

Heat release rate							
0		5		10		15	
Time	HRR	Time	HRR	Time	HRR	Time	HRR
0	31.98264	0	4.59266	0	11.34075	0	0.17173
1	25.8308	1	1.07088	1	6.44775	1	4.23093
2	19.3218	2	4.82017	2	5.54479	2	4.86182
3	12.88041	3	3.69532	3	6.92715	3	2.12436
4	7.12174	4	1.38179	4	5.74783	4	1.81362
5	3.75137	5	1.94595	5	5.32701	5	-0.22452
6	-0.23628	6	1.99027	6	5.42203	6	0.11994
7	1.41263	7	2.48992	7	1.39434	7	1.49349
8	6.45945	8	2.98653	8	1.91887	8	2.87175
9	18.63682	9	3.84876	9	0.45889	9	3.11408
10	29.37672	10	2.6332	10	1.33764	10	2.9856
11	36.05073	11	0.71197	11	3.99543	11	1.6238
12	43.87344	12	1.93923	12	2.81354	12	1.48257
13	45.44955	13	4.63157	13	3.98312	13	3.69271
14	38.07961	14	1.65857	14	4.95245	14	-0.00462
15	31.78416	15	2.73717	15	2.9889	15	1.92863
16	23.32036	16	1.28019	16	1.66429	16	3.12995
17	11.97671	17	4.46877	17	1.7102	17	3.28595
18	3.40056	18	2.2629	18	3.00288	18	1.43594
19	-1.26778	19	1.60649	19	2.89325	19	2.76775
20	1.23431	20	1.24736	20	2.697	20	4.93918
21	11.00144	21	0.39202	21	3.27873	21	3.82306
22	19.87258	22	0.08903	22	3.68205	22	4.29871
23	32.54177	23	0.36707	23	4.99712	23	6.06779
24	42.26863	24	1.34412	24	2.45079	24	5.67311
25	42.48816	25	0.76427	25	0.53454	25	0.68027
26	42.75434	26	0.18687	26	2.25227	26	0.66989
27	41.13419	27	0.47769	27	1.02046	27	2.82828
28	35.99505	28	0.27526	28	2.69636	28	4.87304
29	26.4171	29	0.60348	29	2.27759	29	5.5721
30	17.15611	30	3.30426	30	2.84096	30	5.39035
31	11.64309	31	2.69362	31	1.8835	31	6.14883
32	11.26799	32	1.66184	32	3.77473	32	6.46092
33	16.92291	33	1.99011	33	17.10057	33	6.06997
34	24.8939	34	2.60907	34	19.25723	34	1.6154
35	32.08067	35	0.06166	35	1.39625	35	3.03203
36	31.89823	36	0.34112	36	1.15212	36	6.82292
37	39.1589	37	1.5152	37	0.60368	37	7.1129
38	45.77175	38	3.11802	38	0.65595	38	5.81058
39	39.87711	39	3.37918	39	2.59268	39	3.77179
40	31.24884	40	1.3489	40	2.31602	40	6.53971
41	18.77738	41	1.10137	41	0.419	41	8.58225
42	5.86169	42	1.54666	42	0.78185	42	10.64034
43	11.65566	43	1.1218	43	0.683	43	12.22984
44	37.22171	44	0.03858	44	1.99349	44	9.21597
45	40.33788	45	4.03701	45	3.73991	45	9.82782
46	37.62224	46	0.45178	46	6.82914	46	11.47205
47	46.19119	47	4.27824	47	-0.00701	47	9.58082
48	45.54735	48	2.05769	48	3.51497	48	10.92747
49	46.96522	49	7.02822	49	4.45153	49	12.32855
50	38.351	50	6.36582	50	-0.0575	50	12.90382

51	28.76615	51	2.20269	51	0.40311	51	11.49944
52	23.03099	52	1.36061	52	0.28355	52	7.84704
53	17.97903	53	0.89215	53	2.43899	53	7.95722
54	34.44126	54	0.3794	54	3.86615	54	8.2685
55	38.6462	55	0.65346	55	2.94516	55	7.59209
56	32.56453	56	1.7383	56	2.14332	56	9.47077
57	47.76483	57	3.13615	57	1.1262	57	12.76031
58	62.82646	58	1.7482	58	0.07419	58	14.06282
59	60.59805	59	3.03526	59	1.07037	59	10.66533
60	52.89922	60	2.63634	60	1.82416	60	10.55744
61	49.82504	61	1.08215	61	4.80226	61	11.91853
62	45.35871	62	2.53829	62	0.32782	62	10.07247
63	36.23069	63	3.22713	63	0.73992	63	10.61188
64	26.99624	64	3.85277	64	1.52721	64	13.6459
65	26.47953	65	5.0337	65	1.76011	65	11.12991
66	26.32397	66	5.18412	66	1.84666	66	9.58111
67	27.05387	67	3.29002	67	1.02358	67	11.39489
68	16.30104	68	2.43368	68	2.87176	68	11.49293
69	20.44799	69	1.98642	69	4.95385	69	13.88693
70	37.29977	70	3.46467	70	5.81995	70	14.03483
71	49.97559	71	7.03034	71	3.53885	71	11.18134
72	64.25672	72	10.93816	72	4.07676	72	8.71572
73	75.38171	73	10.77641	73	3.87111	73	7.01983
74	89.82944	74	11.20992	74	4.27783	74	8.046
75	100.80741	75	15.94153	75	3.80063	75	11.46174
76	110.44728	76	21.519	76	2.35137	76	9.55572
77	118.31301	77	25.9913	77	6.10413	77	7.87409
78	134.33856	78	34.13204	78	6.20719	78	9.23413
79	154.04751	79	44.95561	79	2.62477	79	11.40642
80	155.90395	80	49.48515	80	2.3639	80	10.36092
81	165.85149	81	56.14397	81	3.97641	81	11.91818
82	183.87556	82	68.82989	82	10.85246	82	10.86714
83	200.87471	83	81.9536	83	5.20128	83	6.35769
84	216.77488	84	93.48177	84	0.15375	84	3.95734
85	228.84527	85	103.75039	85	1.81871	85	3.30931
86	244.58755	86	114.79892	86	3.8025	86	8.81748
87	286.69964	87	125.75406	87	0.67744	87	20.82747
88	294.90341	88	131.39674	88	0.22258	88	18.82372
89	274.07061	89	140.04246	89	0.23537	89	10.01026
90	276.87658	90	148.53875	90	2.74605	90	7.21784
91	263.81656	91	158.81291	91	3.24876	91	5.24832
92	257.68422	92	165.67728	92	3.60419	92	6.44644
93	249.93794	93	165.41797	93	3.10446	93	8.78701
94	229.78914	94	169.38878	94	5.65898	94	7.01947
95	218.42534	95	174.09138	95	9.18113	95	7.87788
96	205.66004	96	176.57949	96	10.16662	96	7.00534
97	202.92081	97	180.47555	97	11.37625	97	4.42941
98	200.94053	98	180.91098	98	10.93467	98	4.52113
99	182.6418	99	181.84516	99	8.44832	99	4.45976
100	178.43878	100	186.4128	100	7.73949	100	1.18607
101	178.9629	101	185.28951	101	11.31958	101	2.12538
102	167.45338	102	187.50032	102	18.85628	102	9.42571
103	155.04816	103	189.68475	103	21.19091	103	9.59826
104	140.05099	104	184.6265	104	21.80596	104	9.31067

