

EA02-025

FORD

OCTOBER 27, 2003

APPENDIX N

BOOKS 48 OF 61

PART 4 OF 4

4.42032	79.9885	84.481	743.872	846.4	-0.004076	-0.00875	30.3558	-0.011583
4.42132	79.9851	84.481	744.358	846.17	-0.004076	-0.005825	30.2572	-0.012813
4.42232	79.9851	84.481	743.901	846.58	-0.004076	-0.005825	30.3558	-0.010825
4.42332	79.5584	84.481	744.586	845.307	-0.004076	-0.006875	30.3088	-0.009063
4.42432	79.8318	84.6178	743.872	845.034	-0.004076	-0.005838	30.3558	-0.012188
4.42532	79.9851	84.6178	744.129	845.307	-0.004076	-0.006875	30.3558	-0.010313
4.42632	80.2419	84.3442	743.872	845.17	-0.004076	-0.005838	30.5533	-0.012188
4.42732	79.9851	84.6178	743.872	845.034	-0.004076	-0.00375	30.7013	-0.01125
4.42832	79.9851	83.7971	744.129	845.853	-0.004076	-0.00625	30.3088	-0.011583
4.42932	79.8318	84.6178	744.015	845.58	0.052889	-0.008875	30.3558	-0.011583
4.43032	80.1052	84.3442	743.872	845.307	-0.004076	-0.006563	30.3558	-0.010938
4.43132	79.9851	84.481	744.358	846.538	-0.004076	-0.007188	30.4548	-0.010825
4.43232	79.4217	83.5238	744.015	845.034	-0.004076	-0.005838	30.5039	-0.01125
4.43332	79.4217	84.3442	743.901	844.488	-0.004076	-0.005313	30.5039	-0.010313
4.43432	79.4217	84.2074	743.785	845.58	-0.004076	-0.007813	30.2572	-0.014083
4.43532	79.8318	84.6178	743.872	845.307	-0.004076	-0.007188	30.3088	-0.012813
4.43632	79.1483	84.481	744.129	844.897	-0.004076	-0.007188	30.6028	-0.010825
4.43732	79.4217	84.0708	743.872	845.034	-0.004076	-0.005825	30.4548	-0.010938
4.43832	79.9851	84.3442	743.872	845.444	-0.004076	-0.005313	30.3558	-0.01125
4.43932	79.4217	83.7971	743.444	844.761	-0.004076	-0.005838	30.1585	-0.011583
4.44032	79.5584	84.3442	743.215	845.58	0.048913	-0.005838	30.3558	-0.010313
4.44132	80.2419	84.481	744.129	845.034	-0.016304	-0.007188	30.1082	-0.010313
4.44232	79.9851	83.9539	743.444	845.444	-0.004076	-0.008438	30.1585	-0.0125
4.44332	79.4217	84.481	743.901	845.89	-0.004076	-0.008563	30.2572	-0.010938
4.44432	79.5584	83.7971	744.129	845.034	-0.004076	-0.00625	30.1585	-0.012188
4.44532	79.1483	84.3442	742.302	844.214	-0.024458	-0.010825	29.9612	-0.011583
4.44632	79.9851	84.3442	744.243	845.307	-0.004076	-0.006825	30.1585	-0.010938
4.44732	79.1483	84.2074	743.558	844.488	-0.004076	-0.005838	30.4548	-0.01125
4.44832	79.9851	84.0708	743.101	845.17	0.02038	-0.005825	29.9612	-0.010825
4.44932	79.9851	84.2074	743.215	845.307	-0.004076	-0.003438	30.3558	-0.011583
4.45032	80.1052	84.3442	743.444	844.488	-0.016304	-0.0075	30.2572	-0.010313
4.45132	79.9851	83.7971	743.872	845.58	0.028532	-0.006563	30.3088	-0.012188
4.45232	79.5584	84.481	742.987	844.214	-0.004076	-0.006563	30.1082	-0.010313
4.45332	79.9851	84.6178	743.101	844.488	-0.012228	-0.006563	30.3088	-0.010938
4.45432	79.8318	84.3442	743.101	844.897	-0.02038	-0.007188	30.0598	-0.009588
4.45532	79.4217	84.2074	743.872	844.761	-0.008152	-0.005313	30.0598	-0.010825
4.45632	79.9851	84.3442	744.015	843.941	-0.038885	-0.009063	30.0598	-0.010313
4.45732	80.1052	84.2074	743.101	844.488	-0.004076	-0.005838	30.3558	-0.012813
4.45832	79.9851	84.3442	743.872	844.488	-0.004076	-0.006563	30.4548	-0.011583
4.45932	79.9851	83.7971	743.215	845.034	-0.004076	-0.005838	30.2079	-0.010313
4.46032	79.0117	84.481	743.872	844.761	-0.004076	-0.002813	30.1082	-0.01125
4.46132	79.0117	84.6178	744.015	845.034	-0.004076	-0.005838	30.0105	-0.011875
4.46232	79.4217	84.6178	742.873	843.395	-0.004076	-0.005838	30.0598	-0.011583
4.46332	79.5584	84.2074	743.558	844.488	-0.004076	-0.00625	30.3088	-0.01125
4.46432	79.9851	84.3442	743.872	845.444	-0.004076	-0.005825	30.4548	-0.009888
4.46532	79.4217	84.6178	743.558	844.488	-0.004076	-0.006563	30.3558	-0.010825
4.46632	79.9885	84.481	744.015	844.488	-0.004076	-0.00825	30.1585	-0.011583
4.46732	79.9885	84.481	742.53	842.575	-0.052889	-0.007813	29.5684	-0.014083
4.46832	80.1052	84.6178	742.53	844.488	-0.004076	-0.009063	30.0598	-0.010825
4.46932	80.2419	84.481	743.215	844.488	-0.004076	-0.006825	30.4548	-0.010825
4.47032	79.9885	84.6178	743.444	845.034	0.02038	-0.005313	30.1585	-0.011583
4.47132	79.8318	84.6178	743.444	844.897	0.024458	-0.002813	30.1585	-0.012188

4.47232	79.8951	84.2074	743.558	844.761	-0.004076	-0.005313	29.9612	-0.012613
4.47332	79.8951	84.0706	744.129	844.897	-0.004076	-0.005313	30.2572	-0.012188
4.47432	80.2419	84.6178	743.101	843.941	-0.004076	-0.005938	30.1092	-0.012188
4.47532	80.2419	84.3442	743.215	844.214	-0.004076	-0.005825	30.2572	-0.010938
4.47632	79.8318	84.3442	743.901	845.58	-0.004076	-0.005825	30.1092	-0.010825
4.47732	79.9685	84.481	743.558	844.214	-0.004076	-0.004375	30.2572	-0.010825
4.47832	79.8951	84.3442	742.188	843.868	-0.032809	-0.008438	29.9118	-0.0125
4.47932	80.2419	84.3442	742.873	843.941	-0.004076	-0.005825	30.3088	-0.011875
4.48032	79.8951	84.481	743.215	844.488	-0.004076	-0.005938	30.852	-0.013438
4.48132	79.8318	84.0706	743.101	844.488	-0.008152	-0.006875	30.1585	-0.013125
4.48232	79.5584	83.9339	743.215	844.761	-0.004076	-0.00375	30.2572	-0.010938
4.48332	79.8318	84.2074	742.987	844.488	-0.004076	-0.005938	30.1092	-0.011583
4.48432	79.8951	84.6178	743.444	844.488	0.040761	-0.007813	30.3559	-0.01125
4.48532	79.0117	84.481	743.444	844.488	-0.004076	-0.007188	30.0598	-0.011583
4.48632	79.5584	84.481	743.215	844.488	-0.012228	-0.005938	30.2572	-0.01125
4.48732	78.875	84.2074	743.215	844.488	-0.004076	-0.008125	30.1585	-0.011583
4.48832	79.0117	84.6178	742.759	843.395	-0.004076	-0.007188	30.1585	-0.012813
4.48932	79.4217	84.3442	743.33	842.576	-0.061141	-0.010313	29.5684	-0.010313
4.49032	79.4217	84.6178	742.759	844.078	-0.004076	-0.005825	30.1585	-0.012188
4.49132	79.8951	84.481	743.872	844.488	0.028532	-0.005313	30.3559	-0.011583
4.49232	79.8951	84.6178	743.872	844.488	0.024456	-0.006563	29.8625	-0.012813
4.49332	79.9685	84.6178	742.759	844.078	-0.004076	-0.005313	30.0598	-0.012188
4.49432	79.4217	84.0706	743.215	844.761	0.024456	-0.005313	30.1585	-0.011583
4.49532	79.8951	84.2074	743.444	844.488	0.02038	-0.005313	30.1585	-0.0125
4.49632	79.8951	84.3442	743.444	844.488	0.024456	-0.006563	30.3088	-0.010313
4.49732	79.4217	83.8603	743.101	844.488	-0.004076	-0.006563	30.2079	-0.010938
4.49832	79.8951	84.3442	743.444	845.307	0.024456	-0.005313	30.3088	-0.011583
4.49932	80.2419	84.2074	742.759	843.868	-0.004076	-0.005938	30.3088	-0.010313
4.50032	79.8951	84.3442	742.073	842.849	-0.040761	-0.010313	29.5684	-0.012188
4.50132	79.5584	84.3442	742.759	844.078	-0.004076	-0.006563	30.1585	-0.010825
4.50232	79.8951	84.3442	742.759	844.214	-0.004076	-0.005938	30.852	-0.010825
4.50332	79.8318	84.6178	742.844	844.351	0.028532	-0.004375	30.1585	-0.012813
4.50432	79.5584	84.2074	743.215	844.761	0.02038	-0.001875	30.4546	-0.009063
4.50532	79.0117	84.6178	743.215	844.488	-0.004076	-0.006563	30.2079	-0.010938
4.50632	79.8951	84.3442	742.987	843.941	0.024456	-0.005938	30.2079	-0.012188
4.50732	79.8318	84.3442	742.759	844.214	-0.008152	-0.007188	30.3559	-0.011583
4.50832	79.5584	84.6178	742.987	843.395	-0.004076	-0.006563	30.2079	-0.010313
4.50932	79.4217	83.8339	742.302	844.761	-0.004076	-0.006875	30.1585	-0.01125
4.51032	79.8318	83.7971	742.987	843.122	-0.008152	-0.007813	30.2079	-0.01125
4.51132	79.9685	84.3442	743.215	842.849	-0.02038	-0.007188	29.9612	-0.010313
4.51232	79.4217	84.3442	742.987	843.868	-0.004076	-0.007813	30.1585	-0.014063
4.51332	79.9685	84.8913	742.987	844.488	-0.004076	-0.005	30.7013	-0.011583
4.51432	79.8951	84.3442	742.759	843.941	-0.004076	-0.005938	30.3088	-0.010938
4.51532	79.5584	84.481	742.759	843.395	-0.004076	-0.005938	30.4063	-0.010938
4.51632	79.8318	84.6178	742.759	843.941	-0.004076	-0.00825	30.3088	-0.012813
4.51732	79.8951	84.6178	742.759	843.805	0.028532	-0.006563	30.2572	-0.010825
4.51832	79.5584	84.6178	742.416	843.805	-0.004076	-0.008125	30.0106	-0.011875
4.51932	79.8951	83.8603	743.101	844.488	-0.004076	-0.006875	30.0598	-0.011875
4.52032	79.4217	83.9339	743.215	844.761	-0.004076	-0.007188	30.0106	-0.010938
4.52132	79.8951	84.8913	742.759	843.258	-0.004076	-0.00825	30.1585	-0.010825
4.52232	79.8951	84.481	743.101	843.395	-0.008152	-0.008438	29.9612	-0.010313
4.52332	79.8951	84.3442	742.53	843.941	-0.018304	-0.006563	30.1585	-0.013438

4.52433	79.4217	84.0706	742.644	844.214	-0.004078	-0.005938	30.4548	-0.012813
4.52533	79.6951	83.7971	742.53	843.985	-0.004078	-0.006563	30.0598	-0.013438
4.52633	79.6951	84.481	743.101	843.941	-0.004078	-0.002813	30.4059	-0.010938
4.52733	79.8318	84.2074	742.53	843.985	-0.004078	-0.00825	30.0105	-0.012813
4.52833	79.6951	84.3442	742.644	843.941	-0.004078	-0.006563	30.1082	-0.012813
4.52933	79.1483	84.8178	742.759	843.985	0.02038	-0.007813	30.3088	-0.011563
4.53033	79.6951	84.3442	742.759	844.351	-0.004078	-0.007188	29.9812	-0.011563
4.53133	79.6951	84.2074	742.759	844.214	-0.004078	-0.006563	30.3088	-0.011563
4.53233	79.4217	85.1649	743.101	843.688	0.024458	-0.005825	30.1082	-0.010938
4.53333	79.8318	84.3442	744.015	843.985	-0.004078	-0.004083	30.2572	-0.007813
4.53433	79.6951	84.8178	742.302	842.712	-0.02038	-0.00625	30.2079	-0.013438
4.53533	79.5584	84.0706	742.416	843.985	-0.004078	-0.006563	30.8026	-0.011875
4.53633	79.6951	83.9339	742.759	844.214	0.02038	-0.005313	30.3559	-0.010938
4.53733	79.6951	84.0706	742.644	843.985	-0.004078	-0.004375	30.3559	-0.010313
4.53833	79.6951	83.9339	742.759	843.985	-0.004078	-0.006563	30.1585	-0.010313
4.53933	79.6951	84.3442	742.873	843.985	-0.004078	-0.005825	30.3559	-0.009375
4.54033	79.1483	84.8178	742.53	843.985	0.028532	-0.005825	30.7507	-0.009375
4.54133	80.2419	84.481	742.644	843.888	-0.004078	-0.007613	30.1585	-0.010938
4.54233	79.0117	84.481	742.987	844.897	-0.004078	-0.006563	30.3559	-0.010938
4.54333	79.6951	84.3442	742.759	842.575	-0.004078	-0.006825	30.3088	-0.011875
4.54433	79.6951	84.8178	743.215	843.985	-0.004078	-0.007813	30.3559	-0.009688
4.54533	79.6951	84.3442	741.845	842.575	-0.012228	-0.0075	30.1585	-0.012813
4.54633	79.6951	84.3442	742.759	843.258	-0.004078	-0.006563	30.852	-0.011563
4.54733	79.6951	84.3442	743.215	843.985	-0.004078	-0.00825	30.3088	-0.010825
4.54833	79.1483	84.8178	742.188	843.985	-0.004078	-0.005313	30.3559	-0.010825
4.54933	79.8318	83.5238	742.302	843.258	0.028532	-0.005313	30.3559	-0.010938
4.55033	80.1052	84.0706	742.644	843.258	0.028532	-0.005838	30.3559	-0.011563
4.55133	79.8318	84.8178	742.759	843.985	-0.004078	-0.005838	30.2572	-0.010825
4.55233	79.1483	84.8178	742.53	843.258	-0.02038	-0.005313	30.5039	-0.01125
4.55333	79.6951	84.0706	742.302	844.214	-0.004078	-0.005313	30.1685	-0.013438
4.55433	79.6951	84.8178	742.073	842.712	-0.012228	-0.005838	30.5039	-0.010313
4.55533	78.875	84.3442	743.672	843.985	-0.004078	-0.005838	30.0598	-0.008125
4.55633	79.6951	84.8178	742.53	842.849	-0.004078	-0.006563	30.1082	-0.011563
4.55733	79.6951	83.6803	742.759	842.849	-0.004078	-0.005313	30.8867	-0.010625
4.55833	80.2419	84.481	742.644	843.985	-0.004078	-0.005825	30.5039	-0.010938
4.55933	80.2419	84.481	742.759	843.985	-0.004078	-0.006875	30.3559	-0.012813
4.56033	79.6951	83.6803	742.759	843.122	-0.004078	-0.005838	30.3559	-0.011563
4.56133	79.6951	84.0706	742.302	843.985	0.02038	-0.006875	30.2079	-0.013125
4.56233	79.6951	84.0706	742.759	842.849	0.044837	-0.004083	30.3559	-0.011563
4.56333	79.8318	84.8178	742.302	842.849	-0.004078	-0.007188	30.2572	-0.012813
4.56433	79.6951	84.0706	741.845	843.805	-0.004078	-0.007188	30.3088	-0.012188
4.56533	79.6951	85.1649	742.873	842.302	-0.004078	-0.005838	30.4548	-0.010313
4.56633	79.6951	85.0281	743.101	843.122	-0.004078	-0.005838	30.3559	-0.009083
4.56733	79.6951	84.2074	742.644	842.849	-0.004078	-0.007188	30.2572	-0.013438
4.56833	79.4217	84.8178	742.416	842.575	-0.02038	-0.006838	30.4548	-0.011683
4.56933	79.6951	83.7971	742.302	842.439	-0.004078	-0.006563	30.3559	-0.010938
4.57033	79.4217	84.2074	742.644	842.849	-0.004078	-0.00375	30.2572	-0.011563
4.57133	80.2419	84.481	742.759	842.985	-0.004078	-0.007188	30.1585	-0.009375
4.57233	80.1052	84.8178	742.759	843.122	-0.004078	-0.00825	30.2572	-0.010313
4.57333	79.6951	84.3442	743.101	843.985	-0.004078	-0.005313	30.2572	-0.009375
4.57433	79.8318	84.2074	743.215	843.985	-0.006152	-0.005838	30.3088	-0.011563
4.57533	79.8318	84.3442	742.53	844.078	-0.004078	-0.006563	30.3088	-0.012188

4.57633	79.6951	84.481	742.302	842.712	-0.004076	-0.005938	30.3088	-0.010938
4.57733	79.5584	84.0708	743.215	842.575	-0.004076	-0.007188	30.3559	-0.0075
4.57833	79.8318	84.6178	741.845	842.188	-0.024456	-0.005938	30.3088	-0.012813
4.57933	79.9685	84.3442	742.073	842.302	-0.004076	-0.005825	30.2672	-0.011583
4.58033	79.6951	84.3442	741.845	842.849	-0.004076	-0.005313	30.5533	-0.010313
4.58133	79.1483	84.6178	742.759	843.122	-0.004076	-0.004375	30.3088	-0.010938
4.58233	79.6951	84.6178	742.759	842.575	-0.004076	-0.002188	30.4546	-0.010313
4.58333	80.2419	84.3442	742.302	842.302	-0.004076	-0.006875	30.3559	-0.012188
4.58433	78.875	84.3442	742.302	842.575	0.032809	-0.005938	30.5039	-0.010938
4.58533	79.6951	84.3442	742.759	842.188	-0.004076	-0.005313	30.4546	-0.010825
4.58633	79.6951	84.3442	743.101	843.385	-0.004076	-0.006875	30.2079	-0.010313
4.58733	79.6951	84.2074	742.759	842.302	-0.004076	-0.006875	30.1092	-0.011875
4.58833	79.9685	85.0281	742.302	841.756	-0.004076	-0.006563	30.5533	-0.008125
4.58933	78.1483	84.6178	743.215	841.756	-0.004076	-0.006563	30.1585	-0.010938
4.59033	79.6951	84.6178	742.53	842.188	-0.004076	-0.005825	30.5039	-0.010938
4.59133	79.8318	84.2074	741.845	841.756	-0.004076	-0.005313	30.1092	-0.010825
4.59233	79.6951	84.3442	742.987	842.439	-0.004076	-0.003438	30.2572	-0.011583
4.59333	79.9685	84.0708	741.818	842.302	-0.004076	-0.005938	30.2572	-0.010313
4.59433	79.6951	84.481	742.53	842.439	-0.004076	-0.006563	30.1585	-0.011583
4.59533	79.9685	84.481	742.302	841.619	0.036685	-0.005938	30.3088	-0.012813
4.59633	79.5584	84.2074	742.759	842.029	-0.004076	-0.007188	30.1092	-0.010313
4.59733	79.9685	84.6178	742.53	842.849	-0.02038	-0.006875	30.2572	-0.010938
4.59833	79.6951	84.0708	742.759	842.439	-0.004076	-0.005938	30.3088	-0.010938
4.59933	79.5584	84.2074	742.759	842.439	-0.004076	-0.006563	30.1585	-0.009063
4.60033	79.8318	84.481	742.302	841.756	-0.008152	-0.005825	30.1585	-0.010313
4.60133	78.875	84.3442	742.302	842.029	-0.004076	-0.005938	30.5039	-0.012813
4.60233	79.5584	84.6178	742.53	842.575	-0.004076	-0.005313	30.652	-0.010938
4.60333	79.6951	84.3442	742.844	842.188	-0.004076	-0.004888	30.1092	-0.012813
4.60433	79.5584	84.2074	742.53	842.575	-0.004076	-0.004063	29.8825	-0.011875
4.60533	79.6951	84.0708	742.302	842.302	-0.004076	-0.007188	30.0598	-0.010938
4.60633	79.8318	84.6178	741.845	842.029	-0.004076	-0.005825	30.3088	-0.011583
4.60733	79.8318	84.3442	742.844	842.712	-0.004076	-0.005825	30.1585	-0.010938
4.60833	80.1052	84.481	742.188	842.849	-0.008152	-0.006875	30.1585	-0.011583
4.60933	79.6951	85.0281	742.844	841.21	-0.004076	-0.005938	30.2572	-0.012188
4.61033	80.1052	84.2074	743.215	842.302	-0.004076	-0.005938	30.4053	-0.009375
4.61133	79.8318	84.2074	742.759	841.483	-0.004076	-0.005938	30.0105	-0.012188
4.61233	79.8318	84.3442	741.845	842.029	0.024456	-0.006563	30.3559	-0.011583
4.61333	79.9685	84.481	741.845	841.483	-0.004076	-0.006563	30.2572	-0.010938
4.61433	79.8318	84.6178	742.53	842.029	-0.004076	-0.007188	30.3559	-0.011583
4.61533	79.8318	84.3442	742.302	841.483	-0.004076	-0.005938	30.0598	-0.010938
4.61633	79.6951	84.481	742.302	841.756	-0.004076	-0.006563	29.9812	-0.009063
4.61733	79.9685	84.3442	742.302	842.188	0.040761	-0.005938	30.2572	-0.011583
4.61833	79.6951	84.6178	742.53	841.483	-0.004076	-0.005825	30.1585	-0.010313
4.61933	79.6951	84.3442	742.844	843.258	-0.004076	-0.007188	29.7838	-0.011875
4.62033	79.6951	84.3442	742.073	841.483	-0.008152	-0.00625	30.0105	-0.012813
4.62133	79.6951	84.8913	742.53	841.756	-0.004076	-0.007188	29.7838	-0.01125
4.62233	79.8318	84.3442	742.302	841.619	-0.004076	-0.005313	29.9812	-0.011875
4.62333	80.5153	84.3442	742.073	841.756	-0.004076	-0.00625	29.9118	-0.012188
4.62433	78.4217	84.6178	742.188	841.619	-0.008152	-0.005938	30.0598	-0.011583
4.62533	79.6951	84.3442	742.844	841.892	-0.004076	-0.004888	29.5864	-0.010938
4.62633	79.8318	84.481	742.759	841.483	-0.004076	-0.003438	29.9812	-0.01125
4.62733	79.6951	84.481	742.073	841.619	-0.004076	-0.007813	29.9812	-0.011875

4.62833	79.4217	84.3442	742.53	841.756	-0.004076	-0.006563	30.0598	-0.01125
4.62833	80.1052	84.2074	742.416	841.756	-0.016304	-0.0075	29.8625	-0.010313
4.63033	80.1052	84.2074	742.073	842.849	-0.004076	-0.00625	29.9118	-0.010838
4.63133	79.5584	84.3442	742.644	841.073	-0.008152	-0.008125	30.1585	-0.012188
4.63233	79.6951	84.3442	742.644	841.819	-0.004076	-0.006563	30.0598	-0.010625
4.63333	79.8318	84.0706	742.644	841.21	-0.004076	-0.005625	30.0598	-0.012813
4.63433	79.4217	84.6178	741.845	840.39	-0.004076	-0.006563	30.1092	-0.011563
4.63533	80.2419	84.3442	742.302	841.619	-0.004076	-0.008875	30.5533	-0.010625
4.63633	80.2419	84.3442	741.845	841.21	-0.004076	-0.008875	30.0598	-0.010838
4.63733	79.4217	84.3442	742.759	841.756	0.024456	-0.004063	30.1092	-0.010838
4.63833	80.2419	84.0706	742.53	841.483	-0.004076	-0.008438	30.1092	-0.011563
4.63933	80.1052	84.3442	742.53	841.21	0.048913	-0.006825	30.1092	-0.010313
4.64033	79.9885	84.6178	742.416	840.936	-0.004076	-0.007813	30.2079	-0.010838
4.64133	79.5584	84.2074	742.302	840.936	-0.008152	-0.005313	29.9118	-0.013438
4.64233	79.6951	83.7971	741.845	840.863	-0.012228	-0.008875	30.0598	-0.012188
4.64333	79.9885	84.6178	742.987	840.936	-0.004076	-0.005313	30.2572	-0.007188
4.64433	79.6951	84.0706	742.188	840.39	-0.02038	-0.005938	29.8625	-0.013438
4.64533	79.6951	84.3442	741.845	840.863	-0.004076	-0.008875	29.9612	-0.011875
4.64633	79.5584	83.7971	742.073	841.21	-0.004076	-0.007188	30.1092	-0.01125
4.64733	79.6951	84.8913	742.53	841.619	-0.004076	-0.006625	29.8625	-0.010838
4.64833	79.5584	84.6178	741.845	841.756	-0.004076	-0.004063	29.9118	-0.012613
4.64933	79.6951	83.9339	742.302	841.483	0.028532	-0.006563	30.2079	-0.010838
4.65033	79.0117	84.3442	742.53	841.619	0.048913	-0.004063	29.9612	-0.012188
4.65133	80.1052	84.6178	742.53	841.756	-0.004076	-0.005938	30.1585	-0.012813
4.65233	80.1052	84.6178	742.188	841.21	-0.004076	-0.005938	30.1585	-0.010838
4.65333	79.9885	84.6178	742.073	841.21	-0.004076	-0.006563	29.9612	-0.010625
4.65433	79.9885	84.3442	742.073	839.844	-0.004076	-0.006563	30.1092	-0.010313
4.65533	79.6951	83.7971	742.302	840.8	-0.004076	-0.006563	29.8625	-0.011563
4.65633	79.1483	84.3442	742.302	840.863	-0.004076	-0.005313	30.1585	-0.012813
4.65733	79.6951	84.6178	742.302	841.21	-0.004076	-0.005313	30.3066	-0.012188
4.65833	79.6951	84.2074	742.188	840.863	-0.004076	-0.005625	29.9118	-0.012188
4.65933	79.6951	84.0706	742.188	840.527	0.024456	-0.001875	30.2572	-0.011563
4.66033	79.5584	84.3442	742.53	840.936	-0.004076	-0.005938	30.1092	-0.01125
4.66133	79.9885	84.3442	742.188	840.253	0.036685	-0.005938	30.1585	-0.011563
4.66233	79.5584	84.481	742.53	840.527	-0.004076	-0.006563	29.9612	-0.006888
4.66333	79.6951	84.0706	741.388	841.21	-0.004076	-0.008125	29.9612	-0.012813
4.66433	79.6951	84.6178	742.073	839.024	-0.012228	-0.007813	29.9118	-0.013125
4.66533	79.6951	83.6603	742.302	840.8	-0.008152	-0.007813	30.3066	-0.010625
4.66633	79.1483	84.481	741.502	839.024	-0.02038	-0.008438	29.8131	-0.012813
4.66733	79.6951	84.6178	741.616	840.39	-0.004076	-0.006563	29.9612	-0.012188
4.66833	79.1483	84.3442	742.53	839.024	-0.004076	-0.006563	30.3669	-0.011563
4.66933	79.6951	83.7971	742.073	839.024	-0.004076	-0.005938	29.9118	-0.010313
4.67033	79.285	84.6178	742.188	839.98	-0.004076	-0.004063	30.1092	-0.01125
4.67133	79.9885	84.3442	741.845	840.863	-0.004076	-0.007813	30.1585	-0.012188
4.67233	80.2419	84.481	742.416	840.39	0.02038	-0.0075	30.1092	-0.010313
4.67333	80.1052	84.3442	742.302	839.98	-0.004076	-0.004688	30.1585	-0.010313
4.67433	79.5584	84.3442	742.073	841.073	-0.004076	-0.007188	29.8625	-0.012188
4.67533	80.1052	84.481	742.302	840.117	-0.004076	-0.007813	29.8625	-0.012188
4.67633	79.4217	84.8913	742.073	839.844	-0.004076	-0.00825	29.9612	-0.010313
4.67733	79.9885	84.2074	742.53	839.024	-0.008152	-0.009063	29.7638	-0.013438
4.67833	79.9885	84.3442	742.188	840.527	-0.004076	-0.006563	30.1092	-0.011563
4.67933	79.6951	84.0706	742.073	840.117	-0.004076	-0.007188	30.3559	-0.011563

4.68034	79.8318	84.8178	741.845	840.253	-0.004076	-0.005313	29.8118	-0.010838
4.68134	79.8951	84.0706	741.845	840.39	-0.004076	-0.004083	30.0598	-0.010825
4.68234	79.4217	84.481	742.53	840.117	-0.004076	-0.008125	30.1585	-0.010825
4.68334	79.8951	84.3442	741.845	840.117	0.052989	-0.007813	29.9612	-0.010838
4.68434	80.2419	84.481	742.302	840.117	-0.004076	-0.005825	30.0598	-0.012188
4.68534	79.9885	84.2074	741.816	839.88	-0.004076	-0.005313	30.0598	-0.010838
4.68634	79.8318	84.8178	742.302	839.844	-0.004076	-0.008583	29.7838	-0.011563
4.68734	80.1052	84.8178	742.073	839.844	-0.004076	-0.008875	29.9118	-0.012188
4.68834	79.5584	84.481	741.045	838.205	-0.052989	-0.008375	29.388	-0.01375
4.68934	79.8318	84.8178	741.845	838.888	-0.004076	-0.008583	29.8851	-0.011875
4.69034	79.9885	84.3442	742.302	839.88	0.028532	-0.004688	30.1585	-0.011563
4.69134	79.8951	84.8913	742.302	840.117	-0.004076	-0.005938	29.9812	-0.011875
4.69234	79.9885	84.481	741.845	839.571	0.018304	-0.005313	30.0598	-0.010838
4.69334	79.8951	84.481	742.302	839.024	-0.004076	-0.004688	29.9812	-0.01125
4.69434	80.1052	84.0706	742.188	839.844	-0.004076	-0.007188	29.7838	-0.013438
4.69534	79.9885	84.3442	742.073	839.024	-0.004076	-0.007188	29.7144	-0.012813
4.69634	79.9885	84.2074	742.302	839.024	-0.004076	-0.00625	29.8825	-0.011563
4.69734	80.2419	84.481	742.188	839.024	-0.004076	-0.008438	29.7144	-0.011563
4.69834	79.8951	85.0281	742.073	839.024	-0.004076	-0.008583	29.7838	-0.010838
4.69934	79.9885	84.0706	741.731	838.205	-0.008152	-0.00875	29.4184	-0.013438
4.70034	79.4217	84.3442	742.073	839.707	-0.004076	-0.005938	29.5884	-0.012813
4.70134	79.9885	84.0706	741.816	839.024	-0.004076	-0.005825	30.5533	-0.010838
4.70234	79.9885	84.2074	742.073	839.024	-0.004076	-0.005938	29.7838	-0.012188
4.70334	79.8951	84.3442	742.844	839.024	-0.004076	-0.003438	29.7144	-0.011875
4.70434	79.9885	84.8178	741.845	839.024	0.02038	-0.008438	29.7144	-0.011563
4.70534	79.9885	84.2074	741.388	839.024	-0.004076	-0.005938	29.5171	-0.010313
4.70634	79.9885	84.2074	742.188	838.751	-0.004076	-0.008583	29.7838	-0.008688
4.70734	79.9885	84.3442	741.845	839.024	-0.004076	-0.005938	29.9118	-0.010313
4.70834	79.9885	84.481	741.845	839.024	-0.004076	-0.00825	29.9812	-0.011563
4.70934	79.9885	84.3442	741.845	838.751	-0.004076	-0.008875	29.7144	-0.01125
4.71034	80.2419	84.0706	741.388	837.385	-0.038885	-0.009083	29.4184	-0.012813
4.71134	79.8951	84.0706	741.816	838.478	-0.004076	-0.006825	29.7838	-0.0125
4.71234	79.8318	84.0706	741.845	837.932	-0.012228	-0.006825	30.3086	-0.013438
4.71334	80.2419	84.3442	741.388	838.341	-0.004076	-0.008583	29.5171	-0.011875
4.71434	80.2419	84.3442	741.845	838.478	-0.004076	-0.004375	29.7144	-0.012813
4.71534	79.8951	84.8178	741.845	839.024	0.02038	-0.008583	29.9812	-0.008083
4.71634	79.9885	84.481	742.188	838.341	0.044837	-0.005313	29.7838	-0.011875
4.71734	80.1052	84.481	742.53	838.815	-0.004076	-0.008875	29.8851	-0.010313
4.71834	79.5584	83.9339	742.188	838.478	-0.004076	-0.005313	29.8131	-0.011563
4.71934	79.8951	84.8178	741.16	838.205	-0.004076	-0.008583	29.5884	-0.01125
4.72034	79.4217	84.8178	741.845	837.785	-0.004076	-0.00825	29.7838	-0.010825
4.72134	79.8318	84.481	740.817	837.112	-0.040761	-0.009888	29.1223	-0.014083
4.72234	80.2419	83.7971	741.845	838.478	0.018304	-0.005938	29.5884	-0.010825
4.72334	80.2419	84.3442	741.845	838.341	-0.004076	-0.008438	29.8825	-0.008083
4.72434	79.8951	84.3442	741.845	837.932	-0.004076	-0.008875	29.5884	-0.010825
4.72534	79.9885	84.3442	742.073	838.478	-0.004076	-0.004375	29.8851	-0.013125
4.72634	79.8951	84.2074	741.845	838.205	0.018304	-0.008875	29.5884	-0.011563
4.72734	80.1052	84.3442	741.845	837.932	-0.004076	-0.008583	29.5884	-0.010313
4.72834	79.5584	84.0706	742.188	837.932	-0.004076	-0.008583	29.4877	-0.010313
4.72934	79.8318	83.8803	741.845	838.088	-0.008152	-0.007188	29.5884	-0.010313
4.73034	79.9885	84.3442	742.302	838.088	-0.004076	-0.004688	29.7144	-0.011875
4.73134	79.5584	83.7971	741.845	837.858	-0.004076	-0.008583	29.8851	-0.012813

4.73234	79.5584	83.8803	742.188	837.112	-0.012228	-0.008125	29.3197	-0.010313
4.73334	79.6951	84.3442	741.845	837.112	-0.004078	-0.007188	29.5864	-0.012813
4.73434	79.9685	84.3442	742.53	837.932	-0.004078	-0.006563	29.7638	-0.010825
4.73534	79.8951	83.7971	741.845	837.858	-0.004078	-0.005938	29.5864	-0.012813
4.73634	79.9685	84.481	742.188	837.249	-0.004078	-0.002188	29.5864	-0.010938
4.73734	79.8951	84.3442	742.53	837.522	-0.004078	-0.005313	29.5171	-0.0125
4.73834	80.2419	84.3442	741.616	837.932	-0.004078	-0.006875	29.5864	-0.01125
4.73934	79.9685	84.3442	741.616	837.385	0.028532	-0.005313	29.4184	-0.012813
4.74034	79.5584	83.7971	741.502	837.249	-0.004078	-0.00825	29.7638	-0.011583
4.74134	80.2419	84.3442	741.388	838.839	-0.004078	-0.005313	29.8625	-0.010825
4.74234	79.8951	84.0706	741.16	838.702	-0.004078	-0.006583	29.4184	-0.010938
4.74334	79.9685	84.481	742.53	838.019	-0.028532	-0.007813	29.4677	-0.010938
4.74434	79.8951	84.3442	741.16	838.839	-0.008152	-0.006583	29.369	-0.011563
4.74534	79.8318	84.481	742.188	838.839	-0.004078	-0.005313	29.8851	-0.012188
4.74634	79.8951	84.3442	741.616	838.839	-0.004078	-0.006583	29.5864	-0.011563
4.74734	79.4217	84.2074	741.388	838.702	0.024456	-0.005313	29.221	-0.011875
4.74834	79.8951	84.3442	742.073	838.976	-0.004078	-0.007188	29.4677	-0.011563
4.74934	79.5584	84.3442	741.845	838.839	-0.004078	-0.0075	29.3197	-0.011563
4.75034	79.9685	84.8913	741.616	837.112	-0.004078	-0.006583	29.4677	-0.010938
4.75134	79.4217	84.3442	741.845	838.702	-0.004078	-0.008438	29.3197	-0.010825
4.75234	79.9685	84.2074	741.388	837.522	-0.004078	-0.006583	29.7638	-0.011563
4.75334	79.8951	84.6178	741.616	835.61	-0.004078	-0.007188	29.2703	-0.010938
4.75434	80.5153	84.2074	741.845	838.293	-0.004078	-0.005313	29.2703	-0.010938
4.75534	80.5153	84.6178	741.274	838.429	-0.008152	-0.00825	29.6884	-0.011563
4.75634	80.1052	84.6178	741.845	837.385	0.018304	-0.006583	29.2703	-0.011563
4.75734	80.1052	84.6178	741.845	838.429	-0.004078	-0.005938	29.5864	-0.010313
4.75834	79.9685	84.6178	741.616	838.293	-0.004078	-0.005825	29.3197	-0.010313
4.75934	80.2419	84.3442	740.931	835.2	-0.008152	-0.004888	29.369	-0.011875
4.76034	79.8951	84.6178	741.502	838.293	-0.012228	-0.006583	29.4677	-0.010313
4.76134	79.9685	84.481	741.616	835.746	-0.004078	-0.006583	29.369	-0.011563
4.76234	79.9685	85.1849	741.616	835.61	-0.004078	-0.006583	29.4184	-0.010313
4.76334	79.9685	84.481	741.16	838.839	-0.008152	-0.007813	29.3197	-0.011563
4.76434	79.8318	84.0706	741.388	834.927	-0.004078	-0.00825	29.4677	-0.010938
4.76534	79.8951	83.7971	742.073	835.746	-0.004078	-0.007188	29.1716	-0.009063
4.76634	80.2419	84.481	741.845	835.337	-0.004078	-0.007813	29.2703	-0.011875
4.76734	79.9685	84.3442	741.845	834.927	-0.004078	-0.007813	29.6651	-0.011563
4.76834	79.5584	83.9339	741.845	835.337	-0.004078	-0.006563	29.3197	-0.012188
4.76934	79.8318	84.3442	741.731	834.654	-0.004078	-0.001875	29.2703	-0.011563
4.77034	80.2419	84.481	741.845	835.473	-0.004078	-0.005313	29.4677	-0.011563
4.77134	79.8951	84.6178	741.616	835.063	-0.004078	-0.00625	29.3197	-0.010313
4.77234	79.4217	84.3442	741.388	834.654	0.024456	-0.005825	29.1716	-0.010938
4.77334	79.8318	84.481	741.731	835.2	-0.004078	-0.006875	29.1716	-0.009688
4.77434	79.9685	84.3442	741.388	835.063	-0.004078	-0.007188	29.9743	-0.012813
4.77534	79.9685	84.3442	741.388	835.063	-0.004078	-0.007813	29.9743	-0.011563
4.77634	80.1052	84.3442	742.302	834.654	-0.004078	-0.007188	29.1716	-0.008438
4.77734	79.8318	84.6178	740.703	834.38	-0.004078	-0.007188	29.1716	-0.010938
4.77834	79.8951	83.7971	741.274	834.38	-0.02038	-0.006875	29.073	-0.012813
4.77934	79.9685	84.0706	741.388	835.063	-0.004078	-0.005313	29.3197	-0.011563
4.78034	80.5153	84.2074	741.731	835.473	-0.004078	-0.005313	29.1716	-0.010825
4.78134	79.8318	84.3442	741.274	834.654	-0.004078	-0.005313	29.1223	-0.009688
4.78234	79.8951	84.2074	741.388	834.654	-0.004078	-0.006583	29.1716	-0.010938
4.78334	79.8318	84.3442	741.502	834.654	0.044837	-0.005313	29.0236	-0.013125

4.78434	79.9685	84.0706	741.388	834.654	-0.004076	-0.007188	28.9743	-0.012188
4.78534	80.2419	84.3442	741.274	834.927	-0.004076	-0.007188	29.073	-0.013125
4.78634	80.2419	84.6178	741.274	833.424	-0.004076	-0.006563	29.1716	-0.010938
4.78734	79.9951	84.3442	742.302	834.107	-0.004076	-0.006563	29.073	-0.010313
4.78834	79.5584	84.0706	740.931	834.654	-0.004076	-0.00625	29.073	-0.012813
4.78934	79.9685	84.0706	740.931	834.107	-0.004076	-0.006563	29.5171	-0.010313
4.79034	80.1052	84.481	741.16	834.38	-0.012228	-0.006875	28.8758	-0.012188
4.79134	80.5153	84.6178	741.274	834.107	-0.004076	-0.006563	28.9249	-0.011563
4.79235	79.9685	84.481	741.388	833.581	-0.004076	-0.005838	29.2703	-0.011563
4.79335	80.2419	84.481	741.616	834.107	-0.004076	-0.006438	28.9743	-0.010938
4.79435	80.1052	84.481	741.388	833.424	0.024456	-0.005838	28.9743	-0.011563
4.79535	79.9685	84.3442	741.045	833.424	-0.004076	-0.005313	29.1716	-0.010938
4.79635	79.5584	84.481	741.616	834.854	0.024456	-0.005938	29.0238	-0.010625
4.79735	80.2419	84.3442	741.616	832.878	-0.004076	-0.005625	29.0238	-0.01125
4.79835	80.1052	84.6178	741.388	833.015	-0.004076	-0.007813	28.9743	-0.00875
4.79935	79.9951	84.0706	741.731	833.834	-0.004076	-0.007813	28.9249	-0.011563
4.80035	80.2419	84.481	741.731	833.288	-0.004076	-0.005825	28.969	-0.010938
4.80135	79.9951	84.0706	741.274	833.288	0.028532	-0.005838	29.073	-0.011563
4.80235	80.2419	84.3442	740.931	833.015	-0.004076	-0.006563	28.8262	-0.012813
4.80335	79.9685	84.3442	741.731	833.581	0.02038	-0.005838	29.073	-0.010313
4.80435	80.2419	84.3442	741.274	833.288	-0.004076	-0.005838	29.073	-0.010313
4.80535	80.2419	84.3442	741.388	833.581	0.040761	-0.00625	29.1716	-0.010625
4.80635	79.9685	84.2074	741.274	833.015	-0.004076	-0.005838	28.9249	-0.012813
4.80735	79.5584	84.6178	741.16	833.424	-0.004076	-0.005313	28.7769	-0.012813
4.80835	79.9685	84.3442	740.931	832.195	-0.028532	-0.006563	28.7769	-0.012188
4.80935	79.9685	84.6178	741.388	832.195	-0.028532	-0.006875	29.221	-0.009063
4.81035	79.9685	84.3442	740.817	832.332	-0.012228	-0.007188	28.6782	-0.012188
4.81135	80.2419	84.3442	740.931	831.822	-0.004076	-0.006563	28.9743	-0.010938
4.81235	79.9685	84.481	741.16	832.195	0.028532	-0.006563	28.9743	-0.012813
4.81335	79.9685	84.6178	741.274	832.741	-0.004076	-0.005825	28.9743	-0.010625
4.81435	79.5584	84.481	740.931	832.332	-0.004076	-0.005938	28.7769	-0.011563
4.81535	79.9951	83.9339	741.16	832.468	-0.004076	-0.006563	29.073	-0.011563
4.81635	80.1052	84.6178	740.931	832.468	0.024456	-0.006563	28.7275	-0.010938
4.81735	80.2419	84.481	740.703	832.059	-0.012228	-0.005938	28.7769	-0.010313
4.81835	79.9318	84.481	741.502	832.468	-0.004076	-0.006438	28.6782	-0.011563
4.81935	79.4217	84.3442	741.274	832.195	-0.004076	-0.006563	28.9249	-0.010625
4.82035	80.2419	84.3442	742.418	832.195	-0.004076	-0.005313	28.7769	-0.009063
4.82135	79.9318	84.3442	741.388	831.849	-0.004076	-0.00625	28.9249	-0.0125
4.82235	80.1052	84.6178	741.16	831.512	-0.004076	-0.005838	28.9743	-0.009688
4.82335	80.1052	84.3442	741.845	832.059	0.028532	-0.00625	28.9743	-0.010313
4.82435	80.2419	85.1649	740.703	831.512	-0.004076	-0.006875	28.8758	-0.010938
4.82535	80.1052	84.8913	740.931	831.512	-0.004076	-0.004888	28.9249	-0.010313
4.82635	79.4217	84.6178	741.845	831.922	0.032609	-0.007188	28.7275	-0.011875
4.82735	79.9951	84.481	740.931	831.102	0.028532	-0.006563	28.7769	-0.012188
4.82835	79.9685	84.3442	740.703	831.849	-0.004076	-0.00625	28.8262	-0.013438
4.82935	80.5153	84.481	740.474	831.922	-0.004076	-0.005313	28.9249	-0.010313
4.83035	79.9685	85.1649	740.703	830.556	-0.004076	-0.006563	28.7275	-0.010938
4.83135	79.9951	84.481	740.817	831.922	-0.004076	-0.005938	28.7275	-0.010938
4.83235	79.9685	84.2074	741.845	831.102	-0.004076	-0.004063	28.6782	-0.011563
4.83335	79.9685	84.6178	740.931	830.986	-0.004076	-0.007188	29.369	-0.011875
4.83435	80.2419	84.6178	740.703	830.283	-0.004076	-0.005825	28.7769	-0.012188
4.83535	80.6521	84.3442	740.931	830.829	-0.004076	-0.006563	28.6782	-0.010938

4.83635	79.9885	83.9339	740.703	830.283	-0.004076	-0.005838	28.5302	-0.010838
4.83735	80.8521	84.481	740.931	830.283	-0.004076	-0.006583	28.5795	-0.010838
4.83835	79.8318	84.3442	740.703	830.828	0.040761	-0.006583	28.8756	-0.010838
4.83935	80.2419	84.481	740.817	830.893	-0.016304	-0.006875	28.7769	-0.01125
4.84035	80.1052	84.481	741.845	830.828	-0.004076	-0.005838	28.6289	-0.012188
4.84135	79.6951	84.0706	740.931	830.283	-0.004076	-0.007813	28.8756	-0.011583
4.84235	80.2419	84.3442	741.845	830.01	-0.004076	-0.005313	28.8282	-0.008375
4.84335	79.9885	84.6178	740.703	829.737	-0.028532	-0.0075	28.6289	-0.012813
4.84435	79.9885	84.2074	740.017	829.8	0.018304	-0.0075	28.7275	-0.012188
4.84535	80.2419	84.481	740.931	830.283	-0.004076	-0.006875	28.8756	-0.012188
4.84635	79.9885	84.0706	740.703	829.737	-0.004076	-0.007188	28.7275	-0.01125
4.84735	80.2419	84.481	740.703	830.01	0.02038	-0.005825	28.9249	-0.011583
4.84835	79.9885	83.7971	740.474	829.6	-0.004076	-0.007813	28.5795	-0.01125
4.84935	79.9885	84.6178	740.474	829.464	0.044837	-0.006583	28.6289	-0.010825
4.85035	79.5584	84.6178	740.703	829.737	-0.02038	-0.005838	28.6289	-0.011875
4.85135	80.2419	84.6178	740.703	829.19	-0.018304	-0.007813	28.7275	-0.011583
4.85235	79.5584	84.3442	741.16	829.737	-0.004076	-0.006875	28.6782	-0.010825
4.85335	79.9885	83.7971	741.16	829.327	-0.004076	-0.008125	28.4808	-0.008438
4.85435	79.1483	84.2074	740.703	828.644	-0.004076	-0.005825	28.6782	-0.011583
4.85535	79.9885	84.8913	740.474	828.917	-0.004076	-0.006583	28.8282	-0.010938
4.85635	79.9885	84.481	740.703	829.19	-0.018304	-0.005825	28.8756	-0.010938
4.85735	79.9885	84.481	740.703	829.464	-0.004076	-0.005313	28.6782	-0.012188
4.85835	79.9885	84.0706	740.588	828.917	0.024456	-0.003438	28.7769	-0.010825
4.85935	79.4217	84.6178	741.16	829.19	-0.004076	-0.007813	28.7769	-0.011583
4.86035	79.9885	84.6178	740.931	828.917	0.024456	-0.006583	28.6782	-0.010313
4.86135	79.9885	84.481	740.38	829.054	-0.004076	-0.006583	28.8756	-0.010313
4.86235	80.2419	84.3442	740.931	829.464	-0.004076	-0.007813	28.8756	-0.010825
4.86335	80.8521	84.481	740.703	827.551	-0.004076	-0.006583	28.5795	-0.012813
4.86435	80.2419	84.3442	741.274	828.234	-0.004076	-0.006583	28.8756	-0.012813
4.86535	80.2419	84.481	740.931	828.098	-0.004076	-0.00825	28.5795	-0.011583
4.86635	80.2419	84.3442	740.017	828.098	-0.004076	-0.007813	28.5795	-0.012188
4.86735	79.9885	83.7971	740.474	828.098	-0.004076	-0.007813	28.8756	-0.01125
4.86835	79.9885	84.2074	740.931	828.098	-0.004076	-0.006583	28.5795	-0.012813
4.86935	80.2419	84.481	740.474	827.551	-0.004076	-0.001583	28.9249	-0.010313
4.87035	79.6951	83.8603	740.38	828.507	-0.004076	-0.007188	28.6782	-0.01125
4.87135	79.9885	84.6178	740.246	827.005	-0.004076	-0.006583	28.6289	-0.012188
4.87235	80.1052	84.6178	740.246	827.888	-0.004076	-0.007188	28.6782	-0.011583
4.87335	79.4217	84.2074	740.474	828.098	-0.004076	-0.007188	28.4315	-0.010838
4.87435	79.9885	84.6178	740.474	827.278	-0.004076	-0.007188	28.4808	-0.01375
4.87535	79.5584	84.3442	740.703	828.098	-0.004076	-0.005938	28.6289	-0.010313
4.87635	79.6951	84.3442	740.474	827.005	-0.004076	-0.007813	28.5795	-0.012813
4.87735	79.9885	83.7971	740.246	827.961	-0.004076	-0.005938	28.4808	-0.011583
4.87835	79.9885	84.8913	740.246	827.688	-0.004076	-0.006583	29.073	-0.010838
4.87935	79.4217	84.3442	740.703	827.551	-0.004076	-0.005313	28.6782	-0.012188
4.88035	79.5584	84.481	740.474	827.551	-0.004076	-0.00375	28.6289	-0.012188
4.88135	79.9885	84.481	740.017	827.142	-0.004076	-0.006583	28.6782	-0.009688
4.88235	80.1052	83.7971	740.132	827.551	0.081141	-0.005825	28.7769	-0.011583
4.88335	79.9885	84.3442	740.246	827.551	-0.024456	-0.007188	28.9249	-0.009688
4.88435	79.8318	84.6178	740.38	827.005	-0.02038	-0.00825	28.9249	-0.010625
4.88535	79.9885	84.481	739.789	826.595	-0.024456	-0.007188	28.8282	-0.010825
4.88635	79.9885	84.481	740.817	827.825	-0.004076	-0.005825	28.8756	-0.009063
4.88735	79.9885	84.481	739.56	825.912	-0.028532	-0.007813	28.5795	-0.013438

4.88835	80.5521	84.3442	739.789	826.459	0.018304	-0.006563	28.7769	-0.010938
4.88835	80.1052	84.3442	740.246	825.839	-0.004078	-0.005938	29.2703	-0.010825
4.89035	80.1052	84.6178	740.246	826.732	-0.004078	-0.005313	28.9249	-0.012813
4.89135	79.8951	84.481	740.474	826.459	0.02038	-0.00375	28.7769	-0.010938
4.89235	80.1052	84.3442	740.017	826.459	0.02038	-0.005938	28.6782	-0.012813
4.89335	79.8951	84.6178	740.703	825.912	0.040781	-0.008875	28.5795	-0.013438
4.89435	80.1052	84.3442	740.703	826.186	-0.012228	-0.008875	28.8758	-0.010938
4.89535	80.1052	84.6178	739.789	826.459	-0.012228	-0.008875	28.6782	-0.011563
4.89635	79.4217	84.3442	740.474	826.186	-0.004078	-0.006563	28.5795	-0.011563
4.89735	79.9885	84.3442	740.474	825.776	-0.004078	-0.006563	28.9249	-0.010313
4.89835	79.8951	84.3442	741.16	825.229	-0.018304	-0.008438	28.4808	-0.011563
4.89835	79.9885	84.6178	739.903	825.912	0.024458	-0.006563	28.8758	-0.011563
4.90035	80.2419	84.6178	740.474	826.186	-0.004078	-0.005938	29.0238	-0.011875
4.90135	79.8318	84.3442	740.474	825.912	-0.004078	-0.007813	28.8262	-0.010938
4.90235	80.1052	84.481	739.789	825.912	-0.004078	-0.00375	28.8758	-0.010938
4.90335	79.5584	84.3442	740.588	825.912	0.028532	-0.006563	28.6782	-0.010938
4.90435	80.8521	84.3442	740.36	825.776	-0.004078	-0.006875	28.7275	-0.009888
4.90535	80.2419	84.6178	740.017	825.839	-0.004078	-0.005938	28.7769	-0.011563
4.90635	80.1052	84.6178	740.017	826.469	-0.004078	-0.006563	28.9743	-0.010625
4.90735	79.8318	83.7971	740.017	825.839	-0.004078	-0.005938	28.8758	-0.010313
4.90835	80.2419	83.9339	740.474	825.366	0.028532	-0.005313	28.9743	-0.011563
4.90935	79.9885	84.3442	739.58	824.273	-0.028532	-0.009063	28.1847	-0.014375
4.91035	79.9885	84.0708	739.58	825.503	0.02038	-0.006625	28.8758	-0.013125
4.91135	79.9885	84.3442	740.474	825.776	-0.004078	-0.005938	29.1718	-0.011563
4.91235	79.9885	84.3442	739.789	825.093	-0.004078	-0.005938	28.7769	-0.012813
4.91335	80.2419	84.6178	740.474	824.956	-0.004078	-0.003125	28.7769	-0.011875
4.91435	80.2419	84.2074	739.875	825.229	-0.004078	-0.007188	28.9249	-0.010313
4.91535	79.8951	84.2074	739.58	825.503	0.036886	-0.006563	28.9249	-0.010313
4.91635	80.1052	84.6178	739.903	824.883	0.02038	-0.007188	28.9249	-0.01125
4.91735	80.2419	84.0708	739.789	825.366	-0.004078	-0.006875	28.9249	-0.012813
4.91835	79.9885	84.481	739.875	825.366	-0.02038	-0.007813	28.7769	-0.012188
4.91935	80.1052	84.6178	740.017	824	-0.004078	-0.006563	28.9249	-0.010938
4.92035	79.8318	84.3442	739.989	823.044	-0.032609	-0.009888	28.4315	-0.013438
4.92135	80.5153	84.481	739.332	823.864	-0.004078	-0.008438	28.7769	-0.011563
4.92235	80.2419	84.0708	740.246	824.547	-0.004078	-0.006563	29.1718	-0.01125
4.92335	79.9885	84.3442	740.017	824.273	-0.004078	-0.005313	28.9249	-0.008125
4.92435	80.1052	84.6178	739.789	824.137	-0.004078	-0.004888	28.8758	-0.010825
4.92535	80.1052	84.481	740.017	824.137	-0.012228	-0.0075	28.7769	-0.012813
4.92635	79.9885	84.2074	740.017	824.82	0.061141	-0.005938	28.7275	-0.011563
4.92735	79.8951	84.2074	739.58	824.137	-0.02038	-0.008438	28.8262	-0.010625
4.92835	80.1052	84.6178	740.017	824.82	-0.004078	-0.005938	28.8758	-0.010825
4.92935	80.1052	84.3442	740.017	824.273	-0.02038	-0.008875	29.2703	-0.010938
4.93035	80.1052	84.2074	739.789	824.273	-0.004078	-0.00625	28.6289	-0.011563
4.93135	80.2419	84.481	739.448	822.634	-0.044837	-0.010938	28.5795	-0.011563
4.93235	80.2419	84.3442	739.903	824.273	-0.004078	-0.005825	28.7275	-0.012188
4.93335	79.8951	84.3442	739.58	824.273	-0.004078	-0.00625	29.4184	-0.011875
4.93435	80.1052	84.481	739.789	824	-0.004078	-0.005313	28.7769	-0.0125
4.93535	80.5153	84.3442	740.017	824.82	-0.004078	-0.004083	29.0238	-0.010938
4.93635	80.2419	84.3442	739.903	824.273	0.02038	-0.007813	29.1223	-0.011563
4.93735	79.9885	84.0708	739.58	824.547	-0.004078	-0.006563	28.9743	-0.01125
4.93835	80.1052	83.9339	739.58	823.69	-0.004078	-0.007813	29.1718	-0.011563
4.93935	80.1052	85.0281	739.789	823.727	-0.024458	-0.005313	29.1718	-0.010938

4.94038	79.8318	83.9339	739.56	824.41	-0.004076	-0.00825	29.073	-0.010825
4.94138	79.9685	84.6178	739.218	823.317	-0.004076	-0.008875	29.1716	-0.009688
4.94238	79.8951	84.481	739.332	821.542	-0.044837	-0.010313	28.8782	-0.014063
4.94338	80.7888	84.3442	739.332	823.454	-0.004076	-0.007813	28.9249	-0.013125
4.94438	80.1052	83.5236	739.332	823.181	-0.004076	-0.008875	29.7144	-0.010825
4.94538	79.8318	84.0708	739.332	822.771	-0.004076	-0.008125	28.7769	-0.010938
4.94638	80.2419	84.2074	739.104	823.317	0.02038	-0.0025	28.9743	-0.01375
4.94738	80.2419	84.2074	739.56	822.771	-0.004076	-0.00625	29.1716	-0.010313
4.94838	80.1052	84.6178	739.218	822.834	0.044837	-0.006663	28.9743	-0.011563
4.94938	79.8318	83.9339	739.789	823.727	-0.004076	-0.005313	28.8262	-0.010938
4.95038	79.8318	84.6178	739.104	822.771	-0.004076	-0.007813	29.073	-0.012188
4.95138	79.8951	84.3442	739.789	823.044	-0.008152	-0.007188	28.8758	-0.012188
4.95238	79.9685	84.6178	740.017	823.181	-0.004076	-0.008875	29.1223	-0.010938
4.95338	79.8951	84.2074	739.332	822.771	-0.016304	-0.008125	29.1223	-0.01125
4.95438	80.2419	84.6178	739.104	822.908	-0.008152	-0.008875	29.1716	-0.012813
4.95538	79.9685	84.6178	739.446	822.225	-0.028532	-0.008563	29.5684	-0.010825
4.95638	80.1052	84.0708	739.332	822.908	0.028532	-0.005313	29.1716	-0.010313
4.95738	79.9685	84.0708	739.332	822.908	0.02038	-0.005838	29.1223	-0.010313
4.95838	80.1052	84.0708	739.789	823.044	-0.004076	-0.005313	29.1223	-0.012813
4.95938	80.2419	84.481	739.104	822.488	-0.004076	-0.008438	29.0236	-0.011563
4.96038	80.1052	84.481	739.446	823.044	0.028532	-0.005625	29.0236	-0.010938
4.96138	80.1052	85.0281	739.789	822.225	-0.004076	-0.008563	29.2703	-0.010825
4.96238	80.1052	84.6913	739.104	823.454	-0.004076	-0.00625	29.2703	-0.01125
4.96338	80.5153	84.2074	739.332	822.088	-0.004076	-0.005838	28.9743	-0.010313
4.96438	80.1052	84.481	738.647	820.995	-0.016304	-0.007813	29.0236	-0.010938
4.96538	80.2419	84.3442	739.104	822.225	-0.004076	-0.00825	29.221	-0.011563
4.96638	80.2419	84.2074	739.56	822.088	-0.004076	-0.008875	29.1716	-0.011563
4.96738	80.2419	84.6178	738.875	821.815	-0.004076	-0.008083	28.8758	-0.011563
4.96838	80.1052	84.3442	739.446	822.088	-0.004076	-0.002813	29.1223	-0.011563
4.96938	80.1052	84.6178	739.104	821.951	-0.004076	-0.007813	29.1223	-0.012813
4.97038	80.2419	85.1649	739.104	822.088	-0.004076	-0.0075	29.369	-0.011563
4.97138	80.2419	84.3442	738.875	822.834	0.040781	-0.00825	29.2703	-0.011563
4.97238	80.2419	84.6178	739.104	822.361	-0.004076	-0.005825	29.221	-0.011563
4.97338	80.2419	84.6178	738.875	821.542	-0.004076	-0.005825	29.221	-0.010313
4.97438	80.2419	84.3442	739.875	822.088	-0.004076	-0.005825	29.1716	-0.010938
4.97538	80.1052	84.6178	740.817	822.088	-0.004076	-0.008563	29.221	-0.009063
4.97638	80.2419	84.6178	738.875	821.542	-0.004076	-0.0075	28.8262	-0.012813
4.97738	80.2419	84.3442	739.332	822.498	0.024458	-0.005313	29.221	-0.01125
4.97838	80.1052	84.6178	739.104	821.542	-0.012228	-0.005313	28.9743	-0.011875
4.97938	80.5153	84.6178	738.875	821.542	-0.004076	-0.004375	29.1223	-0.010825
4.98038	80.2419	84.481	739.218	820.995	-0.004076	-0.005313	29.1716	-0.012813
4.98138	80.2419	84.3442	739.446	822.088	-0.004076	-0.008563	29.221	-0.010825
4.98238	80.2419	84.3442	738.989	821.542	0.036685	-0.008875	29.073	-0.010825
4.98338	79.4217	84.2074	738.989	821.289	-0.012228	-0.008563	29.1716	-0.012188
4.98438	80.2419	84.3442	739.56	822.908	-0.004076	-0.005838	28.9743	-0.010938
4.98538	79.8318	84.0708	739.104	820.995	-0.004076	-0.005838	28.8758	-0.012188
4.98638	80.2419	85.0281	740.017	821.289	0.028532	-0.005313	29.2703	-0.010313
4.98738	79.8951	84.3442	738.647	820.722	-0.004076	-0.0075	29.073	-0.011875
4.98838	80.2419	84.3442	738.647	821.289	0.032609	-0.005313	29.7838	-0.012813
4.98938	79.8318	84.0708	739.104	820.449	-0.004076	-0.005313	29.1716	-0.010938
4.99038	79.9685	84.3442	738.989	820.995	-0.004076	-0.005625	29.1716	-0.012813
4.99138	79.8951	84.481	739.56	821.542	-0.004076	-0.007813	29.221	-0.011563

4.99238	80.1052	84.2074	738.875	820.859	0.038885	-0.007188	29.1716	-0.012188
4.99338	80.5153	84.3442	739.218	820.722	-0.004076	-0.007188	28.9743	-0.010626
4.99438	79.5584	84.3442	738.875	820.722	-0.004076	-0.005313	29.1716	-0.010938
4.99538	80.2419	84.3442	738.875	821.269	-0.004076	-0.005938	29.2703	-0.010938
4.99638	80.2419	84.8178	739.104	820.313	-0.004076	-0.006563	29.2703	-0.010938
4.99738	80.1052	84.8178	739.58	820.449	-0.004076	-0.00625	29.1716	-0.010313
4.99838	79.9885	84.3442	738.875	819.83	-0.012228	-0.006563	29.1716	-0.011563

0	74.7756	81.3356	16.3332	7.10227	31.2348	0.024063	-0.237799	5.21584
0.001	75.0488	81.1889	16.3332	8.19493	30.9251	0.023125	-0.533887	5.21158
0.002	74.7756	81.3356	16.5616	7.82177	30.8438	0.023438	-0.681901	5.21489
0.003	74.7756	81.0622	16.5616	8.05835	30.2444	0.022188	-0.681901	5.20251
0.004	74.7756	81.0622	16.1047	7.37544	29.4862	0.023438	-0.632557	5.17761
0.005	74.7756	81.0622	16.79	7.37544	28.561	0.023125	-0.681901	5.15781
0.006	74.5024	81.1889	16.1047	8.05835	29.0338	0.02125	-0.632557	5.19084
0.007001	74.7756	81.3356	16.6758	7.51202	29.2987	0.022188	-0.632557	5.22489
0.008001	74.639	81.3356	17.0185	7.78518	29.6941	0.021563	-0.632557	5.21844
0.009001	74.7756	81.1889	15.9905	7.10227	29.9878	0.021563	-0.829936	5.21344
0.010001	74.639	81.1889	16.3332	8.82911	29.9916	0.022188	-0.632557	5.21084
0.011001	74.7756	81.6091	16.1047	7.51202	30.0385	0.022188	-0.533887	5.21344
0.012001	74.7756	81.6091	16.79	8.05835	30.1384	0.021875	-0.731248	5.21908
0.013001	74.7756	81.7458	15.8763	7.6486	29.8979	0.025313	-0.435178	5.21812
0.014001	74.639	81.1889	16.3332	7.10227	29.5881	0.023438	-0.533887	5.21656
0.015001	74.7756	80.6521	15.8763	8.05835	28.3395	0.022188	-0.583212	5.21489
0.016001	74.639	81.3356	15.8763	7.92177	28.7403	0.022188	-0.632557	5.21812
0.017001	74.639	81.3356	15.8763	8.60488	29.0501	0.022188	-0.829936	5.21718
0.018001	74.9122	80.6521	16.1047	7.78518	29.7512	0.02125	-0.533887	5.19344
0.019001	74.5024	81.1889	16.3332	7.92177	30.2851	0.024063	-0.583212	5.18989
0.020001	74.7756	81.3356	16.79	7.51202	30.493	0.023438	-0.484523	5.15631
0.021002	74.9122	81.4724	15.9905	7.51202	30.658	0.022188	-0.435178	5.21219
0.022002	74.7756	81.4724	16.5616	8.19493	31.0088	0.022813	-0.731248	5.22156
0.023002	74.7756	81.6091	16.1047	7.92177	30.782	0.022188	-0.632557	5.21812
0.024002	74.3858	81.1889	16.4474	8.48809	30.8234	0.025	-0.435178	5.21408
0.025002	74.9122	81.6091	16.2189	8.19493	30.4198	0.023438	-0.632557	5.21167
0.026002	75.0488	81.3356	16.1047	7.92177	29.7512	0.022188	-0.484523	5.21806
0.027002	74.9122	81.0622	16.2189	7.37544	29.2783	0.018375	-0.632557	5.21806
0.028002	74.7756	81.3356	16.3332	8.42417	28.5283	0.024063	-0.533887	5.21781
0.029002	74.7756	80.7888	16.3332	7.51202	28.2349	0.022188	-0.632557	5.21584
0.030002	74.7756	81.3356	16.1047	8.19493	28.8278	0.0225	-0.435178	5.21844
0.031002	74.7756	81.8828	15.4184	6.41836	29.3232	0.020313	-0.829936	5.21837
0.032002	74.639	81.0622	16.2189	7.92177	29.388	0.023125	-0.632557	5.21281
0.033002	74.639	81.1889	16.1047	7.78518	29.8941	0.022813	-0.435178	5.18718
0.034002	74.639	81.0622	16.2189	7.6486	29.8653	0.022188	-0.829936	5.18489
0.035003	74.7756	81.3356	16.2189	7.51202	28.5555	0.024688	-0.681901	5.18844
0.036003	74.639	80.7888	15.8763	7.6486	28.5718	0.021875	-0.731248	5.22781
0.037003	74.7756	81.3356	16.3332	7.6486	28.4008	0.022188	-0.731248	5.21531
0.038003	74.639	81.1889	16.3332	7.51202	28.6058	0.022188	-0.829936	5.21489
0.039003	74.5024	80.7888	15.8763	7.23885	28.7525	0.020938	-0.435178	5.21781
0.040003	74.639	81.3356	16.5616	7.78518	29.4577	0.022188	-0.484523	5.22156
0.041003	74.7756	81.0622	16.3332	7.37544	29.9957	0.020938	-0.484523	5.22312
0.042003	74.639	81.0622	16.2189	6.41836	30.5582	0.018438	-0.87928	5.21889
0.043003	74.5024	80.7888	15.191	6.98589	30.7743	0.02125	-0.533887	5.21625
0.044003	74.0826	81.0622	16.3332	8.33151	31.0718	0.022813	-0.336488	5.21844
0.045003	74.7756	80.6521	15.9905	7.10227	30.6153	0.022188	-0.829936	5.22219
0.046003	74.3858	80.7888	15.8763	7.37544	31.0718	0.024375	-0.583212	5.22084
0.047003	75.1854	81.1889	16.1047	7.10227	30.974	0.022813	-0.533887	5.20469
0.048004	74.7756	81.3356	15.8763	6.98589	30.1914	0.023438	-0.829936	5.17868
0.049004	74.2282	81.3356	16.1047	7.78518	30.1588	0.024375	-0.484523	5.18408
0.050004	74.9122	81.3356	16.3332	9.151	28.3436	0.022188	-0.435178	5.18281
0.051004	74.639	81.3356	16.1047	7.78518	28.5528	0.0225	-0.533887	5.23344

0.052004	74.839	81.3358	16.3332	7.51202	28.883	0.021583	-0.484523	5.21531
0.053004	74.7758	81.3358	14.9825	8.41936	29.4169	0.018125	-0.928825	5.21781
0.054004	74.2282	81.3358	16.1047	8.33151	29.6452	0.022813	-0.287144	5.21844
0.055004	74.5024	81.8091	15.8783	8.46809	29.8853	0.023438	-0.533887	5.21989
0.056004	74.7758	81.3358	15.7821	7.8488	29.9305	0.022188	-0.731248	5.21989
0.057004	74.9122	81.1989	14.9825	7.78518	29.8816	0.025938	-0.484523	5.21719
0.058004	74.839	81.1989	16.3332	7.78518	29.8831	0.021875	-0.829938	5.22187
0.059004	74.7758	81.4724	16.8758	8.33151	29.2906	0.022188	-0.780591	5.22469
0.060004	74.7758	81.8826	15.8783	7.92177	29.1805	0.021583	-0.533887	5.22125
0.061004	74.5024	81.8826	15.4194	7.8488	28.8628	0.019698	-0.681901	5.21937
0.062005	74.839	81.3358	16.3332	8.05835	28.9808	0.0225	-0.681901	5.19844
0.063005	74.5024	80.7888	15.8783	7.51202	30.0448	0.023438	-0.435178	5.18313
0.064005	74.839	81.8826	15.8478	8.55594	30.4522	0.02125	-0.87928	5.18469
0.065005	74.839	81.8091	15.8478	8.05835	30.8232	0.023438	-0.533887	5.19719
0.066005	74.5024	81.3358	15.8478	7.92177	31.2267	0.022188	-0.237799	5.22719
0.067005	74.7758	81.1989	15.8478	7.37544	31.5406	0.022813	-0.632557	5.21281
0.068005	75.0488	81.3358	15.7821	7.8488	31.4878	0.024688	-0.435178	5.22094
0.069005	74.839	81.3358	16.1047	7.78518	31.7403	0.021583	-0.632557	5.21989
0.070005	74.3858	81.1989	16.5818	7.51202	31.4753	0.022813	-0.632557	5.22158
0.071005	74.7758	81.8091	15.4194	7.23885	30.7213	0.021583	-0.681901	5.21812
0.072005	74.5024	81.3358	15.4194	8.82911	30.1099	0.0225	-0.435178	5.21719
0.073005	75.0488	81.3358	15.8478	7.8488	28.8751	0.021875	-0.533887	5.21969
0.074005	74.7758	81.3358	15.7821	7.10227	29.2131	0.023438	-0.632557	5.21844
0.075005	74.839	81.1989	14.3914	5.73845	29.8897	0.018438	-1.02731	5.21469
0.076006	74.7758	81.1989	15.9905	7.51202	29.8061	0.022188	-0.632557	5.21158
0.077006	74.7758	81.1989	16.1047	7.51202	29.9142	0.023125	-0.188454	5.19469
0.078006	74.7758	81.3358	16.2189	8.05835	30.1914	0.025313	-0.681901	5.17562
0.079006	74.839	81.3358	15.8478	7.51202	29.8284	0.023438	-0.533887	5.15989
0.080006	74.5024	81.1989	16.3332	8.05835	29.959	0.022813	-0.484523	5.20989
0.081006	74.5024	81.1989	15.7821	7.51202	29.8123	0.0225	-0.829938	5.21781
0.082006	74.5024	81.3358	15.7821	6.96589	28.8544	0.022188	-0.632557	5.21375
0.083006	74.839	81.3358	15.4194	8.19483	28.7382	0.024063	-0.583212	5.21719
0.084006	74.5024	81.1989	15.7821	8.05835	28.4917	0.022188	-0.583212	5.21408
0.085006	74.5024	81.3358	15.8783	8.96589	28.8055	0.0225	-0.632557	5.21281
0.086006	74.839	81.0622	14.9825	5.87303	29.9488	0.018438	-1.17535	5.20989
0.087006	74.7758	81.3358	15.8478	8.05835	29.9305	0.021583	-0.533887	5.21582
0.088006	74.9122	81.0622	15.7821	7.8488	30.1995	0.022813	-0.338488	5.21658
0.089006	74.9122	81.3358	15.8478	7.23885	31.19	0.021583	-0.681901	5.21825
0.090007	74.839	81.4724	15.8783	7.8488	30.8028	0.027188	-0.632557	5.20989
0.091007	75.0488	81.3358	15.7821	7.78518	31.1044	0.02375	-0.731248	5.20813
0.092007	74.5024	81.1989	15.8783	7.92177	31.4876	0.022188	-0.632557	5.19158
0.093007	74.0928	81.0622	15.8783	7.78518	30.5419	0.025313	-0.632557	5.18844
0.094007	74.7758	80.7888	15.5338	7.78518	29.637	0.022188	-0.484523	5.15719
0.095007	74.839	81.3358	16.3332	8.01442	28.8914	0.025313	-0.435178	5.21084
0.096007	74.2282	81.3358	15.8783	7.37544	28.8137	0.023438	-0.832657	5.21125
0.097007	74.7758	81.3358	16.8758	8.69253	29.8775	0.019698	-0.781248	5.21594
0.098007	74.839	81.3358	15.8478	7.23885	29.9631	0.021583	-0.533887	5.21187
0.099007	74.839	81.3358	15.8783	7.78518	29.8245	0.022813	-0.13911	5.21158
0.100007	74.9122	81.0622	15.9905	7.51202	30.4482	0.022813	-0.832557	5.21082
0.101007	74.5024	81.7458	15.7821	7.8488	30.1425	0.024375	-0.533887	5.21084
0.102007	75.3221	81.0622	15.9905	7.78518	29.8734	0.023438	-0.681901	5.21344
0.103007	74.839	81.3358	16.2189	7.37544	30.1282	0.022813	-0.780591	5.21312

0.104007	74.7756	81.8828	15.9905	8.05835	29.3825	0.023125	-0.731246	5.20969
0.105008	74.3858	81.3358	16.1047	7.51202	28.7485	0.020825	-0.780591	5.20969
0.106008	74.2292	81.3358	16.1047	8.33151	28.7688	0.0225	-0.435178	5.20564
0.107008	74.5024	81.3358	16.1047	7.23885	28.186	0.021583	-0.731246	5.18489
0.108008	74.7756	81.0622	15.8783	6.41936	28.512	0.018125	-0.780591	5.16469
0.109008	74.5024	81.3358	15.4194	7.78518	29.6126	0.022188	-0.97797	5.15156
0.110008	75.0488	81.0622	16.1047	7.6486	29.7675	0.023438	-0.435178	5.21219
0.111008	74.0926	81.1989	15.9905	7.78518	30.2974	0.022188	-0.681901	5.21406
0.112008	74.5024	81.7458	15.3052	6.98569	30.7906	0.023438	-0.681901	5.21594
0.113008	74.3858	81.3358	15.7621	6.98569	31.0555	0.022188	-0.435178	5.21344
0.114008	74.639	81.3358	15.8783	7.51202	30.6479	0.021875	-0.484523	5.20969
0.115008	74.639	81.3358	16.3332	8.05835	30.9414	0.02375	-0.681901	5.21344
0.116008	74.3858	81.4724	15.3052	6.82911	30.782	0.02125	-0.484523	5.21781
0.117008	74.639	81.3358	16.3332	7.78518	28.6889	0.020938	-0.287144	5.21844
0.118008	74.639	81.3358	16.3332	7.10227	28.3327	0.021583	-0.829938	5.21344
0.119009	74.5024	81.3358	17.1327	7.6486	29.5311	0.022188	-0.435178	5.21625
0.120009	74.639	81.8091	15.191	7.51202	30.1058	0.022188	-0.484523	5.21625
0.121009	74.2292	81.3358	15.9905	7.23885	30.0202	0.024063	-0.484523	5.20906
0.122009	74.7756	81.4724	16.3332	7.92177	30.0446	0.02375	-0.632557	5.18469
0.123009	74.5024	81.3358	15.8783	7.51202	30.1506	0.02625	-0.484523	5.18406
0.124009	74.7756	81.3358	15.9905	8.05835	30.387	0.023438	-0.533867	5.18219
0.125009	75.1854	81.3358	16.8783	7.78518	30.3055	0.020938	-0.67928	5.22469
0.126009	74.639	81.1989	16.1047	7.92177	29.7349	0.021583	-0.632557	5.21812
0.127009	74.2292	81.3358	15.8783	7.51202	29.3109	0.020313	-0.681901	5.21844
0.128009	74.3858	81.1989	15.8783	9.01442	29.3438	0.022188	-0.484523	5.21344
0.129009	74.5024	81.1989	16.1047	7.37544	28.7199	0.022188	-0.583212	5.21844
0.130009	74.639	81.8091	16.79	7.6486	28.2875	0.021583	-0.632557	5.22408
0.131009	74.5024	81.4724	15.191	7.92177	29.527	0.02375	-0.731246	5.22281
0.13201	74.3858	80.7888	15.3052	6.89253	29.8327	0.020938	-0.089785	5.21969
0.13301	74.5024	81.8091	15.8783	7.78518	29.955	0.024375	-0.583212	5.21781
0.13401	74.3858	81.3358	16.3332	8.05835	30.7987	0.022188	-0.780591	5.22344
0.13501	74.7756	81.4724	15.8783	7.92177	30.8721	0.022188	-0.681901	5.22406
0.13601	74.5024	81.0622	16.1047	8.33151	30.8721	0.020938	-0.632557	5.21625
0.13701	74.6122	81.3358	16.2189	6.98569	30.7681	0.022188	-0.731246	5.1875
0.13801	74.639	81.4724	16.1047	8.19493	30.4441	0.024063	-0.533867	5.16969
0.13901	74.5024	81.3358	16.2189	8.48809	29.5881	0.022813	-0.533867	5.17344
0.14001	74.639	81.3358	16.2189	7.23885	28.3184	0.021875	-0.435178	5.23219
0.14101	74.5024	81.3358	15.9905	6.82911	29.2946	0.02125	-0.435178	5.22281
0.14201	74.639	81.1989	16.7821	7.10227	29.7022	0.022188	-0.632557	5.21969
0.14301	74.5024	81.1989	16.3332	8.05835	30.0202	0.021875	-0.336488	5.22344
0.14401	74.5024	81.0622	15.9905	7.10227	30.5134	0.021583	-0.533867	5.22344
0.14501	74.5024	81.0622	16.9042	8.05835	30.5501	0.021875	-0.632557	5.22375
0.146011	74.5024	81.3358	16.3332	8.60468	30.6071	0.023438	-0.533867	5.22469
0.147011	74.5024	81.0622	15.8783	8.05835	30.8435	0.022813	-0.681901	5.22406
0.148011	74.5024	81.4724	16.4474	7.78518	30.6316	0.025938	-0.583212	5.22469
0.149011	75.0488	81.0622	16.1047	7.37544	30.4482	0.022813	-0.829938	5.22344
0.150011	74.639	81.4724	16.79	8.33151	29.9631	0.024063	-0.632557	5.22219
0.151011	75.3221	81.3358	16.3332	7.51202	29.4984	0.023125	-0.583212	5.20844
0.152011	75.0488	81.0622	16.8758	7.6486	29.2417	0.023438	-0.533867	5.18856
0.153011	74.3858	81.1989	16.3332	7.23885	29.5147	0.023125	-0.632557	5.16969
0.154011	74.639	81.1989	16.3332	7.78518	30.2892	0.024375	-0.435178	5.17658
0.155011	74.5024	80.5153	16.3332	7.92177	30.8762	0.02125	-0.435178	5.22844

0.158011	74.7758	81.1989	16.1047	7.51202	30.5827	0.025838	-0.435178	5.21281
0.157011	74.839	81.0822	16.2189	7.51202	31.1411	0.022813	-0.533887	5.21858
0.158011	74.7758	81.1989	16.2189	7.78518	31.1696	0.022813	-0.829938	5.21468
0.159011	74.5024	80.9255	15.8763	7.51202	31.0837	0.024375	-0.881901	5.21531
0.160012	74.7758	81.3358	16.3332	7.78518	30.7948	0.021563	-0.829938	5.21858
0.161012	74.5024	81.3358	16.2189	8.05835	30.1751	0.022188	-0.731246	5.21281
0.162012	74.5024	81.1989	15.9905	7.37544	29.5514	0.022813	-0.881901	5.21531
0.163012	74.7758	81.0822	17.1327	7.8488	28.3205	0.022188	-0.881901	5.21937
0.164012	74.2292	81.1989	15.5336	7.10227	28.8789	0.021563	-0.731246	5.21408
0.165012	74.7758	81.3358	16.9042	8.33151	29.5392	0.024063	-0.04042	5.21219
0.166012	74.5024	81.3358	16.3332	8.05835	29.7022	0.025313	-0.881901	5.19844
0.167012	74.839	81.3358	16.3332	8.05835	29.8653	0.023125	-0.632557	5.17937
0.168012	74.5024	81.4724	16.1047	7.51202	30.2382	0.024375	-0.881901	5.18158
0.169012	74.7758	81.3358	16.5616	7.78518	30.0528	0.022188	-0.435178	5.17125
0.170012	74.5024	81.8826	16.3332	7.92177	30.0283	0.022188	-0.583212	5.21969
0.171012	75.1854	81.1989	16.3332	8.33151	30.1282	0.02125	-0.881901	5.20719
0.172012	74.5024	81.3358	16.2189	9.151	29.5983	0.022188	-0.287144	5.21719
0.173012	74.3858	81.1989	16.6758	7.51202	29.1764	0.020625	-0.632557	5.21344
0.174013	74.3858	80.8521	16.3332	7.78518	28.9971	0.022188	-0.435178	5.21468
0.175013	74.3858	80.7888	15.8763	7.78518	28.9523	0.022813	-0.533887	5.20969
0.176013	74.7758	81.7458	16.1047	8.05835	29.6207	0.022813	-0.435178	5.21094
0.177013	74.839	81.0822	16.1047	7.78518	30.387	0.021563	-0.632557	5.21312
0.178013	74.2292	81.3358	16.3332	7.78518	30.2892	0.022813	-0.533887	5.21658
0.179013	74.7758	81.3358	15.8763	7.23885	30.8153	0.021563	-0.632557	5.21312
0.180013	74.839	81.3358	16.2189	8.19493	30.9618	0.022813	-0.632557	5.21094
0.181013	74.839	81.1989	16.2189	7.51202	30.7948	0.022188	-0.435178	5.20219
0.182013	74.5024	81.3358	16.1047	7.92177	30.5134	0.022188	-0.632557	5.17989
0.183013	74.5024	81.1989	15.7621	8.33151	30.2729	0.0225	-0.435178	5.18219
0.184013	74.9122	81.1989	15.8763	8.82911	29.6815	0.024688	-0.435178	5.18989
0.185013	75.0488	81.3358	16.6758	7.37544	29.1801	0.021563	-0.583212	5.22408
0.186013	74.7758	81.1989	15.8763	7.37544	28.4305	0.023438	-0.533887	5.20876
0.187013	74.839	81.0822	15.5336	7.51202	28.2188	0.023438	-0.435178	6.21531
0.188014	74.5024	81.7458	16.1047	8.05835	28.6792	0.0225	-0.881901	5.21082
0.189014	74.839	81.7458	15.4184	7.92177	28.1153	0.023438	-0.829938	5.20844
0.190014	74.3858	81.8826	15.4184	7.51202	28.2457	0.021875	-0.632557	5.21344
0.191014	74.839	81.8826	15.8763	7.51202	28.4984	0.019688	-0.336488	5.21594
0.192014	74.3858	81.6091	16.1047	7.78518	28.6044	0.019375	-0.583212	5.21858
0.193014	74.5024	81.3358	15.8763	8.05835	29.4128	0.022813	-0.484523	5.21375
0.194014	74.9122	81.3358	16.3332	8.05835	29.4047	0.023438	-0.632557	5.21082
0.195014	74.7758	81.1989	16.1047	7.37544	28.9033	0.022188	-0.583212	5.215
0.196014	74.839	81.3358	16.1047	8.98589	28.8914	0.022813	-0.632557	5.20969
0.197014	74.839	81.7458	15.4184	7.37544	28.8017	0.022813	-0.731246	5.18187
0.198014	75.0488	81.0822	16.3332	7.92177	28.099	0.024688	0.008924	5.18094
0.199014	74.5024	80.9255	15.6478	7.37544	29.8001	0.022188	-0.533887	5.17438
0.200014	74.3858	81.3358	15.8763	7.92177	30.2484	0.023438	-0.881901	5.22594
0.201014	74.839	81.1989	16.2189	7.78518	30.3628	0.021875	-0.533887	5.21625
0.202015	74.7758	81.3358	16.1047	7.92177	30.782	0.021563	-0.533887	5.21812
0.203015	74.5024	81.3358	15.4184	7.51202	30.888	0.023438	-0.484523	5.21281
0.204015	74.839	81.0822	16.1047	7.51202	30.7213	0.021563	-0.632557	5.21488
0.205015	74.7758	81.3358	15.6478	8.05835	30.7253	0.021563	-0.632557	5.21937
0.206015	74.5024	81.1989	16.5616	7.78518	30.3544	0.021875	-0.533887	5.21844
0.207015	74.839	81.1989	16.3332	7.37544	30.1017	0.022188	-0.484523	5.21812

0.208015	74.639	80.7888	16.1047	7.37544	29.0419	0.0225	-0.681901	5.21719
0.209015	75.1854	81.3356	15.4194	7.78518	28.7851	0.020625	-0.435178	5.21781
0.210015	74.5024	81.3356	16.1047	7.23885	28.5813	0.020625	-0.533867	5.22187
0.211015	73.8828	81.0622	16.2189	8.33151	28.8177	0.021875	-0.583212	5.20844
0.212015	74.839	81.0622	15.8763	7.78518	29.8663	0.025938	-0.336488	5.18094
0.213015	74.5024	80.7888	15.8478	7.23885	29.3639	0.022188	-0.583212	5.16125
0.214015	74.5024	81.3356	15.8763	7.78518	29.8164	0.024688	-0.681901	5.18468
0.215015	74.839	81.3356	15.7821	7.78518	30.0487	0.020638	-0.632557	5.23408
0.216018	74.5024	81.0622	15.8763	7.92177	29.3762	0.0225	-0.632557	5.21875
0.217018	74.839	81.0622	15.4194	7.37544	29.5555	0.023438	-0.533867	5.21968
0.218018	74.5024	80.7888	16.3332	7.23885	28.1316	0.020625	-0.731246	5.22094
0.219018	74.5024	81.1989	15.4194	7.10227	28.4631	0.01875	-0.435178	5.22219
0.220018	74.839	81.3356	15.8478	6.98569	29.0134	0.019688	-0.681901	5.22408
0.221018	74.3658	81.0622	15.9905	7.51202	28.7349	0.022188	-0.435178	5.22218
0.222018	74.5024	81.1989	16.3332	8.60488	29.8979	0.023438	-0.731246	5.22158
0.223018	74.7758	81.4724	15.7821	7.92177	30.9658	0.025938	-0.632557	5.22344
0.224018	75.1854	81.1989	16.1047	8.33151	31.2348	0.024063	-0.632557	5.22094
0.225018	74.0828	81.1989	15.4194	7.10227	31.2185	0.022188	-0.435178	5.21906
0.226018	74.5024	81.3356	15.3052	7.23885	31.6261	0.023438	-0.632557	5.20219
0.227018	75.0488	81.1989	15.8763	9.151	31.8914	0.023438	-0.435178	5.17968
0.228018	73.8828	81.3356	15.7821	7.51202	31.3327	0.021563	-0.731246	5.18531
0.229018	74.2292	81.1989	15.7821	6.82911	31.296	0.022188	-0.632557	5.18719
0.230017	74.3658	81.1989	16.4474	6.82911	30.8234	0.020938	-0.583212	5.22968
0.231017	73.956	81.3356	15.8763	7.92177	28.8914	0.024688	-0.435178	5.21406
0.232017	74.839	81.3356	16.1047	7.8488	29.5718	0.022813	-0.237799	5.21844
0.233017	74.3658	80.7888	15.4194	6.98569	29.69	0.023438	-0.829936	5.21812
0.234017	74.5024	80.7888	15.8478	7.37544	29.7186	0.024063	-0.632557	5.21906
0.235017	74.0828	81.3356	15.8763	7.8488	30.4359	0.019688	-0.632557	5.21844
0.236017	74.839	81.1989	15.8478	7.51202	30.2321	0.024375	-0.632557	5.21488
0.237017	73.956	81.3356	16.2189	7.78518	29.9224	0.021875	-0.632557	5.21719
0.238017	74.7758	81.4724	15.8478	8.60488	30.4885	0.018438	-0.583212	5.22158
0.239017	74.839	81.0622	15.7821	7.37544	29.4984	0.019083	-0.435178	5.21968
0.240017	74.5024	81.8091	15.8478	7.23885	29.1561	0.023125	-0.731246	5.21656
0.241017	74.839	81.1989	16.5618	6.93253	29.1927	0.022188	-0.632557	5.19812
0.242017	74.5024	81.1989	15.8478	7.10227	28.2583	0.02375	-0.583212	5.17844
0.243017	74.839	81.4724	15.8478	6.98569	28.9688	0.02375	0.058269	5.16281
0.244018	74.7758	81.1989	16.1047	7.51202	29.4168	0.02375	-0.435178	5.18594
0.245018	74.5024	81.1989	15.9905	7.78518	29.8775	0.022813	-0.484523	5.22584
0.246018	74.839	81.0622	15.4194	7.51202	30.8071	0.01875	-0.336488	5.21219
0.247018	74.7758	81.3356	15.5336	8.05835	30.4522	0.020938	-0.533867	5.22219
0.248018	74.3658	81.3356	15.9905	7.10227	31.3449	0.020938	-0.632557	5.21812
0.249018	74.7758	81.1989	15.5336	7.37544	30.7131	0.023438	-0.533867	5.21582
0.250018	74.9122	81.3356	15.8763	7.78518	30.9677	0.024063	-0.583212	5.21488
0.251018	74.839	81.3356	15.8763	7.10227	31.0392	0.022813	-0.731246	5.21582
0.252018	73.956	81.3356	15.4194	5.59987	29.5392	0.019688	-0.97797	5.21656
0.253018	74.839	81.4724	15.4194	7.51202	28.5406	0.021875	-0.435178	5.21719
0.254018	74.5024	81.3356	16.3332	7.51202	28.7974	0.023438	-0.287144	5.21438
0.255018	74.5024	81.0622	15.8478	7.8488	29.2987	0.02375	-0.829936	5.21187
0.256018	74.7758	81.8091	15.3052	7.78518	29.7756	0.025313	-0.731246	5.20156
0.257019	74.839	81.4724	15.8478	8.60488	29.5877	0.02125	-0.484523	5.18219
0.258019	74.839	81.1989	16.1047	7.78518	30.0995	0.0225	-0.731246	5.16219
0.259019	74.9122	81.8091	16.2189	7.51202	30.1139	0.023438	-0.780591	5.16468

0.260019	75.0488	81.1989	16.1047	8.05835	29.6289	0.023438	-0.632557	5.21837
0.261019	74.639	81.3356	15.3052	8.98569	29.6044	0.021583	-0.533867	5.21094
0.262018	74.7756	81.3356	15.6478	8.89253	29.4577	0.022188	-0.484523	5.21781
0.263019	74.7756	81.6091	15.6478	8.98569	28.7848	0.019688	-1.22469	5.21344
0.264019	74.7756	81.6828	15.3052	7.37544	28.6588	0.020938	-0.287144	5.21187
0.265018	74.639	81.6091	15.8763	7.78518	28.0983	0.020938	-0.484523	5.21344
0.266018	73.6828	81.1989	15.5336	8.05835	27.8069	0.021875	-0.632557	5.21469
0.267018	74.5024	81.0622	15.7621	7.37544	29.2294	0.023438	-0.731248	5.21719
0.268019	74.5024	80.5153	15.4194	7.37544	29.4088	0.020938	-0.632557	5.21469
0.269019	74.7756	81.0622	15.6478	7.78518	30.118	0.023125	-0.632557	5.21281
0.270019	74.639	81.4724	15.4194	7.92177	30.7418	0.022188	-0.829936	5.21219
0.27102	74.7756	80.9255	16.3332	8.60468	30.5012	0.022188	-0.484523	5.20344
0.27202	74.5024	81.3356	15.8763	7.10227	30.9884	0.021583	-0.632557	5.17837
0.27302	74.639	81.1989	15.4194	7.51202	30.5338	0.024375	-0.533867	5.15906
0.27402	75.0488	81.1989	15.191	6.1462	29.9142	0.01875	-1.07666	5.18281
0.27502	74.7756	81.3356	15.7621	7.37544	29.6859	0.020825	-0.435178	5.22312
0.27602	74.639	81.3356	16.1047	7.92177	28.7118	0.02125	-0.188464	5.21719
0.27702	73.956	81.3356	16.2189	7.92177	29.1724	0.023125	-0.533867	5.21781
0.27802	74.639	81.6091	15.4194	7.23885	29.6044	0.023438	-0.435178	5.21156
0.27902	74.5024	81.3356	16.1047	8.19493	29.7145	0.023438	-0.632557	5.21156
0.28002	74.7756	81.3356	15.4194	7.23885	30.2569	0.02125	-0.681901	5.21812
0.28102	74.7756	81.1989	15.6478	7.37544	30.2892	0.020938	-0.435178	5.22156
0.28202	73.956	81.0622	16.1047	8.89253	30.224	0.021875	-0.484523	5.21844
0.28302	74.7756	81.1989	16.1047	8.60468	30.656	0.0225	-0.484523	5.21781
0.28402	74.9122	81.1989	16.3332	7.37544	29.7186	0.023125	-0.533867	5.21656
0.285021	74.7756	81.3356	15.5336	6.68253	28.1479	0.019375	-1.02731	5.21625
0.286021	74.7756	81.6091	15.7621	7.51202	29.258	0.02125	-0.632557	5.20219
0.287021	75.0488	81.3356	15.8763	7.51202	29.0501	0.022613	-0.435178	5.17844
0.288021	75.0488	81.1989	16.2189	7.6486	28.5243	0.022188	-0.731248	5.15906
0.289021	74.639	81.0622	16.1047	7.23885	28.7199	0.020938	-0.338488	5.18219
0.290021	74.5024	80.6521	15.8763	7.51202	28.4984	0.021875	-0.533867	5.23156
0.291021	74.5024	81.3356	16.1047	7.51202	30.3666	0.022613	-0.632557	5.21656
0.292021	74.639	81.1989	16.3332	7.92177	30.1873	0.023125	-0.632557	5.21968
0.293021	74.9122	81.0622	16.1047	8.05835	30.5338	0.022188	-0.632557	5.21584
0.294021	74.7756	81.3356	16.1047	7.6486	31.0637	0.020938	-0.731248	5.22219
0.295021	74.5024	81.3356	15.4194	6.69253	30.3014	0.020938	-0.533867	5.22281
0.296021	74.7756	81.3356	15.191	5.73645	30.3993	0.019375	-0.928625	5.21844
0.297021	74.3658	80.5153	15.4194	7.23885	30.1547	0.022188	-0.632557	5.21408
0.298021	74.7756	81.0622	16.7821	7.51202	28.5202	0.023438	-0.435178	5.21719
0.299022	74.5024	81.0622	16.3332	7.37544	28.4264	0.022188	-0.533867	5.22344
0.300022	74.639	81.0622	16.3332	7.51202	29.421	0.025313	-0.533867	5.22094
0.301022	73.8194	81.1989	16.3332	7.6486	29.7675	0.021583	-0.435178	5.20125
0.302022	74.639	81.1989	16.3332	7.51202	29.9509	0.022188	-0.484523	5.17564
0.303022	74.7756	81.0622	15.8763	8.98569	30.4482	0.022188	-0.829936	5.15869
0.304022	74.639	81.1989	15.8763	7.23885	30.5501	0.020313	-0.632557	5.20187
0.305022	74.639	81.4724	16.2189	7.6486	30.387	0.022188	-1.02731	5.23084
0.306022	74.7756	81.1989	16.2189	7.10227	30.4728	0.0225	-0.731248	5.21844
0.307022	74.7756	81.3356	15.7621	6.41936	30.281	0.019063	-1.22469	5.21781
0.308022	75.0488	81.0622	15.8763	7.10227	29.9468	0.020313	-0.533867	5.21969
0.309022	74.7756	81.3356	15.4194	7.23885	29.7919	0.02375	-0.237799	5.22281
0.310022	74.7756	81.3356	16.3332	7.6486	29.1784	0.0225	-0.533867	5.22469
0.311022	74.5024	81.3356	16.2189	7.92177	29.0256	0.024375	-0.681901	5.22156

0.312022	74.7766	81.3356	15.7621	7.23885	28.8327	0.019375	-0.829936	5.22344
0.313023	74.5024	81.0622	16.5616	7.78518	30.118	0.020938	-0.533867	5.22219
0.314023	74.3858	81.7458	15.6478	7.23885	30.5827	0.019375	-0.336488	5.22219
0.315023	74.5024	81.3356	16.2189	8.05835	31.0555	0.024888	-0.533867	5.21591
0.316023	74.7766	81.0622	15.4194	8.19493	30.9291	0.024888	-0.484523	5.19856
0.317023	74.639	81.3356	16.5616	7.10227	30.868	0.021583	-0.832557	5.17656
0.318023	74.2292	81.3356	16.3332	6.41936	30.8598	0.02125	-0.731248	5.18344
0.319023	74.0926	81.3356	16.3332	8.60488	30.367	0.023125	-0.435178	5.20813
0.320023	74.7766	81.3356	16.3332	7.51202	29.9142	0.02375	-0.04042	5.22219
0.321023	74.639	81.1989	16.3332	7.78518	29.1071	0.0225	-0.832557	5.21219
0.322023	74.7766	81.3356	16.3332	8.05835	28.5243	0.022188	-0.484523	5.21825
0.323023	74.639	81.3356	16.79	8.33151	29.0627	0.021875	-0.435178	5.21844
0.324023	73.956	81.3356	16.3332	8.46809	29.4577	0.021583	-0.832557	5.21438
0.325023	74.7766	81.7458	15.8763	7.51202	29.7675	0.0225	-0.829936	5.21344
0.326023	74.2292	80.7888	16.5616	7.78518	29.9081	0.023438	-0.583212	5.21125
0.327024	74.7766	81.3356	16.5616	7.51202	30.1017	0.022188	-0.832557	5.21594
0.328024	74.7766	81.0622	15.6478	7.78518	30.0885	0.02375	-0.583212	5.21888
0.329024	74.639	81.3356	17.3611	7.23885	29.8653	0.020938	-0.829936	5.21719
0.330024	74.7766	81.1989	16.1047	7.10227	29.7838	0.022188	-0.237799	5.21156
0.331024	74.3858	81.3356	16.2189	7.92177	29.5229	0.022813	-0.435178	5.19219
0.332024	74.9122	81.3356	16.3332	7.78518	28.9845	0.021875	-0.533867	5.17594
0.333024	74.7766	81.6091	15.7621	7.23885	28.6343	0.026563	-0.780591	5.15844
0.334024	74.5024	81.3356	16.3332	7.78518	29.315	0.024375	-0.533867	5.20563
0.335024	74.5024	81.3356	16.8758	7.37544	29.7186	0.022813	-0.731248	5.21408
0.336024	75.3221	81.3356	16.1047	7.6486	30.224	0.022813	-0.731248	5.21031
0.337024	74.2292	81.3356	16.1047	7.37544	30.5827	0.021563	-0.829936	5.21888
0.338024	74.7766	81.1989	16.8758	7.6486	30.5864	0.022813	-0.533867	5.21281
0.339024	74.7766	81.3356	16.3332	8.05835	30.6805	0.02375	-0.583212	5.21219
0.340024	74.2292	81.1989	17.1327	7.51202	30.6275	0.020313	-0.435178	5.21312
0.341025	74.9122	81.0622	15.7621	7.51202	30.3014	0.020938	-0.731248	5.21312
0.342025	74.7766	81.7458	15.6478	7.78518	29.8979	0.020625	-0.237799	5.21656
0.343025	74.639	81.3356	15.8763	8.05835	29.4495	0.021563	-0.484523	5.21531
0.344025	74.9122	81.3356	16.3332	7.6486	28.7851	0.02375	-0.881901	5.21031
0.345025	73.956	81.1989	16.8042	8.19493	28.0069	0.024063	-0.832557	5.20594
0.346025	74.7766	81.1989	16.3332	8.05835	28.2919	0.022188	-0.731248	5.18344
0.347025	74.7766	81.4724	16.3332	7.78518	28.7281	0.023438	-0.533867	5.17094
0.348025	74.0926	81.1989	15.8763	7.78518	28.993	0.022813	-0.832557	5.15781
0.349025	74.7766	81.0622	15.6478	9.01442	29.2131	0.023125	-0.829936	5.20781
0.350025	75.0488	81.1989	16.3332	7.23885	29.3109	0.021563	-0.881901	5.21408
0.351025	74.639	81.1989	16.3332	7.37544	29.3517	0.019888	-0.533867	5.21781
0.352025	74.7766	81.3356	15.8763	7.23885	29.2457	0.021875	-0.832557	5.21489
0.353025	74.7766	81.1989	15.8763	7.6486	29.1801	0.021875	-0.237799	5.21281
0.354025	74.639	81.1989	15.7621	7.23885	28.8544	0.023125	-0.928625	5.21168
0.355026	74.7766	81.3356	15.6478	7.6486	28.4142	0.024063	-0.435178	5.21594
0.356026	74.7766	81.4724	15.7621	7.51202	28.561	0.021875	-0.385833	5.21781
0.357026	74.5024	80.7888	16.1047	8.05835	29.262	0.022188	-0.832557	5.21781
0.358026	74.639	81.3356	15.9905	8.19493	29.7349	0.023125	-0.533867	5.21489
0.359026	74.7766	81.1989	15.8763	7.37544	30.2077	0.020938	-0.583212	5.21438
0.360026	74.0926	81.3356	16.1047	7.6486	30.5501	0.019888	-0.832557	5.21489
0.361026	74.7766	81.6091	15.8763	6.82911	30.5419	0.021563	-0.583212	5.19408
0.362026	74.7766	81.0622	17.2489	7.51202	30.7702	0.024063	-0.881901	5.17281
0.363026	74.639	81.3356	15.4194	6.96569	30.974	0.023438	-0.832557	5.15489

