

R1234yf

Saturation property

m: 10^-3; u: 10^-6; k: 10^3

Temp C	Pressure KPa	enthalpy		Latent Heat J/g	entropy		specific heat		dynamic viscosity		thermal conductivity		density(密度)		prandtl Number		surface tension N/m
		Vapor J/g	Liquid J/g		Vapor J/gK	Liquid J/gK	Vapor J/gK	Liquid J/gK	Vapor uPaS	Liquid uPaS	Vapor mW/m.k	Liquid mW/m.k	Vapor kg/m3	Liquid kg/m3	Vapor --	Liquid --	
-50	37.423	329.85	139.63	190.22	1.610	0.757	0.746	1.128	8.27	419.34	7.64	88.95	2.355	1318.4	0.808	5.32	17.09
-49.9	37.624	329.92	139.75	190.17	1.610	0.758	0.747	1.128	8.27	418.64	7.65	88.92	2.366	1318.2	0.808	5.31	17.07
-49.8	37.827	329.98	139.86	190.13	1.610	0.758	0.747	1.128	8.28	417.94	7.65	88.88	2.378	1317.9	0.808	5.31	17.06
-49.7	38.030	330.05	139.97	190.08	1.610	0.759	0.747	1.129	8.28	417.25	7.66	88.84	2.390	1317.6	0.808	5.30	17.04
-49.6	38.234	330.12	140.08	190.03	1.609	0.759	0.748	1.129	8.28	416.56	7.67	88.81	2.402	1317.4	0.807	5.30	17.02
-49.5	38.439	330.19	140.20	189.99	1.609	0.760	0.748	1.129	8.29	415.87	7.68	88.77	2.414	1317.1	0.807	5.29	17.01
-49.4	38.645	330.25	140.31	189.94	1.609	0.760	0.748	1.130	8.29	415.18	7.69	88.73	2.426	1316.9	0.807	5.29	16.99
-49.3	38.852	330.32	140.42	189.90	1.609	0.761	0.748	1.130	8.29	414.49	7.69	88.70	2.438	1316.6	0.807	5.28	16.97
-49.2	39.059	330.39	140.54	189.85	1.609	0.761	0.749	1.130	8.30	413.80	7.70	88.66	2.450	1316.3	0.807	5.27	16.96
-49.1	39.268	330.45	140.65	189.80	1.609	0.762	0.749	1.130	8.30	413.12	7.71	88.62	2.463	1316.1	0.807	5.27	16.94
-49	39.477	330.52	140.76	189.76	1.609	0.762	0.749	1.131	8.31	412.44	7.72	88.59	2.475	1315.8	0.806	5.26	16.92
-48.9	39.688	330.59	140.88	189.71	1.609	0.763	0.750	1.131	8.31	411.76	7.72	88.55	2.487	1315.5	0.806	5.26	16.91
-48.8	39.899	330.66	140.99	189.67	1.609	0.763	0.750	1.131	8.31	411.08	7.73	88.51	2.500	1315.3	0.806	5.25	16.89
-48.7	40.111	330.72	141.10	189.62	1.609	0.764	0.750	1.132	8.32	410.40	7.74	88.48	2.512	1315.0	0.806	5.25	16.87
-48.6	40.324	330.79	141.22	189.57	1.609	0.764	0.751	1.132	8.32	409.73	7.75	88.44	2.524	1314.8	0.806	5.24	16.86
-48.5	40.538	330.86	141.33	189.53	1.609	0.765	0.751	1.132	8.32	409.05	7.76	88.40	2.537	1314.5	0.806	5.24	16.84
-48.4	40.753	330.92	141.44	189.48	1.608	0.765	0.751	1.132	8.33	408.38	7.76	88.37	2.550	1314.2	0.806	5.23	16.83
-48.3	40.969	330.99	141.56	189.44	1.608	0.766	0.752	1.133	8.33	407.71	7.77	88.33	2.562	1314.0	0.805	5.23	16.81
-48.2	41.186	331.06	141.67	189.39	1.608	0.766	0.752	1.133	8.33	407.05	7.78	88.29	2.575	1313.7	0.805	5.22	16.79
-48.1	41.403	331.13	141.78	189.34	1.608	0.767	0.752	1.133	8.34	406.38	7.79	88.26	2.588	1313.4	0.805	5.22	16.78
-48	41.622	331.19	141.90	189.30	1.608	0.767	0.752	1.134	8.34	405.71	7.80	88.22	2.600	1313.2	0.805	5.21	16.76
-47.9	41.841	331.26	142.01	189.25	1.608	0.768	0.753	1.134	8.34	405.05	7.80	88.18	2.613	1312.9	0.805	5.21	16.74
-47.8	42.062	331.33	142.12	189.20	1.608	0.768	0.753	1.134	8.35	404.39	7.81	88.15	2.626	1312.6	0.805	5.20	16.73
-47.7	42.283	331.39	142.24	189.16	1.608	0.769	0.753	1.135	8.35	403.73	7.82	88.11	2.639	1312.4	0.805	5.20	16.71
-47.6	42.506	331.46	142.35	189.11	1.608	0.769	0.754	1.135	8.36	403.07	7.83	88.07	2.652	1312.1	0.804	5.19	16.69
-47.5	42.729	331.53	142.46	189.06	1.608	0.770	0.754	1.135	8.36	402.42	7.84	88.04	2.665	1311.9	0.804	5.19	16.68
-47.4	42.953	331.60	142.58	189.02	1.608	0.770	0.754	1.135	8.36	401.76	7.84	88.00	2.678	1311.6	0.804	5.18	16.66
-47.3	43.178	331.66	142.69	188.97	1.608	0.771	0.755	1.136	8.37	401.11	7.85	87.96	2.691	1311.3	0.804	5.18	16.65
-47.2	43.404	331.73	142.80	188.93	1.608	0.771	0.755	1.136	8.37	400.46	7.86	87.93	2.704	1311.1	0.804	5.17	16.63
-47.1	43.631	331.80	142.92	188.88	1.608	0.772	0.755	1.136	8.37	399.81	7.87	87.89	2.717	1310.8	0.804	5.17	16.61
-47	43.859	331.86	143.03	188.83	1.607	0.772	0.756	1.137	8.38	399.16	7.88	87.85	2.731	1310.5	0.804	5.16	16.60
-46.9	44.088	331.93	143.15	188.79	1.607	0.773	0.756	1.137	8.38	398.51	7.88	87.82	2.744	1310.3	0.804	5.16	16.58
-46.8	44.318	332.00	143.26	188.74	1.607	0.773	0.756	1.137	8.38	397.87	7.89	87.78	2.757	1310.0	0.803	5.15	16.56
-46.7	44.549	332.07	143.37	188.69	1.607	0.774	0.756	1.137	8.39	397.23	7.90	87.74	2.771	1309.7	0.803	5.15	16.55
-46.6	44.781	332.13	143.49	188.65	1.607	0.774	0.757	1.138	8.39	396.58	7.91	87.71	2.784	1309.5	0.803	5.14	16.53
-46.5	45.014	332.20	143.60	188.60	1.607	0.775	0.757	1.138	8.40	395.94	7.92	87.67	2.798	1309.2	0.803	5.14	16.51

-46.4	45.248	332.27	143.72	188.55	1.607	0.775	0.757	1.138	8.40	395.31	7.92	87.63	2.811	1308.9	0.803	5.14	16.50
-46.3	45.482	332.33	143.83	188.51	1.607	0.776	0.758	1.139	8.40	394.67	7.93	87.60	2.825	1308.7	0.803	5.13	16.48
-46.2	45.718	332.40	143.94	188.46	1.607	0.776	0.758	1.139	8.41	394.03	7.94	87.56	2.838	1308.4	0.803	5.13	16.47
-46.1	45.955	332.47	144.06	188.41	1.607	0.777	0.758	1.139	8.41	393.40	7.95	87.52	2.852	1308.2	0.802	5.12	16.45
-46	46.192	332.54	144.17	188.37	1.607	0.777	0.759	1.140	8.41	392.77	7.96	87.49	2.866	1307.9	0.802	5.12	16.43
-45.9	46.431	332.60	144.29	188.32	1.607	0.778	0.759	1.140	8.42	392.14	7.96	87.45	2.880	1307.6	0.802	5.11	16.42
-45.8	46.671	332.67	144.40	188.27	1.607	0.778	0.759	1.140	8.42	391.51	7.97	87.41	2.894	1307.4	0.802	5.11	16.40
-45.7	46.911	332.74	144.51	188.22	1.607	0.779	0.760	1.140	8.42	390.88	7.98	87.38	2.908	1307.1	0.802	5.10	16.38
-45.6	47.153	332.81	144.63	188.18	1.606	0.779	0.760	1.141	8.43	390.26	7.99	87.34	2.922	1306.8	0.802	5.10	16.37
-45.5	47.396	332.87	144.74	188.13	1.606	0.780	0.760	1.141	8.43	389.63	8.00	87.30	2.936	1306.6	0.802	5.09	16.35
-45.4	47.639	332.94	144.86	188.08	1.606	0.780	0.761	1.141	8.43	389.01	8.00	87.27	2.950	1306.3	0.802	5.09	16.34
-45.3	47.884	333.01	144.97	188.04	1.606	0.781	0.761	1.142	8.44	388.39	8.01	87.23	2.964	1306.0	0.801	5.08	16.32
-45.2	48.130	333.07	145.08	187.99	1.606	0.781	0.761	1.142	8.44	387.77	8.02	87.19	2.978	1305.8	0.801	5.08	16.30
-45.1	48.376	333.14	145.20	187.94	1.606	0.782	0.761	1.142	8.45	387.15	8.03	87.16	2.992	1305.5	0.801	5.07	16.29
-45	48.624	333.21	145.31	187.90	1.606	0.782	0.762	1.143	8.45	386.53	8.03	87.12	3.007	1305.2	0.801	5.07	16.27
-44.9	48.873	333.28	145.43	187.85	1.606	0.783	0.762	1.143	8.45	385.92	8.04	87.09	3.021	1305.0	0.801	5.06	16.25
-44.8	49.122	333.34	145.54	187.80	1.606	0.783	0.762	1.143	8.46	385.31	8.05	87.05	3.035	1304.7	0.801	5.06	16.24
-44.7	49.373	333.41	145.66	187.75	1.606	0.784	0.763	1.143	8.46	384.69	8.06	87.01	3.050	1304.4	0.801	5.06	16.22
-44.6	49.625	333.48	145.77	187.71	1.606	0.784	0.763	1.144	8.46	384.08	8.07	86.98	3.064	1304.2	0.801	5.05	16.21
-44.5	49.878	333.55	145.89	187.66	1.606	0.785	0.763	1.144	8.47	383.48	8.07	86.94	3.079	1303.9	0.800	5.05	16.19
-44.4	50.132	333.61	146.00	187.61	1.606	0.785	0.764	1.144	8.47	382.87	8.08	86.90	3.094	1303.6	0.800	5.04	16.17
-44.3	50.386	333.68	146.11	187.57	1.606	0.786	0.764	1.145	8.47	382.26	8.09	86.87	3.108	1303.4	0.800	5.04	16.16
-44.2	50.642	333.75	146.23	187.52	1.606	0.786	0.764	1.145	8.48	381.66	8.10	86.83	3.123	1303.1	0.800	5.03	16.14
-44.1	50.899	333.81	146.34	187.47	1.605	0.787	0.765	1.145	8.48	381.05	8.11	86.79	3.138	1302.8	0.800	5.03	16.12
-44	51.157	333.88	146.46	187.42	1.605	0.787	0.765	1.145	8.48	380.45	8.11	86.76	3.153	1302.6	0.800	5.02	16.11
-43.9	51.416	333.95	146.57	187.38	1.605	0.788	0.765	1.146	8.49	379.85	8.12	86.72	3.168	1302.3	0.800	5.02	16.09
-43.8	51.676	334.02	146.69	187.33	1.605	0.788	0.766	1.146	8.49	379.25	8.13	86.68	3.183	1302.0	0.800	5.01	16.08
-43.7	51.937	334.08	146.80	187.28	1.605	0.789	0.766	1.146	8.50	378.66	8.14	86.65	3.198	1301.8	0.800	5.01	16.06
-43.6	52.200	334.15	146.92	187.23	1.605	0.789	0.766	1.147	8.50	378.06	8.15	86.61	3.213	1301.5	0.799	5.01	16.04
-43.5	52.463	334.22	147.03	187.19	1.605	0.790	0.767	1.147	8.50	377.47	8.15	86.58	3.228	1301.2	0.799	5.00	16.03
-43.4	52.727	334.29	147.15	187.14	1.605	0.790	0.767	1.147	8.51	376.87	8.16	86.54	3.243	1301.0	0.799	5.00	16.01
-43.3	52.993	334.35	147.26	187.09	1.605	0.791	0.767	1.148	8.51	376.28	8.17	86.50	3.258	1300.7	0.799	4.99	16.00
-43.2	53.259	334.42	147.38	187.04	1.605	0.791	0.767	1.148	8.51	375.69	8.18	86.47	3.274	1300.4	0.799	4.99	15.98
-43.1	53.526	334.49	147.49	187.00	1.605	0.792	0.768	1.148	8.52	375.10	8.19	86.43	3.289	1300.2	0.799	4.98	15.96
-43	53.795	334.56	147.61	186.95	1.605	0.792	0.768	1.148	8.52	374.52	8.19	86.39	3.305	1299.9	0.799	4.98	15.95
-42.9	54.065	334.62	147.72	186.90	1.605	0.793	0.768	1.149	8.52	373.93	8.20	86.36	3.320	1299.6	0.799	4.97	15.93
-42.8	54.335	334.69	147.84	186.85	1.605	0.793	0.769	1.149	8.53	373.35	8.21	86.32	3.336	1299.4	0.799	4.97	15.91
-42.7	54.607	334.76	147.95	186.81	1.605	0.794	0.769	1.149	8.53	372.76	8.22	86.28	3.351	1299.1	0.798	4.97	15.90
-42.6	54.880	334.83	148.07	186.76	1.605	0.794	0.769	1.150	8.54	372.18	8.23	86.25	3.367	1298.8	0.798	4.96	15.88
-42.5	55.154	334.89	148.18	186.71	1.604	0.795	0.770	1.150	8.54	371.60	8.23	86.21	3.382	1298.6	0.798	4.96	15.87

-42.4	55.429	334.96	148.30	186.66	1.604	0.795	0.770	1.150	8.54	371.02	8.24	86.18	3.398	1298.3	0.798	4.95	15.85
-42.3	55.705	335.03	148.41	186.62	1.604	0.796	0.770	1.151	8.55	370.45	8.25	86.14	3.414	1298.0	0.798	4.95	15.83
-42.2	55.983	335.09	148.53	186.57	1.604	0.796	0.771	1.151	8.55	369.87	8.26	86.10	3.430	1297.8	0.798	4.94	15.82
-42.1	56.261	335.16	148.64	186.52	1.604	0.797	0.771	1.151	8.55	369.30	8.26	86.07	3.446	1297.5	0.798	4.94	15.80
-42	56.540	335.23	148.76	186.47	1.604	0.797	0.771	1.151	8.56	368.72	8.27	86.03	3.462	1297.2	0.798	4.94	15.79
-41.9	56.821	335.30	148.87	186.42	1.604	0.798	0.772	1.152	8.56	368.15	8.28	85.99	3.478	1297.0	0.798	4.93	15.77
-41.8	57.103	335.36	148.99	186.38	1.604	0.798	0.772	1.152	8.56	367.58	8.29	85.96	3.494	1296.7	0.798	4.93	15.75
-41.7	57.386	335.43	149.10	186.33	1.604	0.799	0.772	1.152	8.57	367.01	8.30	85.92	3.510	1296.4	0.797	4.92	15.74
-41.6	57.669	335.50	149.22	186.28	1.604	0.799	0.773	1.153	8.57	366.44	8.30	85.89	3.527	1296.2	0.797	4.92	15.72
-41.5	57.954	335.57	149.33	186.23	1.604	0.800	0.773	1.153	8.57	365.88	8.31	85.85	3.543	1295.9	0.797	4.91	15.71
-41.4	58.241	335.63	149.45	186.18	1.604	0.800	0.773	1.153	8.58	365.31	8.32	85.81	3.559	1295.6	0.797	4.91	15.69
-41.3	58.528	335.70	149.56	186.14	1.604	0.801	0.774	1.154	8.58	364.75	8.33	85.78	3.576	1295.4	0.797	4.91	15.67
-41.2	58.816	335.77	149.68	186.09	1.604	0.801	0.774	1.154	8.59	364.19	8.34	85.74	3.592	1295.1	0.797	4.90	15.66
-41.1	59.106	335.84	149.80	186.04	1.604	0.802	0.774	1.154	8.59	363.62	8.34	85.70	3.609	1294.8	0.797	4.90	15.64
-41	59.397	335.90	149.91	185.99	1.604	0.802	0.775	1.154	8.59	363.06	8.35	85.67	3.625	1294.6	0.797	4.89	15.62
-40.9	59.688	335.97	150.03	185.94	1.604	0.803	0.775	1.155	8.60	362.51	8.36	85.63	3.642	1294.3	0.797	4.89	15.61
-40.8	59.981	336.04	150.14	185.90	1.603	0.803	0.775	1.155	8.60	361.95	8.37	85.60	3.659	1294.0	0.797	4.88	15.59
-40.7	60.276	336.11	150.26	185.85	1.603	0.804	0.775	1.155	8.60	361.39	8.38	85.56	3.675	1293.8	0.797	4.88	15.58
-40.6	60.571	336.17	150.37	185.80	1.603	0.804	0.776	1.156	8.61	360.84	8.38	85.52	3.692	1293.5	0.796	4.88	15.56
-40.5	60.867	336.24	150.49	185.75	1.603	0.805	0.776	1.156	8.61	360.29	8.39	85.49	3.709	1293.2	0.796	4.87	15.54
-40.4	61.165	336.31	150.61	185.70	1.603	0.805	0.776	1.156	8.61	359.73	8.40	85.45	3.726	1292.9	0.796	4.87	15.53
-40.3	61.463	336.38	150.72	185.65	1.603	0.806	0.777	1.157	8.62	359.18	8.41	85.41	3.743	1292.7	0.796	4.86	15.51
-40.2	61.763	336.44	150.84	185.61	1.603	0.806	0.777	1.157	8.62	358.63	8.42	85.38	3.760	1292.4	0.796	4.86	15.50
-40.1	62.064	336.51	150.95	185.56	1.603	0.807	0.777	1.157	8.62	358.09	8.42	85.34	3.777	1292.1	0.796	4.86	15.48
-40	62.367	336.58	151.07	185.51	1.603	0.807	0.778	1.157	8.63	357.54	8.43	85.31	3.795	1291.9	0.796	4.85	15.46
-39.9	62.670	336.64	151.18	185.46	1.603	0.808	0.778	1.158	8.63	356.99	8.44	85.27	3.812	1291.6	0.796	4.85	15.45
-39.8	62.975	336.71	151.30	185.41	1.603	0.808	0.778	1.158	8.64	356.45	8.45	85.23	3.829	1291.3	0.796	4.84	15.43
-39.7	63.280	336.78	151.42	185.36	1.603	0.809	0.779	1.158	8.64	355.91	8.46	85.20	3.847	1291.1	0.796	4.84	15.42
-39.6	63.587	336.85	151.53	185.31	1.603	0.809	0.779	1.159	8.64	355.36	8.46	85.16	3.864	1290.8	0.796	4.84	15.40
-39.5	63.895	336.91	151.65	185.27	1.603	0.810	0.779	1.159	8.65	354.82	8.47	85.13	3.881	1290.5	0.795	4.83	15.38
-39.4	64.205	336.98	151.76	185.22	1.603	0.810	0.780	1.159	8.65	354.28	8.48	85.09	3.899	1290.3	0.795	4.83	15.37
-39.3	64.515	337.05	151.88	185.17	1.603	0.811	0.780	1.160	8.65	353.75	8.49	85.05	3.917	1290.0	0.795	4.82	15.35
-39.2	64.827	337.12	152.00	185.12	1.603	0.811	0.780	1.160	8.66	353.21	8.49	85.02	3.934	1289.7	0.795	4.82	15.34
-39.1	65.140	337.18	152.11	185.07	1.603	0.812	0.781	1.160	8.66	352.67	8.50	84.98	3.952	1289.4	0.795	4.81	15.32
-39	65.454	337.25	152.23	185.02	1.603	0.812	0.781	1.161	8.66	352.14	8.51	84.94	3.970	1289.2	0.795	4.81	15.30
-38.9	65.769	337.32	152.35	184.97	1.602	0.813	0.781	1.161	8.67	351.61	8.52	84.91	3.988	1288.9	0.795	4.81	15.29
-38.8	66.086	337.39	152.46	184.93	1.602	0.813	0.782	1.161	8.67	351.07	8.53	84.87	4.006	1288.6	0.795	4.80	15.27
-38.7	66.403	337.45	152.58	184.88	1.602	0.814	0.782	1.161	8.67	350.54	8.53	84.84	4.024	1288.4	0.795	4.80	15.26
-38.6	66.722	337.52	152.69	184.83	1.602	0.814	0.782	1.162	8.68	350.01	8.54	84.80	4.042	1288.1	0.795	4.80	15.24
-38.5	67.042	337.59	152.81	184.78	1.602	0.815	0.783	1.162	8.68	349.49	8.55	84.76	4.060	1287.8	0.795	4.79	15.23

-38.4	67.364	337.66	152.93	184.73	1.602	0.815	0.783	1.162	8.69	348.96	8.56	84.73	4.078	1287.6	0.795	4.79	15.21
-38.3	67.686	337.72	153.04	184.68	1.602	0.816	0.783	1.163	8.69	348.43	8.57	84.69	4.097	1287.3	0.795	4.78	15.19
-38.2	68.010	337.79	153.16	184.63	1.602	0.816	0.784	1.163	8.69	347.91	8.57	84.66	4.115	1287.0	0.794	4.78	15.18
-38.1	68.335	337.86	153.28	184.58	1.602	0.817	0.784	1.163	8.70	347.39	8.58	84.62	4.133	1286.7	0.794	4.78	15.16
-38	68.661	337.93	153.39	184.53	1.602	0.817	0.784	1.164	8.70	346.86	8.59	84.58	4.152	1286.5	0.794	4.77	15.15
-37.9	68.989	337.99	153.51	184.48	1.602	0.818	0.785	1.164	8.70	346.34	8.60	84.55	4.170	1286.2	0.794	4.77	15.13
-37.8	69.317	338.06	153.63	184.44	1.602	0.818	0.785	1.164	8.71	345.82	8.61	84.51	4.189	1285.9	0.794	4.76	15.11
-37.7	69.647	338.13	153.74	184.39	1.602	0.819	0.785	1.164	8.71	345.30	8.61	84.48	4.208	1285.7	0.794	4.76	15.10
-37.6	69.979	338.20	153.86	184.34	1.602	0.819	0.786	1.165	8.71	344.79	8.62	84.44	4.226	1285.4	0.794	4.76	15.08
-37.5	70.311	338.26	153.97	184.29	1.602	0.820	0.786	1.165	8.72	344.27	8.63	84.40	4.245	1285.1	0.794	4.75	15.07
-37.4	70.645	338.33	154.09	184.24	1.602	0.820	0.786	1.165	8.72	343.76	8.64	84.37	4.264	1284.8	0.794	4.75	15.05
-37.3	70.980	338.40	154.21	184.19	1.602	0.821	0.787	1.166	8.72	343.24	8.65	84.33	4.283	1284.6	0.794	4.74	15.03
-37.2	71.316	338.47	154.33	184.14	1.602	0.821	0.787	1.166	8.73	342.73	8.65	84.30	4.302	1284.3	0.794	4.74	15.02
-37.1	71.654	338.53	154.44	184.09	1.602	0.822	0.787	1.166	8.73	342.22	8.66	84.26	4.321	1284.0	0.794	4.74	15.00
-37	71.992	338.60	154.56	184.04	1.602	0.822	0.788	1.167	8.74	341.71	8.67	84.22	4.340	1283.8	0.794	4.73	14.99
-36.9	72.332	338.67	154.68	183.99	1.602	0.823	0.788	1.167	8.74	341.20	8.68	84.19	4.359	1283.5	0.793	4.73	14.97
-36.8	72.674	338.74	154.79	183.94	1.601	0.823	0.788	1.167	8.74	340.69	8.68	84.15	4.379	1283.2	0.793	4.73	14.95
-36.7	73.016	338.80	154.91	183.89	1.601	0.824	0.789	1.168	8.75	340.18	8.69	84.12	4.398	1282.9	0.793	4.72	14.94
-36.6	73.360	338.87	155.03	183.84	1.601	0.824	0.789	1.168	8.75	339.68	8.70	84.08	4.417	1282.7	0.793	4.72	14.92
-36.5	73.705	338.94	155.14	183.79	1.601	0.825	0.789	1.168	8.75	339.17	8.71	84.04	4.437	1282.4	0.793	4.71	14.91
-36.4	74.052	339.01	155.26	183.75	1.601	0.825	0.790	1.168	8.76	338.67	8.72	84.01	4.456	1282.1	0.793	4.71	14.89
-36.3	74.399	339.07	155.38	183.70	1.601	0.826	0.790	1.169	8.76	338.16	8.72	83.97	4.476	1281.9	0.793	4.71	14.88
-36.2	74.748	339.14	155.49	183.65	1.601	0.826	0.790	1.169	8.76	337.66	8.73	83.94	4.496	1281.6	0.793	4.70	14.86
-36.1	75.099	339.21	155.61	183.60	1.601	0.827	0.791	1.169	8.77	337.16	8.74	83.90	4.515	1281.3	0.793	4.70	14.84
-36	75.450	339.28	155.73	183.55	1.601	0.827	0.791	1.170	8.77	336.66	8.75	83.86	4.535	1281.0	0.793	4.70	14.83
-35.9	75.803	339.34	155.85	183.50	1.601	0.828	0.791	1.170	8.77	336.17	8.76	83.83	4.555	1280.8	0.793	4.69	14.81
-35.8	76.158	339.41	155.96	183.45	1.601	0.828	0.791	1.170	8.78	335.67	8.76	83.79	4.575	1280.5	0.793	4.69	14.80
-35.7	76.513	339.48	156.08	183.40	1.601	0.829	0.792	1.171	8.78	335.17	8.77	83.76	4.595	1280.2	0.793	4.68	14.78
-35.6	76.870	339.55	156.20	183.35	1.601	0.829	0.792	1.171	8.79	334.68	8.78	83.72	4.615	1279.9	0.793	4.68	14.76
-35.5	77.228	339.61	156.31	183.30	1.601	0.830	0.792	1.171	8.79	334.18	8.79	83.69	4.635	1279.7	0.793	4.68	14.75
-35.4	77.588	339.68	156.43	183.25	1.601	0.830	0.793	1.172	8.79	333.69	8.80	83.65	4.656	1279.4	0.793	4.67	14.73
-35.3	77.948	339.75	156.55	183.20	1.601	0.831	0.793	1.172	8.80	333.20	8.80	83.61	4.676	1279.1	0.792	4.67	14.72
-35.2	78.311	339.81	156.67	183.15	1.601	0.831	0.793	1.172	8.80	332.71	8.81	83.58	4.696	1278.9	0.792	4.67	14.70
-35.1	78.674	339.88	156.78	183.10	1.601	0.832	0.794	1.172	8.80	332.22	8.82	83.54	4.717	1278.6	0.792	4.66	14.69
-35	79.039	339.95	156.90	183.05	1.601	0.832	0.794	1.173	8.81	331.73	8.83	83.51	4.737	1278.3	0.792	4.66	14.67
-34.9	79.405	340.02	157.02	183.00	1.601	0.833	0.794	1.173	8.81	331.25	8.84	83.47	4.758	1278.0	0.792	4.66	14.65
-34.8	79.772	340.08	157.14	182.95	1.601	0.833	0.795	1.173	8.81	330.76	8.84	83.43	4.778	1277.8	0.792	4.65	14.64
-34.7	80.141	340.15	157.25	182.90	1.601	0.834	0.795	1.174	8.82	330.27	8.85	83.40	4.799	1277.5	0.792	4.65	14.62
-34.6	80.511	340.22	157.37	182.85	1.601	0.834	0.795	1.174	8.82	329.79	8.86	83.36	4.820	1277.2	0.792	4.64	14.61
-34.5	80.883	340.29	157.49	182.80	1.601	0.835	0.796	1.174	8.82	329.31	8.87	83.33	4.841	1276.9	0.792	4.64	14.59