105	132.58602	105	184.51953	105	21.55001	105	9.28259
106	101.81956	106	186.83608	106	24.86372	106	7.46395
107	91.36716	107	189.61822	107	30.91364	107	9.73836
108	109.84405	108	186.96991	108	34.87784	108	13.69145
109	83.85062	109	185.84789	109	38.66495	109	9.82805
110	76.33634	110	186.47145	110	39.86123	110	7.96205
111	91.50208	111	186.97325	111	40.86649	111	11.15197
112	118.42261	112	185.85521	112	45.56742	112	12.51882
113	99.98591	113	184.61878	113	50.46077	113	9.52334
114	84.73136	114	181.87899	114	52.63285	114	9.23656
115	85.60793	115	183.54027	115	54.74639	115	7.94071
116	79.69091	116	185.79058	116	64.03656	116	8.68351
117	85.28363	117	186.29163	117	67.75536	117	9.94656
118	83.61565	118	182.7314	118	69.7155	118	9.95019
119	82.83288	119	185.02294	119	73.17712	119	9.38632
120	76.7577	120	182.54803	120	78.6353	120	10.39773
121	57.73556	121	183.4199	121	81.64595	121	11.73766
122	61.51757	122	183.86362	122	83.71933	122	10.09607
123	73.57228	123	183.67011	123	86.59185	123	10.99504
124	90.21136	124	180.88813	124	89.01438	124	12.43077
125	100.74716	125	180.45895	125	92.58545	125	10.5072
126	101.81777	126	182.67301	126	96.99049	126	11.39781
127	95.98377	127	173.28529	127	99.3969	127	13.72381
128	76.22315	128	173.86516	128	100.63471	128	11.55222
129	68.9472	129	171.68731	129	104.17509	129	10.07591
130	70.29833	130	171.1135	130	109.20192	130	9.08469
131	67.18851	131	173.93166	131	111.31852	131	10.32174
132	71.05688	132	168.73312	132	110.92215	132	10.23701
133	76.72331	133	168.33837	133	113.60708	133	9.83775
134	85.88575	134	164.79055	134	115.05229	134	9.31733
135	98.00652	135	163.48538	135	118.19365	135	8.48827
136	108.73039	136	157.5903	136	120.54929	136	6.88685
137	112.20677	137	159.67455	137	117.16995	137	6.92765
138	114.68317	138	160.87594	138	116.91823	138	6.25439
139	108.42113	139	156.57014	139	118.95031	139	5.71902
140	98.98663	140	155.09786	140	121.12451	140	8.73801
141	91.86631	141	153.07531	141	119.34852	141	8.95911
142	80.01266	142	151.50153	142	117.44574	142	8.54303
143	71.64089	143	147.60394	143	117.30537	143	8.6281
144	72.72832	144	148.89786	144	118.592	144	8.55137
145	72.35876	145	149.7012	145	117.26355	145	6.45778
146	76.39956	146	148.07933	146	114.85034	146	4.84736
147	89.76191	147	144.17363	147	118.14847	147	6.46079
148	97.33552	148	135.37048	148	121.51573	148	8.95989
149	102.21155	149	132.5632	149	116.23627	149	8.20786
150	104.17088	150	132.81408	150	116.31746	150	3.51638
151	102.81521	151	143.87197	151	117.50034	151	3.77563
152	91.4491	152	134.23645	152	115.98232	152	7.02921
153	80.0165	153	124.39775	153	114.8861	153	7.40772
154	70.56322	154	131.29937	154	113.70423	154	6.24072
155	59.50222	155	131.75203	155	115.52685	155	4.12942
156	46.10518	156	128.94088	156	114.06404	156	8.29374
157	30.20315	157	122.42462	157	110.61605	157	10.17524
158	24.5373	158	117.6471	158	109.03865	158	9.1778

159	28.01648	159	118.91743	159	111.4427	159	6.64916
160	32.45472	160	119.37726	160	109.87627	160	4.84251
161	43.29074	161	120.3583	161	107.74751	161	10.59161
162	43.69371	162	118.15454	162	104.83686	162	14.32463
163	50.31532	163	112.23967	163	105.17548	163	13.06608
164	55.72478	164	106.6448	164	103.56235	164	10.28843
165	57.97816	165	106.20691	165	106.86171	165	9.04739
166	67.90784	166	102.98219	166	105.31969	166	11.78777
167	67.65033	167	99.67261	167	101.12108	167	18.45545
168	56.0039	168	106.32219	168	100.50923	168	18.59411
169	42.09995	169	109.5537	169	98.86516	169	15.62171
170	32.01722	170	103.87378	170	95.43898	170	17.53507
171	28.03271	171	99.7545	171	96.66616	171	24.8912
172	18.74267	172	99.09474	172	95.40265	172	27.50922
173	14.20289	173	105.08955	173	93.91748	173	25.97027
174	19.10065	174	100.23311	174	93.28349	174	27.56876
175	29.04109	175	98.87756	175	92.09371	175	28.4939
176	34.55566	176	100.14332	176	91.90152	176	31.33552
177	47.35222	177	94.72624	177	82.13204	177	36.8456
178	49.88141	178	92.71936	178	82.38561	178	40.58465
179	51.77073	179	90.16626	179	84.8903	179	43.60686
180	52.50747	180	89.38321	180	86.77206	180	45.01619
181	50.3991	181	83.71771	181	81.97625	181	45.7499
182	35.4476	182	81.24775	182	81.69719	182	40.37645
183	26.03849	183	84.48557	183	85.78186	183	45.50068
184	13.56297	184	86.61497	184	83.00819	184	51.1957
185	15.15374	185	88.72644	185	81.21739	185	51.71469
186	29.56102	186	87.15191	186	79.91328	186	55.36691
187	38.93489	187	85.27766	187	78.60085	187	56.55149
188	48.4084	188	83.34494	188	79.53191	188	55.42587
189	52.04618	189	81.39226	189	78.75688	189	55.14305
190	75.37476	190	81.38968	190	72.97822	190	54.39016
191	68.40806	191	83.03133	191	74.24904	191	55.08254
192	38.03166	192	84.30899	192	76.33492	192	54.84629
193	31.45883	193	83.16356	193	73.52604	193	56.0771
194	16.04526	194	82.80074	194	73.40643	194	55.80458
195	9.74466	195	80.10887	195	75.73749	195	54.66841
196	11.39077	196	78.76478	196	72.08285	196	50.5961
197	17.6721	197	77.24003	197	69.8291	197	47.19169
198	27.46424	198	74.75853	198	72.09922	198	49.69446
199	38.56242	199	72.48156	199	70.71334	199	50.34631
200	44.52119	200	70.81792	200	68.2425	200	48.58344
--	42.51194	201	73.72848	201	66.28563	201	47.807
--	39.37393	202	72.77069	202	65.8974	202	47.83019
--	28.91471	203	68.59955	203	65.3254	203	48.15026
--	22.83813	204	67.13038	204	63.90071	204	44.3201
--	17.20987	205	64.41445	205	68.02311	205	40.17077
--	14.09369	206	65.12772	206	68.52864	206	42.01916
--	17.14476	207	64.43269	207	61.94928	207	41.65017
--	23.36627	208	63.83501	208	63.4829	208	41.33888
--	35.20155	209	61.85928	209	62.41808	209	41.45213
--	35.8561	210	59.07613	210	59.60293	210	41.37323
--	38.77085	211	57.6557	211	58.17903	211	42.0221
--	42.79393	212	56.14227	212	58.24925	212	38.38797

--	40.66826	213	52.85209	213	57.84703	213	36.08741
--	31.33775	214	48.04038	214	53.2938	214	38.23071
--	15.31165	215	48.0425	215	55.79839	215	43.6739
--	9.42649	216	44.99897	216	57.69788	216	40.10771
--	5.53414	217	42.50016	217	54.69195	217	40.88262
--	6.00288	218	40.03283	218	54.12469	218	46.11756
--	2.52215	219	38.1465	219	54.52077	219	49.968
--	11.73788	220	38.80861	220	54.52301	220	53.62854
--	38.9905	221	36.53866	221	54.71187	221	52.28973
--	42.31292	222	33.67791	222	52.7754	222	52.36876
--	49.12945	223	29.04862	223	51.93158	223	54.62831
--	39.32659	224	28.67056	224	51.84885	224	58.04493
--	31.82405	225	28.82112	225	52.53834	225	59.18099
--	29.1913	226	23.96123	226	46.20784	226	61.98158
--	19.82441	227	21.19938	227	47.12877	227	62.29997
--	11.24211	228	20.6211	228	50.29274	228	64.20552
--	5.20111	229	17.8846	229	49.52497	229	68.14782
--	9.06715	230	17.14578	230	50.11102	230	66.52804
--	17.63435	231	16.81737	231	50.10404	231	67.18961
--	23.39873	232	4.05689	232	49.77905	232	69.78865
--	29.74829	233	3.30244	233	49.21985	233	68.42824
--	40.42	234	10.67048	234	47.76191	234	65.27338
--	49.07579	235	8.8947	235	46.55273	235	63.38438
--	50.24683	236	9.99269	236	46.96875	236	65.40306
--	46.10815	237	10.06925	237	43.8578	237	69.44351
--	41.05354	238	9.55808	238	43.29351	238	67.14522
--	34.56891	239	4.31808	239	49.21205	239	69.15143
--	29.46434	240	2.36611	240	52.49809	240	68.09288
--	17.56455	241	1.24034	241	52.82778	241	69.20601
--	8.42083	242	6.75459	242	59.4939	242	70.77302
--	16.46305	243	4.11328	243	59.16974	243	69.84855
--	17.15786	244	10.79534	244	60.09796	244	67.03456
--	22.53823	245	8.93468	245	50.01727	245	65.05148
--	31.20043	246	2.21232	246	45.92023	246	65.73383
--	33.18273	247	0.49784	247	44.53548	247	66.91557
--	45.24099	248	0.73402	248	46.06438	248	67.1049
--	54.37974	249	5.88942	249	44.06887	249	65.54378
--	84.87511	250	7.20939	250	43.26206	250	65.0843
--	88.40289	251	3.30954	251	42.18336	251	63.79408
--	59.28697	252	5.85205	252	45.1025	252	63.60962
--	37.64246	253	7.22814	253	47.52731	253	62.81879
--	14.42059	254	6.06188	254	46.35564	254	62.60545
--	12.13085	255	6.06054	255	45.50394	255	55.98276
--	19.81329	256	4.12643	256	42.73978	256	60.64473
--	20.68611	257	4.35248	257	43.47649	257	63.57673
--	11.97426	258	6.28982	258	42.8639	258	62.86106
--	4.13439	259	5.26238	259	43.46415	259	62.59622
--	4.55021	260	4.69608	260	44.09644	260	61.02839
--	11.96709	261	4.00874	261	43.62871	261	62.79901
--	24.62801	262	4.53895	262	43.47592	262	63.26766
--	39.68293	263	2.9139	263	41.51068	263	64.4285
--	44.38224	264	5.38272	264	41.49446	264	62.59276
--	55.62573	265	6.6738	265	42.11869	265	58.55565
--	62.27173	266	5.59429	266	42.36824	266	57.64303