0.364026	74.5024	81.3356	16.1047	8.05835	30.2321	0.024083	-0.435178	5.21531
0.365026	74.7756	81.1989	15.8783	7.92177	30.33	0.021563	-0.533867	5.22156
0.366026	74.7756	81.1989	16.3332	8.05835	30.1221	0.024083	-0.632557	5.22094
0.367026	74.639	80.5153	15.8783	8.05835	28.9988	0.023125	-0.632557	5.21844
0.368026	74.7756	81.0622	16.1047	7.78518	28.3978	0.0225	-0.731248	5.21438
0.369027	74.5024	80.7888	15.8783	7.51202	28.6832	0.021875	-0.632557	5.21719
0.370027	74.639	81.0622	15.4194	7.51202	29.3354	0.021563	-0.533867	5.22219
0.371027	74.2292	81.0622	16.1047	8.00468	29.1801	0.020825	-0.632557	5.22094
0.372027	74.639	81.3356	16.1047	6.96589	29.7308	0.022188	-0.632557	5.21719
0.373027	74.7756	81.7458	16.5618	7.78518	29.7838	0.022813	-0.435178	5.21875
0.374027	74.7756	81.3356	15.6478	8.82911	29.421	0.021875	-0.731248	5.21806
0.375027	74.9122	81.1989	15.7621	7.51202	29.8207	0.022188	0.158959	5.21856
0.376027	75.0488	81.0622	15.4194	7.6488	29.0134	0.022813	-0.829936	5.19375
0.377027	74.7756	81.0622	15.6478	7.37544	28.9767	0.023438	-0.484523	5.19869
0.378027	74.7756	81.3356	15.9905	7.92177	28.5039	0.022813	-0.583212	5.18219
0.379027	74.9122	81.1989	15.6478	7.23885	28.8707	0.020938	-0.632557	5.22781
0.380027	74.3858	81.1989	16.1047	8.06835	29.8615	0.023125	-0.533867	5.22187
0.381027	74.9122	81.1989	15.8783	8.89253	29.7878	0.022188	-0.435178	5.21837
0.382028	74.2292	81.1989	15.8783	8.00468	30.9577	0.024083	-0.533867	5.21344
0.383028	74.7756	81.3356	15.3052	8.82911	30.8109	0.02375	-0.435178	5.2175
0.384028	74.639	81.1989	15.4194	8.06835	31.137	0.02375	-0.731248	5.22344
0.385028	74.5024	81.3356	16.3332	7.51202	31.5202	0.0225	-0.435178	5.22281
0.386028	74.7756	81.3356	15.7821	7.78518	31.0718	0.023125	-0.287144	5.22094
0.387028	74.639	81.4724	15.4194	7.23885	31.4468	0.022188	-0.435178	5.21888
0.388028	74.7756	81.1989	15.8783	7.37544	30.9903	0.019888	-0.338488	5.22187
0.389028	74.7756	81.3356	15.9905	7.92177	29.8841	0.0225	-0.583212	5.22406
0.390028	74.639	81.1989	15.8783	7.92177	28.8422	0.023125	-0.681901	5.21562
0.391028	74.7756	81.3356	16.2189	7.10227	28.1388	0.02375	-0.583212	5.19062
0.392028	75.1854	81.3356	15.8478	7.6488	29.2783	0.022813	-0.435178	5.18906
0.393028	74.5024	81.1989	15.3052	7.6488	30.1751	0.022813	-0.484523	5.16812
0.394028	75.0488	81.3356	16.3332	7.10227	29.8327	0.022813	-0.681901	5.22969
0.395028	75.1854	81.1989	16.5618	7.10227	30.0283	0.020938	-0.435178	5.22344
0.396029	74.7756	81.8091	15.7621	7.23885	30.1343	0.020625	-0.533867	5.21906
0.397029	74.639	81.3356	15.0768	7.10227	29.7022	0.020625	-0.435178	5.21906
0.398029	74.7756	81.3356	15.9905	7.51202	29.4414	0.02125	-0.533867	5.22375
0.399029	74.639	81.3356	15.8783	7.51202	29.4414	0.028563	-0.533867	5.22406
0.400029	74.7756	81.8826	15.8783	7.51202	28.6588	0.023438	-0.632557	5.22156
0.401029	74.639	81.1989	16.1047	7.6488	28.3408	0.024375	-0.435178	5.21989
0.402029	74.7756	81.4724	15.6478	7.51202	28.9237	0.022813	-0.681901	5.22219
0.403029	74.9122	81.0622	15.191	7.6488	29.1887	0.0225	-0.731248	5.22406
0.404029	74.5024	81.8091	16.3332	8.19493	30.008	0.022188	-0.533867	5.22187
0.405029	74.7756	81.1989	15.4194	7.37544	30.5093	0.019888	-0.484523	5.20937
0.406029	75.3221	81.3356	16.5618	6.96589	30.387	0.022188	-0.681901	5.18812
0.407029	74.7756	81.3356	14.9625	7.37544	31.0086	0.022188	-0.829936	5.17082
0.408029	74.639	81.3356	15.4194	7.92177	30.821	0.023125	-0.287144	5.17062
0.409029	74.639	81.0622	15.6478	7.78518	30.6764	0.023438	-0.731248	5.22875
0.41003	74.7756	81.3356	16.3332	8.05835	30.8517	0.024888	-0.533867	5.21344
0.41103	74.7756	81.3356	16.5618	7.6488	29.637	0.025313	-0.632557	5.21719
0.41203	74.7756	81.0622	16.1047	7.78518	28.2634	0.021563	-0.435178	5.22094
0.41303	74.7756	81.0622	15.9905	8.19493	28.9971	0.022188	-0.583212	5.21844
0.41403	74.639	81.0622	15.8783	7.78518	28.9849	0.020313	-0.829936	5.21989
0.41503	74.7756	81.3356	16.3332	9.01442	29.5837	0.023438	-0.632557	5.21844

0.41603	74.639	81.6091	15.8763	7.37544	29.7675	0.019375	-0.583212	5.21844
0.41703	74.7756	81.1989	15.9905	7.23885	29.8044	0.022813	-0.583212	5.22281
0.41803	74.7756	81.3356	16.3332	7.37544	29.8734	0.021875	-0.731246	5.21989
0.41903	74.2292	81.0622	15.9905	8.05835	29.8062	0.024063	-0.237799	5.21781
0.42003	74.7756	81.3356	15.8763	7.37544	29.3028	0.024688	-0.435178	5.20937
0.42103	75.1854	81.3356	15.6478	7.10227	29.1071	0.022188	-0.632557	5.18781
0.42203	74.7756	81.6091	15.8763	7.23885	28.9808	0.025313	-0.731246	5.18869
0.42303	74.7756	81.3356	16.1047	7.23885	28.188	0.022188	-0.632557	5.18489
0.42403	74.7756	81.3356	15.9905	7.6486	28.0555	0.02125	-0.632557	5.22219
0.42503	74.5024	80.7888	16.1047	8.05835	27.9414	0.020825	-0.829836	5.21281
0.42603	74.5024	81.1989	16.5616	8.60468	28.6832	0.021875	-0.484523	5.22031
0.42703	74.7756	81.0622	15.4184	7.37544	29.3802	0.023438	-0.435178	5.21584
0.42803	74.7756	80.8255	16.5616	6.82911	30.1506	0.0225	-0.632557	5.21719
0.42903	75.0488	81.1989	15.9905	6.89253	29.9916	0.0225	-0.632557	5.21158
0.43003	74.7756	81.3356	15.8763	7.92177	30.5419	0.023438	-0.632557	5.21312
0.43103	75.0488	81.0622	15.8763	8.33151	30.5949	0.023438	-0.287144	5.21781
0.43203	74.7756	81.3356	16.3332	8.05835	30.5864	0.024063	-0.484523	5.21719
0.43303	74.7756	81.0622	15.8763	7.51202	30.5786	0.024375	-0.435178	5.21719
0.43403	74.2292	81.1989	16.3332	8.33151	29.1724	0.023125	-0.632557	5.21158
0.43503	74.639	81.3356	16.1047	7.92177	28.506	0.020825	-0.435178	5.20969
0.43603	74.7756	81.3356	15.8763	7.23885	29.2378	0.021583	-0.583212	5.18844
0.43703	74.639	81.3356	15.9905	7.92177	29.3069	0.023438	-0.435178	5.18719
0.43803	74.7756	81.0622	15.7621	7.6486	29.9857	0.02375	-0.632557	5.15781
0.43903	75.1854	81.1989	16.3332	7.10227	30.2077	0.022188	-0.632557	5.21781
0.44003	74.639	81.3356	15.7621	6.89253	29.8978	0.022188	-0.632557	5.20937
0.44103	75.1854	81.1989	15.8763	7.51202	30.3055	0.022188	-0.04042	5.21406
0.44203	74.639	81.1989	16.2189	7.51202	30.0385	0.022188	-0.484523	5.21312
0.44303	75.3221	81.3356	15.8763	8.05835	29.8205	0.024063	-0.435178	5.20989
0.44403	74.7756	81.3356	16.1047	7.92177	29.849	0.02125	-0.435178	5.21156
0.44503	74.7756	81.3356	15.7621	7.23885	29.0827	0.021583	-0.829836	5.21312
0.44603	74.5024	81.3356	16.4474	7.37544	28.9319	0.021583	-0.533887	5.21344
0.44703	74.9122	81.3356	16.1047	7.78518	28.2838	0.023438	-0.632557	5.21219
0.44803	74.639	81.3356	15.9905	8.60468	28.4831	0.020938	-0.731246	5.20989
0.44903	74.7756	81.3356	16.5616	7.51202	29.7104	0.022188	-0.533887	5.21084
0.45003	74.9122	81.3356	16.1047	6.41936	29.7838	0.021875	-0.484523	5.20989
0.45103	74.7756	81.0622	16.79	7.10227	30.6071	0.023125	-0.731246	5.18906
0.45203	75.0488	81.3356	16.3332	7.51202	30.4441	0.024975	-0.829836	5.18344
0.45303	75.0488	81.6091	16.3332	7.78518	30.5258	0.02375	-0.484523	5.15582
0.45403	74.7756	81.1989	17.0185	8.05835	30.9984	0.022188	-0.583212	5.21594
0.45503	74.9122	81.1989	16.3332	7.8486	30.4278	0.028583	-0.533887	5.21531
0.45603	74.7756	81.1989	16.79	7.51202	29.9427	0.021583	-0.632557	5.21187
0.45703	74.639	81.1989	16.5616	7.6486	28.9441	0.024688	-0.681901	5.21082
0.45803	74.639	81.1989	16.5616	7.37544	28.2675	0.022188	-0.632557	5.20937
0.45903	74.7756	81.3356	16.1047	7.37544	29.205	0.022188	-0.632557	5.21219
0.46003	74.7756	81.7458	16.1047	7.78518	29.7675	0.021583	-0.632557	5.21658
0.46103	74.7756	81.1989	16.5616	7.23885	30.0202	0.021583	-0.583212	5.21844
0.46203	74.9122	81.4724	16.8763	6.96569	30.1384	0.019888	-0.533887	5.21219
0.46303	74.7756	81.0622	16.3332	7.10227	30.4033	0.02125	-0.484523	5.21408
0.46403	74.7756	81.0622	16.1047	7.92177	30.4685	0.023125	-0.237799	5.21781
0.46503	74.7756	80.9255	15.8763	7.23885	30.2892	0.023125	-0.829836	5.21031
0.46603	75.3221	81.1989	16.2189	7.51202	30.1914	0.025838	-0.533887	5.18837
0.46703	74.9122	81.3356	16.3332	8.33151	30.0039	0.023438	-0.632557	5.18584

0.468034	74.5024	81.3356	16.4474	7.78518	29.8493	0.02375	-0.237799	5.15719
0.469034	74.839	80.2419	15.8763	7.23885	28.9767	0.019688	-0.632557	5.21812
0.470034	74.9122	81.3356	16.3332	7.51202	28.8544	0.022188	-0.681901	5.21875
0.471034	75.3221	81.1989	16.2189	7.51202	28.4944	0.022188	-0.731248	5.21469
0.472034	75.0488	81.3356	16.5616	7.92177	29.9224	0.020938	-0.533867	5.21582
0.473034	75.4587	81.0622	15.181	6.69253	30.3177	0.019688	-0.829838	5.21438
0.474034	74.3858	81.3356	16.3332	7.78518	30.6479	0.022188	-0.681901	5.21969
0.475034	74.7756	81.3356	16.3332	7.78518	30.7131	0.022188	-0.435178	5.22187
0.476034	74.7756	81.3356	15.9905	7.6486	30.7579	0.02375	-0.632557	5.21656
0.477034	74.7756	80.7888	15.8763	7.78518	30.5419	0.024375	-0.435178	5.2175
0.478034	74.2292	81.1989	16.5616	8.33151	30.224	0.019688	-0.731248	5.22219
0.479034	74.5024	81.1989	16.1047	7.78518	29.8897	0.020625	-0.829838	5.22437
0.480035	74.9122	81.3356	16.1047	7.10227	28.9319	0.020625	-0.435178	5.21844
0.481035	74.9122	81.0622	15.9905	8.33151	28.1896	0.02125	-0.632557	5.19344
0.482035	75.0488	81.3356	16.3332	8.05835	28.8137	0.022813	-0.435178	5.17856
0.483035	74.7756	81.3356	15.8763	7.51202	29.1398	0.024063	-0.681901	5.18594
0.484035	74.7756	81.0622	16.3332	6.69253	29.421	0.019688	-0.731248	5.21844
0.485035	74.7756	81.3356	15.8763	7.37544	29.7349	0.020313	-0.87928	5.22344
0.486035	74.5024	80.7888	16.2189	7.51202	29.7756	0.022188	-0.13911	5.21969
0.487035	74.7756	81.3356	16.2189	7.6486	29.7919	0.020938	-0.484523	5.22408
0.488035	74.7756	81.1989	15.7821	7.51202	29.7675	0.021875	-0.435178	5.22344
0.489035	74.9122	81.3356	16.3332	8.18493	29.8859	0.02125	0.107614	5.22437
0.490036	74.0826	81.0622	15.8763	6.96569	29.3843	0.020938	1.14385	5.22408
0.491035	74.9122	81.0622	16.2189	8.05835	29.0949	0.019375	2.32813	5.22469
0.492035	74.7756	81.0622	16.79	8.05835	28.4957	0.024688	3.11784	5.22375
0.493035	75.0488	81.0622	16.4474	7.78518	28.6832	0.022188	3.9565	5.22312
0.494036	74.7756	81.6091	16.3332	7.78518	29.7104	0.025	4.59798	5.22156
0.495036	74.7756	81.3356	15.4184	6.1482	29.959	0.019063	4.44965	5.21219
0.496036	74.9122	81.0622	16.3332	7.51202	30.171	0.022813	5.09143	5.19219
0.497036	74.7756	81.6091	16.3332	7.23885	30.8558	0.024375	5.48619	5.17719
0.498036	75.0488	81.3356	16.3332	7.92177	30.4441	1.30344	4.59798	4.92219
0.499036	74.7756	81.0622	16.1047	7.78518	30.2566	5.73656	4.69687	4.44156
0.500036	74.5024	81.3356	16.5616	6.96569	30.7457	5.20813	4.59798	4.60187
0.501036	74.5024	81.3356	15.9905	8.05835	29.6044	6.46969	4.30191	4.57719
0.502036	74.5024	81.1989	16.1047	7.78518	29.8941	6.45969	4.64733	4.80719
0.503036	75.3221	81.4724	16.1047	7.10227	29.1805	5.51594	4.69687	4.81469
0.504036	74.7756	81.3356	15.9905	8.87784	27.668	5.55468	5.04206	4.63094
0.505036	74.7756	81.1989	15.8763	7.51202	28.0311	5.59082	4.89405	4.63969
0.506036	74.839	81.0622	16.3332	6.96569	28.0311	5.61969	4.84471	4.64781
0.507037	74.7756	81.3356	15.8763	7.51202	28.7729	5.64969	5.63422	4.85781
0.508037	74.7756	81.3356	16.4474	8.05835	29.5881	5.67812	6.02896	4.69969
0.509037	74.7756	81.3356	15.8763	8.18493	29.1031	5.70563	5.89094	4.87719
0.510037	75.3221	81.6091	16.3332	8.18493	29.1867	5.72719	6.37439	4.88187
0.511037	74.7756	81.6091	16.3332	9.69733	29.4251	5.72375	6.86784	4.87188
0.512037	74.9122	81.3356	16.5616	9.56075	28.8137	5.72437	6.76916	4.85844
0.513037	74.839	80.7888	15.8763	10.79	28.8687	5.72869	6.86784	4.85281
0.514037	74.7756	81.3356	16.1047	12.2924	28.8707	5.80094	7.06522	4.70719
0.515037	74.7756	81.3356	16.1047	12.1558	28.0718	5.82908	7.01587	4.71781
0.516037	74.2292	80.6521	15.6478	12.7021	28.7568	5.84156	6.96653	4.71969
0.517037	75.0488	81.3356	16.1047	12.7021	29.8164	5.85808	6.47308	4.72675
0.518037	75.0488	81.3356	15.6478	14.088	29.8123	5.87584	7.2626	4.72969
0.519037	75.0488	81.1989	16.3332	14.7509	30.2566	5.89313	7.95342	4.73969

0.520037	74.7756	81.6091	18.5818	15.2972	30.8598	5.91062	7.31194	4.74489
0.521038	75.0488	81.3356	18.9042	15.1808	30.658	5.82625	7.80801	4.74781
0.522038	75.1854	81.4724	18.9042	15.1808	30.5501	5.93781	7.55866	4.75489
0.523038	75.1854	81.1989	17.0185	16.5284	30.7743	5.95656	7.80538	4.75838
0.524038	75.1854	81.6091	17.2489	16.5284	30.3644	5.98868	7.95342	4.76408
0.525038	75.0488	81.4724	18.79	15.1608	29.7875	5.97858	8.64556	4.78719
0.526038	74.7756	81.3356	18.9042	16.2533	29.5837	5.98844	8.94032	4.75437
0.527038	74.9122	81.1989	17.4753	15.5704	28.8282	5.98489	9.18704	4.74344
0.528038	75.3221	81.1989	18.3332	14.6143	28.2287	5.95844	9.039	4.73489
0.529038	74.7756	80.9255	17.2489	17.3458	28.9523	6.02281	9.87788	4.78437
0.530038	74.7756	81.3356	17.7038	18.7118	29.3395	6.04989	10.618	4.7975
0.531038	74.7756	81.3356	17.818	18.302	29.4903	6.05594	10.322	4.79856
0.532038	74.7756	81.1989	18.1606	19.2581	29.7593	6.07312	10.9834	4.80594
0.533038	74.7756	81.6091	17.818	19.941	29.2783	6.08281	11.2595	4.81031
0.534038	74.7756	81.0622	18.8802	20.3507	29.8081	6.09719	11.753	4.81594
0.535038	74.7756	81.3356	19.417	20.4873	29.1316	6.10719	11.901	4.81989
0.536038	74.5024	80.9255	18.7317	20.8971	28.7811	6.11844	12.4438	4.82406
0.537038	74.639	81.0622	19.8455	22.2829	29.0258	6.13084	12.9372	4.83084
0.538038	74.7756	81.3356	19.9881	22.8082	28.2308	6.14094	13.1348	4.83594
0.539038	75.0488	81.3356	21.0181	23.3556	29.1805	6.15188	13.7781	4.84375
0.540038	75.0488	81.1989	19.8881	24.3116	30.3586	6.16806	13.8281	4.83906
0.541038	74.9122	80.9255	21.6872	25.9506	29.9794	6.15125	14.811	4.82937
0.542038	74.9122	81.1989	21.8156	26.9067	31.0392	6.13488	14.5163	4.81437
0.543038	74.7756	81.4724	21.7014	27.7262	31.3164	6.13031	14.7138	4.80825
0.544038	75.0488	81.0622	22.7293	28.2725	30.7457	6.18489	15.1084	4.84989
0.545038	75.4587	81.8826	23.3004	30.4578	31.5385	6.21844	15.2584	4.87084
0.546038	74.7756	81.3356	23.6431	30.4578	31.1126	6.22084	15.5032	4.87084
0.547038	75.0488	81.3356	24.7853	31.2773	30.8805	6.23281	15.5525	4.87687
0.548038	74.7756	81.0622	24.7853	31.9802	30.5884	6.23844	15.7489	4.87937
0.54904	74.9122	81.3356	25.4706	32.37	28.8952	6.24813	15.9473	4.88344
0.55004	74.9122	81.0622	27.2981	32.8431	28.512	6.26125	15.9473	4.89187
0.55104	74.7756	81.3356	27.0886	33.5982	29.2987	6.26887	16.0953	4.89218
0.55204	75.0488	81.7458	28.0976	33.7358	29.3925	6.27875	16.6381	4.89844
0.55304	74.7756	81.0622	29.1255	34.8819	29.5229	6.28813	16.048	4.90084
0.55404	75.0488	81.0622	30.7246	34.8285	30.3137	6.29875	16.6381	4.90856
0.55504	74.7756	81.0622	32.0952	36.0577	28.8327	6.30312	16.5394	4.91082
0.55604	75.0488	81.1989	32.4379	36.4674	29.837	6.29868	16.7881	4.90489
0.55704	74.7756	81.3356	33.9227	36.3309	29.8142	6.2825	17.0328	4.88844
0.55804	74.7756	81.3356	35.1791	39.7454	28.8237	6.28858	17.1315	4.87531
0.55904	74.7756	81.3356	37.0066	42.4771	29.1805	6.30906	16.9342	4.90856
0.56004	74.9122	81.0622	38.8483	43.16	28.8343	6.35812	17.0328	4.94084
0.56104	74.9122	81.1989	40.7768	45.2087	28.1167	6.36489	17.0822	4.93781
0.56204	74.7756	81.1989	41.0042	46.0282	29.0083	6.36437	16.7388	4.94218
0.563041	74.639	81.1989	43.7454	46.5745	28.8898	6.37437	17.5283	4.94812
0.564041	74.9122	80.9255	46.0288	47.8872	29.8835	6.38408	16.9342	4.95156
0.565041	75.0488	81.1989	47.8573	48.5783	30.8316	6.39408	16.9342	4.95906
0.566041	74.7756	81.3356	50.1416	51.0817	30.8479	6.39869	16.9342	4.96281
0.567041	75.0488	81.3356	52.426	53.95	30.8944	6.40869	16.9342	4.96812
0.568041	74.7756	81.1989	54.9388	57.2279	30.9414	6.41719	17.0822	4.97031
0.569041	75.3221	81.0622	57.4518	59.1401	30.5175	6.42489	16.9342	4.97531
0.570041	75.0488	81.4724	59.8844	62.1449	30.5501	6.43094	17.2796	4.97906
0.571041	74.7756	80.7888	62.2487	63.7839	28.8789	6.41989	16.8355	4.98844

0.572041	74.7756	80.7888	85.8753	87.8813	28.4224	6.39969	17.0328	4.95469
0.573041	75.0488	81.7458	86.5307	70.3398	28.8422	6.38594	16.9342	4.93625
0.574041	75.3221	81.3358	71.6148	74.4373	29.3436	6.41281	17.2302	4.95906
0.575041	75.0488	81.1889	75.3838	77.3055	29.8164	6.48489	17.0822	5.01344
0.576041	74.7756	81.4724	78.8103	81.8127	29.8207	6.48094	17.1809	5.00469
0.577042	74.7756	81.8081	82.1228	84.8175	29.9142	6.48989	17.2302	5.01375
0.578042	74.839	81.3358	85.7778	88.1882	29.7348	6.49094	17.0328	5.01344
0.579042	74.9122	80.8521	89.4328	92.4681	29.4903	6.50094	17.2302	5.01719
0.580042	75.0488	81.3358	92.5164	94.8248	29.4168	6.51158	17.3289	5.02656
0.581042	74.9122	81.3358	98.7425	99.2952	29.1683	6.52594	17.4278	5.03531
0.582042	75.3221	81.0822	100.74	102.163	28.4835	6.52989	17.625	5.03719
0.583042	75.0488	80.9255	108.108	108.944	28.0718	6.53875	17.3289	5.04437
0.584042	75.1854	81.3358	107.707	108.856	27.7947	6.54219	17.625	5.04489
0.585042	74.9122	80.8521	111.362	112.544	28.4427	6.54719	17.5756	5.04666
0.586042	74.7756	81.3358	114.448	118.095	29.2009	6.53489	17.8224	5.03344
0.587042	74.7756	81.3358	116.845	118.417	29.4903	6.50989	17.5756	5.01408
0.588042	75.0488	81.3358	119.815	122.104	30.2484	6.49658	17.7237	5.00344
0.589042	75.0488	81.7458	122.213	125.792	30.2882	6.49825	18.0197	5.00158
0.590042	74.7756	81.3358	123.584	127.431	30.2588	6.57489	18.1184	5.06344
0.591043	74.7756	81.8091	125.754	130.573	30.8316	6.56889	18.1184	5.05858
0.592043	74.7756	81.8091	127.81	133.677	30.2729	6.57489	18.2885	5.05837
0.593043	74.7756	81.0822	130.208	133.714	29.5188	6.58187	18.2171	5.06344
0.594043	75.0488	81.3358	130.779	133.714	28.7444	6.58219	18.5825	5.06489
0.595043	74.839	81.1889	132.721	134.28	28.5854	6.58844	18.8083	5.06489
0.596043	74.5024	81.3358	132.835	135.899	28.9198	6.58687	19.1053	5.06344
0.597043	74.9122	81.1889	133.978	136.448	28.4689	6.59158	19.0086	5.06858
0.598043	75.0488	81.0822	134.777	138.631	28.9713	6.59719	19.3027	5.07094
0.599043	75.1854	81.3358	135.12	139.724	28.7308	6.60281	19.204	5.07158
0.600043	75.1854	81.1889	135.577	139.587	28.7838	6.60344	19.5001	5.07344
0.601043	74.9122	81.3358	135.12	140.408	30.0283	6.59531	19.4507	5.06825
0.602043	75.0488	81.1889	136.378	141.089	28.8571	6.57488	19.5484	5.04844
0.603043	74.2282	81.0822	137.29	141.636	28.4984	6.55281	19.9442	5.02844
0.604043	75.0488	81.3358	138.947	141.383	29.3436	6.53344	20.0822	5.01489
0.605044	75.0488	81.0822	139.117	143.002	28.9971	6.58594	20.2403	5.05989
0.606044	74.5024	81.3358	138.86	142.728	28.3531	6.61781	20.487	5.06219
0.607044	74.9122	81.3358	139.574	143.548	28.1574	6.61094	20.783	3.39408
0.608044	74.7756	81.3358	133.978	144.504	28.9645	6.61582	20.783	0.134887
0.609044	75.5853	81.3358	122.784	142.455	29.4006	6.61344	20.8817	0.198437
0.610044	75.1854	81.3358	133.835	133.987	29.8853	6.61408	21.0791	-0.002188
0.611044	75.3221	81.3358	135.919	130.982	30.3483	6.61858	21.2271	0.010313
0.612044	75.1854	81.3358	138.888	134.807	30.4767	6.61719	21.4739	-0.006875
0.613044	74.3658	81.3358	141.973	141.228	30.5378	6.61812	21.8712	-0.005313
0.614044	74.9122	80.7888	143.888	148.328	30.4889	6.61781	21.7208	-0.007813
0.615044	74.7756	81.3358	145.828	163.855	30.2403	6.61594	21.8886	-0.0075
0.616044	75.1854	81.3358	148.283	155.977	28.5983	6.61489	22.088	-0.005
0.617044	74.9122	81.3358	153.851	156.523	28.3816	6.60219	22.1647	-0.008438
0.618044	75.0488	81.1889	157.508	158.299	28.6485	6.57219	22.8082	-0.007913
0.619045	74.9122	81.0822	162.889	181.577	28.1398	6.54936	22.5595	-0.010313
0.620045	75.0488	81.1889	168.187	187.859	28.7022	6.58219	22.7075	-0.00875
0.621045	75.3221	81.8091	189.385	173.05	30.0772	6.62937	22.8555	-0.010313
0.622045	75.0488	81.8081	172.24	176.484	30.0854	6.61188	22.8555	-0.010313
0.623045	74.7756	81.1889	175.867	180.152	30.2974	6.61719	23.2009	-0.008125

0.624045	75.1854	80.8521	178.751	182.884	30.4359	6.61219	23.1022	-0.010313
0.625045	75.0488	81.4724	182.883	185.615	30.1751	6.60908	23.2503	-0.0075
0.626045	74.7758	81.3356	188.175	188.347	30.0385	6.61219	23.5463	-0.009888
0.627045	75.0488	81.0822	189.802	191.898	29.7919	6.60719	23.3983	-0.010313
0.628045	75.1854	81.1989	192.229	194.63	29.4882	6.60489	23.8424	-0.010938
0.629045	75.5953	81.3356	194.858	198.454	28.6547	6.60489	23.645	-0.011563
0.630045	74.7758	81.3356	198.188	201.732	28.7362	6.60261	24.0398	-0.012813
0.631045	74.7758	80.9255	200.338	204.054	29.633	6.60489	24.0891	-0.011563
0.632048	75.0488	81.3356	203.194	205.829	29.8816	6.59875	24.2372	-0.010313
0.633048	74.3658	81.3356	205.706	208.424	30.2321	6.56489	24.2372	-0.0125
0.634048	75.0488	81.3356	208.219	210.81	30.8071	6.53825	24.2372	-0.010938
0.635048	74.9122	81.1989	210.96	214.98	30.5827	6.52094	24.2372	-0.010825
0.636048	74.9122	81.1989	213.016	219.214	30.4885	6.58844	24.5332	-0.010313
0.637048	75.0488	81.3356	216.443	219.624	30.3177	6.59082	24.7306	-0.010825
0.638048	75.0488	81.3356	219.184	221.673	29.9753	6.58594	24.8293	-0.009063
0.639048	75.3221	81.3356	221.012	224.404	29.3313	6.57969	24.8293	-0.01125
0.640048	75.0488	81.6091	223.296	226.317	28.5628	6.57531	24.8293	-0.012188
0.641048	74.9122	81.6091	225.466	228.775	28.1248	6.58281	25.4214	-0.012188
0.642048	74.9122	81.6091	227.865	230.687	28.512	6.58408	25.2241	-0.012813
0.643048	75.0488	81.3356	230.377	235.604	28.9523	6.57969	25.5201	-0.009063
0.644048	75.7319	81.4724	233.233	237.243	29.3069	6.57156	25.8188	-0.009375
0.645048	75.7319	81.0822	236.088	238.585	29.3109	6.57344	25.8188	-0.011875
0.646047	74.7758	81.1989	238.601	242.024	29.474	6.57658	25.8182	-0.010938
0.647047	75.0488	81.8828	241.114	245.711	29.5837	6.57219	25.9642	-0.010313
0.648047	74.9122	82.0193	244.084	248.17	29.3843	6.54489	26.1618	-0.011875
0.649047	75.4587	81.3356	247.053	250.062	28.1561	6.51808	26.1618	-0.007813
0.650047	74.7758	81.3356	249.809	253.633	28.8826	6.49989	26.3098	-0.010825
0.651047	74.7758	81.8828	252.307	256.365	28.6302	6.53813	26.8031	-0.009375
0.652047	75.0488	81.6091	255.048	258.277	28.0066	6.58158	26.8031	-0.012188
0.653047	75.1854	81.3356	257.79	262.647	28.4631	6.58344	26.8524	-0.012188
0.654047	75.3221	81.1989	259.848	265.925	29.1234	6.58844	26.8031	-0.011563
0.655047	74.9122	81.3356	264.072	268.247	29.5147	6.58408	27.1979	-0.010938
0.656047	75.0488	81.3356	266.584	269.613	29.7919	6.58889	27.4446	-0.011875
0.657047	75.1854	81.3356	269.688	273.028	30.0243	6.57219	27.2865	-0.011563
0.658047	75.1854	81.6091	271.153	275.896	30.1099	6.58408	27.8913	-0.010825
0.659047	74.7758	81.3356	274.008	278.628	30.0772	6.58856	27.8393	-0.010938
0.660048	74.9122	81.3356	276.978	281.223	29.9509	6.58989	27.8887	-0.011563
0.661048	74.7758	82.0193	280.291	284.227	29.5351	6.57187	27.8913	-0.011563
0.662048	75.0488	81.0822	282.889	285.73	29.0175	6.58989	28.5302	-0.012813
0.663048	75.1854	80.9255	284.973	287.389	28.8384	6.55344	28.5795	-0.010938
0.664048	75.0488	80.8521	287.029	290.374	27.9088	6.52719	28.5795	-0.010938
0.665048	74.9122	81.3356	288.857	292.696	27.493	6.51084	28.7276	-0.012188
0.666048	75.1854	81.0822	290.913	296.247	28.0311	6.50719	28.8282	-0.011875
0.667048	75.1854	81.3356	294.111	298.159	28.512	6.58219	28.8756	-0.010313
0.668048	75.0488	81.1989	296.988	300.617	28.6508	6.58989	28.8756	-0.012188
0.669048	74.7758	81.3356	299.137	303.895	28.7851	6.57437	29.073	-0.009063
0.670048	75.1854	81.4724	301.649	306.354	28.9482	6.57281	29.1718	-0.010825
0.671048	75.0488	81.3356	304.647	308.403	28.8422	6.57969	29.4184	-0.009375
0.672048	74.9122	81.1989	307.246	312.09	28.7199	6.57594	29.5884	-0.010313
0.673048	74.7758	81.6091	310.558	314.412	28.5324	6.57906	29.8131	-0.011875
0.674049	75.0488	81.3356	314.442	316.734	28.2348	6.58219	30.0598	-0.012813
0.675049	75.1854	80.3786	317.297	321.241	27.7783	6.58687	29.7638	-0.012188

0.676049	75.1854	81.3356	320.381	324.656	28.3327	6.58812	30.1585	-0.010313
0.677049	75.1854	81.3356	324.036	327.387	28.9808	6.58406	29.9612	-0.011563
0.678049	75.3221	81.1989	328.435	330.665	29.205	6.58562	29.9612	-0.010938
0.679049	75.1854	81.3356	330.661	334.763	29.69	6.58812	29.8625	-0.010313
0.680049	74.639	81.3356	334.316	338.314	30.2158	6.54489	29.7638	-0.010313
0.681049	75.1854	81.0822	338.199	342.411	30.0202	6.52219	29.9118	-0.009688
0.682049	75.1854	81.1989	342.425	344.733	29.9957	6.58969	30.0598	-0.010625
0.683049	74.9122	81.1989	345.281	348.894	30.4278	6.60344	29.9118	-0.012813
0.684049	75.3221	81.1989	349.392	352.519	29.4944	6.59781	30.1585	-0.012188
0.685049	75.3221	81.0822	353.276	356.07	29.5025	6.60469	30.1585	-0.011875
0.686049	75.1854	81.0822	357.388	360.714	29.4088	6.60158	30.1092	-0.010938
0.687049	75.7319	81.3356	362.185	365.904	28.0677	6.60375	30.1092	-0.012188
0.68805	75.0488	80.7888	367.439	371.084	27.8069	6.60582	30.1092	-0.011875
0.68905	74.7756	81.4724	372.236	374.372	28.4142	6.60938	30.3066	-0.011563
0.69005	74.7756	81.1989	377.716	378.742	28.2471	6.61469	30.6039	-0.010313
0.69105	75.1854	81.0822	382.401	385.435	28.4591	6.60908	30.1585	-0.012188
0.69205	75.1854	81.0822	387.084	388.303	29.2131	6.61469	30.1585	-0.012813
0.69305	75.1854	81.3356	392.587	394.04	28.8137	6.61844	30.2572	-0.011563
0.69405	74.7756	81.3356	397.935	398.957	29.1153	6.61094	29.8851	-0.013125
0.69505	75.0488	80.7888	402.181	404.147	28.6869	6.57781	30.1585	-0.012813
0.69605	75.0488	81.3356	408.9	410.978	28.5365	6.55781	30.652	-0.010313
0.69705	75.4587	81.3356	415.182	418.215	28.1044	6.56562	30.2572	-0.010313
0.69805	75.5953	81.3356	420.779	422.175	27.782	6.64406	30.7013	-0.010938
0.69905	74.9122	81.3356	426.604	427.638	27.8191	6.62875	30.3559	-0.010313
0.70005	75.0488	81.3356	432.086	433.648	28.834	6.62584	30.4548	-0.010625
0.70105	75.1854	81.3356	438.254	440.887	29.3517	6.62825	30.852	-0.012188
0.702051	75.3221	81.3356	444.878	448.76	29.837	6.63188	30.6039	-0.012188
0.703051	75.4587	81.4724	451.846	451.85	29.8979	6.63844	30.852	-0.010625
0.704051	75.1854	81.3356	457.214	457.887	30.3137	6.63531	30.7013	-0.009083
0.705051	75.4587	81.6091	463.039	463.014	30.4522	6.63312	30.3559	-0.012188
0.706051	74.7756	81.3356	468.884	470.252	30.3993	6.63989	30.8987	-0.0125
0.707051	74.7756	81.3356	475.603	476.282	30.5297	6.64406	31.0981	-0.0125
0.708051	75.4587	81.3356	481.428	481.589	30.0528	6.64375	31.1454	-0.012188
0.709051	75.3221	81.3356	487.253	488.281	29.7308	6.63812	31.1454	-0.011563
0.710051	75.3221	81.6091	492.738	493.198	28.2838	6.60989	31.0467	-0.010938
0.711051	75.3221	81.8826	498.447	498.798	27.9985	6.59656	31.0961	-0.011563
0.712051	75.0488	80.7888	503.701	504.398	28.4284	6.58687	31.3428	-0.012188
0.713051	75.1854	81.3356	509.528	510.134	29.0705	6.62219	31.3428	-0.012188
0.714051	75.1854	81.3356	515.237	514.505	29.0256	6.64469	31.4415	-0.012188
0.715051	75.0488	81.3356	520.719	518.068	28.6058	6.63908	31.7376	-0.010938
0.716052	75.0488	81.3356	522.204	520.651	29.7756	6.63781	30.9481	-0.015313
0.717052	75.0488	81.3356	527.915	527.207	29.0501	6.63489	31.4908	-0.013125
0.718052	75.0488	81.3356	532.027	530.896	28.6588	6.63344	32.1817	-0.012188
0.719052	75.0488	81.0822	536.138	535.539	29.2335	6.63062	32.231	-0.010938
0.720052	74.7756	81.3356	540.707	540.319	28.1044	6.63719	32.3297	-0.013438
0.721052	75.0488	81.3356	545.39	544.553	27.8273	6.63469	32.4284	-0.011563
0.722052	75.0488	81.3356	549.502	549.197	27.8843	6.63469	32.5271	-0.011563
0.723052	75.1854	81.3356	553.814	553.704	28.1248	6.63125	32.4284	-0.010938
0.724052	74.7756	81.3356	558.982	558.075	28.8014	6.63188	32.8725	-0.01125
0.725052	75.0488	81.3356	562.98	562.582	29.4984	6.61584	32.7245	-0.010938
0.726052	75.3221	81.3356	568.919	568.953	29.4903	6.58469	32.5784	-0.010313
0.727052	74.7756	81.0822	573.145	570.64	30.012	6.55989	32.4284	-0.013438

0.728052	75.0488	81.3358	578.572	575.148	30.4686	6.66158	33.0206	-0.01126
0.728052	75.3221	81.3358	581.483	579.518	30.0835	6.63219	33.6127	-0.011563
0.730053	74.5024	81.3358	585.595	584.846	30.4787	6.61781	33.2673	-0.012813
0.731053	74.7756	81.1989	589.138	588.889	30.1508	6.62908	33.2179	-0.010313
0.732053	75.1854	81.4724	594.181	593.178	29.0093	6.62219	33.4153	-0.010938
0.733053	75.4587	81.4724	597.474	596.454	27.9618	6.61658	33.2673	-0.012813
0.734053	75.3221	81.1989	601.128	600.006	28.3812	6.61719	33.4646	-0.010313
0.735053	75.0488	81.3358	604.783	604.649	28.7974	6.62084	33.4646	-0.011563
0.736053	75.3221	81.1989	608.438	607.791	29.0093	6.61812	33.514	-0.010313
0.737053	75.3221	81.1989	611.638	611.089	29.2783	6.61858	33.662	-0.010938
0.738053	75.1854	81.0822	613.821	613.117	29.3191	6.60781	33.3188	-0.012813
0.739053	75.1854	81.3358	618.033	617.351	29.2335	6.61489	33.8594	-0.012188
0.740053	75.1854	81.3358	621.688	621.312	29.4292	6.61489	34.2048	-0.010938
0.741053	74.5024	81.3358	624.657	623.771	29.0864	6.59281	33.7114	-0.011563
0.742053	75.3221	81.3358	627.627	626.639	28.777	6.58837	33.7114	-0.012188
0.743053	75.3221	81.3358	629.911	629.917	28.3735	6.53781	33.6127	-0.011563
0.744054	75.4587	81.3358	632.985	633.068	27.8988	6.59889	33.9087	-0.010938
0.745054	75.7319	81.4724	636.422	636.79	27.5949	6.61837	33.9087	-0.012813
0.746054	75.1854	81.1989	638.82	637.975	27.2974	6.61582	33.9087	-0.010313
0.747054	75.4587	81.8091	641.79	642.209	27.8354	6.61219	33.7114	-0.010313
0.748054	75.3221	81.1989	644.074	643.029	28.7974	6.60889	34.0588	-0.011563
0.749054	75.3221	81.0822	646.473	646.214	28.9849	6.60808	33.1192	-0.014063
0.750054	75.3221	81.3358	650.128	648.902	29.262	6.61989	33.8594	-0.012188
0.751054	75.3221	80.7888	653.44	652.18	29.8818	6.61937	34.0074	-0.011563
0.752054	75.0488	81.7458	656.725	654.911	29.4332	6.61375	33.9087	-0.011875
0.753054	75.0488	81.3358	658.58	657.643	29.4577	6.61658	34.4022	-0.011563
0.754054	75.1854	81.0822	661.083	660.375	28.7348	6.61582	34.2541	-0.010938
0.755054	75.7319	81.3358	662.92	662.56	29.0012	6.61719	34.4022	-0.010313
0.756054	75.0488	81.1989	665.547	665.565	27.8724	6.60719	34.1555	-0.012813
0.757055	74.839	81.1989	667.832	667.887	27.8801	6.57489	34.4515	-0.010938
0.758055	75.0488	81.3358	671.258	670.482	28.1483	6.55437	34.5502	-0.010938
0.759055	75.3221	81.7458	672.4	672.887	28.2675	6.55719	34.5996	-0.011563
0.760055	75.1854	81.4724	675.827	674.989	28.7688	6.62989	34.5009	-0.010313
0.761055	74.9122	81.3358	678.512	678.901	28.9033	6.61408	34.9943	-0.011563
0.762055	75.0488	81.8091	678.71	680.589	28.9237	6.62187	34.7889	-0.01125
0.763055	75.4587	81.3358	681.995	682.638	28.6914	6.61989	34.5009	-0.011875
0.764055	75.3221	81.3358	683.708	684.55	28.8055	6.62825	34.9943	-0.009688
0.765055	75.3221	81.4724	685.992	687.891	28.7729	6.62719	34.945	-0.010313
0.766055	75.3221	81.1989	687.02	689.467	28.137	6.62158	35.093	-0.010313
0.767055	75.0488	81.8826	688.734	689.082	27.8517	6.62344	35.241	-0.01125
0.768055	75.5953	81.3358	690.875	695.34	27.7213	6.62531	35.093	-0.010625
0.769055	75.1854	81.0822	691.475	698.891	27.1588	6.63219	35.1917	-0.011875
0.770055	75.1854	81.3358	692.98	699.164	27.4604	6.62989	35.5865	-0.011563
0.771058	75.0488	81.0822	694.102	702.189	28.3288	6.62489	35.4878	-0.011563
0.772058	75.1854	81.8091	693.873	704.901	28.6914	6.60219	35.241	-0.013438
0.773058	75.3221	81.3358	694.33	708.681	29.0093	6.58281	35.6825	-0.011875
0.774058	75.3221	81.3358	693.873	710.637	29.2908	6.58489	35.3891	-0.012813
0.775058	74.7756	81.3358	694.559	714.062	29.6044	6.58887	35.6358	-0.010313
0.776058	75.1854	81.3358	693.531	716.51	29.5147	6.63989	35.8332	-0.010938
0.777058	75.8885	81.1989	693.188	719.925	29.5555	6.63031	35.6851	-0.012188
0.778058	75.5953	81.3358	692.18	721.873	29.1153	6.63875	36.0799	-0.01125
0.779058	75.1854	81.1989	692.617	725.934	28.3735	6.63594	36.0799	-0.010625

0.780058	74.9122	81.4724	692.388	729.212	27.2362	6.63489	36.0799	-0.011563
0.781058	75.1854	81.3356	692.274	729.895	27.8843	6.63719	36.1292	-0.011563
0.782058	74.9122	81.3356	693.645	732.763	28.3612	6.64125	36.1292	-0.007813
0.783058	75.0488	81.3356	692.503	735.768	28.887	6.64313	36.3266	-0.012813
0.784058	75.1854	81.3356	693.416	739.456	29.1234	6.63989	36.672	-0.012188
0.785057	75.3221	81.7458	693.873	741.914	29.2763	6.63625	36.4253	-0.010313
0.786057	75.0488	80.7888	695.244	745.056	29.4373	6.64375	36.672	-0.01125
0.787057	74.639	81.3356	695.815	748.061	29.4698	6.63989	36.5733	-0.011563
0.788057	75.0488	81.3356	696.957	750.792	29.2702	6.61469	36.4747	-0.011563
0.789057	75.1854	81.3356	697.414	752.704	29.2702	6.58562	36.7707	-0.010313
0.790057	74.7756	81.3356	697.757	755.163	29.0827	6.56781	36.9681	-0.010313
0.791057	75.3221	81.3356	698.87	758.168	28.5406	6.63489	36.8694	-0.0125
0.792057	75.0488	81.4724	698.899	758.987	28.1044	6.65156	36.9186	-0.011675
0.793057	75.0488	81.3356	699.813	761.992	28.1044	6.64687	36.9681	-0.009375
0.794057	75.0488	81.3356	699.356	763.358	28.6669	6.64281	36.672	-0.011563
0.795057	75.0488	81.0622	699.242	766.069	29.1316	6.64219	36.8694	-0.013438
0.796057	75.1854	81.3356	698.899	769.275	29.584	6.64959	37.2642	-0.010938
0.797057	75.1854	81.3356	698.442	770.187	29.849	6.65406	37.3629	-0.011563
0.798057	75.3221	81.3356	697.757	771.826	29.9101	6.64908	37.0174	-0.010938
0.799058	74.639	81.3356	696.815	774.284	29.9657	6.66125	37.0668	-0.009375
0.800058	75.0488	81.3356	696.159	775.65	29.8653	6.65094	37.2642	-0.010313
0.801058	75.1854	81.1889	694.787	778.665	29.5147	6.64719	37.2642	-0.010625
0.802058	75.1854	81.3356	693.759	779.884	29.0908	6.64406	37.2642	-0.011875
0.803058	75.3221	81.1889	692.274	781.113	28.3327	6.63094	37.4615	-0.011563
0.804058	75.3221	81.6091	692.503	783.845	27.6316	6.59999	37.6096	-0.008438
0.805058	75.1854	81.3356	689.305	784.118	27.7783	6.57999	37.4615	-0.014063
0.806058	74.639	81.3356	689.305	787.396	28.1248	6.58406	37.8563	-0.010625
0.807058	75.5953	81.3356	688.391	789.035	28.4794	6.65489	37.4615	-0.013438
0.808058	75.1854	81.7458	686.449	789.991	28.6262	6.63687	37.3629	-0.010938
0.809058	75.1854	81.3356	684.984	791.63	28.4794	6.64187	37.4615	-0.011875
0.810058	75.4587	81.4724	683.365	793.133	28.8544	6.63844	37.4615	-0.012813
0.811058	75.0488	81.3356	681.995	794.225	28.9196	6.63969	37.2146	-0.010625
0.812058	75.3221	81.3356	680.624	796.001	28.6089	6.6375	37.3629	-0.010313
0.813058	75.1854	81.0622	879.71	796.889	28.2638	6.63406	37.5602	-0.01125
0.814058	75.1854	81.4724	878.225	798.732	27.9047	6.63375	37.6086	-0.010938
0.815058	75.0488	80.9255	677.654	800.235	27.5501	6.63969	37.6086	-0.007813
0.816058	75.0488	81.1889	675.941	801.874	27.0773	6.63937	37.3629	-0.012813
0.817058	75.1854	81.1889	675.599	802.967	27.6479	6.63856	37.7576	-0.012813
0.818058	75.3221	81.6091	675.027	805.015	28.3001	6.63219	37.5602	-0.011563
0.819058	75.0488	81.4724	674.228	806.245	28.349	6.62261	37.4615	-0.011875
0.820058	75.1854	81.6091	673.771	808.157	28.4264	6.59375	37.4122	-0.012813
0.821058	75.3221	81.6091	673.314	808.976	29.2665	6.56969	37.4615	-0.01125
0.822058	75.3221	81.6091	671.943	810.069	28.6669	6.58312	37.7576	-0.010938
0.823058	75.1854	81.6091	672.286	810.615	28.6384	6.64469	37.4122	-0.012188
0.824058	75.4587	81.3356	671.715	812.8	28.7892	6.62969	37.8589	-0.011875
0.825058	75.0488	81.8826	671.03	813.347	27.815	6.63969	37.3629	-0.010938
0.826058	75.1854	81.0622	671.03	814.303	27.811	6.63094	37.4615	-0.009063
0.82706	75.1854	81.1889	669.088	815.532	27.224	6.62844	37.3629	-0.012813
0.82806	75.3221	81.3356	668.517	815.805	28.3436	6.62906	37.4615	-0.010938
0.82906	75.1854	81.4724	667.261	816.488	28.9843	6.63031	37.4122	-0.0125
0.83006	75.5953	81.6091	666.461	817.581	28.4455	6.63687	37.4615	-0.009375
0.83106	75.1854	81.3356	666.004	818.537	28.5586	6.63219	37.6589	-0.009375

0.83206	75.1854	81.6091	665.09	819.22	27.2566	6.62844	37.4615	-0.01125
0.83306	75.4587	81.4724	664.882	819.22	27.1832	6.63125	37.4615	-0.010938
0.83406	75.3221	81.6091	664.634	819.358	27.4278	6.63156	37.3135	-0.01125
0.83506	75.3221	81.3356	663.491	821.815	27.4808	6.60612	37.3135	-0.011583
0.83606	75.4587	81.6091	663.263	820.859	27.436	6.58094	37.4615	-0.010313
0.83706	75.3221	81.6091	664.634	821.542	27.1832	6.55656	37.6589	-0.010313
0.83806	75.0488	81.3356	662.806	822.908	27.2485	6.58869	37.6002	-0.011583
0.83906	75.1854	81.3356	663.606	824.273	28.7023	6.64344	37.607	-0.012813
0.84006	75.0488	80.7888	663.491	824.82	26.5911	6.63156	37.5802	-0.011875
0.841061	75.3221	81.3356	664.177	825.912	27.224	6.63219	37.6589	-0.011875
0.842061	75.3221	81.3356	664.063	827.005	27.4849	6.62869	37.6589	-0.010938
0.843061	75.3221	81.3356	664.519	827.278	28.0963	6.62844	37.7083	-0.012188
0.844061	74.7756	81.3356	665.547	829.19	28.5243	6.63781	37.6589	-0.010625
0.845061	75.3221	81.1989	666.69	830.829	28.4876	6.63594	37.6589	-0.010313
0.846061	75.1854	81.4724	667.146	832.195	28.8707	6.63219	37.6109	-0.013438
0.847061	75.4587	81.3356	667.832	832.878	28.8218	6.63406	37.2642	-0.012188
0.848061	75.4587	81.3356	670.002	833.015	28.8707	6.63719	37.6589	-0.007813
0.849061	75.0488	81.3356	670.459	835.063	28.4713	6.63669	37.4615	-0.011875
0.850061	74.839	81.3356	672.4	838.839	28.5996	6.63594	37.3629	-0.010625
0.851061	74.5024	81.1989	673.657	838.205	28.0392	6.61156	37.5802	-0.011583
0.852061	75.4587	81.3356	675.599	839.024	27.3826	6.58844	37.4615	-0.011583
0.853061	75.1854	81.3356	676.284	839.024	28.8898	6.58938	37.4615	-0.010938
0.854061	75.5953	81.7458	678.225	840.663	26.8082	6.60219	37.3135	-0.011583
0.855062	74.7756	81.3356	680.396	841.892	27.2159	6.64989	37.4122	-0.013125
0.856062	75.3221	81.1989	682.908	843.806	27.7783	6.63281	37.1655	-0.012188
0.857062	75.4587	80.6521	684.85	845.853	27.4523	6.64344	37.4615	-0.011875
0.858062	75.4587	81.4724	686.563	846.946	26.0148	6.64344	37.4615	-0.011583
0.859062	75.7319	81.1989	688.182	848.585	28.1004	6.63669	37.3629	-0.007813
0.860062	74.839	81.3356	690.218	849.404	27.5908	6.63781	37.1655	-0.012188
0.861062	75.8885	81.3356	692.389	851.043	26.0066	6.63669	37.4615	-0.011875
0.862062	75.3221	81.3356	694.33	853.502	27.4767	6.64406	37.5802	-0.011583
0.863062	75.3221	81.1989	696.615	855.414	27.114	6.64844	37.4615	-0.010938
0.864062	75.7319	81.6091	698.442	856.507	26.7104	6.64406	37.5802	-0.011583
0.865062	75.3221	81.6091	700.855	858.785	27.4971	6.64344	37.4615	-0.012188
0.866062	75.3221	81.4724	703.81	860.468	27.8354	6.64489	37.6589	-0.010313
0.867062	75.1854	81.7458	705.295	862.79	26.5406	6.63406	37.6589	-0.011583
0.868063	75.3221	81.4724	708.036	865.521	26.7888	6.59869	37.6589	-0.010938
0.869063	75.3221	81.3356	710.082	866.204	29.0627	6.57344	37.9057	-0.010313
0.870063	75.1854	80.9255	712.605	868.389	29.7022	6.59906	37.8563	-0.010625
0.871063	75.3221	81.7458	714.889	869.619	29.2376	6.65969	37.9057	-0.013125
0.872063	75.0488	81.3356	718.945	872.35	29.4088	6.64719	37.955	-0.010938
0.873063	75.1854	81.3356	718.887	873.308	29.6696	6.65094	38.2511	-0.010938
0.874063	75.3221	81.4724	720.829	874.945	28.8887	6.64219	38.1524	-0.011583
0.875063	75.3221	81.6091	723.57	877.131	28.7485	6.64489	38.2511	-0.011583
0.876063	75.3221	81.3356	725.626	879.726	27.3055	6.64656	38.5965	-0.010625
0.877063	75.5953	81.6091	727.453	880.818	26.2784	6.65219	38.4484	-0.011875
0.878063	75.3221	81.3356	729.395	882.048	27.4197	6.64625	38.3991	-0.012188
0.879063	75.1854	81.3356	731.794	884.916	27.8153	6.64219	38.5471	-0.011875
0.880063	74.7756	81.3356	733.164	885.189	27.5093	6.64719	38.7445	-0.012813
0.881063	75.3221	81.0622	734.763	886.282	27.5582	6.65281	38.7445	-0.010313
0.882064	75.0488	81.3356	736.705	888.74	28.0311	6.65156	38.8925	-0.010313
0.883064	75.3221	81.7458	738.19	889.56	27.8724	6.63875	39.0406	-0.010313

0.884084	75.3221	81.1989	740.017	891.882	27.1506	6.80489	39.4353	-0.010313
0.885084	75.3221	80.7888	741.845	892.838	27.4034	6.58594	39.2873	-0.012613
0.886084	75.3221	81.4724	743.216	894.75	28.955	6.58856	39.388	-0.01125
0.887084	75.1854	80.9255	744.929	896.252	28.3843	6.85719	39.386	-0.011563
0.888084	74.9122	81.4724	746.185	896.389	26.0338	6.84344	39.238	-0.012188
0.889084	75.0488	80.7888	748.013	898.984	25.8508	6.84719	39.5834	-0.013438
0.890084	75.3221	81.6091	749.155	899.94	28.2784	6.84719	39.6821	-0.012813
0.891084	75.5953	81.3356	750.525	901.033	26.8819	6.84889	39.8301	-0.011875
0.892084	75.0488	80.5153	752.353	902.808	27.2038	6.84531	39.8794	-0.010938
0.893084	75.4587	81.3356	753.609	903.491	27.8599	6.84313	39.8301	-0.010938
0.894084	75.1854	81.3356	755.437	905.403	27.2892	6.84584	40.1262	-0.012813
0.895084	75.0488	81.3356	758.749	907.179	27.8438	6.85125	40.5209	-0.010938
0.896085	75.3221	81.3356	760.919	908.818	28.3775	6.85219	40.5209	-0.011583
0.897085	75.3221	81.3356	763.204	910.047	27.4849	6.84889	40.7876	-0.01125
0.898085	74.7758	81.6091	764.48	910.047	27.9985	6.84313	40.8108	-0.011683
0.899085	75.3221	81.7458	768.402	912.232	27.7498	6.84156	40.965	-0.012188
0.900085	75.3221	81.7458	769.8	913.735	25.8708	6.81844	40.817	-0.010938
0.901085	75.4587	81.8828	770.97	914.984	25.8544	6.58582	41.2117	-0.010938
0.902085	75.4587	81.4724	772.589	916.057	28.0788	6.58889	41.5078	-0.010938
0.903085	75.1854	81.4724	775.196	918.242	28.4577	6.62844	41.5572	-0.010825
0.904085	75.1854	81.6091	777.481	919.744	28.7145	6.64989	41.4081	-0.012188
0.905085	75.3221	81.3356	778.395	921.247	28.9878	6.85031	42.0508	-0.01125
0.906085	75.5953	81.6091	780.45	922.339	27.0854	6.84908	41.8619	-0.010825
0.907085	75.3221	81.0822	781.821	923.705	26.743	6.84281	41.8026	-0.01125
0.908085	75.1854	81.6091	783.763	925.817	27.0161	6.84469	42.1888	-0.011583
0.909085	75.3221	81.8828	784.22	927.529	27.1751	6.84969	42.396	-0.013125
0.910088	75.3221	81.6091	785.476	928.822	28.5066	6.84837	42.4454	-0.011583
0.911088	75.3221	81.6091	785.59	930.807	26.7583	6.84694	42.5441	-0.012813
0.912088	75.3221	81.4724	786.818	933.539	28.1318	6.84219	42.9882	-0.010313
0.913088	75.1854	81.6091	787.532	933.539	25.3001	6.84594	43.0375	-0.010825
0.914088	75.4587	81.4724	787.989	934.085	25.3448	6.84908	43.1855	-0.00875
0.915088	74.5024	81.3356	789.217	934.905	25.4061	6.84719	42.8401	-0.011583
0.916088	75.3221	81.3356	789.131	938.456	25.7892	6.83156	43.4816	-0.010313
0.917088	75.3221	81.4724	790.273	939.549	28.5555	6.80219	43.8784	-0.011583
0.918088	75.1854	81.4724	791.844	941.188	27.0447	6.58344	43.7283	-0.011583
0.919088	75.3221	81.6091	791.644	942.28	27.1262	6.57989	44.1724	-0.012813
0.920088	75.1854	82.0193	791.872	943.919	27.8357	6.84908	44.0244	-0.010313
0.921088	75.3221	81.1989	792.788	945.695	27.6275	6.84219	44.2218	-0.011583
0.922088	75.1854	81.3356	793.471	948.788	27.5864	6.84084	44.3889	-0.010938
0.923088	75.3221	81.4724	793.928	948.583	27.705	6.84406	44.4885	-0.010938
0.924087	75.3221	81.6091	795.185	951.568	27.387	6.84489	44.5178	-0.011583
0.925087	75.0488	81.3356	795.758	951.841	28.6452	6.84156	44.8633	-0.009375
0.926087	75.4587	81.3356	796.441	953.207	25.7729	6.83344	44.5872	-0.010938
0.927087	75.3221	81.3356	796.098	955.256	28.1438	6.82989	45.258	-0.011583
0.928087	75.0488	81.1989	797.355	958.485	28.5878	6.83281	45.11	-0.012813
0.929087	75.8885	81.3356	798.268	958.534	28.9224	6.84094	45.1593	-0.013125
0.930087	75.3221	81.6091	798.497	960.858	27.1873	6.83844	45.3074	-0.012188
0.931087	75.8885	81.3356	798.954	962.485	27.2403	6.83489	45.6034	-0.010938
0.932087	75.3221	81.6091	799.867	963.587	27.2811	6.83584	45.5541	-0.010913
0.933087	75.3221	81.6091	799.182	965.499	27.2848	6.83156	45.8895	-0.011583
0.934087	75.0488	81.8828	800.21	967.411	27.1058	6.80281	46.1462	-0.010313
0.935087	75.0488	81.6091	800.553	968.777	28.9224	6.57408	46.0475	-0.012188

0.936067	75.7319	81.3356	800.324	989.597	26.8082	8.57219	45.9982	-0.011876
0.937067	75.3221	81.3356	800.781	970.143	26.3762	8.64594	45.9488	-0.013438
0.938068	75.0488	81.3356	801.124	973.421	25.8544	8.64344	46.4918	-0.010638
0.939069	74.9122	81.8091	801.823	975.197	25.6833	8.64313	46.7877	-0.009688
0.940068	75.8685	81.8091	801.895	978.428	25.8017	8.63594	46.889	-0.01125
0.941068	75.1854	81.3356	802.038	977.382	25.9115	8.63812	46.7877	-0.010313
0.942068	75.3221	82.0193	802.152	978.884	26.5922	8.63908	47.0344	-0.010313
0.943068	75.0488	81.1989	802.38	980.25	27.0284	8.64825	47.0838	-0.011563
0.944068	75.1854	81.8091	802.152	982.162	27.0243	8.64094	47.0344	-0.010313
0.945068	75.3221	81.8826	802.951	985.167	27.2382	8.63844	47.1825	-0.012188
0.946068	75.0488	81.8826	802.837	985.44	27.5093	8.63875	47.3305	-0.012613
0.947068	75.1854	81.3356	803.068	987.079	27.2892	8.64858	47.3305	-0.010313
0.948068	75.1854	82.0183	802.38	987.079	27.0385	8.64858	47.0344	-0.0125
0.949068	75.3221	81.3356	802.152	988.718	27.0202	8.64125	47.4282	-0.011563
0.950068	75.0488	81.8826	803.068	991.723	26.2131	8.63858	48.12	-0.011563
0.951068	74.7758	81.8091	803.068	992.269	24.917	8.60719	47.5772	-0.011563
0.952069	75.1854	81.8091	803.068	994.318	25.4183	8.59094	48.0707	-0.010625
0.953069	75.1854	81.3356	802.38	996.23	25.9804	8.57908	47.8239	-0.01125
0.954069	75.0488	80.7888	802.38	997.733	25.9888	8.64969	48.2187	-0.012813
0.955069	75.3221	81.3356	801.238	998.552	26.2538	8.64489	48.1683	-0.013438
0.956069	74.639	81.4724	800.867	1000.06	26.6856	8.65125	48.288	-0.011563
0.957069	75.1854	81.7458	800.324	1002.38	26.4496	8.65188	48.5149	-0.012813
0.958069	75.8685	81.8091	798.954	1002.92	26.5188	8.64887	48.6135	-0.010638
0.959069	75.3221	81.8091	798.268	1004.02	26.8044	8.63989	48.288	-0.015313
0.960069	75.3221	81.7458	797.812	1007.18	26.4496	8.64781	48.8108	-0.010638
0.961069	75.0488	81.0622	797.24	1007.88	26.1724	8.65344	48.3043	-0.013125
0.962069	75.3221	81.3356	797.012	1008.75	26.1805	8.65719	48.1089	-0.01125
0.963069	75.5953	81.4724	796.088	1011.25	25.9441	8.65158	49.2058	-0.010638
0.964069	75.3221	81.3356	795.984	1012.89	25.243	8.64989	49.2549	-0.012188
0.965069	75.8685	81.7458	795.758	1015.49	25.0392	8.65406	49.899	-0.010625
0.96607	75.1854	81.8091	798.441	1016.03	25.3816	8.65908	49.551	-0.010313
0.96707	75.3221	81.3356	798.898	1018.22	25.4183	8.64969	49.5017	-0.010625
0.96807	75.3221	81.8826	797.128	1020	26.0827	8.61489	49.889	-0.010625
0.96907	75.3221	81.8091	798.268	1020.95	26.4803	8.59489	49.8471	-0.010313
0.97007	75.1854	81.3356	798.725	1020.95	26.4414	8.57969	49.4523	-0.0125
0.97107	74.5024	81.8091	798.088	1024.37	26.7228	8.65438	49.8884	-0.012813
0.97207	75.1854	81.0622	800.098	1025.73	26.7348	8.66094	50.3889	-0.009063
0.97307	75.4587	81.8091	799.887	1027.51	26.8164	8.65719	50.1925	-0.012188
0.97407	75.0488	81.8091	800.781	1029.83	26.3313	8.66219	50.2912	-0.011563
0.97507	75.0488	81.3356	799.298	1030.24	26.0175	8.66406	50.3405	-0.010625
0.97607	74.9122	81.0622	799.753	1032.15	25.8789	8.66094	50.3405	-0.010313
0.97707	75.3221	81.3356	799.411	1033.52	25.2512	8.65781	50.6388	-0.010638
0.97807	75.3221	81.3356	799.298	1034.61	24.2588	8.65781	50.6388	-0.011563
0.97907	75.3221	81.4724	797.583	1036.52	24.9496	8.68219	50.8833	-0.014063
0.980071	75.3221	81.7458	795.984	1037.89	25.0718	8.68625	50.8833	-0.010638
0.981071	75.5953	81.3356	794.842	1039.53	25.1815	8.65989	50.8833	-0.010638
0.982071	75.1854	81.8091	792.101	1040.07	25.7933	8.65989	51.1794	-0.012188
0.983071	75.0488	81.8091	791.415	1042.8	25.6732	8.66344	51.5741	-0.010313
0.984071	75.1854	80.9256	789.359	1043.35	25.8914	8.66281	51.2287	-0.00875
0.985071	75.3221	81.8091	788.448	1045.54	25.8748	8.64562	51.0807	-0.011876
0.986071	75.1854	82.0193	786.847	1047.04	25.4224	8.61489	51.4754	-0.010313
0.987071	75.1854	81.4724	785.478	1048.61	25.8262	8.58469	51.5741	-0.011876

0.988071	75.1854	81.8091	783.877	1049.91	25.3853	6.58719	51.4754	-0.012188
0.989071	75.1854	81.4724	783.42	1051.55	24.9903	6.65719	51.6728	-0.010825
0.990071	74.5024	81.8091	782.849	1053.73	24.8232	6.85408	51.4754	-0.012813
0.991071	75.3221	82.1581	782.735	1053.73	24.3545	6.85219	51.6728	-0.012813
0.992071	75.1854	81.8826	781.138	1055.1	24.7376	6.84844	51.5741	-0.011563
0.993072	75.5853	81.3356	780.108	1056.74	25.0983	6.85281	51.6728	-0.012188
0.994072	75.5853	81.8091	779.08	1058.1	25.3736	6.85344	51.6728	-0.012813
0.995072	75.1854	80.9255	778.188	1060.29	25.7077	6.85281	51.8209	-0.010938
0.996072	75.1854	82.1581	778.795	1061.24	25.8914	6.84989	51.8702	-0.011563
0.997072	75.4587	81.7458	774.283	1062.34	25.8178	6.84812	51.9889	-0.011563
0.998072	75.3221	81.7458	772.341	1063.7	26.0827	6.85188	52.1883	-0.010313
0.999072	75.1854	81.4724	769.8	1064.68	25.6282	6.85156	51.9889	-0.010313
1.00007	75.3221	81.3356	766.059	1066.02	25.7848	6.84531	52.1883	-0.010825
1.00107	75.5853	81.8091	764.232	1067.94	25.7199	6.84858	51.6728	-0.011563
1.00207	75.3221	81.8826	761.947	1068.48	25.0028	6.84682	51.9889	-0.010838
1.00307	75.4587	81.8091	760.12	1069.71	24.8153	6.83312	52.0678	-0.007813
1.00407	75.3221	81.8826	756.236	1071.35	24.5601	6.80219	52.0678	-0.011875
1.00507	75.4587	81.8091	754.18	1072.17	23.3436	6.57406	52.1883	-0.011563
1.00607	75.3221	81.8826	753.267	1073.81	23.5148	6.59781	52.0678	-0.010938
1.00707	75.5853	81.8826	750.882	1074.77	23.849	6.85062	52.285	-0.012813
1.00807	75.3221	81.4724	749.812	1076.68	23.7471	6.84187	52.4823	-0.011875
1.00907	75.1854	81.7458	748.241	1077.77	24.1833	6.84658	52.0678	-0.010938
1.01007	75.3221	81.7458	747.327	1078.88	24.2528	6.83989	52.0182	-0.010938
1.01107	75.4587	81.3356	744.815	1079.41	24.1425	6.83594	52.0182	-0.011563
1.01207	75.1854	81.0822	743.872	1081.59	24.1761	6.83594	52.0678	-0.010313
1.01307	75.3221	81.4724	743.33	1081.87	24.4849	6.84219	52.2156	-0.011563
1.01407	75.0488	81.8091	742.418	1082.41	24.2485	6.83989	52.2156	-0.010313
1.01507	75.4587	81.4724	740.246	1083.84	24.2882	6.83344	52.0182	-0.013438
1.01607	75.3221	81.8826	739.104	1083.78	23.9306	6.83582	52.413	-0.010313
1.01707	75.0488	81.7458	737.847	1085.98	23.4985	6.83825	52.285	-0.010825
1.01807	75.3221	81.8826	735.906	1086.51	23.5882	6.84219	52.0678	-0.012188
1.01907	75.5853	81.7458	735.108	1087.88	23.5515	6.83875	52.1883	-0.012188
1.02007	75.1854	81.8826	734.078	1088.15	24.2526	6.83719	52.0678	-0.011875
1.02107	75.3221	81.3356	732.938	1088.42	24.7821	6.81489	52.286	-0.013125
1.02207	75.3221	81.7458	731.879	1088.7	24.5583	6.58719	52.5117	-0.010825
1.02307	75.1854	81.3356	732.251	1091.15	25.2188	6.57281	52.413	-0.01125
1.02407	75.0488	81.3356	731.337	1090.34	25.0881	6.80489	52.285	-0.010938
1.02507	75.3221	81.3356	732.022	1090.88	25.3184	6.84489	52.285	-0.010313
1.02607	75.4587	81.8091	730.195	1091.29	25.4754	6.83158	52.285	-0.014375
1.02707	75.0488	81.0822	730.195	1091.56	25.2593	6.84158	52.6104	-0.011883
1.02807	75.1854	81.7458	730.195	1092.38	25.3327	6.84158	52.1883	-0.011563
1.02907	75.3221	81.7458	730.309	1092.25	25.3246	6.83594	52.3838	-0.012813
1.03007	75.1854	81.8091	730.195	1092.93	24.5684	6.83687	52.1883	-0.010825
1.03107	75.4587	81.8091	729.968	1093.81	24.4604	6.83844	52.1189	-0.011563
1.03207	75.3221	81.8091	730.88	1094.43	24.5134	6.84594	52.1883	-0.01125
1.03307	75.0488	81.8826	731.585	1094.71	23.2378	6.84219	52.285	-0.008063
1.03407	75.0488	81.4724	731.337	1095.8	23.3436	6.83888	52.2158	-0.009063
1.03507	75.3221	81.4724	731.337	1094.57	24.1425	6.83781	52.0678	-0.010938
1.03607	75.0488	81.3356	732.707	1095.88	23.8449	6.84344	52.1883	-0.008375
1.03707	75.5853	81.8091	732.479	1096.21	23.9469	6.84719	51.9889	-0.0125
1.03807	75.4587	81.8091	732.707	1096.89	24.5684	6.84489	52.0678	-0.011563
1.03907	75.0488	81.3356	734.308	1098.53	24.3015	6.82719	52.2158	-0.012188

1.04007	75.5963	81.8828	733.85	1098.26	24.1099	6.80125	51.9689	-0.010938
1.04107	75.3221	81.3358	734.535	1098.53	24.8943	6.57969	51.9689	-0.010938
1.04208	75.0488	81.3358	734.535	1100.03	23.9509	6.58869	51.9689	-0.010313
1.04308	74.3658	81.3358	736.591	1100.85	23.5066	6.65656	51.8702	-0.012188
1.04408	74.7756	81.3358	737.278	1100.99	23.9142	6.83869	51.8195	-0.011875
1.04508	75.0488	81.8828	738.875	1102.9	23.205	6.84719	51.8728	-0.011583
1.04608	75.8885	81.7458	740.017	1102.35	23.0787	6.84969	51.8728	-0.010938
1.04708	75.4687	81.7458	742.844	1104.13	23.9142	6.85156	51.8235	-0.010313
1.04808	74.5024	81.8091	742.53	1104.54	23.9142	6.84489	51.5248	-0.012188
1.04908	75.3221	81.3358	744.243	1104.95	24.4767	6.84887	51.8702	-0.010938
1.05008	75.3221	81.8828	746.185	1107.14	24.7947	6.85469	51.8728	-0.012813
1.05108	75.1854	81.8091	748.489	1107.95	24.8721	6.85844	51.8728	-0.009375
1.05208	75.0488	81.8828	750.525	1108.91	25.1371	6.85584	51.5248	-0.011583
1.05308	74.7756	81.8091	752.581	1110	25.2023	6.84937	51.8728	-0.012813
1.05408	75.1854	81.7458	754.837	1111.37	24.974	6.85344	51.4754	-0.01375
1.05508	75.0488	81.3358	758.486	1112.19	25.2834	6.85781	51.5741	-0.012813
1.05608	75.3221	81.3358	758.835	1114.1	25.243	6.86375	51.8728	-0.010313
1.05708	74.9122	81.8091	760.12	1113.89	24.7821	6.85125	51.8728	-0.011583
1.05808	75.3221	81.8091	761.947	1114.37	24.7091	6.82584	51.8702	-0.00875
1.05908	75.1854	81.8091	763.546	1116.29	24.171	6.80488	51.5741	-0.012813
1.06008	75.3221	81.4724	765.831	1117.38	22.8871	6.59156	61.8689	-0.01125
1.06108	75.0488	81.7458	767.43	1117.85	22.7893	6.65719	51.8728	-0.0125
1.06208	75.4687	81.8091	770.057	1120.11	23.2132	6.86656	51.8728	-0.012813
1.06308	75.3221	81.7458	771.77	1120.93	23.4822	6.86437	51.5248	-0.010313
1.06408	75.3221	81.4724	773.483	1122.3	23.4088	6.87094	51.4261	-0.01125
1.06508	75.3221	82.1581	774.74	1122.84	23.5086	6.88969	51.4754	-0.011583
1.06608	75.3221	81.8091	777.709	1124.75	23.7267	6.88408	51.8728	-0.010313
1.06708	75.3221	81.7458	779.194	1126.94	23.7349	6.88219	51.8728	-0.012188
1.06808	75.3221	81.8091	781.25	1127.21	23.6371	6.88908	51.8728	-0.010313
1.06908	75.0488	81.8828	784.105	1128.71	23.3925	6.87281	51.8728	-0.009083
1.07008	74.9122	81.3358	785.362	1128.87	23.205	6.88969	51.5741	-0.013438
1.07108	75.4587	81.8091	788.618	1131.88	23.0787	6.88469	51.8235	-0.012188
1.07208	75.0488	81.3358	788.874	1132.81	22.7889	6.88908	52.2156	-0.011583
1.07308	75.3221	81.1989	791.187	1134.04	22.4795	6.88844	51.5741	-0.011583
1.07408	75.0488	81.8091	792.101	1134.04	22.3001	6.88656	51.8235	-0.010825
1.07508	75.1854	81.3358	794.385	1135.41	22.2145	6.88408	51.8728	-0.011875
1.07608	74.5024	81.8091	796.213	1138.77	22.7159	6.85656	51.8728	-0.0125
1.07708	75.0488	81.3358	797.812	1138.77	23.1989	6.82719	51.8728	-0.012813
1.07808	74.3658	81.4724	799.867	1140.6	23.4858	6.59719	51.8728	-0.013438
1.07908	75.0488	80.7888	801.809	1139.78	23.8449	6.58969	51.8728	-0.011583
1.08008	75.0488	81.8091	803.979	1140.6	23.8857	6.85969	51.8728	-0.009083
1.08108	75.3221	81.8828	803.885	1140.87	23.9958	6.84844	51.8728	-0.010313
1.08208	75.1854	81.8091	806.807	1141.42	24.8479	6.85656	62.0182	-0.010938
1.08308	75.1854	81.4724	807.883	1141.98	24.0202	6.85489	51.8728	-0.01125
1.08408	75.1854	81.8828	809.006	1142.65	24.3463	6.84989	51.8728	-0.010938
1.08508	74.839	81.8091	810.033	1143.6	24.7213	6.84408	51.8728	-0.010938
1.08608	75.1854	81.8091	811.746	1145.24	23.8327	6.84187	51.8728	-0.0125
1.08708	75.3221	81.3358	813.802	1146.61	23.7064	6.84531	51.8728	-0.011583
1.08808	75.1854	81.3358	814.716	1147.15	22.5773	6.84531	51.8702	-0.011583
1.08908	75.5953	81.8091	817.114	1148.79	22.5447	6.83989	51.5741	-0.012813
1.09008	75.7319	81.7458	818.599	1147.43	23.1194	6.83344	51.8728	-0.012813
1.09108	75.0488	81.4724	821.112	1148.11	23.0012	6.83469	51.5248	-0.009083

1.09208	75.3221	81.6091	822.711	1148.52	23.3191	6.63825	51.6728	-0.011563
1.09308	75.3221	81.3358	825.224	1149.34	23.7023	6.64094	51.8702	-0.010938
1.09408	75.1854	81.3358	826.366	1160.43	23.9925	6.63375	51.5248	-0.01125
1.09508	75.3221	81.8828	828.765	1152.48	23.8268	6.61969	51.5248	-0.012813
1.09608	75.1854	81.4724	830.021	1153.3	23.7104	6.59094	51.6728	-0.01125
1.09708	75.1854	81.7458	832.905	1153.71	23.5066	6.56469	51.6728	-0.010313
1.09808	75.1854	81.6091	833.676	1153.57	23.7694	6.57844	51.6728	-0.010313
1.09908	75.1854	81.8828	835.047	1153.71	23.3558	6.64219	51.6728	-0.010313
1.10008	75.1854	81.7458	836.874	1155.89	23.0908	6.62969	51.6728	-0.010938
1.10108	75.0488	81.6091	838.93	1155.49	23.0094	6.63408	51.6728	-0.010938
1.10208	75.1854	82.1581	840.186	1155.89	22.5528	6.63469	51.9689	-0.010313
1.10308	75.1854	81.7458	842.813	1158.85	22.2694	6.63531	51.8209	-0.012188
1.10408	75.4587	81.6091	843.613	1158.08	22.0719	6.63031	51.6728	-0.012188
1.10508	75.3221	81.4724	848.011	1158.9	22.1371	6.63031	52.0676	-0.012188
1.10608	74.9122	81.0822	847.382	1158.63	23.046	6.62969	51.6728	-0.012613
1.10708	75.0488	81.6091	848.524	1158.63	23.1153	6.63437	52.0182	-0.011563
1.10808	75.3221	81.6091	850.123	1159.31	23.3925	6.62969	51.6728	-0.011563
1.10908	75.3221	81.4724	851.494	1160.54	23.6941	6.62937	52.0676	-0.011875
1.11008	75.3221	81.8828	852.865	1161.08	23.8615	6.62781	51.6728	-0.011563
1.11108	75.3221	81.4724	854.484	1162.18	23.7349	6.62969	51.5741	-0.012188
1.11208	75.3221	81.6091	855.72	1162.45	23.849	6.63344	51.9195	-0.010938
1.11308	75.1854	81.7458	856.976	1163	23.7349	6.63312	51.8209	-0.011563
1.11408	75.1854	81.6091	858.291	1162.45	23.6045	6.61219	51.4754	-0.014063
1.11508	75.0488	80.7888	858.976	1163.54	23.4496	6.58781	51.5248	-0.011875
1.11608	75.3221	81.7458	857.89	1164.36	23.0176	6.56969	51.9689	-0.011563
1.11708	75.0488	81.3358	857.682	1163.54	22.2146	6.57687	51.4281	-0.012813
1.11808	75.7319	81.7458	858.261	1165.18	22.0393	6.65156	51.3274	-0.0125
1.11908	75.1854	81.3358	859.261	1165.18	22.3572	6.63437	51.6728	-0.011563
1.12008	74.9122	81.3358	859.946	1166.82	22.5284	6.63844	51.3768	-0.011875
1.12108	75.3221	81.3358	859.603	1166.68	22.6569	6.63719	51.2781	-0.011563
1.12208	75.3221	81.8828	860.517	1166.46	22.6099	6.63781	51.2781	-0.011563
1.12308	75.3221	81.7458	860.631	1166.32	22.8178	6.64094	51.2267	-0.010938
1.12408	75.3221	81.6091	860.631	1166.46	22.9523	6.63906	51.4261	-0.010313
1.12508	75.0488	81.0822	861.068	1167.91	22.6751	6.63969	51.0607	-0.013126
1.12608	75.4587	81.6091	861.317	1169.01	22.7077	6.64219	51.3768	-0.012188
1.12708	74.7756	81.6091	862.23	1170.1	22.3205	6.64219	51.1794	-0.011563
1.12808	75.1854	81.4724	862.459	1170.24	22.0719	6.64469	51.1794	-0.011875
1.12908	74.639	81.6091	863.829	1171.19	22.2268	6.64469	51.4754	-0.011875
1.13008	75.3221	81.7458	864.743	1172.01	22.0148	6.64656	51.1794	-0.010625
1.13108	75.3221	81.7458	865.771	1172.69	21.5501	6.65094	51.2781	-0.010313
1.13208	75.4587	81.7458	866.114	1172.15	21.4482	6.65094	51.13	-0.010938
1.13308	75.0488	81.6091	866.571	1172.28	21.1344	6.65031	51.13	-0.010313
1.13408	75.7319	81.7458	867.713	1173.24	20.8001	6.62594	51.0807	-0.010938
1.13508	75.3221	81.3358	867.941	1173.24	21.2077	6.60344	50.8833	-0.010313
1.13608	75.3221	81.7458	868.398	1173.79	21.6151	6.58156	50.6366	-0.012188
1.13708	75.3221	81.3358	868.627	1174.74	21.7784	6.63469	50.982	-0.010938
1.13808	75.1854	81.8828	869.769	1175.56	22.3246	6.68906	51.0807	-0.01125
1.13908	75.0488	81.1969	871.025	1176.38	22.2634	6.65719	50.982	-0.011563
1.14008	75.3221	81.6091	869.769	1176.25	22.4428	6.66875	50.6366	-0.010313
1.14108	75.1854	81.4724	871.586	1176.11	22.5447	6.66469	47.1825	-0.010313
1.14208	75.0488	81.7458	871.586	1176.79	22.5773	6.66594	52.1169	-0.01125
1.14308	75.6885	81.4724	872.738	1176.79	22.8914	6.66469	50.7353	-0.011875

1.14408	75.3221	82.1561	872.967	1178.57	22.5249	6.66844	51.0607	-0.011563
1.14508	75.0488	81.6091	872.51	1179.52	22.4835	6.67219	50.8859	-0.011563
1.14608	75.1854	81.4724	873.796	1178.57	22.2227	6.66781	50.4886	-0.010938
1.14708	75.0488	81.4724	874.223	1178.16	21.0385	6.67344	50.1925	-0.010938
1.14808	75.3221	80.7888	873.796	1179.93	21.0851	6.67582	50.8833	-0.010938
1.14908	75.1854	81.3356	874.223	1179.52	21.1996	6.68219	50.8833	-0.010825
1.15008	75.1854	82.0193	873.881	1179.52	21.4401	6.68219	50.8859	-0.011563
1.15108	75.3221	81.6091	874.109	1179.8	22.0515	6.68094	50.4886	-0.012188
1.15208	75.3221	82.1561	873.424	1180.21	21.9903	6.67969	50.5379	-0.010313
1.15308	75.4587	81.6091	874.109	1181.67	22.0596	6.68408	50.2418	-0.012813
1.15408	75.3221	81.3356	873.881	1180.75	22.3653	6.65908	50.0938	-0.010825
1.15508	75.0488	81.6091	874.338	1182.94	22.3898	6.62969	50.3899	-0.010313
1.15608	75.3221	81.1989	875.023	1182.39	22.4308	6.61219	50.1925	-0.010938
1.15708	75.3221	81.6091	875.251	1182.12	22.4713	6.68344	50.0938	-0.010313
1.15808	75.5953	81.4724	874.794	1179.93	22.455	6.69469	48.7484	-0.013438
1.15908	75.3221	81.6091	875.937	1181.3	22.2349	6.69281	50.0938	-0.011563
1.16008	75.4587	81.3356	876.393	1181.85	22.2553	6.69219	50.4886	-0.011563
1.16108	75.3221	81.7458	876.508	1182.94	22.1187	6.69408	49.8964	-0.012188
1.16208	75.1854	82.1561	877.079	1182.94	21.7908	6.69408	49.699	-0.010938
1.16308	75.4587	81.6091	878.622	1183.78	21.8153	6.68781	48.9951	-0.010625
1.16408	75.3221	81.6091	878.622	1183.78	21.3219	6.68489	48.7977	-0.011563
1.16508	75.3221	81.6091	878.85	1183.62	21.2811	6.68344	50.0938	-0.010313
1.16608	75.3221	81.8826	877.079	1183.62	21.599	6.68781	48.7977	-0.010625
1.16708	75.4587	82.0193	877.079	1184.3	21.9859	6.68469	48.8964	-0.010938
1.16808	75.1854	81.6091	878.508	1183.21	22.0841	6.68219	48.7977	-0.011563
1.16908	75.1854	81.7458	875.822	1182.12	22.1901	6.67582	48.9085	-0.015838
1.17008	75.6885	81.6091	874.909	1183.78	22.3572	6.67908	49.551	-0.011875
1.17108	74.9122	81.6091	874.794	1184.58	22.3735	6.67908	49.5017	-0.012813
1.17208	75.3221	81.1989	873.424	1184.3	22.292	6.67937	49.4523	-0.010938
1.17308	75.1854	81.8826	872.51	1184.71	22.2757	6.67344	49.5017	-0.012188
1.17408	75.3221	81.4724	872.51	1185.12	22.2023	6.64156	48.3043	-0.010825
1.17508	75.3221	81.8826	871.596	1184.71	21.9414	6.61866	49.2058	-0.0125
1.17608	75.0488	81.4724	871.139	1184.3	21.6663	6.60156	49.2058	-0.010938
1.17708	75.1854	81.4724	870.111	1184.3	21.4849	6.66719	48.3043	-0.011563
1.17808	75.3221	81.6091	870.454	1184.85	21.0773	6.66719	49.403	-0.011563
1.17908	75.3221	81.3356	870.226	1184.3	20.3599	6.66094	48.2058	-0.014063
1.18008	75.7319	81.4724	870.111	1183.78	20.2132	6.65908	49.0082	-0.011563
1.18108	75.0488	81.4724	870.588	1184.71	20.4007	6.65594	49.2549	-0.011563
1.18208	75.3221	81.6091	870.911	1185.94	20.6004	6.65188	49.6003	-0.01125
1.18308	75.0488	81.6091	870.683	1185.67	20.9001	6.64908	49.3043	-0.010313
1.18408	75.3221	81.3356	870.683	1185.4	20.8654	6.64344	49.3043	-0.010938
1.18508	75.3221	81.7458	871.139	1185.67	20.8654	6.64219	49.3043	-0.011563
1.18608	75.0488	82.0193	871.368	1185.4	20.9061	6.64469	49.3043	-0.011563
1.18708	75.1854	81.6091	871.939	1185.94	20.9428	6.63969	48.8108	-0.010938
1.18808	75.7319	81.7458	871.368	1187.58	20.8572	6.63344	49.2549	-0.010313
1.18908	74.5024	81.6091	871.596	1186.35	20.7186	6.62969	48.8108	-0.010625
1.19008	75.1854	81.8826	871.368	1186.22	20.7308	6.63062	48.7121	-0.010313
1.19108	75.5953	81.7458	870.683	1185.4	20.4944	6.63344	48.5148	-0.013438
1.19208	75.3221	81.3356	870.911	1185.53	20.3436	6.63062	49.2058	-0.011563
1.19308	75.1854	81.6091	870.226	1185.94	20.2132	6.61812	49.403	-0.010313
1.19408	75.3221	81.6091	870.34	1185.94	19.9768	6.58781	49.0082	-0.011563
1.19508	74.5024	81.4724	869.063	1186.08	19.5203	6.56969	49.1089	-0.010938

1.19609	75.1854	82.4295	888.17	1188.22	19.4836	8.55281	48.9095	-0.011583
1.19709	75.0488	81.8826	867.941	1188.9	19.7241	8.62281	48.9095	-0.010313
1.19809	75.3221	81.6091	867.258	1188.49	19.8056	8.62531	48.7615	-0.010938
1.19909	75.1854	81.7458	868.114	1185.94	20.1031	8.62094	48.6135	-0.010938
1.20009	75.1854	81.8091	868.458	1187.31	20.3232	8.62344	48.7615	-0.010938
1.20109	75.4587	81.3356	864.972	1185.94	20.3273	8.62658	48.8108	-0.010313
1.20209	75.1854	81.4724	865.2	1185.94	20.4577	8.61989	48.7615	-0.010313
1.20309	75.0488	81.0622	863.144	1185.94	20.5107	8.61908	48.288	-0.014083
1.20409	75.3221	81.0622	862.23	1185.87	20.5067	8.61719	48.8108	-0.0125
1.20509	75.3221	81.3356	861.317	1185.87	20.417	8.61844	48.4181	-0.012813
1.20609	75.1854	81.7458	861.088	1185.87	20.527	8.62281	48.9174	-0.011583
1.20709	75.1854	81.6091	859.948	1185.81	20.4292	8.62168	48.4181	-0.011583
1.20809	75.3221	81.4724	858.481	1185.87	20.2458	8.62094	48.2187	-0.01125
1.20909	75.5853	81.6091	858.748	1185.4	20.1113	8.61989	48.0707	-0.0125
1.21009	75.7319	81.8091	855.834	1184.85	19.8789	8.62125	48.12	-0.012188
1.21109	75.1854	81.1989	855.035	1185.94	19.5408	8.62094	48.0213	-0.011875
1.21209	74.7756	81.6091	853.778	1184.71	19.3778	8.62094	48.0707	-0.011583
1.21309	75.1854	81.3356	852.836	1184.3	18.9844	8.61937	48.0213	-0.008083
1.21409	75.0488	81.0622	850.809	1184.17	18.848	8.59158	47.8733	-0.01375
1.21509	75.0488	81.4724	850.008	1184.3	18.7295	8.58908	48.12	-0.012188
1.21609	75.3221	81.6091	847.811	1184.85	18.9578	8.5525	47.9228	-0.010313
1.21709	75.0488	82.1581	845.897	1184.3	19.2023	8.61437	47.7253	-0.010825
1.21809	75.3221	81.6091	843.727	1184.3	19.3164	8.62969	47.8268	-0.011583
1.21909	75.1854	81.4724	842.357	1184.3	19.2838	8.62437	47.9228	-0.012813
1.22009	75.3221	81.3356	840.886	1184.71	19.5773	8.62969	47.7253	-0.011583
1.22109	75.4587	81.6091	838.93	1184.85	19.7485	8.62844	47.4282	-0.011875
1.22209	75.7319	81.7458	836.874	1183.78	19.5121	8.62887	47.5772	-0.011583
1.22309	75.7319	81.6091	835.388	1183.62	19.6303	8.62937	47.6266	-0.010825
1.22409	75.4587	81.8828	835.047	1184.17	19.6892	8.62844	47.1825	-0.010313
1.22509	75.8885	81.7458	832.181	1184.3	19.4878	8.63158	47.2318	-0.012813
1.22609	75.3221	81.8828	830.478	1184.03	19.2512	8.62989	47.5278	-0.011583
1.22709	75.1854	82.1581	829.45	1185.12	19.2145	8.63188	47.4785	-0.01125
1.22809	75.3221	81.4724	827.28	1184.98	19.2349	8.63694	46.9357	-0.011583
1.22909	75.0488	81.3356	826.368	1185.12	18.917	8.63437	46.7384	-0.012188
1.23009	75.3221	81.7458	825.588	1185.4	18.7132	8.63875	46.9357	-0.010938
1.23109	75.3221	81.8828	823.388	1184.85	19.2188	8.63908	46.7384	-0.011875
1.23209	75.1854	81.3356	822.597	1184.58	19.4754	8.64158	46.7384	-0.010938
1.23309	75.4587	81.7458	821.34	1188.08	19.4632	8.64408	46.6397	-0.011875
1.23409	74.3858	81.6091	819.97	1184.3	19.8628	8.63489	46.7384	-0.010825
1.23509	75.0488	81.3356	819.97	1185.4	20.0257	8.60489	46.541	-0.009083
1.23609	74.9122	81.3356	817	1183.48	19.9197	8.57989	46.7877	-0.012813
1.23709	75.3221	81.4724	816.772	1185.4	20.2338	8.59062	46.7877	-0.011875
1.23809	75.0488	81.6091	815.401	1184.71	20.2338	8.65989	46.3438	-0.012813
1.23909	75.3221	81.6091	814.259	1185.81	20.0827	8.64937	46.2943	-0.011875
1.24009	75.4587	81.6091	812.68	1185.26	20.1989	8.65489	45.9882	-0.012813
1.24109	75.1854	81.6091	810.604	1184.85	20.1887	8.64908	46.0475	-0.011583
1.24209	75.1854	81.4724	808.778	1184.85	19.9805	8.65219	45.8034	-0.011875
1.24309	75.3221	81.4724	806.492	1184.3	20.0748	8.65584	45.8528	-0.012813
1.24409	75.1854	81.6091	804.438	1185.26	19.581	8.65438	45.8528	-0.009083
1.24509	75.1854	81.6091	802.152	1183.82	19.3388	8.65406	45.258	-0.012188
1.24609	75.1854	81.6091	801.895	1184.17	19.5386	8.65858	45.258	-0.008438
1.24709	75.0488	81.3356	797.812	1184.3	18.7743	8.65812	45.1583	-0.012188

1.24809	75.4687	81.4724	785.984	1184.71	18.5338	6.85989	45.0806	-0.013125
1.24909	75.0488	81.8091	793.471	1184.58	18.585	6.86156	44.9819	-0.010313
1.25009	75.3221	81.0822	791.758	1184.17	18.0732	6.86344	44.7846	-0.01125
1.25109	75.0488	81.4724	789.245	1183.89	18.4605	6.86594	44.8128	-0.010825
1.25209	74.7758	81.8091	786.732	1184.17	18.9007	6.86837	44.7846	-0.010838
1.25309	75.1854	81.7458	784.334	1183.48	18.4442	6.87094	44.7846	-0.010313
1.25409	75.5953	82.2928	782.049	1183.48	18.8724	6.86594	44.3886	-0.012813
1.25509	75.3221	81.7458	780.565	1184.17	18.8028	6.86313	44.8165	-0.011563
1.25609	75.1854	81.8826	778.851	1183.21	18.6561	6.86344	44.3886	-0.011563
1.25709	75.3221	81.7458	778.737	1183.78	18.8802	6.81594	44.8659	-0.010313
1.25809	74.839	81.8091	774.74	1182.94	18.7784	6.81408	44.1724	-0.012813
1.25909	75.3221	81.8826	774.397	1184.03	18.8561	6.88406	44.7846	-0.01125
1.26009	75.3221	81.7458	773.389	1183.78	18.273	6.87281	44.0737	-0.011875
1.26109	75.1854	81.7458	772.912	1183.78	18.5175	6.88187	44.2711	-0.012188
1.26209	75.3221	81.7458	771.988	1183.62	18.0773	6.87989	43.9751	-0.012188
1.26309	75.3221	81.8826	771.427	1183.21	17.8854	6.87989	43.8764	-0.011563
1.26409	75.1854	81.8091	770.389	1182.94	18.0325	6.87875	43.8764	-0.011563
1.26509	75.3221	82.2928	770.389	1182.53	17.5515	6.87781	44.1231	-0.010825
1.26609	75.0488	81.8091	769.257	1183.48	17.8898	6.88158	43.7777	-0.0125
1.26709	75.3221	81.8826	769.714	1182.12	18.2078	6.87937	43.9751	-0.010825
1.26809	74.9122	81.4724	769.371	1182.12	18.1222	6.87989	43.879	-0.008063
1.26909	75.3221	81.8091	768.115	1182.53	18.8806	6.87812	43.879	-0.012188
1.27009	75.1854	82.1561	767.315	1181.71	18.8314	6.87906	44.2218	-0.010313
1.27109	75.8885	81.8091	766.173	1179.93	18.7703	6.88344	43.7283	-0.010938
1.27209	75.1854	81.7458	766.059	1179.93	19.2431	6.87719	43.8764	-0.010313
1.27309	75.1854	81.7458	765.488	1179.52	19.0556	6.87812	43.879	-0.010825
1.27409	75.3221	81.8091	765.145	1179.52	19.2023	6.87806	43.5803	-0.010938
1.27509	75.0488	81.8091	765.802	1178.84	19.4387	6.87989	43.531	-0.013438
1.27609	75.0488	81.7458	765.031	1178.29	19.0189	6.88219	43.7283	-0.011563
1.27709	74.839	81.8826	765.145	1179.86	19.3001	6.85887	43.5803	-0.012188
1.27809	75.3221	81.7458	765.145	1177.47	19.2512	6.83219	43.4816	-0.010938
1.27909	75.7319	81.8091	764.917	1176.88	18.8088	6.81084	43.4816	-0.007813
1.28009	75.0488	81.7458	765.802	1177.2	19.3491	6.83094	43.4816	-0.011875
1.28109	75.5953	81.7458	765.259	1175.43	18.7821	6.89312	43.5803	-0.011563
1.28209	75.0488	81.8826	765.374	1175.56	18.8806	6.87531	43.7283	-0.010825
1.28309	75.1854	81.8826	765.945	1175.29	18.0284	6.87781	43.4816	-0.011875
1.28409	74.9122	81.7458	766.744	1175.58	17.2784	6.87281	43.2349	-0.010938
1.28509	75.0488	81.7458	768.287	1170.85	17.8249	6.87281	43.2349	-0.010938
1.28609	74.839	81.8091	765.831	1182.53	17.8412	6.88812	43.3829	-0.011563
1.28709	75.3221	81.8091	769.942	1173.38	17.7757	6.88887	43.1855	-0.012813
1.28809	75.3221	81.8826	767.43	1189.55	18.2158	6.88219	43.3829	-0.012188
1.28909	75.5953	81.8091	765.374	1158.08	17.8654	6.86313	43.4816	-0.010938
1.29009	75.3221	81.8826	768.343	1161.9	18.1262	6.88489	43.2349	-0.007813
1.29109	74.7758	81.8826	769.486	1165.59	18.2567	6.88219	43.1855	-0.010938
1.29209	75.3221	81.8826	770.171	1172.56	17.9877	6.88219	43.0375	-0.011563
1.29309	75.0488	81.0822	770.513	1178.38	18.1507	6.88406	43.879	-0.011563
1.29409	75.7319	81.7458	772.912	1175.58	18.1488	6.88937	43.1855	-0.012813
1.29509	75.1854	81.8826	772.455	1174.33	17.8124	6.87594	43.2842	-0.012188
1.29609	75.3221	81.8091	772.912	1167.84	18.0368	6.87488	43.3338	-0.012188
1.29709	75.3221	81.8091	772.912	1165.73	17.8898	6.87344	43.2842	-0.0125
1.29809	75.0488	81.8091	775.882	1170.85	17.5311	6.87844	43.5803	-0.010825
1.29909	75.3221	81.8091	777.585	1179.88	17.7288	6.88889	43.7777	-0.010825

