	> 12 MeV	15 MeV, $\Delta E = 1\% E$, 1 msr
N_p	$\sim 2 \times 10^{10}$	$\sim 3 \times 10^{6}$
Q_p	~ 3 nC	~ 0.5 pC
E_{beam}	~ 50 mJ	$\sim 7\ \mu$J
I_{peak}	~ 30 kA	~ 5 A
I_{avg} (0.1 Hz)	~ 0.3 nA	~ 50 fA
I_{avg} (10 Hz)	~ 30 nA	~ 5 pA