--	61.1362	267	5.81123	267	39.86877	267	58.44154
--	54.75436	268	8.47558	268	28.26574	268	58.97224
--	37.77342	269	9.29951	269	28.30024	269	56.69676
--	26.99007	270	10.56215	270	40.32171	270	54.34529
--	20.26634	271	7.46296	271	43.00269	271	55.8879
--	16.61232	272	9.57908	272	44.63675	272	56.46279
--	8.7923	273	11.10998	273	40.58308	273	58.6178
--	-0.02816	274	6.04118	274	39.98763	274	59.22865
--	6.53007	275	6.53172	275	39.7518	275	57.31729
--	13.04923	276	5.37539	276	37.17905	276	55.69376
--	24.09167	277	3.86847	277	38.91844	277	56.16065
--	41.65989	278	6.31509	278	37.70336	278	54.65036
--	44.5837	279	3.60612	279	38.1131	279	54.86562
--	51.83926	280	3.01566	280	37.60732	280	55.73617
--	54.58625	281	-0.09453	281	37.87834	281	53.63901
--	50.60972	282	3.71182	282	36.9463	282	54.21345
--	45.63476	283	5.47076	283	37.61948	283	54.67091
--	36.27569	284	7.51718	284	37.00141	284	52.50979
--	35.17956	285	3.11304	285	37.99719	285	51.74949
--	23.21805	286	6.43282	286	40.67276	286	53.74338
--	14.50795	287	8.09446	287	38.98154	287	50.78745
--	10.17459	288	7.11473	288	32.20517	288	52.04097
--	5.29517	289	8.74329	289	31.95108	289	51.56489
--	16.76211	290	10.17006	290	37.42213	290	47.47481
--	23.13403	291	8.13927	291	35.42209	291	50.80876
--	23.74013	292	5.41409	292	35.17925	292	54.20624
--	36.8542	293	7.37606	293	33.57087	293	52.60147
--	49.9344	294	12.92393	294	31.68239	294	50.67191
--	51.85165	295	12.87359	295	31.74302	295	50.96653
--	43.74415	296	6.85175	296	32.52691	296	50.8797
--	41.25933	297	5.50065	297	33.72898	297	49.07144
--	42.99427	298	7.0832	298	32.5144	298	47.74527
--	32.00897	299	7.01499	299	31.29685	299	47.83519
--	13.4029	300	10.22532	300	32.3363	300	46.90144
--	11.19425	301	9.1668	301	38.39241	301	48.68886
--	15.30034	302	5.29891	302	33.00468	302	49.54136
--	18.21911	303	6.99191	303	29.58871	303	44.56394
--	21.04707	304	7.30937	304	29.99282	304	41.79904
--	27.39312	305	5.95364	305	31.06589	305	45.10124
--	30.94983	306	6.57353	306	30.24964	306	45.81183
--	45.11441	307	5.25581	307	30.01769	307	44.83388
--	51.19097	308	8.75282	308	29.31292	308	43.07851
--	48.60447	309	11.22927	309	27.98836	309	48.43547
--	46.69089	310	12.4726	310	28.1865	310	47.46282
--	31.58033	311	6.49774	311	25.30554	311	41.93887
--	25.52061	312	14.41366	312	24.27134	312	43.104
--	22.89493	313	14.5569	313	24.5683	313	44.96136
--	7.44225	314	4.89336	314	26.88687	314	42.6734
--	14.55251	315	6.07338	315	27.64794	315	42.68256
--	31.92762	316	7.44291	316	26.08571	316	41.89805
--	40.86308	317	6.66907	317	24.80717	317	44.39271
--	43.98789	318	8.80052	318	20.27825	318	45.94186
--	46.4852	319	5.59049	319	20.60629	319	43.39091
--	52.69732	320	7.42997	320	22.37342	320	42.40634

--	53.12538	321	10.37145	321	23.28919	321	49.14061
--	37.25623	322	8.27844	322	26.54959	322	46.79129
--	27.32858	323	7.00993	323	25.74533	323	41.27532
--	26.0418	324	10.05184	324	28.24492	324	40.17113
--	20.25116	325	2.74316	325	26.69672	325	37.53063
--	18.00643	326	4.99297	326	24.70176	326	38.31376
--	11.92983	327	8.27846	327	24.90976	327	46.82176
--	22.15052	328	8.78592	328	22.90769	328	43.0828
--	32.85484	329	8.54038	329	23.17324	329	42.19795
--	47.73103	330	11.16877	330	25.26608	330	42.00722
--	49.63576	331	9.1464	331	24.87512	331	39.15832
--	50.76715	332	0.03988	332	23.48213	332	39.1941
--	61.61636	333	2.5703	333	23.31446	333	37.03691
--	58.23918	334	9.02517	334	22.2297	334	37.48406
--	53.86175	335	10.28184	335	23.62451	335	35.1159
--	49.94649	336	9.3782	336	22.66709	336	41.27277
--	26.46059	337	7.90404	337	19.63789	337	39.85155
--	15.48372	338	7.61584	338	19.48519	338	31.78132
--	23.19862	339	9.19502	339	21.0954	339	31.83256
--	16.93375	340	8.63822	340	19.75481	340	33.79184
--	13.42978	341	6.72017	341	19.43683	341	34.42111
--	19.71758	342	7.47911	342	20.0011	342	34.22135
--	28.02407	343	6.645	343	18.9027	343	33.62872
--	40.04955	344	7.07268	344	19.80793	344	35.63186
--	49.89518	345	8.01287	345	22.60813	345	37.3401
--	47.82365	346	10.46084	346	18.47592	346	31.34743
--	56.79595	347	5.71501	347	18.05992	347	25.8957
--	61.79135	348	5.70901	348	16.60512	348	34.04093
--	62.30717	349	5.99475	349	17.43454	349	34.85312
--	58.415	350	6.13528	350	16.27162	350	34.56929
--	47.91827	351	7.72118	351	15.65695	351	37.08585
--	33.1963	352	9.78119	352	18.83814	352	38.28666
--	16.59304	353	10.85145	353	20.68723	353	37.57248
--	11.276	354	8.92997	354	21.59392	354	36.08846
--	11.88768	355	4.4889	355	19.48484	355	36.0925
--	19.27667	356	4.57468	356	18.96816	356	35.84527
--	19.86823	357	3.94862	357	19.1185	357	38.17901
--	28.24967	358	2.99856	358	16.83644	358	37.72155
--	28.43671	359	2.99618	359	21.25086	359	36.92691
--	33.38121	360	2.74785	360	23.10226	360	41.06721
--	52.85322	361	3.9997	361	19.93175	361	40.85632
--	55.25854	362	6.18266	362	19.4397	362	42.65636
--	63.0014	363	2.47669	363	19.05988	363	43.84453
--	70.76207	364	0.79982	364	19.41512	364	42.25321
--	66.60253	365	2.19017	365	16.30167	365	41.69155
--	42.42318	366	3.41798	366	18.04735	366	38.26204
--	17.94844	367	1.55219	367	17.34837	367	39.80352
--	0.29143	368	4.24985	368	15.59952	368	43.30818
--	13.13479	369	2.01232	369	14.66539	369	42.40393
--	21.10096	370	0.86065	370	15.39989	370	40.34799
--	22.9187	371	8.27705	371	14.87895	371	39.64774
--	35.27272	372	3.21408	372	15.61898	372	40.45151
--	38.74959	373	3.03498	373	14.72259	373	42.032
--	41.52549	374	3.9636	374	15.28443	374	39.37231

