

# variations of magnet chicane layout

E (GeV)	B (mT)	disp.(mm)	E <sub>comp</sub> (GeV)
500.0	97.0	10.6	26.5
250.0	97.0	21.1	25.2
100.0	97.0	52.8	21.9
45.6	97.0	115.7	17.4



Deepa Angal-Kalinin (Dec. 1, 2007):

Consider a version of design with scaled field and three fixed field ranges, with a fixed dispersion depending on the range.

Let's say

20mm in the baseline parameter range of 100–250GeV/beam,

15mm in 250–500GeV/beam,

50mm in 45–100GeV/beam range.

E (GeV)	B (mT)	disp.(mm)
500.0	97.0	10.6
250.0	97.0	21.1
100.0	91.9	50.0
45.6	41.9	50.0

E (GeV)	B (mT)	disp.(mm)
500.0	97.0	10.6
250.0	97.0	21.1
100.0	55.1	30.0
45.6	25.1	30.0

E (GeV)	B (mT)	disp.(mm)
500.0	97.0	10.6
250.0	48.5	10.6
100.0	19.4	10.6
45.6	8.8	10.6







