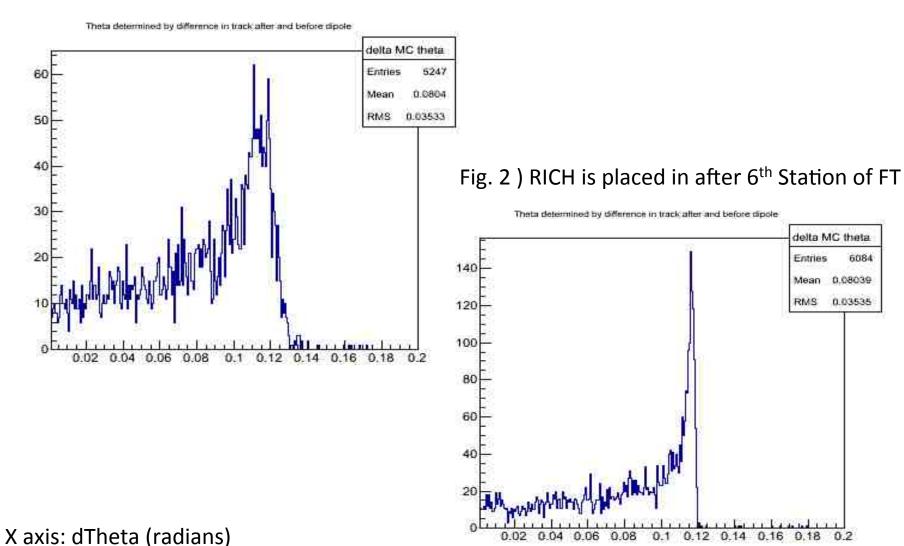
FTS: Momentum study

Manoj Jadhav IIT Bombay Figs. shows Theta between linearly fitted tracks from points in simulation of first two stations (1 & 2) and last two stations (5 & 6)

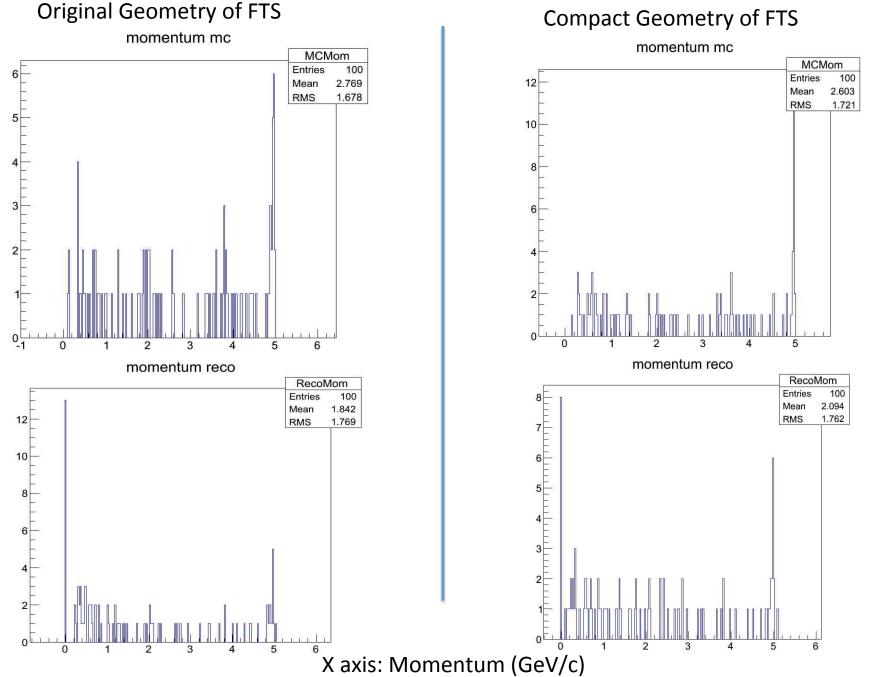
Fig. 1) RICH is placed in between 5th and 6th Station of FT



6084

0.08039 0.03535

Simulation macro: PID<; Momentum in simulation: 5 GeV/c; Evt Generator: DPM



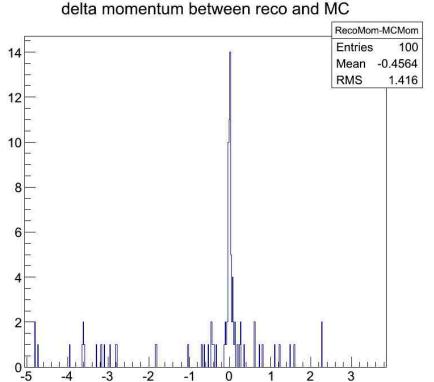
Difference between Reco Momentum and MC Momentum calculated using macro track_check.C Simulation macros are used from pid macro

Momentum is 5 Gev

Event Generator: DPM

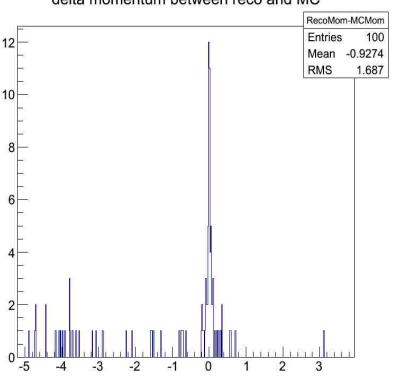
Normal Geometry for FT

delta assessment as batasses assessed MO



Compact Geometry for FT

delta momentum between reco and MC



Now I am trying to fit hits from reconstruction for all layers of FT in X-Z plane to get bending angle of track due to dipole field.

X axis: Momentum (GeV/c)