

beta=0.65

cavity	focusing period	length	energy [MeV]	power, 40 mA [kW]	comments
1	1	2.04	163.8	150.1	
2	1	4.08	167.9	165.9	
3	1	6.13	172.5	183.1	
4	2	8.17	177.1	185.7	
5	2	10.21	182.2	202.6	
6	2	12.25	187.7	220.4	
7	3	14.29	193.4	228.6	
8	3	16.33	199.6	246.2	
9	3	18.38	206.2	264.1	
10	4	20.42	213.2	282.1	
11	4	22.46	220.7	299.9	
12	4	24.50	228.6	317.3	
13	5	26.54	237.4	351.0	
14	5	28.58	246.6	368.2	
15	5	30.63	256.2	384.2	
16	6	32.67	267.3	442.3	
17	6	34.71	278.7	458.0	
18	6	36.75	290.5	471.4	
19	7	38.79	303.3	511.5	
20	7	40.83	316.3	521.5	
21	7	42.88	329.6	529.1	
22	8	44.92	342.9	534.6	
23	8	46.96	356.4	538.2	
24	8	49.00	369.9	540.2	
25	9	51.04	383.4	540.7	
26	9	53.08	396.9	540.0	
27	9	55.13	410.4	538.3	
28	10	57.17	423.8	535.8	
29	10	59.21	437.1	532.6	
30	10	61.25	450.3	528.9	
31	11	63.29	463.4	524.8	
32	11	65.33	476.4	520.3	
33	11	67.38	489.3	515.6	
34	12	69.42	502.1	510.7	
35	12	71.46	514.7	505.6	
36	12	73.50	527.3	500.5	
37	13	75.54	539.6	495.4	
38	13	77.58	551.9	490.2	
39	13	79.63	564.0	485.0	
40	14	81.67	576.0	479.9	
41	14	83.71	587.9	474.8	
42	14	85.75	599.6	469.8	
43	15	87.79	611.3	464.9	
44	15	89.83	622.8	460.0	
45	15	91.88	634.1	455.3	
46	16	93.92	645.4	450.6	
47	16	95.96	656.6	446.0	
48	16	98.00	667.6	441.5	
49	17	100.04	678.5	437.1	
50	17	102.08	689.3	432.8	
51	17	104.13	700.1	428.6	
52	18	106.17	710.7	424.5	
53	18	108.21	721.2	420.5	
54	18	110.25	731.6	416.6	

beta=1

cavity	focusing period	length	energy [MeV]	power, 40 mA [kW]	comments
1	19	112.13	742.4	430.9	
2	19	114.02	753.4	441.3	
3	19	115.90	764.7	451.7	
4	19	117.78	776.2	462.0	
5	19	119.66	788.0	472.3	
6	19	121.55	800.1	482.5	
7	19	123.43	812.4	492.6	
8	19	125.31	825.0	502.7	
9	20	127.19	839.1	565.4	
10	20	129.08	853.6	577.3	
11	20	130.96	868.3	589.1	
12	20	132.84	883.3	600.7	
13	20	134.73	898.6	612.1	
14	20	136.61	914.2	623.3	
15	20	138.49	930.0	634.3	
16	20	140.37	946.2	645.0	
17	21	142.26	962.7	661.8	
18	21	144.14	979.5	672.4	
19	21	146.02	996.6	682.6	
20	21	147.91	1013.9	692.6	
21	21	149.79	1031.5	702.4	
22	21	151.67	1049.3	711.9	
23	21	153.55	1067.3	721.2	
24	21	155.44	1085.5	730.2	
25	22	157.32	1104.0	739.0	
26	22	159.20	1122.7	747.5	
27	22	161.08	1141.6	755.7	
28	22	162.97	1160.7	763.7	
29	22	164.85	1180.0	771.5	
30	22	166.73	1199.5	779.1	
31	22	168.62	1219.1	786.4	
32	22	170.50	1238.9	793.4	
33	23	172.38	1259.0	800.3	
34	23	174.26	1279.1	806.9	
35	23	176.15	1299.5	813.3	
36	23	178.03	1320.0	819.6	
37	23	179.91	1340.6	825.6	
38	23	181.79	1361.4	831.4	
39	23	183.68	1382.3	837.0	
40	23	185.56	1403.4	842.4	extraction isolde
41	24	202.50	1424.6	847.7	
42	24	204.39	1445.9	852.8	
43	24	206.27	1467.3	857.7	
44	24	208.15	1488.9	862.5	
45	24	210.04	1510.6	867.1	
46	24	211.92	1532.3	871.5	
47	24	213.80	1554.2	875.8	
48	24	215.68	1576.2	880.0	
49	25	217.57	1598.3	884.0	
50	25	219.45	1620.5	887.9	
51	25	221.33	1642.8	891.6	
52	25	223.22	1665.2	895.3	
53	25	225.10	1687.7	898.8	
54	25	226.98	1710.2	902.2	
55	25	228.86	1732.9	905.5	
56	25	230.75	1755.6	908.7	
57	26	232.63	1778.4	911.8	
58	26	234.51	1801.3	914.8	
59	26	236.39	1824.2	917.7	
60	26	238.28	1847.2	920.5	
61	26	240.16	1870.3	923.2	
62	26	242.04	1893.4	925.8	
63	26	243.93	1916.6	928.3	