-34.4	81.256	340.35	157.61	182.75	1.600	0.835	0.796	1.175	8.83	328.83	8.87	83.29	4.862	1276.7	0.792	4.64	14.58
-34.3	81.630	340.42	157.72	182.70	1.600	0.836	0.796	1.175	8.83	328.34	8.88	83.26	4.883	1276.4	0.792	4.63	14.56
-34.2	82.006	340.49	157.84	182.65	1.600	0.836	0.797	1.175	8.84	327.87	8.89	83.22	4.904	1276.1	0.792	4.63	14.54
-34.1	82.383	340.56	157.96	182.60	1.600	0.837	0.797	1.176	8.84	327.39	8.90	83.18	4.925	1275.8	0.792	4.63	14.53
-34	82.761	340.62	158.08	182.55	1.600	0.837	0.797	1.176	8.84	326.91	8.91	83.15	4.946	1275.6	0.792	4.62	14.51
-33.9	83.141	340.69	158.19	182.50	1.600	0.837	0.798	1.176	8.85	326.43	8.91	83.11	4.967	1275.3	0.792	4.62	14.50
-33.8	83.522	340.76	158.31	182.45	1.600	0.838	0.798	1.176	8.85	325.96	8.92	83.08	4.989	1275.0	0.792	4.62	14.48
-33.7	83.904	340.83	158.43	182.40	1.600	0.838	0.799	1.177	8.85	325.48	8.93	83.04	5.010	1274.8	0.792	4.61	14.47
-33.6	84.288	340.89	158.55	182.35	1.600	0.839	0.799	1.177	8.86	325.01	8.94	83.01	5.032	1274.5	0.792	4.61	14.45
-33.5	84.673	340.96	158.67	182.30	1.600	0.839	0.799	1.177	8.86	324.54	8.95	82.97	5.053	1274.2	0.792	4.61	14.43
-33.4	85.060	341.03	158.78	182.25	1.600	0.840	0.800	1.178	8.86	324.06	8.95	82.93	5.075	1273.9	0.791	4.60	14.42
-33.3	85.448	341.10	158.90	182.20	1.600	0.840	0.800	1.178	8.87	323.59	8.96	82.90	5.097	1273.7	0.791	4.60	14.40
-33.2	85.837	341.16	159.02	182.15	1.600	0.841	0.800	1.178	8.87	323.12	8.97	82.86	5.118	1273.4	0.791	4.59	14.39
-33.1	86.228	341.23	159.14	182.09	1.600	0.841	0.801	1.179	8.87	322.66	8.98	82.83	5.140	1273.1	0.791	4.59	14.37
-33	86.620	341.30	159.26	182.04	1.600	0.842	0.801	1.179	8.88	322.19	8.99	82.79	5.162	1272.8	0.791	4.59	14.36
-32.9	87.014	341.37	159.37	181.99	1.600	0.842	0.801	1.179	8.88	321.72	8.99	82.76	5.184	1272.6	0.791	4.58	14.34
-32.8	87.409	341.43	159.49	181.94	1.600	0.843	0.802	1.180	8.88	321.26	9.00	82.72	5.206	1272.3	0.791	4.58	14.32
-32.7	87.805	341.50	159.61	181.89	1.600	0.843	0.802	1.180	8.89	320.79	9.01	82.68	5.228	1272.0	0.791	4.58	14.31
-32.6	88.203	341.57	159.73	181.84	1.600	0.844	0.802	1.180	8.89	320.33	9.02	82.65	5.251	1271.7	0.791	4.57	14.29
-32.5	88.602	341.64	159.85	181.79	1.600	0.844	0.803	1.180	8.90	319.87	9.03	82.61	5.273	1271.5	0.791	4.57	14.28
-32.4	89.003	341.70	159.96	181.74	1.600	0.845	0.803	1.181	8.90	319.41	9.03	82.58	5.295	1271.2	0.791	4.57	14.26
-32.3	89.405	341.77	160.08	181.69	1.600	0.845	0.803	1.181	8.90	318.95	9.04	82.54	5.318	1270.9	0.791	4.56	14.25
-32.2	89.809	341.84	160.20	181.64	1.600	0.846	0.804	1.181	8.91	318.49	9.05	82.51	5.340	1270.6	0.791	4.56	14.23
-32.1	90.214	341.91	160.32	181.59	1.600	0.846	0.804	1.182	8.91	318.03	9.06	82.47	5.363	1270.3	0.791	4.56	14.22
-32	90.620	341.97	160.44	181.54	1.600	0.847	0.804	1.182	8.91	317.57	9.06	82.43	5.386	1270.1	0.791	4.55	14.20
-31.9	91.028	342.04	160.56	181.49	1.600	0.847	0.805	1.182	8.92	317.11	9.07	82.40	5.408	1269.8	0.791	4.55	14.18
-31.8	91.437	342.11	160.67	181.43	1.600	0.848	0.805	1.183	8.92	316.66	9.08	82.36	5.431	1269.5	0.791	4.55	14.17
-31.7	91.848	342.18	160.79	181.38	1.599	0.848	0.805	1.183	8.92	316.20	9.09	82.33	5.454	1269.2	0.791	4.54	14.15
-31.6	92.260	342.24	160.91	181.33	1.599	0.849	0.806	1.183	8.93	315.75	9.10	82.29	5.477	1269.0	0.791	4.54	14.14
-31.5	92.674	342.31	161.03	181.28	1.599	0.849	0.806	1.184	8.93	315.30	9.10	82.26	5.500	1268.7	0.791	4.54	14.12
-31.4	93.089	342.38	161.15	181.23	1.599	0.850	0.806	1.184	8.93	314.85	9.11	82.22	5.523	1268.4	0.791	4.53	14.11
-31.3	93.506	342.45	161.27	181.18	1.599	0.850	0.807	1.184	8.94	314.39	9.12	82.19	5.546	1268.1	0.791	4.53	14.09
-31.2	93.924	342.51	161.39	181.13	1.599	0.851	0.807	1.185	8.94	313.94	9.13	82.15	5.570	1267.9	0.791	4.53	14.07
-31.1	94.343	342.58	161.50	181.08	1.599	0.851	0.807	1.185	8.95	313.50	9.14	82.11	5.593	1267.6	0.790	4.52	14.06
-31	94.764	342.65	161.62	181.03	1.599	0.852	0.808	1.185	8.95	313.05	9.14	82.08	5.617	1267.3	0.790	4.52	14.04
-30.9	95.187	342.72	161.74	180.97	1.599	0.852	0.808	1.185	8.95	312.60	9.15	82.04	5.640	1267.0	0.790	4.52	14.03
-30.8	95.611	342.78	161.86	180.92	1.599	0.853	0.808	1.186	8.96	312.16	9.16	82.01	5.664	1266.8	0.790	4.51	14.01
-30.7	96.036	342.85	161.98	180.87	1.599	0.853	0.809	1.186	8.96	311.71	9.17	81.97	5.687	1266.5	0.790	4.51	14.00
-30.6	96.463	342.92	162.10	180.82	1.599	0.854	0.809	1.186	8.96	311.27	9.18	81.94	5.711	1266.2	0.790	4.51	13.98
-30.5	96.892	342.99	162.22	180.77	1.599	0.854	0.809	1.187	8.97	310.82	9.18	81.90	5.735	1265.9	0.790	4.50	13.97

-30.4	97.322	343.05	162.33	180.72	1.599	0.855	0.810	1.187	8.97	310.38	9.19	81.87	5.759	1265.7	0.790	4.50	13.95
-30.3	97.753	343.12	162.45	180.67	1.599	0.855	0.810	1.187	8.97	309.94	9.20	81.83	5.783	1265.4	0.790	4.50	13.93
-30.2	98.186	343.19	162.57	180.61	1.599	0.856	0.810	1.188	8.98	309.50	9.21	81.80	5.807	1265.1	0.790	4.49	13.92
-30.1	98.620	343.26	162.69	180.56	1.599	0.856	0.811	1.188	8.98	309.06	9.21	81.76	5.831	1264.8	0.790	4.49	13.90
-30	99.056	343.32	162.81	180.51	1.599	0.857	0.811	1.188	8.98	308.62	9.22	81.72	5.855	1264.5	0.790	4.49	13.89
-29.9	99.494	343.39	162.93	180.46	1.599	0.857	0.811	1.189	8.99	308.18	9.23	81.69	5.880	1264.3	0.790	4.48	13.87
-29.8	99.933	343.46	163.05	180.41	1.599	0.858	0.812	1.189	8.99	307.75	9.24	81.65	5.904	1264.0	0.790	4.48	13.86
-29.7	100.373	343.52	163.17	180.36	1.599	0.858	0.812	1.189	9.00	307.31	9.25	81.62	5.928	1263.7	0.790	4.48	13.84
-29.6	100.815	343.59	163.29	180.31	1.599	0.859	0.812	1.190	9.00	306.88	9.25	81.58	5.953	1263.4	0.790	4.47	13.83
-29.5	101.259	343.66	163.41	180.25	1.599	0.859	0.813	1.190	9.00	306.44	9.26	81.55	5.978	1263.2	0.790	4.47	13.81
-29.4	101.704	343.73	163.53	180.20	1.599	0.860	0.813	1.190	9.01	306.01	9.27	81.51	6.002	1262.9	0.790	4.47	13.79
-29.3	102.151	343.79	163.64	180.15	1.599	0.860	0.813	1.191	9.01	305.58	9.28	81.48	6.027	1262.6	0.790	4.46	13.78
-29.2	102.599	343.86	163.76	180.10	1.599	0.860	0.814	1.191	9.01	305.14	9.29	81.44	6.052	1262.3	0.790	4.46	13.76
-29.1	103.048	343.93	163.88	180.05	1.599	0.861	0.814	1.191	9.02	304.71	9.29	81.41	6.077	1262.0	0.790	4.46	13.75
-29	103.500	344.00	164.00	179.99	1.599	0.861	0.815	1.191	9.02	304.28	9.30	81.37	6.102	1261.8	0.790	4.46	13.73
-28.9	103.953	344.06	164.12	179.94	1.599	0.862	0.815	1.192	9.02	303.86	9.31	81.33	6.127	1261.5	0.790	4.45	13.72
-28.8	104.407	344.13	164.24	179.89	1.599	0.862	0.815	1.192	9.03	303.43	9.32	81.30	6.152	1261.2	0.790	4.45	13.70
-28.7	104.863	344.20	164.36	179.84	1.599	0.863	0.816	1.192	9.03	303.00	9.33	81.26	6.177	1260.9	0.790	4.45	13.69
-28.6	105.320	344.27	164.48	179.79	1.599	0.863	0.816	1.193	9.03	302.58	9.33	81.23	6.203	1260.6	0.790	4.44	13.67
-28.5	105.779	344.33	164.60	179.73	1.599	0.864	0.816	1.193	9.04	302.15	9.34	81.19	6.228	1260.4	0.790	4.44	13.66
-28.4	106.240	344.40	164.72	179.68	1.599	0.864	0.817	1.193	9.04	301.73	9.35	81.16	6.254	1260.1	0.790	4.44	13.64
-28.3	106.702	344.47	164.84	179.63	1.598	0.865	0.817	1.194	9.05	301.30	9.36	81.12	6.279	1259.8	0.790	4.43	13.62
-28.2	107.166	344.54	164.96	179.58	1.598	0.865	0.817	1.194	9.05	300.88	9.37	81.09	6.305	1259.5	0.790	4.43	13.61
-28.1	107.631	344.60	165.08	179.53	1.598	0.866	0.818	1.194	9.05	300.46	9.37	81.05	6.331	1259.2	0.790	4.43	13.59
-28	108.098	344.67	165.20	179.47	1.598	0.866	0.818	1.195	9.06	300.04	9.38	81.02	6.357	1259.0	0.790	4.42	13.58
-27.9	108.567	344.74	165.32	179.42	1.598	0.867	0.818	1.195	9.06	299.62	9.39	80.98	6.383	1258.7	0.790	4.42	13.56
-27.8	109.037	344.81	165.44	179.37	1.598	0.867	0.819	1.195	9.06	299.20	9.40	80.95	6.409	1258.4	0.790	4.42	13.55
-27.7	109.509	344.87	165.56	179.32	1.598	0.868	0.819	1.196	9.07	298.78	9.40	80.91	6.435	1258.1	0.790	4.41	13.53
-27.6	109.982	344.94	165.68	179.26	1.598	0.868	0.819	1.196	9.07	298.36	9.41	80.88	6.461	1257.9	0.790	4.41	13.52
-27.5	110.457	345.01	165.80	179.21	1.598	0.869	0.820	1.196	9.07	297.95	9.42	80.84	6.487	1257.6	0.790	4.41	13.50
-27.4	110.933	345.07	165.92	179.16	1.598	0.869	0.820	1.197	9.08	297.53	9.43	80.81	6.513	1257.3	0.790	4.41	13.49
-27.3	111.411	345.14	166.04	179.11	1.598	0.870	0.820	1.197	9.08	297.12	9.44	80.77	6.540	1257.0	0.790	4.40	13.47
-27.2	111.891	345.21	166.15	179.05	1.598	0.870	0.821	1.197	9.08	296.70	9.44	80.73	6.566	1256.7	0.789	4.40	13.46
-27.1	112.373	345.28	166.27	179.00	1.598	0.871	0.821	1.197	9.09	296.29	9.45	80.70	6.593	1256.5	0.789	4.40	13.44
-27	112.856	345.34	166.39	178.95	1.598	0.871	0.821	1.198	9.09	295.88	9.46	80.66	6.620	1256.2	0.789	4.39	13.42
-26.9	113.340	345.41	166.51	178.90	1.598	0.872	0.822	1.198	9.09	295.46	9.47	80.63	6.646	1255.9	0.789	4.39	13.41
-26.8	113.826	345.48	166.63	178.84	1.598	0.872	0.822	1.198	9.10	295.05	9.48	80.59	6.673	1255.6	0.789	4.39	13.39
-26.7	114.314	345.55	166.75	178.79	1.598	0.873	0.823	1.199	9.10	294.64	9.48	80.56	6.700	1255.3	0.789	4.38	13.38
-26.6	114.804	345.61	166.87	178.74	1.598	0.873	0.823	1.199	9.11	294.24	9.49	80.52	6.727	1255.0	0.789	4.38	13.36
-26.5	115.295	345.68	166.99	178.69	1.598	0.874	0.823	1.199	9.11	293.83	9.50	80.49	6.754	1254.8	0.789	4.38	13.35

-26.4	115.788	345.75	167.12	178.63	1.598	0.874	0.824	1.200	9.11	293.42	9.51	80.45	6.781	1254.5	0.789	4.38	13.33
-26.3	116.282	345.82	167.24	178.58	1.598	0.875	0.824	1.200	9.12	293.01	9.52	80.42	6.809	1254.2	0.789	4.37	13.32
-26.2	116.778	345.88	167.36	178.53	1.598	0.875	0.824	1.200	9.12	292.61	9.52	80.38	6.836	1253.9	0.789	4.37	13.30
-26.1	117.276	345.95	167.48	178.47	1.598	0.876	0.825	1.201	9.12	292.20	9.53	80.35	6.864	1253.6	0.789	4.37	13.29
-26	117.775	346.02	167.60	178.42	1.598	0.876	0.825	1.201	9.13	291.80	9.54	80.31	6.891	1253.4	0.789	4.36	13.27
-25.9	118.276	346.09	167.72	178.37	1.598	0.877	0.825	1.201	9.13	291.40	9.55	80.28	6.919	1253.1	0.789	4.36	13.26
-25.8	118.779	346.15	167.84	178.32	1.598	0.877	0.826	1.202	9.13	290.99	9.56	80.24	6.946	1252.8	0.789	4.36	13.24
-25.7	119.283	346.22	167.96	178.26	1.598	0.877	0.826	1.202	9.14	290.59	9.56	80.21	6.974	1252.5	0.789	4.35	13.22
-25.6	119.790	346.29	168.08	178.21	1.598	0.878	0.826	1.202	9.14	290.19	9.57	80.17	7.002	1252.2	0.789	4.35	13.21
-25.5	120.297	346.35	168.20	178.16	1.598	0.878	0.827	1.203	9.14	289.79	9.58	80.14	7.030	1252.0	0.789	4.35	13.19
-25.4	120.807	346.42	168.32	178.10	1.598	0.879	0.827	1.203	9.15	289.39	9.59	80.10	7.058	1251.7	0.789	4.35	13.18
-25.3	121.318	346.49	168.44	178.05	1.598	0.879	0.827	1.203	9.15	288.99	9.59	80.07	7.086	1251.4	0.789	4.34	13.16
-25.2	121.831	346.56	168.56	178.00	1.598	0.880	0.828	1.204	9.16	288.59	9.60	80.03	7.114	1251.1	0.789	4.34	13.15
-25.1	122.345	346.62	168.68	177.94	1.598	0.880	0.828	1.204	9.16	288.20	9.61	80.00	7.143	1250.8	0.789	4.34	13.13
-25	122.861	346.69	168.80	177.89	1.598	0.881	0.829	1.204	9.16	287.80	9.62	79.96	7.171	1250.5	0.789	4.33	13.12
-24.9	123.379	346.76	168.92	177.84	1.598	0.881	0.829	1.204	9.17	287.41	9.63	79.93	7.200	1250.3	0.789	4.33	13.10
-24.8	123.899	346.83	169.04	177.78	1.598	0.882	0.829	1.205	9.17	287.01	9.63	79.89	7.228	1250.0	0.789	4.33	13.09
-24.7	124.420	346.89	169.16	177.73	1.598	0.882	0.830	1.205	9.17	286.62	9.64	79.86	7.257	1249.7	0.789	4.33	13.07
-24.6	124.943	346.96	169.28	177.68	1.598	0.883	0.830	1.205	9.18	286.22	9.65	79.82	7.286	1249.4	0.789	4.32	13.06
-24.5	125.468	347.03	169.40	177.62	1.598	0.883	0.830	1.206	9.18	285.83	9.66	79.79	7.315	1249.1	0.789	4.32	13.04
-24.4	125.994	347.09	169.52	177.57	1.598	0.884	0.831	1.206	9.18	285.44	9.67	79.75	7.344	1248.8	0.789	4.32	13.03
-24.3	126.523	347.16	169.65	177.52	1.598	0.884	0.831	1.206	9.19	285.05	9.67	79.72	7.373	1248.6	0.789	4.31	13.01
-24.2	127.052	347.23	169.77	177.46	1.598	0.885	0.831	1.207	9.19	284.66	9.68	79.68	7.402	1248.3	0.789	4.31	13.00
-24.1	127.584	347.30	169.89	177.41	1.598	0.885	0.832	1.207	9.19	284.27	9.69	79.65	7.431	1248.0	0.789	4.31	12.98
-24	128.117	347.36	170.01	177.36	1.598	0.886	0.832	1.207	9.20	283.88	9.70	79.61	7.460	1247.7	0.789	4.31	12.97
-23.9	128.653	347.43	170.13	177.30	1.598	0.886	0.832	1.208	9.20	283.49	9.71	79.58	7.490	1247.4	0.789	4.30	12.95
-23.8	129.189	347.50	170.25	177.25	1.598	0.887	0.833	1.208	9.21	283.11	9.71	79.54	7.519	1247.1	0.789	4.30	12.93
-23.7	129.728	347.57	170.37	177.19	1.598	0.887	0.833	1.208	9.21	282.72	9.72	79.51	7.549	1246.9	0.789	4.30	12.92
-23.6	130.268	347.63	170.49	177.14	1.597	0.888	0.834	1.209	9.21	282.34	9.73	79.47	7.578	1246.6	0.789	4.29	12.90
-23.5	130.811	347.70	170.61	177.09	1.597	0.888	0.834	1.209	9.22	281.95	9.74	79.44	7.608	1246.3	0.789	4.29	12.89
-23.4	131.354	347.77	170.73	177.03	1.597	0.889	0.834	1.209	9.22	281.57	9.75	79.40	7.638	1246.0	0.789	4.29	12.87
-23.3	131.900	347.83	170.86	176.98	1.597	0.889	0.835	1.210	9.22	281.18	9.75	79.37	7.668	1245.7	0.789	4.29	12.86
-23.2	132.447	347.90	170.98	176.93	1.597	0.890	0.835	1.210	9.23	280.80	9.76	79.33	7.698	1245.4	0.789	4.28	12.84
-23.1	132.997	347.97	171.10	176.87	1.597	0.890	0.835	1.210	9.23	280.42	9.77	79.30	7.728	1245.2	0.789	4.28	12.83
-23	133.548	348.04	171.22	176.82	1.597	0.891	0.836	1.211	9.23	280.04	9.78	79.26	7.758	1244.9	0.789	4.28	12.81
-22.9	134.100	348.10	171.34	176.76	1.597	0.891	0.836	1.211	9.24	279.66	9.79	79.23	7.789	1244.6	0.789	4.27	12.80
-22.8	134.655	348.17	171.46	176.71	1.597	0.892	0.836	1.211	9.24	279.28	9.79	79.19	7.819	1244.3	0.789	4.27	12.78
-22.7	135.211	348.24	171.58	176.65	1.597	0.892	0.837	1.212	9.24	278.90	9.80	79.16	7.850	1244.0	0.789	4.27	12.77
-22.6	135.769	348.30	171.70	176.60	1.597	0.892	0.837	1.212	9.25	278.52	9.81	79.12	7.880	1243.7	0.789	4.27	12.75
-22.5	136.329	348.37	171.83	176.55	1.597	0.893	0.838	1.212	9.25	278.15	9.82	79.09	7.911	1243.5	0.789	4.26	12.74

-22.4	136.891	348.44	171.95	176.49	1.597	0.893	0.838	1.213	9.25	277.77	9.82	79.05	7.942	1243.2	0.789	4.26	12.72
-22.3	137.454	348.51	172.07	176.44	1.597	0.894	0.838	1.213	9.26	277.39	9.83	79.02	7.973	1242.9	0.789	4.26	12.71
-22.2	138.019	348.57	172.19	176.38	1.597	0.894	0.839	1.213	9.26	277.02	9.84	78.98	8.004	1242.6	0.789	4.26	12.69
-22.1	138.587	348.64	172.31	176.33	1.597	0.895	0.839	1.214	9.27	276.64	9.85	78.95	8.035	1242.3	0.789	4.25	12.68
-22	139.155	348.71	172.43	176.28	1.597	0.895	0.839	1.214	9.27	276.27	9.86	78.91	8.066	1242.0	0.789	4.25	12.66
-21.9	139.726	348.77	172.55	176.22	1.597	0.896	0.840	1.214	9.27	275.90	9.86	78.88	8.097	1241.7	0.789	4.25	12.65
-21.8	140.299	348.84	172.68	176.17	1.597	0.896	0.840	1.214	9.28	275.52	9.87	78.84	8.128	1241.5	0.789	4.24	12.63
-21.7	140.873	348.91	172.80	176.11	1.597	0.897	0.840	1.215	9.28	275.15	9.88	78.81	8.160	1241.2	0.789	4.24	12.62
-21.6	141.449	348.98	172.92	176.06	1.597	0.897	0.841	1.215	9.28	274.78	9.89	78.77	8.191	1240.9	0.789	4.24	12.60
-21.5	142.027	349.04	173.04	176.00	1.597	0.898	0.841	1.215	9.29	274.41	9.90	78.74	8.223	1240.6	0.789	4.24	12.59
-21.4	142.607	349.11	173.16	175.95	1.597	0.898	0.842	1.216	9.29	274.04	9.90	78.70	8.255	1240.3	0.789	4.23	12.57
-21.3	143.189	349.18	173.28	175.89	1.597	0.899	0.842	1.216	9.29	273.67	9.91	78.67	8.287	1240.0	0.789	4.23	12.56
-21.2	143.772	349.24	173.41	175.84	1.597	0.899	0.842	1.216	9.30	273.31	9.92	78.64	8.319	1239.7	0.789	4.23	12.54
-21.1	144.358	349.31	173.53	175.78	1.597	0.900	0.843	1.217	9.30	272.94	9.93	78.60	8.351	1239.5	0.789	4.23	12.53
-21	144.945	349.38	173.65	175.73	1.597	0.900	0.843	1.217	9.30	272.57	9.94	78.57	8.383	1239.2	0.789	4.22	12.51
-20.9	145.534	349.45	173.77	175.67	1.597	0.901	0.843	1.217	9.31	272.21	9.94	78.53	8.415	1238.9	0.789	4.22	12.50
-20.8	146.125	349.51	173.89	175.62	1.597	0.901	0.844	1.218	9.31	271.84	9.95	78.50	8.447	1238.6	0.789	4.22	12.48
-20.7	146.718	349.58	174.02	175.56	1.597	0.902	0.844	1.218	9.32	271.48	9.96	78.46	8.480	1238.3	0.789	4.21	12.47
-20.6	147.313	349.65	174.14	175.51	1.597	0.902	0.844	1.218	9.32	271.11	9.97	78.43	8.512	1238.0	0.789	4.21	12.45
-20.5	147.909	349.71	174.26	175.45	1.597	0.903	0.845	1.219	9.32	270.75	9.98	78.39	8.545	1237.7	0.789	4.21	12.44
-20.4	148.508	349.78	174.38	175.40	1.597	0.903	0.845	1.219	9.33	270.39	9.98	78.36	8.577	1237.4	0.790	4.21	12.42
-20.3	149.108	349.85	174.50	175.34	1.597	0.904	0.846	1.219	9.33	270.03	9.99	78.32	8.610	1237.2	0.790	4.20	12.41
-20.2	149.710	349.92	174.63	175.29	1.597	0.904	0.846	1.220	9.33	269.66	10.00	78.29	8.643	1236.9	0.790	4.20	12.39
-20.1	150.314	349.98	174.75	175.23	1.597	0.905	0.846	1.220	9.34	269.30	10.01	78.25	8.676	1236.6	0.790	4.20	12.38
-20	150.921	350.05	174.87	175.18	1.597	0.905	0.847	1.220	9.34	268.94	10.02	78.22	8.709	1236.3	0.790	4.20	12.36
-19.9	151.528	350.12	174.99	175.12	1.597	0.905	0.847	1.221	9.34	268.59	10.02	78.18	8.742	1236.0	0.790	4.19	12.35
-19.8	152.138	350.18	175.12	175.07	1.597	0.906	0.847	1.221	9.35	268.23	10.03	78.15	8.776	1235.7	0.790	4.19	12.33
-19.7	152.750	350.25	175.24	175.01	1.597	0.906	0.848	1.221	9.35	267.87	10.04	78.11	8.809	1235.4	0.790	4.19	12.32
-19.6	153.364	350.32	175.36	174.96	1.597	0.907	0.848	1.222	9.35	267.51	10.05	78.08	8.843	1235.1	0.790	4.19	12.30
-19.5	153.979	350.39	175.48	174.90	1.597	0.907	0.848	1.222	9.36	267.16	10.06	78.05	8.876	1234.9	0.790	4.18	12.29
-19.4	154.597	350.45	175.60	174.85	1.597	0.908	0.849	1.222	9.36	266.80	10.06	78.01	8.910	1234.6	0.790	4.18	12.27
-19.3	155.216	350.52	175.73	174.79	1.597	0.908	0.849	1.223	9.37	266.44	10.07	77.98	8.944	1234.3	0.790	4.18	12.26
-19.2	155.837	350.59	175.85	174.74	1.597	0.909	0.850	1.223	9.37	266.09	10.08	77.94	8.978	1234.0	0.790	4.18	12.24
-19.1	156.460	350.65	175.97	174.68	1.597	0.909	0.850	1.223	9.37	265.74	10.09	77.91	9.012	1233.7	0.790	4.17	12.23
-19	157.086	350.72	176.09	174.63	1.597	0.910	0.850	1.224	9.38	265.38	10.09	77.87	9.046	1233.4	0.790	4.17	12.21
-18.9	157.713	350.79	176.22	174.57	1.597	0.910	0.851	1.224	9.38	265.03	10.10	77.84	9.080	1233.1	0.790	4.17	12.20
-18.8	158.342	350.85	176.34	174.51	1.597	0.911	0.851	1.224	9.38	264.68	10.11	77.80	9.114	1232.8	0.790	4.16	12.18
-18.7	158.973	350.92	176.46	174.46	1.597	0.911	0.851	1.225	9.39	264.33	10.12	77.77	9.149	1232.5	0.790	4.16	12.17
-18.6	159.606	350.99	176.59	174.40	1.597	0.912	0.852	1.225	9.39	263.98	10.13	77.73	9.183	1232.3	0.790	4.16	12.15
-18.5	160.240	351.06	176.71	174.35	1.597	0.912	0.852	1.225	9.39	263.63	10.13	77.70	9.218	1232.0	0.790	4.16	12.14

-18.4	160.877	351.12	176.83	174.29	1.597	0.913	0.853	1.226	9.40	263.28	10.14	77.67	9.253	1231.7	0.790	4.15	12.12
-18.3	161.516	351.19	176.95	174.24	1.597	0.913	0.853	1.226	9.40	262.93	10.15	77.63	9.287	1231.4	0.790	4.15	12.11
-18.2	162.157	351.26	177.08	174.18	1.597	0.914	0.853	1.226	9.40	262.58	10.16	77.60	9.322	1231.1	0.790	4.15	12.09
-18.1	162.800	351.32	177.20	174.12	1.597	0.914	0.854	1.227	9.41	262.24	10.17	77.56	9.357	1230.8	0.790	4.15	12.08
-18	163.444	351.39	177.32	174.07	1.597	0.915	0.854	1.227	9.41	261.89	10.17	77.53	9.392	1230.5	0.790	4.14	12.06
-17.9	164.091	351.46	177.45	174.01	1.597	0.915	0.854	1.227	9.42	261.54	10.18	77.49	9.428	1230.2	0.790	4.14	12.05
-17.8	164.740	351.52	177.57	173.96	1.597	0.916	0.855	1.228	9.42	261.20	10.19	77.46	9.463	1229.9	0.790	4.14	12.03
-17.7	165.390	351.59	177.69	173.90	1.597	0.916	0.855	1.228	9.42	260.85	10.20	77.42	9.498	1229.7	0.790	4.14	12.02
-17.6	166.043	351.66	177.81	173.84	1.597	0.917	0.856	1.228	9.43	260.51	10.21	77.39	9.534	1229.4	0.790	4.13	12.00
-17.5	166.698	351.72	177.94	173.79	1.597	0.917	0.856	1.229	9.43	260.16	10.21	77.36	9.570	1229.1	0.790	4.13	11.99
-17.4	167.354	351.79	178.06	173.73	1.597	0.917	0.856	1.229	9.43	259.82	10.22	77.32	9.605	1228.8	0.790	4.13	11.97
-17.3	168.013	351.86	178.18	173.68	1.597	0.918	0.857	1.229	9.44	259.48	10.23	77.29	9.641	1228.5	0.790	4.13	11.96
-17.2	168.674	351.93	178.31	173.62	1.597	0.918	0.857	1.230	9.44	259.14	10.24	77.25	9.677	1228.2	0.790	4.12	11.94
-17.1	169.336	351.99	178.43	173.56	1.597	0.919	0.857	1.230	9.44	258.80	10.25	77.22	9.713	1227.9	0.790	4.12	11.93
-17	170.001	352.06	178.55	173.51	1.597	0.919	0.858	1.230	9.45	258.46	10.25	77.18	9.750	1227.6	0.790	4.12	11.91
-16.9	170.668	352.13	178.68	173.45	1.597	0.920	0.858	1.231	9.45	258.12	10.26	77.15	9.786	1227.3	0.790	4.12	11.90
-16.8	171.336	352.19	178.80	173.39	1.597	0.920	0.859	1.231	9.45	257.78	10.27	77.11	9.822	1227.0	0.790	4.11	11.88
-16.7	172.007	352.26	178.92	173.34	1.597	0.921	0.859	1.231	9.46	257.44	10.28	77.08	9.859	1226.7	0.790	4.11	11.87
-16.6	172.680	352.33	179.05	173.28	1.597	0.921	0.859	1.232	9.46	257.10	10.29	77.05	9.895	1226.5	0.790	4.11	11.85
-16.5	173.355	352.39	179.17	173.22	1.597	0.922	0.860	1.232	9.47	256.76	10.29	77.01	9.932	1226.2	0.790	4.11	11.84
-16.4	174.031	352.46	179.29	173.17	1.597	0.922	0.860	1.232	9.47	256.43	10.30	76.98	9.969	1225.9	0.790	4.10	11.82
-16.3	174.710	352.53	179.42	173.11	1.597	0.923	0.860	1.233	9.47	256.09	10.31	76.94	10.006	1225.6	0.791	4.10	11.81
-16.2	175.391	352.59	179.54	173.05	1.597	0.923	0.861	1.233	9.48	255.76	10.32	76.91	10.043	1225.3	0.791	4.10	11.79
-16.1	176.074	352.66	179.66	173.00	1.597	0.924	0.861	1.233	9.48	255.42	10.33	76.87	10.080	1225.0	0.791	4.10	11.78
-16	176.759	352.73	179.79	172.94	1.597	0.924	0.862	1.234	9.48	255.09	10.33	76.84	10.117	1224.7	0.791	4.10	11.76
-15.9	177.446	352.79	179.91	172.88	1.597	0.925	0.862	1.234	9.49	254.75	10.34	76.81	10.155	1224.4	0.791	4.09	11.75
-15.8	178.136	352.86	180.03	172.83	1.597	0.925	0.862	1.234	9.49	254.42	10.35	76.77	10.192	1224.1	0.791	4.09	11.73
-15.7	178.827	352.93	180.16	172.77	1.597	0.926	0.863	1.235	9.49	254.09	10.36	76.74	10.230	1223.8	0.791	4.09	11.72
-15.6	179.520	352.99	180.28	172.71	1.597	0.926	0.863	1.235	9.50	253.76	10.37	76.70	10.267	1223.5	0.791	4.09	11.70
-15.5	180.216	353.06	180.41	172.66	1.597	0.927	0.863	1.235	9.50	253.43	10.37	76.67	10.305	1223.2	0.791	4.08	11.69
-15.4	180.913	353.13	180.53	172.60	1.597	0.927	0.864	1.236	9.50	253.09	10.38	76.63	10.343	1222.9	0.791	4.08	11.67
-15.3	181.613	353.20	180.65	172.54	1.597	0.928	0.864	1.236	9.51	252.76	10.39	76.60	10.381	1222.7	0.791	4.08	11.66
-15.2	182.314	353.26	180.78	172.49	1.597	0.928	0.865	1.236	9.51	252.44	10.40	76.57	10.419	1222.4	0.791	4.08	11.65
-15.1	183.018	353.33	180.90	172.43	1.597	0.929	0.865	1.237	9.52	252.11	10.41	76.53	10.457	1222.1	0.791	4.07	11.63
-15	183.724	353.40	181.02	172.37	1.597	0.929	0.865	1.237	9.52	251.78	10.41	76.50	10.496	1221.8	0.791	4.07	11.62
-14.9	184.432	353.46	181.15	172.31	1.597	0.929	0.866	1.237	9.52	251.45	10.42	76.46	10.534	1221.5	0.791	4.07	11.60
-14.8	185.142	353.53	181.27	172.26	1.597	0.930	0.866	1.238	9.53	251.12	10.43	76.43	10.573	1221.2	0.791	4.07	11.59
-14.7	185.854	353.60	181.40	172.20	1.597	0.930	0.866	1.238	9.53	250.80	10.44	76.39	10.611	1220.9	0.791	4.06	11.57
-14.6	186.568	353.66	181.52	172.14	1.597	0.931	0.867	1.238	9.53	250.47	10.45	76.36	10.650	1220.6	0.791	4.06	11.56
-14.5	187.285	353.73	181.64	172.08	1.597	0.931	0.867	1.239	9.54	250.15	10.45	76.33	10.689	1220.3	0.791	4.06	11.54

