Machine options

	option 1	option 2	option 3	option 4	Option5
E_k [MeV]	840	975	1109	1240	975*
ΔE_k [MeV]	+/- 15	+/- 15	+/- 15	+/- 15	TBD
SRF cryo	11+12	11+15	11+18	11+21	11+12*
SRF cavity	33+48	33+60	33+72	33+84	33+48*
γ	1.895	2.039	2.182	2.322	2.039
β	0.849	0.872	0.889	0.903	0.872
Pulse length on target [ns]	724	699	681	677	699
P_{max} [MW]	1.2	1.8	2.2	2.4	1.5*
I_{peak} [mA]	36-52	48-52	52	52	41
Turns (inj.)	1027-714	1054-972	1074	1091	1054
ΔQ_{sc}	0.19	0.20	0.17	0.14	0.17

* Upgraded high-β SRF cavity gradient; E_p=35.0 +2.5/-7.5 MV/m; duty cycle 6.0%