1.30009	75.3221	81.7458	777.823	1190.31	17.3273	6.64156	44.1724	-0.010313
1.30109	75.8686	81.6091	779.194	1192.23	17.0175	6.61656	45.0113	-0.007813
1.30209	74.9122	81.7458	780.222	1184.3	17.1643	6.59781	45.3567	-0.011563
1.30309	74.9122	81.3356	778.395	1174.33	16.7281	6.66844	46.2449	-0.010938
1.30409	75.3221	81.6091	778.365	1160.68	17.0746	6.67719	45.8502	-0.012813
1.30509	75.0488	81.3356	778.737	1150.84	17.6371	6.67312	45.1593	-0.010313
1.30609	75.4587	81.6091	779.765	1144.58	17.4804	6.67658	44.5178	-0.012813
1.30709	75.0488	81.7458	779.08	1145.79	17.7227	6.66719	43.8764	-0.012188
1.30809	75.1854	81.4724	780.793	1150.98	17.9877	6.66719	42.9882	-0.011563
1.30909	75.0488	81.3356	782.963	1156.17	17.9426	6.66956	42.5441	-0.011563
1.31009	75.3221	81.1989	785.248	1163.27	18.061	6.66582	42.4454	-0.01125
1.31109	75.3221	81.7458	786.161	1163.54	18.2037	6.66281	42.2973	-0.012188
1.31209	75.5953	81.6091	789.359	1159.45	18.2485	6.66406	42.6427	-0.010313
1.31309	74.7756	81.6091	790.958	1154.8	18.2852	6.66281	42.5934	-0.011563
1.31409	75.3221	81.7458	791.073	1149.89	18.2567	6.66375	42.9388	-0.011563
1.31509	74.639	81.6091	792.786	1146.33	18.2883	6.66719	43.1855	-0.011563
1.31609	75.7319	81.6091	793.7	1144.7	18.1915	6.66344	42.5934	-0.010938
1.31709	75.3221	81.8826	794.813	1146.06	18.0386	6.66469	42.5934	-0.010625
1.31809	75.1854	81.1989	796.098	1148.79	18.0488	6.65986	42.6427	-0.011563
1.31909	75.0488	81.8826	797.583	1147.7	17.7309	6.65844	42.1	-0.012813
1.3201	75.1854	81.6091	798.04	1154.39	16.883	6.65594	42.3467	-0.011563
1.3211	75.3221	81.7458	800.324	1149.89	17.095	6.65094	42.1986	-0.010938
1.3221	75.1854	81.3356	800.324	1146.61	16.6099	6.64594	42.5441	-0.012813
1.3231	75.0488	81.3356	800.096	1143.06	16.8219	6.62219	42.4947	-0.009375
1.3241	75.5953	81.6091	802.637	1143.6	17.1884	6.59656	42.7414	-0.013125
1.3251	75.3221	82.1581	804.55	1142.24	16.9116	6.57813	42.8895	-0.012813
1.3261	75.4587	81.8826	804.55	1144.58	17.0991	6.63844	43.2842	-0.010313
1.3271	75.4587	81.8826	804.436	1124.89	17.1806	6.64719	42.7908	-0.013438
1.3281	76.7319	81.8826	801.238	1125.85	17.1808	6.64219	43.0375	-0.010938
1.3291	75.0488	81.7458	807.063	1145.51	17.3599	6.63719	43.2842	-0.011563
1.3301	75.8686	81.8826	813.802	1155.08	17.1561	6.63186	43.2842	-0.0125
1.3311	75.3221	81.8826	814.031	1181.57	17.1808	6.63094	43.7777	-0.008438
1.3321	75.1854	82.2928	815.63	1171.19	17.1358	6.62658	44.1231	-0.009375
1.3331	75.1854	81.7458	812.66	1151.11	17.0583	6.62406	44.3205	-0.010625
1.3341	75.1854	81.6091	808.091	1136.23	17.0175	6.61781	44.0244	-0.010625
1.3351	75.1854	81.8826	812.069	1114.1	16.7118	6.61406	43.8764	-0.011875
1.3361	75.4587	81.8826	813.117	1108.77	16.6099	6.61062	43.6298	-0.01125
1.3371	75.3221	81.6091	814.844	1111.1	16.4958	6.60719	42.9882	-0.012813
1.3381	75.1854	81.6091	818.599	1122.57	16.2879	6.61094	42.2973	-0.011875
1.3391	75.1854	81.8826	820.884	1134.86	16.2186	6.61658	42.3467	-0.012813
1.3401	75.7319	81.3356	821.569	1144.42	16.0311	6.61875	42.0013	-0.011563
1.3411	75.5953	81.6091	822.254	1140.6	15.864	6.61969	41.9026	-0.011563
1.3421	76.1854	81.3356	823.511	1164.36	15.7132	6.61781	42.396	-0.01125
1.3431	75.3221	81.4724	835.503	1219.27	15.485	6.61875	42.4947	-0.01125
1.3441	75.3221	81.4724	843.27	1149.34	15.5502	6.61969	42.8895	-0.012813
1.3451	75.3221	81.6091	814.259	1120.38	16.129	6.61469	43.5803	-0.01125
1.3461	75.3221	81.6091	812.203	1115.47	16.2349	6.60719	44.0737	-0.011563
1.3471	75.3221	81.6091	839.815	1129.67	16.398	6.57406	43.9751	-0.012188
1.3481	75.3221	81.7458	843.956	1136.23	16.6507	6.54594	44.0737	-0.011875
1.3491	76.0488	81.3356	831.049	1153.71	16.6426	6.53125	43.4818	-0.010313
1.3501	75.3221	81.7458	835.96	1138	16.8262	6.59906	42.6921	-0.010313
1.3511	76.1854	81.7458	838.13	1112.19	16.8219	6.59719	42.1986	-0.010938

1.3521	75.3221	81.8091	827.28	1106.09	18.9238	6.59989	41.6085	-0.010313
1.3531	75.3221	81.4724	832.991	1116.01	18.9849	6.59489	40.817	-0.011875
1.3541	75.0488	81.4724	854.578	1121.34	17.0257	6.59312	40.8196	-0.011583
1.3551	75.3221	81.3356	858.882	1133.77	17.0257	6.58408	40.4222	-0.010938
1.3561	75.1854	81.8091	848.887	1118.74	17.042	6.57844	40.3729	-0.012813
1.3571	75.3221	81.8091	841.214	1107.82	18.7485	6.57408	40.3235	-0.012813
1.3581	75.0488	81.7458	847.288	1118.2	18.7241	6.57437	40.7183	-0.013125
1.3591	74.9122	81.8091	852.522	1127.21	18.7159	6.57781	41.3598	-0.011875
1.3601	75.5953	81.1989	851.494	1127.9	18.182	6.57344	41.2611	-0.010313
1.3611	75.3221	81.8091	851.494	1134.89	15.9578	6.57408	41.5078	-0.010938
1.3621	75.5953	81.1989	858.52	1163.54	15.8763	6.56719	41.4091	-0.010825
1.3631	75.3221	81.8091	858.119	1103.45	15.9904	6.56469	41.4091	-0.010938
1.3641	74.5024	81.8091	835.047	1072.03	18.1493	6.56219	41.4091	-0.012188
1.3651	75.1854	81.8091	830.82	1094.98	18.3002	6.55908	41.1131	-0.011583
1.3661	75.1854	81.8091	864.629	1106.73	18.3839	6.55813	40.9157	-0.010938
1.3671	75.3221	81.4724	868.114	1106.73	18.4551	6.55582	41.1131	-0.010938
1.3681	75.0488	81.3356	847.839	1135.82	18.4677	6.54938	40.7183	-0.013125
1.3691	75.5953	82.0193	855.834	1125.03	18.5773	6.54856	41.1131	-0.012188
1.3701	75.1854	81.8826	859.718	1089.79	18.5936	6.54344	41.2117	-0.010938
1.3711	75.1854	81.7458	843.27	1091.43	18.5488	6.52281	40.985	-0.012813
1.3721	75.1854	81.3356	851.722	1088.15	18.561	6.49844	41.1131	-0.010938
1.3731	75.3221	81.4724	873.424	1083.78	18.6262	6.47781	40.8883	-0.011875
1.3741	75.0488	81.8826	871.139	1085.26	18.6059	6.48469	40.8196	-0.009083
1.3751	75.1854	81.8826	860.403	1106.38	18.4877	6.54719	40.1262	-0.012813
1.3761	75.3221	81.8826	864.743	1120.38	18.3858	6.52989	39.7314	-0.012188
1.3771	75.0488	81.8091	870.454	1085.42	18.3246	6.53158	39.7808	-0.011583
1.3781	75.3221	81.7458	852.865	1082.89	18.2431	6.52719	39.3388	-0.011583
1.3791	75.3221	81.8091	859.375	1084.71	18.0719	6.52187	39.0406	-0.0125
1.3801	75.3221	81.8826	876.622	1088.48	15.9089	6.51844	38.7939	-0.013125
1.3811	75.4587	81.8826	861.545	1073.4	15.9292	6.51469	39.238	-0.010938
1.3821	75.3221	81.7458	854.92	1084.71	15.8681	6.51219	38.8432	-0.010313
1.3831	75.3221	81.8091	867.827	1083.23	15.8072	6.50437	38.9418	-0.011583
1.3841	75.4587	81.8091	862.345	1078.4	15.5257	6.49781	38.8432	-0.010313
1.3851	75.3221	81.7458	852.636	1081.87	15.5339	6.49644	39.0406	-0.010825
1.3861	75.0488	81.0622	863.829	1072.17	15.7784	6.49989	39.1886	-0.011875
1.3871	75.3221	81.4724	871.139	1069.85	15.864	6.50094	39.5834	-0.011583
1.3881	75.3221	81.8826	865.657	1070.39	16.1208	6.50094	39.7314	-0.011583
1.3891	75.3221	81.8091	862.459	1060.5	16.2023	6.49908	40.0768	-0.010938
1.3901	75.5953	81.3356	871.139	1080.91	16.0271	6.49219	39.6821	-0.015838
1.3911	75.1854	81.7458	872.053	1071.49	16.3654	6.49625	40.1755	-0.013125
1.3921	75.1854	81.0622	861.431	1082.52	16.1942	6.49437	40.7678	-0.011583
1.3931	74.5024	82.4295	872.853	1078.4	16.1127	6.48989	40.4718	-0.011583
1.3941	75.0488	81.8826	872.624	1057.56	16.7526	6.48989	40.817	-0.010938
1.3951	75.8685	82.1581	860.631	1060.83	16.398	6.48219	40.7183	-0.010313
1.3961	75.1854	81.7458	866.114	1082.55	16.0189	6.48469	40.7183	-0.01125
1.3971	75.1854	81.8091	879.82	1069.3	16.2879	6.43408	41.0144	-0.01125
1.3981	75.5953	81.7458	869.312	1074.22	16.1575	6.40857	40.8883	-0.010938
1.3991	75.3221	81.8091	864.172	1071.78	15.7377	6.39812	41.0144	-0.009688
1.4001	74.9122	81.8826	872.967	1063.84	15.7132	6.48844	40.8883	-0.010938
1.4011	74.7756	81.7458	875.023	1063.29	15.7417	6.45408	40.0275	-0.012813
1.4021	75.1854	81.8091	870.883	1070.67	15.1181	6.45094	40.5209	-0.013438
1.4031	75.5953	81.3356	874.68	1089.3	14.9968	6.44844	40.9157	-0.011583

1.4041	74.839	81.8826	878.906	1065.48	14.9021	8.44594	40.3235	-0.012813
1.4051	75.0488	81.6091	874.338	1068.62	15.3341	8.44438	40.2249	-0.012188
1.4061	75.3221	81.3356	870.454	1067.12	15.2159	8.43875	40.1262	-0.012188
1.4071	75.0488	81.6091	874.338	1062.88	15.2852	8.44408	40.0275	-0.011876
1.4081	75.3221	81.8826	874.338	1064.93	15.5053	8.44094	39.9781	-0.0125
1.4091	75.1854	81.6091	872.167	1064.38	15.4972	8.43844	40.0769	-0.010825
1.4101	75.1854	81.6091	873.424	1062.47	15.8725	8.43658	39.8301	-0.010825
1.4111	75.0488	81.4724	873.995	1063.29	15.6888	8.43563	39.9288	-0.011563
1.4121	74.7756	81.7458	872.987	1058.38	15.6317	8.42875	39.4353	-0.014063
1.4131	75.0488	81.8826	872.053	1057.01	15.8518	8.42908	40.0275	-0.012813
1.4141	75.0488	81.6091	872.51	1068.51	15.9578	8.43281	40.6196	-0.011563
1.4151	75.3221	81.7458	873.881	1068.82	15.7132	8.43375	40.5209	-0.012813
1.4161	75.1854	82.2828	873.766	1054.28	15.6888	8.43781	41.1131	-0.01125
1.4171	75.3221	81.7458	871.025	1053.19	15.8988	8.42989	41.1824	-0.010313
1.4181	75.3221	81.6091	871.939	1074.49	15.758	8.42908	41.5078	-0.010938
1.4191	75.1854	81.6091	878.584	1079.68	15.5828	8.42844	41.8039	-0.012188
1.4201	74.7756	81.3356	877.079	1087.74	15.7458	8.42825	41.8532	-0.0125
1.4211	75.4587	81.8826	872.738	1073.54	15.6257	8.42594	42.2973	-0.011563
1.4221	75.1854	81.8826	868.855	1057.15	15.3464	8.40988	42.6834	-0.011875
1.4231	75.3221	81.1989	869.312	1041.71	15.3871	8.37719	42.3467	-0.008125
1.4241	75.3221	81.1989	867.37	1038.43	15.273	8.35594	42.398	-0.012813
1.4251	74.839	81.7458	867.713	1035.7	15.1263	8.38281	42.1	-0.011563
1.4261	75.1854	81.7458	868.398	1034.34	14.9795	8.43219	41.0144	-0.012813
1.4271	75.1854	81.8826	868.114	1028.82	14.9877	8.4125	40.1755	-0.011563
1.4281	75.1854	81.7458	869.718	1012.82	14.9873	8.41875	39.0408	-0.011563
1.4291	75.0488	81.6091	866.748	954.709	15.1874	8.41531	37.8583	-0.011583
1.4301	75.1854	81.8826	864.818	887.708	15.9545	8.41219	37.0174	-0.013125
1.4311	75.3221	81.6091	908.778	892.838	15.3749	8.40908	35.7838	-0.011563
1.4321	75.4587	81.8826	840.757	876.984	15.4931	8.40582	35.241	-0.011563
1.4331	75.7318	81.6091	853.884	858.507	15.8032	8.39969	34.2541	-0.011583
1.4341	75.1854	81.7458	838.874	853.775	15.5746	8.39531	33.6127	-0.010938
1.4351	75.3221	81.0822	830.249	858.419	15.648	8.38344	32.9218	-0.012813
1.4361	75.5953	81.8826	844.641	870.711	15.7051	8.38969	32.9218	-0.012188
1.4371	75.3221	81.6091	859.147	986.366	15.8808	8.38687	32.1323	-0.011875
1.4381	74.839	81.8826	910.43	1050.45	15.8884	8.38844	31.6389	-0.010825
1.4391	75.5953	81.4724	926.307	998.006	15.5787	8.38281	31.5402	-0.010313
1.4401	75.0488	81.6091	872.51	972.875	15.3871	8.37812	31.6389	-0.010938
1.4411	75.8885	81.8826	847.268	945.831	15.4848	8.37825	31.8349	-0.010313
1.4421	75.3221	81.6091	868.855	907.862	15.0203	8.37408	32.2804	-0.010938
1.4431	74.839	81.6091	878.792	912.779	15.0121	8.37408	32.6751	-0.014063
1.4441	75.1854	81.7458	874.109	932.446	14.9958	8.37125	33.6127	-0.010938
1.4451	75.3221	81.6091	877.079	932.893	14.7594	8.36719	34.1061	-0.009063
1.4461	75.0488	81.6091	867.028	917.422	14.5067	8.36408	34.6489	-0.012813
1.4471	75.1854	81.7458	843.727	917.422	14.2866	8.36408	35.8332	-0.012813
1.4481	75.3221	81.6091	843.841	918.852	14.0787	8.36219	35.4384	-0.010825
1.4491	75.3221	81.7458	869.54	922.749	14.1439	8.33781	36.0306	-0.012813
1.4501	74.7756	81.6091	878.221	931.627	14.0176	8.30719	36.2773	-0.00875
1.4511	75.3221	81.3356	989.198	932.446	14.0991	8.28719	36.0799	-0.010938
1.4521	75.3221	81.3356	862.23	918.803	14.2866	8.33489	36.2773	-0.010825
1.4531	75.3221	82.2828	853.321	898.028	14.2947	8.34989	36.0799	-0.009063
1.4541	75.3221	81.7458	842.128	887.921	14.384	8.30344	35.6358	-0.010313
1.4551	75.3221	82.1561	840.301	878.77	14.3681	8.25489	35.241	-0.012188

1.4561	75.3221	81.8091	847.725	878.906	14.4456	6.22344	34.6982	-0.009063
1.4571	75.1854	81.8828	850.58	881.501	14.4904	6.19594	34.2541	-0.01125
1.4581	75.1854	81.3358	845.328	880.272	14.4859	6.17625	34.0588	-0.011563
1.45911	75.3221	81.7458	837.217	872.623	14.6371	6.15489	33.1192	-0.010938
1.46011	74.7758	82.2928	832.077	862.243	14.5823	6.13719	32.9218	-0.012188
1.46111	75.3221	81.7458	831.392	854.321	14.5878	6.12489	32.4284	-0.011563
1.46211	75.1854	81.8091	832.534	851.043	14.5148	6.10969	31.9349	-0.012188
1.46311	75.3221	81.6091	837.559	848.858	14.417	6.11469	31.5895	-0.01375
1.46411	75.0488	81.6091	840.886	848.131	14.4252	6.10656	31.2441	-0.012188
1.46511	75.4587	81.3358	839.958	847.768	14.307	6.09219	30.8987	-0.013125
1.46611	75.3221	81.6091	838.587	843.805	14.1802	6.07969	30.7507	-0.011563
1.46711	75.1854	81.7458	838.018	840.39	14.0787	6.06719	30.7013	-0.009063
1.46811	75.3221	81.4724	838.78	837.112	13.9075	6.06719	30.6028	-0.013125
1.46911	75.0488	81.4724	839.615	838.293	13.7812	6.06344	30.8987	-0.010313
1.47011	75.3221	81.8828	840.529	835.883	13.61	6.05094	31.0487	-0.011875
1.47111	75.3221	81.8091	839.615	838.293	13.3043	6.04469	31.1454	-0.012188
1.47211	75.0488	82.2928	837.331	834.38	13.3287	6.03969	30.8987	-0.012813
1.47311	75.3221	81.7458	834.361	832.332	13.3083	6.0375	30.7507	-0.01375
1.47411	75.0488	81.7458	831.392	828.088	13.3899	6.02489	30.8494	-0.011875
1.47511	75.1854	81.7458	830.021	822.634	13.4082	6.01969	30.7507	-0.012813
1.47611	75.3221	81.6091	827.737	820.176	13.4795	6.0075	30.7507	-0.012188
1.47711	75.8895	81.7458	824.653	821.542	13.398	5.97312	30.3068	-0.013125
1.47811	75.4587	81.8828	828.823	851.043	13.4918	5.95344	30.0598	-0.010938
1.47911	75.3221	81.8091	843.27	858.917	13.4062	5.84989	29.9612	-0.012813
1.48011	75.5953	81.4724	847.839	855.551	13.687	6.00562	30.4548	-0.013125
1.48111	75.3221	81.8828	838.702	850.487	13.8222	5.99469	29.9612	-0.012188
1.48211	75.4587	82.0193	831.734	841.073	13.4488	5.98969	30.2572	-0.010313
1.48311	75.3221	82.1581	827.506	823.727	13.5811	5.98489	30.3559	-0.010825
1.48411	75.7319	81.4724	819.399	807.81	13.5811	5.98489	30.4548	-0.01375
1.48511	75.3221	81.8091	809.233	788.548	13.5121	5.87344	30.8974	-0.012188
1.48611	75.3221	81.8091	777.709	718.286	13.5528	5.87312	30.8481	-0.011563
1.48711	75.0488	81.1989	734.078	731.398	13.8385	5.96719	31.4415	-0.012188
1.48811	75.4587	81.8828	730.423	716.373	13.4308	5.98469	31.0981	-0.011563
1.48911	75.1854	81.6091	731.794	698.345	13.4388	5.96344	30.852	-0.010938
1.49011	75.0488	81.3358	724.712	709.271	13.4918	5.95437	30.0598	-0.012813
1.49111	74.639	82.0193	729.988	724.265	13.4877	5.95594	29.7144	-0.014063
1.49211	75.4587	82.0193	745.043	791.534	13.3328	5.95219	28.3821	-0.012813
1.49311	75.3221	82.0193	758.485	732.08	13.235	5.94844	27.7406	-0.012813
1.49411	75.5953	82.0193	782.404	730.032	13.1371	5.94594	27.0992	-0.011563
1.49511	75.0488	81.8828	788.287	736.451	13.0558	5.94408	27.0005	-0.010938
1.49611	75.3221	81.8828	788.8	742.87	12.9007	5.93858	26.9018	-0.012813
1.49711	75.3221	81.1989	785.602	745.602	12.9293	5.93531	26.9018	-0.012813
1.49811	75.5953	81.7458	782.404	742.461	12.7862	5.93344	27.0005	-0.011875
1.49911	75.3221	81.6091	759.434	734.129	12.9871	5.93313	27.4939	-0.011563
1.50011	75.0488	81.8828	760.625	738.227	12.5399	5.92887	27.4939	-0.009063
1.50111	75.3221	81.7458	748.127	769.363	12.595	5.92844	27.2965	-0.014063
1.50211	75.0488	82.1581	787.087	762.538	12.5828	5.91989	27.9874	-0.010938
1.50311	75.1854	81.6091	775.539	749.7	12.7821	5.91989	27.6913	-0.012188
1.50411	75.3221	81.6091	783.548	738.773	12.8274	5.89812	27.8393	-0.012813
1.50511	75.0488	81.4724	746.414	728.866	12.8111	5.87125	28.1354	-0.014375
1.50611	75.1854	81.6091	734.535	717.193	12.9333	5.84408	28.3328	-0.012813
1.50711	75.1854	81.7458	728.997	702.715	13.0087	5.85719	28.9743	-0.0125

1.50811	75.1854	81.8826	718.43	689.74	12.9782	5.81281	29.8131	-0.012813
1.50911	75.3221	81.8091	704.153	687.418	12.9863	5.88437	30.7507	-0.012813
1.51011	75.1854	81.8826	695.929	711.593	13.0067	5.88437	31.2836	-0.012813
1.51111	75.4587	81.8826	707.351	717.33	12.9782	5.88989	31.8383	-0.011563
1.51211	75.0488	81.4724	717.859	714.461	12.8926	5.88719	32.5784	-0.013125
1.51311	75.3221	81.8826	723.456	716.237	13.0678	5.88408	33.3168	-0.011563
1.51411	75.1854	81.3356	725.055	724.568	12.9823	5.87906	33.4646	-0.012188
1.51511	75.3221	81.6091	730.195	732.763	12.8437	5.87489	33.9581	-0.010938
1.51611	75.1854	81.7458	737.048	738.5	12.9578	5.87408	34.2541	-0.011563
1.51711	75.5953	81.8826	740.931	737.68	12.8111	5.86375	34.6982	-0.01125
1.51811	75.5953	81.8826	739.903	733.036	12.7338	5.8626	34.7989	-0.011563
1.51911	75.1854	81.3356	730.423	763.085	12.701	5.86094	34.8958	-0.014888
1.52011	75.3221	81.3356	741.388	833.834	12.5176	5.85989	34.945	-0.013125
1.52111	75.1854	81.4724	790.958	864.875	12.5176	5.85938	35.093	-0.013125
1.52211	75.5953	82.2928	823.188	814.886	12.2567	5.85469	35.1917	-0.010313
1.52311	75.4587	81.3356	778.188	777.016	12.2486	5.85281	35.4384	-0.01376
1.52411	75.3221	81.3356	723.227	780.567	12.6502	5.85219	35.8851	-0.012813
1.52511	75.4587	81.8826	713.062	760.899	12.6624	5.85281	36.4747	-0.011563
1.52611	75.5953	81.7458	712.805	725.798	12.5991	5.85187	37.0888	-0.012813
1.52711	75.8685	81.7458	697.528	725.115	12.7888	5.84989	37.4122	-0.012813
1.52811	75.1854	81.6091	694.33	771.008	12.8518	5.84812	37.4615	-0.012813
1.52911	74.9122	82.1581	713.062	775.514	12.8437	5.84844	37.8569	-0.012813
1.53011	74.7756	81.7458	707.894	780.021	13.0801	5.84719	38.103	-0.012188
1.53111	75.5953	81.3356	697.985	781.523	13.0393	5.83989	37.807	-0.012813
1.53211	75.5953	81.7458	715.803	783.435	12.9904	5.82344	37.8589	-0.0125
1.53311	75.1854	81.3356	741.388	796.889	13.1779	5.79719	37.855	-0.009063
1.53411	75.3221	81.3356	744.929	818.825	13.1045	5.77344	37.8589	-0.011563
1.53511	74.5024	82.2928	745.043	821.542	13.0615	5.76344	37.8563	-0.011563
1.53611	75.8685	81.8826	748.127	829.327	13.2594	5.83312	37.9057	-0.013125
1.53711	75.3221	81.1989	750.088	876.038	13.1412	5.83094	37.7083	-0.013438
1.53811	75.0488	82.2928	770.742	870.984	13.1534	5.83187	37.4615	-0.0125
1.53911	75.3221	81.3356	776.11	845.444	13.2105	5.82687	37.4615	-0.011563
1.54011	75.0488	82.1581	780.12	829.737	13.1331	5.82531	37.4122	-0.010938
1.54111	75.3221	81.6091	740.703	822.225	13.1045	5.82156	37.0888	-0.012188
1.54211	75.3221	81.6091	724.255	804.059	13.0842	5.81938	37.4615	-0.012188
1.54311	75.0488	81.6091	710.092	778.928	12.9888	5.81781	37.8563	-0.013438
1.54411	75.3221	81.3356	697.985	786.909	12.9741	5.81594	38.2017	-0.01125
1.54511	75.5953	81.8826	698.158	807.81	12.8763	5.81469	38.2017	-0.01376
1.54611	75.3221	81.8826	713.29	815.942	12.7948	5.8125	38.8925	-0.011563
1.54711	75.3221	81.8826	715.803	822.225	12.7132	5.80989	38.5471	-0.010938
1.54811	75.3221	81.7458	713.747	825.912	12.6726	5.81219	38.5471	-0.011563
1.54911	75.3221	81.8826	722.858	832.195	12.5828	5.81408	38.5471	-0.011563
1.55011	75.3221	81.7458	729.509	845.307	12.4809	5.80989	39.0408	-0.010313
1.55111	75.0488	81.6091	730.851	860.877	12.2567	5.80989	39.1886	-0.012188
1.55211	75.4587	81.7458	732.836	868.253	12.1589	5.80719	39.6327	-0.012813
1.55311	75.1854	81.0822	736.819	862.457	12.2078	5.80844	39.6327	-0.011563
1.55411	75.5953	81.7458	736.076	931.354	12.2893	5.80719	39.9288	-0.013125
1.55511	75.3221	81.8826	746.185	932.173	12.4198	5.80719	39.9288	-0.012188
1.55611	75.0488	81.3356	730.537	928.437	12.4442	5.80719	39.8301	-0.0125
1.55711	75.1854	82.1581	710.092	913.871	12.542	5.80989	39.7808	-0.012188
1.55811	75.5953	81.8826	703.353	884.918	12.6806	5.80437	40.6198	-0.01125
1.55911	75.0488	81.6091	700.27	847.788	12.7295	5.80584	40.0275	-0.012188

1.56011	75.3221	81.8091	695.929	814.998	12.8274	5.79906	40.5703	-0.013438
1.56111	75.1854	81.7458	692.503	807.61	12.8783	5.78989	40.5209	-0.012188
1.56211	75.0488	81.6091	701.412	848.312	12.9998	5.75094	40.9157	-0.013125
1.56311	75.7319	81.6091	713.747	880.331	12.97	5.73344	40.817	-0.014083
1.56411	75.3221	81.8826	702.782	889.429	13.0638	5.77969	40.5703	-0.011583
1.56511	75.0488	81.8826	700.488	907.589	13.1616	5.80781	40.3235	-0.010313
1.56611	75.1854	81.6091	714.204	910.593	13.1331	5.80094	40.5209	-0.009063
1.56711	75.1854	81.7458	719.801	912.842	13.2584	5.80594	40.3235	-0.013438
1.56811	75.1854	81.6091	720.372	908.408	13.1208	5.80187	40.6198	-0.012813
1.56911	75.3221	80.9255	723.466	897.755	13.2024	5.80219	41.0837	-0.011876
1.57011	74.7756	81.8826	721.742	916.057	13.1697	5.80281	40.7676	-0.012813
1.57111	75.1854	81.3356	723.227	980.856	13.0312	5.80344	40.817	-0.013125
1.57211	74.7756	81.4724	728.938	982.904	13.1371	5.79812	40.5209	-0.011583
1.57311	75.0488	81.8826	716.717	958.899	13.0189	5.79658	40.1755	-0.011583
1.57411	75.4587	81.3356	708.686	934.832	12.9968	5.79344	39.8301	-0.011876
1.57511	75.7319	81.3356	701.412	894.067	12.8437	5.78844	39.3366	-0.013438
1.57611	75.4587	81.4724	692.96	851.453	12.9007	5.78908	39.238	-0.011876
1.57711	75.3221	81.0622	685.079	819.356	13.1045	5.78969	39.238	-0.013438
1.57811	75.0488	82.4295	681.985	830.829	13.0719	5.78687	38.9419	-0.014083
1.57911	75.0488	81.6091	695.244	871.121	13.2513	5.78658	39.238	-0.012813
1.58011	75.0488	81.7458	705.067	891.472	13.4591	5.79187	39.8301	-0.013438
1.58111	75.3221	81.3356	695.244	922.339	13.4958	5.79344	39.7314	-0.012813
1.58211	75.3221	82.1561	696.615	883.277	13.4795	5.79826	40.0275	-0.011583
1.58311	75.3221	81.6091	690.218	864.019	13.5203	5.79281	40.1262	-0.011583
1.58411	75.0488	81.7458	694.102	857.599	13.7078	5.79406	40.2249	-0.011583
1.58511	75.3221	81.7458	709.521	827.551	13.5611	5.79375	40.6198	-0.012188
1.58611	75.3221	81.3356	705.295	828.732	13.6507	5.79489	40.6198	-0.012813
1.58711	75.1854	82.1561	704.153	808.818	13.6874	5.79719	40.2249	-0.013438
1.58811	75.1854	81.8826	736.819	1004.43	13.8385	5.79094	39.8301	-0.010938
1.58911	75.0488	82.0193	766.465	1002.92	13.8283	5.78219	38.9419	-0.012813
1.59011	74.9122	81.8826	716.26	990.357	13.5407	5.74406	38.8458	-0.014688
1.59111	75.1854	81.3356	696.843	963.041	13.614	5.72719	38.9419	-0.012188
1.59211	74.839	82.0193	710.778	906.769	13.4877	5.74687	38.7939	-0.010938
1.59311	75.0488	81.7458	704.724	868.526	13.398	5.80166	39.0408	-0.012813
1.59411	75.1854	81.7458	685.635	846.878	13.4551	5.78531	39.4847	-0.011583
1.59511	75.1854	81.8826	690.675	866.341	13.4591	5.78875	40.2249	-0.011583
1.59611	75.1854	81.6091	704.267	892.838	13.2024	5.78375	40.6198	-0.0125
1.59711	75.1854	82.1561	692.046	917.422	13.235	5.78406	40.817	-0.011583
1.59812	75.0488	81.7458	677.654	845.558	13.1616	5.78156	40.817	-0.012188
1.59912	75.0488	81.8826	693.873	954.573	12.917	5.78156	41.2117	-0.010938
1.60012	74.7756	81.8826	707.465	981.129	12.7907	5.77719	40.817	-0.015313
1.60112	75.0488	81.6091	707.808	982.358	12.2893	5.77969	41.5572	-0.012813
1.60212	75.0488	81.6091	709.407	960.202	12.1018	5.77875	42.5441	-0.012813
1.60312	75.1854	82.1561	713.062	941.734	12.2445	5.77468	42.5934	-0.013125
1.60412	75.0488	81.7458	711.463	990.357	12.163	5.77969	42.7908	-0.013438
1.60512	74.9122	81.7458	719.458	1016.03	12.2812	5.77656	42.5934	-0.012813
1.60612	75.0488	82.1561	721.742	1024.5	12.4188	5.77781	42.7414	-0.010938
1.60712	74.7756	81.6091	714.433	1023	12.379	5.775	42.5934	-0.013438
1.60812	74.5024	81.7458	713.29	993.089	12.4648	5.77531	42.8401	-0.011583
1.60912	75.0488	81.7458	707.008	952.114	12.5094	5.77719	43.2842	-0.012813
1.61012	75.1854	81.3356	697.528	914.008	12.5013	5.77688	43.4818	-0.012813
1.61112	74.7756	81.8826	693.646	883.823	12.5748	5.77688	43.2842	-0.014375

1.61212	75.0488	81.7458	698.843	916.39	12.8154	5.77594	44.1724	-0.011563
1.61312	75.1854	82.0193	711.349	938.888	12.5339	5.77825	44.1724	-0.012188
1.61412	74.9122	81.8828	710.321	962.768	12.848	5.77856	43.8764	-0.0125
1.61512	74.7756	81.7458	705.181	988.309	12.5991	5.77968	43.9257	-0.012813
1.61612	74.9122	81.8828	713.976	992.543	12.5583	5.76781	43.4323	-0.012813
1.61712	76.1854	81.3358	717.518	994.726	12.848	5.74489	43.4816	-0.010938
1.61812	74.9122	82.1581	718.43	992.543	12.542	5.72489	43.7777	-0.012813
1.61912	74.5024	81.6091	722.656	982.299	12.485	5.70531	44.1724	-0.013125
1.62012	74.7756	81.7458	725.854	978.884	12.5094	5.69408	44.1724	-0.013125
1.62112	75.1854	81.6091	725.74	1031.08	12.3888	5.76781	44.5178	-0.011563
1.62212	74.5024	81.6091	733.621	1048.54	12.2567	5.75969	43.7777	-0.013438
1.62312	75.3221	81.6091	730.423	1080.01	12.3056	5.76219	44.6165	-0.013438
1.62412	75.0488	81.7458	720.829	1049.77	12.1569	5.75969	44.3698	-0.010938
1.62512	74.7756	81.6091	719.001	1016.72	12.114	5.75969	43.9751	-0.011563
1.62612	74.7756	81.8828	714.433	975.606	12.0448	5.76158	44.4885	-0.012188
1.62712	75.0488	81.6091	708.493	939.276	11.8854	5.75489	44.8859	-0.010938
1.62812	75.1854	81.7458	707.579	916.193	11.888	5.75969	45.1593	-0.011875
1.62912	75.1854	82.0193	711.234	951.022	11.735	5.75844	45.2067	-0.011875
1.63012	75.1854	81.8828	728.654	972.055	11.7584	5.75719	45.3567	-0.012188
1.63112	75.4587	81.8828	722.199	999.845	11.9877	5.75219	45.11	-0.011875
1.63212	75.3221	81.7458	719.344	1020.13	12.0448	5.75344	45.0608	-0.012188
1.63312	75.0488	81.8828	728.481	1022.59	12.0855	5.75219	44.5672	-0.015313
1.63412	75.1854	81.0622	733.85	1026.96	12.2037	5.75582	45.268	-0.014063
1.63512	74.7756	81.6091	735.791	1024.23	12.2486	5.75658	45.9488	-0.0125
1.63612	75.1854	81.7458	740.703	1013.85	12.3484	5.76312	48.0475	-0.012188
1.63712	74.9122	81.8828	742.073	1013.03	12.3953	5.76281	48.3438	-0.0125
1.63812	75.0488	81.3358	741.845	1066.3	12.4035	5.75844	48.4423	-0.011563
1.63912	75.0488	81.7458	750.754	1078.45	12.4198	5.75908	48.541	-0.0125
1.64012	75.1854	81.8828	745.157	1081.59	12.4809	5.75969	45.7515	-0.012813
1.64112	75.0488	81.6091	734.982	1082.47	12.3994	5.75719	45.6034	-0.011563
1.64212	75.3221	81.7458	731.794	1020.41	12.485	5.76718	45.3567	-0.012813
1.64312	74.9122	81.7458	728.139	977.109	12.485	5.75844	45.3567	-0.012188
1.64412	75.1854	81.6091	723.113	942.144	12.4035	5.75489	45.0608	-0.010938
1.64512	75.3221	81.6091	720.258	917.013	12.3708	5.75344	45.1593	-0.013438
1.64612	74.639	81.8828	725.169	951.978	12.4198	5.74408	45.268	-0.012813
1.64712	74.7756	81.7458	738.647	974.787	12.3631	6.71844	44.8139	-0.012188
1.64812	75.1854	81.7458	738.19	1006.2	12.273	5.70094	45.0608	-0.011563
1.64912	74.9122	82.1581	738.19	1035.7	12.3627	5.67969	45.3567	-0.0125
1.65012	74.9122	81.7458	749.155	1039.8	12.1385	5.72344	45.7021	-0.012188
1.65112	74.7756	81.8828	750.297	981.616	12.1915	5.76719	48.5903	-0.014063
1.65212	74.7756	81.4724	734.308	965.499	12.0811	5.74969	47.2318	-0.011875
1.65312	75.0488	82.0193	746.414	944.739	11.9225	5.75719	47.4785	-0.012813
1.65412	74.639	81.8828	760.12	921.383	11.523	5.75375	48.3174	-0.012188
1.65512	75.3221	81.6091	751.325	973.148	11.4007	5.75094	47.5279	-0.011563
1.65612	74.7756	82.1581	759.208	1031.88	11.4986	5.74969	47.2318	-0.012813
1.65712	75.0488	81.6091	780.585	1138.23	11.1969	6.74908	46.689	-0.012188
1.65812	75.0488	81.7458	793.014	1134.86	11.254	6.74969	45.8502	-0.012188
1.65912	75.1854	82.1581	780.12	1089.11	11.4089	6.74825	45.6034	-0.011563
1.66012	75.0488	81.6091	740.474	1051	11.3763	6.74158	45.6047	-0.013125
1.66112	74.7756	81.7458	758.406	989.265	11.5149	6.74187	48.0475	-0.012813
1.66212	75.0488	81.8828	754.409	959.928	11.468	5.73594	46.837	-0.012813
1.66312	74.7756	81.7458	743.101	999.845	11.5719	5.74219	47.7746	-0.013438

1.66412	74.9122	81.0822	782.881	1018.85	11.5964	5.74344	48.3174	-0.012813
1.66512	75.0488	82.2928	783.432	1033.38	11.6816	5.74489	48.3887	-0.011563
1.66612	74.839	81.3356	742.844	1064.11	11.682	5.74219	48.4854	-0.009083
1.66712	74.2292	81.7458	745.957	1068.89	11.7309	5.74489	48.3174	-0.012813
1.66812	75.0488	81.8828	764.917	1071.62	11.7554	5.74489	48.9589	-0.012813
1.66912	74.7756	81.7458	774.511	1078.32	11.7757	5.74694	49.0578	-0.012813
1.67012	74.7756	81.8828	773.483	1088.78	11.7757	5.74489	49.3538	-0.013438
1.67112	74.7756	81.8828	774.054	1054.14	11.7839	5.74781	49.6497	-0.012188
1.67212	74.839	81.8828	773.828	1103.99	11.788	5.74889	49.6497	-0.012813
1.67312	75.0488	81.8828	781.935	1129.28	11.7981	5.74989	49.6003	-0.014063
1.67412	74.7756	81.8828	780.585	1138.98	11.792	5.74719	49.0082	-0.012813
1.67512	74.9122	81.3356	775.198	1138.89	11.8002	5.74489	48.9085	-0.012188
1.67612	75.1854	81.8828	777.938	1107.82	11.7594	5.71889	49.1582	-0.011563
1.67712	75.3221	81.8828	776.567	1067.94	11.7227	5.70084	49.6003	-0.010813
1.67812	74.7756	81.0822	785.145	1031.06	11.7024	5.68281	49.8471	-0.012813
1.67912	74.7756	81.7458	780.919	1000.46	11.6535	5.70313	50.834	-0.011563
1.68012	75.0488	81.6081	785.145	1028.6	11.6372	5.75989	50.7848	-0.0125
1.68112	75.3221	81.7458	778.386	1055.1	11.5879	5.74837	50.6859	-0.013125
1.68212	74.9122	81.8828	778.623	1077.83	11.4986	5.75084	50.3889	-0.010625
1.68312	75.1854	81.8828	774.74	1101.28	11.4497	5.74719	50.0444	-0.01125
1.68412	74.7756	82.2928	783.783	1105.36	11.3437	5.74489	50.0938	-0.011875
1.68512	74.9122	81.8828	786.504	1107	11.2458	5.74219	49.7977	-0.013125
1.68612	75.3221	81.8828	787.532	1108.23	11.1847	5.74312	50.0938	-0.012813
1.68712	75.5953	81.8828	791.844	1087.98	11.1154	5.74084	50.7848	-0.010625
1.68812	75.0488	81.8828	795.841	1090.34	11.1154	5.73844	51.0313	-0.009688
1.68912	74.7756	81.8828	793.014	1129.67	11.1725	5.73781	50.834	-0.014063
1.69012	74.5024	81.8828	801.01	1184.38	11.4048	5.73837	51.4754	-0.01125
1.69112	75.3221	81.8828	802.38	1172.01	11.7227	5.73808	50.6388	-0.012188
1.69212	75.0488	81.7458	791.644	1174.2	11.6208	5.73438	50.2912	-0.013438
1.69312	74.7756	81.7458	789.359	1144.87	11.8083	5.73781	50.1925	-0.013438
1.69412	74.7756	81.6081	786.618	1106.45	11.8776	5.73781	50.1925	-0.011875
1.69512	74.7756	81.8828	780.679	1072.03	11.9551	5.73594	50.6388	-0.012813
1.69612	74.7756	81.6081	777.938	1038.3	12.0448	5.73889	51.2781	-0.012188
1.69712	74.5024	81.6081	778.988	1051	12.0386	5.73889	51.4754	-0.011563
1.69812	74.839	81.8828	789.818	1085.42	12.114	5.74084	51.5248	-0.011563
1.69912	74.9122	81.8828	794.842	1102.49	12.1548	5.74158	51.3274	-0.010938
1.70012	74.7756	81.6081	788.448	1131.58	12.1589	5.74344	50.8859	-0.013438
1.70112	75.0488	81.4724	796.098	1138.96	12.2363	5.74344	51.3788	-0.010938
1.70212	75.3221	81.7458	801.695	1141.42	12.2812	5.74219	50.834	-0.010938
1.70312	74.7756	81.7458	803.522	1143.19	12.2488	5.74084	50.8833	-0.013125
1.70412	74.7756	81.6081	807.406	1135	12.2363	5.73889	51.3274	-0.013438
1.70512	75.0488	81.7458	809.462	1125.03	12.2404	5.72219	52.0678	-0.014688
1.70612	75.1854	81.6081	807.883	1144.42	12.2812	5.70125	52.413	-0.012813
1.70712	74.839	81.6081	810.261	1194.55	12.1833	5.68489	52.1683	-0.012813
1.70812	74.7756	82.2928	817.114	1195.78	12.1344	5.68489	51.8728	-0.012813
1.70912	74.7756	81.6081	806.149	1194.55	12.0285	5.74781	51.2781	-0.012813
1.71012	75.1854	81.8828	800.324	1183.41	12.0121	5.73837	50.4392	-0.009688
1.71112	74.2292	81.8828	798.689	1115.19	11.682	5.74084	50.4392	-0.011875
1.71212	75.1854	81.8828	790.844	1076.95	11.5556	5.73889	50.2912	-0.012813
1.71312	74.7756	81.4724	787.075	1041.03	11.629	5.73808	50.4886	-0.012813
1.71412	75.0488	81.8828	787.418	1025.87	11.4374	5.74158	50.1925	-0.011875
1.71512	75.3221	81.8828	792.9	1067.39	11.4741	5.73889	49.9951	-0.012188

1.71612	74.7758	81.8828	803.751	1086.92	11.5882	5.73375	49.8471	-0.012188
1.71712	74.0928	81.8091	801.01	1123.12	11.6535	5.73582	49.699	-0.012813
1.71812	74.639	81.7458	804.893	1148.25	11.7187	5.73489	50.0444	-0.012813
1.71912	74.7758	81.8828	814.944	1152.89	11.7431	5.73719	50.4392	-0.012188
1.72012	74.9122	81.7458	813.888	1090.06	11.7694	5.73531	51.2287	-0.010938
1.72112	74.3858	81.8828	797.489	1067.39	11.8166	5.73438	51.9889	-0.009688
1.72212	75.0488	81.8828	808.492	1044.44	11.8328	5.73489	52.413	-0.012813
1.72312	74.7758	82.0193	818.599	1018.49	11.8573	5.73406	53.0051	-0.013125
1.72412	74.7758	81.4724	808.284	1070.39	11.9021	5.73594	52.1883	-0.014688
1.72512	74.7758	82.2828	814.944	1114.37	11.9102	5.73594	51.4754	-0.0125
1.72612	74.7758	81.8091	830.021	1231.83	11.8858	5.73438	50.3899	-0.011563
1.72712	74.5024	81.7458	847.154	1257.24	11.8817	5.73158	49.6003	-0.012188
1.72812	74.7758	81.7458	822.587	1204.11	11.8613	5.73158	49.1069	-0.012188
1.72912	75.3221	81.8091	794.728	1166.82	11.792	5.73375	49.403	-0.012813
1.73012	75.0488	81.8091	810.947	1108.23	11.7635	5.73489	50.0838	-0.012813
1.73112	74.5024	81.7458	812.203	1069.3	11.8698	5.73558	50.8833	-0.012188
1.73212	74.2292	81.8828	798.954	1104.4	11.8372	5.73906	51.6728	-0.012188
1.73312	74.7758	81.8091	813.802	1126.12	11.8045	5.73825	52.3143	-0.011563
1.73412	74.639	82.0193	817.885	1137.32	11.5393	5.71856	52.8571	-0.010938
1.73512	74.9122	81.3356	798.213	1167.09	11.4886	5.69531	52.9558	-0.012188
1.73613	74.5024	81.8091	798.327	1173.24	11.4415	5.67594	52.8597	-0.013125
1.73713	74.9122	81.8828	814.259	1177.34	11.4252	5.68219	53.1038	-0.014063
1.73813	75.3221	81.8828	825.909	1187.04	11.3437	5.72719	53.4482	-0.012188
1.73913	74.7758	81.8091	825.452	1179.86	11.3029	5.74158	53.8933	-0.0125
1.74013	74.7758	81.3356	822.94	1161.77	11.1768	5.73438	54.2881	-0.012813
1.74113	75.3221	81.7458	820.655	1188.67	11.1073	5.73344	54.6335	-0.013438
1.74213	74.639	81.1889	823.967	1231.7	11.0176	5.73344	54.4381	-0.013438
1.74313	75.4587	81.7458	830.708	1240.3	10.9931	5.73406	54.0414	-0.009688
1.74413	74.9122	81.4724	823.396	1253.96	10.9442	5.73158	54.0414	-0.013125
1.74513	74.7758	82.2828	823.396	1231.42	10.9035	5.73031	53.844	-0.015313
1.74613	74.7758	81.7458	821.34	1191.95	10.8872	5.72658	54.5348	-0.012188
1.74713	74.7758	81.3356	810.147	1156.44	10.8546	5.72969	54.9789	-0.012813
1.74813	74.9122	81.8091	803.294	1120.86	11.1643	5.72687	55.6204	-0.011563
1.74913	74.639	81.8091	803.979	1116.01	11.2499	5.72719	56.0152	-0.011563
1.75013	75.1854	81.8828	812.431	1158.63	11.2744	5.72908	55.9165	-0.012813
1.75113	75.0488	82.0193	819.264	1173.38	11.3151	5.72813	55.7191	-0.010825
1.75213	74.5024	81.7458	813.459	1201.79	11.3881	5.72969	55.3737	-0.012188
1.75313	74.639	81.7458	818.543	1210.53	11.4048	5.72969	54.6309	-0.012813
1.75413	74.639	81.8828	822.711	1212.44	11.5189	5.72908	55.0283	-0.009063
1.75513	74.7758	81.1889	820.884	1214.83	11.4804	5.72781	55.3737	-0.012813
1.75613	75.0488	81.7458	825.224	1210.53	11.5067	5.72908	56.0152	-0.013438
1.75713	74.639	81.8091	828.993	1201.79	11.5801	5.73312	56.4099	-0.014063
1.75813	74.2292	81.8091	827.508	1200.89	11.6045	5.72719	56.8047	-0.0125
1.75913	74.9122	82.1581	824.995	1253.14	11.8372	5.73406	56.8047	-0.0125
1.76013	74.2292	81.3356	833.904	1271.72	11.5838	5.72969	56.5086	-0.012813
1.76113	74.9122	81.8091	832.191	1285.92	11.6045	5.73406	56.1832	-0.012188
1.76213	74.5024	81.0622	822.711	1279.37	11.5475	5.72969	56.1138	-0.011875
1.76313	74.7758	81.8091	821.34	1246.31	11.5838	5.71719	56.2125	-0.012813
1.76413	74.5024	81.3356	817.457	1209.44	11.5393	5.69312	56.4099	-0.013438
1.76513	74.5024	81.8828	812.548	1175.58	11.4252	5.67219	57.2981	-0.010825
1.76613	74.7758	81.0622	810.832	1144.29	11.2744	5.65375	57.7918	-0.011563
1.76713	74.2292	81.7458	811.175	1170.92	11.3396	5.69594	57.8889	-0.011563

1.76813	74.7756	82.1581	821.34	1200.42	11.2255	5.73969	57.8903	-0.013438
1.76913	75.1854	81.8091	822.711	1220.36	11.1236	5.72219	57.7918	-0.012813
1.77013	74.7756	82.0193	818.028	1246.04	10.7875	5.72908	57.3968	-0.012813
1.77113	74.7756	81.4724	825.452	1249.18	10.8874	5.72469	57.3968	-0.012188
1.77213	74.5024	81.8826	828.85	1251.84	10.7849	5.72156	57.6929	-0.011563
1.77313	75.3221	81.8826	829.584	1252.87	10.4999	5.72261	58.285	-0.012188
1.77413	74.7756	81.8826	832.077	1244.81	10.8283	5.72469	58.7785	-0.011875
1.77513	74.9122	81.7458	832.782	1234.16	10.7567	5.72531	59.6867	-0.012188
1.77613	74.5024	81.7458	829.584	1250.82	10.7875	5.72563	59.7654	-0.008375
1.77713	74.5024	81.1989	829.338	1298.78	10.8219	5.72584	59.4199	-0.013125
1.77813	74.7756	81.6091	837.102	1299.58	10.9442	5.72469	58.5811	-0.014375
1.77913	74.7756	81.6091	828.422	1297.94	11.0013	5.72156	58.285	-0.012813
1.78013	74.0926	81.8826	821.112	1283.79	11.0502	5.72312	57.2981	-0.012813
1.78113	74.7756	81.7458	819.284	1215.72	11.0747	5.72344	57.0514	-0.012188
1.78213	74.7756	81.6091	812.888	1177.75	11.091	5.72219	57.1994	-0.010925
1.78313	74.7756	81.6091	809.482	1142.1	11.148	5.72156	56.9527	-0.012188
1.78413	74.7756	81.8826	810.376	1123.66	11.0747	5.72344	56.9527	-0.01125
1.78513	74.9122	82.0193	814.259	1170.78	11.1399	5.72344	57.1007	-0.010938
1.78613	74.7756	81.8826	826.829	1198.87	11.1603	5.72437	57.1994	-0.013125
1.78713	75.0488	81.7458	824.082	1234.02	11.0628	5.72469	57.6928	-0.011563
1.78813	74.7756	81.7458	824.881	1256.69	11.1439	5.72858	57.4955	-0.015
1.78913	74.7756	81.1989	831.277	1191.82	11.1725	5.72761	58.4824	-0.012813
1.79013	74.7756	81.8826	815.401	1164.23	11.0828	5.72658	59.1732	-0.011875
1.79113	74.639	81.7458	820.198	1151.8	11.1073	5.72969	59.3706	-0.012813
1.79213	74.639	81.3358	836.189	1117.65	11.1276	5.72761	59.7854	-0.01375
1.79313	74.7756	81.6091	826.388	1119.84	11.1073	5.70719	59.6867	-0.011875
1.79413	74.7756	81.6091	819.858	1183.21	11.0502	5.69375	58.7785	-0.012813
1.79513	74.639	81.3358	843.958	1317.81	11.0094	5.68437	57.6928	-0.012813
1.79613	74.7756	81.6091	867.028	1354.76	10.9728	5.65719	56.6588	-0.012813
1.79713	75.0488	81.6091	837.445	1341.37	10.8827	5.72531	58.1832	-0.010938
1.79813	74.5024	82.1561	815.972	1294.53	10.8645	5.72156	58.2125	-0.010825
1.79913	74.9122	81.8826	829.107	1239.35	10.7608	6.71969	58.8073	-0.013125
1.80013	74.7756	82.1561	827.186	1212.99	10.7241	6.72584	57.8409	-0.012813
1.80113	74.3858	81.6091	813.345	1198.87	10.6915	5.72156	58.3708	-0.011563
1.80213	75.1854	81.8826	816.543	1186.49	10.5733	5.71937	58.8867	-0.013438
1.80313	74.7756	81.8826	820.427	1223.5	10.4918	5.72187	59.8827	-0.013438
1.80413	74.7756	81.7458	812.203	1243.17	10.3532	5.71719	60.1801	-0.011563
1.80513	74.5024	81.6091	802.038	1270.82	10.3491	5.71719	59.7854	-0.012188
1.80613	74.9122	81.7458	814.716	1283.33	10.288	5.71469	59.718	-0.012188
1.80713	75.3221	81.7458	830.021	1292.34	10.3491	5.71408	59.9134	-0.012813
1.80813	74.9122	81.7458	828.993	1292.48	10.4225	5.71219	59.9134	-0.011563
1.80913	74.7756	81.6091	826.823	1280.87	10.4308	5.71344	60.7523	-0.010938
1.81013	74.7756	81.8826	828.422	1288.98	10.6285	5.71469	61.147	-0.014375
1.81113	74.5024	81.6091	826.823	1268.39	10.5203	5.71438	61.8898	-0.014063
1.81213	74.639	81.7458	824.31	1314.06	10.5978	5.71469	62.0848	-0.012813
1.81313	75.0488	81.7458	833.219	1348.48	10.8222	5.71408	61.147	-0.013125
1.81413	74.9122	81.8826	838.018	1360.83	10.6915	5.71719	61.285	-0.012188
1.81513	74.639	81.7458	830.248	1358.58	10.7404	5.71469	61.0483	-0.010313
1.81613	74.7756	81.8826	823.853	1324.71	10.7934	5.71438	61.147	-0.012188
1.81713	74.7756	81.3358	817.343	1289.75	10.7404	5.71408	61.9385	-0.01125
1.81813	74.7756	81.6091	813.117	1256.97	10.7587	5.71684	62.3313	-0.0125
1.81913	74.7756	81.6091	811.289	1223.84	10.773	5.71684	62.8273	-0.012813

1.82013	74.5024	81.8091	811.86	1229.92	10.7404	5.71656	62.9234	-0.012813
1.82113	74.2292	81.7458	816.658	1286.53	10.7241	5.71719	62.1832	-0.012813
1.82213	74.839	81.4724	821.569	1282.1	10.7975	5.71469	62.3313	-0.013125
1.82313	74.7756	81.8826	816.088	1309.14	10.789	5.69031	61.8379	-0.012813
1.82413	74.5024	81.8826	819.856	1314.33	10.7488	5.6725	61.5419	-0.013125
1.82513	75.0488	81.7458	825.224	1315.7	10.7037	5.65844	61.8672	-0.011583
1.82613	74.7756	82.0193	827.28	1318.97	10.8507	5.66781	62.3806	-0.012188
1.82713	74.9122	81.8826	830.708	1311.05	10.8018	5.72719	62.8741	-0.01375
1.82813	74.7756	81.7458	831.392	1299.89	10.5529	5.71281	63.5156	-0.014083
1.82913	74.7756	81.4724	828.079	1300.13	10.4796	5.71438	63.5156	-0.012188
1.83013	74.9122	81.8091	825.795	1350.11	10.4306	5.71344	63.3675	-0.012813
1.83113	75.1854	81.4724	834.019	1374.15	10.4306	5.71219	63.0221	-0.012813
1.83213	75.1854	81.7458	833.678	1388.63	10.3124	5.71062	62.0352	-0.012813
1.83313	74.7756	82.0193	826.368	1381.8	10.2024	5.71094	62.2326	-0.013438
1.83413	74.7756	81.8826	824.539	1348.2	10.2187	5.70844	62.9234	-0.012813
1.83513	74.9122	81.8091	821.34	1315.42	10.0108	5.71219	62.9728	-0.012813
1.83613	74.5024	81.8826	818.088	1280.05	9.75809	5.70937	63.7129	-0.0125
1.83713	75.0488	81.7458	815.401	1246.31	9.81923	5.70313	64.3051	-0.012188
1.83813	74.9122	81.8826	815.401	1280.62	9.85184	5.70887	64.5518	-0.01125
1.83913	74.7756	81.8826	821.569	1287.39	9.74586	5.70719	64.6998	-0.012188
1.84013	74.7756	82.1661	824.424	1313.92	9.8233	5.70719	64.009	-0.011875
1.84113	74.5024	81.8826	819.264	1339.19	9.85184	5.70719	64.1077	-0.012813
1.84213	74.7756	81.7458	825.224	1341.65	9.90483	5.70719	63.861	-0.012188
1.84313	74.839	81.8826	826.823	1339.87	9.86814	5.71094	63.8636	-0.01625
1.84413	75.0488	81.8826	826.193	1342.47	9.97004	5.71219	64.6998	-0.012188
1.84513	74.5024	81.8091	829.793	1334.41	10.0516	5.71291	65.588	-0.012188
1.84613	74.7756	81.4724	830.384	1318.97	10.1209	5.71406	65.7854	-0.012188
1.84713	74.7756	81.8826	826.584	1310.37	10.1331	5.71375	66.4893	-0.012813
1.84813	75.0488	81.8826	823.168	1351.48	10.0393	5.71781	64.7965	-0.013125
1.84913	74.7756	81.8826	830.478	1367.8	10.0823	5.71719	63.8116	-0.013438
1.85013	74.7756	81.7458	829.584	1371.97	10.1635	5.71719	63.1208	-0.011583
1.85113	75.1854	81.8826	822.254	1350.11	10.0882	5.71469	62.43	-0.011875
1.85213	75.0488	81.8091	820.884	1304.09	10.1372	5.70662	61.9365	-0.011583
1.85313	74.839	82.0193	815.858	1261.61	10.1331	5.67719	61.8378	-0.0125
1.85413	74.7756	81.7458	811.061	1238.25	10.0149	5.65856	61.8365	-0.015
1.85513	74.839	81.1989	814.031	1229.1	10.1209	5.63906	63.0714	-0.012188
1.85613	74.9122	81.8826	818.599	1262.16	10.1005	5.66844	63.7129	-0.011583
1.85713	74.7756	82.0193	823.853	1305.86	10.1088	5.73219	64.157	-0.012188
1.85813	74.9122	81.8826	824.424	1259.7	10.1046	5.71469	64.3051	-0.012188
1.85913	74.7756	82.0193	805.35	1232.38	10.1127	5.71584	64.5024	-0.01125
1.86013	74.7756	81.8091	809.482	1217.77	10.0393	5.71219	64.3051	-0.012188
1.86113	74.7756	81.8091	825.224	1187.58	10.0149	5.71219	64.157	-0.013125
1.86213	74.7756	81.8091	819.513	1202.88	9.98227	5.70844	64.2084	-0.013438
1.86313	74.839	81.8091	822.254	1231.02	9.88407	5.70656	63.7823	-0.011875
1.86413	75.0488	81.7458	835.96	1344.38	9.90075	5.70719	63.3182	-0.011583
1.86513	74.7756	81.8091	849.895	1391.77	9.84778	5.70406	62.6787	-0.009063
1.86613	74.9122	81.8091	831.392	1418	9.76216	5.70406	62.1339	-0.013125
1.86713	74.7756	81.8826	821.683	1396.28	9.74894	5.70094	62.4783	-0.012188
1.86813	74.7756	81.8826	829.584	1364.05	9.62765	5.70156	62.2819	-0.0125
1.86913	75.3221	81.8091	826.252	1354.21	9.5013	5.70219	63.1208	-0.01125
1.87013	74.9122	82.4295	819.741	1336.87	9.5178	5.69937	63.4862	-0.012188
1.87113	74.839	81.7458	817.571	1307.77	9.43608	5.70156	64.5024	-0.011583

1.87213	75.3221	81.8828	811.832	1277.45	9.48314	5.70488	85.1833	-0.013438
1.87313	75.0488	81.8828	798.954	1255.33	9.58244	5.70281	85.8841	-0.01125
1.87413	74.7758	81.4724	793.928	1271.17	9.58851	5.70219	88.1802	-0.011583
1.87514	74.7758	81.8828	805.35	1311.05	9.88084	5.70719	85.8841	-0.012813
1.87814	74.7758	81.8828	817.229	1334	9.71733	5.70488	85.3413	-0.0125
1.87714	74.7758	81.7458	814.487	1352.85	9.71325	5.70858	85.2426	-0.012813
1.87814	74.8122	81.7458	814.944	1348.2	9.78882	5.70408	85.8887	-0.011875
1.87914	74.7758	81.8828	816.428	1342.74	9.81923	5.70488	85.3807	-0.013125
1.88014	74.7758	82.0193	816.315	1344.24	9.77847	5.70488	88.0815	-0.011583
1.88114	74.7758	81.8091	819.513	1342.19	9.90075	5.70219	88.4782	-0.013125
1.88214	74.7758	82.2928	821.797	1338.23	9.85889	5.88858	88.9897	-0.012188
1.88314	75.0488	81.8828	822.14	1339.32	9.83553	5.88858	87.0884	-0.010313
1.88414	74.639	81.7458	819.858	1384.28	9.9089	5.85219	88.871	-0.01125
1.88514	74.2292	81.8091	824.31	1408.44	9.8926	5.83031	88.8738	-0.01125
1.88614	74.7758	81.7458	823.987	1420.88	9.88407	5.84408	88.3775	-0.011583
1.88714	74.7758	82.1581	814.944	1415.13	9.87222	5.71438	88.1802	-0.010313
1.88814	74.2292	81.8828	812.68	1382.82	9.85581	5.88344	88.0815	-0.015313
1.88914	74.7758	81.8828	808.548	1348.2	9.84389	5.88844	87.0884	-0.011875
1.89014	74.8122	81.8091	803.979	1312.01	9.84389	5.88808	87.2184	-0.012813
1.89114	75.3221	81.7458	801.01	1274.72	9.81923	5.88888	87.7592	-0.012813
1.89214	74.7758	81.7458	798.954	1281.55	9.7907	5.88584	87.7592	-0.011583
1.89314	74.7758	81.3358	800.781	1321.18	9.74178	5.88719	87.8805	-0.013438
1.89414	75.4887	81.7458	803.088	1338.18	9.75401	5.88719	87.2858	-0.011583
1.89514	74.7758	81.7458	798.04	1381.31	9.64388	5.88719	88.7723	-0.012813
1.89614	74.7758	81.4724	801.581	1364.48	9.64803	5.88344	88.5749	-0.012813
1.89714	74.7758	81.8828	807.083	1380.83	9.60727	5.88584	88.8218	-0.012188
1.89814	74.7758	81.7458	808.005	1385.89	9.52575	5.88408	87.8112	-0.010313
1.89914	74.7758	81.7458	809.233	1358.31	9.45848	5.88158	88.0553	-0.012188
1.90014	74.8122	81.8828	810.147	1349.3	9.4157	5.88375	88.8941	-0.010838
1.90114	74.7758	81.8828	808.548	1348.58	9.38271	5.88344	89.0422	-0.010838
1.90214	74.5024	81.7458	805.578	1385.9	9.28934	5.88858	88.5487	-0.012813
1.90314	75.0488	81.4724	813.459	1420.18	9.25873	5.88219	88.1048	-0.01375
1.90414	74.7758	82.1581	821.34	1433.02	9.19151	5.88438	87.4831	-0.011875
1.90514	75.1854	81.7458	810.378	1432.81	9.07738	5.88488	87.7592	-0.012188
1.90614	74.5024	81.8828	808.091	1400.92	9.02847	5.88844	87.7089	-0.010838
1.90714	74.7758	81.8828	802.951	1367.73	8.93085	5.88344	88.0059	-0.012188
1.90814	74.7758	82.4295	798.889	1331.54	8.77578	5.88875	88.8941	-0.012813
1.90914	74.7758	81.8091	793.471	1295.07	8.7513	5.88808	89.4883	-0.010838
1.91014	74.7758	81.3358	789.816	1290.84	8.7876	5.88888	89.8343	-0.014083
1.91114	75.0488	81.7458	791.758	1332.91	8.88543	5.70187	70.0291	-0.0125
1.91214	74.7758	81.8828	794.271	1347.79	8.89388	5.70488	89.733	-0.0125
1.91314	74.5024	81.7458	788.217	1373.33	8.94895	5.88884	89.0422	-0.013438
1.91414	74.7758	81.7458	788.788	1378.8	8.97856	5.88781	88.9435	-0.012188
1.91514	74.7758	81.8828	794.813	1388.98	8.97856	5.84584	88.8448	-0.011583
1.91614	74.8122	81.3358	793.014	1385.56	9.15075	5.83281	88.8448	-0.011583
1.91714	74.7758	82.0193	794.157	1352.03	9.07331	5.8875	88.9928	-0.010313
1.91814	74.2292	81.8091	798.441	1338.1	9.11407	5.70158	88.8941	-0.012813
1.91914	74.5024	82.0193	794.842	1328.82	9.19887	5.88812	88.45	-0.012813
1.92014	75.0488	81.8828	793.014	1349.7	9.15075	5.88888	87.9588	-0.010825
1.92114	74.7758	81.1989	798.889	1388.31	9.17113	5.88584	87.2184	-0.012813
1.92214	74.3858	81.8828	805.578	1394.91	9.28934	5.88408	88.7723	-0.012188
1.92314	74.2292	81.7458	798.213	1398.48	9.28934	5.88312	85.8841	-0.012188

1.92414	74.5024	81.8828	793.014	1378.52	9.26896	5.89219	66.5258	-0.01125
1.92514	74.3858	81.8828	793.243	1355.3	9.26749	5.88812	66.9697	-0.013125
1.92614	75.3221	81.8828	789.359	1333.18	9.30157	5.89219	68.4994	-0.011875
1.92714	74.7758	81.8828	786.39	1267.35	9.30584	5.88969	68.8448	-0.012813
1.92814	75.1854	81.8091	774.74	1205.88	9.29749	5.88969	69.7823	-0.012813
1.92914	74.839	81.8828	770.171	1222.27	9.28934	5.88969	69.9304	-0.011875
1.93014	74.839	81.8091	783.763	1205.06	9.28119	5.89094	69.2889	-0.012813
1.93114	74.7758	81.3358	777.024	1213.67	9.24858	5.89438	68.5487	-0.009063
1.93214	74.839	81.8828	772.912	1225.82	9.20782	5.88969	67.8605	-0.014063
1.93314	74.7758	81.8091	783.877	1231.97	9.23835	5.89158	68.6736	-0.011563
1.93414	74.7758	81.8091	784.562	1270.82	9.1283	5.88969	68.5258	-0.012188
1.93514	74.5024	81.3358	786.331	1380.13	9.08146	5.89158	68.2789	-0.011563
1.93614	74.7758	81.8828	818.589	1427.42	9.067	5.88844	68.1308	-0.010938
1.93714	75.0488	81.8091	820.655	1391.91	9.01217	5.88781	68.4289	-0.012188
1.93814	74.7758	81.8828	784.905	1382.35	9.00402	5.89125	68.9697	-0.012813
1.93914	74.7758	81.7458	792.558	1378.8	8.88543	5.89094	67.1671	-0.013125
1.94014	74.7758	82.1581	802.723	1382.07	8.78391	5.88969	67.8112	-0.011875
1.94114	74.7758	82.2928	790.844	1410.76	8.78391	5.88844	68.0059	-0.0125
1.94214	75.0488	81.7458	788.103	1395.14	8.735	5.88908	68.6474	-0.010313
1.94314	74.839	81.8091	788.331	1362	8.74315	5.88344	69.1902	-0.014375
1.94414	75.0488	81.8091	771.427	1341.65	8.88989	5.88856	70.2264	-0.012813
1.94514	74.839	81.8091	758.292	1307.5	8.80021	5.84594	70.3251	-0.01375
1.94614	75.0488	81.8091	758.084	1268.38	8.89173	5.82806	70.6186	-0.013125
1.94714	74.5024	82.4295	765.602	1329.08	8.88581	5.83812	70.6212	-0.011875
1.94814	74.7758	81.7458	777.367	1347.93	8.91434	5.88908	70.5225	-0.011875
1.94914	74.839	81.8828	775.882	1363.23	9.01217	5.88489	70.1277	-0.012813
1.95014	74.3858	81.8828	771.427	1376.34	8.96326	5.88969	70.0784	-0.011563
1.95114	74.3858	81.8091	775.425	1376.61	8.94288	5.88887	70.3251	-0.011875
1.95214	74.8122	81.8091	778.186	1380.44	8.9551	5.88594	70.6212	-0.010938
1.95314	74.839	81.8828	779.308	1382.76	8.96326	5.88719	70.9173	-0.009063
1.95414	74.839	81.8828	783.192	1371.97	9.02032	5.88219	71.5587	-0.011875
1.95514	74.7758	82.2928	784.562	1361.86	8.98771	5.88187	72.0522	-0.011875
1.95614	74.7758	81.7458	780.222	1370.88	9.01624	5.87969	72.2989	-0.011563
1.95714	74.8122	81.8091	779.308	1424.69	9.08146	5.88094	71.6081	-0.012813
1.95814	74.839	81.8091	795.527	1437.39	8.91842	5.88219	71.2627	-0.013438
1.95914	74.7758	81.7458	790.045	1451.46	9.02847	5.87908	70.8186	-0.012188
1.96014	75.1854	81.8091	780.222	1432.61	9.06108	5.87781	70.9173	-0.010938
1.96114	74.839	81.7458	777.595	1397.37	8.91842	5.87719	70.9173	-0.012188
1.96214	74.7758	81.7458	769.828	1363.5	8.96733	5.87844	71.4107	-0.01375
1.96314	74.3858	81.8828	784.917	1327.17	8.91434	5.87781	72.0028	-0.012188
1.96414	74.7758	81.8091	762.632	1300.13	8.89396	5.87969	72.5456	-0.011563
1.96514	74.7758	82.2928	761.262	1326.82	8.89396	5.87969	72.4963	-0.013438
1.96614	74.5024	81.8622	765.031	1353.67	8.84097	5.88219	72.6937	-0.011875
1.96714	74.839	81.8828	765.488	1371.42	8.83282	5.88313	72.1015	-0.01125
1.96814	74.839	81.8091	758.977	1389.45	8.77676	5.88594	71.6081	-0.0125
1.96914	74.3858	82.2928	765.145	1388.36	8.76353	5.88937	71.6081	-0.011875
1.97014	74.5024	82.1581	769.488	1391.09	8.71869	5.88313	71.6081	-0.011875
1.97114	74.5024	81.8828	769.6	1393.55	8.70239	5.88437	72.1015	-0.013438
1.97214	74.839	81.7458	772.912	1384.81	8.64125	5.88719	72.9897	-0.012813
1.97314	74.2282	81.7458	771.998	1377.57	8.57603	5.88856	73.5819	-0.014063
1.97414	74.7758	82.1581	769.714	1378.34	8.53119	5.87844	73.4832	-0.012188
1.97514	74.5024	82.4295	768.343	1425.92	8.50268	5.85591	73.2858	-0.012813

1.97814	74.639	81.6091	785.133	1448.32	8.41706	5.63438	72.7824	-0.012813
1.97714	74.7756	82.2928	785.478	1462.52	8.34369	5.61781	72.7824	-0.011563
1.97814	74.5024	82.1561	774.74	1455.28	8.33554	5.61781	72.3976	-0.01125
1.97914	74.5024	81.6091	772.227	1422.78	8.2744	5.69406	72.6937	-0.010938
1.98014	75.0488	81.1989	785.488	1389.72	8.22956	5.68313	73.2858	-0.012813
1.98114	74.5024	81.7458	758.521	1354.62	8.18065	5.68858	73.7289	-0.011563
1.98214	74.5024	82.0193	755.094	1320.75	8.18495	5.68719	74.4207	-0.011875
1.98314	74.7756	81.7458	752.81	1325.8	8.00131	5.68844	74.7861	-0.011563
1.98414	74.5024	81.8091	754.295	1381.59	7.90348	5.68844	74.174	-0.012188
1.98514	74.5024	81.8826	758.008	1382.68	7.91978	5.68489	73.7289	-0.013438
1.98614	75.1854	81.8826	746.185	1389.78	7.88718	5.68887	72.7924	-0.010313
1.98714	73.956	81.8826	746.414	1355.3	7.87087	5.68489	72.1015	-0.012813
1.98814	74.5024	81.8826	749.497	1341.65	7.90348	5.67989	71.7088	-0.012813
1.98914	74.639	81.6091	752.124	1344.92	7.90348	5.67594	71.7561	-0.012188
1.99014	74.5024	81.6091	758.922	1343.42	7.94424	5.67908	71.4107	-0.0125
1.99114	74.7756	81.7458	759.206	1339.87	7.96093	5.67844	71.4107	-0.012188
1.99214	74.7756	81.8826	757.264	1344.11	7.97277	5.67875	71.6574	-0.012188
1.99314	74.5024	82.1561	755.551	1382.89	8.03799	5.67781	71.6574	-0.012813
1.99414	74.639	82.0193	785.602	1430.02	7.99315	5.67889	71.8055	-0.0125
1.99514	74.639	81.8826	777.481	1451.73	7.985	5.68489	72.2002	-0.012813
1.99614	74.639	81.6091	770.97	1418.88	8.01781	5.68219	72.5456	-0.013438
1.99714	75.1854	81.8826	757.835	1339.87	8.00538	5.68219	73.1871	-0.010313
1.99814	74.2292	81.7458	747.327	1309.69	7.99315	5.68158	73.4832	-0.013125
1.99914	74.7756	81.8826	753.723	1252.05	8.03799	5.68719	73.7783	-0.010938
2.00014	74.7756	81.7458	744.129	1224.87	7.9887	5.68584	73.9786	-0.012188
2.00114	74.639	81.8826	735.677	1206.43	7.97885	5.68937	73.3845	-0.012188
2.00214	75.0488	81.8826	740.931	1231.42	7.97685	5.69344	72.595	-0.010313
2.00314	74.639	81.8826	744.358	1284.89	7.9687	5.68687	71.5094	-0.012188
2.00414	74.2292	81.7458	740.931	1380.71	7.985	5.68908	70.5225	-0.011875
2.00514	75.1854	81.6091	788.257	1440.53	7.92794	5.67812	70.0784	-0.014063
2.00614	74.5024	81.8826	781.707	1414.04	7.91978	5.65887	70.0291	-0.012188
2.00714	74.5024	82.0193	750.982	1401.08	7.88272	5.63406	70.6212	-0.010938
2.00814	74.5024	81.8826	754.066	1368.64	7.8868	5.615	71.8055	-0.011875
2.00914	74.639	82.0193	760.805	1352.3	7.85457	5.62781	72.6443	-0.011875
2.01014	74.7756	81.8826	756.922	1365.69	7.7812	5.69844	73.6312	-0.012813
2.01114	74.9122	81.3358	755.094	1388.9	7.74869	5.67969	74.0753	-0.01375
2.01214	74.639	81.8826	781.833	1434.39	7.74451	5.68719	73.8779	-0.012813
2.01314	75.3221	81.7458	784.917	1450.84	7.69152	5.68658	74.0753	-0.011563
2.01415	74.7756	81.7458	749.155	1457.74	7.61	5.68094	73.5819	-0.011875
2.01515	74.7756	81.8826	747.099	1437.8	7.61	5.67812	73.9273	-0.012188
2.01615	74.2292	81.7458	750.64	1411.3	7.49587	5.67719	73.9273	-0.011563
2.01715	74.9122	81.3358	748.241	1383.44	7.45511	5.67687	74.5194	-0.011875
2.01815	75.1854	81.3358	743.901	1342.33	7.37787	5.67594	74.8646	-0.011875
2.01915	74.7756	81.7458	741.388	1318.38	7.32488	5.67531	75.3583	-0.010313
2.02015	74.639	81.8826	737.276	1348.75	7.25131	5.67094	75.1609	-0.014888
2.02115	73.956	81.6091	742.758	1373.61	7.2024	5.67406	75.5557	-0.014063
2.02215	74.2292	81.6091	743.101	1396.96	7.1005	5.67188	75.9011	-0.011563
2.02315	74.7756	81.6091	740.017	1411.58	7.05586	5.67219	75.1118	-0.012813
2.02415	74.639	81.6091	748.127	1407.75	7.02305	5.67844	75.3583	-0.011875
2.02515	74.5024	81.7458	750.068	1406.03	7.08827	5.67489	75.3089	-0.0125
2.02615	74.639	81.1989	749.612	1406.68	7.1005	5.67489	75.7037	-0.013438
2.02715	74.7756	81.7458	751.439	1397.37	7.00287	5.67281	76.3452	-0.014375

2.02815	74.7758	81.3358	752.353	1391.84	7.12903	5.87858	78.5919	-0.011563
2.02915	74.5024	81.8091	750.297	1398.96	7.12495	5.87858	78.5428	-0.014063
2.03015	74.5024	81.1989	750.754	1447.91	6.96599	5.87989	76.0491	-0.01125
2.03115	75.1854	81.7458	765.031	1463.75	7.18809	5.87825	76.457	-0.01375
2.03215	74.5024	82.0193	764.917	1477.14	7.13718	5.88094	74.8155	-0.012188
2.03315	74.5024	81.8828	759.549	1480.81	7.03528	5.87908	74.8848	-0.012813
2.03415	75.0488	81.8828	760.12	1425.23	7.22685	5.87989	75.1609	-0.011563
2.03515	74.3858	81.7458	757.378	1391.84	7.05588	5.88219	75.9504	-0.012188
2.03615	74.7758	81.3358	754.837	1354.62	7.14941	5.87219	76.4439	-0.012813
2.03715	74.7758	81.8091	751.782	1324.18	7.25539	5.84989	77.1347	-0.011563
2.03815	74.5024	81.8091	748.489	1340.55	7.09842	5.82989	76.9373	-0.012188
2.03915	75.3221	82.0193	750.868	1378.2	7.21055	5.81531	76.7399	-0.012188
2.04015	74.5024	81.3358	752.239	1390.82	7.22278	5.82781	75.9504	-0.012188
2.04115	74.7758	81.3358	748.87	1408.85	7.12903	5.89094	75.5063	-0.011875
2.04215	74.5024	81.8828	751.098	1408.11	7.18979	5.88989	74.5888	-0.013125
2.04315	74.5024	81.8091	756.008	1408.18	7.18979	5.87781	75.3583	-0.014063
2.04415	74.5024	81.7458	757.378	1411.03	7.18979	5.87489	76.4439	-0.012188
2.04515	74.3858	81.8828	760.891	1402.02	7.20847	5.87188	76.888	-0.015313
2.04615	74.5024	82.0193	763.318	1395.46	7.16184	5.87489	77.6281	-0.012813
2.04715	74.3858	82.4295	763.775	1391.81	7.17387	5.88837	77.7288	-0.012188
2.04815	74.839	81.7458	761.804	1428.24	7.20847	5.87158	77.3814	-0.012188
2.04915	74.5024	82.0193	768.8	1461.16	7.16184	5.87219	76.3945	-0.010938
2.05015	74.5024	81.8828	776.224	1471.67	7.1005	5.87344	76.9504	-0.011563
2.05115	75.1854	81.3358	772.884	1471.13	7.13718	5.87219	75.753	-0.013125
2.05215	74.5024	81.4724	772.884	1441.08	7.18809	5.88989	76.0884	-0.011875
2.05315	74.839	82.0193	771.085	1408.88	7.07198	5.86719	75.7037	-0.014888
2.05415	74.5024	81.8091	767.43	1385.14	7.11272	5.87344	76.6412	-0.012813
2.05515	74.7758	82.1561	761.49	1321.18	7.11272	5.87281	77.4308	-0.010938
2.05615	74.839	81.8828	755.779	1300.67	7.08642	5.87489	76.4932	-0.012813
2.05715	74.2292	81.8091	752.581	1391.54	7.12495	5.87489	75.9504	-0.011875
2.05815	74.839	81.8091	767.721	1339.87	7.08827	5.87438	74.5888	-0.011563
2.05915	75.0488	81.8091	753.723	1358.31	7.17794	5.87844	73.4632	-0.0125
2.06015	74.0926	81.8828	752.81	1355.85	7.18571	5.87582	72.891	-0.01125
2.06115	74.5024	81.8091	755.894	1353.12	7.03938	5.87489	72.891	-0.012813
2.06215	74.9122	81.1989	758.292	1371.42	7.03938	5.87719	73.3352	-0.013438
2.06315	74.839	81.8828	763.318	1388.08	7.07198	5.87989	74.3714	-0.012813
2.06415	74.839	81.7458	770.97	1397.37	6.93338	5.87937	75.0822	-0.012813
2.06515	75.0488	81.8828	774.968	1377.98	7.02305	5.88281	76.2485	-0.012188
2.06615	74.3858	81.8828	769.714	1319.79	7.00675	5.88531	76.6412	-0.0125
2.06715	74.5024	81.8091	758.749	1344.51	6.98229	5.88489	75.6544	-0.012188
2.06815	75.0488	82.0193	771.998	1322.25	6.97414	5.88219	75.2103	-0.011563
2.06915	74.5024	82.0193	769.257	1313.1	6.91707	5.83937	74.5888	-0.011875
2.07015	74.5024	81.7458	760.819	1293.57	6.77441	5.82219	73.6808	-0.011563
2.07115	74.839	81.8091	763.775	1266.25	6.52577	5.82989	73.2385	-0.011875
2.07215	74.5024	82.0193	762.404	1265.43	6.58507	5.83444	73.0884	-0.012188
2.07315	74.7758	82.0193	757.378	1329.22	6.44017	5.88187	72.743	-0.011875
2.07415	74.839	81.8091	771.998	1369.85	6.50947	5.88437	72.595	-0.0125
2.07515	74.839	81.8091	779.651	1373.08	6.51354	5.87489	72.0028	-0.014375
2.07615	74.7758	81.7458	768.8	1367.87	6.32197	5.87858	72.3483	-0.014063
2.07715	74.2292	81.7458	769.942	1337.28	6.27308	5.87825	72.8417	-0.01125
2.07815	74.7758	81.7458	771.658	1332.36	6.33012	5.87594	72.891	-0.012813
2.07915	74.5024	81.7458	773.141	1348.57	6.28121	5.87781	73.2385	-0.014063

2.08015	74.7758	81.6091	775.539	1370.06	6.33827	5.67125	74.174	-0.0125
2.08115	74.5024	81.6091	778.052	1388.63	6.32187	5.67219	75.2103	-0.012813
2.08215	74.5024	82.0193	775.853	1399.97	6.28888	5.66889	78.0491	-0.012188
2.08315	74.3658	81.6091	770.399	1396.14	6.19153	5.66969	78.1478	-0.012813
2.08415	74.7758	81.6091	788.914	1393.82	6.21588	5.66844	78.1478	-0.011875
2.08515	74.3658	82.1581	772.589	1441.35	6.15485	5.67219	75.8517	-0.011563
2.08615	73.956	81.7458	785.019	1454.19	6.13447	5.67158	74.9635	-0.013125
2.08715	73.956	81.8826	785.704	1484.02	6.14262	5.67082	74.8675	-0.013438
2.08815	75.0488	81.7458	782.392	1455.28	6.12632	5.67344	75.1118	-0.012188
2.08915	74.839	81.6091	781.821	1428.87	6.10584	5.67312	75.1609	-0.012813
2.09015	74.7758	81.4724	778.395	1398.48	6.0611	5.67082	75.763	-0.01125
2.09115	74.839	82.1581	776.587	1387.6	6.0448	5.67312	78.4932	-0.012813
2.09215	74.5024	81.8826	776.795	1334.27	6.02849	5.67582	76.9373	-0.011563
2.09315	74.3658	81.6091	775.198	1346.43	6.00404	5.67719	78.8388	-0.011563
2.09415	74.3658	81.6091	776.224	1380.44	5.94897	5.6775	78.2485	-0.01375
2.09515	74.5024	82.1581	778.188	1385.19	5.93067	5.67781	75.6544	-0.010625
2.09615	74.5024	82.4295	772.912	1414.04	5.89881	5.67969	74.9142	-0.012188
2.09715	74.7758	82.1581	776.339	1413.49	5.84098	5.67858	74.4701	-0.0125
2.09815	74.839	81.8826	778.28	1412.12	5.81654	5.68408	75.1609	-0.015313
2.09915	74.839	82.2928	780.907	1415.4	5.84507	5.63889	78.0984	-0.012813
2.10015	74.5024	81.8826	784.334	1406.11	5.7717	5.62187	78.2485	-0.012188
2.10115	74.3658	81.7458	787.532	1398.46	5.78762	5.60808	78.8388	-0.0125
2.10215	74.839	81.6091	787.875	1396.01	5.76847	5.62489	78.3452	-0.011563
2.10315	75.0488	81.6091	788.818	1433.98	5.68833	5.68837	78.2958	-0.012813
2.10415	74.0928	82.4295	791.988	1466.89	5.6881	5.67344	75.5557	-0.011563
2.10515	75.1854	82.0193	798.04	1480.14	5.83719	5.67594	74.7661	-0.012813
2.10615	74.5024	82.1581	795.766	1477.96	5.83911	5.67219	74.5688	-0.011563
2.10715	75.0488	81.7458	794.842	1444.9	5.57187	5.67312	74.5194	-0.010938
2.10815	74.5024	81.8826	793.928	1413.49	5.80458	5.66844	75.0622	-0.007813
2.10915	74.5024	81.8826	787.875	1376.25	5.55587	5.68808	75.753	-0.014063
2.11015	74.7758	81.3356	785.362	1343.56	5.53837	5.68719	78.6908	-0.011875
2.11115	74.839	81.7458	782.049	1337.28	5.51899	5.68808	77.1347	-0.011563
2.11215	74.5024	81.6091	782.506	1379.21	5.46192	5.67125	78.5428	-0.012188
2.11315	74.839	82.0193	788.217	1364.64	5.40883	5.68489	78.1478	-0.011563
2.11415	74.3658	81.7458	785.704	1417.86	5.38448	5.68531	75.2596	-0.012813
2.11515	74.5024	81.7458	786.933	1421.41	5.42931	5.68594	75.1609	-0.011563
2.11615	74.0928	81.7458	788.446	1418.54	5.34779	5.68563	75.0129	-0.011875
2.11715	74.7758	81.8826	790.273	1425.23	5.31111	5.68531	75.5557	-0.010313
2.11815	73.956	81.8826	792.788	1417.59	5.30703	5.68781	78.5428	-0.013438
2.11915	74.839	81.7458	798.689	1408.94	5.26219	5.67082	77.2827	-0.010313
2.12015	74.7758	81.7458	797.012	1405.29	5.23774	5.67094	77.2334	-0.015313
2.12115	74.7758	81.8826	796.555	1419.91	5.21328	5.67094	77.8749	-0.014375
2.12215	73.956	81.8826	798.383	1466.94	5.16029	5.67406	78.6412	-0.011875
2.12315	74.3658	82.0193	806.492	1474.88	5.16029	5.67469	75.5557	-0.012188
2.12415	74.7758	81.6091	803.622	1471.13	5.17252	5.67531	74.6675	-0.013125
2.12515	74.839	81.8826	800.21	1431.11	5.08247	5.67281	74.1247	-0.012813
2.12615	74.2292	81.8826	799.296	1388.63	5.08285	5.67489	73.7793	-0.014375
2.12715	74.839	81.3356	793.243	1354.78	5.08854	5.67562	73.6806	-0.012188
2.12815	74.7758	81.6091	789.816	1321.84	5.0054	5.67489	74.174	-0.011563
2.12915	74.2292	81.7458	787.304	1294.39	5.00133	5.67031	73.7793	-0.013125
2.13015	75.0488	81.6091	784.582	1319.25	4.99317	5.64489	73.6806	-0.008063
2.13115	74.839	81.6091	788.448	1347.93	4.9035	5.62437	73.3845	-0.011563

2.13215	74.3658	81.7458	791.53	1375.52	4.94426	5.80489	73.7793	-0.01125
2.13315	75.0488	81.8828	789.359	1405.84	4.89127	5.81584	73.5325	-0.010313
2.13415	74.9122	81.8828	796.098	1399.58	4.87497	5.89031	73.9788	-0.011563
2.13515	74.7756	81.8828	796.889	1340.55	4.89942	5.87912	75.0622	-0.011563
2.13615	74.639	81.8828	787.304	1335.09	4.84844	5.87468	75.457	-0.012813
2.13715	74.2292	81.8828	797.812	1300.13	4.8872	5.87219	75.753	-0.011875
2.13815	74.7756	81.8091	801.487	1288.8	4.95241	5.87944	75.457	-0.011563
2.13915	74.2292	81.8091	791.888	1289.81	4.87904	5.87158	74.5194	-0.012813
2.14015	74.839	81.7458	794.842	1329.08	4.91573	5.87158	73.2858	-0.011875
2.14115	74.839	81.8091	803.522	1380.9	4.9035	5.86812	72.2988	-0.010313
2.14215	74.7756	81.3358	801.238	1448	4.83013	5.86887	70.9173	-0.013125
2.14315	74.5024	82.1561	814.031	1509.23	4.85459	5.86489	70.4238	-0.0125
2.14415	74.7756	81.7458	827.28	1454.05	4.85051	5.86437	70.5225	-0.010938
2.14515	74.5024	81.7458	800.21	1428.24	4.78937	5.86281	70.9888	-0.0125
2.14615	74.7756	82.1561	795.299	1389.51	4.81383	5.86084	71.7068	-0.012188
2.14715	74.3658	81.8828	802.152	1323.82	4.78122	5.86084	72.595	-0.012188
2.14815	74.2292	81.8828	782.329	1336.84	4.70785	5.86719	73.2858	-0.012813
2.14915	74.3658	82.2928	793.7	1370.08	4.718	5.86858	73.2858	-0.011875
2.15015	74.7756	81.8828	802.38	1383.58	4.6997	5.86844	73.2858	-0.010938
2.15115	74.2292	81.8828	794.042	1412.28	4.67524	5.86937	72.8837	-0.0125
2.15215	74.5024	81.7458	788.448	1418.77	4.85078	5.86844	72.4983	-0.010313
2.15315	74.5024	81.8828	793.014	1413.49	4.86709	5.86969	72.595	-0.013438
2.15415	74.3658	81.8091	801.238	1419.23	4.56111	5.86718	73.3845	-0.012813
2.15515	74.639	81.7458	808.949	1411.85	4.55703	5.87156	73.7793	-0.013125
2.15615	74.639	81.8828	808.949	1399.42	4.54481	5.87218	74.3714	-0.014375
2.15715	74.5024	81.8828	808.548	1395.48	4.49589	5.87719	74.4701	-0.012813
2.15815	74.5024	82.4295	805.578	1428.19	4.5122	5.87408	74.174	-0.012188
2.15915	74.5024	81.8828	807.406	1468.12	4.44898	5.87594	73.5325	-0.012188
2.16015	74.5024	81.8828	814.031	1484.51	4.43883	5.87489	72.7924	-0.01125
2.16115	74.5024	81.8091	809.919	1490.68	4.4103	5.85489	72.2002	-0.012813
2.16215	74.5024	81.8828	810.832	1456.92	4.37361	5.83188	72.1509	-0.0125
2.16315	74.2292	81.8828	808.091	1422.37	4.38584	5.81188	72.6937	-0.009688
2.16415	74.5024	81.8091	801.238	1388.99	4.38138	5.81312	73.1871	-0.012813
2.16515	74.5024	82.1561	787.583	1350.39	4.35731	5.87989	73.8273	-0.01125
2.16615	74.2292	81.8091	798.088	1333.59	4.32878	5.87408	73.7793	-0.011563
2.16715	74.2292	81.8091	785.984	1371.89	4.31855	5.87719	73.5325	-0.013125
2.16815	74.5024	82.0193	802.152	1388.83	4.28394	5.87594	72.7924	-0.011563
2.16915	74.3658	81.8091	802.38	1411.3	4.26783	5.87094	71.9535	-0.011875
2.17015	74.2292	82.1561	803.068	1420.04	4.30024	5.86844	71.1148	-0.01125
2.17115	74.7756	81.8828	806.149	1414.04	4.21485	5.86858	70.9173	-0.012813
2.17215	74.5024	81.7458	807.834	1415.95	4.19427	5.86594	71.018	-0.012188
2.17315	74.2292	81.4724	811.876	1411.58	4.18188	5.86594	71.2133	-0.012813
2.17415	74.3658	82.2928	817	1402.29	4.1372	5.86583	72.0028	-0.009375
2.17515	74.7756	81.3358	815.83	1396.83	4.12905	5.86489	72.2002	-0.012813
2.17615	74.3658	81.8828	813.231	1405.29	4.10459	5.86219	72.2002	-0.011563
2.17715	74.2292	81.8828	812.774	1459.11	4.07198	5.86489	71.6081	-0.012188
2.17815	74.3658	81.8091	818.142	1478.32	4.04345	5.86489	70.7892	-0.012813
2.17915	74.5024	82.0193	814.373	1481.07	4.07198	5.86658	70.4238	-0.014888
2.18015	74.5024	81.8828	810.376	1488.39	4.02307	5.86489	69.733	-0.012188
2.18115	74.2292	81.8828	809.348	1431.93	4.01492	5.86489	69.7823	-0.012813
2.18215	74.639	81.7458	806.721	1388.48	3.97008	5.86844	70.4238	-0.012188
2.18315	74.5024	81.0822	803.068	1382.95	3.93747	5.86889	71.018	-0.012813

2.16416	74.0826	81.7458	801.238	1332.36	3.90894	5.68989	71.4107	-0.011875
2.16516	75.1854	81.0822	799.411	1350.39	3.88003	5.68844	71.4107	-0.011875
2.16616	73.8828	81.8828	803.18	1361.94	3.84372	5.67281	70.8679	-0.014063
2.16716	74.3658	81.7458	806.264	1399.28	3.81927	5.67084	70.8679	-0.012813
2.16816	74.2292	81.8828	804.55	1418.54	3.79074	5.67489	69.881	-0.013125
2.16916	74.5024	81.7458	808.682	1414.58	3.77851	5.67594	69.4863	-0.011583
2.17016	74.5024	81.8091	811.748	1413.76	3.78868	5.67989	69.586	-0.013125
2.17116	74.3658	82.4295	814.031	1414.31	3.7458	5.67408	70.0291	-0.012813
2.17216	74.5024	81.7458	818.257	1399.28	3.75813	5.65594	70.0291	-0.011875
2.17316	74.3658	81.8091	818.371	1389.18	3.68845	5.63489	70.3251	-0.012188
2.17416	74.5024	81.8828	817.457	1381.53	3.6803	5.61719	70.0784	-0.014063
2.17516	74.5024	81.8828	816.088	1418.9	3.644	5.61858	69.4369	-0.011875
2.17616	74.5024	81.7458	820.427	1443.26	3.62789	5.68281	68.6474	-0.010313
2.17716	74.5024	81.8828	819.856	1443.81	3.61547	5.67489	67.3151	-0.013438
2.17816	74.7758	81.8828	814.259	1425.23	3.59101	5.67687	66.6738	-0.012813
2.17916	74.7758	81.8828	813.345	1378.25	3.62362	5.67489	66.2789	-0.01125
2.20016	74.5024	81.7458	810.147	1339.73	3.56655	5.67031	65.8334	-0.012188
2.20116	74.5024	82.0193	803.066	1307.77	3.55025	5.67584	65.4893	-0.012813
2.20216	74.639	81.7458	801.895	1273.36	3.5421	5.67344	65.4893	-0.012188
2.20316	74.2282	82.0193	799.296	1281.06	3.41168	5.67219	65.4893	-0.01125
2.20416	74.2282	82.0193	798.84	1264.75	3.38229	5.67219	65.0946	-0.012188
2.20516	74.5024	81.8828	802.723	1253.55	3.34237	5.67219	64.2064	-0.012188
2.20616	73.956	81.8828	800.324	1271.72	3.30588	5.68989	63.7823	-0.012813
2.20716	74.9122	81.8828	806.949	1255.05	3.28123	5.68858	63.3675	-0.010625
2.20816	74.3658	81.8828	806.492	1265.71	3.22824	5.68469	63.3182	-0.013125
2.20916	74.639	81.8828	808.776	1281.41	3.20378	5.68408	63.4169	-0.011583
2.21016	74.5024	82.0193	816.429	1296.3	3.20788	5.68812	63.4169	-0.011875
2.21116	74.5024	81.1989	817.885	1311.74	3.19871	5.68989	63.4169	-0.012813
2.21216	74.5024	81.4724	817.229	1302.86	3.14284	5.67158	63.8636	-0.011875
2.21316	74.3658	82.1661	814.487	1308.05	3.07335	5.66937	63.3182	-0.013125
2.21416	74.5024	81.8828	814.259	1340.83	3.07335	5.67094	63.2195	-0.012813
2.21516	73.8828	82.0193	817	1342.47	3.02036	5.67344	62.726	-0.011583
2.21616	73.956	81.8828	812.68	1340.83	2.88993	5.67281	62.0846	-0.012188
2.21716	74.5024	81.8091	810.804	1312.88	2.86547	5.67082	62.0352	-0.012188
2.21816	74.2292	81.7458	810.378	1341.51	2.84509	5.66844	62.2326	-0.011583
2.21916	74.639	81.8091	813.459	1367.9	2.80841	5.66719	62.43	-0.012188
2.22016	74.7758	81.8828	811.289	1330.17	2.80433	5.66989	63.3182	-0.01125
2.22116	74.5024	81.8828	803.066	1317.61	2.7821	5.67281	63.9103	-0.012188
2.22216	74.5024	82.1561	808.205	1318.24	2.72281	5.68908	64.009	-0.013125
2.22316	74.2292	81.7458	812.774	1322.93	2.70243	5.64869	64.2557	-0.011875
2.22416	74.2292	81.8091	810.832	1340.83	2.68982	5.62687	64.5024	-0.012188
2.22516	74.5024	81.8828	813.345	1352.57	2.6046	5.60875	64.2064	-0.012813
2.22616	74.7758	81.8828	817	1357.49	2.61275	5.60158	63.9597	-0.014668
2.22716	74.5024	82.1561	815.401	1373.61	2.63721	5.67406	64.1077	-0.012188
2.22816	74.5024	81.7458	814.83	1371.42	2.63313	5.67658	63.8116	-0.012813
2.22916	74.5024	81.3358	817.8	1359.85	2.6046	5.67531	63.6849	-0.009888
2.23016	74.5024	81.7458	820.188	1348.61	2.53939	5.67781	63.1208	-0.013438
2.23116	74.7758	82.2828	818.267	1330.72	2.56384	5.67719	62.9728	-0.013438
2.23216	74.639	81.1989	814.844	1321.88	2.5683	5.68469	62.7754	-0.01375
2.23316	74.639	81.8091	814.487	1338.37	2.65977	5.70868	61.8405	-0.014063
2.23416	74.2292	82.4295	814.487	1326.83	2.56384	5.70584	60.9496	-0.010625
2.23516	74.3658	82.4295	810.378	1308.05	2.53123	5.70584	60.1801	-0.011583

2.23616	74.3658	81.8826	806.378	1285.37	2.53531	5.70856	59.7854	-0.012813
2.23716	74.5024	81.1989	806.091	1256.89	2.52308	5.70531	59.0745	-0.011875
2.23816	74.9122	81.6091	806.949	1243.58	2.48862	5.70594	58.7291	-0.012188
2.23916	74.2282	81.6091	803.294	1232.38	2.49047	5.70594	58.3344	-0.012813
2.24016	74.7756	82.1561	803.522	1232.93	2.47009	5.70531	58.2367	-0.009888
2.24116	74.7756	81.7458	806.035	1253.69	2.40468	5.70406	57.3475	-0.014063
2.24216	74.5024	81.8826	809.482	1282.7	2.45786	5.70406	57.1007	-0.014375
2.24316	74.5024	81.6091	809.119	1270.62	2.48232	5.70594	57.0021	-0.012813
2.24416	74.639	81.7458	811.748	1261.47	2.46194	5.70906	56.3606	-0.013438
2.24516	74.0926	81.7458	814.031	1258.6	2.42526	5.71488	56.3112	-0.012188
2.24616	74.5024	81.8826	814.944	1261.88	2.38411	5.71156	56.3112	-0.011875
2.24716	74.7756	81.8826	816.543	1267.35	2.4171	5.71594	56.4099	-0.013125
2.24816	74.7756	81.7458	819.056	1268.71	2.31928	5.71582	57.0021	-0.012813
2.24916	74.5024	81.8826	819.056	1265.71	2.34373	5.71988	57.1994	-0.013438
2.25016	73.956	81.8826	816.772	1256.42	2.30297	5.71988	57.1994	-0.011563
2.25116	74.639	81.8826	813.802	1267.07	2.29482	5.72219	57.1007	-0.0125
2.25216	74.3658	81.6091	816.772	1293.57	2.23776	5.72219	56.4099	-0.012813
2.25316	74.639	81.6091	819.284	1306.95	2.25814	5.71988	56.2125	-0.013125
2.25416	74.639	82.1561	817.114	1310.64	2.27444	5.69781	56.2819	-0.01125
2.25516	74.7756	81.4724	816.315	1298.3	2.18477	5.67856	55.8671	-0.013438
2.25616	74.5024	81.8826	818.201	1289.81	2.18439	5.65844	56.1138	-0.011875
2.25716	74.7756	81.8826	815.744	1295.65	2.13178	5.65219	56.2819	-0.012188
2.25816	74.7756	81.8826	815.401	1280.46	2.10325	5.72906	56.4099	-0.014063
2.25916	74.7756	81.6091	818.086	1275.54	2.08287	5.72156	56.558	-0.014063
2.26016	74.5024	81.8826	816.315	1267.07	2.09917	5.71988	56.708	-0.013438
2.26116	74.639	82.0193	814.145	1255.33	2.05433	5.72156	56.7553	-0.012813
2.26216	74.3658	81.6091	812.203	1282.7	1.98319	5.71988	56.3606	-0.011875
2.26316	74.2282	81.3358	814.487	1272.13	1.93813	5.71582	55.3737	-0.014063
2.26416	74.5024	81.8826	815.744	1281.28	1.97889	5.71825	55.2256	-0.014063
2.26516	74.639	82.1561	815.744	1281.41	1.9402	5.7175	55.423	-0.012188
2.26616	74.9122	81.8826	815.63	1277.73	1.8076	5.71668	55.127	-0.01125
2.26716	74.5024	81.4724	816.086	1281	1.86314	5.71644	54.9296	-0.010625
2.26816	74.3658	81.3358	816.201	1284.89	1.85461	5.71344	55.127	-0.010938
2.26916	74.639	81.8826	815.972	1291.38	1.81385	5.71344	55.2256	-0.009063
2.27016	74.5024	81.1989	816.772	1286.57	1.77309	5.71281	55.127	-0.013125
2.27116	74.7756	82.4295	817	1285.76	1.75678	5.71312	55.8204	-0.013125
2.27216	75.0488	81.8826	815.401	1291.93	1.72417	5.71219	55.5217	-0.013438
2.27316	74.9122	81.8826	814.487	1284.83	1.70787	5.71582	55.0283	-0.01375
2.27416	75.0488	81.8826	814.031	1278.14	1.62635	5.71344	54.4855	-0.014375
2.27516	74.639	81.6091	814.373	1274.31	1.62227	5.71406	54.2881	-0.012813
2.27616	74.7756	81.8826	814.716	1280.18	1.58966	5.71812	54.4361	-0.0125
2.27716	74.5024	82.1561	814.944	1305.32	1.55705	5.71988	54.0907	-0.011563
2.27816	74.7756	81.8826	816.772	1313.85	1.51629	5.72344	53.844	-0.013125
2.27916	74.7756	81.8826	816.315	1321.98	1.47961	5.71875	53.7946	-0.013438
2.28016	74.7756	81.6091	816.543	1315.42	1.47961	5.72469	53.7453	-0.013438
2.28116	74.7756	81.8826	815.858	1313.24	1.38178	5.72469	53.5479	-0.013438
2.28216	74.5024	81.8826	817	1312.89	1.3614	5.72469	53.7946	-0.011875
2.28316	74.7756	81.4724	817.914	1312.55	1.34102	5.72656	53.7453	-0.01125
2.28416	74.7756	81.8826	817.914	1312.42	1.26765	5.72594	53.9427	-0.011583
2.28516	74.639	81.8826	818.599	1310.78	1.22889	5.70313	53.3999	-0.012188
2.28616	74.639	81.8826	817.8	1309.89	1.26358	5.68156	53.844	-0.014688
2.28716	74.5024	81.8826	818.028	1306.85	1.19429	5.68406	54.2881	-0.011583

