

Effect of 6T field along z (MS after 4m Fe)

- Spread of θ at exit with virtually the same rms
- A small increase in one tail of distribution

Muon momentum (TeV)	GEANT ₄ MS θ RMS (mrad)	Including 6 T Bfield (mrad)	$\Delta\%$
1	0.234	0.243	4
2	0.114	0.122	7
5	0.046	0.047	2
10	0.023	0.024	4
20	0.011	0.012	9

