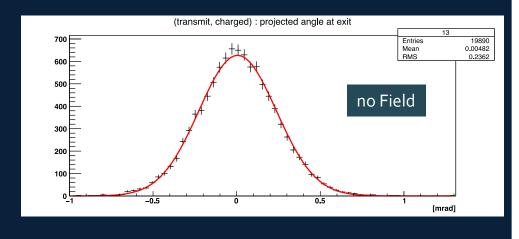
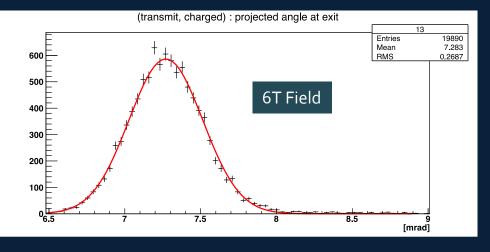
Effect of 6T field along z (MS after 4m Fe)

 Spread of θ at exit with virtually the same rms

A small increase in one tail of distribution

Muon momentum (TeV)	GEANT4 MS θ RMS (mrad)	Including 6 T Bfield (mrad)	Δ%
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





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