2.28616	74.639	81.8826	818.142	1302.31	1.19429	5.88989	53.3999	-0.0125
2.28916	74.639	81.7458	818.599	1287.8	1.1576	5.73937	53.4492	-0.012813
2.29016	74.5024	81.8091	819.513	1282.48	1.12499	5.72344	53.1532	-0.012813
2.29116	74.7758	81.8826	819.284	1281.93	1.12907	5.72719	52.8571	-0.012813
2.29217	74.5024	81.8091	819.856	1286.98	1.08891	5.72594	52.7584	-0.01125
2.29317	75.0488	81.8826	819.827	1288.17	1.06385	5.72437	52.7584	-0.011563
2.29417	75.0488	81.8826	818.599	1289.03	1.03124	5.71969	52.6597	-0.012188
2.29517	74.7758	81.8091	818.257	1284.94	1.00271	5.71969	52.4823	-0.011875
2.29617	74.639	82.1581	818.599	1294.86	0.933418	5.71781	51.6728	-0.015313
2.29717	74.5024	81.8826	818.599	1300.13	0.853798	5.71812	52.285	-0.013438
2.29817	74.5024	81.3358	819.284	1307.5	0.825288	5.71888	52.7091	-0.014063
2.29917	74.7758	81.7458	818.599	1312.14	0.833418	5.71719	52.285	-0.012813
2.30017	74.7758	82.4295	818.599	1313.78	0.808961	5.71812	52.413	-0.01125
2.30117	74.639	81.7458	818.599	1310.78	0.808961	5.71856	52.6597	-0.013125
2.30217	74.5024	81.8091	817.914	1308	0.804886	5.72094	52.6597	-0.010838
2.30317	74.639	82.1581	818.142	1303.27	0.843744	5.71989	52.1189	-0.012813
2.30417	74.7758	81.8826	817.914	1301.9	0.819288	5.71969	52.4623	-0.012188
2.30517	74.7758	82.1581	818.486	1304.36	0.778527	5.71969	52.4623	-0.012188
2.30617	74.2292	81.7458	819.284	1304.5	0.778527	5.72219	52.1863	-0.0125
2.30717	74.639	81.4724	818.142	1304.5	0.733891	5.72125	51.8208	-0.01375
2.30817	74.7758	82.1581	818.599	1305.04	0.745919	5.72437	51.6728	-0.013438
2.30917	74.839	81.8091	818.599	1302.86	0.705158	5.72375	51.8702	-0.014063
2.31017	74.7758	81.8826	818.599	1300.95	0.705158	5.72858	51.2781	-0.01375
2.31117	74.7758	82.0193	819.97	1300.13	0.67255	5.73031	51.0313	-0.012813
2.31217	74.7758	82.0193	820.084	1299.85	0.65217	5.72989	51.0807	-0.012813
2.31317	75.1854	81.8826	820.313	1299.58	0.639941	5.72781	50.8833	-0.012188
2.31417	75.0488	81.8091	820.313	1300.13	0.627713	5.73084	50.8833	-0.012813
2.31517	75.3221	81.3358	819.741	1299.31	0.582877	5.72531	50.4886	-0.013438
2.31617	74.7758	81.7458	819.284	1300.13	0.589181	5.70313	50.2912	-0.012813
2.31717	74.3658	81.8826	819.389	1299.03	0.548192	5.68531	50.0938	-0.011563
2.31817	75.0488	81.8826	819.856	1308.59	0.458519	5.66469	49.8471	-0.011563
2.31917	74.7758	82.2928	819.97	1316.24	0.497278	5.68375	49.7484	-0.012813
2.32017	74.7758	81.8826	820.198	1319.25	0.505431	5.73989	49.8964	-0.013438
2.32117	74.5024	81.4724	819.513	1316.52	0.485051	5.72594	49.699	-0.013125
2.32217	74.7758	82.2928	819.741	1312.42	0.485051	5.73187	49.699	-0.012813
2.32317	74.7758	82.0193	820.084	1311.05	0.452443	5.72489	49.6497	-0.011875
2.32417	74.5024	81.0622	820.655	1312.55	0.448367	5.72719	49.7977	-0.012188
2.32517	75.0488	81.8826	820.884	1314.6	0.419834	5.72594	49.6003	-0.010838
2.32617	74.5024	82.0193	821.34	1315.97	0.395378	5.72887	49.403	-0.012188
2.32717	75.0488	81.7458	820.427	1317.33	0.370921	5.72469	49.3538	-0.013125
2.32817	74.7758	81.8091	821.112	1316.24	0.374997	5.72469	49.2056	-0.011875
2.32917	74.639	81.8091	822.026	1319.1	0.358683	5.72281	48.8108	-0.011563
2.33017	74.639	82.0193	820.884	1310.92	0.338313	5.72094	48.5148	-0.012813
2.33117	74.7758	82.0193	821.226	1310.37	0.338313	5.71989	48.8108	-0.011563
2.33217	75.0488	82.0193	821.797	1310.51	0.317933	5.72094	48.4181	-0.011875
2.33317	75.1854	81.7458	821.911	1311.8	0.301828	5.72344	48.12	-0.013125
2.33417	74.639	82.0193	821.797	1310.92	0.2894	5.72344	47.972	-0.010625
2.33517	74.7758	82.1581	822.14	1310.92	0.273086	5.72563	47.7253	-0.012188
2.33617	74.7758	81.8826	822.254	1309.82	0.24864	5.72594	47.8239	-0.011563
2.33717	74.3658	81.7458	822.825	1307.91	0.203803	5.72594	47.4785	-0.013125
2.33817	74.639	81.8826	821.599	1307.84	0.175271	5.7225	47.3798	-0.013438
2.33917	74.7758	81.8826	822.026	1304.5	0.158986	5.72469	47.4785	-0.012813

2.34017	74.7758	82.2828	822.711	1303.88	0.13451	5.72489	47.4292	-0.010625
2.34117	74.639	81.8826	820.998	1302.04	0.097825	5.72594	47.1331	-0.014888
2.34217	74.5024	81.7458	822.14	1301.22	0.093749	5.72625	47.8268	-0.012188
2.34317	74.9122	81.6091	821.797	1301.22	0.093749	5.72844	48.7384	-0.013125
2.34417	74.639	82.4265	821.797	1298.76	0.052989	5.73094	46.9357	-0.013438
2.34517	74.639	82.2828	821.112	1297.87	0.02038	5.72594	48.9357	-0.012188
2.34617	74.7758	81.3356	821.112	1296.85	-0.004076	5.70594	48.889	-0.013125
2.34717	75.0488	81.7458	820.655	1295.21	0.02038	5.68489	48.884	-0.014375
2.34817	74.639	81.8826	819.741	1294.12	-0.004076	5.68844	47.0838	-0.011583
2.34917	75.0488	81.8826	821.34	1293.02	0.028532	5.65219	46.7384	-0.012188
2.35017	75.0488	81.6091	820.769	1290.29	-0.004076	5.70489	46.9357	-0.011875
2.35117	74.7758	82.0193	821.34	1288.52	-0.004076	5.73375	48.884	-0.009688
2.35217	74.7758	81.6091	819.97	1288.47	-0.004076	5.72281	48.889	-0.013125
2.35317	74.7758	81.6091	819.513	1286.19	-0.004076	5.72594	48.889	-0.013125
2.35417	74.7758	81.7458	820.884	1284.83	-0.004076	5.72531	47.0344	-0.012188
2.35517	75.1854	81.7458	820.427	1283.6	-0.02038	5.72489	48.7384	-0.012188
2.35617	75.0488	81.3356	820.427	1281.96	0.024456	5.72489	48.9357	-0.012813
2.35717	74.5024	81.8826	820.427	1280.32	-0.004076	5.72489	48.6397	-0.012188
2.35817	74.5024	82.1581	820.198	1278.82	0.02038	5.72375	48.541	-0.012813
2.35917	74.7758	81.7458	820.541	1276.5	-0.004076	5.72344	48.7384	-0.012813
2.36017	74.7758	81.8826	820.198	1277.18	-0.004076	5.72094	48.3436	-0.013125
2.36117	74.7758	82.0193	820.198	1273.38	-0.008152	5.71906	48.7384	-0.011583
2.36217	74.7758	81.7458	820.427	1272.81	-0.008152	5.71969	48.5903	-0.012813
2.36317	75.4687	81.8826	819.513	1271.03	-0.008152	5.72094	48.541	-0.014063
2.36417	74.7758	82.0193	819.741	1268.86	-0.012228	5.72156	48.837	-0.011583
2.36517	74.2292	81.8826	819.856	1268.44	-0.004076	5.72219	48.3436	-0.012813
2.36617	74.9122	82.1581	819.97	1267.76	-0.004076	5.72406	48.3436	-0.012813
2.36717	74.7758	81.8826	819.741	1265.43	-0.004076	5.72583	48.541	-0.012813
2.36817	74.7758	81.6091	819.056	1263.52	-0.004076	5.72375	48.4423	-0.011875
2.36917	74.2292	81.7458	819.741	1262.98	0.044837	5.72489	48.4918	-0.014375
2.37017	74.639	81.8826	819.284	1261.75	-0.004076	5.72219	48.3929	-0.012188
2.37117	74.7758	81.7458	819.17	1261.88	-0.004076	5.72489	48.4918	-0.010825
2.37217	74.7758	82.1581	819.284	1259.42	-0.004076	5.72594	48.4918	-0.010313
2.37317	74.7758	81.3356	819.741	1258.33	-0.004076	5.72813	48.541	-0.00875
2.37417	74.7758	81.3356	818.371	1256.97	-0.004076	5.72969	48.541	-0.012813
2.37517	75.0488	81.8826	818.599	1255.87	-0.004076	5.72937	48.9357	-0.013438
2.37617	74.7758	81.8826	818.599	1255.05	-0.004076	5.72844	48.6397	-0.011583
2.37717	74.7758	81.8826	818.257	1253.69	-0.004076	5.70969	48.6397	-0.011583
2.37817	74.7758	81.7458	818.142	1252.32	-0.008152	5.68875	48.4918	-0.012188
2.37917	74.2292	81.8826	818.371	1251.37	-0.004076	5.68781	48.541	-0.01375
2.38017	74.2292	81.7458	818.257	1249.88	0.036885	5.65969	48.889	-0.011583
2.38117	74.7758	81.8826	818.599	1249.59	-0.004076	5.73094	48.6397	-0.0125
2.38217	74.9122	81.3356	818.599	1248.04	-0.004076	5.73858	48.884	-0.010938
2.38317	74.639	82.2828	818.257	1248.04	-0.028532	5.72969	48.6397	-0.012188
2.38417	74.7758	82.1581	818.371	1244.87	-0.008152	5.72969	48.4918	-0.010313
2.38517	74.7758	81.4724	818.599	1244.4	-0.004076	5.73082	48.5903	-0.012813
2.38617	75.0488	81.8826	818.599	1243.31	-0.004076	5.72906	48.7384	-0.011875
2.38717	75.0488	81.7458	818.599	1242.21	-0.004076	5.72687	48.884	-0.013438
2.38817	74.7758	81.6091	818.257	1240.99	-0.004076	5.72906	48.7384	-0.012813
2.38917	75.0488	81.6091	818.599	1240.03	0.02038	5.72594	48.7384	-0.011583
2.39017	74.7758	81.1989	818.028	1238.86	-0.004076	5.72219	48.6397	-0.012813
2.39117	74.7758	82.2828	818.599	1237.84	0.057065	5.72219	48.6397	-0.0125

2.39217	74.7756	82.1561	818.028	1236.21	-0.004076	5.71969	46.689	-0.012188
2.39317	74.839	81.7458	817.885	1236.21	-0.004076	5.71969	46.541	-0.012188
2.39417	75.1854	81.7458	817.885	1232.93	-0.008152	5.71844	46.8397	-0.011583
2.39517	74.839	81.7458	818.599	1231.83	-0.004076	5.71969	46.3929	-0.010313
2.39617	74.9122	81.8826	817.114	1230.47	-0.004076	5.72219	46.2449	-0.012813
2.39717	74.7756	82.2928	818.257	1229.1	0.02038	5.72344	46.1462	-0.012813
2.39817	75.0488	81.3358	817.885	1228.82	-0.004076	5.72437	46.2943	-0.013438
2.39917	74.839	81.8826	818.599	1226.37	-0.004076	5.72594	45.8502	-0.011875
2.40017	75.0488	81.8826	818.142	1225.01	-0.004076	5.73082	45.7515	-0.010825
2.40117	75.0488	81.1989	818.599	1222.82	-0.004076	5.72844	45.8528	-0.011875
2.40217	75.0488	81.8826	818.599	1221.73	0.061141	5.73094	45.3567	-0.012813
2.40317	75.0488	81.8826	818.028	1220.83	-0.004076	5.73158	45.3074	-0.012813
2.40417	74.839	82.0193	818.028	1220.36	-0.004076	5.73187	45.258	-0.01375
2.40517	75.0488	81.7458	818.599	1217.63	-0.004076	5.73376	45.0608	-0.014688
2.40617	74.9122	81.7458	817.814	1216.13	-0.018304	5.73469	45.258	-0.010313
2.40717	74.9122	81.7458	817.814	1215.44	-0.004076	5.73125	44.9619	-0.014688
2.40817	74.7756	82.0193	817.457	1213.67	-0.004076	5.70719	44.8633	-0.014083
2.40917	75.1854	81.8826	817.885	1212.71	-0.004076	5.68563	44.9619	-0.0125
2.41017	74.7756	81.8826	817.343	1212.3	0.02038	5.68988	44.9619	-0.014083
2.41117	74.7756	81.8091	817.885	1209.96	-0.004076	5.69469	44.8139	-0.013125
2.41217	74.7756	81.8826	817.885	1209.96	0.02038	5.74658	44.7152	-0.015313
2.41317	74.839	81.7458	817.229	1207.25	0.052989	5.73094	44.6659	-0.012813
2.41417	74.839	81.1989	817	1207.11	-0.008152	5.73344	44.3898	-0.013438
2.41517	75.0488	81.8826	818.772	1206.16	-0.004076	5.7325	44.3898	-0.0125
2.41617	74.839	81.7458	818.088	1202.88	-0.004076	5.73082	44.5872	-0.013438
2.41717	74.7756	81.8091	818.772	1201.1	-0.004076	5.72875	44.1724	-0.011583
2.41817	74.7756	81.8091	818.658	1200.56	-0.004076	5.72969	44.0737	-0.011875
2.41917	75.0488	81.7458	818.543	1199.46	-0.004076	5.72844	44.2711	-0.0125
2.42017	74.0926	81.7458	818.315	1197.96	-0.004076	5.72719	44.8165	-0.01125
2.42117	74.839	81.8091	818.315	1196.87	0.024458	5.72844	43.9751	-0.0125
2.42217	74.7756	82.4295	818.772	1195.09	-0.004076	5.72594	43.7777	-0.013438
2.42317	74.7756	81.8826	817	1194.14	-0.004076	5.72312	43.531	-0.012813
2.42417	75.0488	81.8826	815.515	1192.23	0.028532	5.72344	43.4323	-0.0125
2.42517	74.7756	81.0822	815.63	1190.18	-0.012228	5.72469	43.531	-0.01125
2.42617	74.839	82.0193	815.744	1189.77	-0.004076	5.72781	43.2349	-0.012188
2.42717	74.9122	81.8826	815.287	1187.04	-0.004076	5.72658	43.3829	-0.011875
2.42817	74.7756	82.0193	815.287	1184.85	-0.004076	5.72844	43.1855	-0.011875
2.42917	74.7756	81.7458	814.83	1183.21	-0.004076	5.73094	43.0668	-0.014063
2.43017	74.9122	81.8826	814.259	1181.03	0.02038	5.73031	42.8695	-0.014063
2.43118	75.0488	81.8091	814.259	1178.84	-0.004076	5.73281	42.9388	-0.011875
2.43218	75.0488	81.7458	814.031	1177.61	0.02038	5.73344	42.5834	-0.011875
2.43318	74.7756	81.8826	813.574	1175.02	0.028532	5.73719	42.2973	-0.012813
2.43418	75.0488	81.7458	813.003	1173.38	-0.008152	5.73469	42.0013	-0.013125
2.43518	75.3221	81.8826	811.746	1170.78	0.036885	5.73719	42.3487	-0.012813
2.43618	75.0488	81.7458	811.175	1169.01	0.02038	5.73969	42.0508	-0.012188
2.43718	74.839	82.0193	809.819	1166.82	-0.004076	5.73531	41.8039	-0.013125
2.43818	74.7756	81.7458	808.778	1163.82	-0.004076	5.71469	41.8078	-0.013438
2.43918	75.0488	81.8091	807.406	1160.96	-0.008152	5.69219	41.6559	-0.010825
2.44018	74.7756	81.8826	806.284	1158.63	-0.004076	5.67594	41.4091	-0.012813
2.44118	74.839	81.7458	805.122	1155.89	-0.004076	5.67531	41.4091	-0.014063
2.44218	74.9122	81.7458	803.979	1153.71	-0.004076	5.74158	41.3598	-0.0125
2.44318	74.7756	81.8091	803.865	1151.8	0.024458	5.73408	41.1824	-0.014063

2.44418	74.7756	81.8826	803.294	1148.52	0.02038	5.73906	41.0144	-0.012813
2.44518	74.7756	81.8826	803.294	1148.81	-0.004078	5.73489	40.817	-0.013438
2.44618	74.7756	81.7458	802.837	1143.33	0.036885	5.73344	40.7878	-0.013125
2.44718	74.0926	81.7458	803.979	1140.8	-0.012228	5.73219	40.7183	-0.013438
2.44818	75.1854	81.7458	804.438	1138.14	-0.004078	5.72868	40.2249	-0.012188
2.44918	74.7756	82.1561	804.322	1134.88	-0.004078	5.72868	40.3235	-0.012813
2.45018	75.0488	81.4724	803.751	1132.95	-0.004078	5.72868	40.2249	-0.010313
2.45118	74.639	82.1561	803.979	1130.49	-0.004078	5.72868	39.9781	-0.013125
2.45218	74.7756	81.8826	803.979	1128.94	-0.016304	5.72837	39.8301	-0.013438
2.45318	74.7756	81.8826	804.893	1125.03	-0.004078	5.72781	40.2249	-0.010938
2.45418	74.7756	82.2928	805.35	1122.02	-0.004078	5.72781	39.5834	-0.012813
2.45518	74.7756	81.8826	805.807	1118.2	-0.004078	5.73281	39.6821	-0.012188
2.45618	74.639	81.8826	805.35	1115.74	-0.004078	5.72844	39.4353	-0.01375
2.45718	74.5024	82.1561	805.578	1113.69	0.044837	5.72868	39.386	-0.014083
2.45818	75.0488	81.6091	805.122	1110	-0.02038	5.72844	39.1886	-0.012188
2.45918	74.7756	81.8826	804.893	1107.41	-0.004078	5.73094	39.3366	-0.01375
2.46018	74.639	81.8826	804.893	1104.54	-0.004078	5.73156	39.2873	-0.0125
2.46118	74.7756	82.2928	804.885	1101.81	-0.004078	5.73219	38.0408	-0.011875
2.46218	74.7756	81.8826	803.979	1097.98	-0.004078	5.73375	38.6468	-0.014083
2.46318	74.5024	81.8826	804.885	1095.53	-0.004078	5.73825	38.5471	-0.014688
2.46418	74.3858	81.8826	805.007	1092.93	-0.004078	5.73594	38.8925	-0.012813
2.46518	74.5024	81.6091	804.885	1090.2	-0.004078	5.73989	38.6458	-0.013125
2.46618	74.639	81.8826	804.893	1087.47	-0.004078	5.74344	38.3488	-0.012813
2.46718	75.1854	81.8826	804.885	1084.8	-0.004078	5.73875	38.5471	-0.010938
2.46818	74.5024	81.1989	804.893	1081.05	-0.004078	5.71594	38.2511	-0.013438
2.46918	75.0488	81.8826	804.438	1078.45	-0.004078	5.69594	38.2017	-0.0125
2.47018	74.7756	81.8826	804.438	1077.83	-0.004078	5.67844	38.2017	-0.011875
2.47118	75.1854	81.7458	803.837	1072.85	0.024456	5.66808	38.2511	-0.011583
2.47218	74.7756	81.6091	802.837	1069.85	-0.004078	5.74344	37.8563	-0.011683
2.47318	74.7756	81.8826	801.695	1068.84	-0.008152	5.74219	37.6086	-0.015313
2.47418	74.5024	81.4724	800.098	1064.38	-0.004078	5.74219	37.6589	-0.013438
2.47518	74.2292	81.7458	800.324	1061.65	-0.004078	5.74084	38.2511	-0.01125
2.47618	75.0488	81.8826	799.982	1059.18	0.028532	5.73968	37.7576	-0.012813
2.47718	74.7756	81.7458	799.411	1056.33	-0.004078	5.74156	37.6589	-0.013125
2.47818	73.956	81.6091	799.411	1054	-0.004078	5.73582	37.4615	-0.012188
2.47918	74.7756	81.1989	799.182	1050.88	0.036885	5.73582	37.4615	-0.011583
2.48018	74.639	81.7458	798.84	1048.27	-0.004078	5.73408	37.3135	-0.01125
2.48118	74.639	81.8826	798.725	1045.81	-0.012228	5.73344	37.4615	-0.012813
2.48218	74.639	81.3358	798.639	1044.31	0.02038	5.73408	37.3629	-0.01125
2.48318	74.639	81.7458	799.411	1041.44	-0.004078	5.73219	37.4122	-0.010825
2.48418	74.2292	81.6091	798.725	1037.34	-0.044837	5.73281	36.7707	-0.013438
2.48518	74.7756	81.8826	800.324	1035.98	0.028532	5.73858	37.2842	-0.012188
2.48618	74.9122	81.8826	801.238	1033.11	-0.004078	5.73858	37.6589	-0.011875
2.48718	75.0488	81.6091	801.238	1031.33	0.02038	5.73719	37.4615	-0.012813
2.48818	74.7756	82.0193	801.238	1028.74	-0.004078	5.74219	37.4615	-0.013438
2.48918	74.639	81.8826	800.098	1025.32	-0.004078	5.73968	36.9188	-0.012813
2.49018	74.7756	82.1561	799.088	1022.58	0.028532	5.73968	37.2842	-0.011583
2.49118	74.639	81.8826	798.04	1020.68	-0.004078	5.74344	37.2148	-0.0125
2.49218	74.7756	81.6091	798.889	1018.83	0.016304	5.74719	37.3135	-0.011583
2.49318	74.9122	81.8826	798.889	1018.58	-0.004078	5.74781	37.0688	-0.012813
2.49418	74.7756	81.7458	794.385	1012.78	-0.028532	5.74719	36.672	-0.0125
2.49518	74.7756	82.0193	793.7	1008.48	-0.036885	5.74719	36.4747	-0.014688

2.49618	75.0488	81.6091	793.014	1008.39	-0.004076	5.75094	36.7707	-0.013438
2.49718	74.7756	81.7458	791.986	1005.93	0.02038	5.74219	36.9681	-0.012813
2.49818	74.7756	82.1581	791.644	1003.47	-0.004076	5.71989	36.9681	-0.012188
2.49918	74.7756	81.7458	791.187	1001.58	0.024458	5.70187	37.2642	-0.012188
2.50018	74.7756	82.2928	790.73	998.552	-0.004076	5.67969	37.0174	-0.01125
2.50118	74.7756	81.7458	790.502	998.367	-0.004076	5.70219	36.9681	-0.011875
2.50218	74.7756	81.6091	790.502	994.581	-0.004076	5.76312	36.7707	-0.013438
2.50318	74.9122	81.6091	790.502	993.089	-0.004076	5.7425	36.8694	-0.012813
2.50418	75.0488	81.8826	789.816	989.538	-0.012228	5.74489	36.9681	-0.011875
2.50518	74.839	81.8826	789.358	987.352	-0.004076	5.74219	36.672	-0.012813
2.50618	75.0488	81.7458	788.217	983.255	-0.036885	5.74219	36.4253	-0.012188
2.50718	74.7756	82.1581	788.903	982.572	-0.004076	5.74489	36.4747	-0.012188
2.50818	74.5024	81.4724	787.989	979.567	-0.004076	5.73989	36.9681	-0.012188
2.50918	75.1854	81.8826	788.331	978.085	0.018304	5.74158	36.672	-0.010825
2.51018	74.7756	81.6091	787.875	975.806	-0.004076	5.74489	36.4747	-0.013125
2.51118	74.2292	81.6091	787.304	973.148	-0.004076	5.73844	36.5733	-0.011875
2.51218	74.7756	81.6091	787.075	971.509	-0.004076	5.73989	36.376	-0.012813
2.51318	74.7756	81.8826	788.732	970.143	-0.004076	5.73875	36.4747	-0.01375
2.51418	74.5024	81.8826	788.618	967.885	-0.004076	5.73719	36.5733	-0.012813
2.51518	74.7756	81.7458	788.161	966.865	0.024458	5.73908	36.672	-0.012813
2.51618	75.0488	81.6091	788.161	963.587	-0.004076	5.74408	36.4253	-0.010838
2.51718	74.2292	81.3356	785.248	959.217	-0.036885	5.73989	35.8825	-0.015313
2.51818	74.839	81.6091	785.019	959.217	-0.004076	5.74281	36.4253	-0.012813
2.51918	74.7756	81.0622	785.478	957.851	-0.004076	5.74489	36.5733	-0.011875
2.52018	74.839	81.7458	784.791	956.621	0.032609	5.74594	36.4747	-0.012188
2.52118	74.839	82.1581	785.362	956.865	0.024458	5.74813	36.2773	-0.012188
2.52218	74.5024	81.4724	785.248	953.753	0.036885	5.74583	36.0799	-0.01375
2.52318	74.3858	81.8826	784.791	952.881	0.052989	5.74989	36.2773	-0.012188
2.52418	73.956	81.7458	784.334	950.475	-0.004076	5.74989	36.524	-0.011875
2.52518	73.956	81.6091	785.362	949.858	-0.004076	5.74844	36.376	-0.012813
2.52618	74.5024	81.7458	784.582	948.29	-0.004076	5.74908	36.2773	-0.01375
2.52718	74.2292	81.6091	784.448	948.105	-0.004076	5.73658	36.4253	-0.013125
2.52818	74.7756	81.8826	785.478	945.558	-0.008152	5.70906	36.4747	-0.00875
2.52918	74.7756	82.0193	783.763	944.486	-0.004076	5.69889	36.376	-0.014063
2.53018	74.839	81.7458	783.877	943.919	0.02038	5.67989	36.7214	-0.014063
2.53118	74.839	82.0193	783.306	942.69	-0.004076	5.74219	36.4747	-0.014688
2.53218	74.9122	82.1581	783.534	941.734	-0.004076	5.75406	36.7707	-0.013125
2.53318	74.3858	82.1581	782.506	939.549	-0.004076	5.74781	36.672	-0.011583
2.53418	74.7756	82.1581	782.049	939.549	-0.004076	5.75094	36.4253	-0.012813
2.53518	74.7756	81.8826	782.506	938.886	-0.004076	5.74989	36.7707	-0.013125
2.53618	74.5024	81.8826	781.478	937.91	-0.02038	5.74489	36.6227	-0.011875
2.53718	75.0488	81.6091	781.136	937.363	-0.004076	5.74719	36.8201	-0.011563
2.53818	74.7756	81.8826	781.136	935.998	-0.008152	5.74858	36.7707	-0.012813
2.53918	74.7756	81.7458	781.022	935.178	-0.008152	5.74408	36.672	-0.013438
2.54018	74.839	81.7458	780.222	935.178	-0.004076	5.74437	36.672	-0.013438
2.54118	74.0926	81.8826	780.879	934.632	-0.008152	5.74344	37.2642	-0.012813
2.54218	74.7756	81.6091	779.879	933.812	-0.008152	5.73989	36.8201	-0.012813
2.54318	74.2292	81.7458	779.994	934.085	-0.004076	5.74219	36.9681	-0.011875
2.54418	74.3858	81.8826	780.222	932.72	-0.004076	5.74187	36.9681	-0.01125
2.54518	74.2292	81.7458	780.108	932.31	0.028532	5.74489	36.7707	-0.012813
2.54618	74.839	81.6091	780.222	931.9	-0.004076	5.74489	36.9681	-0.012813
2.54718	74.839	81.8826	779.765	931.081	-0.004076	5.74344	36.9188	-0.014063

2.54818	75.0488	81.3358	779.994	931.9	-0.004078	5.74489	38.8894	-0.014063
2.54918	74.7756	81.7458	779.651	929.715	-0.004078	5.74719	38.9188	-0.012813
2.55018	74.839	81.1989	780.879	930.125	-0.004078	5.74869	37.1655	-0.0125
2.55118	74.9122	81.8091	778.988	928.895	-0.004078	5.75281	37.2642	-0.014063
2.55218	74.839	81.8828	779.194	929.168	-0.004078	5.75625	37.6096	-0.012188
2.55318	74.7756	82.1561	779.537	929.305	0.02038	5.75781	37.0668	-0.012188
2.55418	74.7756	81.1989	778.851	928.759	0.028532	5.75938	37.3135	-0.012813
2.55518	74.839	81.7458	779.194	928.349	-0.02038	5.75989	37.3629	-0.012188
2.55618	74.5024	81.8828	778.823	928.622	-0.004078	5.75219	37.4615	-0.012188
2.55718	74.5024	81.8828	778.28	928.488	-0.004078	5.72875	37.5602	-0.011875
2.55818	74.839	81.8828	778.851	928.488	-0.004078	5.70989	37.5602	-0.012188
2.55918	74.5024	81.8828	778.168	929.442	-0.004078	5.69489	37.8589	-0.012813
2.56018	74.839	81.7458	778.168	927.803	-0.004078	5.73989	37.7576	-0.010313
2.56118	74.839	81.4724	778.395	927.803	-0.012228	5.76594	37.7576	-0.009063
2.56218	74.5024	82.2928	777.595	927.529	-0.004078	5.75658	37.7083	-0.012813
2.56318	74.839	81.7458	777.823	928.349	-0.004078	5.75844	37.9057	-0.012813
2.56418	74.5024	81.8091	777.938	927.803	-0.004078	5.75719	37.8563	-0.012813
2.56518	74.839	82.0193	777.481	928.078	-0.004078	5.75719	38.0537	-0.013438
2.56618	74.5024	81.7458	777.709	928.895	0.02038	5.75658	38.3004	-0.011875
2.56718	74.7756	81.7458	777.481	928.622	-0.004078	5.75489	38.1624	-0.012813
2.56818	74.5024	81.8828	777.709	928.622	-0.004078	5.75489	38.0537	-0.012813
2.56918	74.7756	81.8828	777.252	928.349	-0.004078	5.75489	38.2511	-0.013438
2.57019	74.0828	81.8091	777.938	928.168	-0.004078	5.76437	38.2511	-0.014063
2.57119	74.5024	82.1561	778.168	928.168	-0.004078	5.74989	38.4979	-0.012813
2.57219	74.839	81.8828	778.194	928.168	-0.004078	5.75094	38.4484	-0.010825
2.57319	74.3858	81.7458	777.595	928.168	0.038885	5.75219	38.7445	-0.015313
2.57419	74.7756	81.7458	777.938	928.851	-0.004078	5.75312	38.9419	-0.011563
2.57519	74.7756	82.4295	777.481	928.622	-0.004078	5.75281	39.0406	-0.012813
2.57619	74.5024	81.7458	777.709	929.188	-0.004078	5.75489	38.9419	-0.0125
2.57719	74.5024	81.0622	777.709	929.578	0.02038	5.75719	39.0406	-0.012188
2.57819	74.3858	82.0193	778.91	928.895	-0.004078	5.75582	39.238	-0.012813
2.57919	74.2292	81.7458	777.367	929.442	0.032809	5.75844	39.4353	-0.012813
2.58019	74.5024	81.8828	777.024	928.622	-0.004078	5.75989	39.7314	-0.012188
2.58119	74.7756	81.8828	777.024	929.851	-0.008152	5.75719	39.6821	-0.013125
2.58219	73.958	81.8091	778.567	929.168	-0.004078	5.75844	39.9781	-0.013438
2.58319	74.839	81.8828	778.567	928.349	-0.016304	5.75989	40.3235	-0.009063
2.58419	74.9122	81.8091	778.567	928.349	-0.004078	5.75719	40.1755	-0.014375
2.58519	74.5024	81.8828	778.453	928.622	-0.004078	5.73531	40.7183	-0.011563
2.58619	74.7756	81.8828	775.996	928.078	-0.02038	5.71489	40.4222	-0.013438
2.58719	74.2292	81.8091	778.224	928.895	-0.004078	5.68906	40.6198	-0.011875
2.58819	74.5024	82.0193	778.11	928.078	-0.004078	5.68666	40.6198	-0.013438
2.58919	74.839	82.1561	778.224	929.168	-0.004078	5.75844	40.817	-0.014375
2.59019	74.5024	81.8091	778.224	930.261	0.040781	5.76156	41.0637	-0.013125
2.59119	74.5024	82.1561	778.339	930.261	-0.004078	5.75989	40.8683	-0.013125
2.59219	74.839	81.8828	778.567	930.534	-0.008152	5.75844	41.3598	-0.013125
2.59319	73.8194	81.3358	778.339	929.578	-0.024458	5.75781	41.5572	-0.011563
2.59419	74.839	81.7458	777.938	929.715	-0.012228	5.75719	41.3598	-0.009063
2.59519	74.5024	82.1561	778.567	928.622	-0.024458	5.75658	41.8085	-0.012813
2.59619	74.5024	81.8828	777.024	929.988	-0.004078	5.75594	41.8039	-0.012813
2.59719	74.3858	81.3358	777.024	929.442	-0.008152	5.75688	41.8085	-0.012813
2.59819	73.958	81.8091	778.567	929.715	-0.004078	5.75531	42.0013	-0.010838
2.59919	74.5024	82.2928	777.024	929.715	-0.004078	5.75344	42.0013	-0.011563

2.60019	74.2292	81.6091	777.367	929.716	-0.02036	5.75219	42.0506	-0.010625
2.60119	74.5024	82.2928	777.024	929.442	-0.02036	5.75344	42.1988	-0.01125
2.60219	74.639	81.3356	776.795	929.576	-0.052989	5.75469	42.1866	-0.0125
2.60319	75.0488	81.7458	776.339	930.261	-0.118206	5.75408	42.0013	-0.012188
2.60419	74.3658	81.7458	776.453	928.076	-0.199727	5.75375	42.1	-0.010938
2.60519	74.5024	82.0193	776.166	929.988	-0.322009	5.75719	42.4847	-0.009063
2.60619	74.0926	81.7458	776.795	929.442	-0.513584	5.75437	41.9519	-0.01375
2.60719	74.7756	81.6091	777.024	929.442	-0.770375	5.75719	42.5934	-0.012813
2.60819	74.2292	81.7458	777.367	930.398	-1.072	5.75969	42.4947	-0.0125
2.60919	74.5024	81.8826	777.367	929.988	-1.38994	5.76156	42.6921	-0.010938
2.61019	74.2292	81.1989	777.481	929.715	-1.74048	5.76312	42.5934	-0.011563
2.61119	74.5024	81.8826	778.062	929.715	-2.03395	5.76344	42.6934	-0.011563
2.61219	74.5024	81.7458	777.938	929.851	-2.26221	5.76687	42.6921	-0.013438
2.61319	74.7756	81.7458	777.596	929.715	-2.40895	5.76812	42.4947	-0.01375
2.61419	74.2292	81.8826	778.28	931.354	-2.4008	5.73344	42.9388	-0.012188
2.61519	74.2292	81.6091	778.166	929.576	-2.36004	5.71261	42.9682	-0.011563
2.61619	74.5024	81.8826	778.966	929.715	-2.26221	5.69469	43.0375	-0.010938
2.61719	74.5024	81.8826	778.166	929.168	-2.16439	5.70469	42.9682	-0.0125
2.61819	74.639	81.7458	778.395	929.988	-2.09102	5.77906	43.5803	-0.0125
2.61919	74.7756	81.8826	778.395	929.715	-2.04211	5.78156	43.1855	-0.012188
2.62019	74.639	81.7458	778.623	929.715	-2.04211	5.78281	43.2842	-0.0125
2.62119	74.0926	81.8826	778.395	929.715	-2.04211	5.76469	43.4323	-0.012188
2.62219	74.5024	81.8826	779.308	930.807	-2.09509	5.75969	42.9682	-0.012813
2.62319	74.5024	81.8826	778.737	930.125	-2.07064	5.76281	43.2842	-0.011875
2.62419	74.2292	81.8826	780.106	930.261	-2.13566	5.76312	43.1855	-0.0125
2.62519	74.9122	81.8826	778.395	931.627	-2.14806	5.75969	43.3829	-0.011875
2.62619	74.5024	81.8826	779.194	929.576	-2.14806	5.75844	43.4323	-0.012813
2.62719	74.5024	82.0193	779.994	929.851	-2.17254	5.75844	43.3336	-0.010313
2.62819	74.639	81.6091	779.765	929.442	-2.13566	5.75781	43.1362	-0.012188
2.62919	74.3658	81.8826	778.623	930.125	-2.13993	5.75688	43.5803	-0.012813
2.63019	74.2292	81.3356	779.308	930.261	-2.13178	5.75656	43.7777	-0.012813
2.63119	74.639	82.4295	779.308	930.534	-2.09917	5.75844	43.4816	-0.012188
2.63219	74.2292	81.8826	779.308	930.125	-2.13993	5.75969	43.5803	-0.011875
2.63319	74.639	81.8826	779.765	930.261	-2.12363	5.75906	43.1855	-0.012813
2.63419	73.956	81.4724	779.879	930.807	-2.09102	5.76281	43.3829	-0.012813
2.63519	74.639	82.4295	779.765	929.715	-2.14401	5.76437	43.679	-0.011563
2.63619	74.5024	81.1989	779.537	930.671	-2.12363	5.76437	43.679	-0.012813
2.63719	74.5024	81.1989	779.661	930.261	-2.09102	5.76344	43.5803	-0.012813
2.63819	74.3658	82.0193	781.364	930.261	-2.08508	5.76469	43.679	-0.010938
2.63919	75.0488	81.3356	780.222	930.261	-2.09102	5.76969	43.531	-0.013438
2.64019	75.1854	81.6091	780.679	929.988	-2.06246	5.77094	43.5803	-0.0125
2.64119	73.956	81.7458	780.907	930.534	-2.06246	6.77187	43.7777	-0.011563
2.64219	74.7756	81.8826	779.994	930.261	-2.04618	5.75835	43.7283	-0.012188
2.64319	74.7756	81.7458	780.907	931.081	-2.0256	5.73969	43.7283	-0.012188
2.64419	74.0926	81.6091	780.106	930.807	-2.0256	5.71694	43.6764	-0.011563
2.64519	74.7756	81.6091	780.222	930.807	-2.00135	5.70469	43.679	-0.012188
2.64619	74.7756	82.2928	779.994	930.807	-2.03395	5.76719	43.7283	-0.012813
2.64719	74.2292	81.8826	779.994	930.807	-2.0095	5.77469	43.6764	-0.011563
2.64819	74.5024	81.7458	780.585	930.534	-1.97688	5.76969	44.0737	-0.010938
2.64919	74.7756	82.0193	779.994	930.261	-1.95674	5.77375	43.6764	-0.010938
2.65019	74.9122	81.6091	780.222	930.534	-1.95243	5.77156	44.0737	-0.013438
2.65119	74.7756	82.1561	780.222	930.807	-1.97688	5.76969	44.6659	-0.011563

2.85219	74.7756	82.2928	780.222	931.764	-1.99319	5.76989	44.1724	-0.010938
2.85319	74.2292	81.4724	780.222	931.217	-1.97281	5.76844	44.1724	-0.012813
2.85419	74.5024	82.1561	780.222	930.807	-1.91167	5.76531	44.4192	-0.012813
2.85519	74.639	81.8826	780.45	931.081	-1.88722	5.76408	44.0244	-0.012188
2.85619	74.7756	81.8826	780.793	931.764	-1.83423	5.76469	44.1724	-0.013125
2.85719	74.9122	81.6091	779.766	931.354	-1.88276	5.76344	44.1724	-0.011875
2.85819	74.639	81.3356	780.907	932.856	-1.81385	5.76281	44.3698	-0.012813
2.85919	74.7756	81.6091	779.879	930.807	-1.83015	5.76594	44.3698	-0.010625
2.86019	74.5024	81.3356	780.907	930.807	-1.77309	5.7675	44.3698	-0.01125
2.86119	74.7756	81.8826	781.022	930.807	-1.78901	5.76281	44.2711	-0.012188
2.86219	74.7756	82.2928	780.222	931.217	-1.74863	5.76719	44.5672	-0.013125
2.86319	74.639	81.8826	780.907	931.9	-1.69972	5.77344	44.9619	-0.012188
2.86419	74.5024	81.8826	780.45	931.354	-1.69972	5.77031	44.4685	-0.012813
2.86519	74.7756	81.7458	780.907	931.764	-1.67934	5.77218	44.8633	-0.012813
2.86619	74.7756	81.8826	780.679	931.627	-1.64265	5.77469	44.5672	-0.014063
2.86719	75.3221	81.7458	780.879	931.764	-1.60189	5.77781	44.5672	-0.012188
2.86819	75.1854	81.7458	780.807	931.764	-1.60587	5.77908	44.5178	-0.01125
2.86919	74.7756	82.0193	780.679	930.807	-1.60189	5.77844	44.7646	-0.011563
2.87019	74.5024	81.6091	780.565	931.9	-1.57744	5.78469	44.7646	-0.011875
2.87119	74.5024	82.1561	780.565	931.081	-1.57336	5.74219	44.7646	-0.011563
2.87219	74.639	81.8826	780.336	931.764	-1.52445	5.72406	44.9128	-0.013438
2.87319	74.7756	81.3356	780.565	931.764	-1.50407	5.71531	44.7646	-0.015313
2.87419	73.966	81.3356	781.478	931.627	-1.47146	5.77582	45.11	-0.013438
2.87519	74.5024	81.3356	780.793	931.354	-1.48776	5.77908	44.9619	-0.012813
2.87619	74.5024	81.8826	781.136	931.354	-1.43885	5.77869	45.2087	-0.011563
2.87719	74.5024	81.3356	780.907	931.9	-1.41439	5.77656	45.0608	-0.012188
2.87819	74.7756	81.8826	781.364	932.173	-1.3614	5.77594	45.11	-0.013438
2.87919	74.9122	81.3356	781.136	932.31	-1.38586	5.77469	45.11	-0.012188
2.88019	74.9122	81.6091	781.136	933.539	-1.34102	5.77344	45.258	-0.012188
2.88119	74.639	81.0622	781.022	931.9	-1.34918	5.76989	45.0608	-0.010825
2.88219	74.5024	81.7458	781.707	931.9	-1.31249	5.77187	45.258	-0.012813
2.88319	74.5024	82.0193	780.679	930.807	-1.31667	5.76844	44.9619	-0.013438
2.88419	74.2292	81.3356	780.907	932.446	-1.27988	5.76908	45.11	-0.014688
2.88519	74.7756	81.7458	781.364	932.583	-1.26765	5.76844	45.5047	-0.011563
2.88619	74.7756	82.1561	780.907	931.9	-1.23097	5.76875	45.3587	-0.012188
2.88719	74.5024	81.8826	781.478	933.266	-1.16575	5.77469	45.5541	-0.012188
2.88819	74.7756	81.8826	781.136	933.403	-1.19021	5.77062	45.3587	-0.012613
2.88919	75.1854	81.8826	780.45	932.856	-1.14537	5.77094	45.3074	-0.012813
2.89019	74.7756	82.2928	781.136	932.993	-1.13722	5.77344	45.3587	-0.013438
2.89119	75.0488	82.1561	781.364	933.812	-1.13314	5.77187	45.5047	-0.012813
2.89219	74.7756	82.2928	780.907	932.993	-1.12092	5.77281	45.7515	-0.012813
2.89319	74.7756	82.0193	780.565	932.993	-1.09238	5.77656	45.8034	-0.01125
2.89419	74.5024	81.7458	781.593	933.539	-1.072	5.77437	45.258	-0.014688
2.89519	74.7756	81.4724	781.136	933.812	-1.02309	5.77781	45.5541	-0.012813
2.89619	74.7756	81.8826	781.364	934.085	-0.990483	5.77969	45.6528	-0.012188
2.89719	74.5024	82.1561	780.907	934.359	-0.998635	5.77719	45.3587	-0.012813
2.89819	74.2292	81.8826	781.25	934.359	-0.98233	5.75594	45.7515	-0.011563
2.89919	74.5024	81.7458	781.364	934.905	-0.953796	5.73406	45.5541	-0.014063
2.70019	74.639	82.0193	781.836	934.905	-0.900809	5.71688	45.8502	-0.010938
2.70119	74.5024	82.2928	781.593	934.768	-0.929342	5.71156	45.3587	-0.010938
2.70219	75.3221	81.7458	781.136	934.085	-0.94157	5.78562	45.5047	-0.011563
2.70319	74.7756	81.8826	781.707	935.178	-0.896733	5.77969	45.6528	-0.012813

2.70419	74.639	81.3356	781.364	934.768	-0.896733	5.78219	45.3587	-0.013498
2.70519	75.0488	81.8826	780.108	934.359	-0.933418	5.77594	45.1593	-0.015825
2.70619	74.5024	81.7458	780.879	935.178	-0.884505	5.77875	45.258	-0.015838
2.70719	74.7756	81.7458	781.136	936.134	-0.866201	5.77969	45.9488	-0.012813
2.70819	74.7756	81.8826	781.821	936.271	-0.851897	5.77825	45.3567	-0.012188
2.7082	74.9122	81.8826	781.478	936.817	-0.82744	5.77812	45.8528	-0.012188
2.7102	74.9122	81.8091	781.384	936.544	-0.843744	5.77489	45.7515	-0.012813
2.7112	74.7756	81.8826	780.793	937.09	-0.819288	5.77281	45.7515	-0.012188
2.7122	74.639	82.1661	780.907	936.964	-0.80706	5.77094	45.3587	-0.013125
2.7132	74.7756	81.8826	780.907	937.363	-0.78888	5.77156	45.3074	-0.013438
2.7142	74.2292	81.7458	781.136	937.227	-0.78888	5.77219	45.5047	-0.01375
2.7162	74.7756	82.0193	780.907	937.363	-0.768299	5.77344	45.3587	-0.012813
2.7162	75.0488	81.7458	780.879	936.968	-0.80706	5.77437	44.8833	-0.015838
2.7172	74.5024	81.8826	781.022	936.544	-0.770375	5.77812	45.2087	-0.013125
2.7182	74.7756	81.8091	781.136	937.363	-0.737767	5.78094	45.8008	-0.011563
2.7192	74.5024	81.3356	780.879	937.363	-0.741843	5.78219	45.258	-0.011563
2.7202	74.639	81.8826	781.364	937.773	-0.745919	5.78908	45.3587	-0.012188
2.7212	74.7756	81.7458	780.793	936.817	-0.745919	5.78594	45.1593	-0.011563
2.7222	74.639	82.0193	780.45	937.09	-0.733891	5.78687	45.0806	-0.013438
2.7232	74.639	81.8826	780.222	937.363	-0.754071	5.78969	45.0806	-0.012813
2.7242	74.7756	81.8091	780.879	937.91	-0.733891	5.78969	44.9126	-0.011875
2.7252	74.7756	81.7458	780.222	936.729	-0.725539	5.77944	44.9819	-0.011875
2.7262	74.9122	81.7458	781.022	936.458	-0.733891	5.75219	44.6859	-0.012813
2.7272	74.7756	81.1989	780.45	936.271	-0.790756	5.73031	44.3898	-0.01375
2.7282	74.7756	81.8826	780.585	937.637	-0.725539	5.71219	44.3898	-0.014688
2.7292	74.7756	81.8826	781.136	936.319	-0.737767	5.78281	44.9126	-0.012813
2.7302	74.5024	81.8826	781.022	939.002	-0.725539	5.80125	44.5178	-0.012813
2.7312	74.3858	81.8826	781.022	939.276	-0.721463	5.78719	44.5178	-0.012188
2.7322	74.639	81.8826	781.25	938.866	-0.737767	5.78969	44.3898	-0.012188
2.7332	73.956	81.8826	781.593	939.002	-0.697006	5.78781	44.2711	-0.01125
2.7342	74.5024	81.8091	780.907	939.549	-0.71331	5.78887	44.2711	-0.012188
2.7352	74.639	81.3356	781.25	939.549	-0.705158	5.78582	43.9751	-0.010625
2.7362	74.7756	81.3356	780.879	940.095	-0.721463	5.78437	43.9751	-0.011875
2.7372	74.5024	82.1561	780.222	939.002	-0.697006	5.78219	44.1231	-0.010313
2.7382	74.5024	82.0193	780.222	937.09	-0.770375	5.77594	43.879	-0.014063
2.7392	74.639	81.7458	780.222	939.549	-0.705158	5.77781	43.8784	-0.014063
2.7402	74.639	81.7458	780.907	940.232	-0.688654	5.78187	44.1724	-0.012188
2.7412	74.5024	81.8826	780.585	940.095	-0.705158	5.77812	43.7777	-0.014063
2.7422	74.7756	81.0822	780.879	940.641	-0.69293	5.78187	43.9257	-0.014688
2.7432	74.0826	82.0193	780.879	940.505	-0.678828	5.78219	43.879	-0.013125
2.7442	74.7756	81.3356	780.585	940.505	-0.688474	5.78219	43.5803	-0.01375
2.7452	74.7756	81.8826	780.907	940.841	-0.67255	5.78531	43.879	-0.013125
2.7462	74.7756	81.7458	780.45	941.597	-0.684388	5.78719	43.4816	-0.014063
2.7472	75.1854	82.0193	781.136	940.641	-0.67255	5.78813	43.879	-0.012188
2.7482	74.7756	81.8826	780.222	940.815	-0.67255	5.78844	43.4816	-0.012188
2.7492	75.0488	81.7458	781.022	940.388	-0.67255	5.78969	43.1362	-0.011563
2.7502	75.3221	81.7458	779.765	939.858	-0.658246	5.79344	43.1655	-0.014688
2.7512	74.639	81.8826	781.136	940.815	-0.638941	5.79531	43.879	-0.011875
2.7522	74.7756	82.0193	780.222	941.188	-0.644017	5.78844	43.2842	-0.011875
2.7532	75.1854	81.8091	780.585	940.388	-0.631789	5.78719	42.9862	-0.012813
2.7542	74.639	82.1561	780.222	940.815	-0.638941	5.74344	42.9862	-0.013438
2.7552	74.7756	82.0193	780.879	940.778	-0.644017	5.72469	42.7908	-0.015

2.7662	74.639	82.0193	780.222	940.778	-0.611409	5.76408	42.8896	-0.011563
2.7672	75.3221	81.8828	780.222	941.481	-0.639941	5.80344	42.5934	-0.013125
2.7582	75.0488	81.8828	780.679	942.417	-0.599181	5.78869	42.4947	-0.013438
2.7582	74.7756	81.8091	780.679	941.188	-0.619561	5.79344	42.4947	-0.012188
2.7802	75.0488	81.4724	780.679	940.841	-0.623637	5.78869	42.396	-0.013438
2.7612	74.9122	81.8091	780.222	941.188	-0.611409	5.79031	42.1	-0.015313
2.7622	75.1854	81.8091	780.222	941.481	-0.591029	5.79031	42.4947	-0.014063
2.7632	75.3221	82.0193	780.222	941.481	-0.574724	5.78875	42.1986	-0.015313
2.7642	74.7756	81.8828	780.679	942.007	-0.542116	5.79063	42.1986	-0.011563
2.7652	74.2292	81.8828	780.336	941.061	-0.550268	5.78825	41.8532	-0.012813
2.7662	74.639	82.2928	780.222	941.188	-0.525612	5.78469	42.0013	-0.012813
2.7672	74.9122	82.1561	780.222	941.461	-0.525612	5.78594	41.8039	-0.012813
2.7682	74.7756	81.8828	779.879	941.481	-0.533964	5.78469	42.0013	-0.011563
2.7692	74.7756	82.1561	780.907	942.554	-0.497279	5.78844	41.6559	-0.013438
2.7702	74.7756	81.8828	780.222	940.915	-0.513584	5.78656	41.7052	-0.012188
2.7712	74.7756	81.7458	781.593	941.481	-0.480975	5.78781	41.7052	-0.010313
2.7722	74.7756	81.8828	780.45	941.188	-0.480595	5.78844	41.2611	-0.014063
2.7732	74.7756	81.8828	779.994	940.915	-0.452443	5.78906	41.8039	-0.011875
2.7742	74.7756	81.8828	780.222	942.007	-0.462443	5.78906	41.2117	-0.0125
2.7752	75.0488	81.8091	779.994	941.481	-0.411682	5.7926	41.2117	-0.012188
2.7762	74.639	81.8828	779.994	942.29	-0.40363	5.79906	41.0144	-0.0125
2.7772	74.7756	81.8828	780.679	941.461	-0.399454	5.79719	41.1131	-0.012188
2.7782	75.1854	81.7458	780.222	941.597	-0.370921	5.79875	40.817	-0.012813
2.7792	74.7756	82.1561	780.45	942.28	-0.346485	5.78469	40.6196	-0.011563
2.7802	75.0488	81.0622	779.765	941.597	-0.382789	5.75909	40.817	-0.013438
2.7812	74.7756	82.1561	780.907	941.324	-0.346485	5.73909	40.6196	-0.01375
2.7822	74.7756	81.8091	781.821	942.007	-0.313857	5.73031	40.2249	-0.010625
2.7832	74.0926	81.8828	779.651	941.324	-0.313857	5.78187	40.1262	-0.012813
2.7842	75.1854	81.8828	780.679	941.734	-0.281248	5.81156	40.3729	-0.013125
2.7852	74.7756	82.2928	780.585	941.734	-0.240488	5.80219	39.9781	-0.011875
2.7862	74.7756	82.1561	780.108	942.144	-0.232335	5.80856	39.7808	-0.013125
2.7872	74.9122	81.7458	780.907	941.734	-0.207879	5.79989	39.8301	-0.013438
2.7882	74.9122	82.1561	780.222	941.734	-0.187499	5.80094	39.8301	-0.012188
2.7892	75.3221	81.7458	780.222	941.481	-0.187499	5.79906	39.5834	-0.01125
2.7902	74.7756	82.1561	780.45	941.461	-0.181575	5.79856	39.534	-0.012813
2.7912	74.9122	82.0193	780.222	942.554	-0.15469	5.79856	39.534	-0.013438
2.7922	74.9122	81.8828	780.585	941.597	-0.148738	5.79594	39.238	-0.01375
2.7932	74.639	81.8828	780.907	941.734	-0.118206	5.79219	39.238	-0.011563
2.7942	75.1854	81.7458	779.537	940.841	-0.110064	5.79063	39.0408	-0.012813
2.7952	74.9122	81.8828	780.222	942.144	-0.081521	5.79469	39.386	-0.013125
2.7962	74.7756	82.4295	779.994	942.007	-0.101902	5.79531	38.9419	-0.012813
2.7972	75.1854	81.8828	780.108	941.188	-0.069293	5.79344	38.7445	-0.012188
2.7982	74.7756	81.3356	780.222	941.734	-0.040761	5.79594	38.8432	-0.012813
2.7992	74.7756	82.0193	780.222	941.734	-0.032809	5.79594	38.7939	-0.012188
2.8002	75.3221	81.8828	779.879	941.734	-0.036885	5.79719	38.6458	-0.012188
2.8012	74.7756	81.8091	780.108	941.734	-0.02038	5.79669	38.5965	-0.013438
2.8022	75.3221	81.8828	780.222	943.1	-0.004076	5.80219	38.5965	-0.012813
2.8032	74.7756	82.1561	779.994	941.188	-0.004076	5.79969	38.5965	-0.012188
2.8042	75.0488	81.8828	780.222	942.007	-0.004076	5.80156	38.3499	-0.011875
2.8052	74.9122	82.2928	779.422	941.481	-0.02038	5.79612	38.3499	-0.014063
2.8062	74.7756	81.7458	779.994	942.007	-0.004076	5.77875	38.9419	-0.011875
2.8072	75.3221	81.7458	779.765	941.597	0.028532	5.75812	38.2511	-0.0125

2.8082	75.1854	81.8081	779.537	941.734	-0.004076	5.74084	38.2017	-0.012813
2.8092	74.7756	81.8081	779.308	942.144	-0.004076	5.73489	38.0537	-0.010638
2.8102	74.9122	81.3356	780.108	942.28	0.02036	5.80719	38.3004	-0.012813
2.8112	75.0488	81.8826	780.222	942.417	0.038885	5.80582	38.2017	-0.011563
2.8122	74.7756	81.1989	779.194	941.188	-0.012228	5.80281	38.1524	-0.010825
2.8132	74.7756	82.1581	779.537	941.734	-0.004076	5.79906	38.1524	-0.013125
2.8142	75.3221	81.8826	779.785	941.481	-0.004076	5.80094	38.103	-0.011875
2.8152	75.0488	81.8826	780.907	941.734	0.024456	5.79938	38.2017	-0.009888
2.8162	74.7756	81.8826	779.08	941.734	-0.004076	5.79719	38.0537	-0.013438
2.8172	75.3221	81.8826	779.194	941.734	-0.004076	5.79838	38.0537	-0.011563
2.8182	74.3858	82.0193	779.879	942.564	0.028532	5.79908	38.2511	-0.011563
2.8192	75.0488	81.8826	779.308	942.144	0.028532	5.79489	37.955	-0.010838
2.8202	75.0488	81.8826	779.785	941.734	-0.004076	5.79489	38.0537	-0.012813
2.8212	75.3221	81.7458	779.308	941.734	-0.004076	5.79489	38.1524	-0.013125
2.8222	75.0488	81.7458	779.785	942.007	0.044837	5.79781	38.2511	-0.011875
2.8232	74.7756	82.0193	779.308	942.28	-0.004076	5.79489	37.955	-0.012813
2.8242	75.0488	81.8826	778.986	943.236	-0.004076	5.79658	38.103	-0.0125
2.8252	74.2292	82.1581	779.08	941.734	-0.012228	5.79938	37.807	-0.012188
2.8262	74.839	81.8826	778.986	942.007	-0.02038	5.79812	37.955	-0.010625
2.8272	74.7756	81.8091	778.851	940.915	-0.004076	5.79969	38.0537	-0.014375
2.8282	74.7756	81.7458	778.395	941.188	-0.004076	5.80219	38.6952	-0.013438
2.8292	75.0488	82.1581	778.851	941.188	-0.004076	5.80344	37.955	-0.012813
2.8302	74.7756	81.8826	778.851	942.827	0.024456	5.80719	38.1524	-0.012188
2.8312	74.5024	81.8826	779.08	942.417	-0.004076	5.80869	38.0537	-0.014063
2.8322	75.0488	81.7458	779.08	941.188	-0.004076	5.80187	38.103	-0.012813
2.8332	74.9122	81.7458	778.623	941.461	-0.004076	5.77836	38.0537	-0.012188
2.8342	75.0488	81.8826	778.851	941.188	-0.004076	5.75812	38.0537	-0.011563
2.8352	74.9122	81.8091	778.623	942.28	-0.004076	5.73937	37.955	-0.013125
2.8362	74.7756	82.2928	778.186	941.051	-0.012228	5.77858	38.0043	-0.011563
2.8372	75.3221	81.7458	778.851	941.461	-0.004076	5.81844	38.0537	-0.012188
2.8382	74.7756	81.8826	778.851	941.324	-0.004076	5.80344	37.955	-0.012813
2.8392	74.7756	81.1989	778.395	941.461	-0.004076	5.80719	37.807	-0.011563
2.8402	75.0488	81.3356	778.623	941.461	0.024456	5.80719	37.8563	-0.011563
2.8412	75.3221	81.7458	778.052	941.461	0.028532	5.80489	37.8563	-0.012188
2.8422	74.9122	81.8826	778.186	941.587	-0.004076	5.80219	37.8563	-0.012188
2.8432	75.0488	82.1581	778.186	942.007	0.028532	5.80344	37.6096	-0.012813
2.8442	74.7756	81.8826	777.709	941.324	0.044837	5.80344	37.8563	-0.012813
2.8452	74.9122	82.0193	778.186	941.461	-0.004076	5.79719	37.5602	-0.011875
2.8462	75.1854	81.8826	778.395	942.007	0.024456	5.79781	37.4615	-0.013438
2.8472	75.1854	81.8826	777.938	941.188	-0.004076	5.79906	37.4122	-0.013438
2.84821	74.7756	82.0193	778.737	941.734	0.028532	5.79969	37.4615	-0.010938
2.84921	75.0488	82.4295	777.367	940.778	-0.004076	5.80312	37.1655	-0.013125
2.85021	75.0488	81.8091	777.481	941.188	-0.004076	5.80489	37.5602	-0.012188
2.85121	75.1854	81.4724	777.481	941.188	-0.004076	5.80489	37.1655	-0.012188
2.85221	74.7756	81.4724	777.481	941.188	-0.004076	5.80582	37.3829	-0.011875
2.85321	75.1854	81.8826	777.481	940.916	0.024456	5.80719	37.3829	-0.014063
2.85421	75.0488	81.8826	777.367	941.051	-0.004076	5.80719	37.0668	-0.013125
2.85521	75.0488	81.8826	777.481	940.368	0.051141	5.80969	37.0668	-0.013438
2.85621	74.5024	82.1581	776.91	940.641	-0.004076	5.80906	38.8894	-0.012188
2.85721	75.0488	82.0193	777.481	941.188	-0.004076	5.81094	38.7707	-0.012813
2.85821	75.0488	81.8826	777.024	940.915	-0.004076	5.80856	37.0174	-0.012813
2.85921	74.9122	82.0193	777.138	940.368	-0.004076	5.78944	37.0174	-0.011875

2.86021	75.0488	81.8091	776.587	940.388	-0.004076	5.78531	36.672	-0.014888
2.86121	75.0488	82.0193	776.795	940.915	-0.004076	5.74594	36.8894	-0.014063
2.86221	74.7758	82.0193	776.587	940.232	0.028532	5.75158	36.8201	-0.012813
2.86321	75.0488	82.0193	776.453	940.086	-0.004076	5.82219	36.672	-0.015313
2.86421	74.9122	81.8828	776.587	940.086	-0.004076	5.81219	36.672	-0.011876
2.86521	75.0488	82.1561	776.453	939.958	-0.004076	5.81408	36.7707	-0.012188
2.86621	74.7758	81.8828	776.882	940.641	0.036685	5.81408	36.4747	-0.012813
2.86721	74.7758	82.1561	775.882	940.095	0.02038	5.80989	36.5733	-0.010625
2.86821	75.1854	81.8091	775.853	940.915	-0.004076	5.80908	36.3286	-0.011875
2.86921	75.1854	81.3358	775.882	939.549	-0.004076	5.80719	36.3286	-0.013125
2.87021	75.0488	81.7458	775.882	940.095	-0.004076	5.80489	36.4747	-0.011875
2.87121	75.0488	81.8828	776.11	940.388	-0.004076	5.80219	36.2279	-0.014375
2.87221	74.7758	82.0193	775.198	939.278	-0.004076	5.80375	36.2773	-0.013125
2.87321	75.0488	81.8828	775.198	939.278	-0.004076	5.80408	36.872	-0.012188
2.87421	75.0488	82.1561	775.853	939.278	-0.004076	5.80281	36.2279	-0.0125
2.87521	74.7758	81.8828	775.539	938.886	0.02038	5.80594	36.8825	-0.013125
2.87621	74.7758	82.1561	775.198	939.002	0.036685	5.80594	36.9812	-0.012813
2.87721	75.0488	81.7458	775.425	938.729	0.061141	5.80719	36.9812	-0.013125
2.87821	74.7758	82.1561	774.511	938.458	-0.004076	5.80781	35.8332	-0.013438
2.87921	75.1854	81.7458	775.198	938.458	-0.004076	5.80989	35.8851	-0.012813
2.88021	75.1854	81.8828	774.511	938.458	-0.004076	5.80937	35.8825	-0.013438
2.88121	75.1854	81.7458	775.425	937.227	-0.004076	5.80989	35.5885	-0.010313
2.88221	75.1854	81.8828	774.397	937.91	-0.004076	5.81344	35.4878	-0.01375
2.88321	75.1854	82.1561	774.397	936.817	0.02038	5.81312	35.5885	-0.011875
2.88421	74.9122	81.7458	774.054	937.363	-0.004076	5.81158	35.4878	-0.011563
2.88521	75.0488	81.4724	774.511	936.544	-0.004076	5.79281	35.4384	-0.013438
2.88621	75.3221	81.8091	774.188	936.544	-0.004076	5.77489	35.8851	-0.01125
2.88721	75.1854	82.0193	773.828	936.134	-0.004076	5.75219	35.241	-0.012188
2.88821	74.639	82.4295	773.828	935.724	0.067085	5.74844	35.2904	-0.01125
2.88921	75.1854	81.7458	773.483	935.724	-0.004076	5.81844	35.2904	-0.014063
2.89021	74.9122	81.8828	774.168	935.178	-0.004076	5.81375	35.093	-0.012188
2.89121	74.9122	81.7458	773.141	934.495	-0.008152	5.81531	35.0437	-0.0125
2.89221	75.0488	81.1989	773.712	934.359	-0.004076	5.81408	35.093	-0.011563
2.89321	74.7758	81.7458	773.597	933.286	-0.004076	5.81219	34.7989	-0.012813
2.89421	74.5024	82.1561	772.912	932.993	0.02038	5.81219	35.4384	-0.013125
2.89521	74.7758	81.7458	772.912	932.993	-0.004076	5.81187	34.8958	-0.014375
2.89621	75.3221	81.7458	772.912	932.448	-0.004076	5.81158	34.5985	-0.01375
2.89721	75.0488	81.4724	772.798	932.173	0.02038	5.80989	34.6982	-0.012188
2.89821	75.1854	81.8091	772.455	930.807	0.02038	5.80719	34.7476	-0.0125
2.89921	75.1854	81.7458	772.341	930.807	0.036685	5.80781	34.5502	-0.012188
2.90021	75.0488	82.2928	771.998	930.871	-0.004076	5.80594	34.6982	-0.011563
2.90121	74.9122	81.8828	771.998	930.281	-0.004076	5.80989	34.6982	-0.010938
2.90221	74.7758	81.8828	771.77	929.442	-0.004076	5.80813	34.5989	-0.013438
2.90321	75.0488	81.8091	772.113	928.486	-0.004076	5.80875	34.8483	-0.012813
2.90421	75.0488	81.8091	770.828	928.983	-0.032809	5.80875	34.1081	-0.014063
2.90521	75.3221	81.8091	771.085	928.983	0.024458	5.81187	34.3035	-0.014888
2.90621	74.7758	81.8828	771.858	928.437	-0.004076	5.81281	34.8958	-0.011563
2.90721	74.9122	81.8091	770.97	925.208	-0.004076	5.81437	34.5009	-0.013125
2.90821	74.7758	82.4295	771.085	925.481	0.024458	5.81719	34.4515	-0.012813
2.90921	75.1854	82.0193	771.085	924.388	0.02038	5.81781	34.2541	-0.012188
2.91021	75.1854	81.8091	770.399	923.589	0.028532	5.81844	34.3035	-0.011563
2.91121	74.9122	82.1561	770.828	922.888	-0.004076	5.80219	33.9087	-0.011563

2.91221	75.1854	81.7468	770.171	922.068	-0.004076	5.77844	34.0568	-0.011875
2.91321	75.0488	82.1561	770.856	921.52	-0.004076	5.76281	34.2048	-0.012188
2.91421	74.7758	81.7468	770.856	920.7	-0.004076	5.74969	33.81	-0.010825
2.91521	74.7758	81.8828	769.714	919.608	-0.004076	5.81219	33.682	-0.014063
2.91621	74.9122	82.1561	769.257	917.989	-0.004076	5.82344	33.8584	-0.01375
2.91721	75.1854	81.8828	770.171	917.898	-0.004076	5.81806	34.2048	-0.012813
2.91821	75.0488	81.3358	769.714	917.559	0.028532	5.82219	33.9087	-0.01125
2.91921	74.9122	81.6091	769.486	918.33	0.02038	5.82281	33.9087	-0.011875
2.92021	74.7758	81.6091	769.257	915.51	0.02038	5.81908	33.514	-0.010825
2.92121	74.9122	82.0193	769.029	914.418	0.044837	5.81656	33.8584	-0.013438
2.92221	75.1854	81.6091	769.257	913.325	-0.004076	5.81437	33.81	-0.013126
2.92321	74.9122	82.4285	768.343	912.642	-0.004076	5.81375	33.7607	-0.011583
2.92421	75.4587	81.8828	768.686	911.003	0.02038	5.80969	33.514	-0.012188
2.92521	74.5024	82.1561	768.115	910.866	-0.004076	5.80969	33.6127	-0.01375
2.92621	75.5953	82.1561	767.43	908.271	-0.040761	5.81094	33.3166	-0.015313
2.92721	75.0488	81.6091	767.888	908.408	-0.004076	5.81469	33.4646	-0.012813
2.92821	75.0488	81.7458	767.43	908.954	-0.004076	5.81344	33.81	-0.012813
2.92921	75.0488	82.1561	769.115	907.689	0.02038	5.81531	33.4153	-0.013126
2.93021	75.0488	81.1989	767.658	906.789	-0.004076	5.82094	33.514	-0.012813
2.93121	75.0488	82.0193	767.43	906.876	0.02038	5.81969	33.6127	-0.012188
2.93221	74.839	81.8828	767.316	906.287	-0.004076	5.82281	33.4646	-0.01125
2.93321	75.3221	82.0193	766.744	904.584	-0.004076	5.82094	33.5833	-0.012813
2.93421	74.9122	81.7458	767.201	904.037	-0.004076	5.82219	33.514	-0.012813
2.93521	75.0488	81.6091	767.201	903.901	-0.004076	5.82719	33.514	-0.012188
2.93621	75.1854	81.7458	768.287	902.398	-0.004076	5.82719	33.514	-0.011583
2.93721	75.1854	81.8828	768.859	901.033	-0.039885	5.80844	32.8232	-0.014688
2.93821	75.0488	82.0193	768.287	900.219	-0.004076	5.78594	33.4646	-0.014375
2.93921	74.7758	81.8828	768.059	900.219	-0.004076	5.78781	33.81	-0.011583
2.94021	75.4587	81.8828	765.716	898.984	0.02038	5.75889	33.3859	-0.011875
2.94121	75.0488	81.3358	768.287	898.028	-0.004076	5.83158	33.7607	-0.012188
2.94221	75.1854	81.3358	768.516	898.438	-0.004076	5.82781	33.514	-0.012813
2.94321	75.1854	81.7458	765.831	896.935	0.052889	5.82856	33.3859	-0.011875
2.94421	75.5863	81.8828	765.145	896.389	-0.004076	5.82437	33.514	-0.012188
2.94521	75.1854	81.3358	765.259	896.116	-0.004076	5.82781	33.3859	-0.011583
2.94621	74.9122	81.8828	764.917	894.75	-0.004076	5.82344	33.514	-0.011583
2.94721	75.1854	82.0193	765.031	893.247	-0.004076	5.82062	33.514	-0.013438
2.94821	75.3221	81.6091	763.775	892.018	-0.028532	5.82156	33.0899	-0.015938
2.94921	74.7758	81.4724	765.031	892.564	0.028532	5.81989	33.514	-0.013125
2.95021	74.9122	81.8828	764.232	891.199	-0.004076	5.8175	33.9087	-0.011583
2.95121	75.0488	81.8828	763.775	891.882	0.028532	5.82094	33.4646	-0.0125
2.95221	75.3221	81.8828	763.775	890.852	0.024456	5.81812	33.514	-0.011583
2.95321	74.9122	81.8828	763.318	889.286	-0.012228	5.81719	33.514	-0.012188
2.95421	75.0488	81.6091	763.775	889.286	-0.004076	5.81844	33.514	-0.013438
2.95521	75.0488	82.1561	763.432	887.648	-0.012228	5.82094	33.514	-0.012188
2.95621	75.5953	81.8828	763.775	887.784	-0.004076	5.81989	33.514	-0.012813
2.95721	74.7758	81.7458	762.861	886.282	0.02038	5.82156	33.682	-0.012813
2.95821	75.1854	81.8828	762.861	885.189	-0.004076	5.82375	33.514	-0.013125
2.95921	75.0488	81.1989	763.089	883.687	-0.036885	5.82219	33.0205	-0.015313
2.96021	75.0488	81.8828	762.404	884.37	-0.004076	5.82908	33.4153	-0.014688
2.96121	75.0488	81.4724	763.089	883.277	-0.004076	5.83158	34.0568	-0.013125
2.96221	75.1854	81.7458	762.747	882.594	-0.004076	5.82844	33.4153	-0.014688
2.96321	75.3221	81.4724	762.28	882.731	0.028532	5.80844	33.514	-0.012188

2.96421	75.5953	81.7458	762.29	881.228	0.024456	5.78825	33.514	-0.012813
2.96521	75.0488	81.4724	762.861	880.818	0.024456	5.78531	33.4848	-0.012188
2.96621	75.5953	82.1561	761.947	879.989	-0.004076	5.78582	33.4153	-0.013125
2.96721	75.0488	81.6081	761.49	879.989	-0.004076	5.84812	33.514	-0.012188
2.96821	74.7758	81.8828	761.49	878.633	-0.004076	5.83084	33.2673	-0.011583
2.96921	74.639	82.1561	761.376	877.64	-0.004076	5.83531	33.2673	-0.012813
2.97021	75.0488	82.2828	761.947	876.894	-0.004076	5.83312	33.1888	-0.010825
2.97121	75.1854	81.6081	761.033	876.448	-0.004076	5.82989	33.514	-0.015313
2.97221	75.0488	81.7458	761.49	876.038	0.02038	5.82837	34.2048	-0.0125
2.97321	75.3221	81.7458	760.805	875.828	-0.004076	5.83084	33.81	-0.01125
2.97421	75.0488	81.7458	760.891	875.082	0.02038	5.82989	33.514	-0.012813
2.97521	75.3221	81.8828	760.12	873.989	-0.004076	5.82489	33.3168	-0.012813
2.97621	75.1854	81.8828	760.805	873.989	0.02038	5.82687	33.81	-0.0125
2.97721	75.5953	82.1561	760.12	873.58	-0.004076	5.82281	33.514	-0.011875
2.97821	75.7319	82.1561	760.12	872.487	-0.004076	5.82408	33.7114	-0.012813
2.97921	75.5953	81.8828	759.777	873.989	-0.004076	5.82887	33.882	-0.012188
2.98021	74.9122	82.2828	760.005	871.531	-0.004076	5.82584	33.81	-0.012188
2.98121	75.1854	81.7458	759.777	871.384	-0.004076	5.82489	33.514	-0.010838
2.98221	75.3221	82.0193	759.434	871.121	-0.004076	5.82908	33.7114	-0.01375
2.98321	75.0488	81.8828	759.883	870.984	-0.004076	5.82837	34.3035	-0.012813
2.98421	74.7758	82.2828	759.549	870.575	0.02038	5.83219	33.514	-0.0125
2.98521	74.7758	82.0193	759.434	870.185	-0.004076	5.83781	33.9087	-0.012188
2.98622	74.7758	81.8828	759.549	870.185	-0.004076	5.83781	33.81	-0.012188
2.98722	74.7758	82.1561	759.32	869.345	0.024456	5.83408	34.0074	-0.011875
2.98822	75.4587	81.8828	759.082	869.482	0.028532	5.81812	33.9087	-0.012188
2.98922	75.5953	81.8828	758.835	869.208	-0.004076	5.79658	34.0688	-0.012813
2.99022	74.5024	82.4295	759.082	868.526	-0.004076	5.77812	33.9087	-0.013125
2.99122	75.0488	81.4724	758.521	868.253	-0.004076	5.76719	33.7114	-0.013438
2.99222	74.9122	81.6081	758.883	867.708	0.02038	5.83594	34.1081	-0.010313
2.99322	75.0488	81.8828	757.378	867.433	-0.004076	5.84158	33.7607	-0.014375
2.99422	75.3221	81.6081	758.178	867.433	-0.004076	5.83889	34.0074	-0.012813
2.99522	75.0488	81.3356	758.282	866.75	-0.004076	5.83889	33.9581	-0.010313
2.99622	75.4587	81.7458	757.85	867.708	-0.004076	5.83858	33.81	-0.013438
2.99722	75.3221	81.8828	758.064	866.887	0.028532	5.83812	33.7607	-0.013125
2.99822	74.7758	82.1561	757.835	866.088	-0.004076	5.83594	33.9087	-0.013125
2.99922	75.4587	81.7458	757.835	865.794	0.038885	5.83344	34.0074	-0.011875
3.00022	74.9122	81.8828	757.807	866.088	-0.004076	5.83281	33.8127	-0.011875
3.00122	75.3221	81.8828	758.922	867.18	-0.004076	5.83158	34.3035	-0.010625
3.00222	75.5953	82.1561	757.378	864.975	-0.004076	5.82989	33.8594	-0.011583
3.00322	74.639	82.1561	757.835	864.702	-0.004076	5.83187	34.2048	-0.010838
3.00422	75.1854	81.8828	758.922	865.658	-0.004076	5.83219	33.81	-0.015313
3.00522	74.7758	82.2828	757.15	864.975	-0.004076	5.83219	34.5009	-0.011875
3.00622	75.1854	81.7458	758.807	864.585	-0.004076	5.83158	34.2048	-0.011875
3.00722	75.3221	81.8828	757.284	864.702	-0.004076	5.83582	34.2048	-0.012813
3.00822	75.3221	81.6081	758.485	864.429	-0.004076	5.83687	34.1555	-0.014083
3.00922	75.0488	81.3356	757.378	864.702	0.028532	5.83591	34.0688	-0.011583
3.01022	74.639	82.4295	758.485	864.282	-0.004076	5.83781	34.2048	-0.012813
3.01122	75.3221	82.0193	758.485	864.975	-0.004076	5.83908	34.0074	-0.0125
3.01222	75.0488	81.8828	758.893	864.975	0.028532	5.84125	34.2048	-0.012188
3.01322	75.0488	81.7458	758.008	864.155	0.02038	5.83158	34.3035	-0.012813
3.01422	75.5953	81.8828	757.284	863.882	0.028532	5.80856	34.3035	-0.009063
3.01522	75.0488	82.4295	758.893	863.338	-0.004076	5.78856	34.3035	-0.012813

3.01622	75.1854	82.4295	756.683	863.336	-0.004076	5.77281	34.6982	-0.01125
3.01722	75.4567	81.8826	756.236	863.608	-0.004076	5.81094	34.2048	-0.01125
3.01822	75.3221	81.8826	756.35	863.063	0.024458	5.85594	34.1081	-0.013438
3.01922	74.5024	82.1561	756.008	863.472	-0.004076	5.8425	34.5009	-0.011563
3.02022	75.0488	81.4724	756.35	864.165	0.024458	5.84281	34.5009	-0.011563
3.02122	75.1854	81.6091	755.685	863.063	0.052989	5.83938	34.4022	-0.012813
3.02222	75.0488	81.6091	755.685	863.336	-0.004076	5.84094	34.4022	-0.013125
3.02322	75.0488	81.8826	755.551	863.748	-0.004076	5.83781	34.3035	-0.0125
3.02422	75.1854	81.8826	754.637	862.243	-0.004076	5.83687	34.5502	-0.012813
3.02522	75.0488	81.6091	756.008	862.79	-0.008152	5.83594	34.6489	-0.010313
3.02622	74.9122	81.3358	755.779	863.608	-0.004076	5.83437	34.6982	-0.013438
3.02722	75.3221	81.7458	755.094	863.608	-0.004076	5.83312	34.8463	-0.012813
3.02822	75.0488	81.7458	754.98	863.336	-0.004076	5.83437	34.8463	-0.014063
3.02922	75.8685	82.1561	754.98	863.336	-0.004076	5.83844	34.5502	-0.012188
3.03022	74.7758	81.7458	755.323	863.063	-0.004076	5.83344	34.8843	-0.011563
3.03122	74.5024	81.8826	755.437	863.063	-0.004076	5.83625	34.7989	-0.014063
3.03222	75.1854	81.8826	755.094	862.79	0.036685	5.8375	34.8463	-0.012813
3.03322	75.1854	81.8826	754.98	862.79	-0.004076	5.83719	34.6982	-0.010838
3.03422	75.5953	81.8826	754.98	863.608	-0.004076	5.84156	34.7989	-0.012188
3.03522	75.3221	81.7458	754.409	861.97	-0.016304	5.84406	34.8463	-0.012188
3.03622	75.1854	81.7458	755.437	863.063	-0.004076	5.84312	34.8858	-0.010313
3.03722	75.4567	81.7458	754.409	862.38	-0.004076	5.84406	34.7989	-0.014063
3.03822	74.9122	82.0193	754.637	861.97	-0.004076	5.84489	35.5371	-0.012813
3.03922	75.1854	81.8826	754.637	862.243	-0.004076	5.82219	35.2904	-0.010838
3.04022	75.4567	81.7458	754.637	862.79	0.024458	5.80219	35.0437	-0.012813
3.04122	75.0488	82.1561	754.98	863.063	-0.004076	5.78594	35.093	-0.012188
3.04222	75.0488	82.1561	754.409	862.243	-0.004076	5.79094	35.4384	-0.011563
3.04322	75.4567	81.6091	754.523	862.79	-0.004076	5.86094	35.093	-0.012813
3.04422	74.9122	81.7458	754.523	862.926	-0.004076	5.84582	35.1917	-0.011875
3.04522	75.0488	81.6091	754.18	864.429	-0.004076	5.84906	35.093	-0.011563
3.04622	75.0488	81.8826	754.295	862.243	-0.004076	5.84719	35.1917	-0.013125
3.04722	74.7758	81.8826	754.18	862.653	-0.004076	5.84858	35.093	-0.012813
3.04822	75.3221	82.2928	754.868	862.516	-0.012228	5.84344	35.3891	-0.011875
3.04922	74.639	81.8826	754.98	862.243	-0.004076	5.84489	35.8825	-0.011875
3.05022	75.0488	81.3358	754.637	862.79	-0.004076	5.84531	35.3891	-0.013438
3.05122	75.4567	81.8826	753.952	862.926	-0.004076	5.83988	35.5371	-0.013438
3.05222	75.0488	82.4295	754.18	863.063	0.028532	5.83938	35.1917	-0.011563
3.05322	74.5024	82.1561	754.068	862.516	-0.004076	5.83781	35.3397	-0.011563
3.05422	75.0488	82.0193	754.409	862.516	0.036685	5.83975	35.093	-0.012813
3.05522	75.3221	81.7458	753.723	863.063	-0.004076	5.83719	35.4879	-0.012188
3.05622	75.3221	81.8826	754.295	863.063	-0.004076	5.84344	35.6358	-0.013438
3.05722	75.0488	81.7458	754.068	861.97	0.028532	5.84219	35.5865	-0.012188
3.05822	74.7758	81.7458	754.409	862.516	-0.004076	5.84125	35.1917	-0.009063
3.05922	75.5953	82.1561	753.495	862.79	-0.004076	5.84489	35.7345	-0.013125
3.06022	75.4567	81.7458	753.723	862.243	-0.004076	5.84489	35.6851	-0.012813
3.06122	75.0488	81.7458	753.723	863.063	0.02038	5.84958	35.5865	-0.011563
3.06222	74.7758	81.3358	753.495	863.063	0.02038	5.84968	35.6358	-0.012188
3.06322	75.0488	81.7458	753.723	863.063	-0.008152	5.84968	35.7345	-0.01125
3.06422	75.0488	81.8826	753.723	862.926	-0.004076	5.82989	35.6358	-0.013125
3.06522	75.0488	81.7458	753.609	863.063	0.044837	5.81063	35.7838	-0.011563
3.06622	75.0488	81.7458	753.609	863.063	-0.024458	5.79063	35.7345	-0.011563
3.06722	75.3221	81.6091	753.152	863.472	0.02038	5.78489	35.6851	-0.012188

3.06822	75.0488	82.0193	753.495	883.063	-0.004078	5.85908	35.8825	-0.011875
3.06922	75.0488	81.7458	753.723	882.518	-0.004078	5.85944	35.7345	-0.010313
3.07022	74.7756	81.1989	753.495	883.063	-0.004078	5.85158	35.5371	-0.014083
3.07122	75.0488	81.3356	753.287	882.79	-0.004078	5.85281	36.0308	-0.013438
3.07222	75.0488	81.8828	753.723	883.063	-0.004078	5.85084	35.8851	-0.012813
3.07322	74.7756	81.3356	752.81	883.063	-0.004078	5.84989	35.8851	-0.012813
3.07422	74.7756	82.1561	753.723	883.609	-0.004078	5.85219	35.8332	-0.012188
3.07522	75.1854	82.1561	753.609	883.336	0.024458	5.84719	35.5865	-0.010938
3.07622	75.0488	81.8828	753.495	883.336	0.028532	5.84281	35.7838	-0.011875
3.07722	75.3221	81.8828	753.609	883.063	-0.004078	5.84312	35.8358	-0.012813
3.07822	75.1854	81.4724	753.038	884.702	0.02038	5.84219	35.3891	-0.014063
3.07922	75.3221	81.8091	752.81	883.336	0.028532	5.84437	35.8825	-0.012813
3.08022	75.0488	81.7458	753.723	883.336	-0.004078	5.84825	35.8851	-0.014688
3.08122	75.1854	81.7458	753.287	882.928	-0.004078	5.84594	35.7838	-0.012813
3.08222	75.0488	81.7458	752.487	882.79	-0.004078	5.84631	35.8851	-0.015313
3.08322	75.0488	81.8828	753.287	883.063	-0.004078	5.84844	36.1292	-0.012813
3.08422	75.3221	81.7458	753.287	883.472	-0.008152	5.85125	36.1788	-0.012188
3.08522	75.1854	82.0193	753.723	883.336	0.02038	5.85063	35.8825	-0.012813
3.08622	75.3221	82.0193	753.723	883.063	-0.004078	5.84906	35.8332	-0.012188
3.08722	75.0488	81.8828	753.381	883.063	0.044837	5.85084	35.8825	-0.014063
3.08822	75.3221	81.8828	753.287	883.199	-0.004078	5.84719	35.5865	-0.013438
3.08922	74.839	81.8091	754.068	883.609	-0.004078	5.84437	35.8825	-0.014375
3.09022	75.0488	81.8828	753.723	883.336	-0.012228	5.81406	35.9812	-0.012813
3.09122	75.3221	81.8091	754.18	884.019	-0.004078	5.79437	35.7838	-0.010313
3.09222	75.0488	81.7458	753.952	882.853	-0.004078	5.77938	35.8851	-0.014688
3.09322	75.0488	81.3356	753.287	883.882	-0.004078	5.85989	36.1292	-0.012188
3.09422	75.0488	81.8828	753.287	883.882	-0.004078	5.85718	36.1788	-0.011875
3.09522	75.0488	81.3356	753.495	884.702	0.028532	5.85158	35.8332	-0.012813
3.09622	75.0488	81.7458	753.723	883.746	-0.004078	5.85084	35.8825	-0.013438
3.09722	75.3221	82.0193	753.723	883.609	-0.008152	5.84937	35.8332	-0.012188
3.09822	75.0488	81.8091	753.723	884.975	0.077445	5.84989	35.8332	-0.012813
3.09922	74.7756	82.0193	753.495	884.282	-0.008152	5.84906	35.7838	-0.012188
3.10022	74.8122	81.8091	754.068	884.019	-0.004078	5.84469	36.1788	-0.010625
3.10122	75.1854	82.2928	753.723	883.609	-0.004078	5.84469	36.0308	-0.012813
3.10222	75.5953	82.2928	753.723	884.155	-0.004078	5.84437	35.8825	-0.012813
3.10322	75.0488	81.8828	753.287	883.609	-0.02038	5.84406	35.7838	-0.014375
3.10422	75.0488	81.8828	753.609	884.019	-0.004078	5.84344	35.9812	-0.013125
3.10522	74.5024	81.7458	754.408	884.429	-0.004078	5.84719	35.8332	-0.013125
3.10622	74.7756	82.0193	753.723	884.429	-0.004078	5.84594	35.7838	-0.014375
3.10722	75.0488	82.4295	754.068	883.882	-0.004078	5.84719	35.8332	-0.012813
3.10822	75.3221	81.7458	753.952	884.702	-0.004078	5.84489	35.8825	-0.012188
3.10922	74.5024	82.1561	754.18	884.702	0.024458	5.84719	35.7345	-0.013125
3.11022	75.1854	81.8828	753.723	884.429	-0.004078	5.84594	35.7345	-0.013125
3.11122	74.7756	81.8091	753.723	885.794	-0.004078	5.85158	35.8825	-0.012813
3.11222	75.0488	82.0193	753.838	884.155	-0.004078	5.85219	35.8332	-0.013438
3.11322	75.0488	81.8828	753.609	883.882	-0.004078	5.85125	35.8851	-0.012813
3.11422	75.0488	81.8828	753.952	884.702	-0.004078	5.84469	35.5371	-0.014688
3.11522	75.0488	81.7458	753.723	884.702	-0.004078	5.82281	35.8358	-0.012813
3.11622	75.0488	81.8828	753.495	884.429	-0.004078	5.80219	36.0308	-0.011583
3.11722	75.4587	81.8828	753.495	884.838	-0.004078	5.78719	35.5371	-0.012813
3.11822	75.0488	81.8828	753.723	884.585	-0.004078	5.81219	35.4878	-0.010825
3.11922	75.3221	81.8828	753.723	884.702	-0.004078	5.88489	35.5371	-0.012188

		82.1561	753.952	884.702	0.061141	5.84989	35.4878	-0.011875
		81.7458	753.381	884.565	-0.018304	5.85489	35.5885	-0.012813
		81.3356	753.495	885.794	0.038885	5.85219	35.4384	-0.013438
		81.7458	753.723	884.565	-0.004076	5.85219	35.5371	-0.01375
		81.8826	754.18	884.565	-0.004076	5.85031	35.3891	-0.010825
		81.8826	752.81	883.472	-0.028532	5.84489	35.4878	-0.014375
		82.1561	753.495	884.702	-0.004076	5.84989	35.4878	-0.012813
3.12623	74.7756	81.8091	753.723	885.248	-0.004076	5.84989	35.8825	-0.012188
3.12823	74.7756	81.8091	753.152	884.428	0.028532	5.84908	35.5885	-0.011875
3.12923	75.4587	82.1561	753.723	884.702	-0.004076	5.84937	35.5371	-0.011875
3.13023	75.0488	81.7458	753.723	884.838	-0.004076	5.84937	35.3397	-0.013438
3.13123	75.1854	81.3356	753.723	885.248	0.044837	5.84719	35.5371	-0.011563
3.13223	75.5853	81.8826	753.267	884.428	-0.004076	5.84719	35.4384	-0.013438
3.13323	74.5024	82.0193	753.267	885.111	-0.004076	5.84989	35.3891	-0.012188
3.13423	75.1854	81.8826	754.086	884.838	-0.004076	5.84989	35.5371	-0.011563
3.13523	75.0488	81.8826	753.381	884.702	-0.004076	5.84989	35.241	-0.011563
3.13623	75.1854	81.8826	754.18	884.565	-0.018304	5.85219	34.8943	-0.015825
3.13723	75.1854	81.8826	753.495	885.111	0.024458	5.85219	35.4878	-0.012813
3.13823	75.0488	81.0822	754.086	885.521	0.02038	5.85344	35.3891	-0.013125
3.13923	75.3221	81.8826	752.81	884.975	-0.004076	5.85281	35.1917	-0.015313
3.14023	75.0488	81.8826	754.086	886.068	-0.004076	5.83408	35.3397	-0.014375
3.14123	75.0488	81.8091	753.152	884.428	0.024458	5.80844	35.093	-0.011875
3.14223	75.1854	81.8826	753.952	886.341	0.038885	5.79083	35.241	-0.01125
3.14323	75.4587	82.2928	753.723	885.521	-0.004076	5.78989	34.8956	-0.012813
3.14423	74.3858	81.4724	753.809	886.814	0.02038	5.88469	34.8943	-0.012813
3.14523	75.1854	81.8826	753.723	885.794	-0.004076	5.85584	34.7476	-0.012813
3.14623	74.2292	82.0193	753.723	885.111	-0.004076	5.85856	34.8956	-0.012813
3.14723	75.3221	81.8091	753.267	885.111	-0.008152	5.8525	34.3035	-0.014083
3.14823	74.9122	81.8091	753.952	885.794	-0.004076	5.85584	34.7969	-0.014688
3.14923	75.0488	82.0193	753.267	885.248	-0.004076	5.85344	35.2804	-0.012188
3.15023	75.0488	81.8826	753.809	885.794	-0.004076	5.85084	34.7476	-0.013438
3.15123	75.0488	81.7458	753.267	885.794	-0.004076	5.85375	34.8982	-0.011875
3.15223	75.1854	82.0193	753.723	885.248	-0.004076	5.84781	34.6008	-0.011563
3.15323	75.0488	81.8091	753.809	886.068	0.038885	5.84489	34.8956	-0.012813
3.15423	75.0488	81.7458	753.267	885.248	-0.004076	5.84489	34.7476	-0.012188
3.15523	74.7756	81.8826	754.086	886.814	-0.004076	5.84719	34.5009	-0.014063
3.15623	75.0488	82.0193	752.81	887.287	-0.004076	5.84437	34.5009	-0.014375
3.15723	74.7756	81.4724	753.809	885.794	-0.008152	5.84344	34.5009	-0.012188
3.15823	74.639	82.1561	752.81	884.702	-0.040761	5.84219	34.2048	-0.015938
3.15923	75.0488	81.8826	753.495	886.068	-0.004076	5.84844	34.3035	-0.014688
3.16023	74.9122	81.4724	753.038	884.702	-0.004076	5.85084	34.8463	-0.012813
3.16123	75.0488	81.7458	753.267	884.975	-0.004076	5.84989	34.2048	-0.014375
3.16223	75.0488	81.7458	753.809	885.248	-0.004076	5.85437	34.5998	-0.010938
3.16323	75.0488	82.0193	753.809	886.814	-0.004076	5.85594	34.8982	-0.013125
3.16423	74.7756	82.1561	753.723	885.248	0.040761	5.85781	34.3035	-0.012813
3.16523	75.1854	81.7458	753.495	885.794	-0.004076	5.84489	34.3035	-0.013125
3.16623	74.7756	81.8826	752.81	886.204	0.02038	5.82084	34.1081	-0.014083
3.16723	74.639	81.1989	753.495	886.341	0.040761	5.80408	34.4515	-0.012188
3.16823	74.9122	81.8091	752.81	885.658	-0.004076	5.78719	34.1081	-0.012813
3.16923	75.1854	82.0193	752.81	884.975	-0.028532	5.85125	33.962	-0.012813
3.17023	75.1854	81.7458	752.81	885.248	-0.004076	5.86858	34.2541	-0.014083
3.17123	75.0488	81.3356	752.81	885.794	-0.004076	5.85908	34.5998	-0.012813

3.17223	75.1854	81.8826	753.267	865.794	0.016304	5.85989	34.0568	-0.012813
3.17323	75.3221	81.7458	753.723	866.477	-0.004078	5.86156	33.9087	-0.013438
3.17423	74.5024	82.4295	753.809	866.614	-0.004078	5.85489	33.9581	-0.011875
3.17523	74.839	82.4295	753.381	866.75	-0.004078	5.85281	33.9087	-0.013438
3.17623	74.7756	81.7458	753.267	865.794	0.024456	5.84989	33.7607	-0.012188
3.17723	75.1854	82.2928	752.81	866.204	-0.004078	5.84875	33.7607	-0.011875
3.17823	75.3221	81.8826	752.81	866.341	-0.004078	5.84781	34.0074	-0.011563
3.17923	75.3221	81.8826	753.381	865.248	-0.004078	5.84658	33.7607	-0.011875
3.18023	75.3221	81.8091	753.267	864.975	-0.038885	5.84219	33.3188	-0.015313
3.18123	75.4587	82.1661	752.81	865.794	-0.004078	5.84844	33.7114	-0.01375
3.18223	75.1854	82.1661	752.681	866.068	-0.004078	5.84719	34.3035	-0.011563
3.18323	75.3221	82.0193	752.81	866.068	-0.004078	5.85031	33.514	-0.011563
3.18423	74.7756	81.8826	752.81	866.341	0.024456	5.85219	34.0074	-0.011875
3.18523	75.1854	82.0193	753.152	866.341	-0.004078	5.8525	33.5633	-0.012813
3.18623	75.0488	82.0193	753.267	866.068	0.044837	5.85437	33.514	-0.011563
3.18723	75.3221	81.8826	753.152	865.794	-0.004078	5.85531	33.8127	-0.012813
3.18823	75.1854	81.8826	753.152	866.887	-0.004078	5.86094	33.8127	-0.014063
3.18923	75.0488	81.7458	753.486	866.341	-0.004078	5.85989	33.2179	-0.012813
3.19023	75.3221	81.7458	753.152	865.856	-0.012228	5.84312	33.8127	-0.013438
3.19123	74.8122	81.8091	753.267	866.068	-0.012228	5.82344	33.1182	-0.014063
3.19223	74.8122	81.8826	752.895	866.341	-0.004078	5.80594	33.2179	-0.015313
3.19323	75.1854	82.2928	753.723	866.341	-0.004078	5.79094	33.9581	-0.011563
3.19423	74.8122	81.8826	752.81	866.204	-0.004078	5.83889	33.2179	-0.012813
3.19523	75.0488	81.8091	752.487	866.341	0.024456	5.87031	33.2179	-0.013438
3.19623	75.0488	81.7458	753.152	866.068	0.024456	5.85812	33.1182	-0.0125
3.19723	75.1854	81.3358	753.267	866.341	-0.004078	5.86094	33.0899	-0.013438
3.19823	75.0488	81.8826	753.809	866.614	-0.004078	5.85838	33.1886	-0.014375
3.19923	75.7319	82.4295	753.723	866.887	-0.004078	5.85781	33.1182	-0.012188
3.20023	75.0488	81.8826	753.152	866.887	-0.004078	5.85875	33.2179	-0.012813
3.20123	74.7756	81.8826	752.681	866.341	-0.004078	5.85875	33.1182	-0.012813
3.20223	75.3221	81.8826	753.723	866.204	-0.012228	5.85489	32.9712	-0.011563
3.20323	75.0488	81.8091	751.896	865.931	-0.004078	5.85856	33.0205	-0.015313
3.20423	75.0488	81.7458	752.81	866.341	-0.004078	5.85531	33.3188	-0.012188
3.20523	75.0488	81.7458	752.81	866.068	-0.004078	5.85489	33.0205	-0.013438
3.20623	75.3221	82.0193	753.267	866.614	-0.004078	5.86094	33.1182	-0.012813
3.20723	75.1854	81.8826	752.81	866.204	-0.008152	5.85313	32.9218	-0.012188
3.20823	75.1854	82.0193	752.81	866.341	-0.004078	5.85594	32.9712	-0.012813
3.20923	75.3221	82.0193	752.81	866.204	0.032609	5.85719	33.2179	-0.012188
3.21023	74.8122	81.8826	752.353	865.794	-0.008152	5.85719	33.0205	-0.013125
3.21123	75.0488	81.7458	753.152	866.75	0.028532	5.85719	32.8725	-0.0125
3.21223	75.8865	82.1561	752.81	865.794	-0.004078	5.85989	32.6258	-0.0125
3.21323	75.3221	82.1561	754.295	865.794	-0.004078	5.86156	32.7245	-0.009063
3.21423	75.3221	81.8826	752.353	865.248	-0.012228	5.85844	32.6271	-0.013438
3.21523	75.3221	81.8826	752.81	865.794	-0.004078	5.85219	33.2673	-0.012813
3.21623	74.5024	81.8091	753.152	866.204	0.016304	5.82844	32.8725	-0.011563
3.21723	75.3221	81.8826	752.81	865.794	-0.004078	5.80781	32.6258	-0.011875
3.21823	75.0488	81.7458	753.038	866.068	-0.004078	5.78906	32.6751	-0.012813
3.21923	75.0488	81.8826	752.124	865.248	0.024456	5.81489	32.7245	-0.01125
3.22023	75.0488	81.8826	753.267	865.794	0.028532	5.88889	32.3297	-0.011563
3.22123	75.0488	81.7458	752.895	865.794	-0.004078	5.85219	32.5271	-0.013438
3.22223	74.7756	81.8826	752.895	867.433	-0.004078	5.85844	32.4284	-0.013438
3.22323	75.3221	81.8826	752.81	864.702	-0.008152	5.85489	32.6751	-0.012188