-14.4	188.003	353.80	181.77	172.03	1.597	0.932	0.868	1.239	9.54	249.82	10.46	76.29	10.728	1220.0	0.791	4.06	11.53
-14.3	188.724	353.86	181.89	171.97	1.597	0.932	0.868	1.239	9.54	249.50	10.47	76.26	10.767	1219.7	0.791	4.05	11.51
-14.2	189.447	353.93	182.02	171.91	1.597	0.933	0.868	1.240	9.55	249.17	10.48	76.22	10.806	1219.4	0.791	4.05	11.50
-14.1	190.171	354.00	182.14	171.85	1.597	0.933	0.869	1.240	9.55	248.85	10.49	76.19	10.846	1219.1	0.791	4.05	11.48
-14	190.898	354.06	182.27	171.80	1.597	0.934	0.869	1.240	9.56	248.53	10.49	76.16	10.885	1218.8	0.791	4.05	11.47
-13.9	191.628	354.13	182.39	171.74	1.597	0.934	0.870	1.241	9.56	248.21	10.50	76.12	10.925	1218.5	0.791	4.05	11.45
-13.8	192.359	354.20	182.51	171.68	1.597	0.935	0.870	1.241	9.56	247.88	10.51	76.09	10.965	1218.2	0.792	4.04	11.44
-13.7	193.092	354.26	182.64	171.62	1.597	0.935	0.870	1.241	9.57	247.56	10.52	76.05	11.004	1217.9	0.792	4.04	11.42
-13.6	193.828	354.33	182.76	171.57	1.597	0.936	0.871	1.242	9.57	247.24	10.53	76.02	11.044	1217.7	0.792	4.04	11.41
-13.5	194.566	354.40	182.89	171.51	1.597	0.936	0.871	1.242	9.57	246.92	10.53	75.98	11.084	1217.4	0.792	4.04	11.39
-13.4	195.306	354.46	183.01	171.45	1.597	0.937	0.871	1.242	9.58	246.60	10.54	75.95	11.124	1217.1	0.792	4.03	11.38
-13.3	196.048	354.53	183.14	171.39	1.597	0.937	0.872	1.243	9.58	246.29	10.55	75.92	11.165	1216.8	0.792	4.03	11.37
-13.2	196.792	354.60	183.26	171.33	1.597	0.938	0.872	1.243	9.58	245.97	10.56	75.88	11.205	1216.5	0.792	4.03	11.35
-13.1	197.539	354.66	183.38	171.28	1.597	0.938	0.873	1.243	9.59	245.65	10.57	75.85	11.246	1216.2	0.792	4.03	11.34
-13	198.287	354.73	183.51	171.22	1.597	0.939	0.873	1.244	9.59	245.33	10.57	75.81	11.286	1215.9	0.792	4.02	11.32
-12.9	199.038	354.79	183.63	171.16	1.597	0.939	0.873	1.244	9.59	245.02	10.58	75.78	11.327	1215.6	0.792	4.02	11.31
-12.8	199.791	354.86	183.76	171.10	1.597	0.939	0.874	1.244	9.60	244.70	10.59	75.75	11.368	1215.3	0.792	4.02	11.29
-12.7	200.547	354.93	183.88	171.04	1.597	0.940	0.874	1.245	9.60	244.39	10.60	75.71	11.409	1215.0	0.792	4.02	11.28
-12.6	201.304	354.99	184.01	170.99	1.597	0.940	0.875	1.245	9.61	244.07	10.61	75.68	11.450	1214.7	0.792	4.02	11.26
-12.5	202.064	355.06	184.13	170.93	1.597	0.941	0.875	1.245	9.61	243.76	10.61	75.64	11.491	1214.4	0.792	4.01	11.25
-12.4	202.826	355.13	184.26	170.87	1.597	0.941	0.875	1.246	9.61	243.44	10.62	75.61	11.532	1214.1	0.792	4.01	11.23
-12.3	203.590	355.19	184.38	170.81	1.597	0.942	0.876	1.246	9.62	243.13	10.63	75.58	11.574	1213.8	0.792	4.01	11.22
-12.2	204.356	355.26	184.51	170.75	1.597	0.942	0.876	1.246	9.62	242.82	10.64	75.54	11.615	1213.5	0.792	4.01	11.20
-12.1	205.124	355.33	184.63	170.70	1.597	0.943	0.877	1.247	9.62	242.51	10.65	75.51	11.657	1213.2	0.792	4.00	11.19
-12	205.895	355.39	184.76	170.64	1.597	0.943	0.877	1.247	9.63	242.19	10.65	75.47	11.699	1212.9	0.792	4.00	11.18
-11.9	206.668	355.46	184.88	170.58	1.597	0.944	0.877	1.247	9.63	241.88	10.66	75.44	11.740	1212.6	0.792	4.00	11.16
-11.8	207.443	355.53	185.01	170.52	1.597	0.944	0.878	1.248	9.63	241.57	10.67	75.41	11.782	1212.3	0.793	4.00	11.15
-11.7	208.221	355.59	185.13	170.46	1.597	0.945	0.878	1.248	9.64	241.26	10.68	75.37	11.825	1212.0	0.793	3.99	11.13
-11.6	209.000	355.66	185.26	170.40	1.597	0.945	0.878	1.248	9.64	240.95	10.69	75.34	11.867	1211.7	0.793	3.99	11.12
-11.5	209.782	355.73	185.38	170.34	1.597	0.946	0.879	1.249	9.65	240.65	10.69	75.30	11.909	1211.4	0.793	3.99	11.10
-11.4	210.566	355.79	185.51	170.29	1.597	0.946	0.879	1.249	9.65	240.34	10.70	75.27	11.952	1211.1	0.793	3.99	11.09
-11.3	211.353	355.86	185.63	170.23	1.597	0.947	0.880	1.249	9.65	240.03	10.71	75.24	11.994	1210.8	0.793	3.99	11.07
-11.2	212.141	355.92	185.76	170.17	1.597	0.947	0.880	1.250	9.66	239.72	10.72	75.20	12.037	1210.5	0.793	3.98	11.06
-11.1	212.932	355.99	185.88	170.11	1.597	0.948	0.880	1.250	9.66	239.42	10.73	75.17	12.080	1210.2	0.793	3.98	11.04
-11	213.726	356.06	186.01	170.05	1.597	0.948	0.881	1.250	9.66	239.11	10.73	75.14	12.123	1209.9	0.793	3.98	11.03
-10.9	214.521	356.12	186.13	169.99	1.597	0.949	0.881	1.251	9.67	238.80	10.74	75.10	12.166	1209.6	0.793	3.98	11.02
-10.8	215.319	356.19	186.26	169.93	1.597	0.949	0.882	1.251	9.67	238.50	10.75	75.07	12.209	1209.3	0.793	3.97	11.00
-10.7	216.119	356.26	186.38	169.87	1.597	0.949	0.882	1.251	9.67	238.19	10.76	75.03	12.252	1209.0	0.793	3.97	10.99
-10.6	216.921	356.32	186.51	169.81	1.597	0.950	0.882	1.252	9.68	237.89	10.77	75.00	12.296	1208.7	0.793	3.97	10.97
-10.5	217.726	356.39	186.63	169.75	1.597	0.950	0.883	1.252	9.68	237.59	10.77	74.97	12.339	1208.4	0.793	3.97	10.96

-10.4	218.533	356.46	186.76	169.70	1.597	0.951	0.883	1.253	9.69	237.28	10.78	74.93	12.383	1208.1	0.793	3.97	10.94
-10.3	219.342	356.52	186.89	169.64	1.597	0.951	0.884	1.253	9.69	236.98	10.79	74.90	12.427	1207.8	0.793	3.96	10.93
-10.2	220.153	356.59	187.01	169.58	1.597	0.952	0.884	1.253	9.69	236.68	10.80	74.86	12.471	1207.6	0.793	3.96	10.91
-10.1	220.967	356.65	187.14	169.52	1.597	0.952	0.884	1.254	9.70	236.38	10.81	74.83	12.515	1207.3	0.793	3.96	10.90
-10	221.783	356.72	187.26	169.46	1.597	0.953	0.885	1.254	9.70	236.08	10.82	74.80	12.559	1207.0	0.794	3.96	10.88
-9.9	222.602	356.79	187.39	169.40	1.597	0.953	0.885	1.254	9.70	235.78	10.82	74.76	12.603	1206.7	0.794	3.96	10.87
-9.8	223.422	356.85	187.51	169.34	1.597	0.954	0.886	1.255	9.71	235.48	10.83	74.73	12.648	1206.4	0.794	3.95	10.86
-9.7	224.246	356.92	187.64	169.28	1.597	0.954	0.886	1.255	9.71	235.18	10.84	74.70	12.692	1206.1	0.794	3.95	10.84
-9.6	225.071	356.99	187.77	169.22	1.597	0.955	0.886	1.255	9.71	234.88	10.85	74.66	12.737	1205.8	0.794	3.95	10.83
-9.5	225.899	357.05	187.89	169.16	1.597	0.955	0.887	1.256	9.72	234.58	10.86	74.63	12.782	1205.5	0.794	3.95	10.81
-9.4	226.729	357.12	188.02	169.10	1.597	0.956	0.887	1.256	9.72	234.28	10.86	74.59	12.827	1205.2	0.794	3.94	10.80
-9.3	227.561	357.18	188.14	169.04	1.597	0.956	0.888	1.256	9.72	233.98	10.87	74.56	12.872	1204.9	0.794	3.94	10.78
-9.2	228.396	357.25	188.27	168.98	1.597	0.957	0.888	1.257	9.73	233.69	10.88	74.53	12.917	1204.6	0.794	3.94	10.77
-9.1	229.233	357.32	188.39	168.92	1.597	0.957	0.888	1.257	9.73	233.39	10.89	74.49	12.962	1204.2	0.794	3.94	10.75
-9	230.072	357.38	188.52	168.86	1.597	0.958	0.889	1.257	9.74	233.09	10.90	74.46	13.008	1203.9	0.794	3.94	10.74
-8.9	230.914	357.45	188.65	168.80	1.597	0.958	0.889	1.258	9.74	232.80	10.90	74.43	13.053	1203.6	0.794	3.93	10.73
-8.8	231.758	357.52	188.77	168.74	1.597	0.958	0.890	1.258	9.74	232.50	10.91	74.39	13.099	1203.3	0.794	3.93	10.71
-8.7	232.605	357.58	188.90	168.68	1.597	0.959	0.890	1.258	9.75	232.21	10.92	74.36	13.145	1203.0	0.794	3.93	10.70
-8.6	233.454	357.65	189.02	168.62	1.597	0.959	0.890	1.259	9.75	231.92	10.93	74.33	13.191	1202.7	0.794	3.93	10.68
-8.5	234.305	357.71	189.15	168.56	1.597	0.960	0.891	1.259	9.75	231.62	10.94	74.29	13.237	1202.4	0.794	3.93	10.67
-8.4	235.159	357.78	189.28	168.50	1.597	0.960	0.891	1.259	9.76	231.33	10.94	74.26	13.283	1202.1	0.795	3.92	10.65
-8.3	236.015	357.85	189.40	168.44	1.597	0.961	0.892	1.260	9.76	231.04	10.95	74.22	13.329	1201.8	0.795	3.92	10.64
-8.2	236.873	357.91	189.53	168.38	1.597	0.961	0.892	1.260	9.76	230.74	10.96	74.19	13.376	1201.5	0.795	3.92	10.62
-8.1	237.734	357.98	189.66	168.32	1.597	0.962	0.892	1.260	9.77	230.45	10.97	74.16	13.422	1201.2	0.795	3.92	10.61
-8	238.597	358.04	189.78	168.26	1.597	0.962	0.893	1.261	9.77	230.16	10.98	74.12	13.469	1200.9	0.795	3.91	10.60
-7.9	239.463	358.11	189.91	168.20	1.597	0.963	0.893	1.261	9.78	229.87	10.98	74.09	13.516	1200.6	0.795	3.91	10.58
-7.8	240.331	358.18	190.03	168.14	1.597	0.963	0.894	1.261	9.78	229.58	10.99	74.06	13.563	1200.3	0.795	3.91	10.57
-7.7	241.202	358.24	190.16	168.08	1.597	0.964	0.894	1.262	9.78	229.29	11.00	74.02	13.610	1200.0	0.795	3.91	10.55
-7.6	242.074	358.31	190.29	168.02	1.597	0.964	0.894	1.262	9.79	229.00	11.01	73.99	13.657	1199.7	0.795	3.91	10.54
-7.5	242.950	358.37	190.41	167.96	1.597	0.965	0.895	1.263	9.79	228.71	11.02	73.96	13.705	1199.4	0.795	3.90	10.52
-7.4	243.827	358.44	190.54	167.90	1.597	0.965	0.895	1.263	9.79	228.43	11.03	73.92	13.752	1199.1	0.795	3.90	10.51
-7.3	244.708	358.51	190.67	167.84	1.597	0.966	0.896	1.263	9.80	228.14	11.03	73.89	13.800	1198.8	0.795	3.90	10.50
-7.2	245.590	358.57	190.79	167.78	1.597	0.966	0.896	1.264	9.80	227.85	11.04	73.86	13.847	1198.5	0.795	3.90	10.48
-7.1	246.475	358.64	190.92	167.72	1.597	0.967	0.896	1.264	9.81	227.56	11.05	73.82	13.895	1198.2	0.795	3.90	10.47
-7	247.363	358.70	191.05	167.66	1.597	0.967	0.897	1.264	9.81	227.28	11.06	73.79	13.943	1197.9	0.796	3.89	10.45
-6.9	248.253	358.77	191.17	167.60	1.597	0.967	0.897	1.265	9.81	226.99	11.07	73.75	13.991	1197.6	0.796	3.89	10.44
-6.8	249.145	358.84	191.30	167.54	1.597	0.968	0.898	1.265	9.82	226.71	11.07	73.72	14.040	1197.3	0.796	3.89	10.42
-6.7	250.040	358.90	191.43	167.48	1.597	0.968	0.898	1.265	9.82	226.42	11.08	73.69	14.088	1197.0	0.796	3.89	10.41
-6.6	250.937	358.97	191.55	167.42	1.597	0.969	0.898	1.266	9.82	226.14	11.09	73.65	14.137	1196.7	0.796	3.89	10.39
-6.5	251.837	359.03	191.68	167.35	1.597	0.969	0.899	1.266	9.83	225.85	11.10	73.62	14.185	1196.4	0.796	3.88	10.38

-6.4	252.739	359.10	191.81	167.29	1.597	0.970	0.899	1.266	9.83	225.57	11.11	73.59	14.234	1196.1	0.796	3.88	10.37
-6.3	253.644	359.17	191.93	167.23	1.597	0.970	0.900	1.267	9.83	225.29	11.11	73.55	14.283	1195.8	0.796	3.88	10.35
-6.2	254.551	359.23	192.06	167.17	1.597	0.971	0.900	1.267	9.84	225.00	11.12	73.52	14.332	1195.5	0.796	3.88	10.34
-6.1	255.460	359.30	192.19	167.11	1.597	0.971	0.901	1.267	9.84	224.72	11.13	73.49	14.381	1195.2	0.796	3.88	10.32
-6	256.373	359.36	192.31	167.05	1.597	0.972	0.901	1.268	9.85	224.44	11.14	73.45	14.431	1194.9	0.796	3.87	10.31
-5.9	257.287	359.43	192.44	166.99	1.597	0.972	0.901	1.268	9.85	224.16	11.15	73.42	14.480	1194.6	0.796	3.87	10.29
-5.8	258.204	359.50	192.57	166.93	1.597	0.973	0.902	1.268	9.85	223.88	11.16	73.39	14.530	1194.2	0.796	3.87	10.28
-5.7	259.124	359.56	192.70	166.87	1.597	0.973	0.902	1.269	9.86	223.60	11.16	73.35	14.579	1193.9	0.797	3.87	10.27
-5.6	260.046	359.63	192.82	166.80	1.597	0.974	0.903	1.269	9.86	223.32	11.17	73.32	14.629	1193.6	0.797	3.87	10.25
-5.5	260.971	359.69	192.95	166.74	1.597	0.974	0.903	1.270	9.86	223.04	11.18	73.29	14.679	1193.3	0.797	3.86	10.24
-5.4	261.898	359.76	193.08	166.68	1.597	0.975	0.903	1.270	9.87	222.76	11.19	73.25	14.729	1193.0	0.797	3.86	10.22
-5.3	262.827	359.82	193.20	166.62	1.597	0.975	0.904	1.270	9.87	222.48	11.20	73.22	14.780	1192.7	0.797	3.86	10.21
-5.2	263.760	359.89	193.33	166.56	1.597	0.976	0.904	1.271	9.87	222.20	11.20	73.19	14.830	1192.4	0.797	3.86	10.20
-5.1	264.694	359.96	193.46	166.50	1.597	0.976	0.905	1.271	9.88	221.93	11.21	73.15	14.881	1192.1	0.797	3.86	10.18
-5	265.632	360.02	193.59	166.43	1.597	0.976	0.905	1.271	9.88	221.65	11.22	73.12	14.931	1191.8	0.797	3.85	10.17
-4.9	266.571	360.09	193.71	166.37	1.597	0.977	0.905	1.272	9.89	221.37	11.23	73.09	14.982	1191.5	0.797	3.85	10.15
-4.8	267.514	360.15	193.84	166.31	1.597	0.977	0.906	1.272	9.89	221.10	11.24	73.05	15.033	1191.2	0.797	3.85	10.14
-4.7	268.459	360.22	193.97	166.25	1.597	0.978	0.906	1.272	9.89	220.82	11.25	73.02	15.084	1190.9	0.797	3.85	10.12
-4.6	269.406	360.28	194.10	166.19	1.597	0.978	0.907	1.273	9.90	220.54	11.25	72.99	15.135	1190.6	0.797	3.85	10.11
-4.5	270.356	360.35	194.22	166.13	1.597	0.979	0.907	1.273	9.90	220.27	11.26	72.95	15.187	1190.3	0.797	3.84	10.10
-4.4	271.308	360.42	194.35	166.06	1.597	0.979	0.908	1.273	9.90	219.99	11.27	72.92	15.238	1190.0	0.798	3.84	10.08
-4.3	272.263	360.48	194.48	166.00	1.597	0.980	0.908	1.274	9.91	219.72	11.28	72.89	15.290	1189.7	0.798	3.84	10.07
-4.2	273.221	360.55	194.61	165.94	1.597	0.980	0.908	1.274	9.91	219.45	11.29	72.85	15.342	1189.3	0.798	3.84	10.05
-4.1	274.181	360.61	194.73	165.88	1.597	0.981	0.909	1.275	9.92	219.17	11.29	72.82	15.394	1189.0	0.798	3.84	10.04
-4	275.144	360.68	194.86	165.82	1.597	0.981	0.909	1.275	9.92	218.90	11.30	72.79	15.446	1188.7	0.798	3.83	10.02
-3.9	276.110	360.74	194.99	165.75	1.597	0.982	0.910	1.275	9.92	218.63	11.31	72.75	15.498	1188.4	0.798	3.83	10.01
-3.8	277.078	360.81	195.12	165.69	1.597	0.982	0.910	1.276	9.93	218.36	11.32	72.72	15.550	1188.1	0.798	3.83	10.00
-3.7	278.048	360.88	195.25	165.63	1.597	0.983	0.910	1.276	9.93	218.09	11.33	72.69	15.603	1187.8	0.798	3.83	9.98
-3.6	279.021	360.94	195.37	165.57	1.597	0.983	0.911	1.276	9.93	217.81	11.34	72.65	15.655	1187.5	0.798	3.83	9.97
-3.5	279.997	361.01	195.50	165.50	1.597	0.984	0.911	1.277	9.94	217.54	11.34	72.62	15.708	1187.2	0.798	3.82	9.95
-3.4	280.975	361.07	195.63	165.44	1.597	0.984	0.912	1.277	9.94	217.27	11.35	72.59	15.761	1186.9	0.798	3.82	9.94
-3.3	281.956	361.14	195.76	165.38	1.597	0.984	0.912	1.277	9.94	217.00	11.36	72.55	15.814	1186.6	0.799	3.82	9.93
-3.2	282.940	361.20	195.89	165.32	1.597	0.985	0.913	1.278	9.95	216.73	11.37	72.52	15.867	1186.3	0.799	3.82	9.91
-3.1	283.926	361.27	196.01	165.25	1.597	0.985	0.913	1.278	9.95	216.47	11.38	72.49	15.921	1186.0	0.799	3.82	9.90
-3	284.915	361.33	196.14	165.19	1.597	0.986	0.913	1.278	9.96	216.20	11.38	72.46	15.974	1185.6	0.799	3.81	9.88
-2.9	285.906	361.40	196.27	165.13	1.597	0.986	0.914	1.279	9.96	215.93	11.39	72.42	16.028	1185.3	0.799	3.81	9.87
-2.8	286.900	361.46	196.40	165.07	1.597	0.987	0.914	1.279	9.96	215.66	11.40	72.39	16.081	1185.0	0.799	3.81	9.86
-2.7	287.897	361.53	196.53	165.00	1.597	0.987	0.915	1.280	9.97	215.39	11.41	72.36	16.135	1184.7	0.799	3.81	9.84
-2.6	288.896	361.60	196.65	164.94	1.597	0.988	0.915	1.280	9.97	215.13	11.42	72.32	16.189	1184.4	0.799	3.81	9.83
-2.5	289.898	361.66	196.78	164.88	1.597	0.988	0.915	1.280	9.97	214.86	11.43	72.29	16.244	1184.1	0.799	3.81	9.81

-2.4	290.903	361.73	196.91	164.82	1.597	0.989	0.916	1.281	9.98	214.59	11.43	72.26	16.298	1183.8	0.799	3.80	9.80
-2.3	291.910	361.79	197.04	164.75	1.597	0.989	0.916	1.281	9.98	214.33	11.44	72.22	16.353	1183.5	0.799	3.80	9.78
-2.2	292.920	361.86	197.17	164.69	1.597	0.990	0.917	1.281	9.99	214.06	11.45	72.19	16.407	1183.2	0.800	3.80	9.77
-2.1	293.933	361.92	197.30	164.63	1.597	0.990	0.917	1.282	9.99	213.80	11.46	72.16	16.462	1182.9	0.800	3.80	9.76
-2	294.948	361.99	197.42	164.56	1.598	0.991	0.918	1.282	9.99	213.53	11.47	72.12	16.517	1182.5	0.800	3.80	9.74
-1.9	295.966	362.05	197.55	164.50	1.598	0.991	0.918	1.282	10.00	213.27	11.47	72.09	16.572	1182.2	0.800	3.79	9.73
-1.8	296.987	362.12	197.68	164.44	1.598	0.992	0.918	1.283	10.00	213.01	11.48	72.06	16.627	1181.9	0.800	3.79	9.71
-1.7	298.010	362.18	197.81	164.37	1.598	0.992	0.919	1.283	10.00	212.74	11.49	72.03	16.683	1181.6	0.800	3.79	9.70
-1.6	299.036	362.25	197.94	164.31	1.598	0.992	0.919	1.283	10.01	212.48	11.50	71.99	16.738	1181.3	0.800	3.79	9.69
-1.5	300.065	362.31	198.07	164.25	1.598	0.993	0.920	1.284	10.01	212.22	11.51	71.96	16.794	1181.0	0.800	3.79	9.67
-1.4	301.096	362.38	198.20	164.18	1.598	0.993	0.920	1.284	10.02	211.96	11.52	71.93	16.850	1180.7	0.800	3.78	9.66
-1.3	302.130	362.44	198.32	164.12	1.598	0.994	0.921	1.285	10.02	211.70	11.52	71.89	16.905	1180.4	0.800	3.78	9.64
-1.2	303.167	362.51	198.45	164.06	1.598	0.994	0.921	1.285	10.02	211.43	11.53	71.86	16.962	1180.0	0.800	3.78	9.63
-1.1	304.207	362.57	198.58	163.99	1.598	0.995	0.921	1.285	10.03	211.17	11.54	71.83	17.018	1179.7	0.801	3.78	9.62
-1	305.249	362.64	198.71	163.93	1.598	0.995	0.922	1.286	10.03	210.91	11.55	71.79	17.074	1179.4	0.801	3.78	9.60
-0.9	306.294	362.71	198.84	163.87	1.598	0.996	0.922	1.286	10.03	210.65	11.56	71.76	17.131	1179.1	0.801	3.78	9.59
-0.8	307.342	362.77	198.97	163.80	1.598	0.996	0.923	1.286	10.04	210.39	11.57	71.73	17.188	1178.8	0.801	3.77	9.57
-0.7	308.392	362.84	199.10	163.74	1.598	0.997	0.923	1.287	10.04	210.14	11.57	71.70	17.244	1178.5	0.801	3.77	9.56
-0.6	309.445	362.90	199.23	163.67	1.598	0.997	0.924	1.287	10.05	209.88	11.58	71.66	17.301	1178.2	0.801	3.77	9.55
-0.5	310.501	362.97	199.35	163.61	1.598	0.998	0.924	1.287	10.05	209.62	11.59	71.63	17.359	1177.9	0.801	3.77	9.53
-0.4	311.559	363.03	199.48	163.55	1.598	0.998	0.924	1.288	10.05	209.36	11.60	71.60	17.416	1177.5	0.801	3.77	9.52
-0.3	312.621	363.10	199.61	163.48	1.598	0.999	0.925	1.288	10.06	209.10	11.61	71.56	17.473	1177.2	0.801	3.76	9.50
-0.2	313.685	363.16	199.74	163.42	1.598	0.999	0.925	1.289	10.06	208.85	11.62	71.53	17.531	1176.9	0.801	3.76	9.49
-0.1	314.752	363.23	199.87	163.36	1.598	1.000	0.926	1.289	10.06	208.59	11.62	71.50	17.589	1176.6	0.802	3.76	9.48
0.0	315.821	363.29	200.00	163.29	1.598	1.000	0.926	1.289	10.07	208.33	11.63	71.47	17.647	1176.3	0.802	3.76	9.46
0.1	316.894	363.36	200.13	163.23	1.598	1.000	0.927	1.290	10.07	208.08	11.64	71.43	17.705	1176.0	0.802	3.76	9.45
0.2	317.969	363.42	200.26	163.16	1.598	1.001	0.927	1.290	10.08	207.82	11.65	71.40	17.763	1175.7	0.802	3.75	9.44
0.3	319.047	363.49	200.39	163.10	1.598	1.001	0.927	1.290	10.08	207.57	11.66	71.37	17.821	1175.3	0.802	3.75	9.42
0.4	320.128	363.55	200.52	163.03	1.598	1.002	0.928	1.291	10.08	207.31	11.67	71.33	17.880	1175.0	0.802	3.75	9.41
0.5	321.211	363.62	200.65	162.97	1.598	1.002	0.928	1.291	10.09	207.06	11.67	71.30	17.938	1174.7	0.802	3.75	9.39
0.6	322.297	363.68	200.78	162.91	1.598	1.003	0.929	1.292	10.09	206.80	11.68	71.27	17.997	1174.4	0.802	3.75	9.38
0.7	323.386	363.75	200.91	162.84	1.598	1.003	0.929	1.292	10.09	206.55	11.69	71.24	18.056	1174.1	0.802	3.75	9.37
0.8	324.478	363.81	201.03	162.78	1.598	1.004	0.930	1.292	10.10	206.30	11.70	71.20	18.115	1173.8	0.802	3.74	9.35
0.9	325.573	363.88	201.16	162.71	1.598	1.004	0.930	1.293	10.10	206.04	11.71	71.17	18.175	1173.5	0.803	3.74	9.34
1	326.670	363.94	201.29	162.65	1.598	1.005	0.931	1.293	10.11	205.79	11.72	71.14	18.234	1173.1	0.803	3.74	9.32
1.1	327.771	364.01	201.42	162.58	1.598	1.005	0.931	1.293	10.11	205.54	11.72	71.10	18.294	1172.8	0.803	3.74	9.31
1.2	328.874	364.07	201.55	162.52	1.598	1.006	0.931	1.294	10.11	205.29	11.73	71.07	18.354	1172.5	0.803	3.74	9.30
1.3	329.980	364.13	201.68	162.45	1.598	1.006	0.932	1.294	10.12	205.04	11.74	71.04	18.414	1172.2	0.803	3.74	9.28
1.4	331.088	364.20	201.81	162.39	1.598	1.007	0.932	1.294	10.12	204.79	11.75	71.01	18.474	1171.9	0.803	3.73	9.27
1.5	332.200	364.26	201.94	162.32	1.598	1.007	0.933	1.295	10.12	204.53	11.76	70.97	18.534	1171.6	0.803	3.73	9.25

