

Table 1: Beta-function values at relevant positions for an initial beam at 140 MeV/c, 200 MeV/c and 240 MeV/c in the cooling-demonstration lattice design.

Parameter	Value for 140 MeV/c	Value for 200 MeV/c	Value for 240 MeV/c
β_{\perp} at primary absorber [mm]	480	512	545
β_{\perp} at upstream secondary absorber [mm]	660	710	840
β_{\perp} at downstream secondary absorber [mm]	680	740	850
$\beta_{\perp\max}$ at FC [mm]	1480	1450	1430