3.22423	75.0488	82.2828	753.152	886.068	-0.004078	5.85719	32.3297	-0.011875
3.22523	74.7756	82.2828	752.695	886.068	-0.004078	5.85812	32.4284	-0.013438
3.22623	75.0488	81.3356	752.487	886.068	0.02038	5.85469	32.9218	-0.013438
3.22723	75.3221	81.7458	752.695	885.248	-0.004078	5.85437	32.4284	-0.012813
3.22823	74.9122	81.3356	752.81	885.248	-0.004078	5.85406	32.379	-0.013438
3.22923	74.9122	81.8091	752.695	886.341	-0.004078	5.84989	32.231	-0.013438
3.23023	75.1854	81.8826	752.695	885.858	-0.004078	5.84989	32.5271	-0.013438
3.23123	75.0488	81.8091	752.01	885.794	-0.004078	5.85219	32.3297	-0.012813
3.23223	75.3221	82.2828	753.267	885.248	-0.004078	5.85344	32.231	-0.012188
3.23323	75.5953	82.4295	753.267	885.794	-0.004078	5.8625	32.4284	-0.010938
3.23423	75.7319	82.2828	753.495	885.111	0.02038	5.85408	32.1323	-0.013438
3.23523	75.1854	81.8091	753.723	884.585	-0.004078	5.85344	32.0336	-0.007188
3.23623	75.3221	81.7458	752.124	884.429	-0.012228	5.85313	32.231	-0.012813
3.23723	75.7319	82.1581	752.581	884.429	-0.004078	5.85489	31.9349	-0.014063
3.23823	75.3221	81.8091	752.81	885.111	0.02038	5.85375	31.9349	-0.014063
3.23923	75.8885	82.2828	752.81	884.702	-0.004078	5.85408	32.0336	-0.012813
3.24023	75.1854	81.7458	752.81	884.975	-0.004078	5.85781	32.1323	-0.012813
3.24123	75.1854	81.8826	752.81	884.975	0.02038	5.84312	32.0336	-0.012813
3.24223	75.0488	82.0193	752.353	883.609	0.02038	5.81719	32.0336	-0.012813
3.24323	74.7756	82.2828	753.152	884.292	-0.008152	5.79781	31.6882	-0.012813
3.24423	75.3221	82.0193	752.81	884.585	-0.004078	5.78594	31.9349	-0.011875
3.24523	75.0488	81.4724	752.581	883.336	-0.004078	5.85158	31.6389	-0.012188
3.24623	75.5953	81.8091	753.723	883.472	-0.004078	5.85908	31.6882	-0.01125
3.24723	74.9122	81.8826	752.353	882.516	-0.004078	5.85582	31.8383	-0.014888
3.24823	75.1854	81.7458	753.267	883.063	-0.004078	5.85437	32.2804	-0.013125
3.24923	74.9122	81.7458	752.81	882.926	0.02038	5.85489	31.8389	-0.012813
3.25023	74.9122	81.8826	752.353	882.926	0.02038	5.85719	31.5895	-0.012188
3.25123	74.7756	81.8826	752.353	882.243	-0.004078	5.85489	31.8858	-0.012188
3.25223	75.0488	81.8091	752.695	881.97	0.024456	5.85187	31.6389	-0.011563
3.25323	74.9122	81.7458	752.81	881.424	-0.004078	5.84989	31.5896	-0.0125
3.25423	74.839	82.0193	752.239	881.56	-0.004078	5.84594	31.3428	-0.013438
3.25523	75.3221	82.0193	752.353	881.697	0.028532	5.84719	31.6389	-0.011563
3.25623	75.0488	81.8826	752.81	880.877	-0.004078	5.84937	31.3428	-0.011563
3.25723	75.5953	82.0193	752.81	880.331	-0.004078	5.84719	31.3428	-0.011563
3.25823	75.0488	81.8826	752.239	880.194	-0.004078	5.84875	31.3428	-0.015838
3.25923	74.7756	81.8826	752.353	880.058	-0.004078	5.84844	31.7376	-0.014063
3.26023	75.0488	81.7458	752.353	859.238	-0.004078	5.85083	31.2835	-0.012188
3.26123	74.5024	82.1581	752.695	859.512	0.016304	5.84937	31.1454	-0.011563
3.26223	74.7756	81.8091	752.81	858.882	0.024456	5.85406	31.1454	-0.010313
3.26323	75.3221	81.7458	752.695	858.882	0.024456	5.85125	31.1454	-0.014375
3.26423	75.3221	81.8826	752.239	858.008	0.044837	5.85344	31.0467	-0.013438
3.26523	75.0488	81.8091	752.353	857.483	-0.004078	5.85719	31.1454	-0.012813
3.26623	75.3221	82.0193	752.81	858.282	-0.004078	5.85489	31.0861	-0.012813
3.26723	75.1854	81.8826	752.353	858.234	-0.004078	5.83281	31.1454	-0.011875
3.26823	74.9122	81.8826	752.581	858.234	-0.004078	5.81489	30.8484	-0.008063
3.26923	75.3221	81.7458	752.124	855.824	-0.004078	5.79489	30.9974	-0.012813
3.27023	75.1854	81.7458	752.124	855.141	-0.004078	5.80469	31.0861	-0.012188
3.27123	75.0488	81.7458	752.124	855.141	-0.004078	5.87158	31.0861	-0.01375
3.27223	74.839	81.1889	751.688	854.731	-0.004078	5.85687	31.1454	-0.012188
3.27323	75.0488	81.8826	752.581	854.321	-0.004078	5.85844	31.0467	-0.012188
3.27423	74.9122	81.8826	751.898	854.048	-0.004078	5.85625	30.9481	-0.013438
3.27523	74.839	81.7458	752.353	853.839	0.044837	5.85582	30.8484	-0.012188

3.27624	75.1854	81.8826	751.888	853.229	-0.008152	5.85219	30.8494	-0.012813
3.27724	75.0488	81.7458	752.239	853.229	0.038886	5.85437	30.7013	-0.012188
3.27824	74.9122	81.7458	751.896	852.136	-0.004076	5.85281	30.9481	-0.012813
3.27924	75.4587	81.7458	753.038	851.453	-0.004076	5.84908	30.8987	-0.010313
3.28024	75.1854	82.2928	751.325	851.043	-0.004076	5.84469	30.6028	-0.01375
3.28124	75.0488	81.8826	751.782	850.77	-0.008152	5.84531	31.1454	-0.013125
3.28224	75.0488	81.6091	751.439	850.381	0.02038	5.84719	30.8987	-0.012813
3.28324	74.5024	82.2928	751.896	849.951	-0.004076	5.84719	30.8	-0.012813
3.28424	74.9122	82.0193	751.439	849.878	-0.004076	5.85344	30.8	-0.012188
3.28524	75.1854	81.6091	751.439	849.404	-0.004076	5.84908	30.7013	-0.012188
3.28624	75.1854	81.7458	751.888	848.585	0.038885	5.84969	30.4548	-0.010838
3.28724	75.0488	81.8826	751.211	847.083	-0.004076	5.85156	30.652	-0.011563
3.28824	75.0488	81.7458	750.982	848.312	-0.004076	5.85219	30.7507	-0.012813
3.28924	75.0488	81.8826	751.325	848.127	-0.008152	5.85344	30.4548	-0.012188
3.29024	74.639	81.8826	751.888	846.127	-0.004076	5.85575	30.7507	-0.010838
3.29124	75.1854	81.3356	751.439	845.444	-0.004076	5.85781	30.4548	-0.013438
3.29224	75.1854	81.8826	750.754	844.761	-0.004076	5.83969	30.9481	-0.013125
3.29324	74.5024	82.4295	750.982	844.351	-0.004076	5.81969	30.3068	-0.013125
3.29424	74.7756	81.6091	751.325	844.214	0.024456	5.80344	30.2572	-0.013125
3.29524	75.0488	81.8826	751.211	843.395	-0.004076	5.78687	30.5533	-0.010838
3.29624	75.5953	82.4295	751.782	843.395	0.040761	5.84469	30.2572	-0.011563
3.29724	74.639	81.4724	750.525	841.483	0.028532	5.86219	30.3068	-0.013438
3.29824	74.9122	81.7458	751.439	842.575	-0.004076	5.85594	30.3559	-0.012188
3.29924	75.1854	81.8826	750.982	842.302	-0.004076	5.86887	30.5039	-0.012188
3.30024	75.1854	81.8826	750.754	840.8	-0.004076	5.86594	30.3559	-0.010838
3.30124	75.3221	81.8826	751.888	840.8	-0.004076	5.85408	30.3559	-0.009083
3.30224	74.5024	82.4295	750.754	839.024	-0.004076	5.85408	30.2079	-0.012813
3.30324	74.9122	81.3356	750.982	839.024	-0.004076	5.86219	30.3559	-0.012188
3.30424	75.5953	82.1561	750.982	839.024	-0.004076	5.84969	30.7013	-0.010826
3.30524	75.0488	82.1561	750.297	838.888	-0.004076	5.84908	30.3559	-0.012813
3.30624	75.5953	82.1561	750.525	837.795	-0.004076	5.84908	30.1585	-0.012813
3.30724	75.1854	81.8826	750.525	838.205	-0.004076	5.84812	30.0598	-0.011875
3.30824	75.1854	81.8826	750.068	838.568	0.038885	5.85156	30.2572	-0.013126
3.30924	75.0488	81.8826	750.068	837.112	-0.004076	5.85187	30.1585	-0.013438
3.31024	75.1854	82.1561	750.754	835.473	-0.004076	5.84969	30.1585	-0.013125
3.31124	75.3221	81.8826	750.068	835.473	-0.004076	5.85219	30.4548	-0.012813
3.31224	75.5953	82.1561	751.211	834.517	-0.004076	5.85375	30.2572	-0.010313
3.31324	75.0488	81.4724	750.068	834.107	-0.004076	5.85156	30.2572	-0.012813
3.31424	74.9122	81.0622	749.155	832.741	-0.004076	5.85489	30.6028	-0.01375
3.31524	74.7756	81.3356	750.411	833.015	-0.004076	5.85489	30.2572	-0.013438
3.31624	75.3221	81.8826	750.297	832.741	-0.004076	5.85594	30.3068	-0.012188
3.31724	75.0488	81.7458	750.068	832.059	0.02038	5.85812	30.3559	-0.012188
3.31824	75.3221	81.7458	750.411	832.195	-0.004076	5.83344	30.1092	-0.012188
3.31924	75.1854	81.6091	749.84	831.102	0.032609	5.81344	30.1092	-0.013125
3.32024	75.1854	81.6091	749.383	830.146	-0.004076	5.79344	30.2572	-0.011563
3.32124	75.3221	81.7458	749.612	830.693	-0.004076	5.79489	30.1585	-0.011563
3.32224	75.5953	82.0193	749.726	829.19	0.024456	5.86906	30.2079	-0.01125
3.32324	75.0488	81.8826	749.954	828.917	-0.004076	5.85437	30.0106	-0.012813
3.32424	75.0488	81.8826	749.612	827.278	-0.016304	5.83719	29.8625	-0.010838
3.32524	75.1854	81.8826	749.155	827.142	-0.004076	4.84844	30.0598	-0.011875
3.32624	75.1854	81.3356	749.84	827.825	-0.004076	4.20219	30.0105	-0.011875
3.32724	74.7756	81.8826	749.612	827.005	0.028632	3.63687	30.0598	-0.010838

3.32824	75.5953	82.1561	750.088	826.459	0.028532	3.15084	29.8131	-0.011875
3.32924	75.4587	81.8826	749.612	825.912	-0.004076	2.72187	29.8118	-0.012813
3.33024	75.0488	81.7458	749.383	825.366	0.038685	2.35531	29.8612	-0.011875
3.33124	75.0488	81.7458	749.497	825.366	-0.004076	2.03468	30.1585	-0.011563
3.33224	75.7319	82.1561	749.155	823.727	-0.004076	1.75887	29.9118	-0.010313
3.33324	75.3221	81.8091	749.155	824	-0.004076	1.51684	30.0588	-0.011875
3.33424	75.0488	82.1561	749.155	822.634	-0.004076	1.30719	30.1082	-0.008125
3.33524	75.0488	81.7458	749.497	823.59	-0.004076	1.12468	29.9118	-0.012188
3.33624	75.3221	81.8826	748.926	822.498	-0.004076	0.9675	29.8625	-0.013438
3.33724	74.7756	81.8091	748.698	822.088	0.02038	0.831875	30.2572	-0.012188
3.33824	75.0488	81.8826	749.155	821.269	-0.004076	0.714687	30.0588	-0.010825
3.33924	74.7756	81.8826	748.926	821.542	-0.004076	0.614688	30.0588	-0.011563
3.34024	75.0488	81.8826	748.926	820.449	-0.004076	0.525312	29.9612	-0.011563
3.34124	74.9122	81.7458	748.241	820.449	0.061141	0.450937	29.9612	-0.011563
3.34224	75.0488	81.8091	748.698	819.22	-0.004076	0.385937	29.9612	-0.011563
3.34324	75.0488	81.3358	749.041	819.358	0.024456	0.33125	29.9612	-0.010938
3.34424	75.3221	81.8826	748.812	818.537	-0.004076	0.283437	30.0588	-0.011563
3.34524	74.9122	81.8091	748.584	818.127	-0.004076	0.242188	30.0588	-0.011563
3.34624	75.1854	81.8826	748.013	816.825	-0.024456	0.205937	29.8651	-0.01375
3.34724	75.0488	81.8826	748.241	816.488	-0.004076	0.175937	29.9118	-0.011875
3.34824	75.4587	82.1561	748.898	816.215	-0.004076	0.151875	30.2572	-0.012188
3.34924	75.3221	81.8826	748.898	816.825	0.028532	0.130313	29.8625	-0.011875
3.35024	75.3221	81.8826	748.469	816.078	-0.004076	0.114687	30.1082	-0.011563
3.35124	75.0488	81.8091	748.926	815.259	-0.004076	0.094375	30.1082	-0.010938
3.35224	75.0488	81.8091	748.241	815.398	-0.004076	0.082188	29.9612	-0.010938
3.35324	74.9122	81.8826	748.584	814.713	-0.004076	0.070625	30.1585	-0.010625
3.35424	74.9122	81.7458	748.469	814.439	-0.004076	0.059375	30.1585	-0.011875
3.35524	75.3221	82.0193	748.241	813.893	-0.004076	0.050625	29.9612	-0.012188
3.35624	75.1854	81.8826	747.784	812.684	0.02038	0.044688	30.3559	-0.010938
3.35724	75.0488	81.8826	748.469	811.708	-0.004076	0.038125	29.9612	-0.012188
3.35824	74.5024	82.4295	748.127	812.254	-0.004076	0.032813	30.1082	-0.012813
3.35924	74.9122	82.4295	748.013	811.708	-0.004076	0.027188	30.2572	-0.011563
3.36024	74.7756	81.3358	747.556	811.844	0.024456	0.026583	30.2079	-0.012813
3.36124	75.0488	81.8091	747.327	810.615	-0.004076	0.022813	30.3559	-0.010938
3.36224	75.1854	81.8826	747.784	810.069	0.024456	0.017188	30.2572	-0.010938
3.36324	75.1854	81.8826	747.327	810.069	0.048913	0.014063	30.1082	-0.013125
3.36424	75.0488	81.7458	747.327	809.523	-0.004076	0.014688	30.2572	-0.011875
3.36524	74.9122	81.3358	747.556	809.113	-0.004076	0.01125	30.3086	-0.012813
3.36624	75.5953	82.1561	747.327	808.293	-0.012228	0.009375	30.3086	-0.012813
3.36724	75.0488	82.1561	747.556	808.293	-0.004076	0.008375	30.2572	-0.010625
3.36824	75.3221	82.1561	746.414	806.245	-0.052989	0.003125	29.5884	-0.013438
3.36924	75.3221	82.1561	747.099	807.337	-0.004076	0.007188	30.4546	-0.010938
3.37024	74.3658	81.7458	747.784	807.883	0.038685	0.008438	30.9974	-0.010313
3.37124	75.3221	81.8826	747.556	806.827	-0.004076	0.004688	30.3559	-0.011563
3.37224	75.0488	81.8826	747.556	806.854	-0.004076	0.005825	30.3086	-0.012188
3.37324	75.0488	81.8826	747.556	805.971	0.02038	0.0025	30.1082	-0.0125
3.37424	75.1854	81.3358	747.556	805.971	0.028532	0.003125	30.1082	-0.0125
3.37524	75.0488	81.8826	747.441	805.425	-0.004076	-0.000313	30.3559	-0.010313
3.37624	75.0488	82.0193	747.213	804.059	-0.024456	-0.000313	30.3086	-0.01125
3.37724	74.7756	82.0193	747.556	805.698	-0.004076	0.002188	30.3086	-0.0125
3.37824	74.9122	81.8826	747.099	803.513	-0.004076	-0.000313	30.2572	-0.010938
3.37924	75.3221	82.1561	746.87	802.42	-0.02038	-0.002188	29.7638	-0.014063

3.38024	74.7756	81.8826	746.756	803.103	-0.004076	-0.000313	30.5533	-0.012813
3.38124	75.7319	81.8826	746.528	802.83	-0.004076	-0.000313	30.7507	-0.012813
3.38224	74.9122	81.8826	746.642	802.893	-0.004076	-0.000313	30.3559	-0.012188
3.38324	75.0488	81.3356	746.756	802.42	-0.004076	0.002188	30.5533	-0.012813
3.38424	74.7756	81.7458	745.957	801.464	0.02038	-0.000313	30.6026	-0.010938
3.38524	75.1854	81.7458	746.642	801.328	-0.004076	-0.000938	30.4546	-0.010313
3.38624	75.3221	81.8826	746.985	801.874	-0.004076	-0.001875	30.852	-0.010825
3.38724	75.0488	81.8826	746.528	801.054	-0.004076	-0.002188	30.5039	-0.011875
3.38824	74.639	81.3356	746.528	801.191	-0.004076	-0.000625	30.5533	-0.0125
3.38924	75.3221	81.8826	745.5	800.098	-0.004076	-0.00125	30.652	-0.01125
3.39024	75.0488	81.8826	746.414	797.503	-0.044837	-0.005938	30.0105	-0.013438
3.39124	75.4587	82.0193	745.957	799.415	-0.004076	-0.001563	30.5039	-0.013125
3.39224	75.1854	81.6091	746.414	799.415	-0.004076	-0.00125	30.7507	-0.013438
3.39324	74.7756	81.8826	746.185	799.142	-0.004076	-0.001875	30.7013	-0.010313
3.39424	74.7756	81.3356	746.414	799.142	-0.004076	-0.000313	30.7507	-0.0125
3.39524	74.7756	81.8826	746.414	798.596	-0.004076	-0.002188	30.7507	-0.010625
3.39624	75.0488	81.8826	746.642	798.696	0.028532	-0.001563	30.852	-0.010313
3.39724	75.3221	81.8826	746.628	797.776	-0.004076	-0.001875	30.7013	-0.010313
3.39824	75.0488	81.8826	746.414	797.603	-0.004076	-0.002188	30.5039	-0.0125
3.39924	74.9122	81.0622	746.414	799.889	-0.004076	-0.002813	30.7507	-0.012813
3.40024	75.1854	82.1561	745.957	797.503	-0.004076	-0.0025	30.5533	-0.010313
3.40124	75.3221	82.0193	745.386	795.318	-0.044837	-0.005938	30.0598	-0.015
3.40224	75.0488	81.8826	745.728	797.503	-0.004076	-0.001563	30.7013	-0.010938
3.40325	75.1854	81.7458	746.185	797.23	-0.004076	-0.002188	31.1454	-0.010313
3.40425	74.5024	81.8826	746.756	797.367	0.028532	-0.000938	30.8987	-0.012813
3.40525	75.0488	81.8826	746.414	796.684	0.028532	-0.000938	30.7507	-0.014083
3.40625	75.0488	81.6091	746.185	796.82	-0.004076	-0.001875	30.7507	-0.011583
3.40725	75.3221	82.1561	745.386	796.411	0.044837	-0.002813	30.8494	-0.011583
3.40825	75.0488	81.7458	745.957	796.547	-0.004076	-0.003438	31.0487	-0.012188
3.40925	74.7756	81.7458	745.5	796.411	-0.004076	-0.003438	30.8987	-0.011875
3.41025	75.0488	81.8826	745.957	796.274	-0.004076	-0.003438	30.9974	-0.010938
3.41125	75.0488	81.8826	745.5	795.864	-0.004076	-0.003125	31.0487	-0.011583
3.41225	75.1854	81.7458	746.414	795.318	-0.004076	-0.004083	30.8	-0.009888
3.41325	75.0488	81.8826	745.386	795.318	-0.004076	-0.003438	30.8987	-0.014083
3.41425	74.7756	81.6091	745.5	796.137	-0.004076	-0.004083	31.1454	-0.009888
3.41525	75.5863	82.2928	745.5	796.318	-0.004076	-0.002813	31.0961	-0.012188
3.41625	75.1854	81.8826	745.386	796.318	0.02038	-0.001563	31.1454	-0.012188
3.41725	75.0488	81.8826	745.5	796.864	0.02038	-0.002813	31.2441	-0.011583
3.41825	74.7756	81.8826	744.7	796.045	-0.004076	-0.004375	31.1454	-0.010313
3.41925	75.0488	81.7458	745.957	795.864	0.036685	-0.002813	31.1454	-0.010313
3.42025	75.3221	82.0193	745.957	794.498	-0.004076	-0.004375	31.0487	-0.011583
3.42125	75.1854	81.8826	745.5	795.318	-0.004076	-0.002813	30.9481	-0.011875
3.42225	75.0488	81.7458	745.5	793.952	-0.004076	-0.001875	31.2441	-0.011583
3.42325	75.4587	81.8826	745.957	793.679	-0.02038	-0.006563	31.0487	-0.010625
3.42425	75.5863	82.0193	745.271	794.225	-0.004076	-0.004375	31.1454	-0.012813
3.42525	75.5863	82.4295	745.957	794.498	0.02038	-0.003438	31.5895	-0.010938
3.42625	75.0488	81.7458	745.043	794.835	-0.004076	-0.00375	31.0487	-0.011875
3.42725	74.7756	82.0193	745.5	794.225	0.028532	-0.000313	31.2935	-0.012813
3.42825	75.0488	81.8826	744.929	793.679	-0.004076	-0.005313	31.0961	-0.011875
3.42925	74.9122	81.7458	745.271	794.089	0.028532	-0.004688	31.2441	-0.010938
3.43025	75.1854	81.8826	745.271	793.679	-0.004076	-0.005625	31.5402	-0.010938
3.43125	75.1854	81.8826	745.5	793.679	-0.004076	-0.004083	31.4415	-0.011583

3.43225	75.3221	81.6091	745.271	794.772	-0.004076	-0.004688	31.1454	-0.010838
3.43325	74.5024	82.2928	745.5	793.408	-0.004076	-0.002188	31.3428	-0.011875
3.43425	75.4587	82.4295	745.271	793.679	-0.004076	-0.002813	31.4415	-0.010313
3.43525	75.1854	81.6091	744.7	793.133	-0.004076	-0.004063	31.4415	-0.0125
3.43625	75.3221	81.8826	745.157	793.408	-0.004076	-0.002813	31.5402	-0.011583
3.43725	75.0488	82.1561	744.815	793.642	-0.008152	-0.004063	31.5402	-0.010313
3.43825	75.1854	81.8826	744.815	793.408	-0.004076	-0.004063	31.3822	-0.012813
3.43925	75.1854	81.8826	745.271	793.642	-0.004076	-0.003125	31.4908	-0.010838
3.44025	75.0488	82.0193	745.157	793.408	-0.004076	-0.00375	31.4415	-0.01125
3.44125	75.0488	81.8826	745.157	792.996	-0.004076	-0.005313	31.2441	-0.012188
3.44225	75.0488	82.1561	745.157	793.952	-0.004076	-0.004375	31.6402	-0.010313
3.44325	75.3221	82.1561	745.043	793.952	-0.004076	-0.003125	31.4415	-0.012188
3.44425	75.5953	82.2928	745.271	792.586	-0.004076	-0.004688	31.3428	-0.012813
3.44525	75.7319	82.0193	745.5	793.642	-0.004076	-0.005313	31.6389	-0.009063
3.44625	75.1854	81.8826	744.586	792.723	-0.004076	-0.005313	31.3428	-0.010838
3.44725	75.0488	81.7458	745.043	792.586	-0.004076	-0.004375	31.7378	-0.012813
3.44825	75.3221	81.8826	744.815	793.269	-0.004076	-0.004688	31.1454	-0.011563
3.44925	75.0488	82.0193	744.472	792.586	-0.004076	-0.002813	31.3428	-0.011875
3.45025	75.1854	81.6091	744.472	792.45	-0.004076	-0.005313	31.3428	-0.011875
3.45125	75.1854	81.8826	744.815	792.586	0.02038	-0.005313	31.5402	-0.010825
3.45225	75.1854	81.8826	745.157	792.586	0.032809	-0.004063	31.5402	-0.010825
3.45325	75.3221	81.8826	744.815	792.859	-0.004076	-0.004688	31.4415	-0.012813
3.45425	75.5953	82.0193	744.358	793.133	-0.004076	-0.005313	31.4908	-0.011563
3.45525	75.1854	81.8826	744.358	792.04	-0.004076	-0.005313	31.4415	-0.012188
3.45625	75.0488	81.8826	745.5	792.586	-0.004076	-0.005938	31.5895	-0.007813
3.45725	75.1854	81.8826	744.358	792.586	-0.004076	-0.005313	31.4415	-0.013125
3.45825	74.5024	81.1989	744.129	793.133	-0.004076	-0.003438	31.7378	-0.010838
3.45925	75.0488	81.8826	744.586	792.723	-0.004076	-0.005313	31.5402	-0.012188
3.46025	75.1854	81.6091	744.358	793.408	-0.004076	-0.004375	31.5402	-0.01125
3.46125	74.7756	82.2928	744.929	793.818	0.024458	-0.004688	31.4908	-0.010838
3.46225	75.1854	81.7458	744.358	792.45	-0.004076	-0.004688	31.7378	-0.011563
3.46325	75.3221	81.8826	744.129	792.586	-0.004076	-0.005313	31.5402	-0.011563
3.46425	75.1854	81.8826	744.929	792.723	-0.004076	-0.005938	31.3428	-0.010313
3.46525	75.5953	82.1561	744.358	793.679	-0.004076	-0.005625	31.5402	-0.011583
3.46625	75.1854	81.6091	744.015	791.767	-0.008152	-0.005313	31.7889	-0.010313
3.46725	75.0488	81.6091	745.043	792.45	-0.004076	-0.004688	31.6389	-0.009063
3.46825	75.1854	82.0193	743.672	791.767	-0.004076	-0.005313	31.7378	-0.011583
3.46925	75.7319	82.2928	744.7	793.133	-0.004076	-0.003438	32.083	-0.010625
3.47025	75.0488	81.8826	743.901	792.45	-0.004076	-0.004063	31.6389	-0.0125
3.47125	75.4587	82.1561	744.472	792.586	0.028532	-0.003438	31.4908	-0.010313
3.47225	75.0488	81.4724	744.129	793.133	-0.004076	-0.00375	31.8363	-0.010838
3.47325	74.5024	81.4724	744.243	793.133	0.02038	-0.005313	31.9349	-0.010313
3.47425	74.9122	81.7458	744.358	792.723	0.024458	-0.005313	31.5402	-0.010838
3.47525	75.3221	81.6091	744.358	792.313	-0.004076	-0.005313	31.8369	-0.010838
3.47625	75.1854	81.8826	744.129	793.133	-0.004076	-0.005313	31.8856	-0.011563
3.47725	75.0488	81.6091	744.358	792.177	-0.004076	-0.005313	31.5402	-0.01125
3.47825	75.0488	81.7458	745.043	792.586	-0.004076	-0.005625	31.4415	-0.008438
3.47925	75.1854	81.8826	743.672	792.586	-0.004076	-0.005313	31.3428	-0.014375
3.48025	75.0488	81.7458	744.129	792.04	-0.004076	-0.007188	31.5402	-0.012813
3.48125	75.1854	81.7458	744.015	792.586	-0.004076	-0.005313	31.6882	-0.011875
3.48225	75.0488	81.7458	743.901	792.586	-0.004076	-0.004063	31.7378	-0.011563
3.48325	75.1854	81.8826	744.129	792.45	-0.004076	-0.005313	31.6882	-0.010838

3.48425	75.1854	81.8828	743.901	792.04	-0.004076	-0.004063	31.6389	-0.010938
3.48525	74.7756	81.7458	744.472	793.133	0.052989	-0.004688	31.7869	-0.012188
3.48625	74.7756	81.8828	744.015	792.586	-0.004076	-0.006838	31.4415	-0.012813
3.48725	75.3221	81.7458	743.786	792.859	-0.004076	-0.005313	31.7378	-0.012188
3.48825	75.1854	81.8828	744.129	792.04	-0.004076	-0.006583	31.8346	-0.010313
3.48925	75.1854	81.7458	744.586	792.313	-0.004076	-0.006876	31.8856	-0.007813
3.49025	75.0488	81.6091	743.901	791.903	-0.02038	-0.005825	31.7378	-0.011583
3.49125	74.9122	81.6091	743.672	792.45	-0.004076	-0.005313	32.0336	-0.011583
3.49225	75.3221	81.8828	743.558	792.313	-0.004076	-0.005313	31.8363	-0.011875
3.49325	74.639	81.4724	743.672	792.859	0.032809	-0.003438	31.9349	-0.010938
3.49425	75.3221	81.7458	743.901	792.04	0.052989	-0.004063	31.7378	-0.011563
3.49525	75.3221	81.3356	743.444	792.586	-0.004076	-0.006875	31.8363	-0.010825
3.49625	75.0488	81.8828	744.015	791.903	-0.012228	-0.005313	31.6882	-0.01125
3.49725	74.7756	81.6091	743.901	792.586	-0.016304	-0.0075	31.8363	-0.011563
3.49825	75.3221	81.8828	744.129	793.952	-0.004076	-0.00625	31.7378	-0.014063
3.49925	75.0488	82.1561	743.901	792.313	-0.004076	-0.005313	31.8363	-0.006688
3.50025	75.0488	81.8828	744.358	792.586	0.024456	-0.003125	31.7378	-0.010313
3.50125	75.1854	82.1561	743.672	792.859	0.016304	-0.005313	31.6882	-0.011875
3.50225	75.4587	82.2928	743.901	792.586	0.02038	-0.004688	31.8363	-0.011583
3.50325	75.1854	81.6091	743.901	792.996	-0.004076	-0.005	31.6389	-0.012188
3.50425	75.0488	81.8828	743.672	792.859	-0.004076	-0.005313	31.7378	-0.013125
3.50525	75.3221	82.1561	744.129	792.723	-0.004076	-0.004375	31.7378	-0.010825
3.50625	74.639	81.8828	743.672	792.859	-0.004076	-0.006583	31.6882	-0.011563
3.50725	75.0488	81.8828	743.672	792.586	0.044637	-0.005313	31.8856	-0.010313
3.50825	74.7756	81.8828	743.901	793.133	-0.004076	-0.005938	31.6882	-0.011563
3.50925	75.0488	81.6091	743.901	793.133	-0.004076	-0.005313	32.1323	-0.01125
3.51025	75.0488	81.7458	743.801	792.313	-0.004076	-0.005313	31.5402	-0.013125
3.51125	75.0488	81.8828	743.901	792.313	-0.012228	-0.005313	31.8363	-0.008438
3.51225	75.0488	81.8828	743.33	791.903	-0.004076	-0.005825	31.6389	-0.013438
3.51325	75.3221	81.7458	743.215	792.859	0.02038	-0.004688	31.8363	-0.012188
3.51425	75.0488	81.7458	743.672	792.586	-0.004076	-0.005313	31.8856	-0.012813
3.51525	75.3221	82.4295	744.129	793.406	0.024456	-0.004688	31.8363	-0.011563
3.51625	75.1854	81.8828	743.558	792.586	-0.004076	-0.006583	31.8363	-0.011563
3.51725	75.0488	81.7458	743.215	792.313	-0.004076	-0.007188	31.7378	-0.010938
3.51825	75.0488	81.7458	743.672	792.859	0.061141	-0.005313	31.7378	-0.011563
3.51925	74.5024	82.1561	743.215	792.313	-0.024456	-0.005313	31.7869	-0.011563
3.52025	75.1854	81.7458	742.844	793.133	-0.004076	-0.006583	31.4415	-0.01125
3.52125	74.9122	81.6091	742.967	792.04	-0.004076	-0.00875	31.5402	-0.010313
3.52225	74.9122	81.7458	743.558	792.313	-0.004076	-0.007188	31.5402	-0.010313
3.52325	74.7756	81.7458	742.967	792.04	-0.004076	-0.00625	31.5402	-0.015
3.52425	75.3221	81.8828	743.558	792.859	-0.004076	-0.005313	31.8363	-0.011563
3.52525	75.0488	81.7458	743.444	792.313	-0.004076	-0.005313	31.8363	-0.011875
3.52625	75.1854	82.1561	743.672	792.859	-0.004076	-0.004688	31.4415	-0.011583
3.52725	75.3221	82.0193	743.558	792.586	-0.004076	-0.002813	31.8389	-0.010938
3.52825	75.0488	82.1561	743.33	792.586	-0.004076	-0.005313	31.4908	-0.011875
3.52925	75.1854	81.8828	743.672	792.586	0.032809	-0.005313	31.8856	-0.010938
3.53025	75.1854	81.7458	743.215	792.04	-0.012228	-0.007813	31.5895	-0.01125
3.53125	75.3221	81.8828	743.786	793.952	0.02038	-0.004688	31.4908	-0.010938
3.53225	75.1854	81.8828	743.444	792.996	-0.004076	-0.005825	31.6389	-0.011875
3.53325	75.3221	82.1561	743.672	792.45	-0.004076	-0.005825	31.3428	-0.011875
3.53425	75.1854	81.8828	743.786	792.313	-0.004076	-0.005313	31.5402	-0.010625
3.53525	75.1854	81.8828	743.215	792.586	-0.004076	-0.005938	31.9349	-0.010938

3.53625	75.3221	81.8828	743.558	793.408	-0.004076	-0.005313	31.7376	-0.010826
3.53725	75.1854	82.0193	743.215	792.723	-0.004076	-0.005313	31.4908	-0.012188
3.53825	75.4587	82.4295	743.215	792.588	-0.004076	-0.004063	31.6389	-0.011875
3.53925	74.5024	81.4724	743.101	793.818	0.036685	-0.005313	31.7899	-0.01125
3.54025	75.0488	81.8828	742.758	792.46	0.044837	-0.005838	31.7899	-0.010313
3.54125	75.0488	82.0193	743.444	792.45	-0.004076	-0.005838	31.5402	-0.012188
3.54225	75.1854	81.8828	743.215	793.408	-0.004076	-0.005313	31.4415	-0.011563
3.54325	74.2292	81.8828	743.215	792.04	0.02038	-0.005838	31.3429	-0.0125
3.54425	75.0488	81.8828	743.444	793.133	-0.004076	-0.00375	31.5402	-0.010938
3.54525	75.3221	81.7458	742.53	792.04	-0.008152	-0.005838	31.3922	-0.012188
3.54625	75.0488	81.8828	742.53	793.133	0.02038	-0.004688	31.5402	-0.010938
3.54725	75.3221	81.8828	743.215	792.859	-0.004076	-0.004688	31.8383	-0.010313
3.54825	75.3221	81.8828	742.758	792.859	0.02038	-0.005313	31.4415	-0.012188
3.54925	75.7319	82.2928	743.215	793.133	0.028532	-0.002813	31.8882	-0.010313
3.55025	75.5953	81.8828	742.758	792.177	-0.004076	-0.008583	31.1948	-0.011875
3.55125	74.9122	81.8081	742.53	792.588	0.044837	-0.005313	31.2441	-0.009375
3.55225	75.0488	81.7458	742.987	792.859	-0.004076	-0.008875	31.3922	-0.010313
3.55325	75.1854	81.8828	742.873	792.313	-0.004076	-0.004688	31.2935	-0.011563
3.55425	75.3221	81.7458	742.418	792.859	-0.004076	-0.008583	31.2935	-0.010313
3.55525	74.9122	81.8828	742.758	792.723	-0.004076	-0.005825	31.2441	-0.009888
3.55625	74.7756	81.8828	742.302	792.723	-0.004076	-0.005838	31.1454	-0.013438
3.55725	75.1854	81.7458	742.53	792.313	-0.004076	-0.005313	31.5402	-0.012188
3.55825	75.3221	82.1581	742.302	792.313	-0.004076	-0.003438	31.5402	-0.010625
3.55925	74.9122	81.8081	742.53	792.588	-0.004076	-0.004063	30.9481	-0.01375
3.56025	75.3221	81.8828	742.844	793.408	-0.004076	-0.003438	31.3428	-0.011563
3.56125	75.0488	81.8828	742.302	793.133	-0.004076	-0.008583	31.0961	-0.011563
3.56225	75.1854	81.7458	741.731	792.588	0.028532	-0.008875	30.9481	-0.011875
3.56325	75.3221	82.0193	742.53	792.723	-0.004076	-0.00825	31.1454	-0.012813
3.56425	74.9122	81.8081	742.302	793.542	-0.004076	-0.005313	31.2441	-0.012188
3.56525	75.1854	81.8828	741.845	792.04	-0.004076	-0.005838	31.2935	-0.009375
3.56625	75.3221	81.7458	742.302	792.588	-0.004076	-0.004063	31.1454	-0.010938
3.56725	75.3221	81.8081	741.845	791.767	-0.036685	-0.008875	30.9481	-0.012188
3.56825	74.7756	82.4295	742.188	792.177	-0.004076	-0.005838	31.0487	-0.013125
3.56925	75.4587	81.8828	742.073	792.986	-0.004076	-0.005313	31.5402	-0.01125
3.57025	75.0488	81.8081	742.188	792.859	-0.004076	-0.005313	30.9481	-0.013125
3.57125	75.0488	81.8081	741.845	792.986	-0.004076	-0.002188	30.9481	-0.012813
3.57225	75.0488	81.8828	741.845	792.588	-0.004076	-0.007188	30.8987	-0.010938
3.57325	75.0488	81.8828	741.845	792.859	0.028532	-0.005313	31.1454	-0.011563
3.57425	75.0488	81.8828	742.418	792.859	-0.004076	-0.005838	30.7507	-0.012813
3.57525	74.639	81.8828	742.53	795.045	-0.004076	-0.005838	30.852	-0.011563
3.57625	75.0488	82.0193	742.53	792.588	-0.004076	-0.005313	30.9974	-0.010938
3.57725	74.7756	82.1581	742.53	793.542	-0.004076	-0.005313	30.8987	-0.010313
3.57825	75.3221	82.0193	741.818	791.903	-0.02038	-0.008125	30.6026	-0.012813
3.57925	75.0488	81.8828	741.502	792.588	-0.004076	-0.008875	30.8	-0.011563
3.58025	75.0488	81.7458	741.845	793.133	-0.004076	-0.008583	31.2935	-0.012188
3.58125	75.0488	81.8828	741.502	792.723	-0.004076	-0.005838	30.8987	-0.010938
3.58225	75.1854	81.8828	742.302	793.133	-0.004076	-0.002813	30.7507	-0.012188
3.58325	75.0488	81.8828	741.731	792.723	-0.008152	-0.00825	30.7507	-0.011563
3.58425	75.0488	81.8081	741.731	792.859	0.036685	-0.008875	30.8494	-0.009083
3.58525	74.9122	81.8081	741.731	792.859	-0.004076	-0.005838	30.852	-0.010625
3.58625	74.9122	81.8081	741.731	792.859	-0.004076	-0.008583	30.8	-0.01125
3.58725	74.9122	81.8358	740.931	792.859	-0.004076	-0.005313	30.852	-0.010313

3.58828	75.1854	81.8828	741.731	782.588	-0.004076	-0.006313	30.7507	-0.012813
3.58928	75.5953	82.1561	740.588	791.787	-0.044837	-0.007813	30.1092	-0.015313
3.59028	74.7758	81.8091	741.274	793.133	0.024456	-0.004375	30.7013	-0.012188
3.59128	75.3221	82.0193	741.845	792.859	-0.004076	-0.005313	30.7507	-0.010625
3.59228	75.0488	81.7458	741.818	792.859	-0.004076	-0.004688	30.8026	-0.010938
3.59328	75.0488	81.7458	741.388	793.133	0.028532	-0.002813	30.5533	-0.013125
3.59428	74.5024	81.8828	741.818	793.679	0.028532	-0.005313	30.852	-0.010838
3.59528	75.1854	81.8828	741.818	792.998	-0.004076	-0.005825	30.2572	-0.012188
3.59628	75.1854	82.2928	741.388	793.408	-0.004076	-0.005825	30.5533	-0.01125
3.59728	75.0488	81.8828	741.845	793.133	-0.004076	-0.008875	30.4053	-0.012188
3.59828	75.0488	82.0193	741.16	793.408	-0.004076	-0.00825	30.3559	-0.012188
3.59928	74.7758	81.8828	741.845	793.133	-0.004076	-0.005938	30.3559	-0.010938
3.60028	74.7758	81.8828	741.388	792.45	-0.024456	-0.008438	29.8625	-0.0125
3.60128	75.3221	81.7458	740.703	793.133	0.028532	-0.005825	30.3559	-0.0125
3.60228	74.9122	81.8091	740.474	791.903	-0.004076	-0.004375	30.852	-0.009888
3.60328	75.3221	82.4295	741.388	793.133	-0.004076	-0.005825	29.9812	-0.012813
3.60428	75.0488	81.8828	741.045	792.998	0.02038	-0.003438	30.3559	-0.012188
3.60528	75.1854	81.8091	740.588	792.04	-0.004076	-0.008125	29.9812	-0.012188
3.60628	75.5953	82.2928	740.931	793.133	0.040761	-0.007188	30.2572	-0.011875
3.60728	74.7758	81.3358	740.931	792.588	-0.004076	-0.005938	30.0598	-0.011875
3.60828	75.1854	82.2928	741.16	793.269	-0.004076	-0.005313	29.9812	-0.011583
3.60928	75.0488	81.8091	740.474	793.133	0.024456	-0.005313	30.3559	-0.011583
3.61028	75.0488	82.0193	740.931	792.588	-0.004076	-0.005938	29.9812	-0.011875
3.61128	75.1854	81.8091	739.789	790.874	-0.028532	-0.010313	29.5684	-0.012188
3.61228	75.3221	82.0193	740.36	792.04	-0.004076	-0.00825	30.0598	-0.012813
3.61328	74.9122	81.4724	740.474	792.45	-0.004076	-0.005825	30.5533	-0.010938
3.61428	74.7758	81.3358	740.474	793.133	0.028532	-0.005313	30.1586	-0.010825
3.61528	75.3221	81.8828	740.017	792.859	-0.004076	-0.005938	29.9812	-0.011875
3.61628	75.1854	81.3358	741.16	793.408	-0.004076	-0.008875	29.9812	-0.011875
3.61728	75.3221	81.0622	740.931	793.133	0.02038	-0.005938	30.1092	-0.011583
3.61828	74.839	81.7458	740.931	792.859	0.02038	-0.005938	29.7638	-0.0125
3.61928	75.4587	82.1561	740.36	792.859	-0.004076	-0.004688	29.8625	-0.010313
3.62028	75.0488	81.7458	740.474	794.089	-0.004076	-0.004688	29.7144	-0.012188
3.62128	75.1854	81.8828	740.248	792.313	-0.004076	-0.005938	29.7638	-0.012188
3.62228	75.3221	81.8828	740.017	790.401	-0.036885	-0.008375	29.3197	-0.012813
3.62328	75.1854	81.7458	740.017	792.859	-0.004076	-0.008875	30.0598	-0.012188
3.62428	75.3221	81.8091	740.017	792.04	-0.004076	-0.005938	30.0105	-0.010313
3.62528	75.8885	82.0193	740.017	792.04	-0.004076	-0.006563	29.8651	-0.011583
3.62628	75.3221	81.8828	740.248	791.903	-0.004076	-0.002813	30.0105	-0.010313
3.62728	74.7758	81.4724	739.58	792.04	-0.004076	-0.005825	30.0105	-0.01
3.62828	75.3221	81.8828	739.58	792.04	0.024456	-0.005825	29.7638	-0.01125
3.62928	75.3221	82.1561	740.474	791.903	-0.004076	-0.00875	29.4877	-0.011583
3.63028	75.3221	81.8091	739.58	791.494	-0.012228	-0.008563	29.5684	-0.01125
3.63128	75.1854	81.7458	739.58	792.588	-0.004076	-0.008875	29.6157	-0.010938
3.63228	75.0488	81.8828	739.675	791.767	-0.004076	-0.008563	29.6651	-0.011875
3.63328	74.839	82.4295	740.588	790.847	-0.016304	-0.008563	29.1718	-0.00875
3.63428	75.3221	81.8828	739.332	791.767	-0.004076	-0.00625	29.5171	-0.011583
3.63528	75.0488	81.8828	739.58	792.45	-0.004076	-0.005825	29.5684	-0.010313
3.63628	75.3221	81.7458	739.675	791.484	-0.004076	-0.005825	29.1718	-0.012188
3.63728	75.3221	81.7458	739.332	791.484	-0.004076	-0.004063	29.5171	-0.011583
3.63828	75.1854	82.1561	740.017	792.177	-0.004076	-0.008563	29.3197	-0.011875
3.63928	75.3221	81.7458	739.58	791.767	-0.004076	-0.005938	29.1718	-0.010913

3.64026	75.3221	81.7458	738.418	791.484	-0.004078	-0.008875	29.2703	-0.012188
3.64126	75.1854	81.3358	739.448	791.903	-0.004076	-0.008838	29.369	-0.012813
3.64226	75.1854	81.7458	739.332	792.723	-0.004076	-0.008583	29.1718	-0.010825
3.64326	75.0488	81.8826	739.58	791.494	0.024458	-0.005313	29.7144	-0.010825
3.64426	74.3858	81.3358	738.647	789.855	-0.044837	-0.009888	29.221	-0.011563
3.64526	75.3221	81.8826	739.332	791.22	0.024458	-0.005313	29.5171	-0.012188
3.64626	75.1854	81.8826	739.104	790.947	-0.004076	-0.005838	29.9118	-0.010625
3.64726	75.1854	81.8826	739.104	790.947	-0.004076	-0.005838	29.1718	-0.011563
3.64826	75.1854	81.7458	738.875	790.874	-0.004078	-0.005	29.369	-0.011563
3.64926	75.3221	82.1581	739.332	790.538	-0.004078	-0.007813	29.3197	-0.010313
3.65026	74.9122	81.8091	738.989	790.947	0.028532	-0.005313	29.1718	-0.010825
3.65126	75.1854	81.8091	739.332	791.22	0.018304	-0.005838	29.073	-0.012813
3.65226	75.1854	81.8826	738.647	789.581	-0.018304	-0.008875	29.073	-0.01125
3.65326	75.1854	81.8826	738.647	790.128	-0.004076	-0.005313	29.0236	-0.010838
3.65426	74.9122	81.8826	738.875	789.581	0.02038	-0.005313	29.1718	-0.010838
3.65526	75.1854	81.8826	739.58	789.308	-0.004078	-0.005838	29.221	-0.008438
3.65626	75.3221	81.8826	737.961	788.625	0.018304	-0.008583	28.8758	-0.013125
3.65726	75.3221	81.7458	738.19	789.308	-0.012228	-0.005313	29.369	-0.011875
3.65826	75.3221	81.7458	737.733	789.035	0.024458	-0.004888	29.1223	-0.010825
3.65926	75.3221	81.8826	738.533	788.762	-0.004076	-0.004888	28.9743	-0.012188
3.66026	75.0488	81.8826	738.19	788.352	-0.004078	-0.005838	28.9249	-0.01125
3.66126	75.3221	82.0193	738.19	788.762	-0.004078	-0.00825	28.9249	-0.012188
3.66226	75.3221	81.8826	737.961	787.943	-0.004076	-0.008583	28.9743	-0.010313
3.66326	75.4587	82.1581	737.619	787.688	-0.004076	-0.005838	28.8758	-0.011563
3.66426	75.0488	81.7458	737.961	788.762	-0.004076	-0.005313	28.9249	-0.012188
3.66526	75.3221	82.1581	737.733	787.688	-0.004076	-0.00825	29.1718	-0.010825
3.66626	75.5953	82.1581	738.875	787.388	-0.004078	-0.005825	28.7275	-0.008375
3.66726	74.5024	82.1581	737.619	787.123	-0.004076	-0.008583	28.8758	-0.012188
3.66826	74.5024	81.3358	737.278	786.986	-0.004076	-0.005313	29.2703	-0.010838
3.66926	75.0488	82.0193	738.19	786.577	-0.004078	-0.005313	28.7789	-0.011563
3.67026	74.7758	81.8826	738.19	787.396	-0.004076	-0.003438	28.8282	-0.011563
3.67126	75.3221	81.8826	737.847	787.388	-0.004076	-0.008583	28.7275	-0.011563
3.67226	75.0488	81.7458	737.505	786.44	0.02038	-0.00825	28.7275	-0.012813
3.67326	75.3221	81.7458	737.182	785.484	0.028532	-0.005313	28.7789	-0.0125
3.67426	75.0488	81.3358	737.182	785.484	-0.004076	-0.007188	28.5795	-0.011875
3.67526	75.0488	81.8826	737.182	786.577	-0.004076	-0.007813	28.8758	-0.011563
3.67626	75.5953	81.8826	737.619	784.938	-0.004078	-0.00825	28.7275	-0.012813
3.67726	75.0488	81.3358	737.278	784.391	-0.008152	-0.008875	28.3821	-0.010838
3.67826	75.1854	81.7458	736.819	784.685	-0.004076	-0.007188	28.5302	-0.012188
3.67926	75.3221	81.7458	737.182	784.801	-0.004078	-0.007813	28.5795	-0.012813
3.68026	75.3221	81.8826	737.278	784.685	-0.004078	-0.005825	28.8758	-0.010313
3.68127	75.3221	82.1581	737.278	784.391	-0.004078	-0.008583	28.4808	-0.011875
3.68227	75.3221	82.2928	737.278	784.685	-0.004078	-0.004888	28.4808	-0.012188
3.68327	74.9122	81.8091	736.819	783.572	-0.004076	-0.007813	28.4808	-0.012813
3.68427	75.3221	81.8826	737.048	783.572	0.02038	-0.007188	28.5302	-0.011563
3.68527	75.0488	81.8826	737.278	783.708	-0.004076	-0.005838	28.7789	-0.008438
3.68627	74.7758	81.3358	736.02	784.118	-0.004076	-0.008583	28.6782	-0.010313
3.68727	75.1854	81.8826	736.819	782.206	-0.004076	-0.005313	28.5302	-0.010838
3.68827	75.0488	81.7458	737.182	782.206	-0.004078	-0.005825	28.6289	-0.008083
3.68927	74.9122	82.2928	736.382	781.833	-0.016304	-0.007188	28.1847	-0.014888
3.69027	75.3221	81.8091	736.705	782.618	-0.004078	-0.005313	28.0236	-0.010825
3.69127	75.0488	82.0193	736.591	781.523	0.02038	-0.004375	28.3821	-0.012813

3.69227	75.1854	82.0193	736.362	781.933	-0.004076	-0.005313	28.3821	-0.011663
3.69327	75.7318	82.4285	736.705	781.933	0.020398	-0.005938	28.6289	-0.011663
3.69427	74.639	81.4724	735.906	781.113	-0.004076	-0.006875	28.4806	-0.011875
3.69527	75.5953	82.1581	736.362	780.84	0.052989	-0.006563	28.3821	-0.011875
3.69627	75.0488	82.0193	736.591	780.84	-0.004076	-0.005313	28.4315	-0.010938
3.69727	75.4587	82.0193	736.477	780.84	-0.004076	-0.006825	28.4806	-0.011563
3.69827	75.0488	81.7458	736.591	780.021	-0.004076	-0.006563	28.3821	-0.012188
3.69927	74.7756	81.3358	736.591	778.928	-0.004076	-0.005838	28.3328	-0.008438
3.70027	75.4587	82.1581	736.362	779.884	-0.004076	-0.007188	28.4806	-0.012813
3.70127	75.3221	81.8828	736.134	779.748	0.020398	-0.004688	28.3821	-0.012188
3.70227	75.3221	81.8828	736.362	779.474	-0.004076	-0.006563	28.3328	-0.012188
3.70327	74.7756	81.8091	735.677	778.866	-0.004076	-0.004063	28.3821	-0.011563
3.70427	75.0488	81.8828	736.362	777.835	0.024456	-0.005825	28.1847	-0.011875
3.70527	75.0488	81.8828	735.677	777.289	-0.004076	-0.005938	28.4315	-0.012188
3.70627	75.3221	81.8091	735.22	778.743	0.028532	-0.005313	28.4315	-0.011563
3.70727	75.0488	81.7458	736.02	777.835	-0.004076	-0.005313	28.5302	-0.011563
3.70827	74.7756	81.8091	735.677	778.245	0.020398	-0.005313	28.2834	-0.010313
3.70927	74.5024	81.7458	735.791	778.47	-0.004076	-0.006875	28.3328	-0.010938
3.71027	75.3221	82.0193	736.591	776.743	-0.004076	-0.005313	28.0861	-0.011563
3.71127	75.1854	81.7458	735.22	776.196	-0.004076	-0.006563	28.1847	-0.012188
3.71227	75.1854	81.8828	735.449	775.923	0.018304	-0.005838	28.3821	-0.012188
3.71327	75.3221	81.8828	735.583	774.831	-0.004076	-0.006563	28.2341	-0.013438
3.71427	74.639	82.0193	735.791	775.85	0.028532	-0.005313	28.3328	-0.011563
3.71527	74.7756	82.1581	735.677	775.377	0.024456	-0.004063	28.0861	-0.012188
3.71627	75.8685	82.1581	735.106	775.377	-0.004076	-0.007188	28.3328	-0.010938
3.71727	75.3221	81.7458	735.22	774.421	0.028532	-0.005313	28.1847	-0.011563
3.71827	75.3221	82.1581	735.449	774.148	-0.004076	-0.007819	28.1354	-0.010625
3.71927	75.0488	81.4724	735.334	774.967	-0.004076	-0.005825	28.3821	-0.010938
3.72027	74.7756	81.8091	735.449	773.485	-0.004076	-0.005825	28.1354	-0.011563
3.72127	75.3221	81.7458	735.449	772.782	-0.004076	-0.005313	28.3821	-0.009063
3.72227	75.3221	81.8828	734.992	772.236	-0.004076	-0.006875	28.0861	-0.011563
3.72327	74.9122	81.0622	734.992	773.182	-0.004076	-0.005313	28.2341	-0.012188
3.72427	74.7756	81.1889	734.535	772.372	0.024456	-0.004063	28.1847	-0.011563
3.72527	75.3221	82.0193	734.535	772.089	-0.004076	-0.005938	28.1847	-0.012813
3.72627	75.3221	82.2828	735.449	771.553	-0.004076	-0.004375	27.8887	-0.013125
3.72727	75.3221	82.0193	734.535	771.143	-0.004076	-0.009063	27.9674	-0.011563
3.72827	75.3221	82.0193	734.878	771.006	0.044837	-0.007188	28.0367	-0.011875
3.72927	75.7319	82.1581	734.878	770.597	-0.004076	-0.006563	28.1847	-0.011563
3.73027	75.1854	81.8828	735.106	771.553	-0.004076	-0.007188	28.0861	-0.010938
3.73127	74.9122	81.8091	734.535	769.094	-0.004076	-0.007188	28.1847	-0.011563
3.73227	75.3221	81.8828	734.306	769.094	-0.008152	-0.007188	27.938	-0.008125
3.73327	75.3221	82.2828	734.783	768.958	-0.004076	-0.00825	28.0861	-0.012188
3.73427	75.3221	81.8828	734.535	769.094	-0.012228	-0.00825	28.4806	-0.01125
3.73527	75.3221	81.8828	734.992	768.548	-0.008152	-0.006875	28.1847	-0.010938
3.73627	75.1854	81.8828	734.192	768.548	-0.004076	-0.00825	28.1847	-0.010313
3.73727	75.5953	82.1581	734.078	768.548	-0.004076	-0.005313	28.1847	-0.010938
3.73827	75.5953	81.8091	734.078	768.002	-0.004076	-0.006563	27.9674	-0.011563
3.73927	75.3221	82.0193	733.621	767.455	0.028532	-0.006563	28.1847	-0.010938
3.74027	75.1854	81.8828	733.621	767.182	-0.004076	-0.007819	27.9674	-0.011875
3.74127	75.3221	81.8091	734.421	768.411	-0.004076	-0.005825	27.79	-0.012188
3.74227	75.1854	81.8828	734.078	768.909	-0.004076	-0.005938	27.9674	-0.011563
3.74327	75.1854	81.7458	733.984	768.383	-0.004076	-0.006563	27.9674	-0.011563

3.74427	75.3221	81.7458	733.621	766.489	-0.004078	-0.005313	27.9874	-0.012813
3.74527	74.9122	81.6091	733.507	766.363	-0.004078	-0.006583	27.8887	-0.012188
3.74627	75.0488	81.7458	733.735	766.089	-0.004078	-0.005838	28.3821	-0.011563
3.74727	75.3221	81.6091	734.078	765.406	-0.004078	-0.005825	27.8887	-0.011875
3.74827	75.7319	82.1581	733.393	765.133	-0.004078	-0.002813	27.9874	-0.011875
3.74927	74.7756	81.7458	733.85	765.133	-0.004078	-0.00625	27.8887	-0.012188
3.75027	75.0488	81.6091	733.393	764.45	0.024458	-0.005313	27.9874	-0.010838
3.75127	75.1854	81.8826	733.164	763.767	-0.004078	-0.007188	27.8393	-0.010838
3.75227	75.3221	81.8826	733.393	765.133	-0.004078	-0.006583	27.79	-0.010838
3.75327	75.1854	81.8826	732.936	762.811	-0.006162	-0.007188	28.1847	-0.01125
3.75427	75.3221	81.6091	733.507	763.221	-0.004078	-0.00625	27.9874	-0.010313
3.75527	75.5953	82.1581	733.393	762.948	-0.004078	-0.006583	27.9874	-0.011563
3.75627	75.1854	81.6091	732.707	762.538	-0.004078	-0.007188	27.8887	-0.012188
3.75727	75.8885	82.1581	732.593	761.992	-0.004078	-0.005838	27.9874	-0.010313
3.75827	75.3221	82.1581	732.479	761.992	-0.004078	-0.005825	28.0861	-0.010838
3.75927	75.4587	81.7458	732.707	762.265	-0.004078	-0.004375	27.8393	-0.012813
3.76027	74.7756	81.3358	732.936	761.855	-0.004078	-0.006583	27.8887	-0.011563
3.76127	74.7756	81.3358	732.593	761.172	0.028532	-0.007188	27.8393	-0.011563
3.76227	75.3221	82.1581	732.707	760.899	-0.02038	-0.00625	27.8887	-0.012813
3.76327	75.1854	81.8826	733.164	761.719	-0.004078	-0.005838	27.9874	-0.011563
3.76427	75.3221	82.0193	732.707	760.363	-0.004078	-0.006583	27.79	-0.012813
3.76527	74.639	81.4724	732.707	760.08	-0.004078	-0.008875	27.8887	-0.010313
3.76627	75.3221	81.8826	732.707	760.08	-0.004078	-0.007813	27.5433	-0.012813
3.76727	75.5953	81.8826	732.385	759.807	-0.004078	-0.006825	27.8887	-0.014063
3.76827	75.1854	81.8826	732.707	759.533	-0.004078	-0.005313	28.2341	-0.010313
3.76927	75.7319	82.1581	732.479	759.807	0.02038	-0.00375	27.9874	-0.010625
3.77027	75.3221	81.8826	732.022	758.714	-0.004078	-0.001583	28.0861	-0.010313
3.77127	75.1854	81.6091	732.022	758.441	-0.004078	-0.005838	27.8887	-0.011875
3.77227	75.1854	81.8826	732.593	758.714	0.052989	-0.005838	27.8887	-0.013125
3.77327	75.1854	81.8826	732.136	758.441	-0.004078	-0.006875	27.8393	-0.012813
3.77427	74.639	81.3358	732.385	758.031	0.024458	-0.007188	28.1354	-0.011563
3.77527	75.0488	81.8826	732.022	757.758	-0.004078	-0.007813	27.9874	-0.011563
3.77627	75.3221	81.7458	732.251	756.802	-0.004078	-0.005825	27.8887	-0.012188
3.77727	75.1854	81.6091	732.707	757.075	-0.004078	-0.006875	27.8913	-0.012188
3.77827	75.0488	81.8826	731.794	756.802	-0.004078	-0.005838	28.1847	-0.011875
3.77927	75.1854	81.4724	730.88	757.075	-0.004078	-0.005838	28.2834	-0.012188
3.78027	75.3221	81.8826	731.565	756.382	0.024458	-0.005313	27.7406	-0.0125
3.78127	75.5953	82.4295	732.593	756.938	0.028532	-0.002813	27.9874	-0.011563
3.78227	75.1854	81.8826	732.022	755.846	0.028532	-0.004688	27.938	-0.010313
3.78327	75.0488	81.8826	731.794	755.709	0.048913	-0.005838	27.9874	-0.011563
3.78427	75.1854	81.7458	731.565	755.436	-0.004078	-0.006875	27.938	-0.012188
3.78527	75.0488	81.7458	731.337	756.529	-0.004078	-0.006875	28.0861	-0.010313
3.78627	75.1854	81.8826	731.451	754.816	-0.004078	-0.0075	27.9874	-0.009688
3.78727	75.3221	81.6091	731.794	754.753	-0.004078	-0.006875	27.938	-0.009688
3.78827	75.3221	82.0193	730.88	753.524	-0.02038	-0.009688	27.5928	-0.012813
3.78927	74.639	81.6091	730.423	753.797	-0.004078	-0.006583	28.0861	-0.011563
3.79027	75.1854	81.7458	730.88	753.797	-0.004078	-0.006583	28.3328	-0.010625
3.79127	75.3221	81.8826	730.88	753.797	-0.004078	-0.005838	27.9874	-0.01125
3.79227	75.0488	81.6091	731.337	753.797	0.02038	-0.003438	28.0861	-0.010313
3.79327	75.0488	81.7458	731.337	753.797	0.024458	-0.005825	27.938	-0.012188
3.79427	74.7756	81.3358	730.537	752.977	0.028532	-0.005313	28.2834	-0.011563
3.79527	75.3221	81.8826	730.195	753.524	-0.004078	-0.00625	28.1847	-0.011563

3.79827	75.3221	81.8828	730.88	752.568	-0.004078	-0.005313	28.1847	-0.011583
3.79727	75.0488	81.8828	730.851	753.251	-0.004078	-0.006875	27.8393	-0.012188
3.79827	75.3221	81.8828	730.309	751.612	-0.004078	-0.005313	28.1847	-0.009063
3.79827	75.0488	81.8828	730.309	750.792	-0.012228	-0.006875	27.7406	-0.012813
3.80027	75.5953	82.2928	730.423	751.612	-0.008152	-0.006583	28.0387	-0.0125
3.80127	75.0488	81.7458	730.851	751.475	-0.004078	-0.005938	28.2834	-0.010838
3.80227	74.639	81.8091	730.423	751.339	0.02038	-0.005825	27.9874	-0.012813
3.80327	75.3221	82.0193	730.423	750.858	-0.004078	-0.003438	28.1847	-0.01125
3.80427	75.5953	82.2928	730.851	751.085	0.02038	-0.005825	28.3328	-0.010313
3.80527	75.5953	82.1581	730.423	750.519	0.057065	-0.008563	28.1354	-0.012813
3.80627	75.0488	81.7458	730.309	750.519	-0.004078	-0.008563	28.2834	-0.011875
3.80727	75.3221	81.8828	729.988	749.873	-0.004078	-0.008875	28.2341	-0.01125
3.80827	75.3221	81.7458	730.423	749.873	-0.004078	-0.005313	28.2341	-0.011875
3.80927	75.5953	82.2928	730.851	749.873	-0.004078	-0.007813	27.9874	-0.012813
3.81027	75.3221	81.7458	729.852	747.851	-0.036885	-0.009063	27.5828	-0.012813
3.81127	75.5953	82.2928	729.509	748.807	-0.004078	-0.008875	27.988	-0.01125
3.81227	75.3221	81.8091	729.395	748.334	-0.02038	-0.008563	28.4808	-0.010313
3.81327	75.3221	82.1581	729.988	748.807	-0.004078	-0.008875	28.1354	-0.012188
3.81427	75.3221	81.7458	728.738	748.743	-0.004078	-0.003438	28.2834	-0.010838
3.81527	75.3221	81.8828	728.852	748.88	0.024458	-0.005313	28.4315	-0.010825
3.81627	75.7319	82.2928	730.309	748.807	0.036885	-0.005825	28.2341	-0.011875
3.81727	75.3221	81.8828	729.509	747.787	-0.004078	-0.005825	28.1847	-0.010838
3.81827	75.3221	81.7458	728.852	749.017	-0.004078	-0.005838	28.2341	-0.010838
3.81927	75.1854	82.0193	729.509	747.787	-0.004078	-0.005313	28.0881	-0.010825
3.82028	74.7758	81.3356	728.052	747.241	-0.004078	-0.008563	28.2834	-0.009888
3.82128	75.1854	81.7458	728.598	745.875	-0.024458	-0.010313	28.0881	-0.013438
3.82228	75.1854	81.8828	728.598	748.895	-0.004078	-0.008563	28.1847	-0.012813
3.82328	75.3221	81.7458	729.052	746.895	-0.004078	-0.005313	28.9743	-0.010838
3.82428	74.7758	81.8828	729.052	746.422	-0.004078	-0.008563	28.2341	-0.012188
3.82528	75.1854	82.0193	729.052	746.558	-0.004078	-0.004888	28.3821	-0.011563
3.82628	74.7758	82.0193	729.509	746.895	-0.004078	-0.005825	28.5302	-0.012188
3.82728	75.1854	81.7458	728.71	746.422	0.036885	-0.005313	28.2834	-0.013125
3.82828	75.7319	82.2928	728.598	745.802	-0.004078	-0.008125	28.0881	-0.011583
3.82928	75.3221	81.8828	729.052	748.012	-0.004078	-0.008563	28.3821	-0.012188
3.83028	75.3221	81.8828	728.824	746.148	-0.004078	-0.007813	28.2834	-0.011875
3.83128	75.3221	82.2928	728.824	744.509	-0.004078	-0.008563	28.3821	-0.012188
3.83228	75.3221	81.7458	727.225	743.28	-0.052989	-0.010313	27.8887	-0.01375
3.83328	75.4587	82.1581	728.139	743.983	-0.004078	-0.00825	28.3821	-0.010313
3.83428	75.1854	82.4285	728.938	743.983	-0.004078	-0.00838	28.7769	-0.010825
3.83528	75.3221	81.8828	728.481	744.783	-0.004078	-0.00825	28.3821	-0.010838
3.83628	75.5953	82.0193	729.052	746.485	0.036885	-0.003438	28.4808	-0.011583
3.83728	74.7758	81.4724	728.824	744.848	-0.004078	-0.008563	28.3821	-0.011583
3.83828	75.0488	81.7458	728.481	745.058	0.061141	-0.007188	28.4808	-0.012188
3.83928	74.639	81.8091	728.367	744.373	-0.004078	-0.008563	28.5785	-0.011583
3.84028	75.7319	81.3356	728.139	744.509	-0.004078	-0.00838	28.7275	-0.012188
3.84128	75.1854	81.8828	728.367	744.848	-0.004078	-0.008563	28.3821	-0.011583
3.84228	74.7758	81.3356	727.682	742.87	-0.012228	-0.008875	28.5785	-0.011583
3.84328	75.5953	82.4285	727.795	742.87	-0.052989	-0.010938	27.9874	-0.014083
3.84428	75.0488	81.8828	727.91	743.89	-0.004078	-0.005938	28.5785	-0.012813
3.84528	75.3221	81.8828	728.024	744.236	-0.004078	-0.00825	28.7769	-0.010838
3.84628	75.3221	81.8828	727.91	743.983	-0.004078	-0.005938	28.5302	-0.012188
3.84728	75.3221	81.8828	728.024	743.983	-0.004078	-0.003125	28.7275	-0.011583

3.84828	75.1854	81.8826	728.139	743.89	-0.004076	-0.007813	28.5302	-0.011583
3.84928	75.3221	81.8826	727.91	743.28	0.024456	-0.007188	28.7275	-0.011583
3.85028	74.8122	81.8826	728.139	743.553	0.028532	-0.005313	28.5795	-0.011875
3.85128	75.1854	81.8091	727.682	743.417	-0.004076	-0.005838	28.7275	-0.010313
3.85228	75.4587	82.0193	728.139	742.87	-0.004076	-0.007188	28.6782	-0.012188
3.85328	75.1854	82.0193	727.91	743.28	-0.004076	-0.005313	28.0236	-0.01125
3.85428	75.0488	82.1561	728.139	742.734	-0.012228	-0.00675	28.8758	-0.010313
3.85528	75.3221	81.8091	726.997	742.324	-0.004076	-0.006563	28.7769	-0.01375
3.85628	75.3221	81.7458	727.682	742.87	-0.004076	-0.006875	28.073	-0.01125
3.85728	75.0488	81.8826	727.682	742.87	0.02038	-0.005625	28.6782	-0.012813
3.85828	75.4587	81.8091	727.225	742.87	0.02038	-0.005313	28.6289	-0.010625
3.85928	75.3221	81.8826	727.225	742.87	-0.004076	-0.005625	28.6782	-0.01125
3.86028	75.1854	82.1561	727.91	742.734	-0.004076	-0.006563	28.9743	-0.010938
3.86128	75.5953	81.8826	727.568	742.324	-0.004076	-0.005838	28.5795	-0.01125
3.86228	75.1854	81.8826	727.225	742.87	-0.004076	-0.005838	28.7275	-0.010313
3.86328	75.5953	81.4724	727.225	744.238	-0.004076	-0.006563	28.7769	-0.010625
3.86428	75.0488	82.0193	727.682	741.778	-0.004076	-0.007188	28.7769	-0.010938
3.86528	75.0488	81.8826	728.768	741.368	-0.02038	-0.007813	28.5302	-0.0125
3.86628	75.4587	82.2928	728.768	742.051	-0.004076	-0.006875	28.6782	-0.011563
3.86728	75.3221	82.1561	727.225	742.597	0.028532	-0.005	29.1223	-0.010313
3.86828	75.3221	81.8091	726.768	742.324	-0.004076	-0.006313	28.7275	-0.011875
3.86928	75.0488	82.0193	726.54	741.505	-0.004076	-0.003438	28.9249	-0.010938
3.87028	75.1854	82.0193	726.997	741.778	-0.004076	-0.005838	28.7769	-0.010938
3.87128	74.7758	82.2928	726.997	742.324	-0.004076	-0.006875	28.9743	-0.010625
3.87228	75.3221	81.8826	728.768	742.188	-0.004076	-0.006875	28.7769	-0.011875
3.87328	75.3221	82.1561	727.111	742.188	-0.028532	-0.008438	28.7769	-0.010938
3.87428	75.8685	82.4285	728.682	742.188	-0.004076	-0.007813	28.5795	-0.014375
3.87528	75.3221	81.8826	728.54	741.778	-0.004076	-0.0075	28.7275	-0.01125
3.87628	75.3221	82.4285	727.453	741.505	-0.018304	-0.007813	28.9743	-0.008438
3.87728	75.4587	81.8826	728.187	741.231	-0.004076	-0.0075	28.9249	-0.01125
3.87828	75.3221	82.1561	728.768	742.324	0.024456	-0.005625	28.7275	-0.012188
3.87928	75.1854	81.8091	728.54	742.324	0.028532	-0.005625	28.7769	-0.011583
3.88028	75.3221	81.7458	728.425	741.778	-0.004076	-0.00375	28.7769	-0.011875
3.88128	75.7319	81.3356	728.083	741.641	-0.004076	-0.007813	28.7769	-0.011583
3.88228	75.3221	81.8826	728.882	742.188	-0.004076	-0.00625	28.8756	-0.011583
3.88328	75.1854	81.8091	728.311	741.231	-0.004076	-0.006875	28.7769	-0.01125
3.88428	75.3221	81.8826	728.54	741.505	-0.004076	-0.006875	28.9249	-0.010313
3.88528	75.4587	81.7458	728.083	742.87	-0.02038	-0.007188	28.5302	-0.010938
3.88628	75.1854	81.8826	728.54	741.231	-0.004076	-0.006563	28.9249	-0.010938
3.88728	75.4587	81.8826	727.225	741.505	-0.004076	-0.006563	29.073	-0.008438
3.88828	75.4587	81.8826	728.083	741.778	-0.004076	-0.005625	28.6782	-0.012813
3.88928	75.1854	81.1989	728.197	741.641	-0.004076	-0.005938	29.369	-0.011583
3.89028	75.3221	81.8826	728.768	742.051	-0.004076	-0.006313	28.8262	-0.012188
3.89128	75.5953	81.8826	728.768	742.051	-0.004076	-0.004375	28.9743	-0.011583
3.89228	75.4587	81.8826	728.311	741.778	-0.004076	-0.007188	29.1716	-0.010938
3.89328	75.4587	82.1561	728.311	741.641	0.028532	-0.006313	28.7769	-0.011583
3.89428	75.3221	81.8826	728.083	741.505	-0.004076	-0.006563	29.0236	-0.01125
3.89528	75.4587	82.1561	726.997	741.914	-0.004076	-0.00625	28.9743	-0.01125
3.89628	75.3221	82.1561	727.111	742.597	-0.004076	-0.006875	29.073	-0.010913
3.89728	74.6024	81.4724	725.626	741.231	-0.004076	-0.006563	28.9743	-0.011583
3.89828	75.3221	81.8826	728.54	741.368	-0.004076	-0.005938	29.073	-0.008438
3.89928	75.3221	82.0193	725.283	740.958	-0.004076	-0.007813	28.9743	-0.012813

3.90028	75.3221	82.0193	725.854	741.231	0.028532	-0.006583	28.221	-0.011563
3.90128	75.1854	81.8826	725.063	741.778	0.02038	-0.005313	28.7789	-0.011563
3.90228	75.3221	81.8826	725.854	742.324	0.028532	-0.004688	28.9249	-0.012813
3.90328	74.9122	81.8091	725.397	741.505	-0.004076	-0.005313	29.1716	-0.011563
3.90428	75.5953	82.0193	725.74	741.841	-0.004076	-0.007813	29.0236	-0.010938
3.90528	75.7319	81.3356	725.397	741.085	0.028532	-0.007188	28.9743	-0.011563
3.90628	75.1854	81.8826	725.826	741.231	-0.004076	-0.007188	28.8262	-0.011875
3.90728	75.3221	81.8826	725.854	742.734	-0.004076	-0.008875	28.9249	-0.011875
3.90828	75.3221	81.8826	725.74	740.885	-0.004076	-0.007188	28.8782	-0.010938
3.90928	74.7758	81.7458	725.989	741.231	0.02038	-0.005563	28.9743	-0.009083
3.91028	75.1854	81.8826	724.941	740.412	-0.012228	-0.009083	28.7789	-0.014888
3.91128	75.3221	81.8826	725.397	741.231	-0.004076	-0.006583	28.9249	-0.010938
3.91228	75.3221	82.0193	726.197	741.505	-0.004076	-0.005313	28.9743	-0.012813
3.91328	75.1854	81.7458	725.397	741.505	-0.004076	-0.002813	29.0236	-0.010938
3.91428	75.8685	81.8826	724.826	741.505	-0.004076	-0.008875	28.9743	-0.011563
3.91528	75.7319	82.4285	725.826	741.231	-0.004076	-0.00625	28.9743	-0.011563
3.91628	75.3221	81.8826	725.283	741.231	0.02038	-0.007188	28.9743	-0.011875
3.91728	75.3221	81.8826	725.283	741.505	-0.004076	-0.008875	28.8262	-0.010938
3.91828	75.0488	81.8826	724.712	742.324	0.028532	-0.005313	28.9743	-0.010313
3.91928	75.8685	82.0193	725.283	740.549	-0.008152	-0.007188	28.9249	-0.010313
3.92028	75.3221	81.3356	726.311	741.778	-0.004076	-0.005313	28.7275	-0.008438
3.92128	75.3221	81.7458	724.826	741.778	-0.008152	-0.006583	28.7275	-0.013438
3.92228	75.1854	82.0193	725.397	741.231	0.024456	-0.004083	29.0236	-0.011563
3.92328	75.3221	81.8826	725.74	741.778	0.032609	-0.004888	29.0236	-0.011563
3.92428	75.0488	81.7458	724.941	741.778	0.040761	-0.004888	28.8756	-0.012188
3.92528	75.5953	82.4285	725.397	741.388	0.02038	-0.002813	29.1716	-0.01125
3.92628	75.1854	81.8826	724.941	741.778	-0.004076	-0.00825	29.1716	-0.011563
3.92728	75.5953	82.1561	725.397	741.095	0.028532	-0.005313	28.8756	-0.012813
3.92828	75.3221	81.8826	725.169	741.841	-0.004076	-0.006583	28.9743	-0.012188
3.92928	75.0488	81.8091	724.826	742.597	-0.004076	-0.006583	28.8262	-0.010938
3.93028	75.8685	81.8091	724.255	740.412	-0.004076	-0.006583	28.8756	-0.011875
3.93128	75.3221	82.0193	724.941	741.841	-0.004076	-0.006583	28.9743	-0.009688
3.93228	75.0488	81.8091	725.055	741.095	-0.004076	-0.008125	28.8756	-0.011875
3.93328	75.3221	82.2828	725.397	741.778	0.024456	-0.006583	29.221	-0.011563
3.93428	74.639	81.3356	724.37	740.885	-0.008152	-0.005838	28.8756	-0.010938
3.93528	75.3221	81.8826	724.941	741.231	-0.004076	-0.004888	28.8756	-0.011563
3.93628	75.8685	81.3356	724.598	741.231	-0.004076	-0.005825	28.7789	-0.010313
3.93728	75.5953	81.8826	725.169	740.412	-0.004076	-0.0075	28.7789	-0.011563
3.93828	75.3221	82.1561	725.74	741.388	0.048913	-0.004888	28.7789	-0.012813
3.93928	75.0488	81.8091	724.941	741.388	-0.004076	-0.006583	28.8782	-0.011563
3.94028	75.4587	82.1561	724.712	741.778	-0.004076	-0.006583	28.7789	-0.010938
3.94128	75.0488	81.8826	724.484	741.505	-0.004076	-0.006583	28.7275	-0.011875
3.94228	75.3221	81.4724	725.283	741.231	-0.004076	-0.008693	28.8782	-0.009688
3.94328	75.3221	81.8826	724.712	740.885	-0.004076	-0.00825	28.8756	-0.012188
3.94428	75.4587	81.4724	724.484	741.505	-0.004076	-0.005825	29.073	-0.011563
3.94528	75.4587	82.1561	725.397	741.778	-0.004076	-0.005	28.9249	-0.011563
3.94628	75.4587	82.4285	724.027	740.958	-0.004076	-0.004083	28.8782	-0.0125
3.94728	75.0488	81.7458	724.826	741.505	-0.004076	-0.005313	28.9249	-0.010313
3.94828	75.0488	81.8826	724.027	741.231	-0.004076	-0.006583	28.7789	-0.010625
3.94928	75.3221	81.8091	724.598	741.778	0.044837	-0.005838	28.8782	-0.010938
3.95028	75.3221	81.7458	725.169	741.505	-0.004076	-0.005313	28.9743	-0.010313
3.95128	75.4587	82.4285	725.512	742.87	0.02038	-0.005838	28.8756	-0.011563

3.95228	75.4587	81.7458	724.826	741.778	-0.004078	-0.005313	28.1716	-0.010313
3.95328	74.7756	81.8826	725.055	741.231	-0.004078	-0.00625	28.9743	-0.010313
3.95428	75.3221	82.1561	724.027	740.958	-0.004078	-0.006563	28.7769	-0.012813
3.95528	75.0488	81.7458	724.484	741.505	-0.004078	-0.00625	29.1716	-0.009888
3.95628	75.3221	81.8826	724.484	741.231	-0.004078	-0.005313	29.073	-0.011875
3.95728	75.3221	81.8826	724.712	741.641	0.024458	-0.005313	28.7769	-0.010825
3.95828	75.5953	81.8826	724.37	741.368	0.036885	-0.004063	28.9743	-0.010825
3.95928	75.3221	81.8826	724.484	741.778	-0.004078	-0.006563	28.9743	-0.010313
3.96028	75.3221	81.8826	724.141	741.095	0.024458	-0.00625	28.7769	-0.011563
3.96128	75.8885	81.1969	724.484	740.958	-0.012228	-0.007813	28.6782	-0.011563
3.96228	75.3221	81.7458	724.255	742.734	-0.004078	-0.005625	28.6782	-0.011563
3.96328	75.3221	82.0193	724.255	740.885	-0.004078	-0.006563	28.6795	-0.013438
3.96428	75.5953	82.0193	724.941	741.914	0.028532	-0.006875	28.6269	-0.012813
3.96528	75.4587	81.8826	724.712	740.885	-0.004078	-0.005938	28.7275	-0.011563
3.96628	75.3221	81.8826	724.484	741.368	-0.004078	-0.005938	29.0236	-0.011563
3.96728	75.3221	81.6091	723.913	741.095	-0.004078	-0.005625	28.7769	-0.011563
3.96828	75.3221	81.8826	724.255	741.368	-0.004078	-0.005313	28.7275	-0.010825
3.96928	75.4587	82.0193	724.37	741.231	-0.004078	-0.004063	28.7275	-0.010938
3.97028	75.5953	81.6091	724.027	741.641	-0.004078	-0.007188	28.5795	-0.010938
3.97128	74.7756	81.1969	724.141	741.231	0.028532	-0.006875	28.6269	-0.011563
3.97228	75.3221	81.8826	724.255	741.641	-0.004078	-0.005938	28.6782	-0.010313
3.97328	75.3221	81.7458	724.027	742.324	-0.004078	-0.005938	28.6782	-0.011563
3.97428	74.7756	81.1969	723.342	740.885	-0.004078	-0.00625	29.073	-0.011563
3.97528	75.3221	81.6091	724.255	741.231	-0.004078	-0.006563	28.5795	-0.009888
3.97628	75.7319	81.3356	723.57	741.095	-0.004078	-0.005938	28.7275	-0.012188
3.97728	75.0488	81.7458	723.798	740.885	-0.004078	-0.006563	28.7769	-0.010313
3.97828	75.4587	82.0193	724.255	741.095	0.024458	-0.004688	29.073	-0.012813
3.97928	74.7756	81.8826	724.255	741.231	0.02038	-0.005313	28.6782	-0.010825
3.98028	75.8885	81.6091	723.57	741.231	0.028532	-0.004375	28.7275	-0.011875
3.98128	75.3221	81.8826	724.484	741.778	0.024458	-0.006875	28.7769	-0.011876
3.98228	75.3221	81.8826	723.913	741.095	0.02038	-0.007813	28.7769	-0.012188
3.98328	75.7319	82.4295	724.712	741.641	-0.004078	-0.00625	28.7769	-0.012188
3.98428	75.3221	81.7458	724.484	742.051	0.024458	-0.005313	28.7769	-0.010313
3.98528	75.5953	82.2928	724.255	740.885	-0.02038	-0.006563	28.7769	-0.010938
3.98628	75.4587	81.6091	723.913	741.095	-0.004078	-0.006563	28.7275	-0.010938
3.98728	75.4587	82.4295	723.227	740.002	-0.012228	-0.007813	28.5795	-0.011875
3.98828	75.0488	81.8826	723.57	741.231	-0.004078	-0.007188	28.4808	-0.011875
3.98928	75.7319	82.0193	724.027	741.368	-0.004078	-0.006875	28.9743	-0.010938
3.99028	75.5953	82.1561	724.255	741.505	-0.004078	-0.007188	28.3821	-0.012813
3.99128	75.3221	81.8826	723.798	741.778	-0.004078	-0.004688	28.7769	-0.010938
3.99228	75.0488	81.6091	724.255	742.051	0.024458	-0.005313	28.7769	-0.010938
3.99328	75.3221	81.8826	724.027	741.505	0.028532	-0.005313	28.7769	-0.01125
3.99428	75.0488	81.8826	724.484	742.051	0.02038	-0.004688	28.9743	-0.010938
3.99528	75.4587	82.0193	724.027	743.28	-0.004078	-0.005938	28.7275	-0.010938
3.99628	75.3221	81.8826	723.57	741.641	-0.004078	-0.005938	28.7275	-0.012813
3.99728	75.3221	81.8826	723.913	741.231	-0.004078	-0.006875	28.6782	-0.010825
3.99828	74.5024	81.8826	723.798	740.885	-0.004078	-0.006875	28.4808	-0.013125
3.99928	75.3221	81.8826	722.885	740.885	-0.004078	-0.006875	28.7769	-0.014063
4.00028	75.3221	81.7458	723.798	741.368	-0.004078	-0.005313	28.7275	-0.012188
4.00128	75.4587	82.4295	723.113	740.958	-0.004078	-0.00625	28.6269	-0.012188
4.00228	75.7319	81.3356	723.456	741.778	0.02038	-0.003438	28.7769	-0.010825
4.00328	75.4587	81.6091	723.456	741.505	-0.004078	-0.007188	28.5795	-0.011563

4.00429	75.4587	81.4724	722.885	740.685	0.036885	-0.007813	29.073	-0.010838
4.00529	75.3221	82.0193	724.255	741.641	-0.004078	-0.007813	28.6782	-0.012188
4.00629	74.9122	81.8826	723.57	741.368	-0.004078	-0.00825	28.5795	-0.01125
4.00729	75.8685	82.4295	724.027	741.231	-0.004078	-0.008438	28.5302	-0.01125
4.00829	75.3221	81.8826	724.141	741.641	0.024458	-0.005938	28.5795	-0.011563
4.00929	75.1854	81.8826	722.999	740.685	-0.02038	-0.008125	28.1847	-0.012813
4.01029	75.3221	82.2928	723.57	740.685	-0.004078	-0.006625	28.7769	-0.012188
4.01129	75.3221	81.8826	723.57	741.778	-0.004078	-0.006625	28.6756	-0.011875
4.01229	75.3221	81.8826	723.57	741.231	-0.004078	-0.006938	28.6782	-0.010825
4.01329	75.7319	82.2928	723.57	741.641	0.028532	-0.002188	28.7275	-0.008375
4.01429	75.3221	81.7458	723.227	741.505	-0.004078	-0.008583	28.6782	-0.011563
4.01529	74.9122	81.8091	723.798	741.778	0.052989	-0.008583	28.3821	-0.012813
4.01629	75.3221	81.8826	723.57	742.87	0.02038	-0.00625	28.3821	-0.013125
4.01729	75.8685	82.4295	722.656	740.139	-0.012228	-0.008125	28.7769	-0.010838
4.01829	74.7756	81.7458	722.999	741.368	-0.008152	-0.007188	28.5795	-0.011563
4.01929	75.3221	81.8091	723.342	741.095	-0.004078	-0.005313	28.6782	-0.010313
4.02029	75.3221	81.8091	723.456	741.231	-0.008152	-0.007188	28.3821	-0.013438
4.02129	75.4587	82.0193	723.342	741.505	0.02038	-0.005313	28.6782	-0.011875
4.02229	75.3221	81.7458	723.342	741.231	-0.004078	-0.008583	28.7275	-0.012813
4.02329	75.4587	82.4295	723.456	741.778	-0.004078	-0.005313	28.7769	-0.010825
4.02429	75.3221	81.8826	723.913	742.324	0.02038	-0.001563	28.7769	-0.011875
4.02529	75.3221	82.1561	723.57	741.231	-0.02038	-0.008438	28.6289	-0.01125
4.02629	75.5953	82.4295	723.113	740.685	0.036885	-0.008583	28.7275	-0.011875
4.02729	75.5953	82.2928	722.885	741.505	-0.004078	-0.008583	28.5795	-0.011563
4.02829	75.8685	82.4295	723.57	741.778	-0.02038	-0.0075	28.4808	-0.013438
4.02929	75.1854	81.8826	723.342	740.958	-0.004078	-0.00625	28.6289	-0.012188
4.03029	75.1854	81.8826	723.57	741.368	-0.004078	-0.007813	28.4808	-0.011563
4.03129	74.9122	81.4724	722.656	739.868	-0.052989	-0.010313	27.9874	-0.015313
4.03229	74.7756	81.3356	722.885	741.231	-0.004078	-0.005938	28.5795	-0.012813
4.03329	75.7319	81.4724	723.57	741.778	-0.004078	-0.005625	29.073	-0.010313
4.03429	75.3221	81.8826	723.57	741.505	-0.004078	-0.008583	28.5302	-0.011563
4.03529	75.5953	82.2928	723.57	740.275	-0.004078	-0.004063	28.6289	-0.01125
4.03629	75.8685	82.4295	724.37	741.778	-0.004078	-0.007813	28.2834	-0.01375
4.03729	75.3221	82.0193	723.57	741.231	0.028532	-0.005938	28.6782	-0.008375
4.03829	75.3221	81.8091	723.57	741.368	-0.004078	-0.005	28.4315	-0.01125
4.03929	74.9122	81.7458	723.227	741.778	-0.004078	-0.005625	28.3821	-0.011563
4.04029	75.3221	81.7458	723.342	742.734	-0.004078	-0.005625	28.4808	-0.010838
4.04129	75.1854	81.3356	723.342	741.095	-0.004078	-0.00625	28.3821	-0.012813
4.04229	75.3221	82.0193	722.999	740.139	-0.024458	-0.008686	28.1847	-0.014375
4.04329	75.3221	82.1561	723.227	741.641	-0.004078	-0.0075	28.3821	-0.011563
4.04429	75.0488	81.7458	723.456	741.231	-0.004078	-0.005938	28.7769	-0.01125
4.04529	75.3221	81.8091	722.999	741.095	-0.004078	-0.005313	28.3821	-0.012188
4.04629	75.3221	81.8826	722.999	741.095	-0.004078	-0.004063	28.4808	-0.01125
4.04729	75.1854	81.8091	722.999	741.505	-0.004078	-0.008583	28.5302	-0.012188
4.04829	75.5953	82.2928	723.456	741.641	0.081141	-0.005625	28.5795	-0.010313
4.04929	75.3221	81.7458	723.113	740.685	-0.004078	-0.008875	28.3328	-0.010838
4.05029	75.3221	81.8826	723.227	741.641	-0.004078	-0.008583	28.6289	-0.011563
4.05129	75.3221	81.8826	723.456	741.641	-0.004078	-0.005938	28.4315	-0.010838
4.05229	75.1854	81.7458	723.113	740.685	-0.004078	-0.007188	28.3821	-0.010825
4.05329	75.0488	81.8091	723.57	740.958	-0.028532	-0.007813	28.1364	-0.010313
4.05429	75.3221	81.8091	722.999	741.231	-0.004078	-0.008583	28.5795	-0.012188
4.05529	75.3221	81.7458	723.113	740.685	-0.004078	-0.00625	28.9743	-0.013125

4.05629	75.1854	81.7458	723.113	741.095	-0.004076	-0.005625	28.5302	-0.010838
4.05729	75.3221	82.0193	723.113	741.231	-0.004076	-0.004093	28.5795	-0.010838
4.05829	75.4587	81.8091	723.113	741.778	-0.004076	-0.005313	28.6782	-0.012813
4.05929	75.3221	81.8826	723.227	741.231	-0.004076	-0.007188	28.6782	-0.011875
4.06029	75.3221	81.8826	723.113	741.905	0.024456	-0.00825	28.3821	-0.011875
4.06129	75.8685	82.1561	722.999	741.095	-0.004076	-0.008438	28.2341	-0.013125
4.06229	75.0488	81.3356	722.885	740.412	-0.018304	-0.007813	28.5302	-0.010313
4.06329	75.1854	81.7458	722.885	740.685	-0.004076	-0.007188	28.6782	-0.010313
4.06429	75.3221	81.7458	722.885	739.886	-0.036885	-0.00875	27.8887	-0.013438
4.06529	75.4587	82.1561	722.885	741.505	0.028532	-0.005625	28.2834	-0.012188
4.06629	75.3221	81.8091	723.113	740.685	-0.004076	-0.005313	28.9743	-0.010838
4.06729	75.3221	81.7458	723.456	741.841	0.040781	-0.004888	28.1847	-0.011563
4.06829	75.0488	81.0622	722.656	741.388	-0.004076	-0.002813	28.6289	-0.010838
4.06929	75.5953	82.1561	723.57	741.778	0.036885	-0.00563	28.5795	-0.010313
4.07029	75.3221	81.8091	722.999	740.549	-0.004076	-0.007188	28.2341	-0.010825
4.07129	74.5024	82.1561	724.027	741.095	0.028532	-0.00563	28.1354	-0.012188
4.07229	75.3221	81.7458	722.999	741.505	-0.004076	-0.007813	28.1847	-0.011875
4.07329	75.1854	81.8826	723.342	741.778	-0.004076	-0.005938	28.5302	-0.010838
4.07429	75.3221	82.0193	723.113	740.685	-0.004076	-0.00825	28.2834	-0.012188
4.07529	74.639	81.8091	722.999	740.412	-0.004076	-0.00825	28.2341	-0.010825
4.07629	75.3221	81.8826	722.542	740.685	-0.004076	-0.005938	28.3328	-0.012813
4.07729	75.3221	81.8826	723.113	740.685	0.028532	-0.005625	28.7769	-0.010838
4.07829	75.5953	82.0193	722.885	741.231	-0.004076	-0.005938	28.1847	-0.012188
4.07929	75.3221	81.7458	723.113	741.095	-0.004076	-0.00563	28.1847	-0.010638
4.08029	75.8685	82.4295	723.57	741.778	-0.004076	-0.005313	28.4808	-0.012188
4.08129	75.4587	81.7458	723.113	740.685	0.028532	-0.008875	28.1847	-0.012188
4.08229	75.1854	81.8826	723.227	740.958	0.024456	-0.005938	28.3328	-0.01125
4.08329	75.4587	81.8826	722.656	740.685	-0.004076	-0.00563	28.3821	-0.011563
4.08429	74.7756	81.4724	723.113	741.778	-0.004076	-0.005938	28.3328	-0.010825
4.08529	75.3221	81.8826	723.227	740.685	-0.004076	-0.00825	28.3821	-0.010838
4.08629	75.3221	81.8826	722.885	740.002	-0.02038	-0.008438	28.0881	-0.009083
4.08729	75.4587	81.4724	722.656	740.685	-0.004076	-0.007813	28.2834	-0.011875
4.08829	75.3221	81.8826	722.999	740.958	-0.004076	-0.005313	28.6782	-0.011563
4.08929	75.3221	81.8826	722.885	740.685	-0.004076	-0.005938	28.1847	-0.012813
4.09029	75.0488	81.7458	722.999	740.685	0.02038	-0.004083	28.1354	-0.011563
4.09129	75.3221	81.8826	722.77	741.231	-0.004076	-0.00563	28.0881	-0.011875
4.09229	75.3221	81.8826	723.57	740.685	0.02038	-0.00563	27.79	-0.011875
4.09329	75.4587	81.7458	722.885	740.685	-0.004076	-0.00563	27.8887	-0.011563
4.09429	75.1854	81.0622	722.885	741.231	-0.004076	-0.007188	27.9874	-0.010838
4.09529	75.4587	81.8826	722.885	740.549	-0.02038	-0.007813	28.4808	-0.010313
4.09629	75.3221	81.8826	722.885	740.685	-0.004076	-0.007188	27.642	-0.013438
4.0973	75.5953	82.1561	724.027	741.231	-0.004076	-0.005313	28.2341	-0.009063
4.0983	75.4587	81.8826	722.199	740.549	-0.004076	-0.008875	28.1847	-0.012188
4.0993	74.9122	81.3356	722.999	740.685	0.02038	-0.005	28.2834	-0.011563
4.1003	74.7756	81.8091	722.77	741.095	-0.004076	-0.00563	28.0881	-0.011875
4.1013	75.4587	81.8826	722.999	741.778	0.032609	-0.002813	27.8887	-0.012813
4.1023	75.4587	81.7458	722.428	740.139	-0.004076	-0.005938	27.9874	-0.010313
4.1033	75.5953	81.7458	722.428	740.958	-0.004076	-0.005938	28.0881	-0.01125
4.1043	75.3221	81.7458	722.999	740.685	-0.004076	-0.0075	27.8393	-0.012188
4.1053	75.5953	82.1561	723.113	740.685	-0.004076	-0.005938	28.1847	-0.010838
4.1063	75.3221	81.8826	722.885	742.051	-0.004076	-0.008875	28.1354	-0.011875
4.1073	75.3221	81.8091	722.999	740.958	0.02038	-0.008438	28.0881	-0.012813

4.1083	75.1854	81.7458	722.999	740.549	-0.004078	-0.007188	27.8913	-0.011563
4.1093	75.5853	81.8828	722.199	740.549	-0.004078	-0.0075	27.8383	-0.012813
4.1103	75.5853	81.8828	722.542	740.885	-0.004078	-0.008563	28.3328	-0.010313
4.1113	75.3221	81.8828	722.428	740.139	-0.004078	-0.008875	27.9874	-0.01125
4.1123	75.4587	81.8828	722.77	740.412	-0.004078	-0.005313	28.0861	-0.01125
4.1133	75.6853	82.1561	723.113	741.231	0.02038	-0.005313	28.0861	-0.009888
4.1143	75.3221	81.8828	722.999	741.095	0.02038	-0.005625	27.79	-0.0125
4.1153	74.7758	81.8091	722.885	740.958	-0.004078	-0.005313	27.9874	-0.011875
4.1163	75.8885	81.3358	722.428	740.885	-0.004078	-0.008563	27.938	-0.01125
4.1173	75.7319	82.4285	722.885	740.885	-0.004078	-0.006825	27.938	-0.010825
4.1183	75.8885	82.703	723.113	740.412	-0.004078	-0.007813	27.79	-0.0125
4.1193	75.5853	82.1561	723.67	740.958	-0.004078	-0.005	27.79	-0.007813
4.1203	75.3221	81.8828	722.885	740.885	-0.004078	-0.006838	27.79	-0.012188
4.1213	75.5853	82.2928	722.999	741.388	0.024458	-0.005313	27.9874	-0.011583
4.1223	75.5853	81.3358	722.199	740.412	0.024458	-0.008563	27.9874	-0.01125
4.1233	75.0488	81.8828	722.999	741.231	-0.004078	-0.003438	27.8887	-0.012188
4.1243	75.3221	81.8828	722.428	740.412	-0.004078	-0.008563	27.8383	-0.010938
4.1253	75.0488	81.7458	722.199	740.885	-0.004078	-0.008563	27.9874	-0.011583
4.1263	75.5853	82.0193	722.314	740.885	0.028532	-0.005938	27.9874	-0.011583
4.1273	75.5853	82.0193	722.428	740.549	-0.012228	-0.007188	27.9874	-0.010938
4.1283	75.3221	81.7458	722.085	740.885	-0.004078	-0.008875	27.9874	-0.012188
4.1293	75.3221	81.8828	722.428	740.412	-0.004078	-0.008563	27.9874	-0.01125
4.1303	75.3221	81.8091	723.57	740.549	0.018304	-0.005938	27.8913	-0.010938
4.1313	75.3221	81.8091	722.085	740.002	-0.012228	-0.008563	27.9874	-0.011583
4.1323	74.7758	81.7458	722.199	740.412	-0.004078	-0.005938	28.1354	-0.011875
4.1333	75.8885	82.1561	722.199	740.002	-0.004078	-0.008563	27.8393	-0.011583
4.1343	74.7758	81.4724	722.428	740.412	-0.004078	-0.00825	27.8393	-0.011583
4.1353	75.1854	81.7458	722.658	740.885	-0.004078	-0.008563	27.9874	-0.010825
4.1363	75.3221	81.8828	722.999	740.549	0.024458	-0.005938	27.9874	-0.010825
4.1373	75.8885	82.2928	723.342	741.505	0.052989	-0.005313	27.9874	-0.010313
4.1383	75.0488	81.8828	722.858	740.275	-0.004078	-0.008875	27.79	-0.01125
4.1393	75.7319	81.3358	722.199	741.231	0.02038	-0.007188	27.79	-0.011583
4.1403	75.1854	81.3358	722.658	740.549	-0.004078	-0.005938	27.9874	-0.011875
4.1413	75.3221	81.8828	723.342	740.885	-0.004078	-0.007188	27.938	-0.009888
4.1423	75.3221	81.7458	722.428	740.139	-0.004078	-0.008563	27.79	-0.012813
4.1433	74.7758	81.8091	722.858	740.885	-0.004078	-0.007188	28.2834	-0.012188
4.1443	75.4587	81.4724	722.085	740.885	-0.004078	-0.008563	28.0367	-0.010938
4.1453	75.0488	81.8091	722.199	740.885	-0.004078	-0.008563	27.938	-0.010825
4.1463	75.1854	81.7458	722.542	740.549	-0.004078	-0.004375	28.1847	-0.010313
4.1473	75.1854	82.1561	722.542	740.885	-0.004078	-0.007188	28.1354	-0.010938
4.1483	75.3221	82.1561	722.885	740.139	0.044837	-0.005313	27.79	-0.010938
4.1493	75.5853	81.8828	722.658	740.885	-0.004078	-0.007188	27.8887	-0.011583
4.1503	75.4587	81.8828	722.428	742.188	-0.004078	-0.008875	27.8874	-0.010825
4.1513	75.0488	81.7458	722.542	740.275	-0.004078	-0.006838	27.9874	-0.010938
4.1523	75.1854	81.8828	722.085	740.139	-0.004078	-0.006838	27.8913	-0.010313
4.1533	74.7758	81.3358	722.199	740.139	-0.004078	-0.008438	27.79	-0.012813
4.1543	75.4587	82.2928	722.77	740.958	-0.004078	-0.006838	28.1847	-0.011583
4.1553	75.5853	81.8828	721.742	740.139	0.02038	-0.005625	28.2834	-0.012188
4.1563	75.1854	81.8828	722.428	740.958	-0.004078	-0.004083	27.9874	-0.010313
4.1573	75.0488	81.8828	722.542	740.885	0.024458	-0.008563	27.938	-0.0125
4.1583	75.3221	81.3358	722.199	740.139	-0.004078	-0.008875	28.0861	-0.010938
4.1593	75.3221	81.8091	722.199	740.549	0.048913	-0.005313	27.938	-0.012813