1.6	333.314	364.33	202.07	162.26	1.598	1.008	0.933	1.295	10.13	204.28	11.77	70.94	18.594	1171.2	0.803	3.73	9.24
1.7	334.432	364.39	202.20	162.19	1.598	1.008	0.934	1.296	10.13	204.03	11.77	70.91	18.655	1170.9	0.803	3.73	9.23
1.8	335.552	364.46	202.33	162.13	1.598	1.008	0.934	1.296	10.14	203.79	11.78	70.88	18.716	1170.6	0.804	3.73	9.21
1.9	336.675	364.52	202.46	162.06	1.598	1.009	0.934	1.296	10.14	203.54	11.79	70.84	18.776	1170.3	0.804	3.72	9.20
2	337.800	364.59	202.59	162.00	1.598	1.009	0.935	1.297	10.14	203.29	11.80	70.81	18.837	1170.0	0.804	3.72	9.19
2.1	338.929	364.65	202.72	161.93	1.598	1.010	0.935	1.297	10.15	203.04	11.81	70.78	18.899	1169.7	0.804	3.72	9.17
2.2	340.061	364.72	202.85	161.87	1.598	1.010	0.936	1.297	10.15	202.79	11.82	70.74	18.960	1169.3	0.804	3.72	9.16
2.3	341.195	364.78	202.98	161.80	1.598	1.011	0.936	1.298	10.16	202.54	11.82	70.71	19.021	1169.0	0.804	3.72	9.14
2.4	342.332	364.85	203.11	161.74	1.598	1.011	0.937	1.298	10.16	202.30	11.83	70.68	19.083	1168.7	0.804	3.72	9.13
2.5	343.472	364.91	203.24	161.67	1.598	1.012	0.937	1.299	10.16	202.05	11.84	70.65	19.145	1168.4	0.804	3.71	9.12
2.6	344.615	364.98	203.37	161.61	1.598	1.012	0.938	1.299	10.17	201.80	11.85	70.61	19.207	1168.1	0.804	3.71	9.10
2.7	345.761	365.04	203.50	161.54	1.598	1.013	0.938	1.299	10.17	201.56	11.86	70.58	19.269	1167.8	0.805	3.71	9.09
2.8	346.910	365.11	203.63	161.47	1.598	1.013	0.938	1.300	10.17	201.31	11.87	70.55	19.331	1167.4	0.805	3.71	9.08
2.9	348.062	365.17	203.76	161.41	1.598	1.014	0.939	1.300	10.18	201.07	11.87	70.52	19.394	1167.1	0.805	3.71	9.06
3	349.216	365.23	203.89	161.34	1.598	1.014	0.939	1.300	10.18	200.82	11.88	70.48	19.457	1166.8	0.805	3.71	9.05
3.1	350.374	365.30	204.02	161.28	1.598	1.015	0.940	1.301	10.19	200.58	11.89	70.45	19.519	1166.5	0.805	3.70	9.03
3.2	351.534	365.36	204.15	161.21	1.598	1.015	0.940	1.301	10.19	200.33	11.90	70.42	19.582	1166.2	0.805	3.70	9.02
3.3	352.698	365.43	204.28	161.15	1.598	1.015	0.941	1.302	10.19	200.09	11.91	70.39	19.645	1165.8	0.805	3.70	9.01
3.4	353.864	365.49	204.41	161.08	1.598	1.016	0.941	1.302	10.20	199.84	11.92	70.35	19.709	1165.5	0.805	3.70	8.99
3.5	355.033	365.56	204.54	161.01	1.598	1.016	0.942	1.302	10.20	199.60	11.92	70.32	19.772	1165.2	0.805	3.70	8.98
3.6	356.205	365.62	204.67	160.95	1.598	1.017	0.942	1.303	10.20	199.36	11.93	70.29	19.836	1164.9	0.806	3.69	8.97
3.7	357.380	365.69	204.80	160.88	1.598	1.017	0.942	1.303	10.21	199.11	11.94	70.26	19.900	1164.6	0.806	3.69	8.95
3.8	358.558	365.75	204.93	160.81	1.598	1.018	0.943	1.303	10.21	198.87	11.95	70.22	19.964	1164.2	0.806	3.69	8.94
3.9	359.739	365.81	205.07	160.75	1.598	1.018	0.943	1.304	10.22	198.63	11.96	70.19	20.028	1163.9	0.806	3.69	8.92
4	360.923	365.88	205.20	160.68	1.599	1.019	0.944	1.304	10.22	198.39	11.97	70.16	20.092	1163.6	0.806	3.69	8.91
4.1	362.110	365.94	205.33	160.62	1.599	1.019	0.944	1.305	10.22	198.15	11.98	70.13	20.156	1163.3	0.806	3.69	8.90
4.2	363.299	366.01	205.46	160.55	1.599	1.020	0.945	1.305	10.23	197.91	11.98	70.09	20.221	1163.0	0.806	3.68	8.88
4.3	364.492	366.07	205.59	160.48	1.599	1.020	0.945	1.305	10.23	197.67	11.99	70.06	20.286	1162.6	0.806	3.68	8.87
4.4	365.688	366.14	205.72	160.42	1.599	1.021	0.946	1.306	10.24	197.43	12.00	70.03	20.351	1162.3	0.807	3.68	8.86
4.5	366.887	366.20	205.85	160.35	1.599	1.021	0.946	1.306	10.24	197.19	12.01	70.00	20.416	1162.0	0.807	3.68	8.84
4.6	368.088	366.26	205.98	160.28	1.599	1.022	0.947	1.306	10.24	196.95	12.02	69.96	20.481	1161.7	0.807	3.68	8.83
4.7	369.293	366.33	206.11	160.22	1.599	1.022	0.947	1.307	10.25	196.71	12.03	69.93	20.547	1161.4	0.807	3.68	8.81
4.8	370.500	366.39	206.24	160.15	1.599	1.022	0.947	1.307	10.25	196.47	12.03	69.90	20.612	1161.0	0.807	3.67	8.80
4.9	371.711	366.46	206.37	160.08	1.599	1.023	0.948	1.308	10.25	196.23	12.04	69.87	20.678	1160.7	0.807	3.67	8.79
5	372.925	366.52	206.50	160.02	1.599	1.023	0.948	1.308	10.26	195.99	12.05	69.83	20.744	1160.4	0.807	3.67	8.77
5.1	374.141	366.59	206.64	159.95	1.599	1.024	0.949	1.308	10.26	195.76	12.06	69.80	20.810	1160.1	0.807	3.67	8.76
5.2	375.361	366.65	206.77	159.88	1.599	1.024	0.949	1.309	10.27	195.52	12.07	69.77	20.877	1159.7	0.808	3.67	8.75
5.3	376.583	366.71	206.90	159.82	1.599	1.025	0.950	1.309	10.27	195.28	12.08	69.74	20.943	1159.4	0.808	3.67	8.73
5.4	377.809	366.78	207.03	159.75	1.599	1.025	0.950	1.310	10.27	195.04	12.09	69.70	21.010	1159.1	0.808	3.66	8.72
5.5	379.038	366.84	207.16	159.68	1.599	1.026	0.951	1.310	10.28	194.81	12.09	69.67	21.076	1158.8	0.808	3.66	8.71

5.6	380.269	366.91	207.29	159.61	1.599	1.026	0.951	1.310	10.28	194.57	12.10	69.64	21.143	1158.4	0.808	3.66	8.69
5.7	381.504	366.97	207.42	159.55	1.599	1.027	0.952	1.311	10.29	194.34	12.11	69.61	21.211	1158.1	0.808	3.66	8.68
5.8	382.742	367.03	207.55	159.48	1.599	1.027	0.952	1.311	10.29	194.10	12.12	69.57	21.278	1157.8	0.808	3.66	8.66
5.9	383.983	367.10	207.69	159.41	1.599	1.028	0.952	1.311	10.29	193.87	12.13	69.54	21.345	1157.5	0.808	3.66	8.65
6	385.227	367.16	207.82	159.35	1.599	1.028	0.953	1.312	10.30	193.63	12.14	69.51	21.413	1157.2	0.809	3.65	8.64
6.1	386.473	367.23	207.95	159.28	1.599	1.029	0.953	1.312	10.30	193.40	12.14	69.48	21.481	1156.8	0.809	3.65	8.62
6.2	387.723	367.29	208.08	159.21	1.599	1.029	0.954	1.313	10.31	193.16	12.15	69.45	21.549	1156.5	0.809	3.65	8.61
6.3	388.976	367.35	208.21	159.14	1.599	1.029	0.954	1.313	10.31	192.93	12.16	69.41	21.617	1156.2	0.809	3.65	8.60
6.4	390.232	367.42	208.34	159.08	1.599	1.030	0.955	1.313	10.31	192.70	12.17	69.38	21.686	1155.9	0.809	3.65	8.58
6.5	391.492	367.48	208.47	159.01	1.599	1.030	0.955	1.314	10.32	192.46	12.18	69.35	21.754	1155.5	0.809	3.65	8.57
6.6	392.754	367.55	208.61	158.94	1.599	1.031	0.956	1.314	10.32	192.23	12.19	69.32	21.823	1155.2	0.809	3.64	8.56
6.7	394.019	367.61	208.74	158.87	1.599	1.031	0.956	1.315	10.32	192.00	12.20	69.28	21.892	1154.9	0.809	3.64	8.54
6.8	395.287	367.67	208.87	158.80	1.599	1.032	0.957	1.315	10.33	191.77	12.20	69.25	21.961	1154.6	0.810	3.64	8.53
6.9	396.559	367.74	209.00	158.74	1.599	1.032	0.957	1.315	10.33	191.54	12.21	69.22	22.030	1154.2	0.810	3.64	8.52
7	397.833	367.80	209.13	158.67	1.599	1.033	0.958	1.316	10.34	191.30	12.22	69.19	22.100	1153.9	0.810	3.64	8.50
7.1	399.111	367.86	209.26	158.60	1.599	1.033	0.958	1.316	10.34	191.07	12.23	69.16	22.169	1153.6	0.810	3.64	8.49
7.2	400.392	367.93	209.40	158.53	1.599	1.034	0.958	1.316	10.34	190.84	12.24	69.12	22.239	1153.2	0.810	3.63	8.48
7.3	401.676	367.99	209.53	158.46	1.599	1.034	0.959	1.317	10.35	190.61	12.25	69.09	22.309	1152.9	0.810	3.63	8.46
7.4	402.963	368.06	209.66	158.40	1.599	1.035	0.959	1.317	10.35	190.38	12.26	69.06	22.379	1152.6	0.810	3.63	8.45
7.5	404.253	368.12	209.79	158.33	1.599	1.035	0.960	1.318	10.36	190.15	12.26	69.03	22.450	1152.3	0.811	3.63	8.43
7.6	405.546	368.18	209.92	158.26	1.599	1.036	0.960	1.318	10.36	189.92	12.27	68.99	22.520	1151.9	0.811	3.63	8.42
7.7	406.842	368.25	210.06	158.19	1.599	1.036	0.961	1.318	10.36	189.69	12.28	68.96	22.591	1151.6	0.811	3.63	8.41
7.8	408.142	368.31	210.19	158.12	1.599	1.036	0.961	1.319	10.37	189.47	12.29	68.93	22.662	1151.3	0.811	3.62	8.39
7.9	409.444	368.37	210.32	158.05	1.599	1.037	0.962	1.319	10.37	189.24	12.30	68.90	22.733	1151.0	0.811	3.62	8.38
8	410.750	368.44	210.45	157.99	1.599	1.037	0.962	1.320	10.38	189.01	12.31	68.87	22.804	1150.6	0.811	3.62	8.37
8.1	412.059	368.50	210.58	157.92	1.599	1.038	0.963	1.320	10.38	188.78	12.32	68.83	22.875	1150.3	0.811	3.62	8.35
8.2	413.371	368.56	210.72	157.85	1.599	1.038	0.963	1.320	10.38	188.55	12.33	68.80	22.947	1150.0	0.811	3.62	8.34
8.3	414.686	368.63	210.85	157.78	1.599	1.039	0.964	1.321	10.39	188.33	12.33	68.77	23.019	1149.6	0.812	3.62	8.33
8.4	416.005	368.69	210.98	157.71	1.599	1.039	0.964	1.321	10.39	188.10	12.34	68.74	23.091	1149.3	0.812	3.62	8.31
8.5	417.326	368.75	211.11	157.64	1.599	1.040	0.965	1.322	10.40	187.87	12.35	68.71	23.163	1149.0	0.812	3.61	8.30
8.6	418.651	368.82	211.25	157.57	1.599	1.040	0.965	1.322	10.40	187.65	12.36	68.67	23.235	1148.7	0.812	3.61	8.29
8.7	419.979	368.88	211.38	157.50	1.600	1.041	0.966	1.322	10.40	187.42	12.37	68.64	23.308	1148.3	0.812	3.61	8.27
8.8	421.310	368.95	211.51	157.43	1.600	1.041	0.966	1.323	10.41	187.20	12.38	68.61	23.380	1148.0	0.812	3.61	8.26
8.9	422.644	369.01	211.64	157.37	1.600	1.042	0.966	1.323	10.41	186.97	12.39	68.58	23.453	1147.7	0.812	3.61	8.25
9	423.981	369.07	211.78	157.30	1.600	1.042	0.967	1.323	10.42	186.74	12.39	68.54	23.526	1147.3	0.813	3.61	8.23
9.1	425.322	369.14	211.91	157.23	1.600	1.043	0.967	1.324	10.42	186.52	12.40	68.51	23.600	1147.0	0.813	3.60	8.22
9.2	426.666	369.20	212.04	157.16	1.600	1.043	0.968	1.324	10.42	186.30	12.41	68.48	23.673	1146.7	0.813	3.60	8.21
9.3	428.013	369.26	212.17	157.09	1.600	1.043	0.968	1.325	10.43	186.07	12.42	68.45	23.747	1146.4	0.813	3.60	8.19
9.4	429.363	369.33	212.31	157.02	1.600	1.044	0.969	1.325	10.43	185.85	12.43	68.42	23.820	1146.0	0.813	3.60	8.18
9.5	430.717	369.39	212.44	156.95	1.600	1.044	0.969	1.325	10.44	185.62	12.44	68.38	23.894	1145.7	0.813	3.60	8.17

9.6	432.073	369.45	212.57	156.88	1.600	1.045	0.970	1.326	10.44	185.40	12.45	68.35	23.969	1145.4	0.813	3.60	8.15
9.7	433.433	369.51	212.70	156.81	1.600	1.045	0.970	1.326	10.44	185.18	12.46	68.32	24.043	1145.0	0.814	3.59	8.14
9.8	434.796	369.58	212.84	156.74	1.600	1.046	0.971	1.327	10.45	184.96	12.46	68.29	24.118	1144.7	0.814	3.59	8.13
9.9	436.163	369.64	212.97	156.67	1.600	1.046	0.971	1.327	10.45	184.73	12.47	68.26	24.192	1144.4	0.814	3.59	8.11
10	437.532	369.70	213.10	156.60	1.600	1.047	0.972	1.327	10.46	184.51	12.48	68.22	24.267	1144.0	0.814	3.59	8.10
10.1	438.905	369.77	213.24	156.53	1.600	1.047	0.972	1.328	10.46	184.29	12.49	68.19	24.342	1143.7	0.814	3.59	8.09
10.2	440.281	369.83	213.37	156.46	1.600	1.048	0.973	1.328	10.46	184.07	12.50	68.16	24.418	1143.4	0.814	3.59	8.07
10.3	441.661	369.89	213.50	156.39	1.600	1.048	0.973	1.329	10.47	183.85	12.51	68.13	24.493	1143.0	0.814	3.59	8.06
10.4	443.043	369.96	213.64	156.32	1.600	1.049	0.974	1.329	10.47	183.63	12.52	68.10	24.569	1142.7	0.815	3.58	8.05
10.5	444.429	370.02	213.77	156.25	1.600	1.049	0.974	1.329	10.48	183.41	12.52	68.07	24.645	1142.4	0.815	3.58	8.03
10.6	445.818	370.08	213.90	156.18	1.600	1.050	0.975	1.330	10.48	183.19	12.53	68.03	24.721	1142.0	0.815	3.58	8.02
10.7	447.211	370.15	214.03	156.11	1.600	1.050	0.975	1.330	10.48	182.97	12.54	68.00	24.797	1141.7	0.815	3.58	8.01
10.8	448.606	370.21	214.17	156.04	1.600	1.050	0.976	1.331	10.49	182.75	12.55	67.97	24.874	1141.4	0.815	3.58	7.99
10.9	450.005	370.27	214.30	155.97	1.600	1.051	0.976	1.331	10.49	182.53	12.56	67.94	24.950	1141.0	0.815	3.58	7.98
11	451.408	370.33	214.43	155.90	1.600	1.051	0.977	1.331	10.50	182.31	12.57	67.91	25.027	1140.7	0.816	3.57	7.97
11.1	452.813	370.40	214.57	155.83	1.600	1.052	0.977	1.332	10.50	182.09	12.58	67.87	25.104	1140.4	0.816	3.57	7.95
11.2	454.222	370.46	214.70	155.76	1.600	1.052	0.978	1.332	10.50	181.87	12.59	67.84	25.182	1140.0	0.816	3.57	7.94
11.3	455.634	370.52	214.83	155.69	1.600	1.053	0.978	1.333	10.51	181.65	12.60	67.81	25.259	1139.7	0.816	3.57	7.93
11.4	457.050	370.59	214.97	155.62	1.600	1.053	0.979	1.333	10.51	181.44	12.60	67.78	25.337	1139.4	0.816	3.57	7.91
11.5	458.469	370.65	215.10	155.55	1.600	1.054	0.979	1.333	10.52	181.22	12.61	67.75	25.414	1139.0	0.816	3.57	7.90
11.6	459.891	370.71	215.24	155.48	1.600	1.054	0.980	1.334	10.52	181.00	12.62	67.71	25.493	1138.7	0.816	3.57	7.89
11.7	461.316	370.77	215.37	155.41	1.600	1.055	0.980	1.334	10.52	180.79	12.63	67.68	25.571	1138.4	0.817	3.56	7.87
11.8	462.745	370.84	215.50	155.33	1.600	1.055	0.981	1.335	10.53	180.57	12.64	67.65	25.649	1138.0	0.817	3.56	7.86
11.9	464.177	370.90	215.64	155.26	1.600	1.056	0.981	1.335	10.53	180.35	12.65	67.62	25.728	1137.7	0.817	3.56	7.85
12	465.613	370.96	215.77	155.19	1.600	1.056	0.982	1.335	10.54	180.14	12.66	67.59	25.807	1137.4	0.817	3.56	7.83
12.1	467.051	371.02	215.90	155.12	1.600	1.056	0.982	1.336	10.54	179.92	12.67	67.56	25.886	1137.0	0.817	3.56	7.82
12.2	468.494	371.09	216.04	155.05	1.600	1.057	0.983	1.336	10.54	179.71	12.67	67.52	25.965	1136.7	0.817	3.56	7.81
12.3	469.939	371.15	216.17	154.98	1.600	1.057	0.983	1.337	10.55	179.49	12.68	67.49	26.044	1136.4	0.818	3.55	7.79
12.4	471.388	371.21	216.30	154.91	1.600	1.058	0.984	1.337	10.55	179.28	12.69	67.46	26.124	1136.0	0.818	3.55	7.78
12.5	472.840	371.28	216.44	154.84	1.600	1.058	0.984	1.338	10.56	179.06	12.70	67.43	26.204	1135.7	0.818	3.55	7.77
12.6	474.296	371.34	216.57	154.77	1.600	1.059	0.985	1.338	10.56	178.85	12.71	67.40	26.284	1135.4	0.818	3.55	7.76
12.7	475.755	371.40	216.71	154.69	1.600	1.059	0.985	1.338	10.56	178.63	12.72	67.37	26.364	1135.0	0.818	3.55	7.74
12.8	477.217	371.46	216.84	154.62	1.600	1.060	0.986	1.339	10.57	178.42	12.73	67.33	26.444	1134.7	0.818	3.55	7.73
12.9	478.683	371.53	216.97	154.55	1.601	1.060	0.986	1.339	10.57	178.21	12.74	67.30	26.525	1134.3	0.819	3.55	7.72
13	480.152	371.59	217.11	154.48	1.601	1.061	0.987	1.340	10.58	177.99	12.75	67.27	26.606	1134.0	0.819	3.54	7.70
13.1	481.625	371.65	217.24	154.41	1.601	1.061	0.987	1.340	10.58	177.78	12.75	67.24	26.687	1133.7	0.819	3.54	7.69
13.2	483.101	371.71	217.38	154.34	1.601	1.062	0.988	1.340	10.59	177.57	12.76	67.21	26.768	1133.3	0.819	3.54	7.68
13.3	484.580	371.77	217.51	154.26	1.601	1.062	0.988	1.341	10.59	177.35	12.77	67.18	26.850	1133.0	0.819	3.54	7.66
13.4	486.063	371.84	217.65	154.19	1.601	1.063	0.989	1.341	10.59	177.14	12.78	67.14	26.931	1132.7	0.819	3.54	7.65
13.5	487.549	371.90	217.78	154.12	1.601	1.063	0.989	1.342	10.60	176.93	12.79	67.11	27.013	1132.3	0.820	3.54	7.64

13.6	489.038	371.96	217.91	154.05	1.601	1.063	0.990	1.342	10.60	176.72	12.80	67.08	27.095	1132.0	0.820	3.54	7.62
13.7	490.531	372.02	218.05	153.98	1.601	1.064	0.990	1.342	10.61	176.51	12.81	67.05	27.177	1131.6	0.820	3.53	7.61
13.8	492.028	372.09	218.18	153.90	1.601	1.064	0.991	1.343	10.61	176.30	12.82	67.02	27.260	1131.3	0.820	3.53	7.60
13.9	493.528	372.15	218.32	153.83	1.601	1.065	0.991	1.343	10.61	176.09	12.83	66.99	27.343	1131.0	0.820	3.53	7.58
14	495.031	372.21	218.45	153.76	1.601	1.065	0.992	1.344	10.62	175.88	12.83	66.95	27.425	1130.6	0.820	3.53	7.57
14.1	496.538	372.27	218.59	153.69	1.601	1.066	0.992	1.344	10.62	175.67	12.84	66.92	27.508	1130.3	0.821	3.53	7.56
14.2	498.048	372.33	218.72	153.61	1.601	1.066	0.993	1.344	10.63	175.46	12.85	66.89	27.592	1129.9	0.821	3.53	7.55
14.3	499.562	372.40	218.86	153.54	1.601	1.067	0.993	1.345	10.63	175.25	12.86	66.86	27.675	1129.6	0.821	3.53	7.53
14.4	501.079	372.46	218.99	153.47	1.601	1.067	0.994	1.345	10.63	175.04	12.87	66.83	27.759	1129.3	0.821	3.52	7.52
14.5	502.599	372.52	219.13	153.40	1.601	1.068	0.994	1.346	10.64	174.83	12.88	66.80	27.843	1128.9	0.821	3.52	7.51
14.6	504.123	372.58	219.26	153.32	1.601	1.068	0.995	1.346	10.64	174.62	12.89	66.77	27.927	1128.6	0.821	3.52	7.49
14.7	505.651	372.64	219.39	153.25	1.601	1.069	0.995	1.347	10.65	174.41	12.90	66.73	28.011	1128.2	0.822	3.52	7.48
14.8	507.182	372.71	219.53	153.18	1.601	1.069	0.996	1.347	10.65	174.20	12.91	66.70	28.096	1127.9	0.822	3.52	7.47
14.9	508.717	372.77	219.66	153.10	1.601	1.069	0.996	1.347	10.66	173.99	12.92	66.67	28.181	1127.6	0.822	3.52	7.45
15	510.255	372.83	219.80	153.03	1.601	1.070	0.997	1.348	10.66	173.79	12.92	66.64	28.266	1127.2	0.822	3.51	7.44
15.1	511.796	372.89	219.93	152.96	1.601	1.070	0.997	1.348	10.66	173.58	12.93	66.61	28.351	1126.9	0.822	3.51	7.43
15.2	513.341	372.95	220.07	152.89	1.601	1.071	0.998	1.349	10.67	173.37	12.94	66.58	28.436	1126.5	0.822	3.51	7.42
15.3	514.890	373.02	220.20	152.81	1.601	1.071	0.998	1.349	10.67	173.17	12.95	66.54	28.522	1126.2	0.823	3.51	7.40
15.4	516.442	373.08	220.34	152.74	1.601	1.072	0.999	1.349	10.68	172.96	12.96	66.51	28.608	1125.8	0.823	3.51	7.39
15.5	517.997	373.14	220.47	152.67	1.601	1.072	0.999	1.350	10.68	172.75	12.97	66.48	28.694	1125.5	0.823	3.51	7.38
15.6	519.556	373.20	220.61	152.59	1.601	1.073	1.000	1.350	10.68	172.55	12.98	66.45	28.780	1125.2	0.823	3.51	7.36
15.7	521.119	373.26	220.74	152.52	1.601	1.073	1.000	1.351	10.69	172.34	12.99	66.42	28.867	1124.8	0.823	3.50	7.35
15.8	522.685	373.32	220.88	152.45	1.601	1.074	1.001	1.351	10.69	172.13	13.00	66.39	28.953	1124.5	0.824	3.50	7.34
15.9	524.255	373.39	221.02	152.37	1.601	1.074	1.001	1.352	10.70	171.93	13.01	66.36	29.040	1124.1	0.824	3.50	7.32
16	525.828	373.45	221.15	152.30	1.601	1.075	1.002	1.352	10.70	171.72	13.02	66.32	29.127	1123.8	0.824	3.50	7.31
16.1	527.405	373.51	221.29	152.22	1.601	1.075	1.002	1.352	10.71	171.52	13.02	66.29	29.215	1123.4	0.824	3.50	7.30
16.2	528.985	373.57	221.42	152.15	1.601	1.076	1.003	1.353	10.71	171.32	13.03	66.26	29.302	1123.1	0.824	3.50	7.29
16.3	530.569	373.63	221.56	152.08	1.601	1.076	1.004	1.353	10.71	171.11	13.04	66.23	29.390	1122.8	0.824	3.50	7.27
16.4	532.156	373.69	221.69	152.00	1.601	1.076	1.004	1.354	10.72	170.91	13.05	66.20	29.478	1122.4	0.825	3.49	7.26
16.5	533.747	373.76	221.83	151.93	1.601	1.077	1.005	1.354	10.72	170.70	13.06	66.17	29.566	1122.1	0.825	3.49	7.25
16.6	535.342	373.82	221.96	151.85	1.601	1.077	1.005	1.355	10.73	170.50	13.07	66.14	29.655	1121.7	0.825	3.49	7.23
16.7	536.940	373.88	222.10	151.78	1.601	1.078	1.006	1.355	10.73	170.30	13.08	66.10	29.743	1121.4	0.825	3.49	7.22
16.8	538.542	373.94	222.23	151.71	1.602	1.078	1.006	1.355	10.74	170.09	13.09	66.07	29.832	1121.0	0.825	3.49	7.21
16.9	540.147	374.00	222.37	151.63	1.602	1.079	1.007	1.356	10.74	169.89	13.10	66.04	29.921	1120.7	0.826	3.49	7.19
17	541.756	374.06	222.51	151.56	1.602	1.079	1.007	1.356	10.74	169.69	13.11	66.01	30.011	1120.3	0.826	3.49	7.18
17.1	543.368	374.12	222.64	151.48	1.602	1.080	1.008	1.357	10.75	169.49	13.12	65.98	30.100	1120.0	0.826	3.49	7.17
17.2	544.985	374.19	222.78	151.41	1.602	1.080	1.008	1.357	10.75	169.28	13.12	65.95	30.190	1119.6	0.826	3.48	7.16
17.3	546.604	374.25	222.91	151.33	1.602	1.081	1.009	1.358	10.76	169.08	13.13	65.92	30.280	1119.3	0.826	3.48	7.14
17.4	548.228	374.31	223.05	151.26	1.602	1.081	1.009	1.358	10.76	168.88	13.14	65.89	30.370	1119.0	0.826	3.48	7.13
17.5	549.855	374.37	223.19	151.18	1.602	1.082	1.010	1.358	10.77	168.68	13.15	65.85	30.461	1118.6	0.827	3.48	7.12

17.6	551.485	374.43	223.32	151.11	1.602	1.082	1.010	1.359	10.77	168.48	13.16	65.82	30.551	1118.3	0.827	3.48	7.10
17.7	553.119	374.49	223.46	151.03	1.602	1.082	1.011	1.359	10.77	168.28	13.17	65.79	30.642	1117.9	0.827	3.48	7.09
17.8	554.757	374.55	223.59	150.96	1.602	1.083	1.012	1.360	10.78	168.08	13.18	65.76	30.733	1117.6	0.827	3.48	7.08
17.9	556.399	374.61	223.73	150.88	1.602	1.083	1.012	1.360	10.78	167.88	13.19	65.73	30.825	1117.2	0.827	3.47	7.07
18	558.044	374.67	223.87	150.81	1.602	1.084	1.013	1.361	10.79	167.68	13.20	65.70	30.916	1116.9	0.828	3.47	7.05
18.1	559.693	374.74	224.00	150.73	1.602	1.084	1.013	1.361	10.79	167.48	13.21	65.67	31.008	1116.5	0.828	3.47	7.04
18.2	561.345	374.80	224.14	150.66	1.602	1.085	1.014	1.361	10.80	167.28	13.22	65.64	31.100	1116.2	0.828	3.47	7.03
18.3	563.001	374.86	224.27	150.58	1.602	1.085	1.014	1.362	10.80	167.08	13.23	65.60	31.192	1115.8	0.828	3.47	7.02
18.4	564.661	374.92	224.41	150.51	1.602	1.086	1.015	1.362	10.80	166.88	13.24	65.57	31.285	1115.5	0.828	3.47	7.00
18.5	566.325	374.98	224.55	150.43	1.602	1.086	1.015	1.363	10.81	166.68	13.24	65.54	31.377	1115.1	0.829	3.47	6.99
18.6	567.992	375.04	224.68	150.36	1.602	1.087	1.016	1.363	10.81	166.48	13.25	65.51	31.470	1114.8	0.829	3.46	6.98
18.7	569.663	375.10	224.82	150.28	1.602	1.087	1.016	1.364	10.82	166.28	13.26	65.48	31.564	1114.4	0.829	3.46	6.96
18.8	571.337	375.16	224.96	150.21	1.602	1.088	1.017	1.364	10.82	166.09	13.27	65.45	31.657	1114.1	0.829	3.46	6.95
18.9	573.015	375.22	225.09	150.13	1.602	1.088	1.018	1.364	10.83	165.89	13.28	65.42	31.751	1113.7	0.829	3.46	6.94
19	574.697	375.28	225.23	150.05	1.602	1.088	1.018	1.365	10.83	165.69	13.29	65.39	31.845	1113.4	0.830	3.46	6.93
19.1	576.383	375.34	225.37	149.98	1.602	1.089	1.019	1.365	10.83	165.49	13.30	65.36	31.939	1113.0	0.830	3.46	6.91
19.2	578.072	375.40	225.50	149.90	1.602	1.089	1.019	1.366	10.84	165.30	13.31	65.32	32.033	1112.7	0.830	3.46	6.90
19.3	579.765	375.47	225.64	149.83	1.602	1.090	1.020	1.366	10.84	165.10	13.32	65.29	32.128	1112.3	0.830	3.45	6.89
19.4	581.462	375.53	225.78	149.75	1.602	1.090	1.020	1.367	10.85	164.90	13.33	65.26	32.222	1112.0	0.830	3.45	6.87
19.5	583.162	375.59	225.91	149.67	1.602	1.091	1.021	1.367	10.85	164.71	13.34	65.23	32.317	1111.6	0.831	3.45	6.86
19.6	584.867	375.65	226.05	149.60	1.602	1.091	1.021	1.368	10.86	164.51	13.35	65.20	32.413	1111.3	0.831	3.45	6.85
19.7	586.575	375.71	226.19	149.52	1.602	1.092	1.022	1.368	10.86	164.32	13.36	65.17	32.508	1110.9	0.831	3.45	6.84
19.8	588.286	375.77	226.32	149.45	1.602	1.092	1.023	1.368	10.87	164.12	13.37	65.14	32.604	1110.6	0.831	3.45	6.82
19.9	590.002	375.83	226.46	149.37	1.602	1.093	1.023	1.369	10.87	163.92	13.38	65.11	32.700	1110.2	0.831	3.45	6.81
20	591.721	375.89	226.60	149.29	1.602	1.093	1.024	1.369	10.87	163.73	13.39	65.08	32.796	1109.9	0.832	3.45	6.80
20.1	593.444	375.95	226.73	149.22	1.602	1.094	1.024	1.370	10.88	163.53	13.39	65.04	32.893	1109.5	0.832	3.44	6.79
20.2	595.171	376.01	226.87	149.14	1.602	1.094	1.025	1.370	10.88	163.34	13.40	65.01	32.989	1109.2	0.832	3.44	6.77
20.3	596.901	376.07	227.01	149.06	1.602	1.094	1.025	1.371	10.89	163.15	13.41	64.98	33.086	1108.8	0.832	3.44	6.76
20.4	598.635	376.13	227.14	148.99	1.602	1.095	1.026	1.371	10.89	162.95	13.42	64.95	33.184	1108.4	0.833	3.44	6.75
20.5	600.373	376.19	227.28	148.91	1.602	1.095	1.027	1.372	10.90	162.76	13.43	64.92	33.281	1108.1	0.833	3.44	6.74
20.6	602.115	376.25	227.42	148.83	1.603	1.096	1.027	1.372	10.90	162.56	13.44	64.89	33.379	1107.7	0.833	3.44	6.72
20.7	603.861	376.31	227.56	148.75	1.603	1.096	1.028	1.372	10.91	162.37	13.45	64.86	33.477	1107.4	0.833	3.44	6.71
20.8	605.610	376.37	227.69	148.68	1.603	1.097	1.028	1.373	10.91	162.18	13.46	64.83	33.575	1107.0	0.833	3.43	6.70
20.9	607.363	376.43	227.83	148.60	1.603	1.097	1.029	1.373	10.91	161.98	13.47	64.80	33.673	1106.7	0.834	3.43	6.68
21	609.120	376.49	227.97	148.52	1.603	1.098	1.029	1.374	10.92	161.79	13.48	64.77	33.772	1106.3	0.834	3.43	6.67
21.1	610.881	376.55	228.11	148.45	1.603	1.098	1.030	1.374	10.92	161.60	13.49	64.73	33.871	1106.0	0.834	3.43	6.66
21.2	612.646	376.61	228.24	148.37	1.603	1.099	1.031	1.375	10.93	161.41	13.50	64.70	33.970	1105.6	0.834	3.43	6.65
21.3	614.414	376.67	228.38	148.29	1.603	1.099	1.031	1.375	10.93	161.21	13.51	64.67	34.069	1105.2	0.834	3.43	6.63
21.4	616.187	376.73	228.52	148.21	1.603	1.100	1.032	1.376	10.94	161.02	13.52	64.64	34.169	1104.9	0.835	3.43	6.62
21.5	617.963	376.79	228.66	148.14	1.603	1.100	1.032	1.376	10.94	160.83	13.53	64.61	34.269	1104.5	0.835	3.43	6.61