--	56.52742	375	3.88275	375	15.20347	375	37.21888
--	80.85832	376	5.11448	376	11.67001	376	37.23705
--	72.74945	377	7.1403	377	11.18094	377	35.18958
--	57.46307	378	6.47102	378	11.70666	378	35.10315
--	48.38806	379	4.73858	379	10.38101	379	36.15796
--	35.48536	380	4.54563	380	10.90218	380	38.89385
--	33.10729	381	3.06779	381	13.3988	381	41.63812
--	27.6774	382	3.31949	382	9.34897	382	40.81401
--	22.39747	383	3.41366	383	9.10187	383	39.76439
--	21.81829	384	4.46183	384	9.04356	384	40.4359
--	31.6442	385	5.28967	385	5.93632	385	40.31988
--	34.48337	386	6.93695	386	14.82641	386	38.63559
--	43.59542	387	7.48341	387	16.03887	387	37.12091
--	52.44258	388	5.89081	388	6.16768	388	37.26974
--	48.44634	389	4.82659	389	5.76594	389	23.15292
--	42.97887	390	5.34895	390	4.52599	390	31.88843
--	28.38858	391	4.01864	391	6.04066	391	40.18116
--	20.61491	392	0.63446	392	7.33579	392	38.51812
--	20.57252	393	3.00351	393	6.66096	393	39.73447
--	10.80756	394	4.66218	394	4.90996	394	38.86142
--	6.51039	395	3.80528	395	5.03135	395	35.86659
--	11.42068	396	2.64552	396	4.42642	396	37.23581
--	17.98639	397	1.91003	397	4.09932	397	34.52068
--	24.3568	398	3.17247	398	4.42545	398	33.35841
--	40.22086	399	2.33737	399	6.50044	399	32.66863
--	46.3099	400	3.37424	400	6.03654	400	34.64082
--	47.69258	401	3.68123	401	3.87813	401	36.80407
--	47.12534	402	3.4342	402	7.07529	402	36.84884
--	47.09226	403	3.51666	403	8.05202	403	36.25941
--	41.97151	404	2.65187	404	3.9156	404	34.30471
--	33.52823	405	3.4506	405	3.47324	405	39.1113
--	22.69311	406	4.3187	406	3.60513	406	39.60962
--	16.10692	407	11.15849	407	3.40448	407	37.86354
--	16.06074	408	16.2439	408	2.81203	408	37.74342
--	17.5109	409	10.90954	409	2.5759	409	36.66424
--	22.12962	410	2.30826	410	5.68872	410	36.59864
		411	0.56917	411	8.22763	411	35.72077
		412	4.00444	412	11.26772	412	37.14269
		413	3.38411	413	11.46326	413	39.97317
		414	3.18265	414	10.31647	414	39.49714
		415	6.18055	415	11.20552	415	34.50873
				416	7.14377	416	34.54007
				417	4.46282	417	37.81352
				418	5.02146	418	38.14053
				419	2.97804	419	36.79823
				420	2.47763	420	36.2982
				421	6.26227	421	33.78775
				422	7.69886	422	28.99063
				423	10.73969	423	32.95078
				424	8.96086	424	39.53597
				425	7.5929	425	39.41827
				426	6.7806	426	35.11727
				427	3.37623	427	35.03596
				428	4.68464	428	36.91675

429	-0.4644	429	34.81026
430	1.8671	430	34.52253
431	8.36121	431	34.03461
432	11.43433	432	28.25336
433	8.02396	433	29.75021
434	7.57091	434	32.29704
435	8.43424	435	31.41565
436	7.85488	436	29.4093
437	9.0491	437	27.16757
438	9.81537	438	25.57212
439	8.80082	439	26.78883
440	6.3225	440	29.40173
441	8.88899	441	29.80032
442	10.15649	442	27.6358
443	7.68896	443	25.00438
444	8.13173	444	28.42923
445	8.0467	445	30.16371
446	4.60546	446	32.77215
447	4.81004	447	36.96231
448	5.39824	448	29.47247
449	10.66383	449	29.06053
450	10.25426	450	26.08428
451	8.14952	451	27.43461
452	8.72884	452	29.85653
453	7.38421	453	28.65617
454	10.07265	454	26.15939
455	6.8507	455	25.14257
456	3.78667	456	28.69196
457	5.05931	457	30.661
458	6.78766	458	26.78955
459	17.24469	459	24.59909
460	19.3652	460	26.28317
461	11.71063	461	25.98912
462	11.29477	462	18.90701
463	15.70235	463	23.62053
464	13.04197	464	29.413
465	8.84256	465	31.95963
466	10.95997	466	28.21383
467	10.48452	467	26.72549
468	12.2964	468	30.37959
469	11.07455	469	26.27196
470	9.48817	470	24.98318
471	9.9384	471	27.41789
472	9.17311	472	28.42944
473	10.11844	473	28.27051
474	10.26189	474	29.71828
475	11.36347	475	30.32132
476	12.952	476	26.82328
477	13.28252	477	25.32952
478	11.36867	478	25.78332
479	10.04182	479	27.69586
480	11.20452	480	26.94703
481	13.28044	481	25.02524
482	12.49809	482	24.68816

483	12.78477	483	25.96127
484	9.60802	484	25.50432
485	8.09382	485	26.15529
486	-0.00346	486	28.62285
487	4.69888	487	21.66643
488	11.8799	488	18.02143
489	7.92956	489	21.97281
490	6.84097	490	18.68305
491	6.17165	491	18.29257
492	6.23618	492	18.81302
493	9.40628	493	19.11321
494	5.63404	494	20.32851
495	2.5856	495	17.46376
496	5.40466	496	16.82611
497	4.70504	497	18.76813
498	5.30873	498	18.63593
499	7.49487	499	15.93324
500	8.23549	500	15.83905
501	8.20582	501	15.80144
502	10.71554	502	15.6653
503	10.80695	503	17.95285
504	7.2246	504	18.11365
505	5.12931	505	18.0987
506	14.66348	506	19.31196
507	14.65817	507	15.5937
508	10.82184	508	13.56466
509	10.17258	509	13.93886
510	6.49182	510	17.00592
511	4.11968	511	17.08774
512	1.70949	512	13.60307
513	6.79153	513	15.15489
514	3.66589	514	10.82397
515	2.07811	515	14.40885
516	2.48991	516	21.82825
517	4.92215	517	13.43654
518	4.98821	518	9.63472
519	5.01642	519	12.14706
520	4.88805	520	17.7502
521	3.62986	521	15.74509
522	5.30619	522	15.40357
523	5.59375	523	15.01804
524	5.45677	524	8.14712
525	7.40989	525	13.30527
526	8.58698	526	21.61763
527	7.72681	527	16.45971
528	20.06382	528	17.88154
529	18.87789	529	10.72268
530	6.40529	530	9.98624
531	9.66365	531	18.13772
532	9.35178	532	19.99149
533	8.66252	533	19.88346
534	7.70873	534	16.8249
535	6.07519	535	18.9615
536	7.5517	536	19.91194

537	0.59836	537	15.28899
538	0.45163	538	14.851
539	4.49196	539	15.51373
540	5.66367	540	15.4616
541	7.16475	541	14.81997
542	6.85698	542	16.06017
543	4.35229	543	15.46118
544	5.56107	544	12.56449
545	5.40417	545	12.13493
546	7.31176	546	14.80513
547	7.47483	547	15.87155
548	5.34129	548	14.20377
549	4.88797	549	12.32863
550	6.62384	550	13.41566
551	9.43424	551	15.77697
552	9.13129	552	16.9735
553	8.19439	553	14.86422
554	8.38039	554	21.83514
555	6.46633	555	15.53711
556	7.42398	556	13.83662
557	6.01581	557	13.39378
558	5.52731	558	13.83207
559	13.20119	559	12.71059
560	11.69043	560	13.51366
561	3.10592	561	9.99662
562	2.92389	562	11.79745
563	5.35155	563	13.63602
564	7.67985	564	12.62516
565	10.56885	565	14.11214
566	7.56187	566	15.95656
567	6.84703	567	14.90911
568	9.25386	568	15.54191
569	8.30119	569	17.72341
570	7.61321	570	16.62717
571	6.7337	571	16.14043
572	6.56003	572	14.041
573	9.10467	573	9.46176
574	9.91455	574	9.80376
575	12.17081	575	11.70546
576	10.14057	576	12.65703
577	10.13162	577	13.40567
578	10.51176	578	12.95185
579	16.80935	579	14.06396
580	22.5793	580	14.50643
581	12.63211	581	15.93
582	15.63418	582	13.93359
583	15.11718	583	9.98434
584	10.78872	584	8.65134
585	10.54749	585	9.18151
586	9.7105	586	8.60763
587	8.63182	587	7.70092
588	8.43768	588	11.32289
589	2.4867	589	8.52821
590	0.79857	590	10.35168

591	11.93071	591	10.90801
592	17.50482	592	6.05611
593	13.84253	593	5.93925
594	12.50018	594	7.96527
595	10.8753	595	11.57666
596	10.0094	596	12.34613
597	11.6845	597	12.60661
598	9.93363	598	10.51004
599	10.92815	599	10.50579
600	11.11061	600	9.71125
601	13.10647	601	6.15589
602	12.83906	602	9.28062
603	10.69125	603	9.15375
604	5.76374	604	11.62572
605	13.60745	605	10.23635
606	13.71376	606	6.96401
607	10.22664	607	5.15344
608	7.85359	608	3.19874
609	7.90536	609	4.91318
610	10.52735	610	6.15356
611	11.0697	611	11.04569
612	10.61524	612	10.35599
613	7.85922	613	2.25464
614	9.50703	614	3.02255
615	7.75953	615	13.35118
616	7.83853	616	8.24058
617	8.40552	617	7.09013
618	9.43116	618	12.89773
619	11.11779	619	12.51257
620	11.02757	620	16.60856
621	8.15817	621	15.6341
622	7.28216	622	11.38706
623	10.08311	623	11.72461
624	8.98523	624	11.83573
625	8.90524	625	11.65296
626	9.58415	626	10.93753
627	10.62191	627	10.5848
628	9.96389	628	13.21758
629	9.42444	629	12.58629
630	10.90276	630	12.26566
631	15.81175	631	10.94651
632	16.41077	632	11.15923
633	13.84011	633	13.34102
634	9.05828	634	12.70023
635	8.86228	635	14.63848
636	10.85605	636	13.92183
637	10.44006	637	11.19209
638	12.70879	638	14.39803
		639	14.045
		640	10.50464
		641	10.4441
		642	11.65517
		643	13.87357
		644	12.78613