4.1803	74.9122	81.7458	721.742	740.412	-0.004076	-0.006563	28.0367	-0.012188
4.1813	75.4587	81.8828	722.314	740.958	-0.004076	-0.009063	27.842	-0.014375
4.1823	75.4587	81.8828	721.628	739.048	-0.008152	-0.007188	27.9874	-0.011563
4.1833	75.4587	81.8828	723.342	740.549	0.024456	-0.005938	27.938	-0.005938
4.1843	75.5953	81.8828	721.742	740.139	-0.004076	-0.006875	27.79	-0.012813
4.1853	75.8885	81.4724	721.971	740.139	-0.004076	-0.006563	27.9874	-0.01125
4.1863	75.5953	81.8828	722.314	740.412	-0.004076	-0.005938	28.3328	-0.011563
4.1873	75.5953	82.1561	722.199	739.592	-0.004076	-0.006563	28.0861	-0.010938
4.1883	75.5953	82.1561	722.199	740.549	-0.004076	-0.003125	27.9874	-0.010938
4.1893	75.3221	81.8828	721.971	740.139	-0.004076	-0.005938	27.9874	-0.011563
4.1703	75.5953	82.1561	722.095	740.002	0.044837	-0.005825	28.1354	-0.010313
4.1713	75.7319	82.2928	721.742	740.412	-0.004076	-0.00825	27.9874	-0.011563
4.1723	75.5953	81.7458	722.428	741.841	-0.004076	-0.008438	27.9874	-0.011563
4.1733	75.3221	82.0193	722.885	739.456	-0.004076	-0.00825	28.1354	-0.01125
4.1743	75.3221	81.8828	721.742	739.592	-0.004076	-0.00825	28.3821	-0.008438
4.1753	75.3221	81.8828	722.199	740.139	-0.004076	-0.005825	28.0861	-0.011563
4.1763	75.3221	81.8828	722.428	740.412	-0.004076	-0.005938	28.5302	-0.012188
4.1773	75.4587	81.8828	722.199	740.412	-0.004076	-0.00825	27.8887	-0.011563
4.1783	75.3221	82.1561	722.199	740.585	0.02038	-0.005313	27.79	-0.012813
4.1793	75.5953	82.1561	722.199	740.549	0.028532	-0.005938	27.9874	-0.010938
4.1803	76.1418	81.8828	722.095	740.958	0.02038	-0.005938	28.0367	-0.011875
4.1813	75.5953	82.0193	722.199	740.139	0.052989	-0.005825	27.9874	-0.011563
4.1823	75.8885	82.1561	722.656	740.412	-0.018304	-0.006563	28.1847	-0.011875
4.1833	75.4587	82.1561	721.742	741.231	-0.004076	-0.006875	28.1847	-0.011875
4.1843	75.3221	81.7458	721.971	740.275	0.02038	-0.005938	28.2341	-0.011563
4.1853	75.0488	81.3356	721.742	740.002	-0.012228	-0.008875	27.938	-0.010625
4.1863	75.3221	82.0193	722.428	740.139	0.018304	-0.0075	27.938	-0.010313
4.1873	74.7756	81.4724	721.4	740.002	-0.004076	-0.007813	28.1847	-0.01125
4.1883	75.7319	81.8828	721.742	740.412	-0.004076	-0.005825	28.3821	-0.010938
4.1893	75.0488	81.8828	721.971	740.885	-0.004076	-0.005825	28.1847	-0.012813
4.1903	75.4587	82.0193	721.971	740.139	-0.004076	-0.006563	27.9874	-0.012813
4.1913	75.3221	81.8828	722.085	739.868	0.02038	-0.00825	27.9874	-0.011875
4.1923	75.1854	81.8828	721.742	740.549	0.052989	-0.005938	27.938	-0.010938
4.1933	75.5953	81.8828	721.742	739.592	-0.004076	-0.00825	28.0861	-0.012188
4.1943	75.3221	81.7458	722.199	740.139	-0.004076	-0.007188	28.1847	-0.010625
4.1953	75.3221	81.8828	721.742	739.868	-0.004076	-0.005938	27.9874	-0.011563
4.1963	75.3221	81.8828	722.428	740.139	-0.004076	-0.006563	27.9874	-0.009063
4.1973	75.3221	81.8828	721.742	739.319	-0.004076	-0.006875	27.8887	-0.011875
4.1983	75.4587	81.7458	721.971	740.885	-0.004076	-0.006563	27.9874	-0.012813
4.1993	75.5953	81.7458	721.514	740.139	-0.004076	-0.006313	28.2834	-0.011563
4.2003	75.0488	81.8828	722.199	740.412	0.024456	-0.005313	27.9874	-0.010313
4.2013	75.4587	82.2928	721.742	740.139	-0.004076	-0.002168	27.9874	-0.010938
4.2023	75.0488	81.3356	721.514	739.592	-0.004076	-0.007813	28.0861	-0.010313
4.2033	74.7756	81.3356	721.514	740.139	0.040781	-0.004083	27.938	-0.010938
4.2043	75.1854	81.8828	721.286	739.592	-0.004076	-0.005825	28.0861	-0.011563
4.2053	75.5953	82.1561	721.971	740.275	-0.004076	-0.007188	28.1354	-0.010313
4.2063	75.5953	81.8828	720.829	740.139	-0.004076	-0.005825	28.4808	-0.01125
4.2073	75.4587	81.3356	721.286	739.592	-0.004076	-0.005825	28.0861	-0.011875
4.2083	75.8885	81.7458	720.829	738.773	-0.004076	-0.007188	27.938	-0.01125
4.2093	75.8885	81.8828	721.514	739.592	-0.004076	-0.005938	28.1354	-0.012813
4.2103	75.5953	81.8828	721.514	740.002	-0.004076	-0.005313	28.3821	-0.010313
4.2113	75.0488	81.1988	720.829	739.319	-0.004076	-0.007188	28.1354	-0.011563

4.2123	75.4587	81.6091	721.286	739.582	-0.004076	-0.004063	28.0861	-0.012188
4.2133	74.9122	81.6091	721.057	739.592	-0.004076	-0.007188	27.8887	-0.012188
4.2143	75.4587	81.7458	721.742	740.858	-0.004076	-0.008875	28.0861	-0.011563
4.2153	75.3221	82.0193	721.286	740.002	0.028532	-0.008438	27.9874	-0.012813
4.2163	75.8685	82.0193	721.828	740.549	-0.012228	-0.007813	28.1847	-0.010938
4.2173	75.4587	81.8826	721.171	739.319	-0.004076	-0.007188	27.9874	-0.010625
4.2183	75.7319	81.8826	721.742	740.139	-0.004076	-0.008438	27.8887	-0.010625
4.2193	75.0488	81.7458	721.742	739.592	-0.012228	-0.007813	27.8887	-0.011563
4.2203	75.4587	81.4724	720.829	740.139	-0.004076	-0.008563	28.1847	-0.0125
4.2213	75.5953	81.6091	721.057	739.592	0.040761	-0.008563	27.9874	-0.012188
4.2223	75.4587	81.7458	720.829	739.592	-0.004076	-0.007813	27.8887	-0.010313
4.2233	75.4587	81.7458	721.171	739.866	-0.004076	-0.005938	28.4315	-0.010938
4.2243	75.8685	82.1561	721.514	740.412	0.028532	-0.009063	27.9874	-0.010313
4.2253	75.7319	82.4295	721.514	740.002	0.057065	-0.005913	27.9874	-0.011875
4.2263	75.3221	81.6091	721.171	739.866	-0.008152	-0.008875	27.9874	-0.012188
4.2273	74.9122	81.6091	721.4	739.866	-0.004076	-0.008563	28.3821	-0.010625
4.2283	74.7756	81.6091	721.514	739.866	-0.004076	-0.005913	28.0881	-0.011875
4.2293	75.3221	82.1561	722.199	739.048	-0.004076	-0.008563	28.2341	-0.009063
4.2303	75.4587	81.8826	720.715	738.5	-0.02038	-0.007813	27.79	-0.015
4.2313	75.4587	81.6091	720.6	740.139	-0.004076	-0.0075	28.1354	-0.012813
4.2323	75.3221	82.1561	721.286	739.048	-0.004076	-0.0075	28.6782	-0.010313
4.2333	75.5953	81.8826	721.286	740.139	0.024456	-0.005913	27.9874	-0.011875
4.2343	75.5953	82.1561	721.171	739.048	-0.004076	-0.003125	27.9874	-0.011563
4.2353	75.3221	81.7458	721.057	739.319	0.024456	-0.005913	28.2834	-0.012188
4.2363	75.4587	82.1561	721.514	738.91	0.044837	-0.005938	28.1847	-0.011563
4.2373	75.7319	81.6091	721.828	739.866	-0.004076	-0.005938	28.1847	-0.010625
4.2383	75.4587	81.7458	720.829	740.885	-0.012228	-0.007188	28.1354	-0.010938
4.2393	75.7319	81.8826	720.829	739.592	-0.004076	-0.00625	28.1847	-0.012188
4.2403	75.5953	81.8826	720.829	739.048	-0.004076	-0.007813	28.1847	-0.010313
4.2413	75.3221	81.6091	720.943	738.363	-0.028532	-0.009063	27.7406	-0.013438
4.2423	75.5953	82.1561	720.6	739.048	-0.012228	-0.008563	27.838	-0.013125
4.2433	75.7319	82.0193	721.286	740.139	-0.004076	-0.005938	27.9874	-0.013125
4.2443	75.5953	82.0193	721.286	739.729	-0.004076	-0.005938	28.2834	-0.009688
4.2453	75.5953	82.2928	721.057	739.048	-0.004076	-0.004063	28.0861	-0.010938
4.2463	75.4587	81.8826	721.4	740.139	0.016304	-0.005938	28.1847	-0.011875
4.2473	75.7319	82.2928	720.6	739.319	0.02038	-0.008563	28.0861	-0.010313
4.2483	75.3221	82.1561	721.286	739.866	-0.004076	-0.008563	27.9874	-0.011563
4.2493	75.1854	81.6091	720.715	739.048	-0.004076	-0.008563	27.9874	-0.011563
4.2503	75.7319	81.8826	720.6	739.183	-0.004076	-0.00625	27.9874	-0.011563
4.2513	75.7319	82.1561	720.829	739.048	-0.004076	-0.008563	28.0861	-0.011563
4.2523	75.4587	81.8826	720.372	737.88	-0.044837	-0.009063	27.5926	-0.011875
4.2533	75.7319	81.8826	720.6	739.319	-0.004076	-0.004063	28.0861	-0.011563
4.2543	75.4587	81.8826	720.829	739.319	-0.004076	-0.00625	28.3821	-0.010938
4.2553	74.7756	81.8826	720.829	739.729	-0.004076	-0.005913	28.1847	-0.011563
4.2563	75.5953	82.0193	721.171	739.592	0.028532	-0.004063	28.1847	-0.010938
4.2573	75.5953	82.0193	720.829	739.456	-0.004076	-0.008875	28.2341	-0.010938
4.2583	75.3221	81.7458	720.715	739.456	0.028532	-0.008875	27.8874	-0.012813
4.2593	75.3221	81.6091	720.829	739.592	-0.004076	-0.008563	28.1354	-0.012813
4.2603	75.8685	81.8826	720.372	738.5	-0.004076	-0.008563	28.2834	-0.012813
4.2613	75.5953	81.8826	720.6	740.139	-0.004076	-0.008563	28.2834	-0.012813
4.2623	75.5953	82.0193	720.715	738.09	-0.004076	-0.007188	28.1847	-0.011563
4.2633	75.5953	82.2928	719.915	738.227	-0.032609	-0.008438	27.8393	-0.014063

4.26431	75.5953	82.1561	720.372	738.5	-0.004078	-0.006563	27.8887	-0.01125
4.26531	75.5953	81.1989	720.715	739.046	-0.004078	-0.006563	28.4316	-0.011563
4.26631	75.5953	81.8826	720.716	739.456	-0.004078	-0.006563	27.8887	-0.012188
4.26731	75.7319	81.7458	720.372	738.773	-0.004078	-0.004063	27.9874	-0.011563
4.26831	75.1854	81.6091	720.372	739.046	-0.004078	-0.007813	27.9874	-0.012813
4.26931	75.5953	81.6091	720.258	738.91	0.028532	-0.006563	28.1354	-0.01125
4.27031	75.7319	82.0193	720.829	738.91	-0.004078	-0.006563	27.938	-0.011563
4.27131	75.5953	81.8826	719.915	739.592	-0.004078	-0.006875	28.1354	-0.010313
4.27231	75.5953	81.7458	720.829	739.456	0.038885	-0.006563	27.9874	-0.010313
4.27331	75.4587	81.8826	720.8	739.592	0.024458	-0.006825	28.1847	-0.010938
4.27431	75.5953	81.8826	719.915	737.271	-0.052989	-0.011563	27.4839	-0.012188
4.27531	75.8885	81.8826	719.458	738.227	-0.008152	-0.007813	28.1354	-0.012188
4.27631	75.8885	82.2928	720.372	738.5	-0.004078	-0.008875	28.4315	-0.010938
4.27731	75.3221	81.7458	720.258	739.319	-0.004078	-0.008563	28.1354	-0.012813
4.27831	75.8885	81.4724	720.8	739.729	0.018304	-0.002813	28.2341	-0.012188
4.27931	75.4587	81.8826	720.372	738.319	-0.004078	-0.005825	28.1354	-0.010938
4.28031	75.7319	82.1561	720.372	739.886	-0.004078	-0.008563	27.8887	-0.011875
4.28131	75.7319	81.7458	720.258	739.046	-0.004078	-0.005938	28.3821	-0.010938
4.28231	75.7319	81.6091	719.887	738.363	-0.02038	-0.007813	27.9874	-0.01376
4.28331	75.5953	81.6091	719.915	738.5	-0.004078	-0.005938	28.1847	-0.011563
4.28431	75.7319	81.7458	720.258	738.91	-0.004078	-0.008563	28.2834	-0.008375
4.28531	76.2785	81.3356	720.258	737.407	-0.024458	-0.009688	27.5826	-0.014888
4.28631	75.8885	82.4295	719.458	738.5	-0.004078	-0.008563	28.0881	-0.012813
4.28731	75.3221	81.8826	719.915	738.5	-0.004078	-0.007813	28.5795	-0.010825
4.28831	75.8885	81.8826	719.801	739.046	-0.004078	-0.004375	28.2341	-0.013438
4.28931	75.0488	81.6091	719.915	739.046	0.018304	-0.003438	28.1847	-0.011875
4.29031	75.5953	81.8826	720.372	739.319	-0.004078	-0.007188	28.1354	-0.012188
4.29131	75.3221	81.6091	720.143	739.046	0.038885	-0.007813	27.9874	-0.013125
4.29231	75.5953	82.0193	721.057	739.319	-0.004078	-0.004888	28.0881	-0.012813
4.29331	75.4587	81.7458	719.915	738.773	-0.004078	-0.006563	27.9874	-0.011563
4.29431	75.7319	81.8826	719.801	739.319	-0.004078	-0.004063	27.8887	-0.01125
4.29531	75.8885	81.8826	719.915	738.5	-0.004078	-0.005938	28.0881	-0.011563
4.29631	75.8885	81.3356	720.372	738.227	-0.012228	-0.007813	27.9874	-0.008438
4.29731	75.8885	82.4295	719.801	738.09	-0.004078	-0.007188	28.1354	-0.0125
4.29831	75.3221	81.6091	720.8	739.046	0.028532	-0.005825	28.4315	-0.012813
4.29931	75.5953	81.8826	719.915	738.91	-0.004078	-0.005825	28.1354	-0.011875
4.30031	75.4587	82.0193	719.801	738.773	0.02038	-0.005938	28.2341	-0.01125
4.30131	75.5953	81.6091	719.915	739.046	-0.004078	-0.003125	28.1847	-0.010313
4.30231	75.5953	81.8826	719.915	739.319	-0.004078	-0.004888	27.938	-0.010938
4.30331	75.8885	81.7458	719.801	738.773	-0.004078	-0.006563	28.0881	-0.010938
4.30431	75.5953	82.0193	720.8	739.046	-0.004078	-0.00625	28.0387	-0.012188
4.30531	75.8885	82.0193	720.029	739.046	-0.004078	-0.005938	27.9874	-0.011563
4.30631	75.8885	81.8826	720.372	738.773	-0.004078	-0.005313	28.2341	-0.010313
4.30731	76.2785	82.1561	720.8	738.773	-0.008152	-0.007188	27.9874	-0.010825
4.30831	75.7319	81.8826	719.458	738.91	-0.004078	-0.007813	28.0881	-0.012813
4.30931	75.5953	81.6091	719.915	738.5	0.028532	-0.007813	28.7789	-0.010313
4.31031	75.7319	81.8826	719.915	739.046	0.024458	-0.003438	27.938	-0.01125
4.31131	75.5953	82.4295	720.372	737.953	0.02038	-0.002813	28.3328	-0.011563
4.31231	75.3221	81.7458	719.915	738.5	-0.004078	-0.007188	28.1847	-0.01125
4.31331	75.5953	81.7458	719.572	738.5	-0.004078	-0.008563	28.0881	-0.010825
4.31431	75.8885	81.8826	719.887	738.91	0.02038	-0.00625	28.1354	-0.011563
4.31531	75.5953	81.8826	719.915	739.183	-0.004078	-0.008875	28.2341	-0.011563

4.31831	75.5953	81.8828	719.458	740.002	-0.004078	-0.007813	27.9874	-0.011875
4.31731	75.5953	81.8828	719.801	738.91	-0.004078	-0.007813	27.8887	-0.012188
4.31831	75.8885	81.8828	720.029	738.09	-0.004078	-0.00625	28.1354	-0.010313
4.31931	75.5953	81.8091	719.23	738.5	-0.004078	-0.006563	27.9874	-0.013438
4.32031	75.8885	81.7458	719.458	738.91	-0.004078	-0.004688	28.4809	-0.010938
4.32131	75.8885	82.0193	719.915	737.953	-0.004078	-0.005313	28.3821	-0.010925
4.32231	75.7319	81.8828	719.887	739.582	-0.004078	-0.006875	28.2341	-0.0125
4.32331	75.8885	81.8828	719.801	739.319	0.028532	-0.005313	28.2834	-0.011875
4.32431	76.1418	82.1561	719.572	737.953	-0.004078	-0.006563	28.0367	-0.011583
4.32531	75.4587	81.8091	719.915	739.319	-0.004078	-0.00625	28.1847	-0.011875
4.32631	75.4587	82.0193	719.458	738.5	-0.004078	-0.005938	27.938	-0.0125
4.32731	75.7319	81.8828	719.458	740.548	-0.004078	-0.007188	28.1354	-0.012813
4.32831	75.3221	81.7458	719.572	738.227	-0.004078	-0.006563	28.1847	-0.012188
4.32931	75.3221	81.8828	719.801	738.91	-0.004078	-0.005938	28.1354	-0.008125
4.33031	75.8885	82.0193	719.23	738.363	-0.004078	-0.007188	27.9874	-0.011563
4.33131	75.5953	81.8091	718.887	737.953	-0.004078	-0.004688	28.6782	-0.011563
4.33231	75.5953	81.8828	719.23	738.363	-0.004078	-0.005938	28.1847	-0.011563
4.33331	75.3221	81.1989	719.001	738.5	0.024458	-0.004063	28.2341	-0.011563
4.33431	75.7319	81.8828	719.23	738.5	-0.004078	-0.005625	28.5302	-0.010313
4.33531	75.5953	81.7458	719.572	738.5	-0.008152	-0.005938	28.3328	-0.010625
4.33631	75.8885	82.4295	719.001	738.91	0.028532	-0.005625	28.1847	-0.011875
4.33731	75.8885	82.4295	719.23	738.5	-0.004078	-0.005938	28.2834	-0.011563
4.33831	75.5953	81.8828	719.115	738.5	-0.004078	-0.006563	28.4315	-0.0125
4.33931	75.5953	81.8828	719.001	738.5	-0.004078	-0.006875	28.1354	-0.011875
4.34031	75.5953	81.7458	720.486	738.09	-0.004078	-0.007188	28.1847	-0.009688
4.34131	75.8885	81.7458	719.001	738.09	-0.004078	-0.007188	27.8887	-0.01375
4.34231	75.5953	82.1561	719.801	738.227	-0.004078	-0.005938	28.2341	-0.011875
4.34331	75.7319	82.0193	719.458	738.227	-0.004078	-0.005313	28.5795	-0.011563
4.34431	75.8885	81.8091	719.458	738.91	0.018304	-0.003125	28.1847	-0.012188
4.34531	75.5953	82.0193	719.23	737.953	-0.004078	-0.005938	28.1847	-0.010313
4.34631	75.5953	81.7458	719.23	738.5	-0.004078	-0.007188	27.79	-0.013438
4.34731	75.8885	81.8828	719.23	738.227	0.036885	-0.005625	28.3328	-0.010313
4.34831	75.8885	81.8828	719.23	738.227	-0.004078	-0.007188	28.1354	-0.011563
4.34931	75.7319	81.7458	718.773	739.048	-0.004078	-0.008438	27.9874	-0.012813
4.35031	75.8885	81.8828	718.773	737.88	-0.004078	-0.006563	27.9874	-0.011563
4.35131	75.3221	81.7458	719.801	738.5	-0.004078	-0.005625	28.0861	-0.010313
4.35231	75.8885	82.0193	718.43	738.363	-0.004078	-0.005625	27.9874	-0.012813
4.35331	75.5953	81.8828	718.887	738.09	-0.004078	-0.004063	28.4315	-0.010313
4.35431	75.5953	81.8828	718.887	738.227	0.02038	-0.005625	28.0861	-0.011875
4.35531	75.8885	81.8828	719.23	738.636	0.024458	-0.005313	28.0861	-0.011563
4.35631	75.8885	82.0193	718.887	738.363	-0.004078	-0.006313	27.9874	-0.011563
4.35731	75.5953	81.4724	718.773	738.5	0.028532	-0.006563	28.1354	-0.011563
4.35831	75.5953	82.1561	719.001	739.319	-0.004078	-0.006875	28.0861	-0.010938
4.35931	75.7319	82.4295	718.544	738.5	-0.004078	-0.00625	28.1847	-0.011875
4.36031	75.7319	81.7458	718.544	739.183	-0.004078	-0.006563	27.9874	-0.011875
4.36131	75.7319	81.8828	719.115	737.407	-0.004078	-0.007188	28.2834	-0.011563
4.36231	75.8885	81.8828	719.687	737.953	-0.004078	-0.005938	28.2834	-0.009688
4.36331	76.4151	81.0822	718.773	737.953	-0.004078	-0.006825	28.1354	-0.0125
4.36431	75.0488	81.1989	718.088	737.271	-0.004078	-0.006563	28.3821	-0.010938
4.36531	75.7319	81.4724	718.887	738.227	0.02038	-0.007813	27.9874	-0.011563
4.36631	75.7319	81.8828	718.316	737.953	0.024458	-0.007813	28.2834	-0.011875
4.36731	75.3221	81.8091	718.859	737.817	-0.004078	-0.005938	28.3328	-0.011875

4.36831	75.8885	81.7458	719.344	738.363	-0.004078	-0.005938	28.0861	-0.013438
4.36831	75.0488	81.7458	718.316	738.227	0.044837	-0.008583	28.2341	-0.010838
4.37031	75.8885	81.7458	718.887	738.5	-0.004078	-0.005313	27.9874	-0.011563
4.37131	75.7319	82.1561	719.001	739.046	-0.004078	-0.005938	28.0861	-0.012813
4.37231	75.7319	81.8828	718.773	737.817	-0.004078	-0.008583	28.0861	-0.011563
4.37331	75.8885	81.8828	719.344	737.963	-0.004078	-0.005938	28.1354	-0.009063
4.37431	75.4587	82.0193	718.887	738.08	-0.004078	-0.008583	28.0861	-0.012188
4.37532	76.4151	81.3358	718.773	737.963	-0.004078	-0.008875	28.3821	-0.01125
4.37632	75.8885	81.8828	718.544	737.963	-0.004078	-0.005938	28.2341	-0.011563
4.37732	75.7319	81.8828	718.088	737.817	-0.004078	-0.005313	27.9874	-0.011876
4.37832	75.8885	81.8828	719.344	738.227	-0.004078	-0.008583	27.938	-0.011563
4.37932	75.7319	82.1561	718.659	738.773	0.02038	-0.00825	27.9874	-0.011563
4.38032	75.5953	81.7458	719.001	737.963	0.038885	-0.007188	28.1847	-0.011563
4.38132	75.5953	81.8828	718.659	737.963	-0.016304	-0.008875	27.9874	-0.010938
4.38232	75.5953	81.8828	718.43	738.5	-0.004078	-0.008583	28.0861	-0.011563
4.38332	75.8885	81.8828	718.659	737.407	-0.004078	-0.008583	27.9874	-0.010938
4.38432	75.5953	81.8828	719.001	738.227	-0.004078	-0.005938	28.1354	-0.01
4.38532	75.5953	81.8828	717.973	737.407	-0.004078	-0.005313	28.1847	-0.01
4.38632	75.8885	81.8828	718.088	737.407	-0.004078	-0.008583	28.4808	-0.010625
4.38732	75.8885	82.0193	718.544	738.997	-0.004078	-0.008583	27.9874	-0.010625
4.38832	76.2785	82.2928	718.088	737.407	-0.004078	-0.008438	27.9874	-0.012188
4.38932	75.5953	81.7458	718.316	737.963	-0.004078	-0.004688	27.9874	-0.012813
4.39032	75.5953	81.8828	717.859	737.963	-0.004078	-0.007188	28.0367	-0.010625
4.39132	75.5953	82.1561	718.088	737.407	0.028532	-0.00625	28.0861	-0.012188
4.39232	75.8885	82.4295	718.316	737.407	-0.004078	-0.007813	28.0861	-0.012813
4.39332	75.8885	81.8828	718.544	739.592	-0.004078	-0.008583	28.2341	-0.011875
4.39432	75.8885	81.8828	717.973	737.134	-0.004078	-0.007813	28.0861	-0.013125
4.39532	75.7319	82.4295	718.088	737.407	-0.004078	-0.007188	28.0861	-0.010313
4.39632	75.8885	82.0193	718.659	737.644	-0.004078	-0.005938	28.1354	-0.010938
4.39732	75.8885	82.1561	718.088	737.407	0.02038	-0.00875	27.9874	-0.011563
4.39832	75.8885	81.8828	718.088	737.407	-0.004078	-0.008875	27.9874	-0.011563
4.39932	75.8885	81.8828	718.43	738.227	0.028532	-0.005313	27.9874	-0.010625
4.40032	75.8885	81.7458	718.088	737.68	-0.004078	-0.008583	27.9874	-0.010313
4.40132	76.4151	81.3358	717.973	738.09	-0.004078	-0.007188	28.0861	-0.010938
4.40232	76.2785	81.1989	718.544	737.953	0.052989	-0.005313	27.79	-0.011563
4.40332	75.8885	81.7458	717.859	737.544	-0.004078	-0.008838	27.79	-0.01125
4.40432	75.3221	81.8091	717.973	737.953	-0.004078	-0.008438	27.8887	-0.010625
4.40532	75.8885	81.8828	718.088	737.134	-0.004078	-0.005313	28.1354	-0.011563
4.40632	75.8885	81.8828	718.773	737.134	-0.004078	-0.008583	28.1354	-0.007813
4.40732	75.5953	81.8091	718.088	737.407	-0.004078	-0.007188	27.938	-0.012188
4.40832	75.7319	82.1561	718.088	737.271	-0.004078	-0.005938	28.1354	-0.013438
4.40932	75.8885	81.7458	718.316	737.68	-0.004078	-0.005313	28.2834	-0.009063
4.41032	75.8885	82.1561	718.544	737.134	-0.004078	-0.008875	28.2341	-0.011563
4.41132	75.8885	82.0193	718.088	737.953	-0.004078	-0.0025	28.3821	-0.011563
4.41232	75.5953	81.7458	718.088	737.407	-0.004078	-0.005938	28.2341	-0.011875
4.41332	75.8885	82.0193	718.43	737.953	0.077445	-0.004375	28.2341	-0.011563
4.41432	75.8885	81.8091	717.518	737.407	-0.004078	-0.0075	28.1847	-0.011563
4.41532	75.3221	81.8828	717.859	738.5	-0.004078	-0.008583	27.8887	-0.011563
4.41632	75.7319	81.8828	718.544	738.861	-0.004078	-0.005938	27.938	-0.012188
4.41732	75.8885	81.3358	718.088	738.997	-0.012228	-0.008583	28.0861	-0.009063
4.41832	76.1418	81.8091	717.973	737.407	-0.004078	-0.005938	27.938	-0.010938
4.41932	75.5953	81.8091	718.088	737.271	-0.012228	-0.008583	28.2341	-0.011563

4.42032	75.8885	82.1581	717.745	736.724	-0.004076	-0.005838	27.9874	-0.011563
4.42132	75.5953	82.1581	717.745	736.861	-0.004076	-0.006583	27.9874	-0.010313
4.42232	75.8885	81.8826	717.831	736.724	-0.004076	-0.004083	27.938	-0.01125
4.42332	75.5953	82.0193	717.831	737.134	-0.004076	-0.007813	27.9874	-0.013438
4.42432	75.8885	81.7458	717.745	736.861	0.024456	-0.006583	27.9874	-0.01125
4.42532	75.5953	82.1581	717.831	736.861	-0.004076	-0.007813	27.9874	-0.010313
4.42632	75.8885	82.1581	717.745	736.861	-0.004076	-0.006875	27.8893	-0.012813
4.42732	75.8885	82.1581	717.06	736.861	-0.004076	-0.006875	27.8887	-0.012813
4.42832	75.8885	82.0193	718.088	737.407	-0.004076	-0.006875	27.8393	-0.010626
4.42932	75.8885	81.8826	717.402	736.588	-0.004076	-0.006583	27.642	-0.012188
4.43032	75.8885	81.7458	717.402	737.407	0.024456	-0.006875	27.8913	-0.014063
4.43132	75.8885	82.0193	718.659	737.953	-0.004076	-0.004083	27.9874	-0.012188
4.43232	75.3221	81.7458	717.516	737.134	-0.004076	-0.008125	28.1354	-0.011563
4.43332	76.1418	82.4285	717.973	737.134	0.02036	-0.005313	27.9874	-0.010313
4.43432	75.8885	82.2628	717.745	736.724	-0.004076	-0.006875	27.8393	-0.010313
4.43532	76.1418	81.8826	717.859	736.997	0.048913	-0.006583	27.642	-0.011563
4.43632	75.5953	81.6091	717.859	737.134	-0.004076	-0.005838	27.9874	-0.008888
4.43732	75.7319	81.7458	717.516	736.724	-0.004076	-0.006583	27.8887	-0.011563
4.43832	75.8885	82.0193	717.973	737.68	-0.004076	-0.005838	28.0881	-0.01125
4.43932	75.8885	81.7458	717.831	736.178	-0.004076	-0.007813	27.9874	-0.008438

0	81.4724	83.5236	14.5057	5.05354	28.455	0.023438	-0.533867	5.22094
0.001	81.7458	83.25	14.0488	5.3267	29.4658	0.022813	-0.731248	5.21219
0.002	81.3356	83.9339	15.3052	5.87303	30.2403	0.021875	-0.484523	5.21656
0.003	82.1581	83.9339	14.0488	5.3267	29.89	0.020938	-0.237799	5.21844
0.004	81.7458	83.5236	14.5057	4.91698	30.1889	0.022188	-0.533867	5.21908
0.005	82.1581	83.5236	14.5057	5.73645	30.8031	0.024375	-0.87928	5.21594
0.006	81.8826	84.2074	14.9625	6.00962	29.8449	0.023125	-0.533867	5.21344
0.007001	82.4295	83.7971	14.5057	5.87303	30.0202	0.021563	-0.681901	5.21594
0.008001	81.8826	83.9339	14.8483	6.41936	29.7308	0.023438	-0.632557	5.21812
0.009001	81.8826	83.6236	14.9625	6.1462	28.9482	0.022188	-0.632557	5.21719
0.010001	81.6091	84.481	14.5057	6.41936	29.3354	0.020938	-0.731248	5.20469
0.011001	82.1581	83.7971	14.5057	5.18012	29.8164	0.022813	-0.533867	5.18219
0.012001	81.8826	83.3668	14.9625	6.1462	30.1099	0.022188	-0.533867	5.18719
0.013001	82.1581	83.5236	14.0488	5.3267	31.1696	0.020838	-0.731248	5.16469
0.014001	81.7458	83.7971	14.5057	5.87303	31.4387	0.02125	-0.533867	5.22281
0.015001	81.8826	83.6603	14.5057	6.28278	31.4223	0.02375	-0.237799	5.21156
0.016001	81.3356	83.9339	14.8483	6.1462	32.156	0.023438	-0.829936	5.21406
0.017001	81.8826	83.6236	14.5057	6.41936	31.7892	0.024688	-0.533867	5.21594
0.018001	81.7458	83.6603	14.5057	6.41936	31.6914	0.02375	-0.632557	5.21625
0.019001	81.8826	83.6603	15.4194	5.87303	31.6098	0.023438	-1.02731	5.21719
0.020001	81.7458	83.7971	14.5057	5.59987	30.6318	0.022813	-0.632557	5.21375
0.021002	81.6091	83.6603	14.9625	6.89253	29.5068	0.022188	-0.731248	5.21594
0.022002	81.7458	82.9785	14.2772	5.73645	29.5229	0.020838	-0.533867	5.21969
0.023002	81.8826	83.9339	14.0488	5.05354	29.7146	0.02125	-0.681901	5.21844
0.024002	82.1581	84.0706	15.3052	5.3267	30.3218	0.020838	-0.632557	5.21469
0.025002	82.2928	83.7971	14.5057	5.48329	30.1832	0.022813	-0.533867	5.19688
0.026002	81.8826	84.0706	14.7341	5.59987	30.5501	0.021563	-0.583212	5.17906
0.027002	81.7458	83.7971	14.9625	4.64379	30.709	0.024063	-0.829936	5.16469
0.028002	82.4295	83.6236	14.8483	5.87303	29.8734	0.024688	-0.632557	5.19969
0.029002	81.8826	83.7971	14.9625	6.1462	30.3055	0.020838	-0.87928	5.22218
0.030002	81.8826	83.5236	14.7341	6.00962	29.8979	0.021563	-0.632557	5.21406
0.031002	81.8826	83.5236	14.5057	6.1462	29.1153	0.02	-0.583212	5.21969
0.032002	82.0193	83.9339	14.3914	6.41936	28.6873	0.020313	-0.681901	5.21969
0.033002	81.8826	83.7971	14.163	5.73645	29.1479	0.021875	-0.632557	5.22031
0.034002	81.0622	83.6603	14.3914	6.41936	29.8635	0.022813	-0.731248	5.21594
0.035003	82.1581	83.7971	13.8204	4.78038	30.2403	0.020625	-0.97797	5.21656
0.036003	81.8826	83.6603	14.2772	6.28278	30.8801	0.021875	-0.829936	5.21906
0.037003	81.6091	84.0706	14.2772	5.59987	31.7077	0.02125	-0.237799	5.21969
0.038003	82.1581	83.7971	14.8483	6.28278	31.4672	0.024063	-0.484523	5.21906
0.039003	81.8826	83.7971	14.5057	6.41936	30.8109	0.025313	-0.632557	5.21219
0.040003	81.7458	83.5236	14.3914	6.28278	31.7566	0.021875	-0.632557	5.19312
0.041003	81.8826	83.5236	14.5057	6.1462	31.8568	0.024063	-0.632557	5.17219
0.042003	81.1989	83.6603	14.5057	5.87303	29.8533	0.019688	-0.533867	5.16781
0.043003	81.8826	83.3668	14.3914	5.59987	29.1561	0.020625	-0.533867	5.22219
0.044003	81.6091	83.5236	14.5057	6.1462	29.5718	0.0225	-0.632557	5.21344
0.045003	81.8826	83.6603	14.5057	5.18012	29.4658	0.020838	-0.583212	5.21781
0.046003	82.1581	83.7971	14.3914	4.91698	30.1262	0.020838	-0.928625	5.21719
0.047003	81.8826	83.7971	14.3914	5.59987	30.5664	0.022188	-0.731248	5.21594
0.048004	81.8826	83.7971	14.9625	6.1462	30.2892	0.0225	-0.435178	5.21658
0.049004	81.7458	83.9339	14.8483	6.28278	30.4319	0.021563	-0.681901	5.21531
0.050004	81.8826	83.9339	14.5057	5.87303	30.3381	0.022813	-0.632557	5.22125
0.051004	82.0193	83.5236	14.3914	5.59987	29.9957	0.020838	-0.632557	5.22094

0.052004	81.8828	83.5238	14.5057	5.59987	29.6982	0.022813	-0.731248	5.21719
0.053004	81.7458	83.3888	13.4777	5.3267	29.2009	0.020825	-0.681901	5.21281
0.054004	81.7458	83.5238	14.2772	6.28278	28.8828	0.022188	-0.632557	5.19582
0.055004	82.1561	83.7971	14.2772	5.48329	28.9327	0.023438	-0.829936	5.17937
0.056004	81.7458	83.7971	15.3052	5.87303	28.6588	0.023438	-0.879228	5.16158
0.057004	81.7458	83.8803	14.5057	5.18012	29.8734	0.019888	-1.22489	5.18888
0.058004	81.8828	83.5238	14.3914	5.3267	30.1751	0.021563	-0.731248	5.22158
0.059004	82.1561	83.7971	14.9625	5.3267	30.4767	0.022188	-0.237799	5.21688
0.060004	81.8828	83.3888	14.9625	6.00862	30.9658	0.022188	-0.632557	5.21888
0.061004	82.0193	83.8803	14.5057	5.3267	31.2022	0.024888	-0.780591	5.21488
0.062005	81.8828	83.8803	14.183	5.3267	31.0677	0.0225	-0.583212	5.21584
0.063005	81.8828	84.2074	14.9625	6.28278	30.868	0.022813	-0.97797	5.21625
0.064005	81.8091	83.1133	14.9625	5.87303	30.6153	0.0225	-0.533867	5.21989
0.065005	81.8828	83.7971	13.9348	5.87303	29.1801	0.024375	-0.632557	5.21844
0.066005	81.8091	83.1133	14.2772	6.00862	29.0012	0.021563	-0.879228	5.21719
0.067005	82.0193	84.6178	13.9348	5.18012	29.8531	0.021563	-0.632557	5.21488
0.068005	81.8828	83.1133	14.2772	4.78038	30.118	0.019888	-1.07688	5.21094
0.069005	81.8828	83.5238	14.0488	5.48329	30.3503	0.021563	-0.583212	5.19219
0.070005	81.8828	83.8339	14.7341	5.59987	30.5884	0.022188	-0.237799	5.17094
0.071005	81.7458	84.0708	14.3914	5.59987	30.4158	0.025825	-0.731248	5.15889
0.072005	82.1561	83.7971	14.2772	6.41938	30.4885	0.028875	-0.583212	5.21531
0.073005	82.1561	83.5238	14.7341	5.73845	30.7294	0.023438	-0.731248	5.21688
0.074005	81.8828	83.5238	14.5057	5.73845	30.1139	0.022813	-0.731248	5.21719
0.075005	81.8828	83.7971	14.2772	5.3267	29.5877	0.021875	-0.435178	5.21719
0.076008	81.8828	83.5238	14.5057	5.87303	29.4332	0.022188	-0.829936	5.21344
0.077008	81.8091	83.8803	14.5057	5.73845	29.1318	0.020825	-0.829936	5.21488
0.078008	81.3358	83.8803	14.183	5.3267	28.7933	0.020825	-0.829936	5.21562
0.079008	82.1561	83.7971	13.8204	4.23406	29.7267	0.0175	-1.126	5.21908
0.080008	81.8828	84.0708	14.2772	5.48329	30.3086	0.019888	-0.829936	5.21584
0.081008	81.8828	82.9785	14.2772	5.73845	30.7213	0.023438	-0.435178	5.21408
0.082008	82.0193	83.7971	14.3914	6.41938	31.0068	0.02375	-0.731248	5.21488
0.083008	82.1561	83.7971	14.5057	5.87303	31.2104	0.025313	-0.829936	5.20937
0.084008	81.8828	83.7971	14.7341	5.87303	31.1898	0.023125	-0.731248	5.18344
0.085008	81.7458	83.5238	14.5057	5.3267	31.08	0.023438	-0.583212	5.18219
0.086008	81.7458	83.7971	14.7341	5.59987	30.762	0.022188	-0.731248	5.17531
0.087008	81.8828	84.0708	14.9625	5.87303	29.4047	0.021563	-0.632557	5.22858
0.088008	81.8828	83.8339	14.2772	5.87303	28.8463	0.022188	-0.829936	5.21584
0.089008	81.0822	83.5238	14.2772	6.1462	29.7022	0.022188	-0.829936	5.2175
0.090007	82.0193	83.5238	13.9348	3.96088	30.1425	0.019888	-1.02731	5.21031
0.091007	82.4295	83.7971	13.5919	4.78038	30.5338	0.02125	-0.632557	5.21187
0.092007	81.8828	83.9339	14.3914	5.3267	30.8435	0.022188	-0.338488	5.21875
0.093007	81.8091	83.7971	14.8483	6.28278	30.9414	0.02375	-0.879228	5.21844
0.094007	81.7458	83.5238	14.7341	6.00862	31.0877	0.024888	-0.632557	5.21584
0.095007	81.7458	84.0708	14.0488	5.73845	31.0066	0.020838	-0.829936	5.21408
0.096007	82.0193	84.0708	13.9348	5.48329	30.7783	0.02125	-1.07688	5.21408
0.097007	81.7458	83.9339	14.5057	5.05354	30.5338	0.019888	-0.829936	5.21719
0.098007	81.8828	83.9339	14.5057	5.87303	30.2158	0.020838	-0.632557	5.20094
0.099007	81.8828	83.5238	13.9348	5.87303	29.5718	0.024888	-0.435178	5.17688
0.100007	81.3358	83.7971	14.5057	5.73845	29.4577	0.02375	-0.583212	5.15625
0.101007	81.8828	83.7971	15.4194	5.3267	30.2189	0.021875	-0.829936	5.20313
0.102007	81.8828	84.0708	13.5919	5.3267	30.6805	0.020825	-0.731248	5.22094
0.103007	81.8828	83.9339	14.5057	5.59987	31.1289	0.022188	-0.237799	5.21488

0.104007	82.4295	83.7971	14.0488	5.3267	31.3775	0.0225	-0.881901	5.21858
0.105008	82.0193	83.5236	14.7341	5.59887	31.2348	0.025313	-0.731248	5.21344
0.106008	81.8826	83.6603	15.0766	5.18012	31.349	0.022188	-0.533887	5.21906
0.107008	81.7458	82.9765	14.0488	5.18012	31.2797	0.019888	-0.632557	5.21869
0.108008	81.8826	83.5236	14.0488	5.59887	30.7131	0.022188	-0.583212	5.21844
0.109008	81.8826	83.5236	14.5057	5.87303	30.2321	0.022813	-0.632557	5.21344
0.110008	81.8826	83.7971	14.5057	6.41836	29.2865	0.021583	-0.731248	5.21469
0.111008	81.7458	83.7971	14.2772	5.87303	29.1234	0.021875	-0.632557	5.21906
0.112008	81.7458	84.0706	14.5057	5.05354	29.3643	0.019375	-0.828836	5.21084
0.113008	81.7458	83.7971	14.0488	5.18012	29.8853	0.021875	-0.828836	5.18887
0.114008	81.8826	83.7971	14.2772	5.87303	30.2077	0.02375	-0.089785	5.16719
0.115008	81.8826	83.6603	14.0488	5.3267	30.3463	0.024375	-0.533887	5.15869
0.116008	82.4295	83.7971	14.183	5.87303	30.4482	0.021875	-0.632557	5.22125
0.117008	81.7458	83.6603	14.9625	5.59887	30.4645	0.020938	-0.731248	5.22156
0.118008	81.8826	83.9339	14.5057	5.87303	30.3828	0.02375	-0.87928	5.21531
0.119008	81.7458	82.9765	14.5057	5.59887	30.0408	0.022813	-0.632557	5.21438
0.120008	81.7458	83.6603	14.9625	6.00862	29.7875	0.024688	-0.828836	5.21875
0.121008	81.8826	83.9339	14.0488	5.46328	29.2457	0.022188	-0.632557	5.22219
0.122008	82.0193	83.7971	13.9346	5.18012	29.089	0.022813	-0.632557	5.22187
0.123008	81.7458	82.9765	15.3052	6.28278	29.9305	0.022813	-0.681901	5.21969
0.124008	81.8826	83.5236	14.2772	5.59887	30.3952	0.021875	-0.67928	5.21825
0.125008	81.8826	83.25	14.5057	5.18012	30.6479	0.020938	-0.385833	5.22156
0.126008	81.8826	83.5236	14.5057	5.87303	31.0392	0.0225	-0.632557	5.21969
0.127008	81.8826	83.5236	14.183	5.59887	31.1858	0.022188	-0.583212	5.20666
0.128008	81.8091	83.7971	14.5057	6.00862	31.0229	0.02375	-0.632557	5.18084
0.129008	81.7458	83.7971	14.7341	5.3267	30.8486	0.022188	-0.629836	5.16344
0.130008	81.3356	83.7971	14.9625	5.87303	30.6988	0.022188	-0.681901	5.17408
0.131008	81.8826	83.9339	14.3914	5.3267	30.1089	0.017813	-0.681901	5.23125
0.13201	82.0193	83.6603	14.5057	6.08253	29.7104	0.022188	-0.533887	5.21582
0.13301	81.8091	83.5236	14.2772	4.78038	28.8687	0.021583	-0.829836	5.21719
0.13401	81.7458	83.6603	15.3052	5.73645	28.3449	0.019083	-0.435178	5.22125
0.13501	81.0822	83.7971	14.2772	4.78038	28.887	0.021583	-1.02731	5.22187
0.13601	81.8826	83.6603	14.0488	4.78038	29.0908	0.022813	-0.13911	5.22219
0.13701	82.1561	83.7971	14.3914	6.28278	29.8001	0.025313	-0.533887	5.21969
0.13801	81.8091	83.5236	14.2772	5.87303	29.8001	0.02825	-0.435178	5.21937
0.13901	81.7458	83.25	14.5057	6.00862	29.637	0.020938	-0.632557	5.22312
0.14001	81.7458	83.9339	14.5057	6.73645	29.8734	0.020825	-0.632557	5.22281
0.14101	81.8826	83.7971	14.5057	5.59887	29.7919	0.022188	-0.435178	5.22084
0.14201	81.8826	83.9339	14.0488	5.3267	29.1784	0.020825	-0.632557	5.20469
0.14301	81.3356	83.7971	14.3914	8.96589	28.7321	0.022188	-0.484523	5.18094
0.14401	81.3356	83.7971	14.9625	6.41836	29.0093	0.022188	-0.780581	5.18531
0.14501	81.7458	84.0706	15.4194	5.87303	29.4858	0.024083	-0.731248	5.19656
0.146011	81.8826	83.7971	14.2772	5.59887	29.6533	0.02125	-0.583212	5.22594
0.147011	82.0193	83.5236	14.5057	6.1482	30.7783	0.022188	-0.13911	5.21531
0.148011	81.8826	83.25	14.183	5.59887	30.6762	0.02375	-0.632557	5.21969
0.149011	81.8826	83.5236	14.5057	5.3267	30.5175	0.022188	-0.533887	5.22156
0.150011	81.7458	83.9339	14.5057	6.41836	31.4468	0.022188	-0.484523	5.21969
0.151011	81.4724	83.3668	14.8483	5.59887	31.2267	0.022188	-0.731248	5.21781
0.152011	81.8826	83.7971	14.2772	5.59887	30.5297	0.022188	-0.435178	5.21844
0.153011	81.7458	83.6603	15.0766	5.73645	31.1533	0.018688	-0.533887	5.22437
0.154011	81.8826	83.5236	15.3052	6.96589	30.1282	0.024688	-0.533887	5.22156
0.155011	81.8091	84.0706	14.5057	5.05354	29.3589	0.023438	-0.632557	5.21781

0.156011	81.8091	83.3888	14.7341	5.59987	29.3385	0.02375	-0.632557	5.21219
0.157011	81.8828	83.5236	14.5057	5.19012	28.8588	0.021875	-0.632557	5.19375
0.158011	81.8828	83.5236	13.8204	6.00982	29.258	0.022813	-0.533867	5.17719
0.159011	82.1561	83.7971	14.5057	5.59987	30.0202	0.024063	-0.829936	5.15989
0.160012	81.8828	84.3442	15.191	6.1462	29.7349	0.024063	-0.287144	5.20584
0.161012	81.7458	83.7971	14.0488	5.87303	30.012	0.022188	-0.632557	5.21781
0.162012	81.7458	83.6803	15.0788	5.87303	29.9831	0.021875	-0.435178	5.21408
0.163012	81.7458	83.7971	14.5057	6.1462	29.9918	0.02125	-0.829936	5.21825
0.164012	81.7458	83.7971	14.3914	6.28278	29.8248	0.021583	-0.731246	5.21281
0.165012	82.1561	83.7971	14.5057	6.82911	29.2131	0.023125	-0.731246	5.21408
0.166012	81.8828	83.6803	15.191	5.87303	28.8218	0.023438	-0.97797	5.21158
0.167012	81.8828	83.6803	15.4194	5.59987	29.1927	0.019688	-0.731246	5.21719
0.168012	81.8828	83.6803	14.0488	4.84379	29.8571	0.021583	-0.829936	5.21408
0.169012	81.6091	83.7971	14.3914	5.87303	30.4116	0.023125	-0.484523	5.21489
0.170012	81.8828	83.5236	15.191	6.1462	31.4264	0.02375	-0.533867	5.21219
0.171012	81.8828	83.7971	14.5057	6.55594	31.0147	0.021583	-0.681901	5.20489
0.172012	81.3356	83.9339	14.3914	5.87303	31.7077	0.024063	-0.583212	5.18812
0.173012	81.8828	84.3442	14.5057	6.28278	31.7321	0.023438	-0.829936	5.16719
0.174013	82.0193	83.5236	14.2772	4.50721	31.8281	0.023438	-0.632557	5.15344
0.175013	81.8828	83.5236	15.0788	5.59987	31.7882	0.024063	-0.533867	5.20858
0.176013	81.6091	83.25	15.191	7.92177	31.3897	0.022188	-0.731246	5.21094
0.177013	81.7458	83.5236	14.9625	5.3287	30.4522	0.020625	-0.632557	5.21219
0.178013	82.1561	83.6803	14.7341	5.87303	28.5283	0.021583	-0.533867	5.21489
0.179013	81.8828	84.481	14.5057	5.69987	30.012	0.022188	-0.632557	5.20719
0.180013	81.8828	83.7971	15.191	5.19012	29.9957	0.022188	-0.13911	5.20719
0.181013	81.7458	83.25	14.7341	5.87303	29.8979	0.020938	-0.681901	5.21094
0.182013	82.0193	83.5236	14.9625	6.00982	30.5419	0.021875	-0.533867	5.2125
0.183013	82.4285	83.7971	14.7341	5.87303	30.5012	0.024375	-0.533867	5.21408
0.184013	81.7458	83.7971	14.9625	6.1462	30.1099	0.023438	-0.632557	5.21187
0.185013	81.8828	84.481	14.3914	5.73645	30.3381	0.022813	-0.632557	5.20989
0.186013	82.1561	83.5236	14.5057	5.3287	29.7593	0.020938	-0.731246	5.20683
0.187013	81.1989	83.9339	14.3914	6.55594	29.4984	0.022188	-0.435178	5.18858
0.188014	82.2928	83.7971	14.8483	5.59987	29.0788	0.02125	-0.681901	5.18344
0.189014	81.3356	83.7971	15.8783	5.87303	28.4142	0.021875	-0.681901	5.15989
0.190014	81.7458	83.6803	14.5057	6.1462	29.474	0.019063	-0.681901	5.21594
0.191014	81.4724	83.7971	14.5057	6.69253	29.4495	0.0225	-0.484523	5.21158
0.192014	82.0193	83.7971	14.8483	6.1462	30.3218	0.021583	-0.484523	5.21408
0.193014	81.8828	83.9339	14.3914	6.69253	31.3001	0.022813	-0.731246	5.20906
0.194014	81.7458	83.7971	15.0788	6.1462	30.6071	0.024063	-0.632557	5.20719
0.195014	81.8828	83.5236	14.5057	6.82911	30.9862	0.022813	-0.681901	5.21438
0.196014	81.8828	83.7971	14.7341	6.1462	31.6751	0.021583	-0.533867	5.21489
0.197014	81.8828	83.7971	14.5057	6.1462	31.0392	0.020838	-0.632557	5.21582
0.198014	81.7458	83.5236	13.9346	6.69253	30.5827	0.020625	-0.632557	5.21219
0.199014	81.8828	83.9339	14.5057	6.1462	30.0243	0.019688	-0.632557	5.21094
0.200014	81.8828	83.6803	14.3914	6.00982	28.6099	0.020938	-0.829936	5.21344
0.201014	81.6091	83.1133	14.5057	5.59987	28.9787	0.022813	-0.632557	5.20844
0.202015	81.8828	83.5236	14.7341	6.28278	29.9831	0.02375	-0.632557	5.18489
0.203015	81.3356	83.9339	13.9346	6.1462	29.8061	0.024688	-0.632557	5.16094
0.204015	81.8828	84.0708	14.3914	6.1462	30.1099	0.024688	-0.632557	5.16781
0.205015	81.7458	83.7971	14.8483	6.00982	30.4359	0.022188	-0.484523	5.22489
0.206015	82.1561	83.7971	14.3914	6.00982	29.955	0.020313	-0.829936	5.21582
0.207015	82.1561	83.5236	14.8483	5.46329	30.0283	0.022188	-0.632557	5.21812

0.208015	81.8828	83.9339	14.5057	5.87303	29.9794	0.020938	-0.633867	5.21312
0.209015	82.4295	83.6603	14.5057	6.69253	29.3762	0.022188	-0.435178	5.21344
0.210015	81.8091	83.3658	14.8483	5.3267	28.9523	0.021875	-0.533867	5.21844
0.211015	81.8828	83.7971	14.5057	5.48329	28.5732	0.022188	-0.484523	5.22094
0.212015	82.2928	83.7971	14.9625	5.59987	28.2104	0.021563	-0.632557	5.21489
0.213015	82.4295	83.6603	14.2772	5.59987	28.5732	0.021563	-0.533867	5.21094
0.214015	81.7458	82.8398	14.5057	5.59987	28.8859	0.021563	-0.267144	5.21875
0.215015	81.7458	83.7971	14.5057	5.59987	30.2077	0.021563	-0.533867	5.22094
0.216015	81.8828	84.0706	14.3914	5.3267	30.2892	0.024688	-0.731246	5.20531
0.217015	81.8828	83.5236	14.5057	5.87303	30.8518	0.021875	-0.632557	5.18158
0.218015	81.8828	83.5236	14.3914	5.59987	31.1003	0.021563	-0.731246	5.16313
0.219015	82.1561	83.7971	14.5057	5.59987	30.8316	0.022813	-0.583212	5.19156
0.220015	81.7458	82.9785	14.163	5.87303	30.8842	0.020838	-0.632557	5.23156
0.221015	81.8828	83.7971	14.2772	6.41936	30.5175	0.024688	-0.484523	5.21719
0.222015	82.1561	83.5236	14.2772	4.23405	28.8707	0.021875	-0.829936	5.21844
0.223015	81.8828	83.5236	14.5057	6.73645	28.8826	0.0225	-0.632557	5.215
0.224015	81.8828	83.6603	14.3914	6.73645	29.69	0.021563	-0.435178	5.22406
0.225015	81.8828	83.7971	15.191	6.41936	29.8957	0.023125	-0.632557	5.22469
0.226015	81.8828	83.7971	14.3914	5.46329	30.33	0.020838	-0.829936	5.22281
0.227015	81.7458	83.5236	14.9625	6.00962	30.281	0.024375	-0.632557	5.22094
0.228015	81.3356	83.9339	14.2772	6.1462	30.4645	0.02125	-0.731246	5.22219
0.229015	81.7458	83.25	14.0488	5.73645	30.4522	0.020838	-0.928625	5.21969
0.230017	81.8828	83.5236	14.7341	5.59987	30.118	0.023125	-0.632557	5.21844
0.231017	82.1561	83.5236	14.7341	6.41936	29.9061	0.021875	-0.533867	5.19582
0.232017	82.1561	83.5236	14.163	5.05354	29.8941	0.02375	-0.731246	5.17406
0.233017	81.7458	83.5236	15.0768	5.05354	29.3273	0.022188	-0.632557	5.16094
0.234017	81.8828	83.9339	14.5057	5.59987	28.7077	0.022188	-0.829936	5.20125
0.235017	82.0193	83.5236	13.3635	5.3267	28.7811	0.023125	-0.632557	5.22719
0.236017	82.2928	83.7971	14.5057	6.41936	29.6941	0.022188	-0.13911	5.21531
0.237017	81.7458	83.7971	14.5057	6.28278	30.0569	0.022813	-0.829936	5.21844
0.238017	82.1561	83.5236	14.5057	5.3267	30.5501	0.024093	-0.681901	5.21875
0.239017	81.3356	83.9339	14.7341	5.87303	30.9088	0.021563	-0.731246	5.22187
0.240017	82.1561	83.7971	14.2772	5.05354	30.974	0.022813	-0.829936	5.21969
0.241017	81.8828	83.9339	14.3914	5.3267	30.9984	0.022188	-1.02731	5.21625
0.242017	82.0193	83.9339	14.3914	5.46329	30.9903	0.020313	-0.928625	5.21906
0.243017	81.7458	83.6603	14.2772	6.96569	30.4767	0.021875	-0.87928	5.22281
0.244018	82.0193	83.5236	13.7061	5.46329	29.2131	0.021563	-0.533867	5.22281
0.245018	81.8828	83.6603	14.7341	5.3267	28.724	0.020313	-0.87928	5.21344
0.246018	81.8828	83.7971	14.2772	5.59987	29.5351	0.022188	-0.632557	5.18869
0.247018	82.2928	83.9339	14.0488	5.46329	29.8653	0.022188	-0.632557	5.17375
0.248018	81.7458	83.7971	14.5057	6.1462	30.4278	0.02375	-0.829936	5.16219
0.249018	81.8828	83.6603	15.191	5.87303	30.6479	0.02625	-0.632557	5.21219
0.250018	82.0193	83.9339	14.7341	5.46329	30.705	0.02375	-0.681901	5.21844
0.251018	81.8828	83.5236	15.0768	6.28278	30.9088	0.023438	-0.681901	5.21489
0.252018	81.8828	83.5236	14.7341	6.1462	30.8476	0.022188	-0.484523	5.21719
0.253018	81.8091	84.2074	14.5057	6.41936	30.589	0.022188	-0.533867	5.21844
0.254018	81.8828	83.5236	14.5057	5.87303	30.4033	0.022188	-0.731246	5.21812
0.255018	81.8828	83.7971	14.2772	5.73645	30.0935	0.022188	-0.928625	5.21658
0.256018	82.0193	83.5236	14.163	5.05354	29.5229	0.020625	-1.02731	5.21594
0.257019	81.8828	83.6603	14.2772	5.3267	29.2702	0.022188	-0.632557	5.21719
0.258019	81.8828	84.0706	14.2772	6.28278	29.8123	0.022813	-0.435178	5.21719
0.259019	81.8828	83.6603	13.7061	5.87303	30.3707	0.024063	-0.583212	5.21719

0.260019	81.8826	83.7971	14.3914	6.1462	30.974	0.024688	-0.633887	5.21094
0.261019	82.0193	84.0706	14.2772	6.55594	30.974	0.020938	-0.829838	5.19156
0.262019	81.8826	84.0706	14.7341	5.73645	31.0681	0.022188	-0.632557	5.17375
0.263019	81.8826	83.9339	15.0788	6.1462	31.2838	0.021875	-0.336486	5.16219
0.264019	82.0193	83.7971	14.7341	6.41936	30.9821	0.020313	-0.632557	5.21844
0.265019	82.4295	83.6603	14.0488	5.19012	30.4604	0.021875	-0.731246	5.21562
0.266019	82.1561	83.9339	13.9346	5.73645	30.1914	0.021563	-0.731246	5.21989
0.267019	82.4295	83.7971	14.8483	5.05354	29.3599	0.021563	-0.928625	5.21888
0.268019	82.1561	83.6603	14.0488	6.1462	28.618	0.022813	-0.533887	5.21719
0.269019	82.4295	83.9339	14.8483	6.1462	29.1887	0.02375	-0.089785	5.21825
0.270019	82.1561	83.9339	14.2772	5.73645	29.7349	0.023125	-0.681901	5.21489
0.27102	82.1561	83.5236	14.5057	6.1462	29.8816	0.024375	-0.533887	5.22094
0.27202	82.0193	83.5236	14.0488	5.59987	29.9857	0.020938	-0.533887	5.21969
0.27302	81.3356	83.9339	14.2772	5.3267	30.2568	0.019375	-0.533887	5.21937
0.27402	81.8826	83.7971	14.3914	6.41936	30.2525	0.022188	-0.484523	5.21594
0.27502	81.8826	83.5236	13.8204	6.28276	30.1282	0.022813	-0.533887	5.20989
0.27602	82.0193	83.7971	14.2772	5.3267	29.959	0.023125	-0.731246	5.18906
0.27702	81.8826	83.7971	14.9625	5.3267	29.7104	0.02375	-0.829838	5.16937
0.27802	82.2828	83.7971	13.4777	3.96088	29.1234	0.01875	-1.07886	5.16594
0.27902	81.8826	84.2074	14.5057	5.3267	28.7892	0.020938	-0.681901	5.22125
0.28002	81.4724	83.7971	14.8483	6.00962	29.5311	0.022813	-0.435178	5.21469
0.28102	81.8826	83.7971	14.2772	5.87303	29.9878	0.02375	-0.87928	5.21844
0.28202	81.8826	84.0706	14.5057	5.3267	30.4237	0.024688	-0.632557	5.21719
0.28302	81.8826	83.5236	13.5919	5.87303	30.7335	0.021563	-0.681901	5.21406
0.28402	81.8826	83.9339	14.3914	6.1462	30.6985	0.023125	-0.928625	5.21489
0.285021	82.2828	83.25	14.3914	6.1462	30.6354	0.022188	-0.681901	5.21812
0.286021	82.4295	83.5236	13.9346	5.59987	30.6272	0.021563	-0.632557	5.21937
0.287021	81.7458	84.0706	14.2772	5.48329	30.5788	0.021875	-0.632557	5.21856
0.288021	81.8826	83.3868	14.5057	5.59987	30.1099	0.024063	-0.731246	5.21469
0.289021	81.7458	83.5236	14.5057	4.78036	29.6555	0.021563	-0.928625	5.21281
0.290021	81.8826	83.5236	13.8204	5.87303	29.0338	0.024063	-0.533887	5.20344
0.291021	82.5663	83.5236	14.8483	5.59987	28.2675	0.022813	-0.04042	5.18156
0.292021	81.6091	83.5236	14.3914	6.69253	28.4305	0.022188	-0.632557	5.16187
0.293021	82.4295	83.7971	14.3914	5.73645	29.0297	0.025625	-0.632557	5.17469
0.294021	81.7458	83.1133	14.9625	5.73645	29.3028	0.022188	-0.533887	5.22219
0.295021	81.8826	83.7971	15.191	5.46329	29.3843	0.021563	-0.533887	5.21312
0.296021	82.4295	83.6603	14.5057	6.1462	29.6493	0.022188	-0.681901	5.21781
0.297021	82.2828	83.9339	14.5057	5.87303	29.6207	0.022188	-0.583212	5.21312
0.298021	82.4295	83.7971	14.5057	6.69253	29.4373	0.0225	-0.780591	5.21219
0.299022	81.8826	83.7971	14.3914	5.05354	29.3843	0.022813	-0.632557	5.21562
0.300022	82.4295	83.5236	13.3835	4.23405	28.8667	0.018438	-1.126	5.21719
0.301022	81.8826	83.7971	14.5057	6.1462	28.512	0.019063	-0.731246	5.21812
0.302022	81.6091	83.7971	15.191	5.59987	28.9482	0.02375	-0.287144	5.21469
0.303022	81.7458	83.3868	14.3914	5.48329	29.5025	0.022188	-0.87928	5.21344
0.304022	81.8826	83.6603	14.8483	6.00962	30.1262	0.025625	-0.681901	5.21666
0.305022	82.1561	83.7971	14.5057	5.73645	30.4319	0.02375	-0.681901	5.19781
0.306022	82.4295	83.5236	14.2772	5.73645	30.705	0.024688	-0.928625	5.17406
0.307022	82.0193	83.5236	15.191	6.1462	30.8232	0.022813	-0.484523	5.15469
0.308022	81.8826	84.0706	14.3914	5.73645	30.9169	0.021875	-0.632557	5.19625
0.309022	81.8826	83.5236	14.9625	6.1462	30.9858	0.020938	-0.731246	5.22281
0.310022	81.8826	83.5236	13.8204	5.05354	30.5664	0.019063	-0.681901	5.21582
0.311022	82.1561	83.5236	13.8204	3.8243	30.3381	0.017188	-1.42207	5.21094

0.312022	81.3356	83.7971	14.3914	5.05354	29.9142	0.02375	-0.928625	5.20906
0.313023	81.7458	83.3888	14.9825	5.73845	29.1071	0.024375	-0.13911	5.2125
0.314023	81.1989	83.7971	14.9825	6.00982	28.8058	0.023125	-0.683212	5.21906
0.315023	82.4295	83.7971	14.5057	6.1482	29.099	0.02375	-0.780591	5.21719
0.316023	81.8826	84.0706	15.191	6.00982	28.2335	0.020938	-0.829936	5.21469
0.317023	82.0193	84.2074	14.8483	5.59987	29.8001	0.020625	-0.829936	5.21125
0.318023	82.0193	83.9339	14.5057	5.87303	28.9183	0.021563	-0.87928	5.21594
0.319023	81.8826	83.6603	14.3914	5.59987	29.7675	0.020938	-0.632557	5.21719
0.320023	81.8826	83.7971	14.5057	6.28278	30.008	0.022188	-0.632557	5.18489
0.321023	82.0193	83.9339	14.5057	5.59987	29.8816	0.024688	-0.435178	5.17094
0.322023	81.8826	83.5236	14.8483	5.73845	28.9441	0.022613	-0.681901	5.15719
0.323023	81.8826	82.9785	14.3914	5.3267	29.0134	0.021563	-0.683212	5.20989
0.324023	82.703	83.6603	14.9825	5.87303	28.9623	0.021875	-0.188454	5.21969
0.325023	82.1561	83.5236	13.8204	4.91696	28.9115	0.023125	-0.633887	5.21594
0.326023	82.0193	83.9339	14.5057	5.59987	30.3789	0.021563	-0.435178	5.21312
0.327024	82.0193	84.3442	14.7341	6.00982	30.8658	0.022188	-0.583212	5.21489
0.328024	81.8826	83.7971	14.5057	5.73845	30.334	0.019688	-0.632557	5.22187
0.329024	81.8826	83.7971	14.2772	6.1482	31.8914	0.021563	-0.731246	5.22158
0.330024	81.8826	83.7971	14.2772	5.59987	31.5935	0.022188	-0.731246	5.21781
0.331024	81.8826	83.3888	14.5057	5.87303	31.08	0.0225	-0.681901	5.21406
0.332024	81.8826	83.25	14.5057	5.05354	31.9033	0.021875	-0.632557	5.21875
0.333024	81.8826	83.6603	14.7341	4.84379	31.6139	0.020625	-0.87928	5.22344
0.334024	81.8826	83.7971	14.0488	4.91696	30.3218	0.021563	-0.829936	5.21344
0.335024	81.7458	82.9785	14.8483	6.00982	29.6778	0.0225	-0.435178	5.18937
0.336024	82.0193	83.5236	14.9825	5.87303	29.1479	0.023125	-0.829936	5.16869
0.337024	82.1561	83.7971	14.5057	5.59987	29.1724	0.024688	-0.731246	5.16806
0.338024	82.0193	84.0706	14.5057	6.41838	30.1828	0.020313	-0.681901	5.22989
0.339024	81.8826	83.5236	14.9825	5.59987	29.8427	0.02125	-0.731246	5.21989
0.340024	81.8826	83.7971	14.9825	5.87303	30.2158	0.02375	-0.828625	5.21844
0.341025	81.6091	82.9785	14.2772	5.73845	30.2321	0.023125	-0.681901	5.21989
0.342025	81.8826	83.5236	14.5057	6.69253	29.8408	0.022613	-0.583212	5.22158
0.343025	81.8826	83.6603	14.5057	6.00982	29.9957	0.021563	-0.731246	5.22489
0.344025	82.4295	83.7971	15.191	5.59987	29.6207	0.020938	-0.583212	5.22408
0.345025	81.8826	83.7971	13.8204	5.3267	29.0093	0.021875	-0.731246	5.22094
0.346025	81.7458	83.9339	14.0488	5.59987	28.5161	0.020938	-0.237799	5.22219
0.347025	82.1561	84.0706	14.2772	5.73845	28.5773	0.022188	-0.583212	5.22187
0.348025	81.8826	83.25	14.3914	5.73845	29.1805	0.022188	-0.533867	5.21937
0.349025	81.6091	82.9785	14.5057	6.1482	29.6187	0.024688	-0.632557	5.20219
0.350025	82.4295	83.5236	14.5057	5.87303	30.4522	0.024063	-0.435178	5.17969
0.351025	82.1561	83.5236	14.7341	5.87303	30.9047	0.022613	-0.87928	5.16489
0.352025	82.0193	83.7971	14.8483	6.1482	30.3828	0.02375	-0.533867	5.17719
0.353025	82.0193	84.0706	14.8483	7.23885	31.2104	0.022188	-0.533867	5.22908
0.354025	82.1561	83.7971	14.5057	4.91696	31.1819	0.025838	-0.731246	5.21158
0.355026	81.8826	83.9339	14.9825	5.59987	30.6194	0.024063	-0.731246	5.21908
0.356026	82.1561	83.7971	14.163	6.73845	30.8825	0.02125	-0.632557	5.21844
0.357026	81.8826	83.5236	14.5057	5.59987	29.2294	0.022613	-0.435178	5.21888
0.358026	81.8826	83.3888	14.5057	5.87303	28.4142	0.022613	-0.731246	5.21719
0.359026	81.8826	83.6603	14.0488	5.3267	29.4251	0.025313	-0.533867	5.21158
0.360026	81.8826	83.25	14.5057	5.59987	29.6207	0.021563	-0.829936	5.21438
0.361026	82.4295	83.6603	14.5057	5.48329	29.7838	0.020625	-0.583212	5.21844
0.362026	81.7458	83.5236	14.5057	5.87303	30.1895	0.021563	-0.435178	5.21812
0.363026	81.7458	83.7971	14.5057	6.00982	29.8305	0.02375	-0.681901	5.215

0.364026	82.2928	83.7971	14.5057	5.87303	29.9794	0.021875	-0.881901	5.19781
0.365026	82.2928	83.7971	14.0488	4.91698	30.0487	0.020938	-0.632557	5.17675
0.366026	81.8826	84.0706	15.8763	5.3267	29.4858	0.022188	-0.632557	5.16469
0.367026	82.2928	83.5236	14.5057	5.3267	29.2743	0.022813	-0.632557	5.17908
0.368026	81.0622	83.5236	14.163	5.87303	28.9482	0.023125	-0.632557	5.22344
0.369027	81.7458	83.6603	14.0488	5.59887	28.1533	0.024375	-0.632557	5.20844
0.370027	82.0193	83.5236	14.9825	5.3267	27.8068	0.023125	-0.881901	5.21781
0.371027	81.8826	83.6603	14.8483	5.87303	28.8707	0.022188	-0.780591	5.21594
0.372027	81.1989	83.7971	14.5057	6.1462	28.5555	0.02375	-0.829938	5.21406
0.373027	81.8826	83.7971	14.9825	5.05354	29.8631	0.023125	-0.829938	5.21219
0.374027	81.8826	83.5236	14.2772	5.73645	30.4115	0.021875	-0.632557	5.21281
0.375027	82.2928	83.3868	14.5057	7.10227	30.6479	0.021583	-0.632557	5.21781
0.376027	81.3356	83.7971	14.7341	5.59887	30.4808	0.021875	-0.632557	5.21719
0.377027	82.0193	84.0706	14.2772	5.59887	30.7378	0.020938	-0.533867	5.21556
0.378027	82.1561	83.7971	14.163	5.19012	30.6805	0.02375	-0.829938	5.20844
0.379027	82.0193	83.9339	14.7341	5.3267	29.8164	0.021875	-0.13911	5.19594
0.380027	81.8826	83.6603	14.8483	6.41938	28.7158	0.023438	-0.928825	5.17719
0.381027	81.6091	83.5236	14.8483	5.46329	28.9728	0.024888	-0.484523	5.15844
0.382028	82.1561	84.3442	14.8483	5.3267	29.2783	0.023125	-0.583212	5.19844
0.383028	81.7458	84.3442	13.8204	4.91698	29.7675	0.01875	-0.881901	5.21812
0.384028	82.0193	83.7971	14.5057	5.87303	30.3218	0.02125	-0.632557	5.21156
0.385028	81.8826	83.3868	14.2772	5.87303	30.1425	0.023125	-0.533867	5.21719
0.386028	82.0193	83.9339	14.5057	5.87303	30.0528	0.023438	-0.435178	5.21531
0.387028	81.8826	83.6603	14.5057	4.84379	30.1914	0.023438	-0.829938	5.21281
0.388028	81.8826	84.0706	15.3052	5.73645	30.1069	0.022813	-0.881901	5.21625
0.389028	81.8826	83.7971	13.8204	5.3267	29.8245	0.019888	-0.435178	5.21584
0.390028	81.3356	83.5236	14.5057	5.73645	29.3569	0.022188	-0.881901	5.21781
0.391028	81.8826	83.5236	14.5057	5.3267	29.1801	0.0225	-0.731246	5.21531
0.392028	82.1561	83.7971	14.3914	5.19012	28.887	0.022813	-0.97797	5.21344
0.393028	82.0193	83.7971	14.8483	6.1462	28.3571	0.021875	-0.731246	5.21489
0.394028	82.0193	83.5236	14.163	5.19012	29.4088	0.020825	-0.632557	5.19858
0.395028	82.1561	83.6603	14.0488	5.73645	30.1914	0.023438	-0.435178	5.17489
0.396029	81.6091	83.5236	14.163	5.05354	30.277	0.021875	-0.731246	5.15582
0.397029	81.8826	83.5236	14.8483	6.41938	30.6642	0.022188	-0.533867	5.20656
0.398029	81.8826	83.5236	14.5057	6.1462	30.9903	0.020313	-0.533867	5.21781
0.399029	81.6091	83.6603	14.9825	5.73645	30.9925	0.022813	-0.583212	5.21781
0.400029	81.7458	83.5236	14.2772	5.59887	30.7213	0.021583	-0.484523	5.21719
0.401029	82.0193	83.7971	14.0488	5.73645	30.5052	0.023438	-0.13911	5.21125
0.402029	81.8826	83.7971	14.0488	5.05354	29.2417	0.022188	-0.435178	5.21469
0.403029	82.1561	83.6603	14.3914	5.59887	28.455	0.020938	-0.583212	5.21906
0.404029	81.8826	83.9339	14.3914	5.59887	29.4903	0.02375	-0.731246	5.21812
0.405029	82.1561	83.9339	14.5057	5.46329	28.8612	0.022813	-0.829938	5.21584
0.406029	82.1561	83.9339	15.0768	6.00962	30.3218	0.023438	-0.533867	5.21344
0.407029	82.0193	83.7971	14.3914	5.05354	30.5684	0.022188	-0.632557	5.21582
0.408029	81.8826	83.7971	14.8483	7.10227	30.7702	0.023438	-0.533867	5.21219
0.409029	81.8826	83.6603	14.3914	5.73645	30.705	0.022813	-0.829938	5.18969
0.41003	81.8826	83.5236	14.5057	5.3267	30.7009	0.022813	-0.731246	5.18906
0.41103	82.1561	83.6603	14.8483	5.73645	30.7579	0.023125	-0.829938	5.18906
0.41203	82.1561	83.7971	13.8204	5.59887	30.3829	0.02125	-0.632557	5.21869
0.41303	81.6091	83.6603	14.9825	5.73645	29.849	0.021583	-0.583212	5.21844
0.41403	82.0193	83.9339	14.2772	5.3267	29.4485	0.0225	-0.583212	5.21781
0.41503	82.4295	83.5236	14.163	6.28278	29.1764	0.023438	-0.435178	5.21469

0.41603	81.8826	83.7971	14.3914	6.1462	29.8001	0.022188	-0.731248	5.21406
0.41703	81.8826	83.7971	14.2772	5.59987	30.4319	0.022188	-0.632557	5.21989
0.41803	81.8826	83.8603	14.5057	6.1462	30.5664	0.020825	-0.632557	5.22158
0.41903	81.8091	84.2074	14.0488	6.00982	30.8721	0.020838	-0.533867	5.22158
0.42003	82.4295	83.5236	14.5057	6.1462	31.2228	0.0225	-0.632557	5.21531
0.42103	81.8826	83.8603	14.9825	5.3267	30.9903	0.020313	-0.632557	5.22219
0.42203	81.8826	83.5236	13.9346	5.3267	30.8191	0.021875	-0.829936	5.21989
0.42303	81.7458	83.5236	14.5057	5.59987	30.8357	0.023438	-0.533867	5.21156
0.424031	82.4295	83.7971	14.5057	5.19012	30.0283	0.024063	-0.435178	5.1875
0.425031	81.7458	83.7971	14.7341	5.46329	29.1968	0.02375	-0.583212	5.18563
0.426031	81.8091	83.9339	14.5057	5.87303	28.5487	0.024688	-0.829936	5.16719
0.427031	81.7458	84.3442	14.5057	5.59987	29.0786	0.020825	-0.533867	5.23031
0.428031	81.8091	83.5236	14.5057	5.59987	29.3865	0.021563	-0.435178	5.21875
0.429031	82.2928	83.9339	14.8483	5.3267	29.7349	0.019688	-0.681901	5.22031
0.430031	81.8826	83.3668	14.5057	6.88253	29.9878	0.021563	-0.731248	5.2175
0.431031	82.4295	83.7971	14.2772	6.1462	30.1099	0.021563	-0.533867	5.22219
0.432031	82.1561	83.9339	14.5057	5.87303	30.0283	0.023438	-0.829936	5.22344
0.433031	81.8091	83.5236	15.191	5.73645	29.9753	0.021875	-0.583212	5.22125
0.434031	81.8826	84.3442	14.5057	6.1462	29.9061	0.0225	-0.780591	5.21844
0.435031	81.8826	83.9339	14.7341	6.28278	29.5922	0.021563	-0.533867	5.22094
0.436031	82.1561	84.0706	14.3914	6.1462	29.1112	0.021875	-0.681901	5.22468
0.437031	82.4295	83.7971	14.5057	6.1462	28.6792	0.024063	-0.632557	5.22312
0.438032	81.8826	83.7971	14.5057	5.59987	29.282	0.022813	-0.829936	5.21312
0.439032	82.2928	83.7971	14.8483	6.41936	29.8082	0.023438	-0.731248	5.18406
0.440032	82.1561	83.7971	14.5057	5.87303	30.3014	0.021563	-0.731248	5.18887
0.441032	82.1561	83.5236	14.2772	5.59987	30.5052	0.020838	-0.829936	5.18656
0.442032	82.5663	83.5236	14.5057	5.3267	30.6805	0.022813	-0.829936	5.23281
0.443032	81.7458	83.8603	14.7341	5.59987	30.8558	0.024063	-0.928625	5.21937
0.444032	81.8826	83.5236	14.9825	5.73645	30.7131	0.024063	-0.829936	5.21875
0.445032	81.7458	83.7971	14.2772	5.59987	30.3952	0.022813	-0.533867	5.21989
0.446032	81.8826	83.8603	14.5057	5.87303	30.0935	0.022813	-0.484523	5.21989
0.447032	81.8826	83.5236	14.183	5.3267	29.6574	0.022813	-0.829936	5.22344
0.448032	81.8826	83.7971	14.2772	5.3267	28.9441	0.025313	-0.632557	5.21989
0.449032	81.4724	83.8603	14.5057	5.87303	28.2797	0.021563	-0.533867	5.22312
0.450032	82.0193	83.7971	14.8483	6.1462	28.3879	0.024063	-0.731248	5.21719
0.451032	82.1561	83.8603	13.9346	5.59987	28.7465	0.02375	-0.533867	5.21562
0.452033	81.8091	82.9786	14.9625	6.41936	29.1398	0.023438	-0.829936	5.21281
0.453033	82.1561	83.7971	14.5057	6.00982	29.4373	0.02375	-0.731248	5.19658
0.454033	81.8826	84.0706	15.191	5.73645	29.4414	0.022813	-0.533867	5.17584
0.455033	82.1561	83.25	14.3914	5.05354	29.5229	0.023438	-0.97797	5.15989
0.456033	82.0193	83.8603	13.8204	5.46329	29.4414	0.023438	-0.832557	5.18531
0.457033	81.8826	83.9339	14.3914	5.19012	29.262	0.022188	-0.484523	5.21989
0.458033	81.8826	83.5236	14.2772	5.73645	29.0258	0.0225	-0.681901	5.20887
0.459033	81.8826	83.7971	14.8483	5.87303	28.6017	0.024688	-0.583212	5.21219
0.460033	81.7458	83.7971	14.2772	5.3267	28.6465	0.022188	-0.632557	5.21156
0.461033	81.8091	83.1133	14.5057	5.73645	28.3639	0.023125	-0.731248	5.20969
0.462033	82.4295	83.9339	14.3914	6.00982	29.9142	0.022188	-0.683212	5.20875
0.463033	81.8826	84.481	14.7341	7.51202	30.3218	0.0225	-0.583212	5.20856
0.464033	82.0193	83.8603	14.9825	5.87303	30.4849	0.022813	-0.632557	5.21062
0.465033	82.0193	83.7971	15.191	6.1462	30.8588	0.021563	-0.87928	5.21375
0.466034	81.8826	83.5236	14.5057	5.73645	30.8588	0.022188	-0.829936	5.21125
0.467034	82.0193	83.5236	14.0488	5.87303	30.7783	0.0225	-0.583212	5.20906

0.519037	82.1561	83.9339	14.9425	10.3602	29.4088	5.89219	4.84471	4.73719
0.518037	81.8826	83.9339	14.9414	8.33151	29.3843	5.87081	4.58798	4.72719
0.517037	81.8826	83.5236	14.8483	7.78518	29.0419	5.86158	5.04208	4.72844
0.516037	82.0193	83.6603	14.2772	6.96669	29.6099	5.82469	5.09143	4.70969
0.515037	82.0193	83.5236	14.5057	6.82911	29.7229	5.78344	4.99274	4.69469
0.514037	82.0193	83.7971	14.7341	6.1462	30.483	5.76344	4.89405	4.67281
0.513037	82.1561	83.7971	14.2772	6.87303	31.1896	5.78312	4.89405	4.68469
0.512037	82.2828	84.0706	14.5057	7.23886	30.7987	5.76969	5.23946	4.69166
0.511037	81.8826	83.6603	14.2772	5.87303	30.8843	5.73937	4.44995	4.68469
0.510037	81.6091	83.6603	14.5057	4.84379	30.9862	5.71625	3.90716	4.67781
0.509037	81.8826	83.9339	14.5057	6.59987	30.0772	5.69406	4.26267	4.67188
0.508037	82.0193	83.5236	14.2772	6.1462	30.1262	5.68719	3.85781	4.68094
0.507037	81.8826	83.6603	14.5057	5.73845	29.7797	5.64344	3.90716	4.65469
0.506036	81.8826	83.7971	14.8483	6.41936	28.661	5.61344	3.5124	4.64469
0.505036	81.8826	83.6603	14.7341	5.73845	28.402	5.58219	3.61109	4.63594
0.504036	81.8826	83.1133	14.5057	6.1462	28.7362	5.54906	3.16899	4.62781
0.503036	81.7458	83.9339	14.9826	5.87303	29.0766	5.51781	3.11764	4.61281
0.502036	81.8826	83.7971	14.8483	6.00962	29.6941	5.46094	3.01885	4.60781
0.501036	81.8826	83.5236	14.3814	6.1462	29.7287	5.44781	3.70978	4.56844
0.500036	81.3356	84.0706	15.0768	6.00962	30.2199	5.18281	3.21633	4.52844
0.499036	81.3356	83.5236	12.9086	3.68772	29.9878	5.59719	2.92026	4.46281
0.498036	82.4296	84.2074	15.8478	6.1462	30.1017	3.87989	3.80716	4.58281
0.497036	81.8826	83.5236	14.3814	5.59987	29.8001	0.183437	4.25257	5.18094
0.496036	82.0193	82.9765	14.5057	6.41936	29.6615	0.021875	4.20322	5.21781
0.495036	82.1561	83.9339	14.9825	5.87303	29.5311	0.019888	4.30181	5.21781
0.494036	81.8826	83.6603	14.8825	5.73845	28.8547	0.021875	4.49828	5.21781
0.493036	81.8826	83.7971	14.9825	6.87303	29.7758	0.020836	4.49828	5.21906
0.492036	81.7458	83.7971	14.9825	6.28278	31.1533	0.023436	4.4006	5.21844
0.491036	81.7458	83.1133	14.5057	5.59987	31.5732	0.023436	3.86781	5.21876
0.490036	82.0193	84.3442	15.4194	6.41936	31.3327	0.022813	3.5124	5.21469
0.489036	82.1561	83.5236	14.5057	6.00962	31.5935	0.023436	2.72288	5.21844
0.488036	81.6091	84.0706	15.181	5.3287	31.4631	0.020836	1.14385	5.21344
0.487036	82.1561	83.7971	14.5057	6.1462	31.1044	0.022813	1.04616	5.22281
0.486036	82.1561	84.0706	15.181	6.41936	30.7946	0.021683	-0.237799	5.19226
0.485036	82.0193	83.7971	14.5057	6.41936	30.4196	0.022188	-0.436178	5.15837
0.484036	82.1561	83.6236	14.5057	5.87303	29.8663	0.021225	-0.731246	5.17531
0.483036	82.4295	83.7971	14.7341	5.59887	29.0419	0.023436	-0.82936	5.19656
0.482036	81.8826	83.5236	14.5057	5.87303	28.349	0.021225	-0.881901	5.21031
0.481036	81.6091	83.9339	14.8483	5.87303	29.2539	0.026563	-0.82936	5.21156
0.480036	81.8826	83.6603	14.2772	5.87303	29.4047	0.022813	-0.82936	5.21406
0.479034	81.8826	83.6603	14.2772	5.59887	29.474	0.021875	-0.632557	5.215
0.478034	82.0193	83.7971	14.3914	6.1462	29.8264	0.022188	-0.82936	5.21156
0.477034	81.8826	83.7971	13.1351	5.05354	29.69	0.018436	-1.02731	5.20969
0.476034	81.6091	83.6603	14.5057	6.1462	29.9061	0.022188	-0.533857	5.21062
0.475034	82.0193	83.5236	13.7061	5.59887	29.3925	0.021563	-0.583212	5.21094
0.474034	81.8826	83.7971	14.8483	5.59887	29.1805	0.020936	-0.583212	5.21556
0.473034	81.6091	83.5236	14.5057	6.88253	28.9196	0.022813	-0.881901	5.20781
0.472034	81.8826	83.9339	13.9346	5.46329	28.5732	0.022188	-0.435178	5.21844
0.471034	81.8826	84.0706	14.5057	5.87303	29.2376	0.023436	-0.731246	5.18344
0.470034	82.1561	83.9339	15.0768	6.82911	30.0935	0.025313	-0.731246	5.15594
0.469034	81.8826	83.9339	14.0488	5.3257	30.0854	0.024688	-0.583212	5.17375
0.468034	82.1561	83.25	14.5057	6.1462	30.7783	0.023125	-0.583212	5.19094

0.520037	81.7458	83.8803	15.191	9.9705	30.5093	5.90719	4.49929	4.74344
0.521038	82.4295	84.0706	14.5057	9.151	30.0854	5.92281	4.10453	4.74844
0.522038	82.0193	83.7871	14.5057	10.1071	28.4088	5.93837	4.44995	4.75281
0.523038	81.8826	83.7871	14.5057	11.0632	28.7787	5.95583	4.84471	4.75889
0.524038	81.6091	83.25	14.8625	10.79	30.1465	5.98812	3.70978	4.76219
0.525038	81.8826	83.25	14.8625	11.0632	29.1153	5.98469	4.15388	4.76869
0.526038	81.8826	83.5236	15.191	11.0632	28.8089	5.98719	3.9585	4.77437
0.527038	82.0193	83.5236	15.4194	10.79	28.5773	6.00812	4.10453	4.77719
0.528038	82.1561	84.0706	14.8625	10.2437	27.8884	5.98806	4.20322	4.78531
0.529038	81.8826	83.5236	15.191	10.2437	28.3571	5.98806	4.4006	4.75187
0.530038	81.7458	83.5236	14.8625	9.56075	29.3925	5.98469	4.20322	4.74281
0.531038	82.0193	83.8803	15.191	9.151	29.2948	6.04594	4.4006	4.78989
0.532038	81.8826	83.5236	15.191	7.92177	30.1282	6.07844	4.00585	4.80837
0.533038	82.0193	83.5236	15.7821	9.56075	30.8782	6.08856	4.54884	4.80906
0.534038	81.8826	83.8803	15.7821	9.89733	30.387	6.10084	4.88274	4.81856
0.535038	82.4295	84.3442	16.2189	9.83392	30.3218	6.10889	4.84733	4.81806
0.536038	81.8826	83.8803	15.8763	9.56075	30.7948	6.12469	4.89274	4.82437
0.537038	82.4295	83.8339	16.2189	9.151	30.4186	6.13125	4.89887	4.82889
0.538038	81.8826	83.5236	15.8478	8.19483	28.883	6.14437	5.04206	4.83489
0.539038	82.1561	83.8339	15.8763	9.151	28.6588	6.15625	5.04206	4.84219
0.540038	81.6091	83.8803	16.3332	9.89733	29.3109	6.16719	5.04206	4.84437
0.541038	81.8826	83.5236	16.79	10.1071	29.4858	6.17582	5.48619	4.84937
0.542038	81.8826	83.8339	16.9042	10.79	29.9794	6.18469	5.58488	4.85219
0.543038	81.7458	83.8888	17.1327	10.1071	30.2077	6.17438	5.48619	4.84156
0.544038	81.3356	83.1133	15.8763	10.3802	30.1384	6.16094	6.02888	4.82531
0.545038	81.7458	83.7971	17.1327	11.7481	29.9857	6.15219	6.47308	4.81594
0.546038	81.8826	83.5236	16.79	12.7021	30.1282	6.20469	6.82111	4.85844
0.547038	82.1561	83.8339	16.5616	14.6143	29.9061	6.24219	8.78915	4.88219
0.548038	82.1561	83.7871	17.1327	15.4338	29.5718	6.24156	7.01587	4.87937
0.54904	81.8826	83.7871	17.4753	16.2533	29.2783	6.25812	7.38128	4.86844
0.55004	81.7458	83.5236	17.818	16.9382	28.8751	6.26406	7.85473	4.89187
0.55104	82.1561	83.25	17.818	16.1854	28.4387	6.27437	8.06211	4.89856
0.55204	82.4295	83.1133	18.0464	19.941	29.1388	6.28719	8.00277	4.90375
0.55304	81.6091	84.0706	18.0464	19.1215	29.8207	6.29219	8.5948	4.90584
0.55404	82.4295	83.8803	17.8322	19.2581	30.1017	6.28989	8.54556	4.91084
0.55504	82.4295	83.7971	18.1606	20.8971	30.5582	6.30989	9.039	4.91437
0.55604	81.8826	84.0706	18.9602	21.4434	30.8887	6.32344	9.5818	4.92219
0.55704	81.8826	83.5236	19.5313	21.7188	30.8396	6.32856	9.039	4.92156
0.55804	81.7458	83.8339	19.3028	21.7188	30.8028	6.31219	9.43376	4.90719
0.55904	82.1561	84.0706	20.1023	22.2829	30.5745	6.29469	9.29638	4.88156
0.56004	81.8826	83.7971	20.7878	21.9887	29.8775	6.28156	9.48311	4.87781
0.56104	81.8826	83.8803	20.9019	21.3088	28.3245	6.33719	9.43376	4.92375
0.56204	81.6091	83.5236	21.473	22.3985	28.9523	6.37989	9.43376	4.95408
0.563041	81.1889	83.8803	21.8158	22.3985	29.6003	6.37937	9.38507	4.94908
0.564041	81.8826	83.5236	21.8158	21.7188	30.0809	6.39083	9.38442	4.95719
0.565041	81.3356	83.5236	24.3284	21.7188	30.2118	6.39856	9.38442	4.96156
0.566041	81.7458	83.8339	22.3867	22.5361	30.5134	6.40489	9.28573	4.95889
0.567041	81.7458	83.5236	23.6431	23.0824	30.8234	6.41719	9.72983	4.97344
0.568041	82.1561	83.8803	24.3284	22.8092	30.5297	6.42469	9.43376	4.97583
0.569041	82.1561	83.5236	25.0137	23.9019	30.4971	6.43719	9.43376	4.98094
0.570041	82.0193	83.8339	25.4708	24.858	30.387	6.44156	9.23638	4.98312
0.571041	81.8826	84.6178	26.1559	24.8945	29.9835	6.44837	9.43376	4.98875

0.672041	81.8828	83.5236	26.6128	25.814	29.8044	6.45469	9.38442	4.99156
0.673041	82.0193	83.5236	27.5286	26.6335	29.0501	6.44187	9.43376	4.97969
0.574041	82.0193	84.0706	28.5546	29.3662	29.2131	6.42944	9.28573	4.96469
0.575041	82.1561	83.5236	28.2118	28.4091	29.8897	6.40906	9.33507	4.95187
0.576041	81.8828	83.9339	30.953	30.1847	30.3544	6.44906	9.039	4.98344
0.577042	82.1561	84.0706	30.2677	30.4578	30.6723	6.51344	9.13789	5.02844
0.578042	81.6091	82.9765	31.2957	32.6431	30.921	6.50219	9.43376	5.01876
0.579042	82.1561	83.7971	32.5521	34.4187	31.0068	6.51187	9.33507	5.02531
0.580042	82.0193	84.0706	33.2374	35.1018	30.8517	6.5225	9.18704	5.02969
0.581042	82.1561	84.3442	33.8943	35.9211	30.8397	6.53312	9.43376	5.03906
0.582042	81.7458	83.8603	35.5217	36.8772	30.3055	6.54094	9.43376	5.04469
0.583042	82.0193	83.5236	36.4356	37.8333	29.7349	6.54156	9.23638	5.04219
0.584042	81.8828	83.5236	37.6081	38.6528	28.7077	6.55187	9.63114	5.04969
0.585042	81.6091	83.5236	38.4914	39.4722	28.6343	6.55844	9.72983	5.05219
0.586042	81.8828	83.5236	40.0905	39.4722	29.1479	6.56406	9.48311	5.05531
0.587042	82.1561	83.7971	42.6033	41.3844	29.5718	6.56489	9.63114	5.05844
0.588042	81.8828	83.7971	42.489	41.521	29.7308	6.54582	9.43376	5.03844
0.589042	81.6091	83.5236	44.7734	43.2965	29.9224	6.53219	9.82852	5.02469
0.590042	81.7458	83.5236	46.2582	44.6624	30.0283	6.50969	9.72983	5.00844
0.691043	81.8828	84.2074	47.9715	47.1208	29.9957	6.52469	10.2726	5.02312
0.692043	81.1989	83.9339	49.5705	47.9403	29.8979	6.59812	10.0259	5.07437
0.693043	81.3358	83.9339	51.398	50.8086	29.7228	6.59906	10.0259	5.06594
0.694043	81.7458	83.5236	53.1113	52.9939	29.3395	6.59856	10.0259	5.07219
0.695043	81.8828	83.6803	55.3856	54.3597	28.7892	6.59582	10.0259	5.06875
0.696043	82.2928	83.7971	57.3374	58.0474	28.7892	6.59844	10.5193	5.07158
0.697043	81.3358	83.7971	58.1369	58.8689	29.4414	6.60219	10.2239	5.07406
0.698043	81.8828	83.5236	61.5634	60.7791	29.8879	6.60989	10.818	5.07969
0.699043	82.1561	84.481	62.4772	62.418	30.3381	6.60989	10.5193	5.07719
0.800043	81.8828	83.6803	64.9899	64.6034	30.5501	6.61489	11.0128	5.07813
0.801043	81.8828	83.9339	67.2743	68.2423	30.6316	6.61489	10.818	5.07813
0.802043	81.8828	84.0706	69.216	68.974	30.7783	6.61844	10.818	5.07969
0.803043	81.7458	83.5236	71.7286	70.7496	30.6153	6.60906	10.7187	5.07094
0.804043	81.6091	83.6803	74.0132	73.0715	30.2444	6.58406	10.8154	5.05094
0.805044	81.8828	84.0706	76.4117	75.6685	29.9488	6.55969	11.0128	5.03219
0.806044	81.8828	84.2074	78.0106	76.3494	29.2885	6.55219	11.0128	5.02844
0.807044	81.8828	83.6803	79.3814	80.1737	28.6099	6.83219	11.3089	5.08781
0.808044	81.8828	83.6803	81.78	82.0659	28.0392	6.82594	11.3089	5.07969
0.809044	82.1561	83.5236	85.5492	83.5883	28.4631	6.82906	11.4075	5.08531
0.810044	81.3358	83.9339	86.3487	85.0907	28.8544	6.82844	11.5082	5.08094
0.811044	81.8828	83.25	88.833	86.1833	29.1316	6.82781	11.3089	5.07937
0.812044	81.8828	83.25	89.8894	88.7784	29.2131	6.83084	11.5082	5.08219
0.813044	81.8828	83.7971	92.288	91.2369	29.3395	6.83469	11.4075	5.08156
0.814044	82.4295	83.6803	93.0875	90.9837	29.5392	6.83375	11.7036	5.07969
0.815044	81.8828	83.9339	94.8896	92.193	29.2906	6.83344	11.759	5.08156
0.816044	81.8828	83.7971	94.915	93.0125	29.0012	6.83312	11.5556	5.07969
0.817044	81.8828	83.6803	96.2856	96.0173	28.7851	6.83469	11.9503	5.08219
0.818044	81.8828	83.3868	97.3136	99.2952	28.3653	6.82969	11.901	5.07469
0.819045	82.2928	83.7971	98.57	100.386	28.6282	6.80344	11.8517	5.05406
0.820045	81.8828	83.6803	99.4837	100.251	29.5068	6.57489	12.0984	5.03406
0.821045	81.8828	83.3868	100.397	99.705	29.9387	6.55625	11.8023	5.01719
0.822045	81.8828	83.1133	101.54	102.3	30.0895	6.82094	12.5425	5.08969
0.823045	81.8828	84.0706	102.225	102.163	30.6316	6.83582	12.3451	5.07656

0.624045	82.4295	83.7971	103.024	103.12	30.6318	6.62906	12.1971	5.07219
0.625045	81.8828	83.6603	104.395	104.485	30.4845	6.62844	12.2464	5.07094
0.626045	81.8828	83.6603	105.423	106.124	30.8925	6.62531	12.3944	5.06812
0.627045	82.0193	83.5238	106.679	106.944	30.5012	6.62594	12.2958	5.06812
0.628045	81.6091	83.7971	107.251	107.763	29.8205	6.62437	12.1971	5.06656
0.629045	82.0193	83.7971	107.707	108.858	29.8859	6.62219	12.4438	5.06594
0.630045	81.8828	83.7971	108.279	107.9	28.9849	6.61969	12.3944	5.06406
0.631045	81.8828	84.0706	109.421	109.675	28.2023	6.62156	12.4931	5.08219
0.632045	82.0193	83.5238	110.563	110.768	28.9237	6.61875	12.3944	5.05844
0.633045	81.7458	83.7971	110.677	111.314	29.3925	6.61469	12.6412	5.05531
0.634045	81.6091	84.0706	112.048	111.314	29.1805	6.69125	12.6905	5.03719
0.635045	81.3358	83.7971	112.619	112.407	29.2131	6.66281	12.3451	5.01437
0.636045	81.3358	83.7971	113.875	114.468	30.0609	6.64156	12.8879	4.99719
0.637045	81.3358	83.7971	114.789	115.139	29.4803	6.58094	12.7399	5.03094
0.638045	82.4295	83.7971	115.132	115.139	29.1438	6.61469	12.7892	5.05281
0.639045	82.2928	83.7971	116.274	116.095	29.4088	6.59969	12.5918	5.04219
0.640045	81.4724	83.7971	117.302	118.28	28.9359	6.60158	12.9868	5.04344
0.641045	82.0193	83.7971	118.101	116.778	27.9251	6.59658	12.5918	5.03969
0.642045	81.8828	83.7971	118.787	118.28	29.1988	6.59344	12.9868	5.03719
0.643045	81.3358	83.9339	119.929	119.848	29.7186	6.59344	12.7399	5.03469
0.644045	81.8828	83.6603	121.071	121.422	30.1282	6.58844	12.9868	5.02969
0.645045	81.7458	83.9339	122.099	121.422	30.7743	6.58844	13.332	6.03094
0.646045	81.8828	83.9339	123.469	123.743	30.9251	6.58812	13.1346	5.02938
0.647045	81.7458	83.6603	124.155	123.607	31.2226	6.58187	13.3813	5.02469
0.648045	82.2928	83.9339	125.411	125.519	31.243	6.57868	13.2826	5.02063
0.649045	81.8828	83.7971	126.439	127.021	31.137	6.54969	13.3613	4.99906
0.650045	81.6091	83.6603	127.561	128.797	31.3245	6.52261	13.48	4.97844
0.651045	81.7458	83.7971	128.638	129.818	30.7948	6.50187	13.332	4.96469
0.652045	81.8828	83.7971	130.695	130.573	29.2783	6.53344	13.6281	4.98812
0.653045	81.7458	83.26	131.922	132.075	28.6914	6.58469	13.3813	5.02594
0.654045	81.8828	84.2074	132.378	133.987	29.388	6.58406	13.48	5.00781
0.655045	82.1581	84.2074	133.749	135.08	29.2824	6.58781	13.9735	6.01094
0.656045	81.0822	83.7971	134.863	134.67	29.7022	6.58406	13.7761	5.00644
0.657045	81.8828	83.6603	136.376	136.446	29.9367	6.5875	13.7288	5.01094
0.658045	82.2928	83.7971	136.719	137.402	29.8449	6.58781	14.0722	4.99813
0.659045	81.8828	83.9339	138.089	138.358	29.9305	6.58281	13.7761	3.45594
0.660045	82.0193	83.6603	131.236	139.177	29.7186	6.58344	13.9735	0.168437
0.661045	82.0193	83.6603	121.756	138.955	29.4088	6.58531	13.9735	0.197812
0.662045	81.8828	83.7971	133.635	130.709	28.9849	6.58844	14.0722	0.002813
0.663045	81.8828	83.6603	136.376	127.588	28.4224	6.58469	14.1709	0.011875
0.664045	81.0822	84.0706	140.145	130.982	28.1896	6.54469	14.1215	-0.00375
0.665045	81.7458	83.7971	141.516	138.085	28.7199	6.51969	14.2202	-0.005938
0.666045	81.7458	83.7971	143.943	146.143	29.3354	6.49969	14.5163	-0.007188
0.667045	81.8828	83.7971	145.285	150.65	29.7978	6.51469	14.763	-0.007188
0.668045	81.1989	83.5238	147.798	151.196	30.2729	6.57969	14.3882	-0.008438
0.669045	81.6091	84.0706	151.567	150.65	30.4971	6.56582	14.5656	-0.009063
0.670045	81.8828	84.2074	155.907	152.289	30.5093	6.57344	14.5163	-0.007188
0.671045	81.8828	83.7971	158.42	155.567	30.8884	6.57344	14.763	-0.009888
0.672045	81.8828	83.1133	160.133	159.938	30.7783	6.57489	14.763	-0.009375
0.673045	81.8828	83.6603	161.39	164.309	30.33	6.57187	14.763	-0.010313
0.674045	81.6091	83.7971	162.532	166.357	29.2131	6.57489	14.7139	-0.010313
0.675045	81.6091	84.0706	165.959	166.903	28.5773	6.57781	14.911	-0.008438