21.6	619.743	376.85	228.79	148.06	1.603	1.100	1.033	1.376	10.95	160.64	13.54	64.58	34.369	1104.2	0.835	3.42	6.60
21.7	621.526	376.91	228.93	147.98	1.603	1.101	1.033	1.377	10.95	160.45	13.55	64.55	34.469	1103.8	0.835	3.42	6.58
21.8	623.314	376.97	229.07	147.90	1.603	1.101	1.034	1.377	10.95	160.26	13.56	64.52	34.570	1103.5	0.836	3.42	6.57
21.9	625.106	377.03	229.21	147.82	1.603	1.102	1.035	1.378	10.96	160.07	13.57	64.49	34.671	1103.1	0.836	3.42	6.56
22	626.901	377.09	229.34	147.75	1.603	1.102	1.035	1.378	10.96	159.88	13.58	64.46	34.772	1102.8	0.836	3.42	6.55
22.1	628.700	377.15	229.48	147.67	1.603	1.103	1.036	1.379	10.97	159.68	13.58	64.43	34.873	1102.4	0.836	3.42	6.53
22.2	630.503	377.21	229.62	147.59	1.603	1.103	1.036	1.379	10.97	159.49	13.59	64.39	34.975	1102.0	0.837	3.42	6.52
22.3	632.310	377.27	229.76	147.51	1.603	1.104	1.037	1.380	10.98	159.30	13.60	64.36	35.077	1101.7	0.837	3.41	6.51
22.4	634.121	377.33	229.90	147.43	1.603	1.104	1.038	1.380	10.98	159.12	13.61	64.33	35.179	1101.3	0.837	3.41	6.50
22.5	635.936	377.39	230.03	147.35	1.603	1.105	1.038	1.381	10.99	158.93	13.62	64.30	35.281	1101.0	0.837	3.41	6.48
22.6	637.754	377.45	230.17	147.28	1.603	1.105	1.039	1.381	10.99	158.74	13.63	64.27	35.384	1100.6	0.837	3.41	6.47
22.7	639.577	377.51	230.31	147.20	1.603	1.106	1.039	1.381	11.00	158.55	13.64	64.24	35.487	1100.2	0.838	3.41	6.46
22.8	641.403	377.57	230.45	147.12	1.603	1.106	1.040	1.382	11.00	158.36	13.65	64.21	35.590	1099.9	0.838	3.41	6.45
22.9	643.234	377.63	230.59	147.04	1.603	1.106	1.041	1.382	11.00	158.17	13.66	64.18	35.693	1099.5	0.838	3.41	6.43
23	645.068	377.69	230.73	146.96	1.603	1.107	1.041	1.383	11.01	157.98	13.67	64.15	35.797	1099.2	0.838	3.41	6.42
23.1	646.906	377.75	230.86	146.88	1.603	1.107	1.042	1.383	11.01	157.79	13.68	64.12	35.901	1098.8	0.839	3.40	6.41
23.2	648.748	377.81	231.00	146.80	1.603	1.108	1.042	1.384	11.02	157.61	13.69	64.09	36.005	1098.4	0.839	3.40	6.40
23.3	650.594	377.86	231.14	146.72	1.603	1.108	1.043	1.384	11.02	157.42	13.70	64.06	36.109	1098.1	0.839	3.40	6.38
23.4	652.444	377.92	231.28	146.64	1.603	1.109	1.044	1.385	11.03	157.23	13.71	64.03	36.214	1097.7	0.839	3.40	6.37
23.5	654.298	377.98	231.42	146.57	1.603	1.109	1.044	1.385	11.03	157.04	13.72	63.99	36.319	1097.4	0.840	3.40	6.36
23.6	656.156	378.04	231.56	146.49	1.603	1.110	1.045	1.386	11.04	156.86	13.73	63.96	36.424	1097.0	0.840	3.40	6.35
23.7	658.017	378.10	231.69	146.41	1.603	1.110	1.045	1.386	11.04	156.67	13.74	63.93	36.530	1096.6	0.840	3.40	6.33
23.8	659.883	378.16	231.83	146.33	1.603	1.111	1.046	1.387	11.05	156.48	13.75	63.90	36.635	1096.3	0.840	3.40	6.32
23.9	661.753	378.22	231.97	146.25	1.603	1.111	1.047	1.387	11.05	156.30	13.76	63.87	36.741	1095.9	0.841	3.39	6.31
24	663.626	378.28	232.11	146.17	1.603	1.112	1.047	1.387	11.06	156.11	13.77	63.84	36.848	1095.5	0.841	3.39	6.30
24.1	665.504	378.34	232.25	146.09	1.603	1.112	1.048	1.388	11.06	155.93	13.78	63.81	36.954	1095.2	0.841	3.39	6.28
24.2	667.386	378.40	232.39	146.01	1.604	1.112	1.048	1.388	11.06	155.74	13.79	63.78	37.061	1094.8	0.841	3.39	6.27
24.3	669.271	378.46	232.53	145.93	1.604	1.113	1.049	1.389	11.07	155.55	13.80	63.75	37.168	1094.5	0.841	3.39	6.26
24.4	671.161	378.51	232.67	145.85	1.604	1.113	1.050	1.389	11.07	155.37	13.81	63.72	37.275	1094.1	0.842	3.39	6.25
24.5	673.054	378.57	232.80	145.77	1.604	1.114	1.050	1.390	11.08	155.18	13.82	63.69	37.383	1093.7	0.842	3.39	6.23
24.6	674.952	378.63	232.94	145.69	1.604	1.114	1.051	1.390	11.08	155.00	13.83	63.66	37.491	1093.4	0.842	3.39	6.22
24.7	676.853	378.69	233.08	145.61	1.604	1.115	1.051	1.391	11.09	154.81	13.84	63.63	37.599	1093.0	0.842	3.38	6.21
24.8	678.759	378.75	233.22	145.53	1.604	1.115	1.052	1.391	11.09	154.63	13.85	63.60	37.707	1092.6	0.843	3.38	6.20
24.9	680.669	378.81	233.36	145.45	1.604	1.116	1.053	1.392	11.10	154.45	13.86	63.57	37.816	1092.3	0.843	3.38	6.18
25	682.582	378.87	233.50	145.37	1.604	1.116	1.053	1.392	11.10	154.26	13.87	63.53	37.925	1091.9	0.843	3.38	6.17
25.1	684.500	378.93	233.64	145.29	1.604	1.117	1.054	1.393	11.11	154.08	13.88	63.50	38.034	1091.5	0.843	3.38	6.16
25.2	686.421	378.98	233.78	145.21	1.604	1.117	1.055	1.393	11.11	153.89	13.89	63.47	38.143	1091.2	0.844	3.38	6.15
25.3	688.347	379.04	233.92	145.13	1.604	1.118	1.055	1.394	11.12	153.71	13.90	63.44	38.253	1090.8	0.844	3.38	6.14
25.4	690.277	379.10	234.06	145.05	1.604	1.118	1.056	1.394	11.12	153.53	13.91	63.41	38.363	1090.4	0.844	3.38	6.12
25.5	692.211	379.16	234.20	144.96	1.604	1.118	1.056	1.394	11.13	153.34	13.92	63.38	38.473	1090.1	0.845	3.37	6.11

25.6	694.148	379.22	234.34	144.88	1.604	1.119	1.057	1.395	11.13	153.16	13.93	63.35	38.584	1089.7	0.845	3.37	6.10
25.7	696.090	379.28	234.47	144.80	1.604	1.119	1.058	1.395	11.13	152.98	13.94	63.32	38.695	1089.3	0.845	3.37	6.09
25.8	698.036	379.34	234.61	144.72	1.604	1.120	1.058	1.396	11.14	152.80	13.95	63.29	38.806	1089.0	0.845	3.37	6.07
25.9	699.986	379.39	234.75	144.64	1.604	1.120	1.059	1.396	11.14	152.61	13.96	63.26	38.917	1088.6	0.846	3.37	6.06
26	701.940	379.45	234.89	144.56	1.604	1.121	1.060	1.397	11.15	152.43	13.97	63.23	39.029	1088.2	0.846	3.37	6.05
26.1	703.899	379.51	235.03	144.48	1.604	1.121	1.060	1.397	11.15	152.25	13.98	63.20	39.141	1087.9	0.846	3.37	6.04
26.2	705.861	379.57	235.17	144.40	1.604	1.122	1.061	1.398	11.16	152.07	13.99	63.17	39.253	1087.5	0.846	3.37	6.02
26.3	707.827	379.63	235.31	144.31	1.604	1.122	1.062	1.398	11.16	151.89	14.00	63.14	39.365	1087.1	0.847	3.36	6.01
26.4	709.798	379.68	235.45	144.23	1.604	1.123	1.062	1.399	11.17	151.71	14.01	63.11	39.478	1086.8	0.847	3.36	6.00
26.5	711.772	379.74	235.59	144.15	1.604	1.123	1.063	1.399	11.17	151.53	14.02	63.08	39.591	1086.4	0.847	3.36	5.99
26.6	713.751	379.80	235.73	144.07	1.604	1.124	1.064	1.400	11.18	151.35	14.03	63.05	39.705	1086.0	0.847	3.36	5.98
26.7	715.734	379.86	235.87	143.99	1.604	1.124	1.064	1.400	11.18	151.16	14.04	63.02	39.818	1085.7	0.848	3.36	5.96
26.8	717.721	379.92	236.01	143.91	1.604	1.124	1.065	1.401	11.19	150.98	14.05	62.99	39.932	1085.3	0.848	3.36	5.95
26.9	719.712	379.97	236.15	143.82	1.604	1.125	1.065	1.401	11.19	150.80	14.06	62.95	40.046	1084.9	0.848	3.36	5.94
27	721.707	380.03	236.29	143.74	1.604	1.125	1.066	1.402	11.20	150.62	14.07	62.92	40.161	1084.5	0.849	3.36	5.93
27.1	723.706	380.09	236.43	143.66	1.604	1.126	1.067	1.402	11.20	150.44	14.08	62.89	40.275	1084.2	0.849	3.35	5.91
27.2	725.710	380.15	236.57	143.58	1.604	1.126	1.067	1.403	11.21	150.26	14.09	62.86	40.390	1083.8	0.849	3.35	5.90
27.3	727.717	380.21	236.71	143.49	1.604	1.127	1.068	1.403	11.21	150.09	14.10	62.83	40.506	1083.4	0.849	3.35	5.89
27.4	729.729	380.26	236.85	143.41	1.604	1.127	1.069	1.404	11.22	149.91	14.11	62.80	40.621	1083.1	0.850	3.35	5.88
27.5	731.745	380.32	236.99	143.33	1.604	1.128	1.069	1.404	11.22	149.73	14.12	62.77	40.737	1082.7	0.850	3.35	5.87
27.6	733.765	380.38	237.13	143.25	1.604	1.128	1.070	1.405	11.23	149.55	14.13	62.74	40.853	1082.3	0.850	3.35	5.85
27.7	735.789	380.44	237.27	143.16	1.604	1.129	1.071	1.405	11.23	149.37	14.14	62.71	40.970	1081.9	0.850	3.35	5.84
27.8	737.818	380.49	237.41	143.08	1.604	1.129	1.071	1.406	11.24	149.19	14.15	62.68	41.086	1081.6	0.851	3.35	5.83
27.9	739.850	380.55	237.55	143.00	1.605	1.130	1.072	1.406	11.24	149.01	14.16	62.65	41.203	1081.2	0.851	3.34	5.82
28	741.887	380.61	237.69	142.92	1.605	1.130	1.073	1.407	11.25	148.84	14.17	62.62	41.321	1080.8	0.851	3.34	5.81
28.1	743.928	380.67	237.83	142.83	1.605	1.130	1.073	1.407	11.25	148.66	14.18	62.59	41.438	1080.5	0.852	3.34	5.79
28.2	745.973	380.72	237.98	142.75	1.605	1.131	1.074	1.408	11.26	148.48	14.19	62.56	41.556	1080.1	0.852	3.34	5.78
28.3	748.023	380.78	238.12	142.67	1.605	1.131	1.075	1.408	11.26	148.30	14.20	62.53	41.674	1079.7	0.852	3.34	5.77
28.4	750.076	380.84	238.26	142.58	1.605	1.132	1.075	1.409	11.27	148.13	14.21	62.50	41.793	1079.3	0.852	3.34	5.76
28.5	752.134	380.90	238.40	142.50	1.605	1.132	1.076	1.409	11.27	147.95	14.22	62.47	41.912	1079.0	0.853	3.34	5.74
28.6	754.196	380.95	238.54	142.42	1.605	1.133	1.077	1.410	11.28	147.77	14.23	62.44	42.031	1078.6	0.853	3.34	5.73
28.7	756.262	381.01	238.68	142.33	1.605	1.133	1.077	1.410	11.28	147.59	14.24	62.41	42.150	1078.2	0.853	3.33	5.72
28.8	758.333	381.07	238.82	142.25	1.605	1.134	1.078	1.411	11.29	147.42	14.25	62.38	42.270	1077.8	0.854	3.33	5.71
28.9	760.408	381.13	238.96	142.16	1.605	1.134	1.079	1.411	11.29	147.24	14.26	62.35	42.390	1077.5	0.854	3.33	5.70
29	762.487	381.18	239.10	142.08	1.605	1.135	1.079	1.412	11.29	147.07	14.27	62.32	42.510	1077.1	0.854	3.33	5.68
29.1	764.570	381.24	239.24	142.00	1.605	1.135	1.080	1.412	11.30	146.89	14.28	62.29	42.630	1076.7	0.854	3.33	5.67
29.2	766.657	381.30	239.38	141.91	1.605	1.135	1.081	1.413	11.30	146.71	14.29	62.26	42.751	1076.3	0.855	3.33	5.66
29.3	768.749	381.35	239.52	141.83	1.605	1.136	1.082	1.413	11.31	146.54	14.31	62.23	42.872	1075.9	0.855	3.33	5.65
29.4	770.845	381.41	239.67	141.74	1.605	1.136	1.082	1.414	11.31	146.36	14.32	62.20	42.994	1075.6	0.855	3.33	5.64
29.5	772.945	381.47	239.81	141.66	1.605	1.137	1.083	1.414	11.32	146.19	14.33	62.17	43.116	1075.2	0.856	3.33	5.62

29.6	775.050	381.52	239.95	141.58	1.605	1.137	1.084	1.415	11.32	146.01	14.34	62.14	43.238	1074.8	0.856	3.32	5.61
29.7	777.159	381.58	240.09	141.49	1.605	1.138	1.084	1.415	11.33	145.84	14.35	62.11	43.360	1074.4	0.856	3.32	5.60
29.8	779.272	381.64	240.23	141.41	1.605	1.138	1.085	1.416	11.34	145.66	14.36	62.08	43.483	1074.1	0.857	3.32	5.59
29.9	781.389	381.69	240.37	141.32	1.605	1.139	1.086	1.416	11.34	145.49	14.37	62.05	43.606	1073.7	0.857	3.32	5.58
30	783.511	381.75	240.51	141.24	1.605	1.139	1.086	1.417	11.35	145.32	14.38	62.02	43.729	1073.3	0.857	3.32	5.56
30.1	785.637	381.81	240.65	141.15	1.605	1.140	1.087	1.417	11.35	145.14	14.39	61.99	43.853	1072.9	0.858	3.32	5.55
30.2	787.767	381.86	240.80	141.07	1.605	1.140	1.088	1.418	11.36	144.97	14.40	61.95	43.976	1072.5	0.858	3.32	5.54
30.3	789.902	381.92	240.94	140.98	1.605	1.141	1.089	1.418	11.36	144.79	14.41	61.92	44.101	1072.2	0.858	3.32	5.53
30.4	792.041	381.98	241.08	140.90	1.605	1.141	1.089	1.419	11.37	144.62	14.42	61.89	44.225	1071.8	0.858	3.31	5.52
30.5	794.184	382.03	241.22	140.81	1.605	1.141	1.090	1.419	11.37	144.45	14.43	61.86	44.350	1071.4	0.859	3.31	5.50
30.6	796.332	382.09	241.36	140.73	1.605	1.142	1.091	1.420	11.38	144.27	14.44	61.83	44.475	1071.0	0.859	3.31	5.49
30.7	798.484	382.15	241.50	140.64	1.605	1.142	1.091	1.420	11.38	144.10	14.45	61.80	44.600	1070.6	0.859	3.31	5.48
30.8	800.640	382.20	241.65	140.56	1.605	1.143	1.092	1.421	11.39	143.93	14.46	61.77	44.726	1070.3	0.860	3.31	5.47
30.9	802.801	382.26	241.79	140.47	1.605	1.143	1.093	1.421	11.39	143.76	14.47	61.74	44.852	1069.9	0.860	3.31	5.46
31	804.966	382.31	241.93	140.39	1.605	1.144	1.094	1.422	11.40	143.58	14.48	61.71	44.979	1069.5	0.860	3.31	5.44
31.1	807.135	382.37	242.07	140.30	1.605	1.144	1.094	1.422	11.40	143.41	14.50	61.68	45.105	1069.1	0.861	3.31	5.43
31.2	809.309	382.43	242.21	140.21	1.605	1.145	1.095	1.423	11.41	143.24	14.51	61.65	45.232	1068.7	0.861	3.31	5.42
31.3	811.487	382.48	242.36	140.13	1.605	1.145	1.096	1.423	11.41	143.07	14.52	61.62	45.360	1068.3	0.861	3.30	5.41
31.4	813.670	382.54	242.50	140.04	1.605	1.146	1.096	1.424	11.42	142.90	14.53	61.59	45.487	1068.0	0.862	3.30	5.40
31.5	815.856	382.60	242.64	139.96	1.605	1.146	1.097	1.424	11.42	142.72	14.54	61.56	45.615	1067.6	0.862	3.30	5.39
31.6	818.048	382.65	242.78	139.87	1.605	1.147	1.098	1.425	11.43	142.55	14.55	61.53	45.744	1067.2	0.862	3.30	5.37
31.7	820.243	382.71	242.92	139.78	1.606	1.147	1.099	1.425	11.43	142.38	14.56	61.50	45.872	1066.8	0.863	3.30	5.36
31.8	822.444	382.76	243.07	139.70	1.606	1.147	1.099	1.426	11.44	142.21	14.57	61.47	46.001	1066.4	0.863	3.30	5.35
31.9	824.648	382.82	243.21	139.61	1.606	1.148	1.100	1.426	11.44	142.04	14.58	61.44	46.130	1066.0	0.863	3.30	5.34
32	826.857	382.87	243.35	139.52	1.606	1.148	1.101	1.427	11.45	141.87	14.59	61.41	46.260	1065.7	0.864	3.30	5.33
32.1	829.070	382.93	243.49	139.44	1.606	1.149	1.102	1.428	11.45	141.70	14.60	61.38	46.390	1065.3	0.864	3.30	5.31
32.2	831.288	382.99	243.64	139.35	1.606	1.149	1.102	1.428	11.46	141.53	14.61	61.35	46.520	1064.9	0.864	3.29	5.30
32.3	833.510	383.04	243.78	139.26	1.606	1.150	1.103	1.429	11.46	141.36	14.63	61.32	46.650	1064.5	0.865	3.29	5.29
32.4	835.737	383.10	243.92	139.18	1.606	1.150	1.104	1.429	11.47	141.19	14.64	61.29	46.781	1064.1	0.865	3.29	5.28
32.5	837.968	383.15	244.06	139.09	1.606	1.151	1.105	1.430	11.47	141.02	14.65	61.26	46.913	1063.7	0.865	3.29	5.27
32.6	840.203	383.21	244.21	139.00	1.606	1.151	1.105	1.430	11.48	140.85	14.66	61.23	47.044	1063.3	0.866	3.29	5.25
32.7	842.443	383.26	244.35	138.91	1.606	1.152	1.106	1.431	11.48	140.68	14.67	61.20	47.176	1062.9	0.866	3.29	5.24
32.8	844.688	383.32	244.49	138.83	1.606	1.152	1.107	1.431	11.49	140.51	14.68	61.17	47.308	1062.6	0.866	3.29	5.23
32.9	846.937	383.37	244.63	138.74	1.606	1.153	1.108	1.432	11.50	140.34	14.69	61.14	47.441	1062.2	0.867	3.29	5.22
33	849.190	383.43	244.78	138.65	1.606	1.153	1.108	1.432	11.50	140.17	14.70	61.11	47.573	1061.8	0.867	3.29	5.21
33.1	851.448	383.48	244.92	138.56	1.606	1.153	1.109	1.433	11.51	140.00	14.71	61.08	47.707	1061.4	0.867	3.28	5.20
33.2	853.710	383.54	245.06	138.48	1.606	1.154	1.110	1.433	11.51	139.84	14.72	61.05	47.840	1061.0	0.868	3.28	5.18
33.3	855.977	383.59	245.21	138.39	1.606	1.154	1.111	1.434	11.52	139.67	14.73	61.02	47.974	1060.6	0.868	3.28	5.17
33.4	858.248	383.65	245.35	138.30	1.606	1.155	1.111	1.435	11.52	139.50	14.75	60.99	48.108	1060.2	0.868	3.28	5.16
33.5	860.524	383.70	245.49	138.21	1.606	1.155	1.112	1.435	11.53	139.33	14.76	60.96	48.243	1059.8	0.869	3.28	5.15

33.6	862.805	383.76	245.64	138.12	1.606	1.156	1.113	1.436	11.53	139.16	14.77	60.93	48.377	1059.4	0.869	3.28	5.14
33.7	865.089	383.81	245.78	138.04	1.606	1.156	1.114	1.436	11.54	139.00	14.78	60.90	48.513	1059.1	0.869	3.28	5.13
33.8	867.379	383.87	245.92	137.95	1.606	1.157	1.114	1.437	11.54	138.83	14.79	60.87	48.648	1058.7	0.870	3.28	5.11
33.9	869.673	383.92	246.07	137.86	1.606	1.157	1.115	1.437	11.55	138.66	14.80	60.84	48.784	1058.3	0.870	3.28	5.10
34	871.971	383.98	246.21	137.77	1.606	1.158	1.116	1.438	11.55	138.49	14.81	60.81	48.920	1057.9	0.871	3.27	5.09
34.1	874.274	384.03	246.35	137.68	1.606	1.158	1.117	1.438	11.56	138.33	14.82	60.79	49.057	1057.5	0.871	3.27	5.08
34.2	876.581	384.09	246.50	137.59	1.606	1.158	1.118	1.439	11.57	138.16	14.83	60.76	49.194	1057.1	0.871	3.27	5.07
34.3	878.894	384.14	246.64	137.50	1.606	1.159	1.118	1.439	11.57	137.99	14.85	60.73	49.331	1056.7	0.872	3.27	5.06
34.4	881.210	384.20	246.78	137.42	1.606	1.159	1.119	1.440	11.58	137.83	14.86	60.70	49.468	1056.3	0.872	3.27	5.04
34.5	883.531	384.25	246.93	137.33	1.606	1.160	1.120	1.441	11.58	137.66	14.87	60.67	49.606	1055.9	0.872	3.27	5.03
34.6	885.857	384.31	247.07	137.24	1.606	1.160	1.121	1.441	11.59	137.49	14.88	60.64	49.745	1055.5	0.873	3.27	5.02
34.7	888.187	384.36	247.21	137.15	1.606	1.161	1.121	1.442	11.59	137.33	14.89	60.61	49.883	1055.1	0.873	3.27	5.01
34.8	890.522	384.42	247.36	137.06	1.606	1.161	1.122	1.442	11.60	137.16	14.90	60.58	50.022	1054.7	0.873	3.27	5.00
34.9	892.862	384.47	247.50	136.97	1.606	1.162	1.123	1.443	11.60	137.00	14.91	60.55	50.161	1054.3	0.874	3.26	4.99
35	895.206	384.52	247.64	136.88	1.606	1.162	1.124	1.443	11.61	136.83	14.93	60.52	50.301	1054.0	0.874	3.26	4.97
35.1	897.554	384.58	247.79	136.79	1.606	1.163	1.125	1.444	11.61	136.66	14.94	60.49	50.441	1053.6	0.875	3.26	4.96
35.2	899.908	384.63	247.93	136.70	1.606	1.163	1.125	1.445	11.62	136.50	14.95	60.46	50.581	1053.2	0.875	3.26	4.95
35.3	902.265	384.69	248.08	136.61	1.606	1.164	1.126	1.445	11.63	136.33	14.96	60.43	50.722	1052.8	0.875	3.26	4.94
35.4	904.628	384.74	248.22	136.52	1.606	1.164	1.127	1.446	11.63	136.17	14.97	60.40	50.863	1052.4	0.876	3.26	4.93
35.5	906.995	384.79	248.36	136.43	1.606	1.164	1.128	1.446	11.64	136.00	14.98	60.37	51.005	1052.0	0.876	3.26	4.92
35.6	909.367	384.85	248.51	136.34	1.607	1.165	1.129	1.447	11.64	135.84	14.99	60.34	51.146	1051.6	0.876	3.26	4.90
35.7	911.743	384.90	248.65	136.25	1.607	1.165	1.130	1.447	11.65	135.68	15.00	60.31	51.288	1051.2	0.877	3.26	4.89
35.8	914.124	384.96	248.80	136.16	1.607	1.166	1.130	1.448	11.65	135.51	15.02	60.28	51.431	1050.8	0.877	3.26	4.88
35.9	916.510	385.01	248.94	136.07	1.607	1.166	1.131	1.448	11.66	135.35	15.03	60.25	51.574	1050.4	0.878	3.25	4.87
36	918.900	385.06	249.09	135.98	1.607	1.167	1.132	1.449	11.66	135.18	15.04	60.22	51.717	1050.0	0.878	3.25	4.86
36.1	921.295	385.12	249.23	135.89	1.607	1.167	1.133	1.450	11.67	135.02	15.05	60.19	51.861	1049.6	0.878	3.25	4.85
36.2	923.694	385.17	249.37	135.80	1.607	1.168	1.134	1.450	11.68	134.86	15.06	60.16	52.005	1049.2	0.879	3.25	4.84
36.3	926.099	385.23	249.52	135.71	1.607	1.168	1.135	1.451	11.68	134.69	15.07	60.13	52.149	1048.8	0.879	3.25	4.82
36.4	928.508	385.28	249.66	135.62	1.607	1.169	1.135	1.451	11.69	134.53	15.09	60.10	52.293	1048.4	0.880	3.25	4.81
36.5	930.921	385.33	249.81	135.52	1.607	1.169	1.136	1.452	11.69	134.37	15.10	60.07	52.439	1048.0	0.880	3.25	4.80
36.6	933.340	385.39	249.95	135.43	1.607	1.170	1.137	1.453	11.70	134.20	15.11	60.04	52.584	1047.6	0.880	3.25	4.79
36.7	935.763	385.44	250.10	135.34	1.607	1.170	1.138	1.453	11.70	134.04	15.12	60.01	52.730	1047.2	0.881	3.25	4.78
36.8	938.190	385.49	250.24	135.25	1.607	1.170	1.139	1.454	11.71	133.88	15.13	59.98	52.876	1046.8	0.881	3.24	4.77
36.9	940.623	385.55	250.39	135.16	1.607	1.171	1.140	1.454	11.72	133.71	15.14	59.95	53.022	1046.4	0.882	3.24	4.75
37	943.060	385.60	250.53	135.07	1.607	1.171	1.140	1.455	11.72	133.55	15.16	59.92	53.169	1046.0	0.882	3.24	4.74
37.1	945.502	385.65	250.68	134.98	1.607	1.172	1.141	1.455	11.73	133.39	15.17	59.89	53.316	1045.6	0.882	3.24	4.73
37.2	947.948	385.71	250.82	134.88	1.607	1.172	1.142	1.456	11.73	133.23	15.18	59.86	53.464	1045.2	0.883	3.24	4.72
37.3	950.399	385.76	250.97	134.79	1.607	1.173	1.143	1.457	11.74	133.07	15.19	59.83	53.612	1044.8	0.883	3.24	4.71
37.4	952.855	385.81	251.11	134.70	1.607	1.173	1.144	1.457	11.74	132.90	15.20	59.80	53.760	1044.4	0.884	3.24	4.70
37.5	955.316	385.86	251.26	134.61	1.607	1.174	1.145	1.458	11.75	132.74	15.21	59.78	53.909	1044.0	0.884	3.24	4.69