cavity	focusing period	length	energy [MeV]	power, 40 mA [kW]	comments
64	26	245.81	1939.9	930.8	
65	27	247.69	1963.2	933.2	
66	27	249.57	1986.6	935.5	
67	27	251.46	2010.1	937.8	
68	27	253.34	2033.6	940.0	
69	27	255.22	2057.1	942.1	
70	27	257.10	2080.7	944.1	
71	27	258.99	2104.4	946.1	
72	27	260.87	2128.1	948.0	
73	28	262.75	2151.8	949.9	
74	28	264.64	2175.6	951.7	
75	28	266.52	2199.5	953.5	
76	28	268.40	2223.3	955.2	
77	28	270.28	2247.3	956.9	
78	28	272.17	2271.2	958.5	
79	28	274.05	2295.2	960.1	
80	28	275.93	2319.3	961.6	
81	29	277.81	2343.3	963.1	
82	29	279.70	2367.5	964.6	
83	29	281.58	2391.6	966.0	
84	29	283.46	2415.8	967.3	
85	29	285.35	2440.0	968.7	
86	29	287.23	2464.3	970.0	
87	29	289.11	2488.5	971.2	
88	29	290.99	2512.8	972.5	extraction EURISOL
89	30	307.94	2537.2	973.7	
90	30	309.82	2561.6	974.8	
91	30	311.70	2586.0	976.0	
92	30	313.59	2610.4	977.1	
93	30	315.47	2634.8	978.2	
94	30	317.35	2659.3	979.2	
95	30	319.24	2683.8	980.2	
96	30	321.12	2708.4	981.2	
97	31	323.00	2732.9	982.2	
98	31	324.88	2757.5	983.2	
99	31	326.77	2782.1	984.1	
100	31	328.65	2806.7	985.0	
101	31	330.53	2831.4	985.9	
102	31	332.41	2856.0	986.7	
103	31	334.30	2880.7	987.6	
104	31	336.18	2905.4	988.4	
105	32	338.06	2930.2	989.2	
106	32	339.95	2954.9	990.0	
107	32	341.83	2979.7	990.7	
108	32	343.71	3004.5	991.5	
109	32	345.59	3029.3	992.2	
110	32	347.48	3054.1	992.9	
111	32	349.36	3078.9	993.6	
112	32	351.24	3103.8	994.3	
113	33	353.12	3128.7	995.0	
114	33	355.01	3153.6	995.6	
115	33	356.89	3178.5	996.3	
116	33	358.77	3203.4	996.9	
117	33	360.66	3228.3	997.5	
118	33	362.54	3253.3	998.1	
119	33	364.42	3278.2	998.7	
120	33	366.30	3303.2	999.3	
121	34	368.19	3328.2	999.8	
122	34	370.07	3353.2	1000.4	
123	34	371.95	3378.3	1000.9	
124	34	373.84	3403.3	1001.4	
125	34	375.72	3428.3	1002.0	
126	34	377.60	3453.4	1002.5	
127	34	379.48	3478.5	1003.0	

cavity	focusing period	length	energy [MeV]	power, 40 mA [kW]	comments
128	34	381.37	3503.6	1003.4	
129	35	383.25	3528.7	1003.9	
130	35	385.13	3553.8	1004.4	
131	35	387.01	3578.9	1004.8	
132	35	388.90	3604.0	1005.3	
133	35	390.78	3629.2	1005.7	
134	35	392.66	3654.3	1006.2	
135	35	394.55	3679.5	1006.6	
136	35	396.43	3704.7	1007.0	
137	36	398.31	3729.8	1007.4	
138	36	400.19	3755.0	1007.8	
139	36	402.08	3780.2	1008.2	
140	36	403.96	3805.5	1008.6	
141	36	405.84	3830.7	1008.9	
142	36	407.72	3855.9	1009.3	
143	36	409.61	3881.2	1009.7	
144	36	411.49	3906.4	1010.0	
145	37	413.37	3931.7	1010.4	
146	37	415.26	3956.9	1010.7	
147	37	417.14	3982.2	1011.1	
148	37	419.02	4007.5	1011.4	
149	37	420.90	4032.8	1011.7	
150	37	422.79	4058.1	1012.0	
151	37	424.67	4083.4	1012.4	
152	37	426.55	4108.7	1012.7	
153	38	428.43	4134.0	1013.0	
154	38	430.32	4159.4	1013.3	
155	38	432.20	4184.7	1013.6	
156	38	434.08	4210.1	1013.9	
157	38	435.97	4235.4	1014.1	
158	38	437.85	4260.8	1014.4	
159	38	439.73	4286.1	1014.7	
160	38	441.61	4311.5	1015.0	
161	39	443.50	4336.9	1015.2	
162	39	445.38	4362.3	1015.5	
163	39	447.26	4387.7	1015.7	
164	39	449.15	4413.1	1016.0	
165	39	451.03	4438.5	1016.2	
166	39	452.91	4463.9	1016.5	
167	39	454.79	4489.3	1016.7	
168	39	456.68	4514.7	1017.0	
169	40	458.56	4540.2	1017.2	
170	40	460.44	4565.6	1017.4	
171	40	462.32	4591.0	1017.6	
172	40	464.21	4616.5	1017.9	
173	40	466.09	4641.9	1018.1	
174	40	467.97	4667.4	1018.3	
175	40	469.86	4692.9	1018.5	
176	40	471.74	4718.3	1018.7	
177	41	473.62	4743.8	1018.9	
178	41	475.50	4769.3	1019.1	
179	41	477.39	4794.8	1019.3	
180	41	479.27	4820.3	1019.5	
181	41	481.15	4845.7	1019.7	
182	41	483.03	4871.2	1019.9	
183	41	484.92	4896.7	1020.1	
184	41	486.80	4922.3	1020.3	
185	42	488.68	4947.8	1020.5	
186	42	490.57	4973.3	1020.6	
187	42	492.45	4998.8	1020.8	
188	42	494.33	5024.3	1021.0	
189	42	496.21	5049.9	1021.2	
190	42	498.10	5075.4	1021.3	
191	42	499.98	5100.9	1021.5	
192	42	501.86	5126.5	1021.7	