0.676049	81.6091	83.1133	166.872	168.22	28.4957	6.58344	14.8617	-0.011583
0.677049	81.7458	83.5236	168.7	168.133	28.887	6.5825	14.8617	-0.010625
0.678049	81.8826	83.6603	170.87	171.001	30.0487	6.58219	15.1577	-0.010938
0.679049	81.6091	83.7971	172.126	172.23	29.637	6.57625	15.1577	-0.010938
0.680049	81.7458	83.5236	173.497	174.415	29.0542	6.55094	15.4045	-0.010625
0.681049	81.8826	83.6603	174.182	176.464	29.6859	6.53094	15.4045	-0.011583
0.682049	81.6091	83.1133	175.781	176.874	29.7349	6.52344	15.3551	-0.009083
0.683049	81.8826	83.5236	177.036	177.893	29.1801	6.59781	15.7499	-0.010313
0.684049	81.8826	83.5236	178.837	179.332	29.2457	6.58989	15.4538	-0.009375
0.685049	81.6091	83.6603	179.436	180.152	28.512	6.59719	15.7005	-0.010625
0.686049	81.7458	83.5236	181.035	180.895	27.9088	6.59594	15.5525	-0.010313
0.687049	81.8826	83.6603	182.52	182.337	27.8843	6.59658	16.5525	-0.009083
0.68805	81.8826	83.5236	183.32	183.43	27.8928	6.60219	15.8979	-0.010625
0.68905	81.7458	83.7971	184.005	184.798	28.5385	6.60469	18.1446	-0.0125
0.69005	82.0193	84.0706	186.081	187.664	29.4373	6.61344	16.046	-0.010938
0.69105	81.6091	84.3442	187.66	188.757	29.8876	6.61084	15.8979	-0.010313
0.69205	82.2928	83.9339	189.83	190.532	29.7349	6.60988	15.9473	-0.010938
0.69305	81.8826	83.5236	191.543	191.488	30.0772	6.60988	16.046	-0.01125
0.69405	81.8826	83.5236	193.628	193.284	30.6397	6.61344	15.9473	-0.011583
0.69505	81.6091	83.6603	195.427	197.088	30.1832	6.58908	16.2433	-0.010938
0.69605	81.6091	83.6603	198.168	197.361	29.8408	6.55888	16.2433	-0.012188
0.69705	82.1561	83.7971	201.823	200.508	29.3273	6.54719	16.4407	-0.009083
0.69805	81.8826	83.5236	203.184	202.006	28.0963	6.61468	15.8486	-0.01376
0.69905	81.8826	83.5236	205.936	205.829	28.6936	6.63094	16.3914	-0.011583
0.70005	81.6091	83.7971	209.247	206.898	29.2946	6.62687	16.7861	-0.010938
0.70105	82.2928	83.6603	211.76	211.429	29.6044	6.62469	16.4901	-0.012813
0.702051	81.6091	82.9785	215.072	215.117	29.6044	6.62844	16.4901	-0.010313
0.703051	81.8826	83.25	218.27	217.302	29.7308	6.63344	16.194	-0.010313
0.704051	81.8826	83.3868	221.697	220.853	30.0809	6.63812	16.5394	-0.010313
0.705051	81.6091	84.0706	224.668	224.404	29.8982	6.63594	16.4901	-0.010313
0.706051	81.6091	83.5236	228.093	227.956	29.4251	6.63344	16.8381	-0.010938
0.707051	81.6091	83.6603	231.976	230.96	29.4068	6.63989	16.4901	-0.013438
0.708051	81.8826	84.0706	235.517	234.375	29.046	6.64531	16.4901	-0.010313
0.709051	81.8826	83.25	239.268	237.928	28.3775	6.63844	16.8381	-0.01125
0.710051	82.2928	84.3442	242.827	241.814	28.2349	6.61094	16.7368	-0.013125
0.711051	82.1561	83.7971	246.482	244.819	28.3001	6.59094	16.7861	-0.010938
0.712051	81.8826	83.6603	249.909	248.989	28.9787	6.57594	16.5887	-0.010938
0.713051	81.8826	83.5236	253.906	253.36	29.474	6.62489	17.0822	-0.011583
0.714051	81.8826	83.7971	258.361	256.092	30.0161	6.65594	16.7368	-0.012813
0.715051	81.6091	83.9339	261.559	259.643	30.1262	6.64694	16.8355	-0.010313
0.716052	82.0193	83.9339	264.871	262.784	30.3707	6.64989	17.1315	-0.010313
0.717052	81.7458	83.7971	267.865	267.291	30.3483	6.64908	17.2302	-0.010938
0.718052	81.8826	83.7971	270.682	268.477	30.1089	6.65082	16.8342	-0.011583
0.719052	81.8826	84.3442	274.351	272.345	29.8082	6.64812	16.8355	-0.011583
0.720052	82.0193	83.25	276.75	273.847	28.7118	6.64812	16.4901	-0.012813
0.721052	81.8826	83.6603	280.405	277.945	27.815	6.64844	17.1315	-0.011583
0.722052	81.8826	83.6603	283.146	281.088	28.7811	6.64844	17.5283	-0.011583
0.723052	81.7458	83.5236	286.344	283.954	29.1805	6.64582	17.1315	-0.010938
0.724052	81.8826	84.3442	289.542	286.686	29.5596	6.64489	17.2786	-0.011583
0.725052	81.8826	83.5236	293.426	290.61	29.8001	6.62988	17.1315	-0.013125
0.726052	81.3356	83.7971	296.187	293.852	30.012	6.60219	17.4278	-0.01125
0.727052	81.8826	83.7971	299.593	295.974	30.0385	6.57489	17.3289	-0.010625

0.728052	82.0193	84.0708	302.677	299.115	29.9509	8.57312	17.3289	-0.010825
0.729052	81.6091	83.25	308.218	303.822	30.0283	8.64281	17.4278	-0.010938
0.730053	81.7458	83.5238	309.53	307.173	29.8327	8.63188	17.5263	-0.012188
0.731053	81.8828	84.0708	313.3	309.369	29.2131	8.63594	17.1315	-0.012813
0.732053	81.7458	84.3442	316.498	313.048	28.9849	8.63219	17.6743	-0.012188
0.733053	82.0193	83.7971	321.181	317.28	28.5202	8.62969	18.0197	-0.011875
0.734053	82.2928	83.7971	323.922	320.988	28.7485	8.62844	17.6743	-0.010938
0.735053	82.0193	83.7971	327.008	324.383	29.4169	8.63858	18.2171	-0.010938
0.736053	81.8828	83.9339	330.889	327.387	30.0202	8.63489	18.0691	-0.010825
0.737053	82.4295	83.7971	334.316	330.802	30.0772	8.63406	18.1184	-0.009375
0.738053	81.7458	83.6603	337.514	334.353	30.2168	8.62719	18.1184	-0.010313
0.739053	81.8828	83.7971	340.712	338.948	30.5419	8.62594	18.0197	-0.01125
0.740053	81.8828	84.3442	344.138	340.226	30.281	8.62489	18.3158	-0.01125
0.741053	81.8828	83.7971	348.537	343.504	29.9878	8.60281	18.2885	-0.010825
0.742053	82.0193	83.7971	348.935	344.187	29.6698	8.59958	17.9704	-0.010938
0.743053	81.8828	83.7971	352.134	349.814	29.1805	8.54969	18.5132	-0.010838
0.744054	81.8828	83.5238	356.245	352.109	28.0718	8.61406	19.0068	-0.010625
0.745054	81.3358	83.7971	358.672	355.68	28.1248	8.62969	18.7108	-0.01375
0.746054	82.0193	83.7971	361.499	358.255	28.7568	8.63094	18.7108	-0.010938
0.747054	81.7458	83.7971	365.154	361.808	28.8137	8.62219	18.8119	-0.012813
0.748054	81.8828	83.6603	367.553	364.285	29.1316	8.62094	19.1053	-0.011583
0.749054	81.8828	83.9339	370.885	368.88	29.474	8.62158	19.058	-0.011583
0.750054	81.6091	82.9785	372.693	369.182	29.4047	8.62844	19.058	-0.012813
0.751054	81.8828	83.9339	375.891	373.552	29.3385	8.62489	19.204	-0.010313
0.752054	81.8828	83.9339	378.175	374.918	29.4189	8.62219	19.4507	-0.010313
0.753054	81.4724	83.6603	379.432	375.484	29.1316	8.61844	18.7599	-0.01375
0.754054	82.0193	83.7971	382.63	379.562	28.7729	8.62489	19.4507	-0.010825
0.755054	81.6091	84.2074	386.942	382.293	28.465	8.62844	19.7468	-0.01125
0.756054	82.1581	84.0708	387.313	384.208	28.0392	8.60594	19.5988	-0.010313
0.757055	81.8828	84.2074	390.511	386.664	28.5854	8.67489	19.6001	-0.011583
0.758055	81.7458	83.7971	392.338	388.849	29.209	8.64908	19.6494	-0.011583
0.759055	81.8828	83.25	394.28	391.581	29.5351	8.58406	19.6481	-0.012188
0.760055	81.7458	83.5238	397.25	393.22	29.6493	8.63594	19.6481	-0.013125
0.761055	81.3358	82.9785	398.849	395.952	30.1017	8.62094	19.8455	-0.010313
0.762055	81.7458	83.9339	401.476	398	30.0772	8.61968	20.0822	-0.009375
0.763055	82.1581	83.7971	403.303	400.049	29.7838	8.61937	19.8455	-0.012813
0.764055	81.3358	83.5238	406.273	401.688	29.6815	8.62344	20.0429	-0.010313
0.765055	81.6091	83.5238	408.958	404.147	29.5025	8.62969	20.2403	-0.012813
0.766055	81.8828	84.3442	408.889	406.195	28.9707	8.62489	20.6844	-0.010313
0.767055	81.6091	83.7971	411.984	407.971	28.2349	8.62219	20.1909	-0.010825
0.768055	82.4295	83.7971	414.04	410.703	27.8479	8.62781	20.5383	-0.010313
0.769055	82.1581	83.9339	415.753	412.888	27.4971	8.62781	20.835	-0.010838
0.770055	81.8828	83.6603	418.38	415.073	27.8825	8.62969	20.5857	-0.011583
0.771056	81.8828	83.7971	420.083	417.122	28.3123	8.61219	20.783	-0.010825
0.772056	81.8828	83.6603	422.149	418.897	28.5446	8.58594	20.635	-0.012188
0.773056	81.3358	83.7971	423.862	421.802	28.8221	8.5875	20.8817	-0.011875
0.774056	81.8828	83.7971	426.375	422.448	28.7485	8.58658	21.1285	-0.011583
0.775056	81.6091	84.0708	428.203	423.406	28.7077	8.63719	21.1285	-0.010938
0.776056	81.8828	83.7971	429.345	428.548	28.5854	8.62594	21.1778	-0.012813
0.777056	81.7458	83.5238	431.829	428.185	28.3653	8.63158	21.7699	-0.011583
0.778056	81.7458	84.481	433.228	430.37	28.0392	8.63594	21.4246	-0.01125
0.779056	81.8828	83.7971	436.17	431.328	27.7009	8.63687	21.6712	-0.010938

0.780058	81.7458	84.481	438.883	433.375	28.3368	6.63406	21.7699	-0.011875
0.781058	81.8828	83.6803	438.025	434.741	28.9278	6.62989	21.8712	-0.011875
0.782058	82.1561	83.7971	438.482	438.517	29.099	6.63312	21.8888	-0.011583
0.783058	82.1561	83.7971	440.852	437.882	29.7022	6.63989	21.918	-0.011875
0.784058	81.8828	83.7971	442.137	440.204	30.0891	6.63989	22.0167	-0.011583
0.785057	81.7458	83.6803	443.85	441.024	29.8001	6.63858	22.3127	-0.010625
0.786057	81.8828	83.5236	446.478	442.39	30.1262	6.63312	22.1847	-0.0075
0.787057	82.1561	83.7971	446.562	444.302	30.1873	6.61158	22.4114	-0.011875
0.788057	81.8828	83.5236	448.99	446.214	29.3884	6.58781	23.2503	-0.010625
0.789057	82.1561	84.0706	450.475	448.389	29.7349	6.56908	22.9542	-0.010625
0.790057	81.8828	83.25	453.102	450.585	28.9686	6.61489	23.1518	-0.011583
0.791057	81.8828	84.0706	454.93	452.224	28.2349	6.64719	23.0529	-0.010313
0.792057	82.0193	83.7971	457.1	453.999	28.1533	6.63989	22.9542	-0.011583
0.793057	81.8828	83.5236	458.014	455.775	28.1248	6.64582	23.3963	-0.010938
0.794057	81.7458	83.5236	460.184	458.097	28.2287	6.63908	23.3963	-0.012188
0.795057	82.0193	83.7971	462.125	459.872	28.9686	6.63844	23.4477	-0.010938
0.796057	81.7458	83.6803	463.839	460.985	29.2457	6.64187	23.497	-0.0125
0.797057	81.7458	83.7971	467.265	462.74	28.8504	6.64844	23.7437	-0.010313
0.798057	81.8828	83.7971	467.722	465.082	28.7077	6.64719	23.8918	-0.011875
0.799058	81.8828	83.9339	470.006	468.838	28.993	6.64344	24.7306	-0.010313
0.800058	81.7458	84.2074	471.377	469.296	28.8017	6.64344	24.3359	-0.010625
0.801058	81.1989	83.7971	473.09	470.528	28.0963	6.65219	24.4346	-0.011583
0.802058	82.2928	83.9339	474.232	471.891	27.9985	6.64531	24.4346	-0.012188
0.803058	81.7458	84.3442	475.717	473.53	28.0086	6.61344	24.7306	-0.010313
0.804058	81.0622	83.7971	478.859	475.169	28.9523	6.58489	24.8283	-0.010938
0.805058	81.7458	84.0706	478.116	478.262	29.5596	6.57719	24.928	-0.012188
0.806058	82.0193	83.9339	479.258	478.038	29.8327	6.65658	25.1254	-0.010625
0.807058	81.8828	83.6803	480.743	478.038	30.1914	6.65094	25.1747	-0.012188
0.808058	81.1989	83.7971	482.342	481.316	30.387	6.65158	25.5201	-0.007813
0.809058	81.7458	83.6803	482.57	481.042	30.6883	6.64844	25.5201	-0.012188
0.810058	81.0622	83.6803	484.055	482.818	30.2036	6.64989	25.9149	-0.014083
0.811058	81.8828	83.6803	485.54	484.32	30.7259	6.64908	25.7175	-0.012813
0.812058	81.8828	83.7971	485.788	485.413	30.171	6.64856	26.8162	-0.011875
0.813059	81.7458	83.25	487.387	488.916	29.5983	6.64219	26.7175	-0.011875
0.814059	81.6091	83.7971	488.281	487.871	28.3327	6.63989	25.9149	-0.010313
0.815059	81.3358	84.0706	488.987	488.281	27.9903	6.64489	25.8655	-0.012188
0.816059	81.8828	83.9339	490.337	489.374	28.4142	6.64844	26.0138	-0.01125
0.817059	81.6091	83.9339	491.479	491.559	29.3273	6.64489	26.4083	-0.013125
0.818059	81.8828	83.3888	492.165	491.559	29.0664	6.62344	26.4083	-0.010938
0.819059	82.1561	83.7971	493.982	492.379	28.9158	6.58312	26.6057	-0.010938
0.820059	81.8828	83.7971	494.106	493.471	29.2131	6.57594	26.6551	-0.011583
0.821059	82.0193	83.7971	495.02	495.384	29.2131	6.60594	27.1979	-0.010313
0.822059	81.7458	84.0706	496.048	495.857	28.9198	6.65375	26.8524	-0.01125
0.823059	81.8828	83.7971	497.419	497.022	28.871	6.63406	27.0496	-0.010313
0.824059	81.6091	83.6803	498.218	498.388	28.1896	6.63989	26.9511	-0.010625
0.825059	82.0193	84.0706	499.36	499.618	27.8354	6.64219	27.0992	-0.011875
0.826059	81.8828	83.7971	501.302	500.574	27.6235	6.64344	27.1979	-0.011583
0.82706	81.8828	84.0706	502.218	501.803	27.974	6.63989	27.3952	-0.009888
0.82806	81.6091	83.6803	503.13	503.578	28.7811	6.63719	27.3852	-0.014083
0.82906	81.8828	83.7971	503.358	503.988	29.2743	6.63844	27.4446	-0.011583
0.83006	81.3358	84.0706	505.185	504.808	29.368	6.64156	27.4939	-0.010313
0.83106	81.8828	84.0706	506.099	506.447	29.8001	6.64437	27.6913	-0.013125

0.83206	82.4295	83.7971	507.898	507.403	30.0446	6.63906	28.1847	-0.010838
0.83306	81.6091	83.3868	508.155	508.359	29.9631	6.62989	27.9874	-0.010313
0.83406	81.8826	83.5236	509.089	509.315	30.1669	6.60781	28.0367	-0.010838
0.83506	82.0193	84.0708	510.888	510.681	29.5382	6.58969	28.1354	-0.010838
0.83606	81.6091	83.7971	511.582	511.637	28.7158	6.58844	28.1847	-0.008063
0.83706	81.8826	84.0708	512.724	513.139	27.7213	6.62469	28.3821	-0.011563
0.83806	81.7458	84.3442	514.094	514.232	27.4115	6.64437	28.3821	-0.011875
0.83906	81.7458	83.9339	515.237	515.598	28.349	6.63989	28.5302	-0.011563
0.84006	81.8826	83.7971	516.493	516.144	28.8055	6.64219	28.5796	-0.01125
0.84106	81.7458	83.8803	517.884	517.783	28.3853	6.63594	28.8758	-0.010313
0.84206	81.1989	83.7971	519.12	518.878	28.8867	6.63188	28.7789	-0.013125
0.84306	81.6091	83.5236	520.719	520.924	29.1988	6.63844	29.073	-0.010838
0.84406	81.6091	83.7971	521.082	521.471	28.9879	6.64156	29.0236	-0.011875
0.84506	81.7458	83.7971	523.803	523.11	28.2512	6.64156	29.2703	-0.01125
0.84606	81.7458	83.5236	525.402	525.158	28.4631	6.63906	29.1223	-0.011875
0.84706	82.0193	84.0708	527.001	528.934	27.5827	6.63719	28.9743	-0.011563
0.84806	81.7458	84.0708	528.486	529.119	27.1262	6.63469	29.2703	-0.010313
0.84906	82.4295	83.7971	530.999	530.895	27.1282	6.62844	29.4184	-0.011875
0.85006	82.0193	84.2074	532.94	533.08	28.8534	6.60219	29.4677	-0.010838
0.85106	82.0193	83.7971	534.654	534.173	27.0202	6.57166	29.7144	-0.011663
0.85206	81.6091	83.5236	538.08	538.631	28.0148	6.57281	29.6651	-0.007188
0.85306	81.6091	83.7971	538.994	538.543	28.8914	6.64969	29.6651	-0.012188
0.85406	81.8826	83.7971	542.078	541.548	28.6282	6.64156	29.9812	-0.010838
0.85506	81.8826	83.7971	544.705	543.48	28.7403	6.64313	30.1685	-0.010838
0.85606	81.6091	83.7971	547.674	546.055	29.388	6.63937	30.0598	-0.010625
0.85706	81.8826	83.7971	549.959	548.924	29.474	6.63889	30.0598	-0.010313
0.85806	81.0822	83.6803	552.472	551.655	28.8707	6.64344	30.1082	-0.012813
0.85906	81.6091	83.5236	555.886	554.387	28.8889	6.64858	29.9812	-0.010838
0.86006	81.6091	83.7971	559.086	557.885	28.0555	6.63989	30.4548	-0.010313
0.86106	81.0822	84.0708	561.381	561.489	27.1262	6.63781	30.3559	-0.012813
0.86206	81.6091	83.9339	565.264	562.309	27.4849	6.64094	30.5038	-0.011875
0.86306	81.7458	83.7971	567.777	568.27	28.188	6.64781	30.7013	-0.009688
0.86406	81.8826	83.9339	571.203	568.885	28.6089	6.64489	30.852	-0.010838
0.86506	81.8826	83.7971	574.173	572.143	28.4957	6.62582	30.7507	-0.012813
0.86606	81.6091	83.7971	577.6	575.967	28.4794	6.59489	30.9481	-0.010838
0.86706	81.6091	83.1133	581.026	578.425	28.8218	6.57408	30.8494	-0.012188
0.86806	81.6091	83.9339	584.681	582.933	28.7566	6.60781	31.0487	-0.012188
0.86906	82.0193	83.9339	588.783	586.62	28.4713	6.65906	31.1454	-0.010625
0.87006	81.6091	83.9339	591.991	589.079	28.3775	6.63844	31.2835	-0.0125
0.87106	81.7458	83.7971	595.874	592.83	28.0514	6.64344	31.1454	-0.011563
0.87206	81.8826	83.7971	599.187	598.864	27.546	6.64375	31.3922	-0.010313
0.87306	81.8826	83.7971	603.413	599.732	27.2403	6.64969	31.7869	-0.010838
0.87406	81.8826	83.9339	608.21	603.83	27.2403	6.64908	31.7378	-0.008438
0.87506	81.8826	83.7971	609.809	608.288	27.6479	6.64531	31.7378	-0.011563
0.87606	81.8826	83.7971	613.484	610.113	28.3327	6.64844	31.8858	-0.012188
0.87706	81.6091	84.0708	617.482	613.391	28.7729	6.65344	32.1323	-0.011563
0.87806	81.7458	84.0708	620.545	618.942	28.8628	6.64844	31.8363	-0.012188
0.87906	81.7458	84.6178	623.744	621.039	29.1357	6.64969	32.231	-0.01125
0.88006	81.6091	83.8803	626.599	623.391	29.315	6.64094	32.4284	-0.011563
0.88106	81.4724	83.9339	629.811	628.388	29.3109	6.62219	32.3297	-0.012813
0.88206	81.8826	83.9339	633.785	629.234	28.9319	6.59969	32.4777	-0.011875
0.88306	81.8826	84.0708	638.193	632.785	28.5854	6.57908	32.6751	-0.011563

0.884064	81.8826	84.0706	639.508	635.853	27.2485	6.83844	32.8232	-0.012188
0.885064	82.1561	84.0706	641.904	638.795	26.9488	6.85219	33.0205	-0.010313
0.886064	81.8826	83.7971	646.13	641.253	27.8438	6.85281	32.9218	-0.010938
0.887064	81.7458	83.7971	647.729	644.531	28.2226	6.85406	33.7114	-0.010313
0.888064	81.7458	83.9339	651.384	648.443	28.3818	6.85094	33.3168	-0.01125
0.889064	82.4285	83.9339	653.889	649.448	28.7077	6.84781	33.2178	-0.010313
0.890064	81.3356	83.7971	655.81	652.18	28.9523	6.85219	33.4153	-0.012813
0.891064	81.7458	83.6803	657.781	655.048	29.0175	6.85281	33.4153	-0.011583
0.892064	81.7458	84.6178	661.436	657.843	28.7882	6.85406	33.7607	-0.010313
0.893064	81.6081	83.9339	663.606	659.828	28.5732	6.85094	33.7114	-0.010825
0.894064	81.4724	84.0706	665.09	663.38	28.8832	6.84844	33.9087	-0.010313
0.895064	81.6091	83.7971	668.289	663.789	28.2875	6.85281	34.2048	-0.01125
0.896065	81.6091	83.7971	670.116	668.858	27.705	6.84094	33.7607	-0.009888
0.897065	81.7458	83.7971	671.829	668.57	27.3687	6.61094	34.0588	-0.012813
0.898065	81.7458	83.5238	674.228	671.438	27.5501	6.58594	34.2048	-0.012188
0.899065	80.9255	84.0706	676.741	674.033	27.9414	6.57889	34.945	-0.011583
0.900065	81.3356	83.7971	678.682	675.126	28.2919	6.85719	34.1061	-0.011875
0.901065	82.2928	83.6803	681.309	678.13	28.8381	6.85489	34.5009	-0.013125
0.902065	82.0183	83.7971	682.68	680.462	29.0083	6.85125	34.8483	-0.011583
0.903065	81.8826	84.0706	684.86	681.682	29.0745	6.84781	34.6882	-0.010938
0.904065	81.7458	84.0706	686.583	683.73	29.0287	6.84887	34.8958	-0.010825
0.905065	81.6081	83.25	688.734	686.872	28.777	6.85406	34.9943	-0.010313
0.906065	81.0622	84.0706	689.99	687.691	28.5681	6.85219	35.0437	-0.010313
0.907065	81.4724	84.0706	692.18	688.784	28.2023	6.84989	35.093	-0.01125
0.908065	82.0183	84.0706	694.216	690.988	27.5746	6.84582	34.8958	-0.012188
0.909065	82.1561	83.7971	695.701	692.472	26.7023	6.84989	35.2904	-0.013125
0.910065	81.7458	83.9339	697.528	695.087	26.8653	6.85438	35.3387	-0.012188
0.911065	81.6091	84.2074	699.242	698.979	27.2888	6.85344	35.4878	-0.01125
0.912065	81.7458	84.0706	701.84	699.164	27.5827	6.83219	35.6851	-0.011875
0.913065	81.6081	83.9339	702.782	700.84	27.8843	6.59889	35.6851	-0.01125
0.914065	81.6091	84.2074	705.295	702.442	28.0382	6.57889	35.7838	-0.011875
0.915065	81.6091	83.7971	708.437	704.354	28.0555	6.58844	35.8825	-0.011583
0.916065	81.6091	83.7971	708.379	708.315	28.0351	6.88156	36.0799	-0.010938
0.917065	81.0622	84.0706	709.884	708.998	27.974	6.84187	35.8825	-0.010938
0.918065	82.1561	84.0706	712.148	711.183	27.8438	6.84719	35.9812	-0.010313
0.919065	81.7458	84.0706	713.29	711.183	27.5827	6.84989	35.8825	-0.012813
0.920066	81.6091	84.0706	714.881	714.325	27.1832	6.84844	36.4747	-0.011583
0.921066	81.8826	83.9339	718.032	718.847	26.7023	6.84719	36.8201	-0.011583
0.922066	81.6091	83.7971	718.945	718.559	27.0891	6.84406	36.4747	-0.010825
0.923066	81.8826	83.7971	718.316	720.744	27.8398	6.84781	36.872	-0.01125
0.924067	81.7458	83.7971	719.915	723.203	28.0229	6.84989	36.8227	-0.012188
0.925067	81.7458	83.6803	721.286	725.115	28.3812	6.84908	36.7707	-0.01125
0.926067	81.7458	83.9339	722.085	727.3	28.5773	6.84408	36.7707	-0.010838
0.927067	81.3356	83.5238	722.428	729.349	28.8282	6.83889	36.8894	-0.011583
0.928067	81.8826	83.9339	723.57	732.783	28.8138	6.83882	37.1161	-0.011583
0.929067	81.1989	84.0706	723.458	733.173	28.5202	6.80219	37.3829	-0.010313
0.930067	81.7458	83.7971	729.57	734.875	28.1941	6.57719	36.7707	-0.014888
0.931067	81.7458	84.481	724.712	738.5	27.9008	6.58887	37.2842	-0.013438
0.932067	81.6081	83.7971	725.189	741.095	27.5827	6.85375	37.4815	-0.010938
0.933067	81.0822	83.7971	724.941	742.051	28.9101	6.83889	37.2842	-0.012813
0.934067	82.0183	83.9339	724.484	745.058	28.2213	6.85094	37.6088	-0.010838
0.935067	81.7458	84.0706	724.484	748.695	28.2947	6.83889	37.4815	-0.011875

0.939067	81.8091	83.9339	725.397	749.973	26.6207	8.83781	37.8583	-0.010313
0.937067	81.8826	84.481	725.74	752.704	26.902	8.83875	37.8583	-0.010625
0.939068	81.8091	83.9339	725.854	754.89	27.2322	8.84489	37.955	-0.011875
0.939068	81.7458	84.2074	726.54	757.075	27.2444	8.84408	38.0043	-0.011875
0.940068	81.8826	84.0706	726.311	758.714	27.3463	8.83937	38.0537	-0.010938
0.941068	82.4295	83.9339	725.989	760.353	27.3014	8.83489	37.8583	-0.012813
0.942068	81.8826	84.0706	726.54	764.314	27.1588	8.84156	38.2511	-0.012813
0.943068	82.0193	84.0706	726.425	766.363	27.0936	8.84437	38.7445	-0.010625
0.944068	81.8091	84.0706	726.139	769.841	26.8001	8.82594	38.6458	-0.010938
0.945068	81.8091	83.9339	726.024	771.279	26.2294	8.59219	38.6952	-0.010938
0.946068	81.8091	83.3888	726.824	773.055	26.58	8.56938	38.5471	-0.011583
0.947068	81.8091	83.7971	726.139	774.987	27.224	8.59719	38.9419	-0.010625
0.948068	81.8091	84.481	729.052	777.426	27.2403	8.85489	38.6432	-0.013438
0.949068	81.8091	83.9339	729.509	779.474	27.9028	8.83906	39.4353	-0.010313
0.950068	81.8091	83.9339	729.281	782.206	28.5732	8.83781	39.0406	-0.010938
0.951068	81.8091	83.9339	728.481	782.206	27.9251	8.83344	39.1886	-0.010938
0.952068	81.7458	83.3888	727.588	783.845	28.1615	8.83489	39.0406	-0.014063
0.953068	81.3356	84.0706	726.788	786.03	28.9523	8.84489	39.3388	-0.01125
0.954068	81.7458	84.2074	726.788	788.352	27.9332	8.83989	39.9288	-0.010313
0.955068	81.8826	83.9339	726.788	790.674	28.0555	8.83989	39.388	-0.012188
0.956068	81.7458	84.0706	725.826	792.177	27.9658	8.83937	39.3388	-0.012813
0.957068	81.8091	83.3888	725.387	794.772	27.1588	8.84219	39.3388	-0.012188
0.958068	81.8091	83.5236	724.826	796.684	26.7838	8.84219	39.4353	-0.011875
0.959068	81.8826	84.0706	724.027	797.503	26.1988	8.83719	39.534	-0.010625
0.960068	81.8826	84.3442	724.37	800.508	26.2947	8.82084	39.6327	-0.011875
0.961068	81.7458	83.9339	723.57	801.874	26.8082	8.59489	39.5834	-0.011875
0.962068	81.8826	84.0706	723.458	803.788	26.7512	8.57906	39.8288	-0.010313
0.963068	81.3356	83.9339	723.913	804.058	27.1221	8.57781	39.238	-0.012188
0.964068	81.3356	84.0706	724.37	807.337	27.2851	8.84858	39.4353	-0.012813
0.965068	81.8826	83.6803	725.397	808.978	27.1588	8.83594	39.8301	-0.010938
0.96607	81.8826	83.7971	725.189	811.181	26.8123	8.84408	39.8301	-0.012813
0.96707	82.1581	83.9339	725.397	813.074	27.224	8.84989	39.8301	-0.011875
0.96807	81.7458	84.2074	725.74	814.713	26.474	8.83989	39.8821	-0.012813
0.96907	81.8826	83.6803	726.311	816.352	26.1398	8.83989	39.8301	-0.011583
0.97007	81.4724	84.0706	726.311	818.284	26.2702	8.83989	39.8301	-0.011583
0.97107	81.8091	84.0706	726.083	820.178	26.0583	8.84908	40.0275	-0.010313
0.97207	81.8091	83.7971	724.484	821.132	26.9794	8.84594	39.9288	-0.01125
0.97307	81.8091	83.9339	723.342	822.634	27.4441	8.84344	39.7808	-0.011583
0.97407	82.0193	84.0706	721.4	822.381	27.6848	8.83594	39.4847	-0.01375
0.97507	81.8826	84.0706	721.828	825.912	27.8354	8.84489	40.0275	-0.012813
0.97607	81.8826	84.0706	720.143	827.961	28.9938	8.84489	40.8198	-0.011875
0.97707	81.8826	84.0706	718.887	829.737	28.3327	8.81908	40.1262	-0.011583
0.97807	81.3356	83.6803	716.28	831.922	28.1615	8.58969	40.3729	-0.010938
0.97907	81.3356	84.0706	714.433	833.151	28.5854	8.58969	40.1755	-0.010313
0.980071	81.8091	83.9339	714.09	834.854	28.1615	8.82906	40.0768	-0.012188
0.981071	82.0193	84.3442	712.805	836.293	27.7539	8.85312	40.2742	-0.012188
0.982071	81.4724	83.9339	711.008	837.658	27.3137	8.84408	40.2742	-0.010313
0.983071	81.3356	84.0706	710.549	840.8	25.724	8.84781	40.2249	-0.011583
0.984071	81.8091	83.7971	708.607	841.21	26.1479	8.84489	40.2249	-0.010938
0.985071	81.8822	84.0706	708.483	843.122	26.4332	8.85094	40.2249	-0.010313
0.986071	82.1581	84.0706	705.295	843.888	26.9061	8.85094	40.2249	-0.010938
0.987071	81.7458	84.0706	704.486	845.58	26.7756	8.84687	40.689	-0.011583

0.988071	81.7458	84.0706	703.126	847.482	26.6371	6.64375	40.1282	-0.011563
0.988071	81.7458	84.0706	701.526	849.404	27.2811	6.65094	40.5703	-0.01125
0.988071	81.8828	83.9339	699.358	851.317	27.008	6.65489	40.3235	-0.010938
0.991071	81.3356	83.25	697.071	852.409	26.3517	6.65344	40.4716	-0.010938
0.982071	81.6091	83.9339	694.901	853.502	26.6452	6.64937	40.4716	-0.011563
0.983072	81.4724	84.2074	692.388	854.321	26.4903	6.63937	40.6209	-0.013438
0.984072	81.7458	84.0706	690.675	856.37	25.6284	6.61488	40.2742	-0.012188
0.985072	81.6091	83.9339	687.82	856.097	25.4858	6.59488	40.7183	-0.012188
0.986072	81.7458	83.9339	686.906	859.238	25.4061	6.58656	40.3235	-0.010938
0.987072	81.6091	83.9339	683.708	860.194	25.8137	6.65488	40.6196	-0.01375
0.988072	81.7458	83.25	682.68	861.697	26.8004	6.64781	41.0637	-0.0125
0.989072	81.3356	84.0706	681.081	863.063	26.9754	6.65406	40.7678	-0.010938
1.00007	81.7458	84.2074	680.187	865.248	26.7838	6.65594	41.0144	-0.010938
1.00107	81.6091	83.9339	679.71	866.204	27.493	6.64989	41.0144	-0.010625
1.00207	81.7458	84.0706	678.797	867.88	27.5012	6.64989	40.7183	-0.010938
1.00307	82.1561	84.3442	677.854	868.526	27.493	6.6625	40.7183	-0.011875
1.00407	81.4724	84.0706	676.225	870.438	27.7947	6.66656	40.8683	-0.011563
1.00507	81.7458	84.2074	676.399	871.687	27.2525	6.66344	40.817	-0.011563
1.00607	81.7458	84.0706	675.142	872.077	27.3993	6.64989	41.0144	-0.010938
1.00707	81.6091	83.7971	675.027	872.35	26.8178	6.65094	40.817	-0.008375
1.00807	81.6091	84.6178	673.657	873.58	25.2718	6.65406	40.7678	-0.011875
1.00907	81.6091	83.9339	672.857	874.399	25.9688	6.65844	41.5078	-0.012188
1.01007	81.7458	84.3442	672.172	876.175	25.9849	6.63531	41.1131	-0.01125
1.01107	81.7458	84.2074	670.801	876.175	26.1887	6.60344	41.0144	-0.012813
1.01207	81.8828	84.0706	669.317	876.994	26.5188	6.58375	40.817	-0.012813
1.01307	81.8828	84.0706	669.202	877.814	26.1316	6.61488	41.0144	-0.013125
1.01407	81.7458	83.9339	667.375	878.087	26.8534	6.67084	41.0144	-0.010938
1.01507	81.4724	84.2074	668.174	878.223	26.4414	6.64281	40.9157	-0.010938
1.01607	81.8828	83.9339	666.918	879.179	25.9688	6.64084	41.1131	-0.010625
1.01707	81.7458	83.7971	666.461	879.318	26.2661	6.64219	41.0144	-0.010938
1.01807	81.7458	84.0706	667.832	879.999	25.8748	6.6475	41.0144	-0.010313
1.01907	82.1561	84.0706	665.89	880.545	25.4061	6.65031	41.1131	-0.011875
1.02007	81.7458	84.0706	666.233	880.409	25.2834	6.64719	41.5078	-0.010313
1.02107	81.8828	84.2074	666.461	881.774	24.542	6.64719	41.0144	-0.010313
1.02207	81.8828	83.9339	666.004	882.594	24.436	6.65594	40.7678	-0.011563
1.02307	81.3356	84.0706	666.481	883.004	25.243	6.65344	40.9157	-0.012188
1.02407	81.6091	84.3442	666.918	884.096	25.5528	6.65094	40.9157	-0.01125
1.02507	81.8828	84.0706	667.489	884.37	25.8871	6.64719	40.9157	-0.011563
1.02607	81.3356	84.0706	668.174	884.918	26.6697	6.64437	40.965	-0.011875
1.02707	81.6091	84.0706	668.745	886.008	26.474	6.62562	41.0144	-0.010938
1.02807	81.7458	84.0706	669.202	885.599	26.4903	6.60281	40.965	-0.012188
1.02907	81.6091	84.2074	670.673	886.828	26.7186	6.57406	40.9157	-0.010313
1.03007	81.6091	84.0706	670.459	888.194	27.1832	6.61781	40.8683	-0.014888
1.03107	81.6091	83.9339	672.971	889.56	26.6615	6.65937	41.3104	-0.012813
1.03207	81.6091	84.6178	672.857	889.833	25.9278	6.66219	41.2117	-0.011663
1.03307	81.6091	84.0706	674.114	890.925	25.2104	6.65489	41.0144	-0.010625
1.03407	81.1989	84.0706	675.027	892.018	25.0881	6.64594	41.2117	-0.011563
1.03507	81.6091	83.5238	676.512	892.564	25.3205	6.64281	41.1624	-0.010625
1.03607	81.4724	84.2074	678.111	893.93	25.6262	6.64719	41.1131	-0.01125
1.03707	81.6091	84.0706	679.71	895.842	26.0419	6.65344	41.2811	-0.010313
1.03807	81.6091	84.0706	682.452	898.028	26.0827	6.65219	41.3598	-0.011563
1.03907	81.6091	84.0706	683.365	897.345	26.1153	6.64906	41.2811	-0.009688

1.04007	81.8826	83.9339	685.764	898.984	26.3599	6.84969	41.4091	-0.00675
1.04107	81.8826	84.0708	687.02	900.759	26.3599	6.84969	41.5078	-0.010938
1.04208	81.8091	83.9339	688.848	901.169	25.9441	6.85408	41.2117	-0.012813
1.04308	81.7458	84.2074	691.817	903.491	25.9197	6.85188	41.1131	-0.011563
1.04408	81.3356	84.0706	693.988	904.993	25.9441	6.83219	41.5078	-0.012188
1.04508	81.7458	84.0706	696.5	906.088	25.5161	6.80344	41.0637	-0.012813
1.04608	81.8091	84.3442	698.214	907.042	25.0678	6.8219	41.3598	-0.012813
1.04708	81.7458	84.3442	700.728	908.271	24.9822	6.80908	41.8065	-0.011563
1.04808	81.7458	84.0706	703.353	910.457	24.6479	6.86156	41.6559	-0.012813
1.04908	81.8091	83.9339	705.838	912.779	24.9414	6.84781	41.4585	-0.011563
1.05008	81.8091	84.0706	707.485	912.915	25.7729	6.85438	41.8065	-0.01125
1.05108	81.8091	83.9339	711.008	914.827	25.94	6.85844	41.7052	-0.008438
1.05208	81.7458	84.0708	711.92	916.803	26.2131	6.85344	41.6559	-0.012188
1.05308	81.8091	84.0708	714.861	917.149	26.4885	6.84937	41.9028	-0.011875
1.05408	81.3356	84.2074	716.032	919.608	26.5474	6.84988	42.1	-0.010938
1.05508	80.7888	84.0708	718.773	920.154	26.6207	6.85489	41.7052	-0.011563
1.05608	81.1889	83.7971	720.829	922.749	26.6534	6.86094	41.8039	-0.01125
1.05708	81.7458	83.5236	723.456	924.252	26.3273	6.85856	41.8532	-0.011563
1.05808	81.7458	84.0708	725.397	926.437	26.9034	6.85166	42.1	-0.011563
1.05908	81.4724	83.7971	727.225	927.393	24.9781	6.85344	42.1	-0.011563
1.06008	81.8091	83.7971	729.261	929.988	24.5175	6.86094	41.8039	-0.011563
1.06108	81.7458	84.2074	730.651	929.715	25.0026	6.84719	41.9519	-0.010938
1.06208	81.8091	84.8178	733.05	931.217	25.4468	6.81094	42.1886	-0.008375
1.06308	81.8826	84.0708	735.334	932.31	25.7848	6.85594	42.1	-0.011563
1.06408	81.4724	83.7971	736.819	933.538	26.9441	6.89989	42.7908	-0.010825
1.06508	81.8091	84.0708	738.647	935.178	26.1398	6.87156	42.2973	-0.011875
1.06608	81.8826	83.9339	741.16	938.183	26.1928	6.85875	42.5934	-0.010938
1.06708	81.8091	84.0708	742.302	938.046	26.2213	6.85761	42.5441	-0.012188
1.06808	81.4724	83.9339	744.472	939.002	26.2743	6.85594	42.1986	-0.011875
1.06908	81.8091	83.9339	745.271	939.858	26.0601	6.85844	42.5934	-0.011563
1.07008	81.3356	84.3442	747.213	940.641	25.8628	6.85844	42.2973	-0.011563
1.07108	81.0622	84.0706	748.489	942.89	25.7566	6.85856	42.8921	-0.011563
1.07208	81.8826	84.3442	750.297	943.846	25.4305	6.85344	42.8921	-0.010313
1.07308	81.8826	84.0708	752.581	945.012	24.9699	6.85489	42.7908	-0.007188
1.07408	82.2028	84.2074	753.287	946.105	24.6846	6.86156	42.9882	-0.012188
1.07508	81.4724	83.5236	755.094	947.197	25.1493	6.85989	42.8895	-0.011563
1.07608	81.7458	84.3442	757.16	947.807	25.5284	6.85489	42.9882	-0.011563
1.07708	81.8826	84.3442	758.749	948.838	25.8218	6.85219	42.8895	-0.012188
1.07808	82.1561	84.0706	760.805	950.475	26.0748	6.85158	42.8895	-0.012188
1.07908	81.8091	84.2074	762.861	951.588	26.2784	6.82875	42.7414	-0.011875
1.08008	81.4724	83.25	764.803	952.114	26.3273	6.80219	42.7414	-0.012813
1.08108	81.8091	84.2074	767.315	954.3	26.2784	6.88219	42.8895	-0.011563
1.08208	81.0622	84.0706	768.572	954.709	26.1988	6.84281	42.9882	-0.010825
1.08308	81.3356	83.5236	770.858	954.573	25.9849	6.85582	42.8895	-0.01375
1.08408	81.0622	84.3442	772.455	955.392	25.5938	6.85489	43.0868	-0.010313
1.08508	81.3356	83.9339	774.168	957.031	25.3246	6.85825	42.9882	-0.012188
1.08608	81.3356	84.0708	776.224	958.67	24.8561	6.84989	43.7283	-0.012188
1.08708	81.1889	84.3442	777.838	959.217	24.0121	6.85094	43.0868	-0.011563
1.08808	81.8826	84.0708	779.851	960.038	24.3826	6.85438	43.0868	-0.010938
1.08908	81.7458	84.0708	780.222	961.402	24.7254	6.85719	43.2842	-0.010825
1.09008	81.7458	84.3442	782.735	962.221	24.8843	6.85094	43.1855	-0.010938
1.09108	81.7458	84.0708	783.877	963.587	25.1004	6.84989	43.4816	-0.01125

1.09208	82.1581	84.3442	784.781	963.88	25.2186	6.64812	43.3829	-0.011563
1.09308	81.6091	84.0708	786.047	966.319	25.2797	6.65594	43.4818	-0.010938
1.09408	81.3356	84.0708	786.732	966.182	25.2023	6.65406	43.6296	-0.01125
1.09508	81.3356	83.9339	787.075	967.548	25.2756	6.64719	43.631	-0.012188
1.09608	81.6091	84.0708	788.245	968.231	25.1208	6.62594	43.631	-0.012813
1.09708	81.8826	84.3442	788.358	968.777	24.9414	6.60219	43.679	-0.012813
1.09808	81.6091	84.2074	791.844	971.099	24.7947	6.58844	43.6784	-0.011875
1.09908	81.3356	84.3442	791.844	971.782	24.4034	6.61094	43.7777	-0.01125
1.10008	80.7888	84.2074	793.014	973.421	23.9305	6.66219	44.0244	-0.010313
1.10108	81.6091	84.3442	794.613	973.967	24.2811	6.64406	43.8764	-0.012188
1.10208	81.7458	84.0708	794.842	975.806	24.6887	6.65719	43.6296	-0.012188
1.10308	81.7458	84.6178	795.758	975.339	24.921	6.65719	43.8764	-0.012813
1.10408	81.6091	84.6178	796.213	975.806	25.2676	6.65531	43.8764	-0.011563
1.10508	81.6091	84.3442	797.583	978.972	25.3978	6.64719	43.7777	-0.010626
1.10608	81.4724	83.9339	798.954	977.782	25.5161	6.65156	44.0737	-0.009375
1.10708	81.3356	83.6603	798.725	978.884	25.5773	6.65406	43.6296	-0.0125
1.10808	81.6091	84.6178	799.411	980.25	25.5202	6.65781	43.8764	-0.012813
1.10908	81.7458	84.6178	800.21	981.349	25.3979	6.65219	44.0737	-0.011875
1.11008	81.3356	84.3442	800.324	982.572	25.292	6.65156	43.679	-0.012188
1.11108	81.6091	84.2074	800.324	982.438	24.9333	6.65344	43.7777	-0.014083
1.11208	81.6091	83.9339	800.324	983.256	24.5012	6.65584	43.8764	-0.011875
1.11308	81.1989	84.0708	800.324	984.348	24.1996	6.65188	43.9257	-0.011563
1.11408	82.1581	84.2074	801.124	985.65	23.6897	6.62187	43.9751	-0.01125
1.11508	81.6091	83.7971	801.352	987.079	23.1806	6.59781	43.9751	-0.009688
1.11608	81.3356	84.0708	802.152	988.806	23.4007	6.57687	43.9751	-0.011563
1.11708	81.7458	84.2074	802.951	987.626	23.6371	6.62969	43.8764	-0.010938
1.11808	81.4724	83.6603	803.18	987.079	23.7757	6.65969	43.9257	-0.010938
1.11908	81.3356	84.0708	803.751	988.948	24.1017	6.64469	43.9751	-0.014688
1.12008	81.3356	83.7971	804.436	988.536	24.2322	6.65219	44.5672	-0.010825
1.12108	82.1581	84.2074	804.893	991.04	24.2077	6.65658	44.2711	-0.012188
1.12208	81.6091	84.2074	805.35	991.723	24.2363	6.66094	44.0737	-0.009688
1.12308	81.8826	84.0708	805.807	992.543	24.2363	6.65062	44.3205	-0.009688
1.12408	81.3356	84.0708	805.807	993.382	24.1058	6.64937	44.2711	-0.01125
1.12508	81.6091	84.2074	806.378	993.499	23.8979	6.64812	44.1724	-0.01125
1.12608	81.6091	84.6178	806.606	994.455	23.6126	6.65406	44.1724	-0.012188
1.12708	81.4724	84.0708	806.606	994.728	23.2702	6.65469	44.3698	-0.01125
1.12808	80.7888	84.3442	807.62	995.001	23.4373	6.64906	44.0244	-0.009063
1.12908	81.3356	84.3442	807.292	996.777	23.7267	6.64812	43.9751	-0.013125
1.13008	81.3356	84.0708	807.063	997.46	24.1751	6.65094	44.3205	-0.011875
1.13108	81.8826	84.481	807.292	998.625	24.5338	6.65094	44.4685	-0.013125
1.13208	81.7458	84.2074	807.863	999.099	24.7213	6.62937	44.2218	-0.011563
1.13308	81.7458	83.9339	807.634	999.645	24.668	6.59969	44.3698	-0.01125
1.13408	81.3356	84.3442	807.406	999.781	25.0086	6.57875	44.2711	-0.010313
1.13508	81.6091	84.0708	808.548	1000.74	25.1045	6.64094	44.1724	-0.010313
1.13608	81.6091	84.2074	808.776	1002.1	24.9068	6.66281	44.1724	-0.010938
1.13708	81.0622	84.0708	808.548	1003.33	24.9333	6.65219	44.5672	-0.008436
1.13808	81.1989	84.3442	809.233	1003.88	24.8599	6.65188	44.1724	-0.010825
1.13908	81.3356	84.3442	809.233	1003.74	24.4806	6.65219	44.2711	-0.011563
1.14008	81.6091	83.7971	808.32	1003.47	24.3362	6.65344	43.679	-0.012813
1.14108	81.6091	84.3442	807.634	1004.29	23.8449	6.65666	43.8764	-0.013125
1.14208	81.8826	84.3442	807.634	1005.65	23.2639	6.65062	44.3698	-0.011875
1.14308	81.0622	83.9339	808.721	1006.2	23.3762	6.64869	43.9751	-0.011563

1.14408	81.8091	84.0706	808.149	1007.16	23.0787	6.65062	44.1231	-0.011875
1.14508	81.4724	83.9339	805.35	1008.11	23.1479	6.65656	43.9761	-0.01125
1.14608	81.8091	84.0706	803.751	1008.93	23.7267	6.65687	44.0737	-0.011563
1.14708	81.8828	84.0706	802.837	1009.21	23.8979	6.6525	44.3205	-0.011563
1.14808	82.0193	84.0706	802.152	1009.21	23.6697	6.65156	44.0737	-0.012813
1.14908	81.8091	83.25	802.152	1010.16	23.8534	6.65219	44.2711	-0.012188
1.15008	81.8091	83.9339	801.487	1010.57	23.9469	6.63969	44.3205	-0.010313
1.15108	81.0622	84.3442	801.695	1011.39	23.798	6.60658	44.2711	-0.011583
1.15208	81.4724	84.0706	801.01	1012.48	23.474	6.58344	44.3205	-0.011875
1.15308	81.7458	84.3442	801.695	1013.03	23.421	6.62719	44.9619	-0.010938
1.15408	81.8091	84.3442	802.038	1013.58	23.0501	6.66969	44.7846	-0.010938
1.15508	81.4724	84.2074	802.837	1014.4	22.883	6.68094	44.7152	-0.010313
1.15608	81.3358	84.2074	803.284	1013.71	22.7729	6.65719	44.6659	-0.012188
1.15708	81.7458	84.6178	803.885	1014.94	23.1153	6.65582	44.6165	-0.012813
1.15808	81.4724	83.5238	803.979	1015.9	23.7594	6.65719	44.9619	-0.011875
1.15908	81.3358	84.2074	803.979	1017.4	23.955	6.66219	45.1593	-0.010313
1.16008	81.8091	84.481	804.55	1017.13	24.0528	6.65869	44.9126	-0.010625
1.16108	81.4724	84.3442	803.751	1018.22	24.6887	6.65489	44.8139	-0.011875
1.16208	81.8091	84.481	803.979	1017.81	24.6278	6.65125	44.4192	-0.012188
1.16308	81.8828	84.2074	803.522	1018.63	24.7539	6.65906	44.7846	-0.0125
1.16408	81.4724	84.3442	803.522	1019.86	24.8968	6.66344	45.11	-0.012813
1.16508	81.3358	84.0706	802.723	1021.09	24.7784	6.66094	44.8139	-0.011563
1.16608	81.7458	84.8913	801.695	1021.91	24.7784	6.65837	45.3074	-0.010938
1.16708	80.9255	84.2074	800.781	1022.59	24.6908	6.65489	45.3074	-0.011563
1.16808	81.8091	84.6178	799.411	1023.41	24.5583	6.64969	45.1593	-0.010938
1.16908	81.8828	84.3442	798.268	1023.88	23.8001	6.62219	45.6034	-0.010313
1.17008	82.2928	84.3442	796.669	1024.78	22.6914	6.59825	45.3567	-0.011563
1.17108	81.7458	84.0706	795.07	1024.37	22.8871	6.59469	45.3074	-0.009083
1.17208	81.8091	84.6178	793.928	1025.05	23.1765	6.66937	45.7515	-0.011563
1.17308	81.7458	84.2074	792.9	1025.73	22.8382	6.65594	45.3567	-0.014063
1.17408	81.8091	84.3442	791.187	1027.23	23.5392	6.66281	45.8008	-0.011875
1.17508	81.3358	83.5238	791.187	1028.6	23.8164	6.65812	46.4916	-0.010313
1.17608	81.7458	84.3442	790.273	1029.15	23.1724	6.65719	45.9488	-0.011583
1.17708	81.8091	84.0706	788.246	1028.83	23.5352	6.66344	46.2449	-0.010938
1.17808	81.8828	84.0706	788.217	1030.79	23.5678	6.65969	46.0475	-0.011583
1.17908	81.7458	84.3442	787.304	1030.65	23.474	6.65844	46.2943	-0.011563
1.18008	81.7458	83.9339	787.075	1031.88	23.8004	6.65219	46.837	-0.010938
1.18108	81.4724	84.0706	785.133	1032.42	22.6914	6.65531	46.4916	-0.006688
1.18208	82.1561	84.3442	784.334	1033.38	22.8181	6.65844	46.4423	-0.011875
1.18308	81.3358	84.0706	783.534	1034.88	22.8789	6.66344	46.6397	-0.010625
1.18408	81.4724	84.0706	781.136	1033.93	21.9496	6.65531	46.4423	-0.012813
1.18508	81.7458	85.0281	779.994	1035.98	21.8884	6.65344	46.7384	-0.0125
1.18608	81.8828	84.3442	777.823	1036.11	22.6282	6.65281	47.1331	-0.010625
1.18708	81.8828	84.481	776.11	1036.25	22.9727	6.63062	46.9357	-0.010938
1.18808	81.3358	83.5238	773.826	1037.61	22.8748	6.60719	47.1825	-0.01125
1.18908	81.3358	85.0281	771.541	1038.16	23.5392	6.58158	47.0344	-0.0125
1.19008	81.8091	84.6178	769.257	1038.25	23.792	6.64406	47.0344	-0.011583
1.19108	81.7458	84.2074	767.886	1040.07	23.849	6.65969	47.5772	-0.010938
1.19208	81.3358	84.2074	765.945	1040.35	23.6289	6.65837	47.2811	-0.010625
1.19308	81.8091	84.6178	764.117	1041.58	24.0284	6.65781	47.4785	-0.010938
1.19408	81.8828	84.3442	761.604	1041.44	23.9142	6.64969	47.4785	-0.010625
1.19508	81.8091	84.2074	759.777	1041.17	23.6697	6.64937	47.0344	-0.014888

1.19608	81.4724	84.481	758.282	1043.35	23.849	6.65094	47.8759	-0.0125
1.19708	81.4724	83.9339	757.807	1045.26	23.3028	6.65781	48.3174	-0.010838
1.19808	81.8828	84.2074	758.485	1048.63	22.2838	6.65489	47.972	-0.012813
1.19908	81.7458	84.2074	755.437	1047.45	22.3939	6.65344	48.0213	-0.012813
1.20008	81.8091	83.6803	753.495	1047.18	21.9047	6.65082	47.9228	-0.010826
1.20108	81.8828	84.3442	752.695	1048.27	22.5202	6.65531	48.268	-0.012188
1.20208	81.4724	84.3442	751.896	1049.38	22.7648	6.65844	48.4181	-0.011583
1.20308	81.8091	84.0706	749.487	1050.73	22.6873	6.65094	48.6628	-0.010313
1.20408	81.8091	83.5236	747.566	1052.09	22.7159	6.65489	48.5148	-0.010313
1.20508	81.4724	84.0706	746.957	1051.55	22.7403	6.64989	48.5148	-0.011583
1.20608	81.8091	84.2074	743.901	1052.37	22.7974	6.62594	48.3867	-0.009888
1.20708	81.8091	83.9339	740.588	1053.59	22.9197	6.59989	48.8108	-0.013125
1.20808	81.8091	84.3442	738.875	1054.55	22.6099	6.58375	49.4523	-0.010826
1.20908	81.3356	84.2074	738.362	1056.33	22.6751	6.65812	48.9095	-0.010938
1.21008	81.8828	84.3442	734.308	1058.19	22.3853	6.65844	49.403	-0.011875
1.21108	81.4724	84.3442	731.794	1058.48	21.9903	6.66408	49.403	-0.012813
1.21208	81.8091	84.3442	729.988	1057.28	22.0086	6.65719	49.403	-0.011583
1.21308	80.7888	84.3442	727.91	1057.58	21.5746	6.65344	49.3043	-0.012188
1.21408	81.8091	84.481	726.788	1058.92	21.1914	6.65281	49.6003	-0.011583
1.21508	81.3356	84.0706	725.055	1059.6	21.114	6.65856	49.3043	-0.011583
1.21608	81.8091	84.3442	724.027	1059.74	21.0284	6.65844	49.4523	-0.010313
1.21708	81.4724	83.7971	723.913	1060.83	21.9985	6.65438	49.403	-0.010838
1.21808	81.7458	84.3442	722.199	1061.24	22.0878	6.65312	49.6497	-0.012188
1.21908	81.8091	84.0706	721.288	1061.38	22.4143	6.65156	50.0444	-0.011583
1.22008	81.7458	84.2074	721.742	1062.75	22.8748	6.65989	49.899	-0.010313
1.22108	81.8828	84.6178	721.514	1063.02	22.5732	6.65989	49.9951	-0.011583
1.22208	81.8091	83.5236	722.199	1064.93	22.8219	6.65438	50.0938	-0.010838
1.22308	81.3356	84.3442	721.4	1064.93	23.1153	6.65408	50.2418	-0.010313
1.22408	81.3356	84.3442	722.542	1065.2	22.9058	6.64187	50.3899	-0.011875
1.22508	81.3356	84.0706	722.656	1065.75	22.9523	6.61875	50.4392	-0.010313
1.22608	81.3356	84.3442	722.656	1067.39	22.8871	6.59219	50.3899	-0.011583
1.22708	81.8091	84.481	722.656	1068.3	22.3653	6.59408	50.6386	-0.011583
1.22808	81.0622	84.0706	723.57	1067.94	21.7295	6.66562	50.7353	-0.010313
1.22908	81.3356	84.0706	721.742	1067.38	21.3382	6.65312	51.0313	-0.013125
1.23008	81.0622	84.3442	722.885	1067.8	21.4034	6.66156	51.0807	-0.011875
1.23108	81.3356	84.0706	722.542	1069.17	21.9088	6.65489	51.2287	-0.011583
1.23208	81.8091	84.3442	723.57	1069.44	22.3248	6.65489	51.3274	-0.010313
1.23308	81.8828	84.3442	724.255	1070.12	22.1208	6.65719	51.0807	-0.01125
1.23408	81.8091	84.3442	724.484	1070.94	22.1493	6.65837	51.3788	-0.011583
1.23508	81.3356	84.3442	724.255	1071.76	22.5854	6.65844	51.2287	-0.011583
1.23608	81.3356	84.0706	724.484	1072.03	22.3778	6.65719	51.1794	-0.011583
1.23708	81.8091	84.0706	726.311	1073.4	22.0983	6.65489	51.8235	-0.010313
1.23808	81.8091	84.3442	727.225	1073.54	22.3205	6.65489	51.4754	-0.011583
1.23908	81.8091	84.0706	729.062	1075.99	22.5243	6.65989	51.6728	-0.009083
1.24008	81.7458	84.0706	729.052	1076.13	22.08	6.65844	51.13	-0.012188
1.24108	81.7458	84.2074	730.537	1077.08	21.9047	6.65719	52.0678	-0.010825
1.24208	81.8091	84.2074	731.337	1077.77	21.542	6.65556	51.6728	-0.010825
1.24308	81.4724	84.0706	731.908	1078.32	21.436	6.64844	51.9889	-0.010313
1.24408	81.8828	84.3442	733.164	1078.59	21.1914	6.62219	51.6728	-0.010313
1.24508	81.8091	84.2074	734.982	1080.77	21.0385	6.59437	52.0182	-0.010838
1.24608	81.8828	84.0706	736.248	1081.05	20.9061	6.59082	51.6728	-0.012188
1.24708	81.8091	84.3442	738.19	1081.87	21.33	6.65344	51.9889	-0.011875

1.24809	81.3356	84.0708	740.017	1083.23	21.7908	6.85989	52.0182	-0.012188
1.24909	82.0193	84.3442	741.16	1083.78	21.811	6.86562	51.9889	-0.011563
1.25009	81.7458	84.481	744.129	1084.33	22.1289	6.86989	51.9889	-0.008438
1.25109	81.8091	84.3442	744.015	1085.58	22.3853	6.85856	52.1189	-0.012188
1.25209	81.8091	84.0708	746.185	1086.37	22.3409	6.85781	52.561	-0.010938
1.25309	81.3356	84.6178	748.013	1087.33	22.4143	6.86344	52.3636	-0.012813
1.25409	82.1561	84.481	750.088	1088.56	22.4489	6.85989	52.2158	-0.011563
1.25509	81.8091	83.9339	751.898	1089.79	22.3853	6.85989	52.2156	-0.010938
1.25609	81.4724	83.7971	753.952	1090.81	22.2594	6.85875	52.3636	-0.01125
1.25709	81.4724	84.0708	755.885	1092.11	22.0719	6.85908	52.413	-0.01125
1.25809	81.8091	84.481	757.378	1093.2	21.6072	6.86489	52.413	-0.011563
1.25909	81.8091	84.0708	758.891	1095.8	20.6658	6.86158	52.4823	-0.011563
1.26009	81.7458	84.3442	761.262	1094.02	20.6819	6.86094	52.5117	-0.011563
1.26109	81.4724	83.7971	763.089	1095.8	21.0365	6.85989	52.8597	-0.011563
1.26209	81.4724	84.2074	764.917	1096.35	21.1833	6.86375	52.8597	-0.013438
1.26309	81.3356	84.0708	766.516	1097.98	21.4849	6.84187	53.2519	-0.012813
1.26409	81.7458	84.0708	768.115	1099.49	21.6643	6.81219	53.0545	-0.011563
1.26509	81.3356	84.3442	769.942	1100.17	21.7947	6.59489	52.8104	-0.01125
1.26609	81.8091	84.3442	771.898	1100.85	21.8395	6.82937	52.7584	-0.011563
1.26709	81.8091	84.0708	774.283	1102.22	21.974	6.88344	52.8571	-0.011563
1.26809	81.8091	84.481	775.425	1102.9	21.9414	6.86489	52.8571	-0.01125
1.26909	81.3356	84.3442	777.823	1104.54	21.9251	6.88594	52.8571	-0.009688
1.27009	81.8091	84.2074	778.851	1106.45	21.8191	6.88682	53.0061	-0.010625
1.27109	81.8091	84.2074	780.879	1107	21.705	6.87084	53.0061	-0.012188
1.27209	81.8091	84.6178	783.42	1108.38	21.6661	6.87489	53.1632	-0.007188
1.27309	81.8091	84.2074	783.763	1108.91	21.4888	6.86594	53.2519	-0.012188
1.27409	81.8091	83.8803	785.476	1108.48	21.1221	6.86489	53.4492	-0.011563
1.27509	81.4724	84.3442	787.532	1110	20.9958	6.86582	53.5973	-0.010313
1.27609	81.8091	84.481	788.903	1111.64	20.8371	6.87344	53.4492	-0.012813
1.27709	81.8091	84.2074	790.273	1112.6	20.6667	6.87438	53.4986	-0.011563
1.27809	81.3356	84.481	792.101	1113.83	20.9838	6.86656	53.4492	-0.011563
1.27909	81.8091	84.6178	792.9	1115.19	21.1914	6.86844	53.4986	-0.01375
1.28009	82.2928	84.3442	794.271	1116.83	21.4197	6.86989	53.5479	-0.011563
1.28109	81.8091	84.0708	795.527	1117.93	21.6439	6.87344	53.5973	-0.010938
1.28209	81.8091	84.2074	797.24	1117.38	21.7621	6.86719	53.6486	-0.010313
1.28309	81.3356	84.6178	799.088	1118.2	21.7539	6.83719	53.698	-0.008438
1.28409	81.0622	84.481	799.753	1118.74	21.8395	6.81344	53.5479	-0.011563
1.28509	81.8826	84.2074	802.38	1120.38	21.8355	6.59989	54.0414	-0.01125
1.28609	81.7458	84.3442	803.088	1121.34	21.7132	6.87687	53.7453	-0.011563
1.28709	81.4724	84.3442	805.35	1122.02	21.5746	6.87489	53.7453	-0.011563
1.28809	81.8091	84.0708	806.949	1123.12	21.3993	6.87156	53.9427	-0.009063
1.28909	80.7888	84.3442	808.548	1123.8	21.1751	6.87375	53.7453	-0.010625
1.29009	81.8091	84.0708	811.081	1124.82	20.9509	6.87844	53.7946	-0.009063
1.29109	81.3356	84.2074	812.66	1125.3	20.4333	6.87719	53.5973	-0.012188
1.29209	81.4724	84.0708	814.716	1126.8	19.8967	6.88719	53.7453	-0.012188
1.29309	81.3356	84.0708	816.772	1126.98	20.0175	6.88856	53.5479	-0.012813
1.29409	81.8091	84.0708	819.856	1125.98	20.2947	6.88844	53.7453	-0.008438
1.29509	81.3356	84.3442	820.427	1126.94	20.4537	6.87489	53.7453	-0.011875
1.29609	81.3356	84.3442	822.597	1129.12	20.5474	6.87281	53.7946	-0.010313
1.29709	81.8091	84.2074	823.168	1129.4	20.6942	6.88856	53.7453	-0.01125
1.29809	81.8091	84.6178	824.767	1130.22	20.8164	6.88844	53.844	-0.010313
1.29909	81.4724	84.3442	825.909	1130.76	20.849	6.87219	53.698	-0.013438

1.30009	81.4724	84.3442	827.188	1131.17	20.8001	6.67219	53.2519	-0.010938
1.30109	81.6091	84.3442	828.422	1131.86	20.8102	6.66969	53.844	-0.012188
1.30209	81.1889	84.8178	829.793	1131.86	20.7838	6.66094	53.8465	-0.01125
1.30309	81.6091	84.481	830.708	1133.36	20.7227	6.63281	53.844	-0.010313
1.30409	81.7458	84.2074	832.077	1134.59	20.6004	6.60531	53.844	-0.011875
1.30509	81.6091	84.2074	834.019	1135.95	20.4048	6.60344	53.9427	-0.007188
1.30609	81.4724	84.0708	834.475	1136.23	20.3232	6.66844	53.8466	-0.010313
1.30709	81.3356	83.6603	835.275	1136.77	19.9849	6.65719	54.2367	-0.011875
1.30809	81.6091	84.3442	836.531	1137.87	19.6385	6.66406	54.0414	-0.012813
1.30909	81.6091	84.3442	838.018	1138	19.8219	6.66156	53.696	-0.012188
1.31009	81.3356	84.2074	838.93	1138.28	20.1276	6.66094	53.8933	-0.010625
1.31109	81.6091	84.3442	839.958	1139.23	20.2702	6.64844	53.8933	-0.01125
1.31209	81.7458	84.0708	842.357	1140.6	20.5474	6.64969	53.8933	-0.012188
1.31309	81.3356	83.5236	843.27	1140.6	20.633	6.64969	53.992	-0.011583
1.31409	81.4724	84.8178	844.641	1142.51	20.7431	6.66469	53.5479	-0.012188
1.31509	82.0193	84.2074	846.011	1141.98	20.8184	6.65094	53.7946	-0.010625
1.31609	81.6091	84.3442	846.925	1143.19	20.7961	6.64187	53.7946	-0.009688
1.31709	81.7458	84.481	847.839	1143.33	20.792	6.64344	53.8466	-0.010625
1.31809	81.6091	84.8178	848.638	1144.42	20.7675	6.64594	53.696	-0.012813
1.31909	81.7458	84.481	850.123	1145.51	20.6882	6.65156	53.7453	-0.010938
1.3201	81.7458	84.2074	850.352	1145.79	20.5474	6.64469	53.8933	-0.011583
1.3211	81.3356	84.3442	851.037	1146.08	20.3436	6.64281	53.8466	-0.010938
1.3221	81.6091	84.481	851.494	1147.43	20.1072	6.62969	53.5479	-0.010313
1.3231	81.3356	84.8178	851.38	1148.25	19.9197	6.60344	53.3999	-0.011563
1.3241	80.7888	84.3442	851.722	1149.34	19.5203	6.58469	53.696	-0.01125
1.3251	81.4724	84.0708	851.494	1149.75	19.2431	6.57219	53.7453	-0.01125
1.3261	81.3356	84.3442	851.951	1149.34	18.811	6.64594	53.5479	-0.012813
1.3271	81.0622	84.481	851.951	1149.89	18.705	6.63812	53.696	-0.009063
1.3281	81.4724	84.8178	852.75	1149.89	18.9333	6.63969	53.8466	-0.013125
1.3291	81.6091	84.2074	853.093	1150.84	19.0863	6.64219	53.844	-0.012188
1.3301	81.6091	84.481	854.235	1151.83	19.3001	6.63469	53.696	-0.011875
1.3311	81.6091	84.0708	853.778	1153.16	19.4387	6.63656	53.4492	-0.012188
1.3321	81.7458	84.0708	854.235	1153.71	19.4306	6.63969	53.5479	-0.012813
1.3331	81.7458	84.8178	855.149	1154.8	19.5284	6.63344	53.3999	-0.010313
1.3341	81.6091	84.3442	855.948	1155.82	19.5773	6.63469	53.3999	-0.010625
1.3351	81.6091	84.2074	856.882	1155.82	19.455	6.63094	53.3505	-0.010313
1.3361	81.3356	84.3442	856.976	1156.71	19.5039	6.62969	53.2519	-0.012188
1.3371	81.8826	84.0708	858.119	1155.89	19.3898	6.63281	53.4986	-0.01125
1.3381	81.4724	84.481	859.489	1156.85	19.4428	6.63469	53.0545	-0.011563
1.3391	81.4724	84.3442	859.603	1157.53	19.2553	6.63469	53.2519	-0.010313
1.3401	81.3356	84.2074	859.603	1158.08	18.9904	6.63562	53.2519	-0.010313
1.3411	81.3356	83.5236	859.718	1158.63	18.9292	6.63594	53.2519	-0.014063
1.3421	81.7458	84.3442	860.88	1159.72	18.8192	6.63719	53.3505	-0.012188
1.3431	81.8826	84.3442	860.631	1159.99	18.9333	6.61594	53.1592	-0.011583
1.3441	82.1561	84.3442	861.202	1160.13	19.3328	6.58844	53.0051	-0.011563
1.3451	81.7458	84.3442	861.545	1161.38	19.4876	6.56719	53.1592	-0.011875
1.3461	81.6091	84.2074	862.23	1161.22	19.6282	6.61125	52.8571	-0.012188
1.3471	81.4724	84.3442	861.774	1162.45	19.8862	6.65094	52.8078	-0.011563
1.3481	81.6091	84.8178	861.088	1161.22	20.0175	6.63656	52.8571	-0.010938
1.3491	81.3356	84.2074	860.403	1160.95	19.9896	6.64281	52.8078	-0.00875
1.3501	81.6091	84.8178	860.403	1161.77	20.1113	6.64219	52.4623	-0.012813
1.3511	81.8826	84.481	860.06	1162.45	20.3762	6.64313	52.7584	-0.013438

1.3621	81.6091	84.6178	880.174	1163	20.0257	6.84489	52.8571	-0.010938
1.3631	81.6091	84.0706	859.948	1163.54	20.1235	6.83969	52.3638	-0.010313
1.3541	81.6091	84.6178	880.08	1163.82	20.4211	6.83844	52.4623	-0.010313
1.3551	82.0193	84.0706	880.289	1164.84	19.7567	6.84219	52.1663	-0.01125
1.3561	81.7458	84.3442	880.631	1164.36	19.936	6.84187	52.1663	-0.011563
1.3571	80.9255	84.3442	880.974	1164.09	19.7974	6.84313	52.1663	-0.01125
1.3581	81.3358	84.481	881.545	1164.84	19.1697	6.83969	52.4623	-0.010938
1.3591	81.6091	84.3442	881.545	1165.32	19.2105	6.84094	52.0676	-0.010938
1.3601	80.7888	84.3442	881.888	1166.55	19.0393	6.84156	52.0182	-0.010938
1.3611	81.3358	84.3442	882.118	1166.14	18.4886	6.83969	51.8702	-0.012813
1.3621	81.6091	84.6178	882.918	1167.37	18.4442	6.84489	52.1663	-0.012813
1.3631	81.3358	83.5236	882.918	1167.91	18.595	6.84406	52.265	-0.011563
1.3641	81.3358	84.3442	882.459	1167.78	18.8273	6.82719	51.6728	-0.011563
1.3651	81.6091	84.8913	882.459	1167.91	19.0882	6.59969	52.265	-0.011563
1.3661	81.4724	84.2074	883.144	1169.01	18.9415	6.57489	52.0676	-0.011563
1.3671	81.6091	84.3442	882.002	1168.87	18.8925	6.80812	52.1663	-0.011563
1.3681	80.9255	84.3442	881.659	1169.55	19.2186	6.85719	51.8702	-0.0125
1.3691	81.3358	84.2074	880.974	1170.1	19.0597	6.84219	51.5741	-0.011563
1.3701	81.4724	84.6178	880.517	1170.65	18.884	6.84937	51.8702	-0.010625
1.3711	81.6091	84.3442	880.174	1170.51	19.1128	6.84489	51.4754	-0.010625
1.3721	81.6091	84.3442	859.948	1170.1	18.8722	6.84437	51.2287	-0.014063
1.3731	81.3358	85.0281	858.804	1171.88	18.5338	6.84594	49.2549	-0.012188
1.3741	81.3358	83.8803	858.347	1172.01	18.8396	6.84489	50.8388	-0.011875
1.3751	82.0193	84.481	857.206	1171.88	18.4768	6.84625	52.1663	-0.012188
1.3761	81.7458	84.481	858.978	1172.28	17.9958	6.84869	51.4754	-0.01125
1.3771	81.3358	84.481	857.982	1172.01	18.2526	6.84437	51.5248	-0.012813
1.3781	81.6091	84.3442	858.748	1172.28	18.3483	6.84625	51.2781	-0.010825
1.3791	81.4724	84.3442	856.976	1172.97	18.3588	6.84781	51.0807	-0.012188
1.3801	82.1561	84.6178	857.318	1173.38	18.9007	6.84969	51.0807	-0.013438
1.3811	81.3358	84.3442	858.978	1173.92	18.7988	6.84969	51.1794	-0.011875
1.3821	81.7458	84.3442	857.982	1173.92	19.239	6.85582	50.982	-0.009688
1.3831	81.6091	84.3442	856.748	1172.01	19.3491	6.85625	50.0938	-0.014063
1.3841	81.6091	84.0706	857.319	1173.51	19.292	6.85837	50.6833	-0.010938
1.3851	81.0622	84.3442	857.776	1173.38	19.5529	6.85844	51.2287	-0.01125
1.3861	81.7458	84.2074	858.804	1173.38	19.6874	6.83719	50.4886	-0.010938
1.3871	81.8828	84.481	858.89	1173.38	19.5366	6.81156	50.7848	-0.010938
1.3881	81.6091	84.2074	858.575	1173.24	19.5856	6.59406	50.8396	-0.010625
1.3891	81.8828	84.0706	858.119	1172.83	19.7078	6.84582	50.2912	-0.009688
1.3901	81.4724	84.3442	859.147	1173.65	19.3939	6.86469	50.2912	-0.011563
1.3911	81.7458	84.2074	858.575	1174.47	19.3776	6.85781	50.0938	-0.012188
1.3921	81.4724	84.3442	857.776	1173.82	19.4306	6.85969	50.0938	-0.009688
1.3931	81.6091	84.0706	857.89	1173.24	19.08	6.85781	49.7977	-0.011563
1.3941	81.3358	84.6178	858.575	1173.38	18.6806	6.85844	49.3043	-0.014063
1.3951	81.6091	84.3442	857.89	1173.92	18.0773	6.85594	49.8964	-0.012188
1.3961	81.6091	83.6236	858.119	1174.47	17.7186	6.85656	50.0938	-0.010625
1.3971	81.7458	84.2074	857.89	1175.58	17.9673	6.85469	50.2418	-0.012188
1.3981	81.3358	85.0281	857.433	1175.02	18.1752	6.85719	50.0938	-0.01125
1.3991	81.3358	84.0706	858.976	1174.08	18.1752	6.85656	49.8471	-0.011875
1.4001	81.3358	84.0706	858.748	1173.92	18.4849	6.85469	49.8471	-0.010313
1.4011	81.4724	84.0706	856.291	1173.1	18.273	6.85594	48.8003	-0.011875
1.4021	81.3358	83.8803	855.834	1172.83	18.4319	6.85531	48.899	-0.010638
1.4031	81.6091	84.3442	855.806	1174.74	18.4768	6.85584	49.551	-0.011563

1.4041	81.3356	84.3442	854.235	1173.92	18.2567	6.85656	49.5017	-0.009063
1.4051	81.6091	84.6178	852.865	1172.83	18.6154	6.85469	48.9589	-0.015825
1.4061	81.3356	84.3442	853.093	1174.06	18.4442	6.85625	49.0082	-0.012813
1.4071	81.3356	84.2074	853.207	1173.38	18.1588	6.85844	49.5017	-0.01125
1.4081	81.6091	84.3442	851.494	1173.38	18.3382	6.84219	49.0576	-0.012188
1.4091	81.8826	84.6178	851.494	1173.38	18.0692	6.6125	49.0576	-0.011875
1.4101	81.3356	84.3442	851.037	1173.92	17.7879	6.59158	48.9589	-0.010313
1.4111	81.3356	84.6178	850.466	1172.28	17.7186	6.58844	48.7121	-0.010313
1.4121	81.3356	84.6178	849.095	1173.92	17.5271	6.65719	48.7121	-0.011563
1.4131	81.7458	84.6178	849.895	1180.48	17.3681	6.64406	48.7121	-0.011563
1.4141	81.3356	84.3442	848.753	1169.28	17.0685	6.64344	48.12	-0.011563
1.4151	81.6091	84.8913	843.613	1168.6	17.3518	6.64281	48.3174	-0.010313
1.4161	81.6091	84.6178	843.27	1168.49	17.7472	6.63969	47.5279	-0.01125
1.4171	81.6091	84.0706	844.07	1168.41	17.7106	6.64094	47.7253	-0.014063
1.4181	81.7458	84.3442	844.412	1170.51	17.9428	6.63969	47.8238	-0.01125
1.4191	81.6091	84.481	841.557	1177.47	18.1752	6.63812	47.3798	-0.010625
1.4201	81.4724	84.0706	841.443	1179.39	18.2771	6.63694	47.4282	-0.010313
1.4211	81.4724	84.3442	840.529	1177.47	18.4786	6.63969	47.3305	-0.008375
1.4221	81.3356	84.3442	836.646	1174.74	18.1507	6.63844	47.3305	-0.011563
1.4231	81.7458	84.6178	835.389	1170.65	18.6724	6.64406	47.5279	-0.011563
1.4241	81.3356	84.3442	835.618	1169.01	18.5685	6.64625	47.3305	-0.011563
1.4251	81.3356	84.6178	834.133	1168.55	18.3423	6.64656	47.3305	-0.010825
1.4261	81.3356	84.3442	830.936	1168.19	18.5685	6.64344	46.9357	-0.010938
1.4271	81.4724	84.3442	829.564	1173.92	18.5338	6.64625	47.0344	-0.010938
1.4281	81.3356	84.3442	829.221	1177.47	18.1629	6.64594	47.4282	-0.012813
1.4291	81.6091	84.3442	828.422	1188.13	18.3628	6.64719	47.8238	-0.012188
1.4301	81.8826	84.3442	827.737	1184.41	17.9581	6.64781	47.8226	-0.013438
1.4311	81.6091	84.2074	827.28	1191.41	17.2295	6.63875	48.4161	-0.012188
1.4321	81.3356	84.6178	824.082	1181.03	17.3436	6.61125	48.6828	-0.012188
1.4331	81.6091	84.6178	818.513	1171.19	16.8993	6.58781	48.6828	-0.011563
1.4341	81.3356	84.6178	818.371	1159.31	17.0787	6.57187	48.5148	-0.011563
1.4351	81.6091	84.2074	817.914	1153.03	17.2499	6.63937	47.7253	-0.010938
1.4361	81.4724	84.481	817.571	1158.58	17.311	6.64625	47.2811	-0.011563
1.4371	82.1581	84.481	817.571	1164.38	17.3722	6.63656	46.3928	-0.010313
1.4381	81.6091	84.3442	818.589	1172.56	17.4859	6.63344	46.0475	-0.010313
1.4391	81.0622	84.3442	817.457	1172.69	17.4455	6.62806	46.3567	-0.011875
1.4401	81.3356	84.0706	813.888	1180.75	17.523	6.62489	45.9982	-0.009688
1.4411	80.7888	84.2074	814.259	1171.19	17.4374	6.62281	45.5047	-0.010825
1.4421	81.3356	84.3442	812.069	1166.14	17.4904	6.61969	45.8995	-0.011875
1.4431	81.6091	84.3442	810.281	1158.45	17.4578	6.61406	46.2449	-0.010313
1.4441	81.3356	84.3442	809.69	1162.46	17.2784	6.62219	46.1956	-0.010938
1.4451	81.6091	84.481	810.832	1163.27	17.3844	6.62313	46.2449	-0.010625
1.4461	81.3356	84.481	807.083	1164.08	17.1521	6.62156	46.1462	-0.012813
1.4471	81.4724	84.481	803.284	1165.32	16.9075	6.62156	45.5541	-0.011563
1.4481	81.3356	84.481	802.723	1163.82	16.9197	6.61875	45.3074	-0.012188
1.4491	81.3356	84.2074	803.284	1169.96	16.7322	6.61719	45.6528	-0.0075
1.4501	81.6091	84.481	801.238	1184.58	16.4224	6.61719	45.7515	-0.011563
1.4511	81.3356	84.2074	803.066	1192.5	16.3246	6.61719	46.541	-0.011563
1.4521	81.6091	84.3442	801.923	1188.13	16.1371	6.61406	46.889	-0.010313
1.4531	81.6091	84.3442	794.813	1181.03	15.9496	6.61656	47.0638	-0.010938
1.4541	81.6091	84.0706	790.958	1166	15.9211	6.60656	46.9357	-0.012188
1.4551	81.6091	84.3442	788.674	1150.98	16.0556	6.59687	46.541	-0.011875

1.4561	81.6091	83.7971	786.504	1149.2	16.7159	6.57082	46.1462	-0.01125
1.4571	81.3358	84.8178	787.189	1151.8	16.8344	6.54344	46.9488	-0.011683
1.4581	81.3358	85.0281	788.161	1163.54	16.7974	6.53825	45.1683	-0.011875
1.45911	81.3358	84.481	784.334	1175.02	17.0665	6.60719	44.7152	-0.012188
1.46011	81.4724	84.8178	782.983	1172.58	17.1195	6.60489	44.3698	-0.012188
1.46111	81.7458	84.481	776.785	1167.37	17.0665	6.60281	44.1724	-0.012813
1.46211	81.6091	84.0708	774.74	1161.83	17.2458	6.59875	44.8859	-0.012813
1.46311	81.3358	84.2074	776.567	1160.54	17.3681	6.59489	44.1724	-0.012188
1.46411	81.6091	83.7971	777.823	1167.37	17.254	6.59719	44.7646	-0.011563
1.46511	81.6091	84.3442	778.737	1174.2	17.258	6.59094	44.9819	-0.011563
1.46611	81.6091	84.3442	777.252	1172.58	17.311	6.58582	44.9819	-0.010313
1.46711	81.6091	84.481	771.77	1149.61	17.1928	6.57937	44.7646	-0.011563
1.46811	81.6091	84.8178	784.003	1129.87	17.0338	6.57219	44.8859	-0.011563
1.46911	81.1989	84.8178	782.178	1141.96	16.936	6.56844	44.4192	-0.010625
1.47011	81.4724	84.2074	789.714	1141.89	16.557	6.56887	44.1231	-0.010938
1.47111	81.3358	84.8178	770.171	1155.62	16.1857	6.56858	43.7777	-0.008438
1.47211	82.1561	84.0708	764.917	1168.88	16.0638	6.56875	43.4818	-0.011563
1.47311	82.1561	84.0708	767.087	1160.7	16.023	6.56887	43.4818	-0.012188
1.47411	81.7458	84.481	781.033	1144.7	16.3002	6.56858	43.4818	-0.011875
1.47511	81.3358	84.481	756.465	1137.32	16.3858	6.56858	43.679	-0.012188
1.47611	81.3358	84.3442	759.206	1128.58	16.504	6.55989	43.9751	-0.011563
1.47711	81.0822	84.481	781.49	1135.41	16.561	6.55989	44.0737	-0.010625
1.47811	81.6091	84.3442	782.632	1148.88	16.6589	6.55844	44.1724	-0.012188
1.47911	81.6091	84.8913	782.178	1163.16	16.6507	6.56187	44.5178	-0.011875
1.48011	81.6091	85.1649	781.847	1163.44	16.8426	6.54344	44.5178	-0.012188
1.48111	81.4724	84.8178	760.805	1197.01	16.8385	6.50844	44.1231	-0.011875
1.48211	81.4724	84.8178	777.838	1217.9	16.8426	6.48489	44.1724	-0.008375
1.48311	81.1989	84.481	783.877	1130.78	16.8181	6.49719	43.9257	-0.011563
1.48411	81.7458	84.8178	746.489	1088.15	16.5773	6.55437	44.1724	-0.0125
1.48511	81.3358	84.481	741.845	1082.89	16.4958	6.53594	43.7777	-0.0125
1.48611	81.6091	84.8178	763.546	1129.87	16.451	6.53844	43.679	-0.010938
1.48711	81.8826	83.9339	776.91	1150.16	16.3778	6.53562	43.7777	-0.011563
1.48811	81.3358	84.481	765.602	1168.73	16.3002	6.53375	43.679	-0.011563
1.48911	81.8826	84.8178	762.632	1149.34	16.1045	6.52989	43.4818	-0.010625
1.49011	81.6091	84.8178	758.521	1122.57	16.0393	6.52344	43.1855	-0.011875
1.49111	81.3358	84.8178	746.185	1110.82	15.8803	6.51719	43.3336	-0.010625
1.49211	81.6091	84.3442	745.5	1105.09	15.6928	6.51094	42.6934	-0.012813
1.49311	81.4724	84.481	761.804	1108.38	15.6806	6.50719	42.5834	-0.008125
1.49411	81.7458	84.8178	767.201	1119.58	15.5502	6.50594	42.5441	-0.012188
1.49511	81.6091	84.3442	758.292	1136	15.5053	6.49989	42.386	-0.011563
1.49611	80.7888	84.8178	756.807	1128.03	15.7907	6.4825	42.6427	-0.011875
1.49711	81.7458	84.8178	756.008	1114.37	16.1857	6.48989	42.1986	-0.010313
1.49811	81.3358	84.8178	753.287	1108.84	16.2584	6.48989	42.1	-0.010938
1.49911	81.3358	84.481	757.807	1110	16.2635	6.49156	42.386	-0.010938
1.50011	81.3358	84.8178	763.318	1104.54	16.398	6.48989	42.1493	-0.008375
1.50111	81.4724	84.3442	762.861	1110.82	16.6059	6.48906	41.8026	-0.011563
1.50211	81.3358	84.3442	763.089	1158.49	16.5855	6.48875	41.8026	-0.010313
1.50311	81.0822	84.481	773.712	1135.95	16.5284	6.48489	41.9519	-0.010938
1.50411	81.3358	84.3442	763.318	1076.95	16.7567	6.48375	42.3487	-0.01125
1.50511	80.9255	84.8178	737.39	1073.54	16.7241	6.47594	42.2973	-0.011875
1.50611	81.3358	84.3442	756.465	1103.99	16.5977	6.44531	42.7414	-0.011875
1.50711	81.3358	84.8178	779.537	1098.89	16.8874	6.42094	42.1986	-0.010313

1.50611	81.1989	84.6178	763.318	1116.56	16.8018	6.40188	42.7908	-0.011875
1.50911	80.7888	84.6178	757.835	1130.22	16.4795	6.45089	42.5834	-0.011563
1.51011	81.3356	84.481	767.772	1091.97	16.3287	6.46281	42.1493	-0.012813
1.51111	81.4724	84.3442	755.437	1084.8	15.9985	6.45489	42.3487	-0.011875
1.51211	81.3356	84.481	748.241	1084.8	15.5013	6.45187	42.1493	-0.012813
1.51311	81.6091	84.2074	765.374	1082.14	15.4197	6.45489	41.9026	-0.01376
1.51411	81.3356	84.6178	775.998	1084.87	15.4401	6.45437	41.8085	-0.012813
1.51511	81.1989	84.481	767.201	1086.12	15.8725	6.44969	41.8085	-0.010625
1.51611	81.8828	84.3442	761.719	1118.74	15.7458	6.44719	41.3104	-0.012813
1.51711	81.6091	84.3442	773.597	1096.62	15.9089	6.44489	41.7545	-0.013438
1.51811	81.4724	84.3442	763.546	1089.57	16.0393	6.43969	40.965	-0.012813
1.51911	81.3356	83.9339	753.287	1093.07	16.1045	6.43937	40.817	-0.0125
1.52011	81.3356	84.8913	776.339	1073.67	16.133	6.44887	40.7189	-0.010938
1.52111	81.3356	84.481	775.853	1086.98	16.3248	6.43906	40.869	-0.010625
1.52211	81.3356	84.6178	762.632	1091.84	16.3613	6.43687	40.3235	-0.010625
1.52311	81.0822	84.6178	772.798	1088.97	16.188	6.43408	40.4222	-0.01125
1.52411	81.6091	84.6178	774.283	1089.57	16.2961	6.43082	40.2249	-0.012188
1.52511	81.3356	84.6178	762.632	1075.04	16.3409	6.42594	40.1755	-0.011563
1.52611	81.3356	84.6178	768.572	1083.16	16.2146	6.42969	40.1262	-0.010625
1.52711	80.5163	84.6178	779.851	1059.8	16.2106	6.43126	40.6196	-0.011875
1.52811	81.6091	84.481	780.679	1089.03	16.1983	6.42844	40.5703	-0.01125
1.52911	81.3356	84.3442	778.166	1086.3	16.0393	6.42637	40.7183	-0.010938
1.53011	81.4724	84.3442	777.938	1087.8	16.0067	6.42781	40.7876	-0.010625
1.53111	81.8828	84.3442	764.334	1070.94	15.9089	6.41408	40.9157	-0.010625
1.53211	81.3356	84.6178	774.74	1073.95	15.6725	6.38594	41.0144	-0.010313
1.53311	81.3356	84.481	775.311	1081.87	15.6072	6.38156	41.0144	-0.01125
1.53411	81.1989	84.6178	765.248	1053.48	15.4931	6.35469	41.0144	-0.01125
1.53511	81.3356	84.3442	776.339	1044.44	15.1263	6.42219	41.4091	-0.012188
1.53611	81.3356	84.3442	771.427	1063.43	15.11	6.40969	41.3104	-0.011875
1.53711	81.3356	84.481	785.019	1063.19	15.2848	6.40856	41.2117	-0.011875
1.53811	80.7888	84.3442	780.907	1036.25	15.379	6.39969	41.0837	-0.0125
1.53911	81.3356	84.481	770.295	1032.97	15.4886	6.39644	40.8196	-0.011875
1.54011	81.7458	84.481	776.795	1005.93	15.5991	6.39406	40.1262	-0.010938
1.54111	81.3356	84.6178	782.849	1001.42	15.7254	6.38219	39.2873	-0.011875
1.54211	81.6091	84.3442	782.606	999.646	15.7621	6.38219	38.4484	-0.012188
1.54311	81.7458	84.481	783.534	996.094	15.8722	6.38375	37.8096	-0.010938
1.54411	81.0822	84.481	789.359	988.991	15.9415	6.37969	38.8201	-0.011875
1.54511	81.3356	84.6178	789.359	1000.19	15.864	6.37887	38.2279	-0.011563
1.54611	81.3356	84.3442	792.101	1008.11	15.9619	6.37219	36.6851	-0.012188
1.54711	81.3356	84.3442	796.098	1012.07	15.8722	6.37166	35.2904	-0.01376
1.54811	81.3356	84.6178	800.096	1016.99	15.7947	6.36844	35.2904	-0.010313
1.54911	81.1989	84.6178	799.639	1010.43	15.807	6.36489	35.241	-0.011563
1.55011	81.6091	84.6178	797.697	1001.89	15.7132	6.36219	35.5695	-0.012188
1.55111	81.4724	84.481	798.04	991.45	15.5746	6.35719	35.9812	-0.011563
1.55211	81.3356	84.2074	798.84	984.075	15.4523	6.35562	35.8332	-0.012813
1.55311	81.6091	83.9339	799.182	978.894	15.3627	6.34969	36.0799	-0.012188
1.55411	81.7458	84.3442	801.695	976.426	15.2282	6.34781	36.1262	-0.012188
1.55511	81.3356	84.481	802.38	977.792	15.0366	6.34719	35.7838	-0.010938
1.55611	81.4724	85.0281	804.693	982.162	14.629	6.34408	35.8358	-0.010313
1.55711	81.4724	84.481	806.949	984.075	14.4945	6.33594	35.3397	-0.010938
1.55811	81.3356	84.481	806.434	984.621	14.4415	6.31219	35.4878	-0.010938
1.55911	81.1989	83.7971	811.975	984.075	14.4252	6.28281	35.5695	-0.009063

1.58011	81.3358	84.3442	812.491	882.182	14.5864	6.25504	35.5885	-0.014888
1.58111	81.6081	84.3442	814.602	878.611	14.686	6.28219	36.0799	-0.0125
1.58211	81.3358	85.1849	815.173	875.606	14.8206	6.34188	36.524	-0.011563
1.58311	81.4724	84.8913	815.858	872.602	14.8328	6.31969	36.8201	-0.012188
1.58411	81.1989	84.3442	815.401	855.938	14.8185	6.32719	37.2842	-0.012188
1.58511	81.1989	84.3442	810.147	952.114	14.8839	6.31808	37.1655	-0.013125
1.58611	81.3358	84.3442	811.86	957.304	14.8632	6.30719	37.4122	-0.01125
1.58711	81.1989	84.3442	817.457	955.392	14.9308	6.25908	36.9188	-0.010313
1.58811	81.8828	84.0708	814.944	948.836	14.9428	6.22408	36.8894	-0.010313
1.58911	81.3358	84.481	809.482	921.793	14.9488	6.19408	36.2773	-0.010313
1.59011	81.1989	85.1849	799.867	803.513	14.9184	6.18988	36.0308	-0.011563
1.59111	81.3358	83.8803	755.551	800.781	14.8776	6.15812	35.5885	-0.010313
1.59211	81.3358	84.481	765.145	834.927	14.8839	6.14344	35.0437	-0.010313
1.59311	81.6081	84.3442	815.287	803.513	14.8206	6.12869	34.4022	-0.011563
1.59411	81.0822	84.6178	805.35	789.718	14.7064	6.11584	33.514	-0.011563
1.59511	80.5153	84.481	778.851	790.128	14.6887	6.10187	32.3297	-0.012813
1.59611	81.3358	84.6178	781.478	780.021	14.6208	6.08281	30.8	-0.012813
1.59711	81.3358	84.3442	796.219	820.586	14.5312	6.06869	29.8612	-0.010838
1.59811	80.9255	84.481	829.584	848.836	14.5192	6.05937	28.3329	-0.012188
1.59911	81.3358	85.0281	900.285	841.871	14.1928	6.08781	27.3952	-0.010313
1.58011	81.3358	83.7971	687.19	683.657	14.1888	6.05082	26.8551	-0.010838
1.58111	81.1989	84.481	620.884	682.048	14.2458	6.03937	26.211	-0.010825
1.58211	81.3358	84.6178	799.753	844.781	14.4498	6.02594	25.4214	-0.013438
1.58311	81.3358	84.3442	821.883	810.342	14.8004	6.02812	25.7175	-0.012188
1.58411	81.3358	84.3442	828.993	806.245	14.4822	6.02489	26.3096	-0.010313
1.58511	81.3358	84.6178	817.114	811.025	14.6045	6.01094	26.0629	-0.011875
1.58611	81.3358	84.3442	808.149	804.059	14.8002	5.98719	26.4083	-0.011875
1.58711	81.1989	84.2074	788.674	784.118	14.8083	5.95989	26.4083	-0.011563
1.58811	81.3358	84.8913	768.8	759.807	15.0182	5.93469	26.6057	-0.010313
1.58911	81.7458	84.2074	770.828	742.734	14.7879	5.94344	26.4083	-0.010313
1.59011	81.3358	84.0708	779.08	750.248	14.7268	5.93375	26.4083	-0.011875
1.59111	81.3358	84.0708	776.11	779.474	14.8267	5.97187	26.4083	-0.010838
1.59211	81.4724	84.3442	784.334	789.445	14.7676	5.96844	26.1123	-0.011875
1.59311	81.8091	84.2074	796.555	771.553	14.8494	5.96531	25.5895	-0.015825
1.59411	81.3358	84.6178	789.359	783.085	14.7187	5.95625	25.7175	-0.014888
1.59511	81.3358	84.3442	777.252	763.631	14.7513	5.95583	26.0138	-0.012813
1.59611	81.0822	84.6178	773.255	765.818	14.6004	5.95344	25.9642	-0.012813
1.59711	81.6081	84.3442	781.136	764.724	14.6371	5.94469	26.211	-0.011563
1.59812	81.3358	84.2074	788.56	766.363	14.8248	5.93869	26.6057	-0.012813
1.59912	81.0822	84.2074	789.359	772.645	14.307	5.93219	26.9511	-0.012188
1.60012	80.7888	84.2074	786.504	771.143	14.307	5.92969	27.3459	-0.013438
1.60112	81.4724	84.3442	778.166	762.538	14.4007	5.92887	27.9874	-0.012813
1.60212	81.6081	84.481	769.942	764.753	14.0176	5.92406	28.5302	-0.012813
1.60312	81.3358	84.3442	766.229	749.7	13.8545	5.92719	28.9743	-0.011563
1.60412	81.1989	84.3442	769.257	764.724	13.932	5.91806	28.7789	-0.014063
1.60512	81.8091	84.0708	778.052	739.583	13.4795	5.92344	29.073	-0.012813
1.60612	81.0822	84.3442	753.287	718.012	13.5368	5.91781	29.5864	-0.01125
1.60712	81.1989	84.6178	731.565	744.1	14.1399	5.91531	29.073	-0.011875
1.60812	81.3358	84.6178	744.129	725.934	14.0013	5.91031	28.9743	-0.0125
1.60912	81.1989	84.8913	740.931	704.827	13.7486	5.90876	28.7789	-0.012188
1.61012	80.7888	84.2074	724.941	696.979	14.0013	5.90219	28.2834	-0.012813
1.61112	80.9255	84.2074	712.605	696.432	14.4252	5.90084	28.3328	-0.01125