37.6	957.782	385.92	251.40	134.52	1.607	1.174	1.146	1.458	11.76	132.58	15.23	59.75	54.058	1043.6	0.884	3.24	4.67
37.7	960.252	385.97	251.55	134.42	1.607	1.175	1.146	1.459	11.76	132.42	15.24	59.72	54.208	1043.2	0.885	3.24	4.66
37.8	962.727	386.02	251.69	134.33	1.607	1.175	1.147	1.460	11.77	132.26	15.25	59.69	54.358	1042.8	0.885	3.23	4.65
37.9	965.207	386.08	251.84	134.24	1.607	1.175	1.148	1.460	11.77	132.10	15.26	59.66	54.508	1042.4	0.886	3.23	4.64
38	967.691	386.13	251.98	134.14	1.607	1.176	1.149	1.461	11.78	131.94	15.27	59.63	54.658	1042.0	0.886	3.23	4.63
38.1	970.181	386.18	252.13	134.05	1.607	1.176	1.150	1.461	11.78	131.78	15.29	59.60	54.809	1041.6	0.887	3.23	4.62
38.2	972.675	386.23	252.27	133.96	1.607	1.177	1.151	1.462	11.79	131.62	15.30	59.57	54.961	1041.1	0.887	3.23	4.61
38.3	975.174	386.29	252.42	133.87	1.607	1.177	1.152	1.463	11.80	131.45	15.31	59.54	55.113	1040.7	0.887	3.23	4.59
38.4	977.677	386.34	252.57	133.77	1.607	1.178	1.153	1.463	11.80	131.29	15.32	59.51	55.265	1040.3	0.888	3.23	4.58
38.5	980.186	386.39	252.71	133.68	1.607	1.178	1.153	1.464	11.81	131.13	15.33	59.48	55.417	1039.9	0.888	3.23	4.57
38.6	982.699	386.44	252.86	133.59	1.607	1.179	1.154	1.464	11.81	130.97	15.35	59.45	55.570	1039.5	0.889	3.23	4.56
38.7	985.217	386.50	253.00	133.49	1.607	1.179	1.155	1.465	11.82	130.81	15.36	59.42	55.724	1039.1	0.889	3.23	4.55
38.8	987.740	386.55	253.15	133.40	1.607	1.180	1.156	1.466	11.83	130.65	15.37	59.39	55.877	1038.7	0.890	3.22	4.54
38.9	990.268	386.60	253.29	133.31	1.607	1.180	1.157	1.466	11.83	130.50	15.38	59.36	56.031	1038.3	0.890	3.22	4.53
39	992.800	386.65	253.44	133.21	1.607	1.181	1.158	1.467	11.84	130.34	15.39	59.33	56.186	1037.9	0.890	3.22	4.52
39.1	995.338	386.70	253.59	133.12	1.607	1.181	1.159	1.468	11.84	130.18	15.41	59.30	56.341	1037.5	0.891	3.22	4.50
39.2	997.880	386.76	253.73	133.02	1.607	1.181	1.160	1.468	11.85	130.02	15.42	59.27	56.496	1037.1	0.891	3.22	4.49
39.3	1000.427	386.81	253.88	132.93	1.607	1.182	1.161	1.469	11.86	129.86	15.43	59.24	56.652	1036.7	0.892	3.22	4.48
39.4	1002.979	386.86	254.02	132.84	1.607	1.182	1.162	1.469	11.86	129.70	15.44	59.21	56.808	1036.2	0.892	3.22	4.47
39.5	1005.536	386.91	254.17	132.74	1.607	1.183	1.162	1.470	11.87	129.54	15.46	59.19	56.964	1035.8	0.893	3.22	4.46
39.6	1008.098	386.96	254.32	132.65	1.607	1.183	1.163	1.471	11.87	129.38	15.47	59.16	57.121	1035.4	0.893	3.22	4.45
39.7	1010.664	387.01	254.46	132.55	1.607	1.184	1.164	1.471	11.88	129.22	15.48	59.13	57.279	1035.0	0.893	3.22	4.44
39.8	1013.236	387.07	254.61	132.46	1.607	1.184	1.165	1.472	11.89	129.07	15.49	59.10	57.436	1034.6	0.894	3.21	4.43
39.9	1015.812	387.12	254.76	132.36	1.607	1.185	1.166	1.473	11.89	128.91	15.50	59.07	57.594	1034.2	0.894	3.21	4.41
40	1018.393	387.17	254.90	132.27	1.608	1.185	1.167	1.473	11.90	128.75	15.52	59.04	57.753	1033.8	0.895	3.21	4.40
40.1	1020.979	387.22	255.05	132.17	1.608	1.186	1.168	1.474	11.90	128.59	15.53	59.01	57.912	1033.4	0.895	3.21	4.39
40.2	1023.570	387.27	255.20	132.08	1.608	1.186	1.169	1.474	11.91	128.43	15.54	58.98	58.071	1033.0	0.896	3.21	4.38
40.3	1026.166	387.32	255.34	131.98	1.608	1.187	1.170	1.475	11.92	128.28	15.55	58.95	58.231	1032.5	0.896	3.21	4.37
40.4	1028.767	387.37	255.49	131.89	1.608	1.187	1.171	1.476	11.92	128.12	15.57	58.92	58.391	1032.1	0.897	3.21	4.36
40.5	1031.373	387.43	255.64	131.79	1.608	1.187	1.172	1.476	11.93	127.96	15.58	58.89	58.552	1031.7	0.897	3.21	4.35
40.6	1033.984	387.48	255.78	131.69	1.608	1.188	1.173	1.477	11.93	127.80	15.59	58.86	58.712	1031.3	0.898	3.21	4.34
40.7	1036.599	387.53	255.93	131.60	1.608	1.188	1.174	1.478	11.94	127.65	15.60	58.83	58.874	1030.9	0.898	3.21	4.32
40.8	1039.220	387.58	256.08	131.50	1.608	1.189	1.175	1.478	11.95	127.49	15.62	58.80	59.036	1030.5	0.899	3.21	4.31
40.9	1041.846	387.63	256.22	131.41	1.608	1.189	1.176	1.479	11.95	127.33	15.63	58.77	59.198	1030.1	0.899	3.20	4.30
41	1044.476	387.68	256.37	131.31	1.608	1.190	1.176	1.480	11.96	127.18	15.64	58.75	59.360	1029.6	0.900	3.20	4.29
41.1	1047.112	387.73	256.52	131.21	1.608	1.190	1.177	1.480	11.97	127.02	15.65	58.72	59.523	1029.2	0.900	3.20	4.28
41.2	1049.752	387.78	256.66	131.12	1.608	1.191	1.178	1.481	11.97	126.86	15.67	58.69	59.687	1028.8	0.900	3.20	4.27
41.3	1052.398	387.83	256.81	131.02	1.608	1.191	1.179	1.482	11.98	126.71	15.68	58.66	59.851	1028.4	0.901	3.20	4.26
41.4	1055.048	387.88	256.96	130.93	1.608	1.192	1.180	1.482	11.98	126.55	15.69	58.63	60.015	1028.0	0.901	3.20	4.25
41.5	1057.703	387.93	257.11	130.83	1.608	1.192	1.181	1.483	11.99	126.40	15.71	58.60	60.180	1027.5	0.902	3.20	4.24

41.6	1060.364	387.98	257.25	130.73	1.608	1.193	1.182	1.484	12.00	126.24	15.72	58.57	60.345	1027.1	0.902	3.20	4.22
41.7	1063.029	388.04	257.40	130.63	1.608	1.193	1.183	1.484	12.00	126.08	15.73	58.54	60.511	1026.7	0.903	3.20	4.21
41.8	1065.699	388.09	257.55	130.54	1.608	1.193	1.184	1.485	12.01	125.93	15.74	58.51	60.677	1026.3	0.903	3.20	4.20
41.9	1068.375	388.14	257.70	130.44	1.608	1.194	1.185	1.486	12.02	125.77	15.76	58.48	60.843	1025.9	0.904	3.20	4.19
42	1071.055	388.19	257.84	130.34	1.608	1.194	1.186	1.486	12.02	125.62	15.77	58.45	61.010	1025.5	0.904	3.19	4.18
42.1	1073.741	388.24	257.99	130.25	1.608	1.195	1.187	1.487	12.03	125.46	15.78	58.42	61.177	1025.0	0.905	3.19	4.17
42.2	1076.431	388.29	258.14	130.15	1.608	1.195	1.188	1.488	12.03	125.31	15.79	58.39	61.345	1024.6	0.905	3.19	4.16
42.3	1079.127	388.34	258.29	130.05	1.608	1.196	1.189	1.488	12.04	125.15	15.81	58.36	61.513	1024.2	0.906	3.19	4.15
42.4	1081.827	388.39	258.43	129.95	1.608	1.196	1.190	1.489	12.05	125.00	15.82	58.34	61.682	1023.8	0.906	3.19	4.14
42.5	1084.533	388.44	258.58	129.85	1.608	1.197	1.191	1.490	12.05	124.84	15.83	58.31	61.851	1023.3	0.907	3.19	4.13
42.6	1087.244	388.49	258.73	129.76	1.608	1.197	1.192	1.490	12.06	124.69	15.85	58.28	62.020	1022.9	0.907	3.19	4.11
42.7	1089.959	388.54	258.88	129.66	1.608	1.198	1.193	1.491	12.07	124.54	15.86	58.25	62.190	1022.5	0.908	3.19	4.10
42.8	1092.680	388.59	259.03	129.56	1.608	1.198	1.194	1.492	12.07	124.38	15.87	58.22	62.360	1022.1	0.908	3.19	4.09
42.9	1095.406	388.64	259.17	129.46	1.608	1.198	1.195	1.492	12.08	124.23	15.89	58.19	62.531	1021.6	0.909	3.19	4.08
43	1098.137	388.69	259.32	129.36	1.608	1.199	1.196	1.493	12.09	124.07	15.90	58.16	62.702	1021.2	0.909	3.19	4.07
43.1	1100.873	388.73	259.47	129.26	1.608	1.199	1.197	1.494	12.09	123.92	15.91	58.13	62.874	1020.8	0.910	3.18	4.06
43.2	1103.614	388.78	259.62	129.17	1.608	1.200	1.198	1.494	12.10	123.77	15.93	58.10	63.046	1020.4	0.910	3.18	4.05
43.3	1106.361	388.83	259.77	129.07	1.608	1.200	1.199	1.495	12.11	123.61	15.94	58.07	63.219	1019.9	0.911	3.18	4.04
43.4	1109.112	388.88	259.92	128.97	1.608	1.201	1.200	1.496	12.11	123.46	15.95	58.04	63.392	1019.5	0.912	3.18	4.03
43.5	1111.868	388.93	260.06	128.87	1.608	1.201	1.201	1.497	12.12	123.31	15.96	58.01	63.565	1019.1	0.912	3.18	4.02
43.6	1114.630	388.98	260.21	128.77	1.608	1.202	1.203	1.497	12.13	123.15	15.98	57.99	63.739	1018.7	0.913	3.18	4.00
43.7	1117.397	389.03	260.36	128.67	1.608	1.202	1.204	1.498	12.13	123.00	15.99	57.96	63.914	1018.2	0.913	3.18	3.99
43.8	1120.169	389.08	260.51	128.57	1.608	1.203	1.205	1.499	12.14	122.85	16.00	57.93	64.088	1017.8	0.914	3.18	3.98
43.9	1122.946	389.13	260.66	128.47	1.608	1.203	1.206	1.499	12.15	122.69	16.02	57.90	64.264	1017.4	0.914	3.18	3.97
44	1125.728	389.18	260.81	128.37	1.608	1.204	1.207	1.500	12.15	122.54	16.03	57.87	64.440	1017.0	0.915	3.18	3.96
44.1	1128.515	389.23	260.96	128.27	1.608	1.204	1.208	1.501	12.16	122.39	16.04	57.84	64.616	1016.5	0.915	3.18	3.95
44.2	1131.307	389.28	261.11	128.17	1.608	1.204	1.209	1.502	12.17	122.24	16.06	57.81	64.792	1016.1	0.916	3.17	3.94
44.3	1134.105	389.32	261.25	128.07	1.608	1.205	1.210	1.502	12.17	122.08	16.07	57.78	64.970	1015.7	0.916	3.17	3.93
44.4	1136.908	389.37	261.40	127.97	1.608	1.205	1.211	1.503	12.18	121.93	16.09	57.75	65.147	1015.2	0.917	3.17	3.92
44.5	1139.716	389.42	261.55	127.87	1.608	1.206	1.212	1.504	12.19	121.78	16.10	57.72	65.325	1014.8	0.917	3.17	3.91
44.6	1142.529	389.47	261.70	127.77	1.608	1.206	1.213	1.504	12.19	121.63	16.11	57.69	65.504	1014.4	0.918	3.17	3.90
44.7	1145.347	389.52	261.85	127.67	1.608	1.207	1.214	1.505	12.20	121.48	16.13	57.66	65.683	1013.9	0.919	3.17	3.88
44.8	1148.171	389.57	262.00	127.57	1.608	1.207	1.215	1.506	12.21	121.32	16.14	57.64	65.862	1013.5	0.919	3.17	3.87
44.9	1151.000	389.62	262.15	127.47	1.608	1.208	1.216	1.507	12.21	121.17	16.15	57.61	66.042	1013.1	0.920	3.17	3.86
45	1153.834	389.66	262.30	127.36	1.608	1.208	1.217	1.507	12.22	121.02	16.17	57.58	66.223	1012.6	0.920	3.17	3.85
45.1	1156.673	389.71	262.45	127.26	1.609	1.209	1.219	1.508	12.23	120.87	16.18	57.55	66.403	1012.2	0.921	3.17	3.84
45.2	1159.517	389.76	262.60	127.16	1.609	1.209	1.220	1.509	12.23	120.72	16.19	57.52	66.585	1011.8	0.921	3.17	3.83
45.3	1162.367	389.81	262.75	127.06	1.609	1.210	1.221	1.510	12.24	120.57	16.21	57.49	66.767	1011.3	0.922	3.17	3.82
45.4	1165.222	389.86	262.90	126.96	1.609	1.210	1.222	1.510	12.25	120.42	16.22	57.46	66.949	1010.9	0.922	3.17	3.81
45.5	1168.082	389.90	263.05	126.86	1.609	1.210	1.223	1.511	12.25	120.26	16.24	57.43	67.132	1010.5	0.923	3.16	3.80

45.6	1170.947	389.95	263.20	126.76	1.609	1.211	1.224	1.512	12.26	120.11	16.25	57.40	67.315	1010.0	0.924	3.16	3.79
45.7	1173.818	390.00	263.35	126.65	1.609	1.211	1.225	1.513	12.27	119.96	16.26	57.37	67.499	1009.6	0.924	3.16	3.78
45.8	1176.694	390.05	263.50	126.55	1.609	1.212	1.226	1.513	12.27	119.81	16.28	57.35	67.683	1009.2	0.925	3.16	3.77
45.9	1179.575	390.09	263.65	126.45	1.609	1.212	1.227	1.514	12.28	119.66	16.29	57.32	67.868	1008.7	0.925	3.16	3.76
46	1182.462	390.14	263.80	126.35	1.609	1.213	1.229	1.515	12.29	119.51	16.30	57.29	68.053	1008.3	0.926	3.16	3.74
46.1	1185.353	390.19	263.95	126.24	1.609	1.213	1.230	1.516	12.29	119.36	16.32	57.26	68.239	1007.9	0.927	3.16	3.73
46.2	1188.250	390.24	264.10	126.14	1.609	1.214	1.231	1.516	12.30	119.21	16.33	57.23	68.425	1007.4	0.927	3.16	3.72
46.3	1191.153	390.28	264.25	126.04	1.609	1.214	1.232	1.517	12.31	119.06	16.35	57.20	68.612	1007.0	0.928	3.16	3.71
46.4	1194.060	390.33	264.40	125.93	1.609	1.215	1.233	1.518	12.32	118.91	16.36	57.17	68.799	1006.5	0.928	3.16	3.70
46.5	1196.973	390.38	264.55	125.83	1.609	1.215	1.234	1.519	12.32	118.76	16.38	57.14	68.987	1006.1	0.929	3.16	3.69
46.6	1199.892	390.43	264.70	125.73	1.609	1.216	1.236	1.519	12.33	118.61	16.39	57.11	69.175	1005.7	0.929	3.16	3.68
46.7	1202.815	390.47	264.85	125.62	1.609	1.216	1.237	1.520	12.34	118.46	16.40	57.08	69.364	1005.2	0.930	3.15	3.67
46.8	1205.744	390.52	265.00	125.52	1.609	1.216	1.238	1.521	12.34	118.31	16.42	57.06	69.553	1004.8	0.931	3.15	3.66
46.9	1208.678	390.57	265.15	125.42	1.609	1.217	1.239	1.522	12.35	118.16	16.43	57.03	69.743	1004.3	0.931	3.15	3.65
47	1211.618	390.61	265.30	125.31	1.609	1.217	1.240	1.523	12.36	118.02	16.45	57.00	69.933	1003.9	0.932	3.15	3.64
47.1	1214.563	390.66	265.45	125.21	1.609	1.218	1.241	1.523	12.37	117.87	16.46	56.97	70.124	1003.4	0.933	3.15	3.63
47.2	1217.513	390.71	265.60	125.11	1.609	1.218	1.243	1.524	12.37	117.72	16.48	56.94	70.315	1003.0	0.933	3.15	3.62
47.3	1220.469	390.75	265.75	125.00	1.609	1.219	1.244	1.525	12.38	117.57	16.49	56.91	70.507	1002.6	0.934	3.15	3.61
47.4	1223.430	390.80	265.90	124.90	1.609	1.219	1.245	1.526	12.39	117.42	16.50	56.88	70.699	1002.1	0.934	3.15	3.60
47.5	1226.396	390.85	266.05	124.79	1.609	1.220	1.246	1.527	12.39	117.27	16.52	56.85	70.892	1001.7	0.935	3.15	3.58
47.6	1229.368	390.89	266.21	124.69	1.609	1.220	1.247	1.527	12.40	117.12	16.53	56.82	71.085	1001.2	0.936	3.15	3.57
47.7	1232.346	390.94	266.36	124.58	1.609	1.221	1.249	1.528	12.41	116.97	16.55	56.79	71.279	1000.8	0.936	3.15	3.56
47.8	1235.328	390.98	266.51	124.48	1.609	1.221	1.250	1.529	12.42	116.83	16.56	56.77	71.473	1000.3	0.937	3.15	3.55
47.9	1238.316	391.03	266.66	124.37	1.609	1.222	1.251	1.530	12.42	116.68	16.58	56.74	71.668	999.9	0.938	3.15	3.54
48	1241.310	391.08	266.81	124.27	1.609	1.222	1.252	1.531	12.43	116.53	16.59	56.71	71.863	999.4	0.938	3.15	3.53
48.1	1244.308	391.12	266.96	124.16	1.609	1.222	1.253	1.531	12.44	116.38	16.61	56.68	72.059	999.0	0.939	3.14	3.52
48.2	1247.313	391.17	267.11	124.06	1.609	1.223	1.255	1.532	12.45	116.23	16.62	56.65	72.256	998.5	0.939	3.14	3.51
48.3	1250.322	391.21	267.26	123.95	1.609	1.223	1.256	1.533	12.45	116.09	16.64	56.62	72.453	998.1	0.940	3.14	3.50
48.4	1253.338	391.26	267.42	123.84	1.609	1.224	1.257	1.534	12.46	115.94	16.65	56.59	72.650	997.6	0.941	3.14	3.49
48.5	1256.358	391.31	267.57	123.74	1.609	1.224	1.258	1.535	12.47	115.79	16.66	56.56	72.848	997.2	0.941	3.14	3.48
48.6	1259.384	391.35	267.72	123.63	1.609	1.225	1.260	1.536	12.47	115.64	16.68	56.53	73.047	996.7	0.942	3.14	3.47
48.7	1262.416	391.40	267.87	123.53	1.609	1.225	1.261	1.536	12.48	115.50	16.69	56.51	73.246	996.3	0.943	3.14	3.46
48.8	1265.453	391.44	268.02	123.42	1.609	1.226	1.262	1.537	12.49	115.35	16.71	56.48	73.445	995.8	0.943	3.14	3.45
48.9	1268.495	391.49	268.18	123.31	1.609	1.226	1.263	1.538	12.50	115.20	16.72	56.45	73.646	995.4	0.944	3.14	3.44
49	1271.543	391.53	268.33	123.21	1.609	1.227	1.265	1.539	12.50	115.06	16.74	56.42	73.846	994.9	0.945	3.14	3.43
49.1	1274.596	391.58	268.48	123.10	1.609	1.227	1.266	1.540	12.51	114.91	16.75	56.39	74.048	994.5	0.945	3.14	3.42
49.2	1277.655	391.62	268.63	122.99	1.609	1.228	1.267	1.541	12.52	114.76	16.77	56.36	74.249	994.0	0.946	3.14	3.41
49.3	1280.720	391.67	268.78	122.88	1.609	1.228	1.268	1.542	12.53	114.62	16.78	56.33	74.452	993.6	0.947	3.14	3.40
49.4	1283.790	391.71	268.94	122.78	1.609	1.228	1.270	1.542	12.54	114.47	16.80	56.30	74.655	993.1	0.947	3.14	3.39
49.5	1286.865	391.76	269.09	122.67	1.609	1.229	1.271	1.543	12.54	114.32	16.81	56.27	74.858	992.7	0.948	3.14	3.37

49.6	1289.946	391.80	269.24	122.56	1.609	1.229	1.272	1.544	12.55	114.18	16.83	56.25	75.062	992.2	0.949	3.13	3.36
49.7	1293.032	391.85	269.39	122.45	1.609	1.230	1.274	1.545	12.56	114.03	16.85	56.22	75.267	991.8	0.949	3.13	3.35
49.8	1296.124	391.89	269.55	122.35	1.609	1.230	1.275	1.546	12.57	113.88	16.86	56.19	75.472	991.3	0.950	3.13	3.34
49.9	1299.222	391.94	269.70	122.24	1.609	1.231	1.276	1.547	12.57	113.74	16.88	56.16	75.678	990.8	0.951	3.13	3.33
50	1302.325	391.98	269.85	122.13	1.609	1.231	1.277	1.548	12.58	113.59	16.89	56.13	75.884	990.4	0.951	3.13	3.32
50.1	1305.434	392.02	270.00	122.02	1.609	1.232	1.279	1.548	12.59	113.45	16.91	56.10	76.091	989.9	0.952	3.13	3.31
50.2	1308.548	392.07	270.16	121.91	1.609	1.232	1.280	1.549	12.60	113.30	16.92	56.07	76.298	989.5	0.953	3.13	3.30
50.3	1311.668	392.11	270.31	121.80	1.609	1.233	1.281	1.550	12.60	113.15	16.94	56.04	76.506	989.0	0.954	3.13	3.29
50.4	1314.793	392.16	270.46	121.69	1.609	1.233	1.283	1.551	12.61	113.01	16.95	56.01	76.714	988.5	0.954	3.13	3.28
50.5	1317.924	392.20	270.62	121.58	1.609	1.234	1.284	1.552	12.62	112.86	16.97	55.99	76.924	988.1	0.955	3.13	3.27
50.6	1321.060	392.24	270.77	121.48	1.609	1.234	1.285	1.553	12.63	112.72	16.98	55.96	77.133	987.6	0.956	3.13	3.26
50.7	1324.203	392.29	270.92	121.37	1.609	1.234	1.287	1.554	12.64	112.57	17.00	55.93	77.343	987.2	0.956	3.13	3.25
50.8	1327.350	392.33	271.08	121.26	1.609	1.235	1.288	1.555	12.64	112.43	17.02	55.90	77.554	986.7	0.957	3.13	3.24
50.9	1330.504	392.38	271.23	121.15	1.609	1.235	1.290	1.556	12.65	112.28	17.03	55.87	77.766	986.2	0.958	3.13	3.23
51	1333.663	392.42	271.38	121.04	1.609	1.236	1.291	1.557	12.66	112.14	17.05	55.84	77.978	985.8	0.959	3.13	3.22
51.1	1336.827	392.46	271.54	120.93	1.609	1.236	1.292	1.557	12.67	111.99	17.06	55.81	78.190	985.3	0.959	3.13	3.21
51.2	1339.997	392.51	271.69	120.82	1.609	1.237	1.294	1.558	12.68	111.85	17.08	55.78	78.403	984.8	0.960	3.12	3.20
51.3	1343.173	392.55	271.84	120.71	1.609	1.237	1.295	1.559	12.68	111.70	17.09	55.76	78.617	984.4	0.961	3.12	3.19
51.4	1346.355	392.59	272.00	120.60	1.609	1.238	1.296	1.560	12.69	111.56	17.11	55.73	78.831	983.9	0.962	3.12	3.18
51.5	1349.542	392.64	272.15	120.48	1.609	1.238	1.298	1.561	12.70	111.41	17.13	55.70	79.046	983.4	0.962	3.12	3.17
51.6	1352.735	392.68	272.30	120.37	1.609	1.239	1.299	1.562	12.71	111.27	17.14	55.67	79.262	983.0	0.963	3.12	3.16
51.7	1355.933	392.72	272.46	120.26	1.609	1.239	1.301	1.563	12.72	111.12	17.16	55.64	79.478	982.5	0.964	3.12	3.15
51.8	1359.137	392.76	272.61	120.15	1.609	1.240	1.302	1.564	12.72	110.98	17.17	55.61	79.695	982.0	0.965	3.12	3.14
51.9	1362.347	392.81	272.77	120.04	1.609	1.240	1.303	1.565	12.73	110.84	17.19	55.58	79.912	981.6	0.965	3.12	3.13
52	1365.563	392.85	272.92	119.93	1.609	1.241	1.305	1.566	12.74	110.69	17.21	55.55	80.130	981.1	0.966	3.12	3.12
52.1	1368.784	392.89	273.08	119.82	1.609	1.241	1.306	1.567	12.75	110.55	17.22	55.52	80.349	980.6	0.967	3.12	3.11
52.2	1372.011	392.93	273.23	119.70	1.609	1.241	1.308	1.568	12.76	110.40	17.24	55.50	80.568	980.2	0.968	3.12	3.10
52.3	1375.244	392.98	273.38	119.59	1.609	1.242	1.309	1.569	12.76	110.26	17.26	55.47	80.787	979.7	0.968	3.12	3.09
52.4	1378.482	393.02	273.54	119.48	1.609	1.242	1.311	1.570	12.77	110.12	17.27	55.44	81.008	979.2	0.969	3.12	3.08
52.5	1381.726	393.06	273.69	119.37	1.609	1.243	1.312	1.571	12.78	109.97	17.29	55.41	81.229	978.7	0.970	3.12	3.07
52.6	1384.976	393.10	273.85	119.26	1.609	1.243	1.314	1.572	12.79	109.83	17.31	55.38	81.450	978.3	0.971	3.12	3.06
52.7	1388.231	393.15	274.00	119.14	1.609	1.244	1.315	1.573	12.80	109.68	17.32	55.35	81.673	977.8	0.972	3.12	3.05
52.8	1391.493	393.19	274.16	119.03	1.609	1.244	1.316	1.574	12.81	109.54	17.34	55.32	81.896	977.3	0.972	3.12	3.04
52.9	1394.760	393.23	274.31	118.92	1.609	1.245	1.318	1.575	12.81	109.40	17.35	55.29	82.119	976.9	0.973	3.12	3.03
53	1398.032	393.27	274.47	118.80	1.609	1.245	1.319	1.576	12.82	109.25	17.37	55.27	82.343	976.4	0.974	3.11	3.02
53.1	1401.311	393.31	274.62	118.69	1.609	1.246	1.321	1.577	12.83	109.11	17.39	55.24	82.568	975.9	0.975	3.11	3.01
53.2	1404.595	393.35	274.78	118.58	1.609	1.246	1.322	1.578	12.84	108.97	17.40	55.21	82.793	975.4	0.975	3.11	3.00
53.3	1407.885	393.40	274.93	118.46	1.609	1.247	1.324	1.579	12.85	108.83	17.42	55.18	83.019	974.9	0.976	3.11	2.99
53.4	1411.181	393.44	275.09	118.35	1.609	1.247	1.325	1.580	12.86	108.68	17.44	55.15	83.246	974.5	0.977	3.11	2.98
53.5	1414.483	393.48	275.24	118.23	1.609	1.247	1.327	1.581	12.86	108.54	17.46	55.12	83.473	974.0	0.978	3.11	2.97

53.6	1417.791	393.52	275.40	118.12	1.609	1.248	1.328	1.582	12.87	108.40	17.47	55.09	83.701	973.5	0.979	3.11	2.96
53.7	1421.104	393.56	275.55	118.01	1.609	1.248	1.330	1.583	12.88	108.25	17.49	55.06	83.930	973.0	0.980	3.11	2.95
53.8	1424.423	393.60	275.71	117.89	1.609	1.249	1.332	1.584	12.89	108.11	17.51	55.04	84.159	972.5	0.980	3.11	2.94
53.9	1427.748	393.64	275.87	117.78	1.609	1.249	1.333	1.585	12.90	107.97	17.52	55.01	84.389	972.1	0.981	3.11	2.93
54	1431.079	393.68	276.02	117.66	1.609	1.250	1.335	1.586	12.91	107.83	17.54	54.98	84.619	971.6	0.982	3.11	2.92
54.1	1434.416	393.72	276.18	117.55	1.609	1.250	1.336	1.587	12.92	107.68	17.56	54.95	84.850	971.1	0.983	3.11	2.91
54.2	1437.758	393.76	276.33	117.43	1.609	1.251	1.338	1.588	12.92	107.54	17.57	54.92	85.082	970.6	0.984	3.11	2.90
54.3	1441.106	393.80	276.49	117.31	1.609	1.251	1.339	1.589	12.93	107.40	17.59	54.89	85.315	970.1	0.985	3.11	2.89
54.4	1444.461	393.84	276.65	117.20	1.609	1.252	1.341	1.590	12.94	107.26	17.61	54.86	85.548	969.7	0.985	3.11	2.88
54.5	1447.821	393.88	276.80	117.08	1.609	1.252	1.342	1.591	12.95	107.12	17.63	54.83	85.782	969.2	0.986	3.11	2.87
54.6	1451.187	393.92	276.96	116.97	1.609	1.253	1.344	1.592	12.96	106.97	17.64	54.80	86.016	968.7	0.987	3.11	2.86
54.7	1454.558	393.96	277.11	116.85	1.609	1.253	1.346	1.593	12.97	106.83	17.66	54.78	86.252	968.2	0.988	3.11	2.85
54.8	1457.936	394.00	277.27	116.73	1.610	1.254	1.347	1.594	12.98	106.69	17.68	54.75	86.487	967.7	0.989	3.11	2.84
54.9	1461.320	394.04	277.43	116.62	1.610	1.254	1.349	1.595	12.99	106.55	17.70	54.72	86.724	967.2	0.990	3.11	2.83
55	1464.709	394.08	277.58	116.50	1.610	1.254	1.350	1.596	12.99	106.41	17.71	54.69	86.961	966.7	0.991	3.11	2.82
55.1	1468.105	394.12	277.74	116.38	1.610	1.255	1.352	1.597	13.00	106.26	17.73	54.66	87.199	966.2	0.992	3.11	2.81
55.2	1471.506	394.16	277.90	116.27	1.610	1.255	1.354	1.598	13.01	106.12	17.75	54.63	87.438	965.8	0.992	3.10	2.80
55.3	1474.913	394.20	278.05	116.15	1.610	1.256	1.355	1.599	13.02	105.98	17.77	54.60	87.677	965.3	0.993	3.10	2.79
55.4	1478.327	394.24	278.21	116.03	1.610	1.256	1.357	1.600	13.03	105.84	17.79	54.57	87.917	964.8	0.994	3.10	2.78
55.5	1481.746	394.28	278.37	115.91	1.610	1.257	1.359	1.602	13.04	105.70	17.80	54.55	88.157	964.3	0.995	3.10	2.77
55.6	1485.171	394.32	278.52	115.80	1.610	1.257	1.360	1.603	13.05	105.56	17.82	54.52	88.399	963.8	0.996	3.10	2.76
55.7	1488.602	394.36	278.68	115.68	1.610	1.258	1.362	1.604	13.06	105.42	17.84	54.49	88.641	963.3	0.997	3.10	2.75
55.8	1492.039	394.40	278.84	115.56	1.610	1.258	1.364	1.605	13.07	105.28	17.86	54.46	88.883	962.8	0.998	3.10	2.74
55.9	1495.482	394.44	279.00	115.44	1.610	1.259	1.365	1.606	13.08	105.13	17.87	54.43	89.127	962.3	0.999	3.10	2.73
56	1498.931	394.48	279.15	115.32	1.610	1.259	1.367	1.607	13.09	104.99	17.89	54.40	89.371	961.8	1.000	3.10	2.72
56.1	1502.386	394.51	279.31	115.20	1.610	1.260	1.369	1.608	13.09	104.85	17.91	54.37	89.616	961.3	1.001	3.10	2.71
56.2	1505.847	394.55	279.47	115.08	1.610	1.260	1.370	1.609	13.10	104.71	17.93	54.34	89.862	960.8	1.002	3.10	2.70
56.3	1509.314	394.59	279.63	114.96	1.610	1.261	1.372	1.611	13.11	104.57	17.95	54.32	90.108	960.3	1.002	3.10	2.69
56.4	1512.787	394.63	279.78	114.84	1.610	1.261	1.374	1.612	13.12	104.43	17.97	54.29	90.355	959.8	1.003	3.10	2.68
56.5	1516.266	394.67	279.94	114.72	1.610	1.261	1.376	1.613	13.13	104.29	17.98	54.26	90.603	959.3	1.004	3.10	2.67
56.6	1519.751	394.71	280.10	114.61	1.610	1.262	1.377	1.614	13.14	104.15	18.00	54.23	90.851	958.8	1.005	3.10	2.66
56.7	1523.242	394.74	280.26	114.48	1.610	1.262	1.379	1.615	13.15	104.01	18.02	54.20	91.100	958.3	1.006	3.10	2.65
56.8	1526.739	394.78	280.42	114.36	1.610	1.263	1.381	1.616	13.16	103.87	18.04	54.17	91.350	957.8	1.007	3.10	2.64
56.9	1530.242	394.82	280.57	114.24	1.610	1.263	1.383	1.617	13.17	103.73	18.06	54.14	91.601	957.3	1.008	3.10	2.63
57	1533.751	394.86	280.73	114.12	1.610	1.264	1.384	1.619	13.18	103.59	18.08	54.11	91.852	956.8	1.009	3.10	2.62
57.1	1537.267	394.89	280.89	114.00	1.610	1.264	1.386	1.620	13.19	103.45	18.10	54.08	92.104	956.3	1.010	3.10	2.61
57.2	1540.788	394.93	281.05	113.88	1.610	1.265	1.388	1.621	13.20	103.31	18.12	54.06	92.357	955.8	1.011	3.10	2.60
57.3	1544.315	394.97	281.21	113.76	1.609	1.265	1.390	1.622	13.21	103.17	18.13	54.03	92.611	955.3	1.012	3.10	2.59
57.4	1547.849	395.01	281.37	113.64	1.609	1.266	1.392	1.623	13.22	103.03	18.15	54.00	92.865	954.8	1.013	3.10	2.58
57.5	1551.389	395.04	281.53	113.52	1.609	1.266	1.393	1.625	13.23	102.89	18.17	53.97	93.120	954.3	1.014	3.10	2.57