645	15.95166
646	17.05603
647	13.49089
648	14.93265
649	11.93419
650	13.2536
651	12.80805
652	13.31257
653	15.69062
654	14.04485
655	14.50643
656	13.46308
657	12.93592
658	10.89659
659	11.63587
660	15.71487
661	14.3303
662	12.09514
663	14.28274
664	13.31793
665	10.89721
666	12.50849
667	13.42065
668	13.46944
669	13.38189
670	11.81913
671	14.38202
672	14.21351
673	12.4462
674	13.57501
675	12.87599

Total heat release					CO2 Producti		
	0	5	10	15		0	5
Time	THR	THR	THR	THR	Time	CO2P	CO2P
0	0.25103	0.09452	0.15414	0.03411	0	0.00306	0.00522
1	0.27686	0.09559	0.16059	0.03834	1	0.00363	0.00563
2	0.29618	0.10041	0.16613	0.0432	2	0.00339	0.0051
3	0.30906	0.10411	0.17306	0.04532	3	0.00388	0.00609
4	0.31618	0.10549	0.17881	0.04714	4	0.00312	0.00515
5	0.31994	0.10744	0.18414	0.04691	5	0.00345	0.0049
6	0.3197	0.10942	0.18956	0.04703	6	0.00369	0.00561
7	0.32111	0.11192	0.19095	0.04853	7	0.00379	0.0052
8	0.32757	0.1149	0.19287	0.0514	8	0.00397	0.00563
9	0.34621	0.11875	0.19333	0.05451	9	0.00425	0.00567
10	0.37559	0.12138	0.19467	0.0575	10	0.00371	0.00558
11	0.41164	0.1221	0.19866	0.05912	11	0.00382	0.00565
12	0.45551	0.12403	0.20148	0.06061	12	0.00347	0.0053
13	0.50096	0.12867	0.20546	0.0643	13	0.00418	0.005
14	0.53904	0.13033	0.21041	0.06429	14	0.0037	0.00534
15	0.57082	0.13306	0.2134	0.06622	15	0.00318	0.00499
16	0.59414	0.13434	0.21507	0.06935	16	0.00354	0.00578
17	0.60612	0.13881	0.21678	0.07264	17	0.00378	0.00546
18	0.60952	0.14107	0.21978	0.07407	18	0.00353	0.00579
19	0.60825	0.14268	0.22267	0.07684	19	0.00348	0.00549
20	0.60949	0.14393	0.22537	0.08178	20	0.0031	0.00587
21	0.62049	0.14432	0.22865	0.0856	21	0.00356	0.00528
22	0.64036	0.14441	0.23233	0.0899	22	0.00308	0.00526
23	0.6729	0.14478	0.23733	0.09597	23	0.0035	0.00533
24	0.71517	0.14612	0.23978	0.10164	24	0.00336	0.00517
25	0.75766	0.14688	0.24031	0.10232	25	0.00295	0.00522
26	0.80041	0.14707	0.24256	0.10299	26	0.00335	0.00585
27	0.84155	0.14755	0.24359	0.10582	27	0.00267	0.00647
28	0.87754	0.14782	0.24628	0.1107	28	0.00318	0.00618
29	0.90396	0.14843	0.24856	0.11627	29	0.0037	0.00623
30	0.92112	0.15173	0.2514	0.12166	30	0.00309	0.00571
31	0.93276	0.15443	0.25328	0.12781	31	0.00345	0.00592
32	0.94403	0.15609	0.25706	0.13427	32	0.00326	0.0066
33	0.96095	0.15808	0.27416	0.14034	33	0.00327	0.0069
34	0.98584	0.16069	0.29342	0.14195	34	0.00279	0.00665
35	1.01793	0.16075	0.29481	0.14499	35	0.00279	0.00699
36	1.04982	0.16109	0.29596	0.15181	36	0.00317	0.00668
37	1.08898	0.1626	0.29657	0.15892	37	0.00311	0.00621
38	1.13475	0.16572	0.29722	0.16473	38	0.00301	0.00518
39	1.17463	0.1691	0.29982	0.1685	39	0.00332	0.00524
40	1.20588	0.17045	0.30213	0.17504	40	0.00302	0.00574
41	1.22466	0.17155	0.30255	0.18363	41	0.00278	0.00598
42	1.23052	0.1731	0.30333	0.19426	42	0.00301	0.0065
43	1.24218	0.17422	0.30402	0.2065	43	0.00308	0.0061
44	1.2794	0.17426	0.30601	0.21571	44	0.00286	0.00565
45	1.31973	0.1783	0.30975	0.22554	45	0.00264	0.00612
46	1.35736	0.17875	0.31658	0.23701	46	0.00334	0.0059
47	1.40355	0.18303	0.31657	0.24659	47	0.00333	0.00562
48	1.4491	0.18508	0.32009	0.25752	48	0.00323	0.0054
49	1.49606	0.19211	0.32454	0.26985	49	0.00331	0.00586
50	1.53441	0.19848	0.32448	0.28275	50	0.00559	0.00606

51	1.56318	0.20068	0.32488	0.29425	51	0.00264	0.00575
52	1.58621	0.20204	0.32517	0.3021	52	0.0028	0.00582
53	1.60419	0.20293	0.32761	0.31006	53	0.00306	0.00576
54	1.63863	0.20331	0.33147	0.31832	54	0.00313	0.00578
55	1.67727	0.20397	0.33442	0.32592	55	0.00338	0.00554
56	1.70984	0.2057	0.33656	0.33539	56	0.00341	0.00598
57	1.7576	0.20884	0.33769	0.34815	57	0.00257	0.00545
58	1.82043	0.21059	0.33776	0.36221	58	0.00321	0.00542
59	1.88103	0.21362	0.33883	0.37288	59	0.00282	0.00583
60	1.93393	0.21626	0.34066	0.38343	60	0.00281	0.00514
61	1.98375	0.21734	0.34546	0.39535	61	0.00309	0.00592
62	2.02911	0.21988	0.34579	0.40542	62	0.00362	0.00557
63	2.06534	0.22311	0.34653	0.41604	63	0.00365	0.00534
64	2.09234	0.22696	0.34805	0.42968	64	0.00302	0.00498
65	2.11882	0.23199	0.34981	0.44081	65	0.00346	0.00577
66	2.14514	0.23718	0.35166	0.45039	66	0.00328	0.00556
67	2.1722	0.24047	0.35268	0.46179	67	0.00405	0.00576
68	2.1885	0.2429	0.35556	0.47328	68	0.00381	0.00599
69	2.20894	0.24489	0.36051	0.48717	69	0.00316	0.00577
70	2.24625	0.24835	0.36633	0.5012	70	0.00409	0.00582
71	2.29622	0.25538	0.36987	0.51238	71	0.00338	0.00634
72	2.36048	0.26632	0.37395	0.5211	72	0.00303	0.00579
73	2.43586	0.2771	0.37782	0.52812	73	0.00363	0.0059
74	2.52569	0.28831	0.38209	0.53617	74	0.00365	0.00682
75	2.6265	0.30425	0.38589	0.54763	75	0.00368	0.00541
76	2.73694	0.32577	0.38825	0.55718	76	0.00369	0.00456
77	2.85526	0.35176	0.39435	0.56506	77	0.00323	0.00614
78	2.9896	0.38589	0.40056	0.57429	78	0.00247	0.00535
79	3.14364	0.43085	0.40318	0.5857	79	0.00295	0.00614
80	3.29955	0.48033	0.40555	0.59606	80	0.00335	0.00493
81	3.4654	0.53648	0.40952	0.60798	81	0.00313	0.00583
82	3.64927	0.60531	0.42038	0.61884	82	0.00329	0.00572
83	3.85015	0.68726	0.42558	0.6252	83	0.00321	0.00591
84	4.06692	0.78074	0.42573	0.62916	84	0.00262	0.00635
85	4.29577	0.88449	0.42755	0.63247	85	0.00247	0.00656
86	4.54036	0.99929	0.43135	0.64128	86	0.0025	0.00594
87	4.82705	1.12505	0.43203	0.66211	87	0.00304	0.00517
88	5.12196	1.25644	0.43225	0.68094	88	0.00255	0.00548
89	5.39603	1.39648	0.43249	0.69095	89	0.00263	0.00618
90	5.67291	1.54502	0.43523	0.69816	90	0.00276	0.00603
91	5.93672	1.70384	0.43848	0.70341	91	0.00264	0.00599
92	6.19441	1.86951	0.44209	0.70986	92	0.00308	0.00675
93	6.44434	2.03493	0.44519	0.71865	93	0.00315	0.00742
94	6.67413	2.20432	0.45085	0.72567	94	0.00325	0.00683
95	6.89256	2.37841	0.46003	0.73354	95	0.00256	0.0069
96	7.09822	2.55499	0.4702	0.74055	96	0.0032	0.00649
97	7.30114	2.73547	0.48157	0.74498	97	0.00266	0.00694
98	7.50208	2.91638	0.49251	0.7495	98	0.003	0.007
99	7.68472	3.09822	0.50096	0.75396	99	0.00289	0.00749
100	7.86316	3.28464	0.5087	0.75514	100	0.00292	0.00829
101	8.04212	3.46992	0.52002	0.75727	101	0.00252	0.00843
102	8.20958	3.65742	0.53887	0.7667	102	0.00255	0.00852
103	8.36463	3.84711	0.56006	0.77629	103	0.00372	0.01041
104	8.50468	4.03174	0.58187	0.78561	104	0.00551	0.00841