1.61212	81.0822	84.6178	709.521	691.516	14.1562	5.89469	27.6913	-0.012813
1.61312	80.2419	84.3442	704.838	685.369	14.0461	5.89719	27.1979	-0.013438
1.61412	81.0822	84.2074	697.3	689.467	14.307	5.87844	27.0498	-0.010938
1.61512	80.7888	83.7971	706.208	698.618	14.254	5.84844	26.0136	-0.014063
1.61612	80.6521	84.3442	719.915	696.979	14.1399	5.82658	26.0136	-0.011563
1.61712	81.0822	84.3442	716.26	697.662	14.1154	5.81156	25.6895	-0.011875
1.61812	81.0822	84.481	711.006	697.389	13.9768	5.86594	25.0267	-0.012813
1.61912	81.0822	83.9339	716.717	696.071	14.0094	5.87469	25.1254	-0.014063
1.62012	81.0822	84.0706	719.915	702.442	13.9524	5.86406	25.1254	-0.012188
1.62112	81.3356	84.6178	719.915	704.827	13.8915	5.86188	25.3721	-0.012188
1.62212	81.0822	84.6178	717.288	702.169	13.8426	5.85719	25.7175	-0.010825
1.62312	81.3356	84.3442	713.405	700.12	13.8385	5.85719	25.8162	-0.010938
1.62412	81.3356	84.3442	706.265	719.925	13.8817	5.85281	25.9149	-0.011563
1.62512	81.3356	84.0706	719.001	733.856	13.2757	5.84844	25.9149	-0.010938
1.62612	81.3356	84.3442	733.621	716.647	13.1127	5.84344	25.3721	-0.01375
1.62712	80.7888	84.481	730.651	701.759	12.9863	5.83938	25.9642	-0.014688
1.62812	82.0193	84.6178	714.09	688.784	13.0515	5.83594	26.2603	-0.011563
1.62912	81.6091	84.3442	695.016	678.95	13.2187	5.82844	26.7175	-0.012813
1.63012	80.7888	84.6178	682.794	668.297	13.3736	5.83219	25.8655	-0.014063
1.63112	81.3356	84.481	675.142	653.955	13.3776	5.82969	25.9149	-0.01375
1.63212	81.4724	84.3442	664.634	645.351	13.4388	5.82969	25.8162	-0.013438
1.63312	81.3356	84.0706	654.811	669.253	13.5203	5.82719	26.2603	-0.014063
1.63412	81.8826	84.3442	664.083	675.126	13.6486	5.82594	26.369	-0.012613
1.63512	81.1989	84.6178	675.599	666.384	13.5896	5.82219	26.211	-0.011563
1.63612	81.3356	84.6178	679.71	658.65	13.6833	5.81844	26.3096	-0.013438
1.63712	80.7888	85.0261	677.788	659.146	13.6915	5.8175	25.8162	-0.013438
1.63812	81.3356	85.0261	680.852	672.804	13.7486	5.81844	26.6057	-0.012188
1.63912	80.7888	84.6178	691.381	681.682	13.8097	5.81906	27.0992	-0.012813
1.64012	81.1989	84.6178	698.67	682.365	13.7486	5.81719	26.8031	-0.012613
1.64112	81.3356	84.6178	698.889	681.545	13.7078	5.81906	27.1979	-0.012813
1.64212	80.6521	84.481	694.673	718.832	13.8708	5.81887	27.0005	-0.014063
1.64312	81.6091	84.3442	711.577	730.032	13.8586	5.80489	27.0498	-0.012813
1.64412	81.0822	84.8913	724.484	710.091	13.8915	5.78094	27.0498	-0.012188
1.64512	80.5153	85.0261	717.859	688.872	13.8589	5.75969	27.0992	-0.011875
1.64612	81.0822	85.0261	696.729	674.716	13.5447	5.73531	27.2472	-0.0125
1.64712	81.1989	84.2074	678.741	668.384	13.6181	5.75344	27.1979	-0.01375
1.64812	81.0822	84.481	685.09	652.18	13.4795	5.81719	27.1979	-0.011563
1.64912	80.7888	84.8913	654.126	635.79	13.2676	6.79781	27.3459	-0.01375
1.65012	81.6091	84.6178	644.988	651.907	13.2717	6.79669	27.9674	-0.010313
1.65112	80.7888	84.6178	655.839	711.456	13.1331	6.79906	27.6926	-0.012813
1.65212	80.5153	84.6178	698.67	718.012	12.9415	5.79644	27.9674	-0.012188
1.65312	81.0822	85.1649	719.915	696.189	12.9456	6.79219	28.3621	-0.01125
1.65412	80.9255	84.481	703.239	667.535	12.6317	5.78969	29.073	-0.010825
1.65512	81.1989	84.6178	693.416	713.389	12.4524	5.78906	29.5864	-0.012813
1.65612	81.3356	84.6178	706.437	727.437	12.5746	5.78813	29.9118	-0.012813
1.65712	81.0822	84.6178	722.885	729.076	12.6236	5.78344	30.7507	-0.01125
1.65812	81.1989	83.9339	722.999	728.481	12.5891	5.77969	31.5895	-0.010825
1.65912	81.3356	84.3442	716.26	772.918	12.8355	5.77906	31.9349	-0.014063
1.66012	81.3356	84.0706	735.106	798.137	12.6765	5.78406	32.5764	-0.014375
1.66112	81.0822	84.6178	747.558	767.865	12.6847	5.78187	33.514	-0.012813
1.66212	81.6091	84.481	730.651	743.963	12.9415	5.78094	33.0205	-0.012813
1.66312	81.1989	83.9339	713.178	732.783	12.7888	5.78094	33.0699	-0.012188

1.66412	81.3356	84.3442	701.069	725.388	12.7132	5.77781	33.4846	-0.012813
1.66512	81.1989	84.6178	688.449	709.818	13.0393	5.78082	33.4153	-0.012188
1.66612	81.3356	84.2074	672.4	688.482	12.7988	5.78312	33.514	-0.012188
1.66712	81.3356	84.481	665.09	710.837	12.8029	5.78219	33.7114	-0.012188
1.66812	80.5153	84.3442	681.538	734.129	12.8437	5.77969	33.5633	-0.012813
1.66912	81.1989	84.6178	690.675	733.583	12.8399	5.77969	33.7114	-0.013125
1.67012	80.8255	84.0708	685.878	739.183	12.9089	5.77969	33.514	-0.010313
1.67112	80.7888	84.3442	692.046	740.685	12.7821	5.77969	33.2179	-0.012813
1.67212	81.3356	84.6178	708.266	748.334	12.648	5.77781	33.4153	-0.012188
1.67312	81.1989	84.481	716.603	758.714	12.6929	5.78219	32.9712	-0.013438
1.67412	80.7888	84.2074	719.001	764.724	12.4788	5.73719	33.1192	-0.012813
1.67512	81.0622	84.3442	721.171	769.084	12.538	5.71438	33.0205	-0.0125
1.67612	81.6091	84.3442	724.598	819.63	12.3708	5.68594	32.6725	-0.012813
1.67712	80.8255	84.6178	749.155	826.459	12.2486	5.75594	32.6751	-0.012188
1.67812	81.0622	84.3442	759.206	801.874	12.3971	5.77594	32.9297	-0.0125
1.67912	81.3356	83.7971	743.672	781.796	12.1548	5.76844	31.9843	-0.011563
1.68012	81.0622	84.481	720.486	763.085	12.3871	5.77219	31.8349	-0.015313
1.68112	81.0622	84.6178	704.381	743.28	12.8562	5.77281	31.8349	-0.010938
1.68212	81.0622	84.6178	695.016	713.642	12.5178	5.77158	31.8363	-0.019125
1.68312	81.6091	84.3442	687.02	695.34	12.7821	5.77125	32.5764	-0.010313
1.68412	81.3356	84.6178	686.678	735.768	12.9863	5.77375	32.0336	-0.012188
1.68512	81.4724	84.6178	707.123	745.465	12.9007	5.77375	32.083	-0.013125
1.68612	81.6091	84.6178	705.752	751.475	12.9415	5.76719	32.0336	-0.011563
1.68712	81.3356	84.6178	694.102	758.441	12.9537	5.76406	32.1323	-0.010313
1.68812	81.0622	84.3442	700.27	783.631	13.0189	5.76406	31.8363	-0.011583
1.68912	81.0622	84.6178	718.544	789.914	13.235	5.76406	31.8369	-0.010938
1.69012	81.3356	84.6178	729.052	779.748	13.1249	5.78281	31.8369	-0.012813
1.69112	80.7888	84.6178	734.878	784.381	13.1779	5.76187	32.083	-0.013125
1.69212	81.0622	84.6178	740.38	806.245	13.3002	5.75969	32.231	-0.010625
1.69312	81.0622	84.481	750.411	854.868	13.1534	5.75969	32.231	-0.013438
1.69412	81.6091	84.6178	776.339	845.307	13.1045	5.75938	32.9218	-0.013438
1.69512	81.3356	84.481	776.339	824.273	13.3798	5.76344	32.9218	-0.012813
1.69612	81.0622	84.481	769.434	803.24	13.0719	5.75969	33.2179	-0.01375
1.69712	80.8521	84.3442	738.076	785.211	12.9988	5.75969	33.3166	-0.012813
1.69812	81.3356	84.481	723.57	769.67	13.1897	5.78219	33.81	-0.012813
1.69912	81.0622	84.8913	713.747	726.481	13.0383	5.78281	34.4022	-0.013125
1.70012	81.0622	84.6178	704.153	732.49	13.0719	5.75844	34.5009	-0.012813
1.70112	81.0622	84.6178	712.491	773.485	13.1371	5.75969	34.6996	-0.0125
1.70212	81.0622	84.6178	727.568	775.377	12.9859	5.75844	34.8956	-0.012813
1.70312	81.0622	85.0281	719.915	790.264	13.1897	5.73844	34.8866	-0.010313
1.70412	81.1989	84.6178	716.603	798.869	12.4157	5.71469	35.0437	-0.013438
1.70512	81.0622	84.3442	733.05	801.601	11.8776	5.68594	35.3891	-0.013438
1.70612	80.7888	84.481	746.87	805.698	12.1998	5.69812	35.4878	-0.010825
1.70712	81.0622	83.9339	748.888	810.615	12.004	5.78583	35.6358	-0.011563
1.70812	81.0622	85.1849	749.155	814.303	12.1059	5.75594	35.6851	-0.012813
1.70912	81.0622	84.2074	761.325	868.687	12.3219	5.75844	35.8332	-0.011563
1.71012	80.7888	84.2074	771.996	882.457	12.3749	5.75938	35.7345	-0.013125
1.71112	81.0622	84.2074	791.187	869.785	12.6236	5.75489	35.4878	-0.0125
1.71212	81.4724	84.3442	779.894	840.117	12.5502	5.75281	35.5885	-0.0125
1.71312	81.6826	84.6178	767.721	819.768	12.7377	5.75344	35.6358	-0.013438
1.71412	81.0622	84.6178	736.382	800.098	12.9211	5.75844	35.4878	-0.010313
1.71512	81.1989	84.6178	722.428	784.724	12.8643	5.75489	35.5885	-0.014063

1.71612	81.1989	84.481	712.148	720.807	12.7377	5.75781	36.1292	-0.011563
1.71712	81.0622	84.481	697.528	737.407	12.7458	5.75489	36.6851	-0.011563
1.71812	81.3358	84.481	709.864	750.246	12.8274	5.75344	35.3397	-0.012188
1.71912	81.0622	84.6178	711.92	743.553	12.9007	5.75489	35.4878	-0.012813
1.72012	81.0622	83.7971	690.675	751.085	13.0882	5.75437	35.1917	-0.010938
1.72112	81.1989	84.3442	686.792	758.577	12.9659	5.75408	34.8982	-0.012188
1.72212	81.3358	84.6178	705.181	779.748	12.7092	5.7525	34.1555	-0.011563
1.72312	81.3358	84.6178	731.685	852.409	12.8518	5.75312	33.8594	-0.01125
1.72412	81.0622	84.2074	782.049	861.287	12.7907	5.75281	33.3166	-0.012188
1.72512	81.1989	84.6178	787.583	834.927	12.7621	5.75094	32.9218	-0.011563
1.72612	80.7888	84.3442	770.856	882.584	12.8274	5.75489	32.5784	-0.011563
1.72712	81.3358	84.3442	772.912	889.286	12.6176	5.75489	32.379	-0.014063
1.72812	81.6091	84.2074	783.42	861.97	12.4806	5.75719	32.1817	-0.012813
1.72912	80.9255	84.6178	773.141	834.38	12.4605	5.75812	32.1817	-0.015313
1.73012	81.0622	84.6178	753.495	819.63	12.3219	5.75582	32.379	-0.013438
1.73112	81.3358	84.3442	739.104	789.581	12.3505	5.75889	32.5271	-0.012813
1.73212	81.3358	84.3442	719.915	752.977	12.2323	5.74989	33.1192	-0.010938
1.73312	80.9255	84.6178	692.274	743.417	12.1752	5.72908	33.3166	-0.013438
1.73412	80.9255	84.2074	689.99	781.523	12.2812	5.70844	33.7114	-0.01375
1.73512	81.3358	84.6178	715.803	790.947	12.465	5.68281	33.7114	-0.011875
1.73613	81.0622	83.9339	718.088	814.303	12.542	5.73158	33.7114	-0.008438
1.73713	81.1989	83.9339	712.034	829.484	12.8582	5.78281	33.4848	-0.014083
1.73813	80.5153	84.2074	728.54	831.649	12.8843	5.75489	33.7114	-0.011563
1.73913	80.9255	84.481	739.789	831.378	12.7907	5.75858	33.8087	-0.011563
1.74013	81.3358	84.481	739.789	834.38	12.8111	5.75858	34.0588	-0.0125
1.74113	81.0622	84.481	738.875	833.834	12.8887	5.75908	34.2541	-0.012813
1.74213	81.0622	84.3442	743.444	860.468	12.9211	5.78219	34.5998	-0.013125
1.74313	80.8521	84.3442	759.208	904.447	12.9089	5.78219	35.0437	-0.010313
1.74413	81.0622	83.9339	778.28	897.072	12.9904	5.74989	34.945	-0.011875
1.74513	81.0622	83.9339	784.917	888.008	13.0087	5.74813	35.3891	-0.013438
1.74613	81.0622	84.3442	742.302	888.799	12.9741	5.74844	35.3397	-0.013125
1.74713	81.0622	84.6178	724.941	848.536	13.0638	5.74594	35.4878	-0.01125
1.74813	81.1989	84.481	716.717	808.157	13.0028	5.75094	35.8358	-0.012188
1.74913	81.0622	83.9339	709.293	773.182	13.023	5.75082	35.9812	-0.014375
1.75013	80.7888	84.2074	703.924	788.304	13.0878	5.75344	36.4747	-0.011563
1.75113	81.0622	84.0706	716.26	820.449	12.8926	5.75489	36.4283	-0.010938
1.75213	81.0622	84.0706	722.199	826.732	12.9415	5.75812	36.4253	-0.012813
1.75313	81.3358	84.6178	702.554	846.127	12.9333	5.75531	36.2773	-0.011875
1.75413	80.7888	84.3442	697.528	853.092	12.7703	5.75531	36.0799	-0.013438
1.75513	81.3358	84.481	710.549	852.682	12.7051	5.75344	35.8825	-0.011563
1.75613	81.3358	84.3442	720.143	854.048	12.0407	5.75719	36.0308	-0.011583
1.75713	80.9255	84.481	724.484	850.224	12.1507	5.75437	35.8825	-0.011563
1.75813	80.2419	84.3442	731.585	843.122	12.3627	5.75187	35.2904	-0.011583
1.75913	80.7888	84.481	731.794	885.462	11.841	5.75344	35.2904	-0.013438
1.76013	81.4724	84.3442	739.789	914.144	11.8651	5.75219	35.0437	-0.012188
1.76113	80.5153	84.2074	739.803	920.164	12.0698	5.74219	35.2904	-0.012813
1.76213	80.7888	84.6178	729.385	917.569	12.1222	5.7175	35.093	-0.012813
1.76313	81.0622	84.481	725.283	891.472	12.1915	5.70094	35.4384	-0.012188
1.76413	81.0622	84.6178	720.715	880.634	12.2241	5.67856	35.8851	-0.012188
1.76513	80.9255	83.9339	709.864	808.623	12.3831	5.68719	35.9812	-0.011875
1.76613	81.1989	84.0706	700.498	779.474	12.2812	5.75844	36.5733	-0.0125
1.76713	80.7888	84.2074	697.985	807.61	12.2363	5.74219	36.5733	-0.012188

1.76813	81.0622	84.3442	713.062	829.327	12.3545	5.74844	36.9681	-0.012813
1.76913	81.1989	84.6178	710.778	848.448	12.3953	5.74563	36.7707	-0.01125
1.77013	81.1989	84.3442	698.442	873.17	12.3342	5.74469	36.4747	-0.012188
1.77113	80.5153	84.481	703.468	881.092	12.3627	5.74856	36.6201	-0.011875
1.77213	81.0622	84.6178	709.75	880.409	12.4035	5.74408	36.2279	-0.011563
1.77313	81.0622	84.481	707.465	875.082	12.3179	5.74594	36.4253	-0.010625
1.77413	80.9255	84.8913	708.98	868.75	12.2241	5.74594	36.4747	-0.011875
1.77513	81.0622	84.3442	712.605	868.389	12.273	5.74375	36.4747	-0.01375
1.77613	81.3356	84.481	713.519	922.066	12.2241	5.74281	36.672	-0.012188
1.77713	81.0622	84.6178	721.268	933.539	12.1793	5.74094	36.4747	-0.011875
1.77813	81.6091	84.481	715.348	942.69	12.0285	5.73875	36.4253	-0.014063
1.77913	81.0622	83.9339	702.44	926.164	11.9832	5.73937	36.0799	-0.012813
1.78013	80.9255	84.481	698.957	892.974	11.8899	5.74062	36.1282	-0.0125
1.78113	80.7888	84.6178	690.447	848.722	11.7594	5.74219	36.0306	-0.014063
1.78213	81.0622	84.6178	681.538	810.615	11.792	5.74219	36.2773	-0.012813
1.78313	81.1989	83.7971	678.284	795.318	11.7472	5.74813	36.7707	-0.012188
1.78413	80.2419	84.3442	682.337	831.376	11.3885	5.74844	36.8894	-0.012813
1.78513	81.1989	84.6178	691.589	803.513	11.466	5.74908	36.672	-0.013438
1.78613	80.9255	84.6178	670.344	824.273	11.2255	5.74856	36.7707	-0.011563
1.78713	80.7888	84.6178	689.202	825.366	11.1869	5.74781	36.4747	-0.012188
1.78813	80.7888	84.481	681.766	809.249	11.0339	5.74989	36.4747	-0.012188
1.78913	80.2419	84.3442	681.538	813.757	10.9931	5.75531	36.9612	-0.010938
1.79013	81.0622	84.0706	683.822	818.127	11.2866	5.74989	36.2773	-0.010313
1.79113	80.9255	84.6178	685.016	824	11.1439	5.73219	36.8851	-0.013125
1.79213	80.9255	84.3442	701.183	908.954	11.4497	5.71094	35.2904	-0.012188
1.79313	80.7888	84.6178	720.372	978.884	11.4804	5.68719	34.8956	-0.014375
1.79413	81.6091	84.2074	728.367	967.411	11.5393	5.67969	34.8463	-0.01375
1.79513	81.0622	84.3442	696.615	952.114	11.7309	5.74781	34.2541	-0.012188
1.79613	81.0622	84.8913	694.279	926.437	11.6453	5.75344	34.5996	-0.013125
1.79713	81.1989	84.2074	888.678	870.575	11.6372	5.74563	34.6982	-0.012188
1.79813	81.0622	84.6178	675.599	834.38	11.7106	5.74719	35.3891	-0.010313
1.79913	80.9255	84.6178	682.121	808.43	11.9021	5.74937	35.8825	-0.012188
1.80013	81.0622	84.481	680.979	810.069	11.8899	5.74469	36.6227	-0.011563
1.80113	81.3356	84.3442	686.118	847.492	11.8002	5.74375	36.9188	-0.012813
1.80213	81.0622	84.6178	684.405	865.248	11.8654	5.73969	37.1161	-0.013125
1.80313	80.9255	84.3442	852.528	891.472	11.8328	5.73908	36.7707	-0.016
1.80413	81.1989	84.6178	880.75	904.584	11.7594	5.74158	36.9681	-0.011875
1.80513	80.9255	84.3442	671.829	907.179	11.788	5.74094	37.3629	-0.011563
1.80613	81.0622	84.6178	672.857	904.447	11.8267	5.74158	36.672	-0.012188
1.80713	81.1989	84.6178	675.37	895.708	11.8491	5.73875	36.8894	-0.014375
1.80813	81.1989	84.6178	680.386	888.418	11.8124	5.73844	37.0174	-0.011875
1.80913	81.0622	83.9339	677.883	919.081	11.7961	5.74158	37.2642	-0.012188
1.81013	80.5153	84.3442	683.385	958.387	11.6983	5.74219	37.4122	-0.012813
1.81113	80.9255	84.0706	690.447	965.499	11.6249	5.74219	37.1161	-0.013438
1.81213	80.9255	84.481	680.852	969.05	11.47	5.74312	37.1161	-0.014063
1.81313	81.0622	84.3442	675.941	942.28	11.1317	5.74469	36.8201	-0.01375
1.81413	80.5153	84.3442	689.202	899.94	11.1806	5.74187	36.7707	-0.014063
1.81513	81.0622	84.6178	659.38	858.692	11.1725	5.74344	37.0668	-0.013438
1.81613	81.0622	85.3017	852.528	824	10.9524	5.74813	37.2642	-0.012813
1.81713	81.1989	84.6178	850.242	834.38	11.1154	5.74908	37.0668	-0.012813
1.81813	81.1989	85.3017	861.435	868.887	11.1725	5.75344	37.0668	-0.012813
1.81913	80.7888	84.2074	868.461	883.413	11.2785	5.74719	36.9188	-0.012813

1.82013	81.0622	84.6178	855.839	911.14	11.3274	5.73582	36.4747	-0.012813
1.82113	81.3358	84.6178	858.58	915.237	11.3841	5.70937	36.524	-0.010625
1.82213	80.7888	84.6178	863.72	910.593	11.4333	5.69219	35.8825	-0.010313
1.82313	80.7888	84.3442	863.263	904.037	11.4878	5.67858	35.7838	-0.011875
1.82413	81.1989	85.1849	868.69	895.708	11.5028	5.72594	35.4878	-0.013125
1.82513	81.0622	83.7971	870.459	884.779	11.4886	5.74687	34.8982	-0.015825
1.82613	81.1989	84.6178	870.573	828.437	11.5518	5.73989	36.1423	-0.012813
1.82713	81.0622	84.8913	875.941	956.758	11.5801	5.74437	35.1423	-0.012813
1.82813	80.9255	84.481	877.312	959.217	11.5719	5.74219	34.3035	-0.012813
1.82913	81.7458	84.6178	868.69	956.895	11.5719	5.73989	34.3035	-0.012813
1.83013	81.3358	84.481	863.72	930.807	11.5719	5.73844	34.4022	-0.011875
1.83113	81.0622	85.0281	881.435	889.013	11.6208	5.73844	34.8489	-0.011875
1.83213	80.9255	84.481	854.128	859.229	11.5801	5.73844	34.8489	-0.011563
1.83313	81.1989	83.9339	848.843	822.381	11.5558	5.73812	34.8483	-0.013438
1.83413	81.1989	84.6178	848.843	845.307	11.5393	5.73989	35.2904	-0.012813
1.83513	80.9255	83.9339	861.435	872.214	11.6067	5.73658	35.5985	-0.010313
1.83613	81.0622	83.9339	862.121	889.56	11.5067	5.73094	34.9943	-0.016583
1.83713	80.5153	84.3442	853.897	917.559	11.4578	5.73888	35.5985	-0.01125
1.83813	80.9255	84.6178	861.892	923.842	11.3314	5.73908	35.7838	-0.010838
1.83913	80.2419	84.6178	868.918	923.878	11.2907	5.73531	35.4878	-0.01125
1.84013	81.0622	84.8913	868.347	921.52	11.3314	5.74219	35.5985	-0.014688
1.84113	80.5153	84.481	869.202	911.549	11.2822	5.73781	35.8825	-0.012188
1.84213	80.9255	84.6178	871.487	904.993	11.1562	5.73781	36.0308	-0.011563
1.84313	80.7888	84.6178	868.659	953.207	11.0685	5.73688	36.2773	-0.011875
1.84413	80.9255	84.481	877.654	978.884	11.0178	5.73719	36.1788	-0.013438
1.84513	80.9255	84.6178	877.428	989.401	10.9524	5.73594	36.1292	-0.013438
1.84613	80.1052	84.481	867.376	983.528	10.9524	5.73781	35.8825	-0.012188
1.84713	80.7888	84.6178	863.491	950.475	10.8179	5.73438	35.7345	-0.012188
1.84813	80.9255	84.481	858.694	908.954	10.8545	5.73875	36.1788	-0.013125
1.84913	81.4724	84.2074	851.841	869.345	10.8872	5.73219	36.6227	-0.012813
1.85013	80.9255	84.3442	847.501	839.844	11.091	5.70908	36.8227	-0.0125
1.85113	80.7888	83.7971	849.214	868.389	11.3804	5.69375	36.7707	-0.011563
1.85213	80.9255	84.0706	862.82	892.584	11.3885	5.67887	36.8894	-0.013438
1.85313	80.9255	84.6178	863.035	908.954	11.2295	5.70094	36.872	-0.010938
1.85413	80.7888	84.481	854.128	884.779	11.8005	5.75158	36.5733	-0.011563
1.85513	80.7888	84.3442	850.927	878.908	11.8331	5.73719	36.4747	-0.012188
1.85613	80.7888	84.0706	860.978	884.702	11.3437	5.74158	36.376	-0.0125
1.85713	80.7888	84.3442	868.289	846.127	11.8888	5.73781	36.2773	-0.011563
1.85813	81.3358	84.3442	864.519	843.688	11.8491	5.73856	35.6358	-0.015938
1.85913	80.7888	84.3442	869.317	848.585	11.8208	5.73875	35.8332	-0.0125
1.86013	80.9255	84.481	876.055	895.842	11.7187	5.73719	35.8825	-0.01375
1.86113	81.0622	84.481	883.938	975.808	11.9308	5.73594	34.8958	-0.012813
1.86213	80.8521	84.3442	897.186	1025.48	11.7839	5.73594	34.4022	-0.010625
1.86313	80.9255	84.481	895.597	996.387	11.8165	5.72969	33.9087	-0.012188
1.86413	80.7888	84.6178	871.487	987.958	12.0448	5.72813	33.7114	-0.011875
1.86513	80.7888	84.481	866.004	917.559	11.8002	5.72887	33.4648	-0.013125
1.86613	80.7888	84.481	867.832	859.102	11.7309	5.72969	33.9087	-0.012188
1.86713	80.8521	84.481	855.953	831.239	11.7757	5.73219	34.2541	-0.013438
1.86813	80.7888	84.6178	851.813	857.873	11.7554	5.72908	34.4515	-0.013438
1.86913	81.1989	84.3442	870.23	878.633	11.8688	5.72989	34.8958	-0.01125
1.87013	81.0622	84.6178	868.088	901.715	11.8287	5.73344	34.9943	-0.014083
1.87113	81.0622	84.6178	857.085	931.784	11.4048	5.73125	35.5985	-0.011563

1.87213	80.9255	84.2074	885.89	937.91	10.8484	5.73187	35.4384	-0.010825
1.87313	81.0622	84.6178	878.882	936.178	11.0339	5.73219	35.8332	-0.01375
1.87413	80.9255	85.0281	880.51	932.173	10.8768	5.73219	35.9812	-0.011583
1.87514	81.0622	84.481	881.538	918.788	10.8709	5.73094	36.0789	-0.013438
1.87614	80.7888	84.6178	887.02	913.325	11.0178	5.72989	36.2773	-0.01125
1.87714	80.2419	84.3442	889.305	987.848	11.0178	5.73125	36.2773	-0.012188
1.87814	80.7888	84.3442	888.158	987.489	11.0991	5.72594	36.378	-0.011583
1.87914	80.9255	84.6178	890.875	999.508	11.0502	5.70594	36.524	-0.012813
1.88014	81.0622	84.0708	884.279	981.723	11.2295	5.88344	36.4747	-0.012188
1.88114	81.0622	84.6178	883.023	958.943	11.3681	5.88489	36.7214	-0.014063
1.88214	80.2419	84.2074	877.883	916.193	11.3111	5.85344	37.3629	-0.013125
1.88314	80.2419	84.6178	870.344	878.087	11.4007	5.71844	37.2148	-0.011875
1.88414	81.3358	84.6178	886.004	851.043	11.3192	5.73531	37.4815	-0.011875
1.88514	80.7888	84.481	889.888	883.55	11.1847	5.72281	37.7578	-0.011583
1.88614	80.9255	84.6178	882.808	903.481	11.2703	5.72908	37.7578	-0.011875
1.88714	80.5153	84.6178	880.281	928.622	11.2132	5.72989	37.7083	-0.011875
1.88814	81.0622	84.6178	878.811	950.885	11.2977	5.73281	37.8583	-0.011583
1.88914	80.9255	84.481	887.82	954.846	11.3881	5.73219	37.8588	-0.011583
1.89014	80.7888	84.3442	891.589	950.086	11.307	5.72937	37.3629	-0.012813
1.89114	81.0622	84.6178	892.048	943.783	11.254	5.72875	37.7578	-0.010938
1.89214	80.7888	84.481	895.472	930.807	11.1768	5.72719	37.5802	-0.014375
1.89314	81.1988	84.6178	899.358	928.212	11.1989	5.72281	37.8583	-0.013438
1.89414	80.7888	84.481	899.813	980.933	11.1989	5.72489	37.5802	-0.01125
1.89514	80.9255	84.6178	709.293	994.728	11.0828	5.72489	37.1655	-0.012188
1.89614	80.9255	84.0708	703.488	996.387	11.0708	5.72531	36.8884	-0.012813
1.89714	80.2419	84.3442	693.988	981.07	11.1195	5.71908	36.4747	-0.013125
1.89814	80.9255	84.8913	692.18	947.744	10.9157	5.71889	36.2773	-0.012188
1.89914	80.2419	84.481	691.381	909.637	10.878	5.72344	36.378	-0.012813
1.90014	80.7888	84.3442	688.107	881.811	10.9198	5.71989	36.8201	-0.011875
1.90114	80.9255	84.3442	684.185	880.184	10.8815	5.72281	36.672	-0.013125
1.90214	80.7888	84.2074	689.781	898.389	10.7241	5.72658	37.3629	-0.008375
1.90314	81.0622	84.6178	700.841	918.803	10.72	5.72408	37.2642	-0.012813
1.90414	80.7888	84.0708	697.985	941.481	10.6059	5.72489	37.8583	-0.011583
1.90514	80.7888	84.2074	695.244	980.309	10.5855	5.72408	37.8583	-0.011875
1.90614	81.1988	84.481	705.087	982.495	10.4308	5.72989	37.955	-0.011583
1.90714	80.7888	84.8913	708.493	981.402	10.4873	5.72489	38.103	-0.012188
1.90814	81.0622	84.6178	707.808	957.031	10.5203	5.72219	38.3498	-0.010838
1.90914	80.7888	84.6178	710.778	947.47	10.5244	5.70858	38.5471	-0.010838
1.91014	80.9255	84.3442	713.29	948.851	10.6507	5.68218	38.3891	-0.012188
1.91114	80.7888	84.2074	712.377	989.645	10.7445	5.68489	38.6458	-0.0125
1.91214	80.9255	84.6178	721.057	1017.67	10.7241	5.64844	38.8952	-0.013125
1.91314	80.3788	84.481	718.318	1029.83	10.8545	5.71781	38.8952	-0.010825
1.91414	81.0622	85.1848	709.884	1022.32	10.7893	5.72625	38.6965	-0.013125
1.91514	80.7888	84.6178	708.379	989.538	10.9768	5.71812	38.5985	-0.012813
1.91614	81.0622	84.6178	703.924	948.153	11.0013	5.72094	38.5471	-0.011583
1.91714	80.7888	84.3442	687.3	911.003	10.9524	5.72094	39.0408	-0.012813
1.91814	81.0622	84.6178	695.701	882.594	11.0339	5.72219	39.2873	-0.012188
1.91914	80.7888	84.6178	699.584	914.144	10.9524	6.71781	39.238	-0.012188
1.92014	81.1988	84.3442	712.833	935.178	10.8808	6.71937	39.4847	-0.011583
1.92114	80.7888	84.6178	712.805	958.26	11.0339	5.72094	39.534	-0.012813
1.92214	81.0622	84.3442	708.95	975.88	11.0747	5.71781	39.388	-0.010625
1.92314	80.8521	84.481	715.575	930.807	11.0178	5.71989	39.1888	-0.012188

1.92414	80.7888	84.6178	706.038	920.427	11.0013	5.71719	39.3368	-0.009063
1.92514	81.3356	84.481	714.433	906.223	10.832	5.71562	39.238	-0.011875
1.92614	80.9255	84.3442	726.311	879.882	10.8279	5.71937	39.4353	-0.011875
1.92714	80.7888	84.6178	720.143	881.911	10.8749	5.71719	38.9912	-0.012188
1.92814	80.9255	84.3442	720.372	925.344	10.8545	5.72094	38.7445	-0.012813
1.92914	80.5153	84.6178	735.106	944.602	10.7771	5.71906	38.3498	-0.014375
1.93014	81.0622	84.2074	733.164	1014.4	10.867	5.71719	37.6096	-0.011553
1.93114	80.7888	83.7971	741.845	1057.56	10.6793	5.71906	38.9681	-0.012188
1.93214	80.7888	84.3442	745.5	1008.25	10.5162	5.71989	36.4747	-0.011875
1.93314	80.5153	84.481	721.057	984.348	10.4062	5.71812	38.1786	-0.012813
1.93414	80.7888	84.6178	717.174	936.134	10.3899	5.71969	38.2773	-0.012813
1.93514	80.7888	84.6178	723.227	883.823	10.3165	5.72261	36.4253	-0.010313
1.93614	81.0622	84.6178	713.062	887.481	9.97412	5.72187	36.7214	-0.013438
1.93714	80.9255	84.6178	721.514	924.798	9.95781	5.72312	37.2642	-0.013438
1.93814	81.0622	84.6178	730.08	939.139	10.023	5.72219	37.5802	-0.012813
1.93914	81.3356	84.3442	723.57	970.143	9.9089	5.70594	37.4615	-0.010625
1.94014	80.7888	84.0708	721.828	984.621	9.93336	5.68687	37.8563	-0.010938
1.94114	80.9255	84.481	728.139	984.757	10.1048	5.68489	38.0043	-0.011583
1.94214	80.9255	84.6178	736.591	979.704	10.1249	5.65156	38.103	-0.012188
1.94314	81.0622	84.6178	738.19	969.597	10.1494	5.71219	38.3498	-0.011583
1.94414	81.3356	84.6178	739.104	960.036	10.2024	5.72489	38.4978	-0.013125
1.94514	80.7888	84.481	743.215	999.918	10.129	5.71844	38.4484	-0.012813
1.94614	80.7888	84.3442	752.124	1030.79	10.2309	5.71844	38.4484	-0.011875
1.94714	80.7888	84.481	748.928	1042.8	10.345	5.71719	38.3498	-0.013125
1.94814	80.7888	84.3442	739.56	1042.67	10.3776	5.71719	39.0406	-0.011583
1.94914	80.6521	84.3442	738.847	1013.85	10.388	5.71489	39.3498	-0.013438
1.95014	80.9255	84.6178	736.134	974.514	10.4225	5.71656	38.3498	-0.013438
1.95114	80.9255	84.6178	729.738	935.724	10.4877	5.71438	38.6458	-0.012188
1.95214	80.9255	84.3442	724.828	901.306	10.3084	5.71344	38.7445	-0.012813
1.95314	80.9255	84.6178	726.063	918.788	10.1535	5.71406	39.1393	-0.012813
1.95414	80.6521	84.481	737.278	947.47	10.3736	5.71469	39.2873	-0.012188
1.95514	80.7888	84.2074	739.56	964.953	10.4143	5.71489	39.1393	-0.011875
1.95614	81.0622	84.6178	733.821	989.285	10.1983	5.71719	39.238	-0.011583
1.95714	80.6521	84.3442	742.844	995.274	10.1881	5.71844	38.7939	-0.009376
1.95814	80.5153	84.0708	747.099	995.684	10.3328	5.71531	38.7939	-0.011875
1.95914	80.9255	84.481	748.241	988.718	10.2921	5.71564	38.8432	-0.012813
1.96014	81.0622	84.6178	750.982	978.338	10.1535	5.71969	38.7445	-0.013438
1.96114	80.6521	84.3442	753.267	967.138	10.1453	5.71969	38.4484	-0.013438
1.96214	80.7888	85.1649	752.467	1001.89	10.1698	5.71719	38.2511	-0.01375
1.96314	81.1989	84.6178	759.434	1035.02	10.1127	5.71594	38.0043	-0.0125
1.96414	80.6521	84.3442	761.033	1035.43	10.0864	5.71969	37.6589	-0.01375
1.96514	80.7888	84.2074	749.812	1028.82	9.84369	5.71656	37.1655	-0.011583
1.96614	80.7888	84.481	744.015	995.821	9.93743	5.71562	36.9168	-0.012188
1.96714	80.6521	84.6178	743.215	951.978	9.99858	5.71489	36.7707	-0.011583
1.96814	80.6521	84.3442	738.19	923.022	9.72548	5.71312	36.2773	-0.012188
1.96914	80.7888	84.6178	735.449	887.481	9.57467	5.70406	36.672	-0.012813
1.97014	80.2419	84.3442	737.733	812.779	8.88064	5.67969	37.2642	-0.011583
1.97114	81.0622	84.6178	748.013	847.47	8.58282	5.66344	36.9168	-0.012813
1.97214	80.7888	84.2074	752.895	983.041	8.59097	5.64906	37.1161	-0.011583
1.97314	80.7888	83.9339	746.071	986.533	8.73363	5.68837	37.1655	-0.010625
1.97414	81.3356	84.481	753.267	990.084	8.83553	5.71937	37.1655	-0.013125
1.97514	80.9255	84.0708	758.178	987.079	8.74178	5.70844	37.4615	-0.0125

1.97614	80.7888	84.481	758.749	982.982	9.87249	5.71312	37.8683	-0.011563
1.97714	80.9255	84.3442	761.033	975.88	10.023	5.71094	37.9057	-0.011875
1.97814	80.7888	84.3442	762.861	965.773	9.95781	5.70989	38.2017	-0.013438
1.97914	80.7888	84.3442	760.805	995.684	9.81108	5.70719	38.1524	-0.008688
1.98014	81.0822	84.6178	765.945	1039.39	10.0393	5.70844	38.0043	-0.012813
1.98114	80.9255	84.2074	769.714	1047.72	10.0393	5.70719	37.8583	-0.013125
1.98214	81.3356	84.3442	759.883	1054.98	9.85999	5.70594	38.0043	-0.013438
1.98314	81.3356	84.6178	765.323	1029.28	9.99042	5.70489	37.4815	-0.014083
1.98414	80.7888	85.1649	752.124	988.445	10.1048	5.70344	37.6689	-0.012188
1.98514	80.7888	84.6178	744.929	949.108	9.97412	5.70156	37.965	-0.012813
1.98614	80.7888	84.481	740.246	912.605	9.99042	5.70406	38.2511	-0.013125
1.98714	80.7888	84.3442	740.017	910.047	9.98858	5.70594	38.2511	-0.010938
1.98814	80.2419	84.3442	749.155	947.197	9.95781	5.70719	38.4484	-0.012188
1.98914	80.7888	84.6178	758.835	960.856	9.9089	5.70719	38.4484	-0.0125
1.99014	81.0822	84.481	761.896	967.489	9.9089	5.71219	38.5471	-0.01125
1.99114	80.7888	84.481	757.15	994.182	9.89667	5.71156	38.3004	-0.013438
1.99214	80.7888	83.9803	762.632	954.3	9.9089	5.70906	38.7939	-0.011563
1.99314	81.1989	84.481	752.81	939.958	9.81515	5.71082	38.7445	-0.013125
1.99414	80.9255	85.0281	758.977	925.891	9.77847	5.71094	38.3498	-0.014083
1.99514	80.7888	84.6178	769.029	895.589	9.76216	5.71344	38.6952	-0.014083
1.99614	81.3356	84.6178	759.891	912.232	9.72956	5.70844	38.5471	-0.012813
1.99714	80.9255	84.6178	761.033	952.251	9.68472	5.71125	38.3498	-0.012813
1.99814	81.1989	84.3442	771.998	958.124	9.6032	5.71156	37.7083	-0.012188
1.99914	80.9255	84.6178	765.374	1011.86	9.57059	5.70406	37.8589	-0.012813
2.00014	81.1989	84.3442	771.656	1051.82	9.48499	5.67989	36.9188	-0.012813
2.00114	81.3356	84.6178	779.879	1004.43	9.40347	5.65656	36.7707	-0.010313
2.00214	80.7888	84.481	757.038	982.709	9.33418	5.63844	36.0799	-0.013125
2.00314	80.5153	84.6178	749.497	943.373	9.30664	5.62989	36.4253	-0.013438
2.00414	81.0822	84.2074	755.437	904.857	9.22412	5.70489	37.0888	-0.01125
2.00514	81.1989	84.481	753.152	927.803	9.17521	5.70719	37.0888	-0.01125
2.00614	81.0822	84.3442	757.721	940.095	9.11815	5.70344	37.0174	-0.010938
2.00714	80.9255	84.0706	758.635	963.587	8.94695	5.70187	36.9681	-0.01125
2.00814	80.6521	84.481	760.12	984.075	8.87358	5.69969	37.2642	-0.011875
2.00914	80.2419	84.6178	758.977	995.274	8.82875	5.70062	37.6096	-0.014083
2.01014	80.9255	84.6178	759.863	985.547	8.73092	5.6975	37.807	-0.012188
2.01114	80.7888	84.6178	767.772	985.167	8.64087	5.69781	37.965	-0.012813
2.01214	80.7888	84.3442	769.942	973.148	8.97958	5.69719	38.7445	-0.011875
2.01314	80.7888	84.8913	769.143	975.806	8.96328	5.69656	38.4979	-0.01375
2.01415	80.7888	84.3442	773.597	1026.87	8.91434	5.69438	38.8925	-0.012813
2.01515	81.0822	84.3442	763.534	1041.58	9.057	5.69219	38.7939	-0.011563
2.01615	80.7888	84.3442	773.255	1056.19	9.08554	5.69094	38.3004	-0.013125
2.01715	80.5153	84.2074	765.374	1042.8	9.00402	5.69469	38.5471	-0.011875
2.01815	80.7888	84.481	764.346	1008.93	9.06861	5.69219	38.5985	-0.012813
2.01915	80.7888	84.6178	760.919	989.05	9.15891	5.69375	38.8925	-0.013125
2.02015	81.0822	85.0281	754.18	931.354	9.08961	5.69406	38.1888	-0.012813
2.02115	80.7888	85.0281	750.982	908.271	9.09389	5.69656	39.4353	-0.010625
2.02215	80.7888	84.3442	755.094	941.734	9.1428	5.69656	39.7314	-0.011563
2.02315	81.3356	84.6178	768.059	957.987	9.10184	5.69694	39.6327	-0.010313
2.02415	80.6521	84.481	761.033	981.753	9.08148	5.69812	39.534	-0.011875
2.02515	80.1052	84.6178	758.749	999.845	9.12222	5.70125	39.534	-0.014375
2.02615	80.7888	85.0281	768.343	1002.38	9.1263	5.70187	39.6327	-0.012813
2.02715	80.2419	84.6178	771.77	1003.74	9.07738	5.70281	39.6821	-0.011563

2.02815	81.3358	84.481	773.141	986.777	9.07738	5.70563	39.7314	-0.013438
2.02815	81.0822	84.481	775.198	984.821	9.09389	5.70594	39.4847	-0.014083
2.03015	80.6521	84.0708	774.397	980.25	9.02847	5.70281	39.3356	-0.01375
2.03115	80.7888	85.1849	773.141	1028.05	8.98384	5.68719	39.3386	-0.012188
2.03215	80.7888	84.481	781.593	1045.81	8.98771	5.68408	39.0406	-0.012813
2.03315	80.7888	84.3442	777.938	1047.18	8.98819	5.63968	38.5471	-0.011875
2.03415	81.0822	84.3442	767.43	1033.52	8.88581	5.62469	38.2511	-0.010313
2.03515	80.7888	84.3442	764.003	995.821	8.84505	5.68594	37.807	-0.013438
2.03615	80.8521	84.481	781.378	957.578	8.83282	5.70313	37.6589	-0.014375
2.03715	80.8521	84.3442	758.122	929.715	8.7513	5.69719	38.1524	-0.012813
2.03815	80.5153	83.7971	754.637	908.408	8.73092	5.69908	38.0049	-0.012813
2.03915	80.2419	84.8178	758.292	939.198	8.71054	5.69844	38.2511	-0.011563
2.04015	80.2419	84.8178	770.285	965.498	8.57195	5.69187	38.3991	-0.012813
2.04115	80.6521	84.3442	788.914	988.123	8.58011	5.68844	38.5471	-0.010938
2.04215	80.2419	84.3442	785.374	1005.86	8.48228	5.68719	38.6458	-0.014083
2.04315	80.2419	84.8178	773.389	1005.83	8.53527	5.68719	38.9419	-0.012188
2.04415	80.2419	84.8178	776.795	1002.24	8.60456	5.68489	38.8925	-0.013125
2.04515	80.6521	84.0708	776.11	987.586	8.62494	5.68437	38.368	-0.012813
2.04615	80.7888	84.8178	778.395	987.828	8.6657	5.68166	38.0408	-0.012188
2.04715	80.7888	84.8178	778.851	984.075	8.70238	5.68584	38.6327	-0.013438
2.04815	80.2419	84.481	774.74	1028.82	8.735	5.68625	40.1262	-0.010938
2.04915	80.2419	84.481	781.935	1059.74	8.80837	5.68531	39.7808	-0.013438
2.05015	81.3358	84.8178	782.049	1070.87	8.79208	5.68888	39.7808	-0.011563
2.05115	80.7888	84.3442	772.884	1072.31	8.86135	5.68781	39.6327	-0.012813
2.06215	80.9255	84.8178	788.343	1043.35	8.93065	5.68812	39.534	-0.0125
2.06315	80.7888	84.8178	784.117	1003.2	8.95918	5.68781	39.8821	-0.012188
2.06415	80.7888	84.8913	757.264	985.773	8.98328	5.68869	39.8821	-0.012188
2.06515	80.6521	85.0281	752.353	931.627	8.01217	5.69218	40.4222	-0.012813
2.06615	80.7888	84.8178	754.18	942.863	8.02847	5.69344	40.3729	-0.010313
2.06715	80.7888	84.8178	764.688	973.284	8.86328	5.68869	40.1755	-0.012813
2.06815	80.6521	84.8913	770.856	990.494	9.07331	5.69438	40.5209	-0.012188
2.06915	81.0822	84.8178	765.145	1016.44	9.07738	5.68844	40.9157	-0.011875
2.07015	80.9255	84.8178	771.656	1021.09	9.09389	5.68869	40.4716	-0.013438
2.07115	81.0822	84.2074	776.587	988.172	9.02847	5.70094	40.3729	-0.015313
2.07215	80.7888	84.3442	768.343	968.885	9.00402	5.69094	40.5209	-0.012188
2.07315	80.2419	84.8178	771.77	955.939	9.17521	5.68489	40.9157	-0.010625
2.07415	80.6521	84.3442	782.983	924.115	8.99586	5.64489	40.9157	-0.011563
2.07515	80.7888	84.481	772.684	943.919	8.98771	5.62781	40.5209	-0.012813
2.07615	80.2419	84.8178	772.912	979.84	9.21189	5.67489	40.4716	-0.012188
2.07715	80.7888	83.7971	782.049	983.255	9.02847	5.70866	39.9288	-0.014083
2.07815	80.5153	84.8178	773.828	1027.51	8.97548	5.68937	39.1393	-0.01625
2.07915	80.2419	84.8178	780.222	1070.87	9.13853	5.68489	38.6458	-0.014083
2.07015	80.7888	84.3442	789.359	1027.78	8.99586	5.69312	38.8432	-0.010625
2.07115	80.7888	84.8178	787.886	1007.02	8.94895	5.69219	38.5965	-0.010938
2.07215	80.2419	84.8178	780.12	972.055	8.95818	5.68408	38.3488	-0.010938
2.07315	80.7888	84.3442	765.488	940.085	8.95818	5.69344	38.6458	-0.010625
2.07415	81.3358	84.8178	784.688	984.543	8.87358	5.68844	38.8432	-0.012188
2.07515	80.2419	84.481	768.229	978.972	8.80021	5.68781	39.0406	-0.011875
2.07615	80.6521	84.3442	767.43	1002.38	8.75538	5.68719	39.238	-0.013125
2.07715	80.6521	84.8178	770.856	1020.13	8.88608	5.68489	39.7808	-0.014083
2.07815	80.7888	84.3442	769.486	1029.42	8.75845	5.67989	39.9781	-0.012188
2.07915	80.7888	85.1849	768.001	1028.05	8.58828	5.67594	39.7314	-0.015625

2.08015	80.7888	84.8178	774.511	1018.77	8.52304	5.88281	40.4222	-0.012813
2.08115	81.0822	84.481	777.481	1007.84	8.57195	5.88908	41.3104	-0.011875
2.08215	80.8521	84.2074	776.567	1013.17	8.48228	5.88719	40.8683	-0.012813
2.08315	79.9686	84.8178	780.222	1064.38	8.09098	5.88969	40.9157	-0.012188
2.08415	80.9255	84.8178	789.245	1078.73	8.43337	5.88656	40.965	-0.013125
2.08515	80.5153	84.481	779.765	1095.53	8.42522	5.88908	40.7183	-0.013125
2.08615	80.5153	84.8178	771.998	1080.77	8.12359	5.88781	40.5209	-0.012813
2.08715	80.8521	84.3442	770.399	1047.18	8.36	5.88594	40.6198	-0.012813
2.08815	80.8521	84.481	766.859	1009.21	8.36815	5.88969	40.817	-0.012188
2.08915	80.3788	85.0281	781.378	970.689	8.27033	5.89281	41.1131	-0.012188
2.09015	81.0822	84.8178	758.292	947.334	8.39281	5.89187	41.5572	-0.012188
2.09115	80.7888	84.481	781.378	980.88	8.3783	5.89187	41.7052	-0.015313
2.09215	80.7888	84.481	771.998	998.418	8.42522	5.89156	42.1988	-0.01375
2.09315	80.5153	85.0281	766.973	1022.45	8.39688	5.88489	41.6559	-0.013438
2.09415	80.7888	84.8913	764.688	1039.12	8.47005	5.88489	41.6065	-0.011563
2.09515	80.2419	84.3442	772.684	1040.62	8.43337	5.84844	41.4585	-0.011563
2.09615	80.5153	83.7971	776.11	1041.17	8.40076	5.83125	41.5078	-0.013125
2.09715	80.2419	84.8178	777.481	1035.02	8.47413	5.86375	41.3104	-0.010625
2.09815	80.5153	84.8178	778.395	1023.14	8.41706	5.70437	41.6065	-0.012813
2.09915	80.8521	84.8178	777.481	1017.95	8.36815	5.89187	41.4091	-0.012813
2.10015	80.7888	84.0706	774.283	1061.11	8.44152	5.89719	41.2117	-0.011563
2.10115	80.7888	84.481	781.935	1081.59	8.36	5.88969	40.817	-0.012188
2.10215	80.7888	84.8178	780.222	1084.33	8.30293	5.88908	40.6196	-0.015313
2.10315	80.7888	84.3442	769.257	1071.76	8.41706	5.88856	40.6198	-0.011875
2.10415	80.1052	84.8178	765.031	1035.98	8.31109	5.88625	39.6327	-0.010938
2.10515	80.8521	83.9339	762.632	996.367	8.24179	5.88719	39.386	-0.011563
2.10615	80.5153	84.3442	757.378	971.236	8.36	5.88084	39.4353	-0.010313
2.10715	80.3788	84.8178	756.35	948.29	8.23772	5.88489	39.534	-0.012813
2.10815	80.8521	84.481	759.549	973.894	8.22549	5.88156	39.8288	-0.011875
2.10915	80.9255	84.0706	769.942	1004.56	8.27033	5.88219	40.0275	-0.012813
2.11015	81.0822	84.8178	771.085	1024.09	8.10728	5.87969	40.3235	-0.011875
2.11115	81.1989	83.9339	765.602	1043.82	8.09913	5.87969	40.4222	-0.012188
2.11215	80.8521	84.8178	773.712	1043.82	8.14804	5.88344	40.5209	-0.009375
2.11315	80.7888	84.481	774.74	1038.98	7.97685	5.87969	40.6196	-0.014063
2.11415	81.3356	84.8178	775.425	1037.2	8.01353	5.88489	41.3104	-0.012813
2.11515	80.7888	84.8178	777.138	1026.6	7.99723	5.88281	41.5078	-0.012813
2.11615	80.9255	84.8178	777.138	1022.45	7.90348	5.88219	41.8039	-0.011563
2.11715	80.2419	84.8178	771.658	1053.05	7.90348	5.88489	41.6065	-0.012813
2.11815	80.3788	84.481	775.882	1097.44	7.85457	5.88719	41.5572	-0.011563
2.11915	80.7888	84.8178	780.222	1108.18	7.72413	5.88719	41.4585	-0.01375
2.12015	80.7888	84.8178	770.628	1114.1	7.89968	5.88489	41.3598	-0.011563
2.12115	80.2419	84.481	766.059	1090.89	7.71598	5.88563	41.1131	-0.012188
2.12215	80.5153	84.8178	763.88	1051	7.74044	5.88656	41.2611	-0.009688
2.12315	80.8521	84.8178	756.922	1013.85	7.76489	5.89156	41.5572	-0.008125
2.12415	80.8521	84.8913	751.211	978.338	7.81381	5.88094	41.7052	-0.013438
2.12515	80.2419	84.8178	751.668	972.328	7.87495	5.85656	42.2973	-0.014063
2.12615	81.0822	84.8178	760.12	1010.84	7.8831	5.89781	41.9519	-0.013438
2.12715	80.9255	84.3442	769.257	1023.82	7.88718	5.81969	42.1988	-0.013125
2.12815	80.7888	84.481	764.46	1052.37	7.95239	5.83219	41.6065	-0.012813
2.12915	80.7888	84.8178	767.43	1080.29	7.985	5.70344	42.1	-0.011875
2.13015	80.9255	84.8178	773.826	1032.15	8.00946	5.88719	42.0013	-0.011563
2.13115	80.7888	84.0706	767.889	1004.97	7.98093	5.88084	42.0506	-0.013438

2.13215	81.3356	84.6178	767.43	999.099	8.08652	5.88937	42.398	-0.011875
2.13315	80.7888	84.6178	779.765	985.773	8.02576	5.88989	42.398	-0.01125
2.13415	80.7888	84.6178	772.912	989.324	8.05837	5.88906	42.1986	-0.010938
2.13515	81.0622	85.0281	766.059	1011.12	8.10728	5.88594	42.1	-0.015319
2.13615	81.0622	84.6178	777.252	1017.4	8.04207	5.88469	41.9519	-0.012813
2.13715	80.5153	84.6178	772.227	1060.29	8.11136	5.88594	41.1131	-0.0125
2.13815	80.7888	84.3442	774.168	1113.28	8.09913	5.88469	40.5703	-0.012813
2.13915	80.9255	84.0706	784.791	1075.72	8.08263	5.87844	40.1262	-0.012813
2.14015	80.6521	84.6178	765.602	1053.19	8.04207	5.87989	39.8301	-0.011583
2.14115	80.7888	84.481	756.008	1021.36	7.99723	5.87844	39.8266	-0.0125
2.14215	80.2419	84.481	761.033	974.787	8.05022	5.87989	40.0275	-0.012813
2.14315	80.7888	83.9339	756.922	993.808	8.04614	5.87875	40.4222	-0.013125
2.14415	80.5153	83.9339	762.176	1010.43	7.94832	5.88158	40.6196	-0.014083
2.14515	80.7888	84.6178	765.259	1029.69	7.93609	5.88125	40.9157	-0.009083
2.14615	80.6521	84.8913	764.232	1054.82	7.91163	5.87908	40.7676	-0.014688
2.14715	79.8318	84.481	764.574	1067.12	7.89533	5.87989	41.7545	-0.013438
2.14815	80.7888	84.6178	765.631	1066.76	7.82196	5.88375	41.4091	-0.013438
2.14915	80.5153	84.6178	771.656	1061.11	7.90348	5.88469	41.9026	-0.011875
2.15015	80.6521	84.481	775.196	1050.73	7.78527	5.88469	41.9519	-0.0125
2.15115	80.1052	84.6178	773.826	1040.35	7.78489	5.88594	42.398	-0.012188
2.15215	80.2419	84.2074	774.511	1079.41	7.78489	5.88719	42.8427	-0.012813
2.15315	81.1989	84.481	763.077	1113.83	7.58962	5.88937	42.1986	-0.011583
2.15415	80.2419	84.6178	761.593	1126.58	7.64261	5.88781	42.4947	-0.0125
2.15515	80.7888	84.0706	771.085	1130.78	7.61816	5.88167	42.2973	-0.012813
2.15615	80.5153	85.0281	769.257	1103.45	7.58109	5.85969	42.4454	-0.007813
2.15715	80.1052	84.6178	767.201	1065.48	7.45104	5.83761	42.3467	-0.012813
2.15815	80.5153	84.6178	761.033	1027.76	7.41435	5.82063	42.5934	-0.011875
2.15915	80.6521	84.6178	755.694	993.489	7.39544	5.81687	43.2842	-0.013125
2.16015	80.9255	84.3442	756.008	1000.46	7.33263	5.89375	43.4816	-0.010825
2.16115	80.5153	84.6178	764.003	1034.06	7.30022	5.88844	43.3829	-0.012188
2.16215	81.0622	84.0706	767.201	1047.99	7.14533	5.88687	43.3829	-0.012813
2.16315	80.7888	84.3442	761.033	1073.4	7.1005	5.88656	43.2842	-0.012188
2.16415	80.2419	85.1649	767.315	1079.14	6.83555	5.88281	43.1362	-0.011583
2.16515	80.7888	84.6178	772.456	1080.77	6.8437	5.88406	42.9388	-0.014083
2.16615	80.5153	84.0706	774.054	1076.95	6.72142	5.88531	43.3336	-0.012188
2.16715	80.5153	84.6178	776.11	1066.84	6.77034	5.88281	43.1362	-0.010938
2.16815	80.7888	84.3442	775.996	1053.73	6.7255	5.88313	42.7908	-0.012188
2.16915	80.6521	84.6178	773.826	1065.75	6.55838	5.87908	43.3829	-0.011875
2.17015	80.2419	84.6178	773.94	1114.65	6.57468	5.87989	42.5934	-0.011875
2.17115	80.7888	83.9339	761.593	1118.2	6.5543	5.87989	42.2973	-0.011583
2.17215	80.9255	84.6178	773.94	1118.2	6.68436	5.88219	42.0013	-0.0125
2.17315	80.7888	83.9339	765.145	1092.93	6.60322	5.87719	41.5078	-0.011875
2.17415	80.6521	84.6178	763.318	1053.05	6.60729	5.87531	41.0144	-0.011583
2.17515	80.2419	84.6178	759.891	1025.05	6.59914	5.87812	41.2811	-0.010938
2.17615	80.7888	84.481	756.008	1001.83	6.59507	5.87719	41.6065	-0.014083
2.17715	80.2419	84.6178	756.922	991.86	6.68436	5.87937	41.9519	-0.013438
2.17815	80.7888	84.481	761.947	1032.97	6.61545	5.87812	41.9519	-0.010825
2.17915	81.0622	84.0706	770.285	1051	6.63175	5.87989	42.1493	-0.014083
2.18015	80.7888	84.3442	765.374	1072.72	6.62767	5.88281	42.398	-0.012188
2.18115	80.7888	84.2074	764.917	1064.6	6.59914	5.88344	42.8401	-0.012188
2.18215	80.9255	84.481	770.285	1061.05	6.56653	5.88406	42.7414	-0.013438
2.18315	80.6521	84.3442	772.798	1079.96	6.538	5.88594	42.5934	-0.011583

2.18418	80.5153	84.481	771.988	1076.13	6.55023	5.88489	43.0375	-0.0125
2.18518	80.7888	84.3442	773.369	1089.03	6.61137	5.88344	43.3629	-0.011875
2.18618	80.2419	83.9339	771.065	1086.3	6.54815	5.88344	43.4323	-0.013125
2.18718	80.7888	84.6178	786.973	1114.37	6.51762	5.87094	43.7777	-0.013438
2.18818	80.2419	85.1649	775.539	1140.87	6.58246	5.84658	43.879	-0.011875
2.18918	80.6521	84.6178	776.91	1153.9	6.55838	5.82937	43.531	-0.010313
2.19018	80.7888	84.2074	786.287	1151.25	6.52985	5.81594	43.2349	-0.012813
2.19118	80.6521	84.481	783.546	1120.11	6.47278	5.87281	43.1855	-0.011583
2.19218	80.7888	84.3442	759.777	1082	6.53982	5.88781	43.4323	-0.012813
2.19318	81.1989	84.481	752.353	1045.81	6.48094	5.87969	43.3829	-0.012813
2.19418	80.7888	84.3442	749.84	1012.76	6.48094	5.88719	43.7283	-0.01375
2.19518	80.2419	85.0281	750.982	1024.78	6.46871	5.87969	44.1724	-0.011875
2.19618	80.6521	84.6178	760.12	1067.01	6.41979	5.88219	44.0737	-0.014083
2.19718	80.5153	84.3442	764.232	1073.4	6.41979	5.88156	43.9751	-0.011583
2.19818	80.7888	85.0281	757.607	1098.53	6.37803	5.87969	44.1231	-0.012188
2.19918	80.2419	84.6178	762.747	1078.59	6.33827	5.87969	43.7777	-0.012813
2.20018	80.5153	84.6178	760.577	1042.53	6.32197	5.87844	43.7777	-0.011875
2.20118	80.7888	84.481	756.893	1043.08	6.28936	5.87875	43.7777	-0.013125
2.20218	80.5153	84.6178	769.714	1011.39	6.30686	5.87781	43.7777	-0.011875
2.20318	80.5153	84.481	768.973	1000.74	6.22822	5.87687	44.2711	-0.012188
2.20418	80.5153	84.481	760.005	1017.4	6.2323	5.87594	43.8784	-0.011875
2.20518	80.6521	84.3442	765.145	1053.19	6.19969	5.88094	43.531	-0.012188
2.20618	80.2419	84.6178	771.427	1082.41	6.18338	5.87969	42.9388	-0.010938
2.20718	79.9885	84.481	768.343	1158.71	6.16708	5.87719	42.1986	-0.011583
2.20818	80.2419	84.6178	778.395	1140.46	6.13855	5.87531	41.8532	-0.012188
2.20918	80.7888	83.7971	768.973	1107.27	6.10186	5.87812	41.5078	-0.011875
2.21018	80.8255	84.0706	752.353	1081.87	6.07333	5.87969	41.5078	-0.012188
2.21118	80.6521	84.3442	758.236	1030.24	6.03664	5.88156	41.4585	-0.011583
2.21218	80.2419	84.6178	751.668	1004.43	5.93882	5.87969	41.7545	-0.013125
2.21318	80.2419	84.6178	748.185	1034.08	5.98388	5.88489	41.9519	-0.014083
2.21418	80.5153	84.481	757.835	1049.38	5.89398	5.88625	42.6821	-0.014083
2.21518	80.5153	84.8913	757.95	1073.95	5.80023	5.88719	42.0013	-0.015313
2.21618	80.7888	84.6178	750.982	1099.08	5.88583	5.88937	42.386	-0.014083
2.21718	80.5153	84.8913	753.485	1101.81	5.82877	5.88781	42.3467	-0.012813
2.21818	80.7888	84.481	758.292	1099.49	5.77578	5.87582	42.5441	-0.010625
2.21918	80.6521	84.481	761.262	1091.84	5.71058	5.86344	42.7908	-0.013438
2.22018	80.7888	84.6178	761.604	1081.48	5.76782	5.83812	43.2349	-0.012188
2.22118	81.0622	84.6178	763.204	1072.31	5.75132	5.81969	43.2349	-0.010313
2.22218	80.2419	84.6178	763.204	1118.08	5.64127	5.88969	43.3336	-0.010938
2.22318	80.6521	85.0281	768.8	1148.93	5.72698	5.89281	42.9882	-0.011583
2.22418	80.6521	84.6178	767.888	1161.36	5.81854	5.88489	43.2842	-0.011583
2.22518	80.5153	84.6178	758.877	1163.54	5.76782	5.88563	43.1855	-0.013125
2.22618	80.7888	84.3442	756.178	1134.04	5.78393	5.88156	42.7908	-0.012813
2.22718	80.6521	84.6178	756.35	1085.25	5.80839	5.88281	43.1362	-0.01375
2.22818	80.6521	84.3442	748.241	1068.65	5.8736	5.87969	43.4816	-0.014888
2.22918	80.5153	84.3442	744.015	1023.41	5.83284	5.87837	43.5603	-0.014083
2.23018	80.7888	84.6178	743.872	1030.92	5.788	5.87687	43.7283	-0.013125
2.23118	80.1052	84.6178	750.297	1065.75	5.84099	5.87837	44.0737	-0.013125
2.23218	80.2419	84.481	753.267	1079.41	5.86545	5.88489	43.9751	-0.012813
2.23318	80.2419	84.6178	747.213	1104.54	5.80839	5.88219	43.4816	-0.010938
2.23418	80.2419	84.6178	751.782	1108.77	5.81854	5.87969	43.1855	-0.013438
2.23518	80.6521	84.481	756.008	1105.91	5.8736	5.87837	43.4323	-0.013125

2.23616	81.1989	84.3442	755.323	1100.44	5.84915	5.68156	43.8298	-0.01375
2.23716	80.9255	84.6178	758.922	1090.34	5.87788	5.68375	43.2349	-0.012813
2.23816	80.2419	84.6178	759.206	1079.27	5.88545	5.68719	43.0868	-0.01125
2.23916	80.2419	84.6178	766.466	1089.65	5.88137	5.68469	42.9388	-0.010313
2.24016	80.7888	84.3442	758.485	1139.23	5.9429	5.68594	42.8895	-0.012813
2.24116	80.7888	84.3442	763.548	1142.78	6.84099	5.68344	42.1	-0.01125
2.24216	80.2419	84.6178	755.551	1140.6	5.85922	5.67906	41.6065	-0.012813
2.24316	80.1052	84.6178	747.784	1117.85	5.84915	5.68344	41.7062	-0.011583
2.24416	79.9885	84.6178	747.099	1080.38	6.83284	5.68156	41.0144	-0.01375
2.24516	80.3786	84.6178	743.901	1052.09	6.81654	5.67989	41.2611	-0.01875
2.24616	80.8521	85.0281	740.132	1028.87	6.82877	5.68261	41.6559	-0.013438
2.24716	80.2419	84.8913	739.58	1013.17	5.82469	5.68658	42.0013	-0.012813
2.24816	80.8521	84.6178	742.418	1051	5.82877	5.68406	42.3467	-0.013438
2.24916	80.8521	84.3442	750.525	1087.8	5.75947	5.68856	42.7908	-0.014063
2.25016	80.8521	84.6178	745.5	1088.7	5.71464	5.64125	42.4947	-0.01125
2.25116	80.8521	84.3442	743.33	1101.81	5.80639	5.61969	42.7414	-0.013438
2.25216	81.0622	84.6178	749.84	1089.08	5.77578	5.60825	42.6921	-0.012813
2.25316	80.8521	84.6178	750.888	1088.53	5.72279	5.68906	42.5441	-0.013125
2.25416	81.0622	84.6178	750.287	1094.71	5.77578	5.68781	42.4947	-0.012813
2.25516	80.2419	84.481	751.553	1086.51	6.76847	5.68187	42.8895	-0.013125
2.25616	80.2419	85.0281	750.64	1080.77	5.81273	5.67969	42.9882	-0.01375
2.25716	80.3786	84.6178	746.414	1122.71	5.71871	5.68219	43.2349	-0.011875
2.25816	80.5153	84.0706	752.81	1155.89	5.71056	5.67969	43.7777	-0.013438
2.25916	80.5153	84.6178	755.323	1168.96	5.63719	5.68156	43.2842	-0.012813
2.26016	80.5153	84.6178	747.327	1167.91	5.6535	5.67844	42.9882	-0.013438
2.26116	80.2419	85.3017	749.101	1137.32	5.57197	5.67469	42.9882	-0.0125
2.26216	80.5153	84.3442	739.58	1087.44	5.45784	5.67582	42.9388	-0.0125
2.26316	80.9255	83.9339	739.184	1081.65	5.58828	5.67531	43.2842	-0.013125
2.26416	80.2419	84.6178	729.062	1028.41	5.50268	5.67344	43.4818	-0.012188
2.26516	80.2419	84.8913	729.852	1030.51	5.43746	5.67344	43.8764	-0.012813
2.26616	80.8521	84.6178	737.961	1068.71	5.59121	5.67906	44.0797	-0.013125
2.26716	80.2419	84.6178	741.845	1080.09	5.39149	5.67594	43.2349	-0.015625
2.26816	80.7888	84.3442	735.908	1094.71	5.42524	5.67969	43.4818	-0.012813
2.26916	80.7888	84.6178	735.22	1059.19	5.40893	5.67469	43.0257	-0.0125
2.27016	80.5153	84.6178	739.393	1057.58	5.27035	5.67719	43.5803	-0.012813
2.27116	80.7888	84.6178	742.302	1038.3	5.28665	5.68261	43.679	-0.013125
2.27216	80.2419	84.481	743.672	1023.14	5.09801	5.67937	43.4818	-0.012813
2.27316	80.2419	84.481	740.474	1020.95	4.99317	5.68156	43.8298	-0.012188
2.27416	80.5153	84.6178	743.215	1026.86	5.06854	5.67969	43.531	-0.012813
2.27516	80.5153	85.0281	743.216	1081.06	5.00133	5.68125	43.0868	-0.0125
2.27616	79.9885	84.481	750.525	1148.79	4.93203	5.68156	42.8921	-0.012188
2.27716	80.5153	84.6178	757.721	1185.18	4.93611	5.67937	42.0013	-0.012813
2.27816	80.2419	84.6178	747.87	1142.37	4.91165	5.67594	41.1824	-0.013125
2.27916	80.2419	84.6178	735.106	1117.79	4.85459	5.67406	41.4585	-0.012813
2.28016	80.2419	84.3442	737.048	1072.03	4.77714	5.68594	42.0608	-0.012813
2.28116	80.7888	84.481	731.794	1034.06	4.83828	5.64344	41.8532	-0.011563
2.28216	79.9851	84.6178	724.255	1011.39	4.75876	5.62584	42.1988	-0.012188
2.28316	80.9255	84.481	724.484	1035.7	4.78122	5.59969	42.5441	-0.012188
2.28416	80.5153	84.6178	736.02	1058.85	4.77714	5.64469	42.8427	-0.013125
2.28516	80.5153	84.3442	731.337	1085.42	4.75876	5.68563	42.5934	-0.013125
2.28616	80.2419	84.3442	724.484	1105.63	4.73838	5.67125	42.7908	-0.01375
2.28716	81.0622	84.6178	731.794	1104.54	4.716	5.67625	42.6934	-0.012813

2.28816	80.2419	84.6178	736.362	1102.06	4.72008	5.67582	42.8895	-0.011563
2.28916	80.2419	84.6178	734.535	1095.25	4.84283	5.67281	42.5934	-0.012813
2.29016	80.2419	84.6178	738.19	1085.28	4.85078	5.67219	43.3829	-0.012813
2.29116	80.7888	83.9339	741.16	1079.41	4.83858	5.67438	44.0737	-0.012188
2.29217	80.2419	84.6178	737.619	1118.97	4.57742	5.67489	43.5903	-0.013438
2.29317	80.7888	84.6178	741.502	1156.44	4.57742	5.67489	43.879	-0.012813
2.29417	80.7888	84.0708	745.043	1167.09	4.55298	5.67156	43.7283	-0.012813
2.29517	80.6521	84.3442	738.19	1173.24	4.5285	5.66906	43.4818	-0.01375
2.29617	80.5153	84.6178	735.908	1145.51	4.53885	5.66989	43.2842	-0.013438
2.29717	80.7888	84.0708	732.136	1107.41	4.50812	5.66719	43.531	-0.012188
2.29817	80.5153	84.6178	725.626	1072.03	4.50405	5.67094	43.7777	-0.012813
2.29917	80.6521	84.6178	720.829	1034.68	4.48367	5.66989	43.9257	-0.011563
2.30017	80.2419	85.1649	719.001	1027.78	4.43068	5.66875	43.8764	-0.015313
2.30117	80.5153	84.6178	723.57	1067.39	4.45921	5.6775	44.2711	-0.013438
2.30217	80.6521	84.481	730.788	1081.32	4.44688	5.67375	44.3698	-0.014063
2.30317	80.7888	84.481	725.397	1108.36	4.43068	5.67844	43.9257	-0.0126
2.30417	80.7888	84.2074	726.788	1114.37	4.38584	5.68344	43.9257	-0.012188
2.30517	80.7888	84.6178	730.88	1108.09	4.341	5.67908	43.4818	-0.010313
2.30617	80.7888	84.6178	730.88	1103.45	4.33285	5.67937	43.3338	-0.010313
2.30717	80.2419	84.6178	733.393	1095.25	4.30024	5.68281	43.3338	-0.01125
2.30817	80.1052	84.6178	736.362	1086.1	4.28763	5.68594	43.1362	-0.012813
2.30917	80.2419	85.1649	734.535	1088.78	4.25948	5.68489	43.0868	-0.013125
2.31017	80.2419	84.3442	731.585	1136.23	4.22687	5.68719	42.8895	-0.014375
2.31117	80.2419	84.6178	739.875	1147.15	4.18981	5.67989	42.4847	-0.010938
2.31217	81.0622	84.481	735.877	1144.58	4.18981	5.65844	41.7545	-0.013438
2.31317	80.2419	85.0281	727.225	1122.16	4.16573	5.63687	42.1	-0.01375
2.31417	80.2419	84.8913	725.397	1078.32	4.1535	5.62094	41.4091	-0.011563
2.31517	80.5153	84.0708	722.656	1040.82	4.1372	5.64844	41.1131	-0.010938
2.31617	80.7888	84.3442	717.831	1011.66	4.09644	5.68844	41.2117	-0.011875
2.31717	80.2419	85.0281	716.945	985.987	4.08014	5.68281	41.1624	-0.012813
2.31817	81.0622	84.3442	717.174	1007.02	4.03122	5.68719	41.5078	-0.013125
2.31917	80.5153	84.481	725.169	1025.73	4.01084	5.68594	40.9157	-0.012188
2.32017	80.2419	84.6178	724.027	1038.43	3.98231	5.68375	40.817	-0.012813
2.32117	80.5153	84.6178	719.916	1042.84	3.92932	5.67969	40.4222	-0.0126
2.32217	80.5153	84.481	724.37	1038.43	3.89284	5.67969	40.3235	-0.010313
2.32317	79.8318	84.6178	726.882	1037.89	3.85585	5.67781	40.3729	-0.013125
2.32417	80.6521	84.6178	728.052	1044.31	3.88003	5.67969	41.0144	-0.010938
2.32517	79.9685	84.3442	730.88	1047.72	3.83557	5.67469	40.817	-0.013125
2.32617	80.7888	84.0708	730.88	1047.18	3.80296	5.67781	41.1131	-0.015313
2.32717	80.5153	84.6178	727.568	1073.4	3.78886	5.67344	41.3598	-0.01375
2.32817	80.9255	84.481	729.052	1112.73	3.7622	5.67625	41.1624	-0.012188
2.32917	80.5153	84.481	733.85	1110.82	3.77851	5.67906	41.0144	-0.012813
2.33017	79.9685	84.6178	724.255	1108.36	3.73775	5.67989	41.3598	-0.011563
2.33117	80.6521	84.0708	719.687	1081.59	3.69899	5.67656	41.4091	-0.011563
2.33217	80.5153	85.0281	718.659	1043.35	3.68068	5.67656	41.4091	-0.013438
2.33317	80.2419	84.6178	714.204	1016.03	3.64807	5.68187	41.9519	-0.010625
2.33417	80.2419	84.6178	708.493	988.991	3.62769	5.67969	41.9519	-0.015313
2.33517	80.5153	84.0708	710.663	985.031	3.61547	5.68437	42.5934	-0.014063
2.33617	80.7888	84.481	715.346	1022.59	3.58855	5.68969	42.5934	-0.012813
2.33717	80.7888	84.481	722.428	1033.24	3.55025	5.68344	42.1988	-0.011875
2.33817	80.5153	84.481	716.26	1028.33	3.52172	5.69281	42.396	-0.011563
2.33917	80.7888	84.6178	712.805	1022.45	3.48503	5.68969	42.1988	-0.012813

2.34017	80.1052	84.6178	719.915	1012.21	3.48503	5.68937	42.1493	-0.012188
2.34117	80.5153	84.481	723.57	1004.02	3.44427	5.68989	42.1988	-0.012188
2.34217	80.6153	84.3442	722.198	1005.11	3.41188	5.68281	42.2973	-0.012813
2.34317	80.6521	84.6178	724.712	1002.92	3.37905	5.65937	42.4454	-0.014083
2.34417	80.7888	84.6178	725.626	1008.61	3.37905	5.64158	42.4454	-0.013125
2.34517	80.7888	84.6178	720.8	1046.83	3.3548	5.62856	42.3487	-0.01375
2.34617	80.7888	84.0708	723.913	1053.48	3.31791	5.65719	42.4947	-0.012188
2.34717	80.5153	84.481	721.742	1051.55	3.2853	5.70158	41.5078	-0.012188
2.34817	80.9256	84.6178	716.28	1033.93	3.27715	5.68844	41.4081	-0.012813
2.34917	81.0822	84.3442	713.747	1007.29	3.2527	5.68989	41.4081	-0.013125
2.35017	80.6521	84.481	712.377	988.718	3.23639	5.68781	41.2811	-0.015313
2.35117	80.7888	84.481	711.008	975.743	3.19583	5.68489	41.6085	-0.014083
2.35217	80.6521	84.6178	708.95	967.821	3.15079	5.68375	41.8532	-0.013438
2.35317	80.2419	84.0708	708.95	982.543	3.12634	5.71344	41.9028	-0.012813
2.35417	80.5153	84.6178	714.433	1004.02	3.09781	5.70719	42.0508	-0.011563
2.35517	80.7888	84.6178	713.861	1015.22	3.08927	5.70989	41.7052	-0.00875
2.35617	80.2419	84.8913	710.549	1012.62	3.08927	5.70875	41.4081	-0.014083
2.35717	80.7888	84.481	713.519	1008.8	3.05297	5.70781	41.7052	-0.012813
2.35817	79.9685	84.6178	716.032	1013.85	2.98775	5.70687	41.6559	-0.01375
2.35917	80.2419	84.481	718.773	1020.41	2.98183	5.70719	42.1	-0.011583
2.36017	80.7888	84.6178	718.544	1026.69	2.95107	5.70531	42.0508	-0.012188
2.36117	80.5153	84.6178	718.318	1025.87	2.93478	5.70825	42.6441	-0.012188
2.36217	80.1052	84.6178	716.148	1039.25	2.95514	5.70781	42.4947	-0.012813
2.36317	80.6521	84.2074	717.174	1065.2	2.90623	5.71187	42.398	-0.011563
2.36417	80.9255	84.6178	720.715	1067.25	2.88993	5.71406	42.1988	-0.013125
2.36517	80.5153	84.3442	716.148	1066.02	2.84101	5.71584	42.0013	-0.01125
2.36617	79.9685	84.6178	713.519	1050.73	2.83286	5.71781	41.8039	-0.010313
2.36717	80.5153	84.6178	710.778	1036.8	2.80025	5.71937	41.7545	-0.014083
2.36817	80.2419	84.481	708.722	1027.51	2.75134	5.72219	42.398	-0.014375
2.36917	80.7888	84.6178	707.123	1017.87	2.74318	5.72344	42.0013	-0.012813
2.37017	80.7888	84.6178	708.686	1009.48	2.73504	5.72344	42.4947	-0.011583
2.37117	80.2419	85.3017	705.524	1012.21	2.70243	5.72719	42.8427	-0.011563
2.37217	80.5153	83.9339	708.437	1032.15	2.69428	5.72489	42.6427	-0.010825
2.37317	80.3788	84.481	708.493	1038.25	2.68982	5.70908	42.3487	-0.012188
2.37417	80.7888	84.6178	708.894	1040.07	2.65352	5.68531	42.1988	-0.011583
2.37517	80.2419	85.4385	707.922	1034.81	2.66982	5.68825	42.398	-0.012813
2.37617	80.2419	84.0708	708.838	1035.16	2.63721	5.64875	42.398	-0.01375
2.37717	80.2419	84.481	712.282	1039.25	2.65352	5.68583	42.398	-0.010313
2.37817	80.2419	85.1849	712.377	1043.35	2.6046	5.73719	42.8401	-0.011583
2.37917	80.7888	84.6178	712.377	1044.44	2.6048	5.72344	43.1855	-0.012188
2.38017	80.2419	84.6178	711.12	1040.89	2.6046	5.72489	43.2842	-0.012813
2.38117	80.6521	84.8913	708.038	1034.08	2.54754	5.72219	43.2842	-0.014083
2.38217	80.9255	85.0281	707.008	1035.43	2.57199	5.72489	43.4818	-0.012188
2.38317	80.6521	84.6178	708.407	1061.85	2.57199	5.72219	42.9882	-0.014083
2.38417	80.2419	84.6178	716.575	1070.53	2.57199	5.71989	42.8895	-0.012188
2.38517	80.2419	84.6178	711.92	1080.23	2.58845	5.71844	42.1988	-0.013438
2.38617	80.2419	84.6178	708.722	1078.4	2.59237	5.72219	42.4454	-0.012813
2.38717	80.6521	84.2074	707.808	1070.39	2.54754	5.71989	42.2973	-0.012813
2.38817	80.2419	84.6178	708.038	1065.2	2.58384	5.71656	42.398	-0.010313
2.38917	80.7888	84.6178	706.209	1057.42	2.53123	5.71937	42.5934	-0.012813
2.39017	80.5153	84.0708	705.838	1050.45	2.51493	5.72094	42.9882	-0.011583
2.39117	80.7888	84.3442	705.067	1041.03	2.53939	5.7225	43.3829	-0.010838

2.39217	80.2419	84.481	705.067	1032.97	2.51065	5.71989	43.2349	-0.0125
2.39317	80.7888	84.3442	701.64	1032.15	2.47417	5.72344	43.3829	-0.012188
2.39417	80.7888	84.8913	703.353	1047.58	2.48232	5.72187	42.8895	-0.012813
2.39517	80.5153	84.481	706.151	1052.5	2.50678	5.72531	42.6427	-0.011875
2.39617	80.5153	83.9339	706.78	1058.1	2.49455	5.72344	42.2973	-0.014063
2.39717	80.7888	84.6178	706.095	1055.1	2.47009	5.72531	42.0013	-0.014063
2.39817	80.5153	84.6178	708.209	1054	2.4008	5.72583	42.1	-0.011875
2.39917	80.7888	83.7971	707.123	1058.38	2.40895	5.72469	42.1	-0.009888
2.40017	80.7888	84.481	708.437	1062.75	2.34973	5.72844	42.4454	-0.012813
2.40117	81.0622	84.6178	706.686	1065.07	2.35189	5.72937	43.1382	-0.01375
2.40217	80.5153	84.6178	706.552	1063.02	2.37634	5.73062	43.3829	-0.012188
2.40317	80.3788	84.481	705.295	1058.82	2.32335	5.72719	43.4323	-0.01375
2.40417	80.7888	84.481	703.696	1053.73	2.32335	5.71438	43.679	-0.012813
2.40517	80.6521	84.6178	709.011	1049.81	2.33151	5.68875	43.5803	-0.012188
2.40617	80.6521	84.6178	702.688	1047.18	2.36819	5.67156	43.3829	-0.010313
2.40717	81.1989	84.6178	701.64	1047.72	2.30297	5.65125	42.8895	-0.012188
2.40817	80.7888	84.6178	702.782	1070.38	2.27037	5.70156	42.396	-0.011563
2.40917	80.7888	84.6178	706.209	1061.18	2.28221	5.73781	42.0013	-0.014063
2.41017	80.6521	84.6178	707.123	1091.02	2.29482	5.72469	41.8039	-0.010313
2.41117	80.7888	84.6178	703.81	1092.25	2.20922	5.72844	41.5078	-0.013125
2.41217	80.9255	84.6178	703.011	1088.15	2.18069	5.72813	41.9026	-0.012813
2.41317	80.7888	84.481	703.824	1085.98	2.18069	5.72583	42.0508	-0.012188
2.41417	80.6521	84.0708	703.696	1079.41	2.13588	5.72469	42.0013	-0.013438
2.41517	81.3358	84.6178	703.011	1075.04	2.10732	5.72887	42.396	-0.012188
2.41617	80.5153	85.1649	702.097	1070.12	2.11648	5.72583	42.5834	-0.013125
2.41717	80.7888	84.6178	701.089	1066.3	2.13993	5.72344	42.6621	-0.011563
2.41817	80.7888	84.481	699.127	1063.89	2.04211	5.71989	42.7414	-0.011563
2.41917	81.0622	84.6178	697.985	1063.57	2.0258	5.72094	42.4947	-0.011563
2.42017	80.2419	84.6178	700.27	1061.65	2.01765	5.72156	42.4947	-0.011563
2.42117	80.7888	84.6178	700.726	1059.19	1.95243	5.71989	42.0508	-0.012188
2.42217	80.7888	84.6178	699.47	1059.19	1.92798	5.72094	41.8039	-0.012813
2.42317	80.6521	84.481	700.27	1066.3	1.97281	5.72344	41.4091	-0.012188
2.42417	80.7888	84.3442	702.554	1068.48	1.97281	5.72406	41.3598	-0.011563
2.42517	80.6521	84.6178	701.64	1068.89	1.97689	5.72312	41.3104	-0.013438
2.42617	80.6153	83.9339	700.498	1067.39	1.92798	5.72469	41.5078	-0.012813
2.42717	80.7888	85.0281	701.297	1068.21	1.88722	5.72281	41.4091	-0.012813
2.42817	80.6521	84.6178	701.64	1072.03	1.9078	5.72719	41.5572	-0.013438
2.42917	80.5153	84.3442	701.297	1078.13	1.84238	5.72658	41.8039	-0.012813
2.43017	80.7888	85.0281	701.412	1080.77	1.78124	5.73094	42.0013	-0.011563
2.43118	80.2419	84.3442	700.841	1078.32	1.78493	5.73219	42.3467	-0.013125
2.43218	80.6521	84.8913	699.584	1075.46	1.76801	5.73156	42.8401	-0.010313
2.43318	80.1052	84.6178	699.358	1073.13	1.77309	5.73469	42.7908	-0.013438
2.43418	80.7888	85.0281	698.442	1070.67	1.74048	5.73584	42.8895	-0.013438
2.43518	81.0622	84.6178	699.358	1070.12	1.71802	5.71989	43.0375	-0.012813
2.43618	80.7888	84.6178	698.785	1069.98	1.68972	5.69584	42.6921	-0.012813
2.43718	80.9255	84.6178	698.899	1070.67	1.69156	5.67781	42.4454	-0.012813
2.43818	80.9255	85.1649	699.127	1070.94	1.68711	5.69583	42.1986	-0.010838
2.43918	80.7888	84.0708	698.899	1070.12	1.65896	5.72989	41.5078	-0.01125
2.44018	81.0622	84.6178	698.899	1069.17	1.61004	5.73658	41.4585	-0.010825
2.44118	81.3358	84.6178	698.584	1068.21	1.58374	5.73156	41.1131	-0.012188
2.44218	80.7888	85.1649	700.041	1066.3	1.57744	5.73469	41.2611	-0.011563
2.44318	81.0622	84.6178	700.955	1065.61	1.5489	5.73219	41.0144	-0.009063

2.44418	80.7888	84.6178	699.127	1065.2	1.53667	5.72969	40.5209	-0.014063
2.44518	80.7888	84.6178	698.899	1070.94	1.52852	5.72969	40.4718	-0.014688
2.44618	80.7888	84.3442	700.041	1083.23	1.50407	5.72594	40.4716	-0.012188
2.44718	80.7888	84.3442	700.955	1086.24	1.48776	5.72594	40.1765	-0.011875
2.44818	80.5153	84.481	699.584	1087.6	1.49184	5.72644	40.0768	-0.011875
2.44918	80.8521	84.481	697.757	1080.5	1.43685	5.72375	39.8288	-0.013438
2.45018	80.1052	84.481	698.442	1077.22	1.46331	5.72281	40.0275	-0.012188
2.45118	80.9255	85.1849	697.643	1073.81	1.41847	5.72084	40.1755	-0.012813
2.45218	80.2419	84.6178	697.985	1074.36	1.38984	5.71969	40.1282	-0.011875
2.45318	80.7888	84.6178	697.871	1073.95	1.38178	5.72531	40.1282	-0.014063
2.45418	80.5153	84.6178	697.985	1074.9	1.35325	5.72375	40.1282	-0.012813
2.45518	80.8521	84.6178	698.843	1078.68	1.34102	5.72489	40.3235	-0.014063
2.45618	80.8521	84.6178	695.244	1075.88	1.3288	5.72844	40.5703	-0.013125
2.45718	80.8521	84.0706	698.158	1074.9	1.31249	5.73062	40.6196	-0.011563
2.45818	81.0822	84.6178	696.5	1072.72	1.28396	5.73187	40.866	-0.012813
2.45918	80.8521	84.3442	695.829	1070.67	1.24727	5.73375	40.9157	-0.011875
2.46018	80.5153	84.481	695.701	1070.12	1.21467	5.73187	40.866	-0.011563
2.46118	81.1989	84.6178	696.386	1070.67	1.23505	5.73656	40.817	-0.013438
2.46218	80.7888	84.6178	695.929	1070.12	1.1576	5.73594	40.817	-0.013438
2.46318	80.8521	84.8913	695.244	1089.3	1.12907	5.73719	40.7678	-0.012813
2.46418	80.7888	84.481	694.787	1089.17	1.09648	5.73989	40.6196	-0.01375
2.46518	80.8521	84.6178	696.386	1089.3	1.10461	5.73719	40.6196	-0.011875
2.46618	80.7888	84.481	696.158	1087.38	1.0394	5.71312	40.3729	-0.014063
2.46718	80.7888	85.1849	696.158	1085.75	1.0394	5.69312	40.7678	-0.013438
2.46818	80.7888	84.6178	696.729	1085.48	1.02309	5.6775	40.7678	-0.012188
2.46918	80.9255	84.0706	696.957	1083.84	0.986407	5.69781	40.4222	-0.012813
2.47018	81.0822	85.0281	696.729	1083.28	0.986028	5.75125	40.4222	-0.012813
2.47118	80.7888	84.481	697.071	1083.02	0.949722	5.73594	40.7678	-0.011563
2.47218	81.0822	84.481	697.071	1080.83	0.94157	5.74187	40.3729	-0.010838
2.47318	80.9255	84.6178	697.871	1059.47	0.900808	5.73812	40.4222	-0.010313
2.47418	80.7888	84.8913	697.757	1058.1	0.868201	5.73594	40.2742	-0.0125
2.47518	80.9255	84.6178	697.071	1056.6	0.82744	5.73408	39.9781	-0.012813
2.47618	80.2419	84.6178	697.843	1054.98	0.798908	5.73469	39.9781	-0.013125
2.47718	80.8521	84.3442	697.757	1053.59	0.754071	5.73156	39.6821	-0.012188
2.47818	80.2419	84.481	696.615	1053.05	0.745919	5.73156	39.7314	-0.014063
2.47918	80.8521	84.6178	696.158	1051	0.741843	5.73156	39.8301	-0.01375
2.48018	80.2419	84.8913	696.386	1051	0.71331	5.73094	39.388	-0.011563
2.48118	80.7888	84.6178	695.13	1049.81	0.71331	5.7325	39.4847	-0.012188
2.48218	80.8521	84.6178	695.016	1049.77	0.69283	5.72875	39.238	-0.014063
2.48318	80.2419	84.6178	694.33	1048.81	0.688854	5.72969	39.5834	-0.012188
2.48418	80.9255	84.6178	695.358	1048.81	0.629637	5.73219	39.386	-0.011563
2.48518	80.2419	84.3442	694.33	1047.72	0.619561	5.73219	39.2873	-0.012188
2.48618	81.0822	84.6178	694.787	1046.49	0.603257	5.73375	39.238	-0.012188
2.48718	80.7888	84.6178	694.787	1045.26	0.586572	5.73656	39.2873	-0.012813
2.48818	80.7888	84.6178	693.873	1043.35	0.509507	5.73375	39.8432	-0.01375
2.48918	80.7888	84.6178	694.673	1043.9	0.525812	5.73656	39.3368	-0.014063
2.49018	80.9255	84.8913	695.13	1043.76	0.501355	5.73781	39.8794	-0.012813
2.49118	80.7888	84.6178	695.472	1042.8	0.480975	5.73969	39.3368	-0.012813
2.49218	80.7888	85.0281	695.244	1041.71	0.468747	5.73908	39.6327	-0.012188
2.49318	80.9255	84.6178	695.016	1042.26	0.432062	5.73969	39.6327	-0.013125
2.49418	81.0822	84.6178	695.016	1041.71	0.448367	5.73969	39.8821	-0.013125
2.49518	80.7888	84.6178	695.244	1040.62	0.387226	5.73156	39.6327	-0.013438

2.49618	81.0622	84.6178	694.33	1039.8	0.36315	5.70812	39.8327	-0.012813
2.49718	81.0622	84.481	694.787	1039.66	0.346465	5.68906	39.8794	-0.012188
2.49818	80.7888	84.6178	694.787	1037.61	0.322009	5.67094	39.7314	-0.011875
2.49918	80.7888	84.481	694.33	1036.68	0.285324	5.67281	39.238	-0.013125
2.50018	80.9255	85.1649	693.416	1036.8	0.2894	5.74908	40.0275	-0.012813
2.50118	80.7888	84.481	694.33	1036.25	0.256792	5.73856	40.0275	-0.0125
2.50218	80.7888	84.6178	694.216	1035.7	0.236411	5.73844	39.9288	-0.013438
2.50318	80.5153	84.3442	694.102	1035.43	0.211955	5.73806	40.1262	-0.011875
2.50418	80.7888	83.7971	693.873	1034.61	0.191575	5.7375	39.8301	-0.011563
2.50518	80.7888	85.1649	694.102	1033.38	0.167118	5.73719	39.8301	-0.014063
2.50618	80.9255	83.7971	693.302	1031.06	0.146736	5.73631	39.8301	-0.010625
2.50718	81.0622	84.6178	694.787	1031.33	0.126358	5.73562	39.8301	-0.010938
2.50818	80.6521	83.9339	693.873	1028.33	0.073369	5.73625	39.4847	-0.013125
2.50918	80.5153	84.0706	693.873	1028.6	0.061141	5.73438	39.4847	-0.013438
2.51018	80.7888	84.481	694.33	1027.51	-0.004078	5.72969	38.8432	-0.014688
2.51118	80.6521	84.3442	693.769	1027.51	-0.004078	5.72969	38.9419	-0.015938
2.51218	80.7888	83.9339	694.33	1026.98	-0.004078	5.72969	39.534	-0.012188
2.51318	80.7888	85.0281	694.33	1026.41	-0.004078	5.73281	38.8925	-0.012813
2.51418	80.7888	84.6178	694.673	1025.8	-0.004078	5.73856	39.0406	-0.011563
2.51518	80.9255	84.0706	694.216	1025.06	-0.004078	5.73469	39.0406	-0.012188
2.51618	80.7888	84.6178	693.873	1023.56	0.02038	5.73562	39.0406	-0.012813
2.51718	80.9255	84.6178	694.33	1023.14	-0.024458	5.73406	38.3368	-0.012813
2.51818	80.9255	84.6178	694.33	1022.32	-0.004078	5.73469	38.9419	-0.013125
2.51918	81.1989	84.6178	693.845	1023	-0.008152	5.73469	38.8925	-0.013438
2.52018	80.7888	85.1649	693.416	1020.41	-0.012228	5.73969	39.0406	-0.012188
2.52118	80.7888	84.3442	693.416	1018.77	-0.073369	5.73531	38.8952	-0.01625
2.52218	81.3356	84.481	694.102	1020	-0.02038	5.74219	39.238	-0.012188
2.52318	80.6521	84.6178	694.33	1019.18	-0.004078	5.74344	39.7806	-0.011563
2.52418	81.1989	84.6178	693.873	1018.08	-0.004078	5.74219	39.388	-0.010313
2.52518	81.0622	84.6178	694.102	1017.67	-0.004078	5.74312	39.3366	-0.013125
2.52618	80.6521	84.481	693.188	1016.03	-0.012228	5.71719	39.4353	-0.014083
2.52718	80.7888	84.6178	694.102	1016.31	-0.004078	5.69719	39.0406	-0.015313
2.52818	80.9255	84.481	693.759	1015.22	-0.004078	5.67781	39.2873	-0.011875
2.52918	80.5153	84.3442	693.873	1014.94	-0.012228	5.67866	39.4847	-0.011563
2.53018	81.0622	84.6178	693.845	1014.4	-0.004078	5.75406	39.3366	-0.013438
2.53118	80.6521	84.6178	693.645	1012.76	-0.016304	5.74469	39.4353	-0.013438
2.53218	81.3356	84.6178	694.33	1012.21	-0.004078	5.74344	39.238	-0.01125
2.53318	80.2419	84.6178	693.645	1012.21	-0.004078	5.74281	39.238	-0.014688
2.53418	81.0622	85.1649	693.873	1011.39	-0.004078	5.74344	39.534	-0.012813
2.53518	81.0622	84.6178	693.645	1011.53	-0.004078	5.74084	39.238	-0.0125
2.53618	80.7888	85.0281	693.416	1010.43	-0.004078	5.73969	39.3366	-0.014375
2.53718	81.0622	84.3442	693.759	1008.8	-0.012228	5.73719	39.4353	-0.012188
2.53818	80.7888	84.6178	693.873	1008.93	0.02038	5.73844	39.238	-0.012813
2.53918	80.7888	84.6178	694.102	1008.11	-0.02038	5.73584	39.5834	-0.010938
2.54018	81.0622	85.0281	693.531	1007.29	-0.004078	5.73344	39.4353	-0.010313
2.54118	80.9255	84.2074	693.416	1007.96	-0.004078	5.73344	39.2873	-0.012188
2.54218	80.7888	85.3017	693.873	1006.06	-0.004078	5.73344	39.3366	-0.011563
2.54318	80.7888	84.6178	693.188	1003.74	-0.036885	5.73084	38.8912	-0.012813
2.54418	80.2419	84.6178	693.074	1004.02	-0.004078	5.73406	39.4353	-0.014688
2.54518	80.2419	84.3442	693.873	1003.2	-0.004078	5.73469	38.534	-0.01375
2.54618	80.7888	84.481	694.33	1002.65	0.02038	5.73531	39.0406	-0.012813
2.54718	80.1052	84.6178	693.645	1001.28	-0.004078	5.73856	39.0406	-0.011563

2.54818	80.7888	84.6178	693.759	1001.83	-0.008152	5.73908	39.0406	-0.012813
2.54918	81.0622	84.6178	693.302	1000.33	0.02038	5.74344	38.238	-0.012813
2.55018	80.7888	84.2074	693.845	999.845	-0.008152	5.74281	38.9912	-0.012813
2.55118	80.9255	84.6178	693.302	998.552	-0.004076	5.74408	38.8432	-0.012813
2.55218	80.7888	84.481	692.96	997.46	-0.016304	5.74312	38.5865	-0.015313
2.55318	81.0622	84.3442	693.302	996.913	-0.004076	5.74937	38.9419	-0.01125
2.55418	81.1989	84.6178	693.873	996.094	-0.02038	5.74813	38.7445	-0.00888
2.55518	80.7888	84.481	692.503	995.274	-0.028532	5.74489	38.7445	-0.013438
2.55618	81.0622	84.6178	692.731	994.591	-0.016304	5.72219	39.238	-0.012188
2.55718	80.5153	84.3442	692.731	994.045	-0.004076	5.70084	38.8925	-0.011875
2.55818	80.9255	83.9339	692.503	993.226	-0.004076	5.68489	39.0406	-0.011563
2.55918	80.9255	84.481	691.932	992.818	-0.004076	5.70489	38.9419	-0.011563
2.56018	80.7888	84.481	691.932	991.996	-0.004076	5.75906	38.9419	-0.014063
2.56118	80.9255	84.6178	692.503	991.177	0.028532	5.74489	38.6458	-0.013125
2.56218	80.7888	84.0708	692.274	990.357	-0.02038	5.74969	38.6458	-0.012813
2.56318	80.9255	84.6178	692.388	990.357	-0.004076	5.74969	38.7445	-0.012813
2.56418	80.9255	85.1649	691.817	988.445	-0.004076	5.74687	38.7445	-0.011563
2.56518	81.3358	84.481	692.503	988.445	-0.012228	5.74408	38.5471	-0.010938
2.56618	81.1989	84.6178	690.875	986.806	-0.012228	5.74344	38.5865	-0.014063
2.56718	80.7888	84.2074	690.561	985.44	-0.004076	5.74344	39.0406	-0.012813
2.56818	80.9255	84.6178	689.305	985.123	-0.004076	5.74219	38.6458	-0.012188
2.56918	80.7888	84.481	687.834	985.031	-0.004076	5.74084	38.5471	-0.013438
2.57018	80.9255	84.3442	687.02	984.821	-0.004076	5.73969	38.4484	-0.012813
2.57118	80.5153	84.6178	684.984	983.901	0.024456	5.73969	38.3498	-0.012188
2.57218	80.7888	83.7971	682.908	981.889	-0.004076	5.73969	38.4484	-0.012813
2.57318	81.4724	84.6178	681.424	981.753	-0.028532	5.74344	38.2017	-0.010825
2.57418	80.7888	84.0708	680.398	982.709	-0.004076	5.74594	38.3498	-0.012188
2.57518	80.5153	84.0708	878.568	979.977	-0.004076	5.74219	38.1524	-0.014063
2.57618	80.7888	84.6178	878.568	978.884	-0.004076	5.74408	38.4484	-0.010938
2.57718	81.1989	84.6178	878.889	978.748	-0.004076	5.74531	38.0537	-0.014063
2.57818	80.9255	84.481	878.889	977.792	-0.004076	5.74531	38.5985	-0.011563
2.57918	80.7888	84.6178	878.055	977.245	-0.004076	5.74531	37.8583	-0.012813
2.58018	80.9255	84.3442	878.512	976.153	-0.004076	5.74969	38.2511	-0.012188
2.58118	80.7888	84.3442	877.789	975.47	-0.004076	5.74813	37.8583	-0.014063
2.58218	80.7888	84.481	878.797	975.06	-0.004076	5.74687	37.9057	-0.011875
2.58318	81.1989	84.8913	879.71	973.421	-0.004076	5.74719	38.2511	-0.011563
2.58418	81.0622	84.6178	681.309	973.148	-0.008152	5.74906	38.0537	-0.013125
2.58518	80.9255	85.1649	682.223	973.148	-0.004076	5.73531	37.8583	-0.014688
2.58618	80.1052	84.6178	682.88	971.236	-0.004076	5.71219	37.955	-0.012813
2.58718	80.7888	84.481	684.051	970.416	0.02038	5.69562	37.8589	-0.010313
2.58818	81.3358	84.481	684.507	970.143	-0.004076	5.68219	37.8589	-0.012188
2.58918	80.7888	84.6178	684.984	968.914	-0.004076	5.73489	37.807	-0.01125
2.59018	80.7888	84.481	685.878	968.914	-0.004076	5.75219	37.4615	-0.012188
2.59118	80.5153	84.6178	684.984	967.411	-0.004076	5.74813	37.2842	-0.013438
2.59218	80.2419	84.6178	685.079	965.773	-0.004076	5.74594	37.1856	-0.013125
2.59318	81.4724	84.481	685.907	965.638	0.028532	5.74563	37.1856	-0.013438
2.59418	80.7888	83.7971	685.079	964.407	-0.004076	5.74594	37.0688	-0.011563
2.59518	80.7888	84.6178	684.393	963.587	-0.02038	5.74489	36.8691	-0.012813
2.59618	80.7888	84.6178	684.279	963.587	-0.004076	5.74408	36.8694	-0.013125
2.59718	80.7888	84.2074	684.507	961.948	-0.004076	5.74489	36.9188	-0.0125
2.59818	81.0622	85.1649	683.822	960.309	-0.004076	5.74219	36.7214	-0.011563
2.59918	80.2419	84.6178	682.452	959.217	-0.012228	5.73969	36.8227	-0.014375