57.6	1554.934	395.08	281.69	113.39	1.609	1.267	1.395	1.626	13.24	102.75	18.19	53.94	93.376	953.8	1.015	3.10	2.56
57.7	1558.486	395.12	281.84	113.27	1.609	1.267	1.397	1.627	13.25	102.61	18.21	53.91	93.633	953.3	1.016	3.10	2.55
57.8	1562.044	395.15	282.00	113.15	1.609	1.268	1.399	1.628	13.26	102.47	18.23	53.88	93.890	952.8	1.017	3.10	2.54
57.9	1565.608	395.19	282.16	113.03	1.609	1.268	1.401	1.629	13.26	102.33	18.25	53.85	94.148	952.2	1.018	3.10	2.53
58	1569.178	395.23	282.32	112.90	1.609	1.269	1.403	1.631	13.27	102.19	18.27	53.83	94.407	951.7	1.019	3.10	2.52
58.1	1572.755	395.26	282.48	112.78	1.609	1.269	1.404	1.632	13.28	102.05	18.29	53.80	94.667	951.2	1.020	3.10	2.51
58.2	1576.337	395.30	282.64	112.66	1.609	1.269	1.406	1.633	13.29	101.91	18.31	53.77	94.928	950.7	1.021	3.10	2.51
58.3	1579.926	395.33	282.80	112.54	1.609	1.270	1.408	1.634	13.30	101.77	18.33	53.74	95.189	950.2	1.022	3.10	2.50
58.4	1583.520	395.37	282.96	112.41	1.609	1.270	1.410	1.636	13.31	101.63	18.35	53.71	95.451	949.7	1.023	3.09	2.49
58.5	1587.121	395.41	283.12	112.29	1.609	1.271	1.412	1.637	13.32	101.49	18.37	53.68	95.714	949.2	1.024	3.09	2.48
58.6	1590.729	395.44	283.28	112.16	1.609	1.271	1.414	1.638	13.33	101.35	18.39	53.65	95.978	948.7	1.025	3.09	2.47
58.7	1594.342	395.48	283.44	112.04	1.609	1.272	1.416	1.639	13.34	101.21	18.40	53.62	96.242	948.1	1.026	3.09	2.46
58.8	1597.961	395.51	283.60	111.91	1.609	1.272	1.418	1.641	13.35	101.07	18.42	53.59	96.507	947.6	1.028	3.09	2.45
58.9	1601.587	395.55	283.76	111.79	1.609	1.273	1.420	1.642	13.36	100.93	18.44	53.57	96.773	947.1	1.029	3.09	2.44
59	1605.219	395.58	283.92	111.67	1.609	1.273	1.422	1.643	13.37	100.80	18.46	53.54	97.040	946.6	1.030	3.09	2.43
59.1	1608.857	395.62	284.08	111.54	1.609	1.274	1.424	1.645	13.38	100.66	18.48	53.51	97.308	946.1	1.031	3.09	2.42
59.2	1612.502	395.65	284.24	111.41	1.609	1.274	1.426	1.646	13.39	100.52	18.50	53.48	97.576	945.5	1.032	3.09	2.41
59.3	1616.152	395.69	284.40	111.29	1.609	1.275	1.428	1.647	13.40	100.38	18.52	53.45	97.845	945.0	1.033	3.09	2.40
59.4	1619.809	395.72	284.56	111.16	1.609	1.275	1.430	1.648	13.41	100.24	18.54	53.42	98.116	944.5	1.034	3.09	2.39
59.5	1623.472	395.76	284.72	111.04	1.609	1.276	1.432	1.650	13.42	100.10	18.57	53.39	98.386	944.0	1.035	3.09	2.38
59.6	1627.141	395.79	284.88	110.91	1.609	1.276	1.434	1.651	13.44	99.96	18.59	53.36	98.658	943.4	1.036	3.09	2.37
59.7	1630.817	395.83	285.04	110.78	1.609	1.277	1.436	1.652	13.45	99.82	18.61	53.34	98.931	942.9	1.037	3.09	2.36
59.8	1634.499	395.86	285.20	110.66	1.609	1.277	1.438	1.654	13.46	99.68	18.63	53.31	99.204	942.4	1.039	3.09	2.35
59.9	1638.187	395.90	285.37	110.53	1.609	1.277	1.440	1.655	13.47	99.55	18.65	53.28	99.478	941.9	1.040	3.09	2.34
60	1641.882	395.93	285.53	110.40	1.609	1.278	1.442	1.656	13.48	99.41	18.67	53.25	99.754	941.3	1.041	3.09	2.33
60.1	1645.582	395.96	285.69	110.28	1.609	1.278	1.444	1.658	13.49	99.27	18.69	53.22	100.029	940.8	1.042	3.09	2.33
60.2	1649.289	396.00	285.85	110.15	1.609	1.279	1.446	1.659	13.50	99.13	18.71	53.19	100.306	940.3	1.043	3.09	2.32
60.3	1653.003	396.03	286.01	110.02	1.609	1.279	1.448	1.661	13.51	98.99	18.73	53.16	100.584	939.8	1.044	3.09	2.31
60.4	1656.722	396.07	286.17	109.89	1.609	1.280	1.450	1.662	13.52	98.85	18.75	53.13	100.862	939.2	1.045	3.09	2.30
60.5	1660.449	396.10	286.33	109.76	1.609	1.280	1.452	1.663	13.53	98.72	18.77	53.10	101.142	938.7	1.047	3.09	2.29
60.6	1664.181	396.13	286.50	109.64	1.609	1.281	1.454	1.665	13.54	98.58	18.79	53.08	101.422	938.2	1.048	3.09	2.28
60.7	1667.920	396.16	286.66	109.51	1.609	1.281	1.456	1.666	13.55	98.44	18.81	53.05	101.703	937.6	1.049	3.09	2.27
60.8	1671.665	396.20	286.82	109.38	1.609	1.282	1.459	1.667	13.56	98.30	18.84	53.02	101.985	937.1	1.050	3.09	2.26
60.9	1675.416	396.23	286.98	109.25	1.609	1.282	1.461	1.669	13.57	98.16	18.86	52.99	102.268	936.6	1.051	3.09	2.25
61	1679.174	396.26	287.14	109.12	1.609	1.283	1.463	1.670	13.58	98.02	18.88	52.96	102.552	936.0	1.053	3.09	2.24
61.1	1682.938	396.30	287.31	108.99	1.609	1.283	1.465	1.672	13.59	97.89	18.90	52.93	102.836	935.5	1.054	3.09	2.23
61.2	1686.709	396.33	287.47	108.86	1.609	1.284	1.467	1.673	13.60	97.75	18.92	52.90	103.122	934.9	1.055	3.09	2.22
61.3	1690.486	396.36	287.63	108.73	1.609	1.284	1.469	1.675	13.62	97.61	18.94	52.87	103.408	934.4	1.056	3.09	2.21
61.4	1694.269	396.39	287.79	108.60	1.609	1.285	1.472	1.676	13.63	97.47	18.96	52.84	103.695	933.9	1.057	3.09	2.20
61.5	1698.059	396.42	287.96	108.47	1.609	1.285	1.474	1.678	13.64	97.33	18.99	52.82	103.984	933.3	1.059	3.09	2.20

61.6	1701.855	396.46	288.12	108.34	1.609	1.286	1.476	1.679	13.65	97.20	19.01	52.79	104.273	932.8	1.060	3.09	2.19
61.7	1705.658	396.49	288.28	108.21	1.609	1.286	1.478	1.680	13.66	97.06	19.03	52.76	104.563	932.2	1.061	3.09	2.18
61.8	1709.467	396.52	288.44	108.08	1.609	1.286	1.481	1.682	13.67	96.92	19.05	52.73	104.854	931.7	1.062	3.09	2.17
61.9	1713.282	396.55	288.61	107.94	1.609	1.287	1.483	1.683	13.68	96.78	19.07	52.70	105.146	931.1	1.064	3.09	2.16
62	1717.104	396.58	288.77	107.81	1.609	1.287	1.485	1.685	13.69	96.64	19.10	52.67	105.438	930.6	1.065	3.09	2.15
62.1	1720.932	396.61	288.93	107.68	1.609	1.288	1.488	1.686	13.70	96.51	19.12	52.64	105.732	930.1	1.066	3.09	2.14
62.2	1724.767	396.65	289.10	107.55	1.609	1.288	1.490	1.688	13.72	96.37	19.14	52.61	106.027	929.5	1.068	3.09	2.13
62.3	1728.609	396.68	289.26	107.42	1.609	1.289	1.492	1.689	13.73	96.23	19.16	52.58	106.322	929.0	1.069	3.09	2.12
62.4	1732.457	396.71	289.42	107.28	1.609	1.289	1.495	1.691	13.74	96.09	19.19	52.55	106.619	928.4	1.070	3.09	2.11
62.5	1736.311	396.74	289.59	107.15	1.609	1.290	1.497	1.692	13.75	95.96	19.21	52.53	106.916	927.9	1.072	3.09	2.10
62.6	1740.172	396.77	289.75	107.02	1.609	1.290	1.499	1.694	13.76	95.82	19.23	52.50	107.215	927.3	1.073	3.09	2.09
62.7	1744.039	396.80	289.92	106.88	1.609	1.291	1.502	1.696	13.77	95.68	19.25	52.47	107.514	926.7	1.074	3.09	2.09
62.8	1747.913	396.83	290.08	106.75	1.609	1.291	1.504	1.697	13.78	95.54	19.28	52.44	107.814	926.2	1.076	3.09	2.08
62.9	1751.793	396.86	290.24	106.61	1.609	1.292	1.506	1.699	13.80	95.41	19.30	52.41	108.116	925.6	1.077	3.09	2.07
63	1755.680	396.89	290.41	106.48	1.609	1.292	1.509	1.700	13.81	95.27	19.32	52.38	108.418	925.1	1.078	3.09	2.06
63.1	1759.574	396.92	290.57	106.34	1.609	1.293	1.511	1.702	13.82	95.13	19.34	52.35	108.721	924.5	1.080	3.09	2.05
63.2	1763.474	396.95	290.74	106.21	1.609	1.293	1.514	1.703	13.83	94.99	19.37	52.32	109.026	924.0	1.081	3.09	2.04
63.3	1767.380	396.98	290.90	106.07	1.609	1.294	1.516	1.705	13.84	94.86	19.39	52.29	109.331	923.4	1.082	3.09	2.03
63.4	1771.293	397.01	291.07	105.94	1.609	1.294	1.519	1.707	13.85	94.72	19.41	52.26	109.637	922.8	1.084	3.09	2.02
63.5	1775.213	397.04	291.23	105.80	1.609	1.295	1.521	1.708	13.87	94.58	19.44	52.24	109.944	922.3	1.085	3.09	2.01
63.6	1779.140	397.07	291.40	105.67	1.609	1.295	1.524	1.710	13.88	94.44	19.46	52.21	110.253	921.7	1.087	3.09	2.00
63.7	1783.072	397.09	291.56	105.53	1.609	1.296	1.526	1.712	13.89	94.31	19.48	52.18	110.562	921.2	1.088	3.09	2.00
63.8	1787.012	397.12	291.73	105.39	1.609	1.296	1.529	1.713	13.90	94.17	19.51	52.15	110.872	920.6	1.089	3.09	1.99
63.9	1790.958	397.15	291.89	105.26	1.609	1.296	1.531	1.715	13.91	94.03	19.53	52.12	111.183	920.0	1.091	3.09	1.98
64	1794.911	397.18	292.06	105.12	1.609	1.297	1.534	1.717	13.93	93.90	19.56	52.09	111.496	919.5	1.092	3.09	1.97
64.1	1798.870	397.21	292.22	104.98	1.609	1.297	1.537	1.718	13.94	93.76	19.58	52.06	111.809	918.9	1.094	3.09	1.96
64.2	1802.836	397.24	292.39	104.85	1.609	1.298	1.539	1.720	13.95	93.62	19.60	52.03	112.123	918.3	1.095	3.09	1.95
64.3	1806.809	397.26	292.56	104.71	1.609	1.298	1.542	1.722	13.96	93.48	19.63	52.00	112.439	917.8	1.097	3.09	1.94
64.4	1810.788	397.29	292.72	104.57	1.609	1.299	1.544	1.723	13.97	93.35	19.65	51.97	112.755	917.2	1.098	3.10	1.93
64.5	1814.774	397.32	292.89	104.43	1.609	1.299	1.547	1.725	13.99	93.21	19.68	51.94	113.072	916.6	1.100	3.10	1.92
64.6	1818.767	397.35	293.05	104.29	1.609	1.300	1.550	1.727	14.00	93.07	19.70	51.92	113.391	916.0	1.101	3.10	1.91
64.7	1822.766	397.37	293.22	104.15	1.609	1.300	1.552	1.728	14.01	92.94	19.73	51.89	113.711	915.5	1.103	3.10	1.91
64.8	1826.772	397.40	293.39	104.01	1.609	1.301	1.555	1.730	14.02	92.80	19.75	51.86	114.031	914.9	1.104	3.10	1.90
64.9	1830.785	397.43	293.55	103.88	1.609	1.301	1.558	1.732	14.04	92.66	19.78	51.83	114.353	914.3	1.106	3.10	1.89
65	1834.805	397.46	293.72	103.74	1.609	1.302	1.561	1.734	14.05	92.53	19.80	51.80	114.676	913.7	1.107	3.10	1.88
65.1	1838.831	397.48	293.89	103.60	1.608	1.302	1.563	1.735	14.06	92.39	19.82	51.77	115.000	913.2	1.109	3.10	1.87
65.2	1842.864	397.51	294.05	103.45	1.608	1.303	1.566	1.737	14.07	92.25	19.85	51.74	115.325	912.6	1.110	3.10	1.86
65.3	1846.903	397.53	294.22	103.31	1.608	1.303	1.569	1.739	14.09	92.11	19.88	51.71	115.651	912.0	1.112	3.10	1.85
65.4	1850.950	397.56	294.39	103.17	1.608	1.304	1.572	1.741	14.10	91.98	19.90	51.68	115.978	911.4	1.113	3.10	1.84
65.5	1855.003	397.59	294.56	103.03	1.608	1.304	1.574	1.743	14.11	91.84	19.93	51.65	116.306	910.8	1.115	3.10	1.84

65.6	1859.063	397.61	294.72	102.89	1.608	1.305	1.577	1.744	14.12	91.70	19.95	51.62	116.635	910.2	1.117	3.10	1.83
65.7	1863.129	397.64	294.89	102.75	1.608	1.305	1.580	1.746	14.14	91.57	19.98	51.60	116.966	909.7	1.118	3.10	1.82
65.8	1867.203	397.66	295.06	102.61	1.608	1.306	1.583	1.748	14.15	91.43	20.00	51.57	117.298	909.1	1.120	3.10	1.81
65.9	1871.283	397.69	295.23	102.46	1.608	1.306	1.586	1.750	14.16	91.29	20.03	51.54	117.630	908.5	1.122	3.10	1.80
66	1875.370	397.71	295.39	102.32	1.608	1.307	1.589	1.752	14.18	91.16	20.05	51.51	117.964	907.9	1.123	3.10	1.79
66.1	1879.464	397.74	295.56	102.18	1.608	1.307	1.592	1.754	14.19	91.02	20.08	51.48	118.299	907.3	1.125	3.10	1.78
66.2	1883.565	397.76	295.73	102.03	1.608	1.308	1.595	1.756	14.20	90.88	20.11	51.45	118.636	906.7	1.127	3.10	1.77
66.3	1887.672	397.79	295.90	101.89	1.608	1.308	1.598	1.758	14.22	90.75	20.13	51.42	118.973	906.1	1.128	3.10	1.77
66.4	1891.787	397.81	296.07	101.75	1.608	1.308	1.601	1.759	14.23	90.61	20.16	51.39	119.311	905.5	1.130	3.10	1.76
66.5	1895.908	397.84	296.23	101.60	1.608	1.309	1.604	1.761	14.24	90.47	20.18	51.36	119.651	904.9	1.132	3.10	1.75
66.6	1900.036	397.86	296.40	101.46	1.608	1.309	1.607	1.763	14.26	90.33	20.21	51.33	119.992	904.3	1.133	3.10	1.74
66.7	1904.171	397.89	296.57	101.31	1.608	1.310	1.610	1.765	14.27	90.20	20.24	51.30	120.334	903.7	1.135	3.10	1.73
66.8	1908.313	397.91	296.74	101.17	1.608	1.310	1.613	1.767	14.28	90.06	20.26	51.27	120.677	903.1	1.137	3.10	1.72
66.9	1912.461	397.93	296.91	101.02	1.608	1.311	1.616	1.769	14.30	89.92	20.29	51.24	121.022	902.5	1.138	3.10	1.71
67	1916.617	397.96	297.08	100.88	1.608	1.311	1.619	1.771	14.31	89.79	20.32	51.22	121.367	901.9	1.140	3.11	1.71
67.1	1920.779	397.98	297.25	100.73	1.608	1.312	1.622	1.773	14.32	89.65	20.35	51.19	121.714	901.3	1.142	3.11	1.70
67.2	1924.949	398.00	297.42	100.58	1.608	1.312	1.625	1.775	14.34	89.51	20.37	51.16	122.062	900.7	1.144	3.11	1.69
67.3	1929.125	398.03	297.59	100.44	1.608	1.313	1.629	1.777	14.35	89.38	20.40	51.13	122.411	900.1	1.146	3.11	1.68
67.4	1933.308	398.05	297.76	100.29	1.608	1.313	1.632	1.779	14.36	89.24	20.43	51.10	122.762	899.5	1.147	3.11	1.67
67.5	1937.498	398.07	297.93	100.14	1.608	1.314	1.635	1.781	14.38	89.10	20.46	51.07	123.114	898.9	1.149	3.11	1.66
67.6	1941.695	398.09	298.10	100.00	1.608	1.314	1.638	1.783	14.39	88.97	20.48	51.04	123.467	898.3	1.151	3.11	1.65
67.7	1945.899	398.12	298.27	99.85	1.608	1.315	1.641	1.786	14.41	88.83	20.51	51.01	123.821	897.7	1.153	3.11	1.65
67.8	1950.110	398.14	298.44	99.70	1.608	1.315	1.645	1.788	14.42	88.69	20.54	50.98	124.176	897.1	1.155	3.11	1.64
67.9	1954.328	398.16	298.61	99.55	1.608	1.316	1.648	1.790	14.43	88.56	20.57	50.95	124.533	896.4	1.157	3.11	1.63
68	1958.553	398.18	298.78	99.40	1.608	1.316	1.651	1.792	14.45	88.42	20.59	50.92	124.891	895.8	1.159	3.11	1.62
68.1	1962.785	398.20	298.95	99.25	1.608	1.317	1.655	1.794	14.46	88.28	20.62	50.89	125.251	895.2	1.160	3.11	1.61
68.2	1967.024	398.22	299.12	99.10	1.608	1.317	1.658	1.796	14.48	88.14	20.65	50.86	125.611	894.6	1.162	3.11	1.60
68.3	1971.270	398.24	299.29	98.95	1.607	1.318	1.662	1.798	14.49	88.01	20.68	50.84	125.973	894.0	1.164	3.11	1.59
68.4	1975.523	398.26	299.46	98.80	1.607	1.318	1.665	1.800	14.51	87.87	20.71	50.81	126.336	893.4	1.166	3.11	1.59
68.5	1979.783	398.28	299.63	98.65	1.607	1.319	1.668	1.803	14.52	87.73	20.74	50.78	126.701	892.7	1.168	3.11	1.58
68.6	1984.050	398.31	299.81	98.50	1.607	1.319	1.672	1.805	14.53	87.60	20.77	50.75	127.067	892.1	1.170	3.12	1.57
68.7	1988.325	398.33	299.98	98.35	1.607	1.320	1.675	1.807	14.55	87.46	20.80	50.72	127.434	891.5	1.172	3.12	1.56
68.8	1992.606	398.35	300.15	98.20	1.607	1.320	1.679	1.809	14.56	87.32	20.82	50.69	127.803	890.9	1.174	3.12	1.55
68.9	1996.894	398.37	300.32	98.04	1.607	1.321	1.683	1.812	14.58	87.19	20.85	50.66	128.172	890.2	1.176	3.12	1.54
69	2001.189	398.38	300.49	97.89	1.607	1.321	1.686	1.814	14.59	87.05	20.88	50.63	128.544	889.6	1.178	3.12	1.54
69.1	2005.492	398.40	300.66	97.74	1.607	1.322	1.690	1.816	14.61	86.91	20.91	50.60	128.916	889.0	1.180	3.12	1.53
69.2	2009.802	398.42	300.84	97.59	1.607	1.322	1.693	1.818	14.62	86.77	20.94	50.57	129.290	888.3	1.182	3.12	1.52
69.3	2014.118	398.44	301.01	97.43	1.607	1.323	1.697	1.821	14.64	86.64	20.97	50.54	129.666	887.7	1.184	3.12	1.51
69.4	2018.442	398.46	301.18	97.28	1.607	1.323	1.701	1.823	14.65	86.50	21.00	50.51	130.042	887.1	1.186	3.12	1.50
69.5	2022.773	398.48	301.35	97.12	1.607	1.324	1.704	1.825	14.67	86.36	21.03	50.48	130.420	886.4	1.189	3.12	1.49

69.6	2027.111	398.50	301.53	96.97	1.607	1.324	1.708	1.828	14.68	86.23	21.06	50.45	130.800	885.8	1.191	3.12	1.49
69.7	2031.456	398.52	301.70	96.82	1.607	1.325	1.712	1.830	14.70	86.09	21.09	50.42	131.181	885.2	1.193	3.12	1.48
69.8	2035.809	398.53	301.87	96.66	1.607	1.325	1.716	1.833	14.71	85.95	21.12	50.40	131.563	884.5	1.195	3.13	1.47
69.9	2040.168	398.55	302.05	96.50	1.607	1.326	1.720	1.835	14.73	85.81	21.16	50.37	131.947	883.9	1.197	3.13	1.46
70	2044.535	398.57	302.22	96.35	1.607	1.326	1.724	1.837	14.74	85.68	21.19	50.34	132.332	883.2	1.199	3.13	1.45
70.1	2048.909	398.59	302.39	96.19	1.607	1.326	1.727	1.840	14.76	85.54	21.22	50.31	132.719	882.6	1.202	3.13	1.45
70.2	2053.290	398.60	302.57	96.03	1.607	1.327	1.731	1.842	14.77	85.40	21.25	50.28	133.107	881.9	1.204	3.13	1.44
70.3	2057.679	398.62	302.74	95.88	1.607	1.327	1.735	1.845	14.79	85.27	21.28	50.25	133.497	881.3	1.206	3.13	1.43
70.4	2062.074	398.64	302.92	95.72	1.607	1.328	1.739	1.847	14.81	85.13	21.31	50.22	133.888	880.6	1.208	3.13	1.42
70.5	2066.477	398.65	303.09	95.56	1.607	1.328	1.743	1.850	14.82	84.99	21.34	50.19	134.281	880.0	1.211	3.13	1.41
70.6	2070.887	398.67	303.27	95.40	1.606	1.329	1.747	1.852	14.84	84.85	21.37	50.16	134.675	879.3	1.213	3.13	1.40
70.7	2075.304	398.68	303.44	95.24	1.606	1.329	1.751	1.855	14.85	84.72	21.41	50.13	135.070	878.7	1.215	3.13	1.40
70.8	2079.729	398.70	303.61	95.09	1.606	1.330	1.756	1.857	14.87	84.58	21.44	50.10	135.468	878.0	1.218	3.14	1.39
70.9	2084.161	398.72	303.79	94.93	1.606	1.330	1.760	1.860	14.89	84.44	21.47	50.07	135.866	877.4	1.220	3.14	1.38
71	2088.600	398.73	303.96	94.77	1.606	1.331	1.764	1.863	14.90	84.30	21.50	50.04	136.266	876.7	1.222	3.14	1.37
71.1	2093.047	398.75	304.14	94.61	1.606	1.331	1.768	1.865	14.92	84.17	21.54	50.01	136.668	876.0	1.225	3.14	1.36
71.2	2097.500	398.76	304.32	94.45	1.606	1.332	1.772	1.868	14.93	84.03	21.57	49.98	137.071	875.4	1.227	3.14	1.36
71.3	2101.962	398.78	304.49	94.28	1.606	1.332	1.777	1.871	14.95	83.89	21.60	49.95	137.476	874.7	1.230	3.14	1.35
71.4	2106.430	398.79	304.67	94.12	1.606	1.333	1.781	1.873	14.97	83.75	21.63	49.93	137.883	874.0	1.232	3.14	1.34
71.5	2110.906	398.80	304.84	93.96	1.606	1.333	1.785	1.876	14.98	83.61	21.67	49.90	138.291	873.4	1.235	3.14	1.33
71.6	2115.389	398.82	305.02	93.80	1.606	1.334	1.790	1.879	15.00	83.48	21.70	49.87	138.701	872.7	1.237	3.15	1.32
71.7	2119.879	398.83	305.19	93.64	1.606	1.334	1.794	1.881	15.02	83.34	21.74	49.84	139.112	872.0	1.240	3.15	1.32
71.8	2124.377	398.84	305.37	93.47	1.606	1.335	1.799	1.884	15.03	83.20	21.77	49.81	139.525	871.4	1.242	3.15	1.31
71.9	2128.883	398.86	305.55	93.31	1.606	1.335	1.803	1.887	15.05	83.06	21.80	49.78	139.939	870.7	1.245	3.15	1.30
72	2133.395	398.87	305.72	93.15	1.606	1.336	1.808	1.890	15.07	82.93	21.84	49.75	140.355	870.0	1.247	3.15	1.29
72.1	2137.915	398.88	305.90	92.98	1.606	1.336	1.812	1.893	15.08	82.79	21.87	49.72	140.773	869.3	1.250	3.15	1.28
72.2	2142.443	398.89	306.08	92.82	1.606	1.337	1.817	1.896	15.10	82.65	21.91	49.69	141.193	868.7	1.252	3.15	1.28
72.3	2146.978	398.91	306.26	92.65	1.606	1.337	1.822	1.898	15.12	82.51	21.94	49.66	141.614	868.0	1.255	3.15	1.27
72.4	2151.520	398.92	306.43	92.49	1.606	1.338	1.826	1.901	15.14	82.37	21.98	49.63	142.037	867.3	1.258	3.16	1.26
72.5	2156.070	398.93	306.61	92.32	1.605	1.338	1.831	1.904	15.15	82.23	22.01	49.60	142.462	866.6	1.261	3.16	1.25
72.6	2160.627	398.94	306.79	92.15	1.605	1.339	1.836	1.907	15.17	82.10	22.05	49.57	142.888	865.9	1.263	3.16	1.24
72.7	2165.192	398.95	306.97	91.99	1.605	1.339	1.841	1.910	15.19	81.96	22.08	49.54	143.316	865.2	1.266	3.16	1.24
72.8	2169.764	398.96	307.15	91.82	1.605	1.340	1.845	1.913	15.21	81.82	22.12	49.51	143.746	864.5	1.269	3.16	1.23
72.9	2174.344	398.97	307.32	91.65	1.605	1.340	1.850	1.916	15.22	81.68	22.15	49.48	144.177	863.8	1.272	3.16	1.22
73	2178.931	398.98	307.50	91.48	1.605	1.341	1.855	1.919	15.24	81.54	22.19	49.45	144.611	863.1	1.274	3.16	1.21
73.1	2183.526	398.99	307.68	91.31	1.605	1.341	1.860	1.922	15.26	81.40	22.22	49.43	145.046	862.5	1.277	3.17	1.21
73.2	2188.128	399.00	307.86	91.14	1.605	1.342	1.865	1.926	15.28	81.26	22.26	49.40	145.483	861.8	1.280	3.17	1.20
73.3	2192.738	399.01	308.04	90.97	1.605	1.342	1.870	1.929	15.29	81.13	22.30	49.37	145.921	861.1	1.283	3.17	1.19
73.4	2197.356	399.02	308.22	90.80	1.605	1.343	1.876	1.932	15.31	80.99	22.33	49.34	146.362	860.3	1.286	3.17	1.18
73.5	2201.981	399.03	308.40	90.63	1.605	1.343	1.881	1.935	15.33	80.85	22.37	49.31	146.804	859.6	1.289	3.17	1.17

