	-0.004076	5.98719	36.4747	-0.014375
4.05429	81.1989	82.1561	676.37	721.7	-0.004076	5.97166	36.5733	-0.012188
4.05529	81.3356	82.0193	675.827	721.154	-0.016304	5.94594	36.0306	-0.013438
4.05629	80.9255	82.0193	675.142	721.564	-0.016304	5.92906	36.672	-0.013438
4.05729	81.0622	81.8826	674.666	722.11	-0.004076	5.92406	36.1292	-0.011563
4.05829	81.3356	81.6091	675.142	722.11	-0.008152	5.99489	36.2773	-0.011875
4.05929	81.1989	82.0193	676.37	723.203	-0.004076	5.99406	36.0799	-0.013438
4.06029	81.3356	82.1561	675.599	723.749	-0.004076	5.98969	35.7838	-0.013125
4.06129	81.6091	81.8826	675.484	722.658	-0.004076	5.98844	36.1292	-0.014063
4.06229	80.6521	82.0193	675.713	724.022	-0.004076	5.98969	36.0799	-0.015313
4.06329	80.9255	82.4295	675.027	722.929	-0.012228	5.98906	36.1292	-0.01375
4.06429	81.0622	81.8826	675.713	724.295	-0.004076	5.98969	36.0306	-0.01375
4.06529	81.0622	81.8826	676.512	723.612	-0.004076	5.98719	35.7838	-0.011563
4.06629	81.0622	82.1561	674.799	722.11	-0.040761	5.98344	35.241	-0.01625

4.06729	81.0622	81.8826	675.599	729.203	-0.004076	5.98594	36.0799	-0.013125
4.06829	81.3356	81.6091	675.599	723.203	-0.004076	5.98281	36.4747	-0.013438
4.06929	81.1989	82.4295	675.256	723.749	-0.004076	5.98719	35.8825	-0.014063
4.07029	81.1989	82.1561	675.599	724.159	-0.004076	5.98594	36.1292	-0.013438
4.07129	81.8826	81.8826	675.599	724.022	-0.004076	5.98626	35.8825	-0.012188
4.07229	80.9255	82.1561	675.142	724.568	0.032609	5.98656	35.1786	-0.011875
4.07329	81.0622	82.1561	675.599	724.022	-0.008152	5.98594	35.8825	-0.012813
4.07429	81.1989	82.4295	675.941	724.159	-0.004076	5.98781	36.0799	-0.013438
4.07529	81.1989	81.8826	675.941	724.022	-0.004076	5.98989	35.7345	-0.013438
4.07629	81.0622	82.703	675.142	723.066	-0.004076	5.98989	35.7838	-0.012813
4.07729	81.1989	82.0193	675.37	722.929	-0.044837	5.98844	35.3891	-0.017168
4.07829	81.1989	81.8826	675.599	724.295	-0.004076	5.99344	35.7838	-0.014375
4.07929	80.9255	82.4295	675.599	724.295	0.024456	5.98812	35.8825	-0.013125
4.08029	81.3356	82.1561	675.484	723.885	-0.004076	5.98489	35.4878	-0.014063
4.08129	81.3356	81.8826	674.913	724.706	-0.004076	5.94781	35.5886	-0.011875
4.08229	81.3356	82.1561	675.37	724.432	-0.004076	5.92531	35.4878	-0.013438
4.08329	81.1989	81.1989	675.599	723.885	-0.004076	5.94531	35.4384	-0.013125
4.08429	80.7888	82.4295	675.599	724.295	0.028532	6.00531	35.3397	-0.015313
4.08529	81.6091	82.0193	675.37	724.568	-0.02038	5.99219	35.4878	-0.012188
4.08629	81.4724	82.1561	675.484	724.842	-0.008152	5.99312	35.093	-0.015313
4.08729	81.4724	82.0193	675.37	724.022	-0.008152	5.99219	35.4384	-0.014063
4.08829	81.1989	82.8396	673.999	722.656	-0.069293	5.99094	34.9943	-0.016563
4.08929	81.3356	81.8826	675.027	724.568	-0.004076	5.99219	35.2904	-0.013438
4.09029	81.0622	81.7458	675.484	724.978	-0.004076	5.99219	35.7345	-0.01375
4.09129	81.3356	82.0193	675.484	724.568	-0.004076	5.99219	35.3891	-0.012813
4.09229	81.1989	82.4295	675.142	724.568	-0.004076	5.98989	35.1917	-0.012813
4.09329	80.2419	82.2928	675.37	724.978	-0.004076	5.98888	35.4878	-0.01375
4.09429	81.0622	81.6091	675.599	724.706	0.028532	5.98719	35.1917	-0.014668
4.09529	81.1989	82.1561	675.941	724.978	-0.008152	5.98844	35.0437	-0.014063
4.09629	81.3356	82.1561	675.484	724.432	-0.036885	5.98844	34.8956	-0.012188
4.0973	81.4724	82.1561	675.484	725.934	-0.012228	5.99156	35.2904	-0.011875
4.0983	81.0622	82.1561	675.142	724.706	-0.02038	5.98844	35.1917	-0.011875
4.0993	81.8826	81.8826	674.228	723.478	-0.052989	5.98489	34.5009	-0.013125
4.1003	81.3356	82.1561	675.027	725.388	-0.004076	5.98989	34.6843	-0.013438
4.1013	81.1989	82.0193	675.599	725.934	-0.004076	5.99489	34.6882	-0.01375
4.1023	81.1989	82.0193	675.027	724.842	-0.004076	5.99219	34.7475	-0.012813
4.1033	80.9255	82.1561	675.599	725.798	-0.004076	5.99989	34.8956	-0.013438
4.1043	81.3356	82.4295	675.37	724.842	-0.004076	5.99656	34.6982	-0.011683
4.1053	81.0622	81.8826	675.941	726.207	-0.004076	5.98781	34.6489	-0.012813
4.1063	81.0622	82.4295	675.142	725.388	-0.004076	5.98631	34.6483	-0.012813
4.1073	81.3356	82.703	675.599	725.251	-0.02038	5.94344	34.6982	-0.013438
4.1083	81.3356	81.8826	675.027	725.115	-0.004076	5.92844	34.8956	-0.014063
4.1093	81.6091	82.1561	675.142	725.115	-0.004076	5.98594	34.5998	-0.012813
4.1103	81.1989	82.1561	676.512	724.842	-0.012228	6.00281	34.4515	-0.012813
4.1113	81.3356	81.8826	674.685	725.251	0.02038	5.99908	34.5009	-0.014375
4.1123	80.9255	82.2928	675.827	725.681	-0.004076	6.00219	34.6489	-0.014375
4.1133	81.0622	81.7458	676.512	725.681	-0.004076	6.00219	34.5009	-0.013125
4.1143	81.1989	81.8826	675.142	725.388	-0.004076	5.99908	34.5009	-0.013438
4.1153	81.0622	82.1561	675.827	725.798	-0.004076	5.99844	34.4022	-0.011563