105	8.63726	4.21626	0.60342	0.79489
106	8.73908	4.40309	0.62828	0.80235
107	8.83045	4.59271	0.65919	0.81209
108	8.94029	4.77968	0.69407	0.82578
109	9.02414	4.96553	0.73274	0.83561
110	9.10048	5.152	0.7726	0.84357
111	9.19198	5.33897	0.81347	0.85472
112	9.3104	5.52483	0.85903	0.86724
113	9.41039	5.70945	0.90949	0.87677
114	9.49512	5.89133	0.96213	0.886
115	9.58073	6.07487	1.01687	0.89394
116	9.66042	6.26066	1.08091	0.90263
117	9.7457	6.44695	1.14867	0.91257
118	9.82932	6.62968	1.21838	0.92252
119	9.91215	6.8147	1.29156	0.93191
120	9.98891	6.99725	1.37019	0.94231
121	10.04665	7.18067	1.45184	0.95405
122	10.10816	7.36453	1.53556	0.96414
123	10.18174	7.5482	1.62215	0.97514
124	10.27195	7.72909	1.71116	0.98757
125	10.3727	7.90955	1.80375	0.99807
126	10.47451	8.09222	1.90074	1.00947
127	10.5705	8.26551	2.00014	1.0232
128	10.64672	8.43938	2.10077	1.03475
129	10.71567	8.61106	2.20495	1.04482
130	10.78597	8.78218	2.31415	1.05391
131	10.85315	8.95611	2.42547	1.06423
132	10.92421	9.12484	2.53639	1.07447
133	11.00093	9.29318	2.65	1.08431
134	11.08682	9.45797	2.76505	1.09362
135	11.18483	9.62145	2.88324	1.10211
136	11.29356	9.77905	3.00379	1.109
137	11.40576	9.93872	3.12096	1.11593
138	11.52045	10.0996	3.23788	1.12218
139	11.62887	10.25616	3.35683	1.1279
140	11.72785	10.41126	3.47796	1.13664
141	11.81972	10.56434	3.5973	1.1456
142	11.89973	10.71584	3.71475	1.15414
143	11.97137	10.86344	3.83206	1.16277
144	12.0441	11.01234	3.95065	1.17132
145	12.11646	11.16204	4.06791	1.17778
146	12.19286	11.31012	4.18276	1.18262
147	12.28262	11.4543	4.30091	1.18908
148	12.37996	11.58967	4.42242	1.19804
149	12.48217	11.72223	4.53866	1.20625
150	12.58634	11.85504	4.65498	1.20977
151	12.68916	11.99892	4.77248	1.21354
152	12.78061	12.13315	4.88846	1.22057
153	12.86062	12.25755	5.00335	1.22798
154	12.93118	12.38885	5.11705	1.23422
155	12.99069	12.5206	5.23258	1.23835
156	13.03679	12.64954	5.34664	1.24665
157	13.067	12.77197	5.45726	1.25682
158	13.09153	12.88961	5.5663	1.266

105	0.00323	0.00911
106	0.00313	0.00872
107	0.00297	0.00951
108	0.0179	0.00968
109	0.02637	0.01056
110	0.02714	0.00995
111	0.02831	0.01138
112	0.02924	0.01047
113	0.03033	0.01082
114	0.0313	0.01102
115	0.03152	0.01086
116	0.03202	0.01127
117	0.03324	0.01107
118	0.03313	0.01147
119	0.03505	0.01173
120	0.03263	0.0114
121	0.03369	0.01198
122	0.03409	0.01164
123	0.0345	0.01173
124	0.03335	0.01168
125	0.03441	0.01167
126	0.03428	0.01233
127	0.03427	0.01232
128	0.03439	0.01065
129	0.03619	0.01198
130	0.0324	0.01253
131	0.03522	0.01207
132	0.03438	0.01127
133	0.03523	0.01213
134	0.0342	0.01256
135	0.03535	0.01222
136	0.03467	0.01207
137	0.03472	0.01248
138	0.03486	0.01189
139	0.03531	0.01227
140	0.03515	0.01135
141	0.03454	0.01222
142	0.03436	0.01247
143	0.03462	0.01296
144	0.03376	0.01224
145	0.03371	0.01347
146	0.03467	0.01205
147	0.0336	0.01144
148	0.03336	0.0103
149	0.03351	0.01205
150	0.03347	0.01258
151	0.03278	0.01214
152	0.03202	0.01162
153	0.03233	0.01227
154	0.03136	0.01229
155	0.03241	0.0121
156	0.03206	0.0124
157	0.03147	0.01244
158	0.03077	0.01266

159	13.11955	13.00853	5.67774	1.27265
160	13.152	13.12791	5.78762	1.27749
161	13.19529	13.24827	5.89536	1.28808
162	13.23899	13.36642	6.0002	1.30241
163	13.2893	13.47866	6.10538	1.31547
164	13.34503	13.58531	6.20894	1.32576
165	13.40301	13.69151	6.3158	1.33481
166	13.47091	13.7945	6.42112	1.3466
167	13.53856	13.89417	6.52224	1.36505
168	13.59457	14.00049	6.62275	1.38365
169	13.63667	14.11004	6.72161	1.39927
170	13.66869	14.21392	6.81705	1.4168
171	13.69672	14.31367	6.91372	1.44169
172	13.71546	14.41277	7.00912	1.4692
173	13.72966	14.51786	7.10304	1.49517
174	13.74876	14.61809	7.19632	1.52274
175	13.77781	14.71697	7.28842	1.55124
176	13.81236	14.81711	7.38032	1.58257
177	13.85971	14.91184	7.46245	1.61942
178	13.90959	15.00456	7.54484	1.66
179	13.96137	15.09472	7.62973	1.70361
180	14.01387	15.18411	7.7165	1.74862
181	14.06427	15.26782	7.79847	1.79437
182	14.09972	15.34907	7.88017	1.83475
183	14.12576	15.43356	7.96595	1.88025
184	14.13932	15.52017	8.04896	1.93145
185	14.15448	15.6089	8.13018	1.98316
186	14.18404	15.69605	8.21009	2.03853
187	14.22297	15.78133	8.28869	2.09508
188	14.27138	15.86467	8.36823	2.15051
189	14.32343	15.94606	8.44698	2.20565
190	14.3988	16.02745	8.51996	2.26004
191	14.46721	16.11049	8.59421	2.31512
192	14.50524	16.19479	8.67055	2.36997
193	14.5367	16.27796	8.74407	2.42605
194	14.55274	16.36076	8.81748	2.48185
195	14.56249	16.44087	8.89321	2.53652
196	14.57388	16.51963	8.9653	2.58711
197	14.59155	16.59687	9.03513	2.6343
198	14.61902	16.67163	9.10723	2.684
199	14.65758	16.74411	9.17794	2.73435
200	14.7021	16.81493	9.24618	2.78293
201	14.74461	16.88866	9.31247	2.83074
202	14.78398	16.96143	9.37837	2.87857
203	14.8129	17.03003	9.44369	2.92672
204	14.83574	17.09716	9.50759	2.97104
205	14.85295	17.16157	9.57561	3.01121
206	14.86704	17.2267	9.64414	3.05323
207	14.88419	17.29113	9.70609	3.09488
208	14.90755	17.35497	9.76957	3.13622
209	14.94275	17.41683	9.83199	3.17767
210	14.97861	17.47591	9.8916	3.21904
211	15.01738	17.53356	9.94978	3.26106
212	15.06017	17.5897	10.00802	3.29945