73.6	2206.613	399.04	308.58	90.46	1.605	1.344	1.886	1.938	15.35	80.71	22.41	49.28	147.249	858.9	1.292	3.17	1.17
73.7	2211.253	399.05	308.76	90.29	1.605	1.344	1.891	1.942	15.37	80.57	22.45	49.25	147.695	858.2	1.295	3.18	1.16
73.8	2215.901	399.06	308.94	90.12	1.605	1.345	1.897	1.945	15.39	80.43	22.48	49.22	148.143	857.5	1.298	3.18	1.15
73.9	2220.556	399.06	309.12	89.95	1.605	1.345	1.902	1.948	15.40	80.29	22.52	49.19	148.593	856.8	1.301	3.18	1.14
74	2225.219	399.07	309.30	89.77	1.605	1.346	1.907	1.951	15.42	80.15	22.56	49.16	149.044	856.1	1.304	3.18	1.14
74.1	2229.890	399.08	309.48	89.60	1.604	1.346	1.913	1.955	15.44	80.01	22.60	49.13	149.498	855.4	1.307	3.18	1.13
74.2	2234.568	399.09	309.66	89.43	1.604	1.347	1.918	1.958	15.46	79.87	22.64	49.10	149.954	854.7	1.310	3.19	1.12
74.3	2239.254	399.09	309.84	89.25	1.604	1.347	1.924	1.962	15.48	79.73	22.67	49.07	150.411	853.9	1.313	3.19	1.11
74.4	2243.948	399.10	310.02	89.08	1.604	1.348	1.930	1.965	15.50	79.60	22.71	49.04	150.871	853.2	1.317	3.19	1.11
74.5	2248.649	399.11	310.20	88.90	1.604	1.348	1.935	1.969	15.52	79.46	22.75	49.01	151.333	852.5	1.320	3.19	1.10
74.6	2253.358	399.11	310.38	88.73	1.604	1.349	1.941	1.972	15.54	79.32	22.79	48.98	151.796	851.8	1.323	3.19	1.09
74.7	2258.075	399.12	310.57	88.55	1.604	1.349	1.947	1.976	15.56	79.18	22.83	48.96	152.262	851.0	1.326	3.20	1.08
74.8	2262.799	399.12	310.75	88.37	1.604	1.350	1.953	1.979	15.58	79.04	22.87	48.93	152.729	850.3	1.330	3.20	1.08
74.9	2267.532	399.13	310.93	88.20	1.604	1.350	1.959	1.983	15.60	78.90	22.91	48.90	153.199	849.6	1.333	3.20	1.07
75	2272.271	399.13	311.11	88.02	1.604	1.351	1.964	1.986	15.62	78.76	22.95	48.87	153.671	848.8	1.337	3.20	1.06
75.1	2277.019	399.14	311.30	87.84	1.604	1.351	1.971	1.990	15.64	78.62	22.99	48.84	154.144	848.1	1.340	3.20	1.05
75.2	2281.775	399.14	311.48	87.66	1.604	1.352	1.977	1.994	15.66	78.48	23.03	48.81	154.620	847.4	1.343	3.21	1.05
75.3	2286.538	399.14	311.66	87.48	1.604	1.352	1.983	1.998	15.68	78.34	23.07	48.78	155.098	846.6	1.347	3.21	1.04
75.4	2291.309	399.15	311.85	87.30	1.603	1.353	1.989	2.001	15.70	78.20	23.12	48.75	155.578	845.9	1.351	3.21	1.03
75.5	2296.088	399.15	312.03	87.12	1.603	1.354	1.995	2.005	15.72	78.05	23.16	48.72	156.061	845.1	1.354	3.21	1.02
75.6	2300.874	399.15	312.21	86.94	1.603	1.354	2.002	2.009	15.74	77.91	23.20	48.69	156.545	844.4	1.358	3.21	1.02
75.7	2305.669	399.15	312.40	86.76	1.603	1.355	2.008	2.013	15.76	77.77	23.24	48.66	157.032	843.6	1.361	3.22	1.01
75.8	2310.471	399.16	312.58	86.57	1.603	1.355	2.014	2.017	15.78	77.63	23.28	48.63	157.521	842.9	1.365	3.22	1.00
75.9	2315.282	399.16	312.77	86.39	1.603	1.356	2.021	2.021	15.80	77.49	23.33	48.60	158.012	842.1	1.369	3.22	0.99
76	2320.100	399.16	312.95	86.21	1.603	1.356	2.028	2.025	15.82	77.35	23.37	48.57	158.505	841.4	1.373	3.22	0.99
76.1	2324.926	399.16	313.14	86.02	1.603	1.357	2.034	2.029	15.84	77.21	23.41	48.55	159.001	840.6	1.376	3.23	0.98
76.2	2329.760	399.16	313.32	85.84	1.603	1.357	2.041	2.033	15.86	77.07	23.45	48.52	159.499	839.9	1.380	3.23	0.97
76.3	2334.602	399.16	313.51	85.66	1.603	1.358	2.048	2.037	15.88	76.93	23.50	48.49	159.999	839.1	1.384	3.23	0.96
76.4	2339.451	399.16	313.69	85.47	1.603	1.358	2.055	2.041	15.90	76.79	23.54	48.46	160.501	838.3	1.388	3.23	0.96
76.5	2344.309	399.16	313.88	85.28	1.603	1.359	2.062	2.046	15.92	76.64	23.59	48.43	161.006	837.6	1.392	3.24	0.95
76.6	2349.175	399.16	314.06	85.10	1.602	1.359	2.069	2.050	15.95	76.50	23.63	48.40	161.513	836.8	1.396	3.24	0.94
76.7	2354.048	399.16	314.25	84.91	1.602	1.360	2.076	2.054	15.97	76.36	23.67	48.37	162.023	836.0	1.400	3.24	0.94
76.8	2358.930	399.16	314.44	84.72	1.602	1.360	2.083	2.058	15.99	76.22	23.72	48.34	162.535	835.2	1.404	3.25	0.93
76.9	2363.820	399.16	314.62	84.53	1.602	1.361	2.090	2.063	16.01	76.08	23.76	48.31	163.049	834.5	1.408	3.25	0.92
77	2368.717	399.15	314.81	84.34	1.602	1.361	2.098	2.067	16.03	75.93	23.81	48.28	163.566	833.7	1.412	3.25	0.91
77.1	2373.623	399.15	315.00	84.15	1.602	1.362	2.105	2.072	16.06	75.79	23.86	48.26	164.085	832.9	1.417	3.25	0.91
77.2	2378.537	399.15	315.18	83.96	1.602	1.362	2.113	2.076	16.08	75.65	23.90	48.23	164.607	832.1	1.421	3.26	0.90
77.3	2383.458	399.14	315.37	83.77	1.602	1.363	2.120	2.081	16.10	75.51	23.95	48.20	165.132	831.3	1.425	3.26	0.89
77.4	2388.388	399.14	315.56	83.58	1.602	1.363	2.128	2.086	16.12	75.36	24.00	48.17	165.658	830.5	1.430	3.26	0.88
77.5	2393.326	399.14	315.75	83.39	1.602	1.364	2.136	2.090	16.14	75.22	24.04	48.14	166.188	829.7	1.434	3.27	0.88

77.6	2398.272	399.13	315.94	83.20	1.602	1.364	2.143	2.095	16.17	75.08	24.09	48.11	166.720	828.9	1.439	3.27	0.87
77.7	2403.226	399.13	316.13	83.00	1.601	1.365	2.151	2.100	16.19	74.94	24.14	48.08	167.254	828.1	1.443	3.27	0.86
77.8	2408.188	399.12	316.31	82.81	1.601	1.365	2.159	2.105	16.21	74.79	24.19	48.05	167.792	827.3	1.448	3.28	0.86
77.9	2413.159	399.12	316.50	82.61	1.601	1.366	2.168	2.110	16.24	74.65	24.23	48.02	168.332	826.5	1.452	3.28	0.85
78	2418.137	399.11	316.69	82.42	1.601	1.366	2.176	2.114	16.26	74.51	24.28	48.00	168.874	825.7	1.457	3.28	0.84
78.1	2423.124	399.10	316.88	82.22	1.601	1.367	2.184	2.119	16.28	74.36	24.33	47.97	169.420	824.9	1.462	3.29	0.84
78.2	2428.119	399.10	317.07	82.02	1.601	1.367	2.193	2.125	16.31	74.22	24.38	47.94	169.968	824.1	1.467	3.29	0.83
78.3	2433.122	399.09	317.26	81.83	1.601	1.368	2.201	2.130	16.33	74.07	24.43	47.91	170.518	823.3	1.471	3.29	0.82
78.4	2438.133	399.08	317.45	81.63	1.601	1.369	2.210	2.135	16.36	73.93	24.48	47.88	171.072	822.5	1.476	3.30	0.81
78.5	2443.153	399.08	317.65	81.43	1.601	1.369	2.219	2.140	16.38	73.79	24.53	47.85	171.628	821.7	1.481	3.30	0.81
78.6	2448.181	399.07	317.84	81.23	1.601	1.370	2.227	2.145	16.40	73.64	24.58	47.82	172.188	820.8	1.486	3.30	0.80
78.7	2453.217	399.06	318.03	81.03	1.600	1.370	2.236	2.151	16.43	73.50	24.63	47.80	172.750	820.0	1.491	3.31	0.79
78.8	2458.261	399.05	318.22	80.83	1.600	1.371	2.245	2.156	16.45	73.35	24.68	47.77	173.315	819.2	1.497	3.31	0.79
78.9	2463.314	399.04	318.41	80.63	1.600	1.371	2.255	2.162	16.48	73.21	24.74	47.74	173.883	818.3	1.502	3.31	0.78
79	2468.375	399.03	318.60	80.43	1.600	1.372	2.264	2.167	16.50	73.06	24.79	47.71	174.454	817.5	1.507	3.32	0.77
79.1	2473.444	399.02	318.80	80.22	1.600	1.372	2.273	2.173	16.53	72.92	24.84	47.68	175.028	816.7	1.512	3.32	0.77
79.2	2478.522	399.01	318.99	80.02	1.600	1.373	2.283	2.179	16.55	72.77	24.89	47.65	175.605	815.8	1.518	3.33	0.76
79.3	2483.608	399.00	319.18	79.81	1.600	1.373	2.292	2.184	16.58	72.63	24.95	47.63	176.185	815.0	1.523	3.33	0.75
79.4	2488.702	398.98	319.38	79.61	1.600	1.374	2.302	2.190	16.60	72.48	25.00	47.60	176.768	814.1	1.529	3.34	0.75
79.5	2493.805	398.97	319.57	79.40	1.599	1.374	2.312	2.196	16.63	72.33	25.06	47.57	177.354	813.3	1.534	3.34	0.74
79.6	2498.916	398.96	319.76	79.19	1.599	1.375	2.322	2.202	16.65	72.19	25.11	47.54	177.943	812.4	1.540	3.34	0.73
79.7	2504.035	398.95	319.96	78.99	1.599	1.375	2.332	2.208	16.68	72.04	25.17	47.51	178.536	811.6	1.546	3.35	0.73
79.8	2509.163	398.93	320.15	78.78	1.599	1.376	2.343	2.214	16.71	71.89	25.22	47.49	179.132	810.7	1.552	3.35	0.72
79.9	2514.300	398.92	320.35	78.57	1.599	1.376	2.353	2.221	16.73	71.75	25.28	47.46	179.731	809.9	1.558	3.36	0.71
80	2519.445	398.90	320.54	78.36	1.599	1.377	2.364	2.227	16.76	71.60	25.33	47.43	180.333	809.0	1.564	3.36	0.71
80.1	2524.598	398.89	320.74	78.15	1.599	1.378	2.374	2.233	16.79	71.45	25.39	47.40	180.939	808.1	1.570	3.37	0.70
80.2	2529.760	398.87	320.94	77.94	1.599	1.378	2.385	2.240	16.81	71.31	25.45	47.37	181.548	807.2	1.576	3.37	0.69
80.3	2534.930	398.86	321.13	77.72	1.599	1.379	2.396	2.246	16.84	71.16	25.50	47.35	182.160	806.4	1.582	3.38	0.69
80.4	2540.109	398.84	321.33	77.51	1.598	1.379	2.407	2.253	16.87	71.01	25.56	47.32	182.776	805.5	1.589	3.38	0.68
80.5	2545.297	398.82	321.53	77.30	1.598	1.380	2.419	2.260	16.90	70.86	25.62	47.29	183.395	804.6	1.595	3.39	0.67
80.6	2550.493	398.80	321.72	77.08	1.598	1.380	2.430	2.267	16.92	70.71	25.68	47.27	184.018	803.7	1.601	3.39	0.67
80.7	2555.698	398.79	321.92	76.86	1.598	1.381	2.442	2.273	16.95	70.57	25.74	47.24	184.645	802.8	1.608	3.40	0.66
80.8	2560.911	398.77	322.12	76.65	1.598	1.381	2.454	2.280	16.98	70.42	25.80	47.21	185.275	801.9	1.615	3.40	0.65
80.9	2566.133	398.75	322.32	76.43	1.598	1.382	2.466	2.288	17.01	70.27	25.86	47.18	185.908	801.0	1.622	3.41	0.65
81	2571.363	398.73	322.52	76.21	1.598	1.382	2.478	2.295	17.04	70.12	25.92	47.16	186.545	800.1	1.628	3.41	0.64
81.1	2576.603	398.71	322.71	75.99	1.597	1.383	2.490	2.302	17.06	69.97	25.98	47.13	187.186	799.2	1.635	3.42	0.63
81.2	2581.850	398.69	322.91	75.77	1.597	1.383	2.503	2.310	17.09	69.82	26.04	47.10	187.831	798.3	1.642	3.42	0.63
81.3	2587.107	398.66	323.11	75.55	1.597	1.384	2.515	2.317	17.12	69.67	26.11	47.08	188.480	797.4	1.650	3.43	0.62
81.4	2592.372	398.64	323.31	75.33	1.597	1.385	2.528	2.325	17.15	69.52	26.17	47.05	189.132	796.5	1.657	3.44	0.61
81.5	2597.646	398.62	323.51	75.10	1.597	1.385	2.541	2.332	17.18	69.37	26.23	47.02	189.789	795.6	1.664	3.44	0.61

81.6	2602.929	398.60	323.72	74.88	1.597	1.386	2.555	2.340	17.21	69.22	26.30	47.00	190.449	794.6	1.672	3.45	0.60
81.7	2608.221	398.57	323.92	74.66	1.597	1.386	2.568	2.348	17.24	69.07	26.36	46.97	191.113	793.7	1.679	3.45	0.59
81.8	2613.521	398.55	324.12	74.43	1.596	1.387	2.582	2.356	17.27	68.92	26.43	46.94	191.782	792.8	1.687	3.46	0.59
81.9	2618.830	398.52	324.32	74.20	1.596	1.387	2.596	2.365	17.30	68.77	26.49	46.92	192.454	791.8	1.695	3.47	0.58
82	2624.148	398.50	324.52	73.97	1.596	1.388	2.610	2.373	17.33	68.61	26.56	46.89	193.131	790.9	1.703	3.47	0.58
82.1	2629.475	398.47	324.73	73.74	1.596	1.388	2.624	2.381	17.36	68.46	26.63	46.87	193.812	790.0	1.711	3.48	0.57
82.2	2634.811	398.44	324.93	73.51	1.596	1.389	2.639	2.390	17.39	68.31	26.69	46.84	194.497	789.0	1.719	3.49	0.56
82.3	2640.155	398.42	325.13	73.28	1.596	1.390	2.653	2.399	17.42	68.16	26.76	46.81	195.187	788.0	1.728	3.49	0.56
82.4	2645.509	398.39	325.34	73.05	1.596	1.390	2.668	2.408	17.46	68.01	26.83	46.79	195.880	787.1	1.736	3.50	0.55
82.5	2650.871	398.36	325.54	72.82	1.595	1.391	2.684	2.417	17.49	67.85	26.90	46.76	196.579	786.1	1.745	3.51	0.54
82.6	2656.243	398.33	325.75	72.58	1.595	1.391	2.699	2.426	17.52	67.70	26.97	46.74	197.281	785.2	1.754	3.51	0.54
82.7	2661.623	398.30	325.95	72.35	1.595	1.392	2.715	2.435	17.55	67.55	27.04	46.71	197.989	784.2	1.762	3.52	0.53
82.8	2667.012	398.27	326.16	72.11	1.595	1.392	2.731	2.445	17.59	67.39	27.11	46.69	198.701	783.2	1.772	3.53	0.53
82.9	2672.411	398.24	326.37	71.87	1.595	1.393	2.747	2.454	17.62	67.24	27.18	46.66	199.417	782.2	1.781	3.54	0.52
83	2677.818	398.21	326.57	71.63	1.595	1.393	2.764	2.464	17.65	67.08	27.26	46.64	200.138	781.2	1.790	3.54	0.51
83.1	2683.235	398.17	326.78	71.39	1.594	1.394	2.781	2.474	17.68	66.93	27.33	46.61	200.865	780.3	1.800	3.55	0.51
83.2	2688.660	398.14	326.99	71.15	1.594	1.395	2.798	2.484	17.72	66.77	27.40	46.59	201.596	779.3	1.809	3.56	0.50
83.3	2694.095	398.11	327.20	70.91	1.594	1.395	2.816	2.495	17.75	66.62	27.48	46.57	202.332	778.3	1.819	3.57	0.49
83.4	2699.539	398.07	327.40	70.67	1.594	1.396	2.833	2.505	17.79	66.46	27.55	46.54	203.072	777.3	1.829	3.58	0.49
83.5	2704.992	398.04	327.61	70.42	1.594	1.396	2.852	2.516	17.82	66.30	27.63	46.52	203.819	776.2	1.839	3.59	0.48
83.6	2710.454	398.00	327.82	70.18	1.594	1.397	2.870	2.527	17.86	66.15	27.71	46.50	204.570	775.2	1.850	3.59	0.48
83.7	2715.925	397.96	328.03	69.93	1.593	1.397	2.889	2.538	17.89	65.99	27.78	46.47	205.326	774.2	1.860	3.60	0.47
83.8	2721.405	397.92	328.24	69.68	1.593	1.398	2.908	2.549	17.93	65.83	27.86	46.45	206.088	773.2	1.871	3.61	0.46
83.9	2726.895	397.89	328.45	69.43	1.593	1.399	2.927	2.560	17.96	65.67	27.94	46.43	206.855	772.2	1.882	3.62	0.46
84	2732.394	397.85	328.67	69.18	1.593	1.399	2.947	2.572	18.00	65.52	28.02	46.40	207.627	771.1	1.893	3.63	0.45
84.1	2737.902	397.81	328.88	68.93	1.593	1.400	2.967	2.584	18.03	65.36	28.10	46.38	208.406	770.1	1.904	3.64	0.45
84.2	2743.420	397.76	329.09	68.67	1.592	1.400	2.988	2.596	18.07	65.20	28.18	46.36	209.189	769.0	1.916	3.65	0.44
84.3	2748.946	397.72	329.30	68.42	1.592	1.401	3.009	2.608	18.11	65.04	28.27	46.34	209.979	768.0	1.927	3.66	0.44
84.4	2754.483	397.68	329.52	68.16	1.592	1.401	3.030	2.621	18.14	64.88	28.35	46.32	210.774	766.9	1.939	3.67	0.43
84.5	2760.028	397.64	329.73	67.90	1.592	1.402	3.052	2.634	18.18	64.72	28.44	46.29	211.575	765.9	1.952	3.68	0.42
84.6	2765.583	397.59	329.95	67.64	1.592	1.403	3.074	2.647	18.22	64.56	28.52	46.27	212.382	764.8	1.964	3.69	0.42
84.7	2771.148	397.55	330.16	67.38	1.591	1.403	3.097	2.660	18.26	64.40	28.61	46.25	213.196	763.7	1.977	3.70	0.41
84.8	2776.721	397.50	330.38	67.12	1.591	1.404	3.120	2.674	18.30	64.24	28.69	46.23	214.015	762.6	1.990	3.72	0.41
84.9	2782.305	397.45	330.60	66.86	1.591	1.404	3.144	2.688	18.34	64.07	28.78	46.21	214.841	761.5	2.003	3.73	0.40
85	2787.898	397.40	330.81	66.59	1.591	1.405	3.168	2.702	18.38	63.91	28.87	46.19	215.673	760.4	2.016	3.74	0.39
85.1	2793.500	397.36	331.03	66.32	1.591	1.406	3.192	2.716	18.42	63.75	28.96	46.17	216.512	759.3	2.030	3.75	0.39
85.2	2799.112	397.31	331.25	66.06	1.590	1.406	3.218	2.731	18.46	63.58	29.05	46.15	217.357	758.2	2.044	3.76	0.38
85.3	2804.733	397.26	331.47	65.79	1.590	1.407	3.243	2.746	18.50	63.42	29.15	46.14	218.209	757.1	2.058	3.77	0.38
85.4	2810.364	397.20	331.69	65.51	1.590	1.407	3.269	2.761	18.54	63.26	29.24	46.12	219.068	756.0	2.073	3.79	0.37
85.5	2816.005	397.15	331.91	65.24	1.590	1.408	3.296	2.777	18.58	63.09	29.34	46.10	219.934	754.9	2.088	3.80	0.37

85.6	2821.656	397.10	332.13	64.97	1.590	1.408	3.323	2.793	18.62	62.93	29.43	46.08	220.807	753.7	2.103	3.81	0.36
85.7	2827.316	397.04	332.35	64.69	1.589	1.409	3.351	2.810	18.66	62.76	29.53	46.06	221.687	752.6	2.118	3.83	0.36
85.8	2832.985	396.99	332.58	64.41	1.589	1.410	3.380	2.826	18.71	62.59	29.63	46.05	222.574	751.5	2.134	3.84	0.35
85.9	2838.665	396.93	332.80	64.13	1.589	1.410	3.409	2.844	18.75	62.43	29.73	46.03	223.469	750.3	2.150	3.86	0.34
86	2844.354	396.87	333.02	63.85	1.589	1.411	3.439	2.861	18.79	62.26	29.83	46.02	224.372	749.1	2.167	3.87	0.34
86.1	2850.053	396.81	333.25	63.56	1.588	1.411	3.470	2.879	18.84	62.09	29.93	46.00	225.282	748.0	2.184	3.89	0.33
86.2	2855.762	396.75	333.47	63.28	1.588	1.412	3.501	2.898	18.88	61.92	30.03	45.98	226.200	746.8	2.201	3.90	0.33
86.3	2861.481	396.69	333.70	62.99	1.588	1.413	3.533	2.916	18.93	61.75	30.14	45.97	227.127	745.6	2.219	3.92	0.32
86.4	2867.210	396.63	333.93	62.70	1.588	1.413	3.566	2.936	18.97	61.58	30.24	45.96	228.061	744.4	2.237	3.93	0.32
86.5	2872.949	396.56	334.15	62.41	1.587	1.414	3.600	2.955	19.02	61.41	30.35	45.94	229.004	743.2	2.255	3.95	0.31
86.6	2878.697	396.50	334.38	62.11	1.587	1.415	3.634	2.976	19.06	61.24	30.46	45.93	229.955	742.0	2.274	3.97	0.31
86.7	2884.456	396.43	334.61	61.82	1.587	1.415	3.670	2.996	19.11	61.07	30.57	45.92	230.915	740.8	2.294	3.98	0.30
86.8	2890.224	396.36	334.84	61.52	1.587	1.416	3.706	3.018	19.16	60.89	30.68	45.91	231.885	739.5	2.314	4.00	0.30
86.9	2896.003	396.29	335.07	61.22	1.586	1.416	3.743	3.040	19.21	60.72	30.80	45.90	232.863	738.3	2.334	4.02	0.29
87	2901.792	396.22	335.30	60.92	1.586	1.417	3.781	3.062	19.25	60.55	30.91	45.89	233.850	737.0	2.355	4.04	0.29
87.1	2907.591	396.15	335.54	60.61	1.586	1.418	3.820	3.085	19.30	60.37	31.03	45.88	234.847	735.8	2.377	4.06	0.28
87.2	2913.400	396.08	335.77	60.31	1.586	1.418	3.861	3.109	19.35	60.20	31.15	45.87	235.853	734.5	2.399	4.08	0.28
87.3	2919.219	396.00	336.01	60.00	1.585	1.419	3.902	3.133	19.40	60.02	31.27	45.86	236.870	733.2	2.421	4.10	0.27
87.4	2925.048	395.93	336.24	59.69	1.585	1.420	3.944	3.158	19.45	59.84	31.39	45.85	237.896	732.0	2.445	4.12	0.27
87.5	2930.888	395.85	336.48	59.37	1.585	1.420	3.988	3.183	19.50	59.66	31.51	45.85	238.933	730.7	2.468	4.14	0.26
87.6	2936.738	395.77	336.72	59.06	1.584	1.421	4.033	3.210	19.56	59.48	31.64	45.84	239.980	729.4	2.493	4.17	0.26
87.7	2942.598	395.69	336.95	58.74	1.584	1.421	4.079	3.237	19.61	59.30	31.77	45.84	241.038	728.0	2.518	4.19	0.25
87.8	2948.469	395.61	337.19	58.42	1.584	1.422	4.127	3.265	19.66	59.12	31.90	45.83	242.108	726.7	2.544	4.21	0.25
87.9	2954.350	395.53	337.43	58.09	1.584	1.423	4.176	3.293	19.72	58.94	32.03	45.83	243.188	725.4	2.570	4.24	0.24
88	2960.242	395.44	337.68	57.77	1.583	1.423	4.226	3.323	19.77	58.76	32.17	45.83	244.280	724.0	2.598	4.26	0.24
88.1	2966.144	395.36	337.92	57.44	1.583	1.424	4.278	3.354	19.83	58.58	32.30	45.83	245.384	722.7	2.626	4.29	0.23
88.2	2972.056	395.27	338.16	57.10	1.583	1.425	4.331	3.385	19.88	58.39	32.44	45.83	246.500	721.3	2.655	4.31	0.23
88.3	2977.979	395.18	338.41	56.77	1.582	1.425	4.387	3.418	19.94	58.21	32.58	45.83	247.629	719.9	2.685	4.34	0.22
88.4	2983.913	395.08	338.66	56.43	1.582	1.426	4.444	3.451	20.00	58.02	32.73	45.83	248.770	718.5	2.715	4.37	0.22
88.5	2989.857	394.99	338.90	56.09	1.582	1.427	4.502	3.486	20.06	57.83	32.87	45.84	249.925	717.1	2.747	4.40	0.21
88.6	2995.813	394.90	339.15	55.74	1.581	1.427	4.563	3.521	20.12	57.64	33.02	45.84	251.093	715.7	2.780	4.43	0.21
88.7	3001.778	394.80	339.40	55.40	1.581	1.428	4.626	3.558	20.18	57.46	33.18	45.85	252.275	714.2	2.813	4.46	0.20
88.8	3007.755	394.70	339.65	55.04	1.581	1.429	4.691	3.597	20.24	57.26	33.33	45.86	253.471	712.8	2.848	4.49	0.20
88.9	3013.742	394.60	339.91	54.69	1.580	1.429	4.758	3.636	20.30	57.07	33.49	45.87	254.682	711.3	2.884	4.52	0.19
89	3019.741	394.49	340.16	54.33	1.580	1.430	4.828	3.677	20.36	56.88	33.65	45.88	255.907	709.8	2.921	4.56	0.19
89.1	3025.750	394.39	340.42	53.97	1.580	1.431	4.900	3.720	20.43	56.69	33.81	45.89	257.149	708.3	2.960	4.59	0.18
89.2	3031.770	394.28	340.67	53.60	1.579	1.431	4.975	3.764	20.49	56.49	33.98	45.91	258.406	706.8	3.000	4.63	0.18
89.3	3037.801	394.17	340.93	53.23	1.579	1.432	5.052	3.810	20.56	56.29	34.15	45.92	259.679	705.3	3.041	4.67	0.17
89.4	3043.843	394.05	341.19	52.86	1.579	1.433	5.133	3.857	20.62	56.09	34.33	45.94	260.970	703.7	3.084	4.71	0.17
89.5	3049.897	393.94	341.45	52.48	1.578	1.433	5.216	3.907	20.69	55.89	34.51	45.96	262.278	702.2	3.128	4.75	0.17

89.6	3055.961	393.82	341.72	52.10	1.578	1.434	5.303	3.958	20.76	55.69	34.69	45.98	263.603	700.6	3.174	4.79	0.16
89.7	3062.037	393.70	341.98	51.72	1.577	1.435	5.393	4.012	20.83	55.49	34.88	46.01	264.948	699.0	3.222	4.84	0.16
89.8	3068.124	393.58	342.25	51.33	1.577	1.436	5.488	4.067	20.90	55.29	35.07	46.03	266.311	697.4	3.271	4.88	0.15
89.9	3074.223	393.45	342.52	50.93	1.577	1.436	5.586	4.126	20.98	55.08	35.26	46.06	267.695	695.7	3.323	4.93	0.15
90	3080.332	393.32	342.79	50.53	1.576	1.437	5.688	4.186	21.05	54.87	35.46	46.10	269.099	694.1	3.376	4.98	0.14
90.1	3086.454	393.19	343.06	50.13	1.576	1.438	5.795	4.250	21.12	54.66	35.67	46.13	270.524	692.4	3.432	5.04	0.14
90.2	3092.587	393.06	343.34	49.72	1.575	1.438	5.906	4.316	21.20	54.45	35.88	46.17	271.971	690.7	3.490	5.09	0.14
90.3	3098.731	392.92	343.62	49.30	1.575	1.439	6.023	4.385	21.28	54.24	36.09	46.21	273.441	689.0	3.551	5.15	0.13
90.4	3104.887	392.78	343.90	48.88	1.574	1.440	6.145	4.458	21.36	54.02	36.32	46.25	274.935	687.2	3.614	5.21	0.13
90.5	3111.055	392.63	344.18	48.46	1.574	1.441	6.273	4.535	21.44	53.81	36.54	46.30	276.453	685.4	3.681	5.27	0.12
90.6	3117.234	392.48	344.46	48.02	1.573	1.441	6.408	4.615	21.52	53.59	36.78	46.35	277.997	683.7	3.750	5.34	0.12
90.7	3123.425	392.33	344.75	47.59	1.573	1.442	6.549	4.699	21.61	53.37	37.02	46.40	279.567	681.8	3.822	5.40	0.11
90.8	3129.629	392.18	345.04	47.14	1.573	1.443	6.698	4.788	21.69	53.14	37.27	46.46	281.165	680.0	3.899	5.48	0.11
90.9	3135.844	392.02	345.33	46.69	1.572	1.444	6.854	4.882	21.78	52.92	37.52	46.52	282.792	678.1	3.979	5.55	0.11
91	3142.071	391.85	345.62	46.23	1.572	1.445	7.019	4.981	21.87	52.69	37.79	46.58	284.450	676.2	4.063	5.63	0.10
91.1	3148.311	391.69	345.92	45.76	1.571	1.445	7.193	5.085	21.96	52.46	38.06	46.65	286.138	674.2	4.151	5.72	0.10
91.2	3154.563	391.51	346.22	45.29	1.570	1.446	7.378	5.196	22.06	52.22	38.34	46.73	287.860	672.3	4.244	5.81	0.10
91.3	3160.827	391.34	346.53	44.81	1.570	1.447	7.573	5.314	22.15	51.98	38.63	46.81	289.617	670.3	4.343	5.90	0.09
91.4	3167.103	391.15	346.83	44.32	1.569	1.448	7.780	5.439	22.25	51.74	38.93	46.90	291.409	668.2	4.447	6.00	0.09
91.5	3173.392	390.97	347.14	43.82	1.569	1.449	8.001	5.572	22.35	51.50	39.25	46.99	293.240	666.1	4.557	6.11	0.08
91.6	3179.694	390.77	347.46	43.31	1.568	1.449	8.236	5.715	22.46	51.25	39.57	47.09	295.111	664.0	4.674	6.22	0.08
91.7	3186.008	390.57	347.78	42.80	1.568	1.450	8.487	5.867	22.56	51.00	39.91	47.19	297.024	661.9	4.798	6.34	0.08
91.8	3192.335	390.37	348.10	42.27	1.567	1.451	8.755	6.030	22.67	50.75	40.26	47.31	298.982	659.6	4.930	6.47	0.07
91.9	3198.675	390.16	348.43	41.73	1.566	1.452	9.043	6.206	22.78	50.49	40.63	47.43	300.988	657.4	5.072	6.61	0.07
92	3205.028	389.94	348.76	41.18	1.566	1.453	9.352	6.395	22.90	50.23	41.01	47.56	303.043	655.1	5.223	6.75	0.07
92.1	3211.394	389.71	349.10	40.62	1.565	1.454	9.686	6.599	23.02	49.96	41.41	47.70	305.152	652.7	5.385	6.91	0.06
92.2	3217.774	389.48	349.44	40.04	1.564	1.455	10.047	6.821	23.14	49.69	41.83	47.85	307.318	650.3	5.559	7.08	0.06
92.3	3224.167	389.24	349.79	39.45	1.564	1.456	10.438	7.062	23.27	49.42	42.27	48.01	309.544	647.8	5.746	7.27	0.06
92.4	3230.573	388.99	350.14	38.85	1.563	1.457	10.864	7.326	23.40	49.13	42.73	48.19	311.835	645.3	5.949	7.47	0.05
92.5	3236.993	388.73	350.50	38.23	1.562	1.458	11.330	7.615	23.54	48.85	43.22	48.38	314.196	642.7	6.169	7.69	0.05
92.6	3243.427	388.46	350.87	37.59	1.561	1.459	11.840	7.932	23.68	48.55	43.74	48.58	316.633	640.0	6.409	7.93	0.05
92.7	3249.875	388.18	351.25	36.94	1.560	1.460	12.403	8.284	23.82	48.25	44.29	48.81	319.151	637.2	6.671	8.19	0.04
92.8	3256.337	387.89	351.63	36.26	1.560	1.461	13.026	8.675	23.97	47.94	44.88	49.05	321.757	634.4	6.958	8.48	0.04
92.9	3262.813	387.58	352.02	35.56	1.559	1.462	13.720	9.112	24.13	47.63	45.51	49.32	324.459	631.4	7.276	8.80	0.04
93	3269.304	387.26	352.43	34.84	1.558	1.463	14.497	9.604	24.30	47.30	46.18	49.62	327.267	628.4	7.628	9.16	0.03