159	0.03353	0.01235
160	0.02982	0.01235
161	0.02977	0.01333
162	0.02914	0.01236
163	0.02974	0.01184
164	0.03036	0.01217
165	0.0293	0.0121
166	0.02928	0.01227
167	0.02813	0.01319
168	0.02751	0.01385
169	0.02659	0.01253
170	0.02702	0.01264
171	0.02622	0.01279
172	0.02639	0.01248
173	0.02535	0.01158
174	0.02514	0.01183
175	0.02493	0.01231
176	0.02465	0.01301
177	0.02463	0.01408
178	0.02429	0.01257
179	0.02527	0.01247
180	0.02386	0.01187
181	0.02428	0.01242
182	0.02337	0.01114
183	0.02293	0.01106
184	0.02259	0.01024
185	0.02224	0.0118
186	0.02172	0.01134
187	0.02163	0.01109
188	0.02133	0.01123
189	0.0215	0.01135
190	0.02078	0.0103
191	0.0206	0.01095
192	0.02035	0.01109
193	0.02033	0.01071
194	0.01998	0.01048
195	0.02023	0.01034
196	0.0203	0.01109
197	0.01997	0.01065
198	0.01766	0.00993
199	0.01967	0.01026
200	0.0193	0.01048
201	0.01852	0.00993
202	0.01899	0.00996
203	0.01962	0.00996
204	0.01872	0.01028
205	0.01877	0.0096
206	0.01847	0.0095
207	0.01824	0.00974
208	0.0184	0.00975
209	0.01851	0.00976
210	0.0176	0.00954
211	0.01729	0.01039
212	0.01716	0.0104

213	15.10084	17.64256	10.06587	3.33554
214	15.13218	17.69059	10.11917	3.37377
215	15.14749	17.73864	10.17496	3.41744
216	15.15692	17.78364	10.23266	3.45755
217	15.16245	17.82614	10.28735	3.49843
218	15.16846	17.86617	10.34148	3.54455
219	15.17098	17.90432	10.396	3.59452
220	15.18272	17.94312	10.45052	3.64815
221	15.22171	17.97966	10.50523	3.70044
222	15.26402	18.01334	10.55801	3.75281
223	15.31315	18.04239	10.60994	3.80743
224	15.35248	18.07106	10.66179	3.86548
225	15.3843	18.09988	10.71433	3.92466
226	15.41349	18.12384	10.76054	3.98664
227	15.43332	18.14504	10.80767	4.04894
228	15.44456	18.16566	10.85796	4.11315
229	15.44976	18.18355	10.90748	4.1813
230	15.45883	18.20069	10.95759	4.24782
231	15.47646	18.21751	11.0077	4.31501
232	15.49986	18.22157	11.05748	4.3848
233	15.52961	18.22487	11.1067	4.45323
234	15.57003	18.23554	11.15446	4.5185
235	15.6191	18.24444	11.20101	4.58189
236	15.66935	18.25443	11.24798	4.64729
237	15.71546	18.2645	11.29184	4.71673
238	15.75651	18.27406	11.33513	4.78388
239	15.79108	18.27837	11.38434	4.85303
240	15.82054	18.28074	11.43684	4.92112
241	15.83811	18.28198	11.48967	4.99033
242	15.84653	18.28873	11.54916	5.0611
243	15.86299	18.29285	11.60833	5.13095
244	15.88015	18.30364	11.66843	5.19799
245	15.90269	18.31258	11.71845	5.26304
246	15.93389	18.31479	11.76437	5.32877
247	15.96707	18.31529	11.8089	5.39569
248	16.01231	18.31602	11.85497	5.46279
249	16.06669	18.32191	11.89904	5.52834
250	16.15157	18.32912	11.9423	5.59342
251	16.23997	18.33243	11.98448	5.65721
252	16.29926	18.33828	12.02959	5.72082
253	16.3369	18.34551	12.07711	5.78364
254	16.35132	18.35157	12.12347	5.84625
255	16.36345	18.35763	12.16897	5.90223
256	16.38327	18.36176	12.21171	5.96288
257	16.40395	18.36611	12.25519	6.02645
258	16.41593	18.3724	12.29805	6.08931
259	16.42006	18.37766	12.34152	6.15191
260	16.42461	18.38236	12.38561	6.21294
261	16.43658	18.38637	12.42924	6.27574
262	16.46121	18.39091	12.47272	6.33901
263	16.50089	18.39382	12.51423	6.40343
264	16.54527	18.3992	12.55572	6.46603
265	16.6009	18.40588	12.59784	6.52458
266	16.66317	18.41147	12.64021	6.58223

213	0.01664	0.00913
214	0.01745	0.00987
215	0.01622	0.00899
216	0.01605	0.00925
217	0.01551	0.0092
218	0.01363	0.00975
219	0.0152	0.01049
220	0.01507	0.00923
221	0.01399	0.0094
222	0.01455	0.00839
223	0.01411	0.00874
224	0.01339	0.00902
225	0.01345	0.01056
226	0.01317	0.00923
227	0.01181	0.00906
228	0.0114	0.00919
229	0.01201	0.00922
230	0.01118	0.0087
231	0.01044	0.0086
232	0.01002	0.00878
233	0.00968	0.00835
234	0.01047	0.00861
235	0.00912	0.00815
236	0.00869	0.0086
237	0.00925	0.00846
238	0.00781	0.00772
239	0.00849	0.00808
240	0.00928	0.00835
241	0.00833	0.00781
242	0.00741	0.00822
243	0.00744	0.00733
244	0.0067	0.00783
245	0.00547	0.00831
246	0.0065	0.00716
247	0.00611	0.00779
248	0.00573	0.00726
249	0.0054	0.00691
250	0.00509	0.00783
251	0.00409	0.00718
252	0.00471	0.00745
253	0.00434	0.00747
254	0.0028	0.00815
255	0.00789	0.00785
256	0.00387	0.00803
257	0.00342	0.00705
258	0.00354	0.008
259	0.00348	0.0081
260	0.0033	0.00722
261	0.00288	0.00807
262	0.00288	0.00793
263	0.00303	0.00817
264	0.00276	0.00812
265	0.00296	0.00797
266	0.00269	0.0074

267	16.7243	18.41728	12.68008	6.64067
268	16.77906	18.42576	12.70834	6.69964
269	16.81683	18.43506	12.73664	6.75634
270	16.84382	18.44562	12.77697	6.81068
271	16.86409	18.45308	12.81997	6.86657
272	16.8807	18.46266	12.8646	6.92303
273	16.88949	18.47377	12.90519	6.98165
274	16.88947	18.47981	12.94518	7.04088
275	16.89599	18.48635	12.98493	7.09819
276	16.90904	18.49172	13.02211	7.15389
277	16.93314	18.49559	13.06103	7.21005
278	16.9748	18.50191	13.09873	7.2647
279	17.01938	18.50551	13.13684	7.31956
280	17.07122	18.50853	13.17445	7.3753
281	17.12581	18.50843	13.21233	7.42894
282	17.17641	18.51214	13.24927	7.48315
283	17.22205	18.51761	13.28689	7.53782
284	17.25832	18.52513	13.32389	7.59033
285	17.29351	18.52824	13.36189	7.64208
286	17.31672	18.53468	13.40256	7.69583
287	17.33123	18.54277	13.44155	7.74662
288	17.34141	18.54989	13.47375	7.79866
289	17.3467	18.55863	13.5057	7.85022
290	17.36346	18.5688	13.54312	7.89769
291	17.3866	18.57694	13.57855	7.9485
292	17.41034	18.58235	13.61373	8.00271
293	17.44719	18.58973	13.6473	8.05531
294	17.49713	18.60265	13.67898	8.10598
295	17.54898	18.61553	13.71072	8.15695
296	17.59272	18.62238	13.74325	8.20783
297	17.63398	18.62788	13.77698	8.2569
298	17.67697	18.63496	13.80949	8.30465
299	17.70898	18.64198	13.84079	8.35248
300	17.72239	18.6522	13.87313	8.39938
301	17.73358	18.66137	13.91152	8.44807
302	17.74888	18.66667	13.94452	8.49761
303	17.7671	18.67366	13.97411	8.54218
304	17.78815	18.68097	14.0041	8.58398
305	17.81554	18.68692	14.03517	8.62908
306	17.84649	18.6935	14.06542	8.67489
307	17.8916	18.69875	14.09544	8.71972
308	17.9428	18.70751	14.12475	8.7628
309	17.9914	18.71873	14.15274	8.81124
310	18.03809	18.73121	14.18093	8.8587
311	18.06967	18.73771	14.20623	8.90064
312	18.09519	18.75212	14.2305	8.94374
313	18.11809	18.76668	14.25507	8.9887
314	18.12553	18.77157	14.28196	9.03138
315	18.14008	18.77764	14.3096	9.07406
316	18.17201	18.78509	14.33569	9.11596
317	18.21287	18.79175	14.3605	9.16035
318	18.25686	18.80056	14.38078	9.20629
319	18.30335	18.80615	14.40138	9.24968
320	18.35604	18.81358	14.42376	9.29209

267	0.00347	0.00763
268	0.00306	0.00792
269	0.00268	0.00846
270	0.00286	0.00821
271	0.00293	0.00755
272	0.00329	0.00689
273	0.00329	0.00639
274	0.00341	0.00727
275	0.00302	0.00717
276	0.0027	0.00669
277	0.00327	0.0064
278	0.00382	0.00685
279	0.00283	0.007
280	0.0049	0.00667
281	0.00369	0.00659
282	0.00384	0.00561
283	0.00313	0.00634
284	0.00296	0.00653
285	0.00376	0.00634
286	0.00401	0.00656
287	0.00334	0.0066
288	0.00337	0.00633
289	0.00323	0.00723
290	0.00348	0.00608
291	0.00363	0.00566
292	0.00384	0.00659
293	0.00382	0.00676
294	0.00352	0.00665
295	0.0035	0.00681
296	0.00333	0.00649
297	0.00406	0.00665
298	0.00427	0.00612
299	0.00325	0.00638
300	0.00401	0.00678
301	0.00548	0.0062
302	0.00334	0.00652
303	0.00307	0.00609
304	0.00305	0.00693
305	0.00392	0.00707
306	0.00308	0.00625
307	0.00378	0.00594
308	0.0031	0.00641
309	0.00281	0.00583
310	0.00312	0.006
311	0.00358	0.00602
312	0.00302	0.00614
313	0.00321	0.00662
314	0.00339	0.00606
315	0.00362	0.00584
316	0.00479	0.00637
317	0.00337	0.00624
318	0.00325	0.00637
319	0.00306	0.00658
320	0.00272	0.00676

321	18.40917	18.82395	14.44704	9.34123
322	18.44642	18.83223	14.47359	9.38802
323	18.47375	18.83924	14.49934	9.4293
324	18.49979	18.84929	14.52759	9.46947
325	18.52005	18.85203	14.55428	9.507
326	18.53805	18.85702	14.57898	9.54531
327	18.54998	18.8653	14.60389	9.59214
328	18.57213	18.87409	14.6268	9.63522
329	18.60499	18.88263	14.64997	9.67742
330	18.65272	18.8938	14.67524	9.71942
331	18.70235	18.90294	14.70012	9.75858
332	18.75312	18.90298	14.7236	9.79777
333	18.81474	18.90555	14.74691	9.83481
334	18.87298	18.91458	14.76914	9.8723
335	18.92684	18.92486	14.79277	9.90741
336	18.97679	18.93424	14.81543	9.94868
337	19.00325	18.94214	14.83507	9.98854
338	19.01873	18.94976	14.85456	10.02032
339	19.04193	18.95895	14.87565	10.05215
340	19.05886	18.96759	14.89541	10.08594
341	19.07229	18.97431	14.91484	10.12036
342	19.09201	18.98179	14.93484	10.15459
343	19.12003	18.98844	14.95375	10.18821
344	19.16008	18.99551	14.97355	10.22385
345	19.20998	19.00352	14.99616	10.26118
346	19.2578	19.01398	15.01464	10.29253
347	19.3146	19.0197	15.0327	10.31843
348	19.37639	19.02541	15.0493	10.35247
349	19.4387	19.0314	15.06674	10.38732
350	19.49711	19.03754	15.08301	10.42189
351	19.54503	19.04526	15.09867	10.45898
352	19.57823	19.05504	15.11751	10.49726
353	19.59482	19.06589	15.13819	10.53484
354	19.6061	19.07482	15.15979	10.57093
355	19.61798	19.07931	15.17927	10.60702
356	19.63726	19.08388	15.19824	10.64286
357	19.65713	19.08783	15.21736	10.68104
358	19.68538	19.09083	15.23419	10.71876
359	19.71381	19.09383	15.25545	10.75569
360	19.7472	19.09658	15.27855	10.79676
361	19.80005	19.10057	15.29848	10.83761
362	19.85531	19.10676	15.31792	10.88027
363	19.91831	19.10924	15.33698	10.92412
364	19.98907	19.11003	15.35639	10.96637
365	20.05567	19.11222	15.3727	11.00806
366	20.0981	19.11564	15.39074	11.04632
367	20.11604	19.11719	15.40809	11.08612
368	20.11634	19.12145	15.42369	11.12943
369	20.12947	19.12346	15.43836	11.17184
370	20.15057	19.12432	15.45376	11.21219
371	20.17349	19.13259	15.46864	11.25183
372	20.20876	19.13581	15.48425	11.29229
373	20.24751	19.13884	15.49898	11.33432
374	20.28904	19.14281	15.51426	11.37369

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322	0.00298	0.00645
323	0.0034	0.00654
324	0.00357	0.00661
325	0.00299	0.00728
326	0.00309	0.00601
327	0.00356	0.00632
328	0.00396	0.00745
329	0.00344	0.00688
330	0.00532	0.00641
331	0.00421	0.00694
332	0.00398	0.00578
333	0.0031	0.0062
334	0.00413	0.00585
335	0.00364	0.00612
336	0.00287	0.00658
337	0.00313	0.00721
338	0.00359	0.00566
339	0.00355	0.00641
340	0.00384	0.00601
341	0.00404	0.00581
342	0.00345	0.0061
343	0.00359	0.00596
344	0.00358	0.00535
345	0.00332	0.00616
346	0.00325	0.0059
347	0.0043	0.00598
348	0.00321	0.00595
349	0.00339	0.006
350	0.00367	0.00548
351	0.00321	0.00614
352	0.00306	0.00592
353	0.00292	0.00656
354	0.00307	0.00614
355	0.00357	0.00692
356	0.00324	0.00601
357	0.0029	0.0061
358	0.00446	0.00631
359	0.00271	0.00661
360	0.00322	0.00652
361	0.00295	0.00631
362	0.00305	0.00648
363	0.00302	0.0065
364	0.00273	0.00601
365	0.00303	0.00604
366	0.0033	0.00679
367	0.00295	0.00604
368	0.00275	0.0057
369	0.00363	0.0059
370	0.00314	0.00617
371	0.00301	0.00579
372	0.00315	0.00592
373	0.00341	0.0061
374	0.00317	0.00538

375	20.34557	19.14669	15.52946	11.41091
376	20.42642	19.15181	15.54113	11.44815
377	20.49917	19.15894	15.55232	11.48333
378	20.55664	19.16542	15.56402	11.51844
379	20.60502	19.17015	15.5744	11.5546
380	20.64051	19.1747	15.58531	11.59349
381	20.67362	19.17777	15.5987	11.63513
382	20.70129	19.18109	15.60805	11.67594
383	20.72369	19.1845	15.61716	11.71571
384	20.74551	19.18896	15.6262	11.75614
385	20.77715	19.19425	15.63214	11.79646
386	20.81164	19.20119	15.64696	11.8351
387	20.85523	19.20867	15.663	11.87222
388	20.90768	19.21456	15.66917	11.90949
389	20.95612	19.21939	15.67493	11.93264
390	20.9991	19.22474	15.67946	11.96453
391	21.02749	19.22876	15.6855	12.00471
392	21.0481	19.22939	15.69284	12.04323
393	21.06868	19.2324	15.6995	12.08296
394	21.07948	19.23706	15.70441	12.12182
395	21.086	19.24086	15.70944	12.15769
396	21.09742	19.24351	15.71387	12.19493
397	21.1154	19.24542	15.71796	12.22945
398	21.13976	19.24859	15.72239	12.26281
399	21.17998	19.25093	15.72889	12.29548
400	21.22629	19.2543	15.73493	12.33011
401	21.27398	19.25798	15.7388	12.36692
402	21.32111	19.26142	15.74588	12.40377
403	21.3682	19.26494	15.75393	12.44003
404	21.41017	19.26759	15.75785	12.47433
405	21.4437	19.27104	15.76132	12.51344
406	21.46639	19.27536	15.76493	12.55305
407	21.4825	19.28652	15.76833	12.59092
408	21.49856	19.30276	15.77114	12.62866
409	21.51607	19.31367	15.77372	12.66532
410	21.5382	19.31598	15.77941	12.70192
		19.31655	15.78764	12.73764
		19.32055	15.7989	12.77479
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		19.32712	15.82068	12.85426
		19.3333	15.83189	12.88877
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379	0.00312	0.00573
380	0.00238	0.0049
381	0.00327	0.00511
382	0.00297	0.00511
383	0.00274	0.0046
384	0.00341	0.00521
385	0.00331	0.00594
386	0.0035	0.00572
387	0.00344	0.00542
388	0.00376	0.00569
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391	0.00359	0.00567
392	0.00405	0.0052
393	0.00327	0.00552
394	0.00308	0.00578
395	0.00287	0.00519
396	0.00296	0.00537
397	0.00317	0.00575
398	0.00348	0.00501
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404	0.00301	0.00575
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407	0.00284	0.00544
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0.00341
0.00327
0.00407
0.00352
0.00306
0.00309
0.0032
0.00338
0.00314
0.00337
0.00261
0.00361
0.00326
0.00266
0.00314
0.00304
0.00292
0.00272
0.00278
0.0028