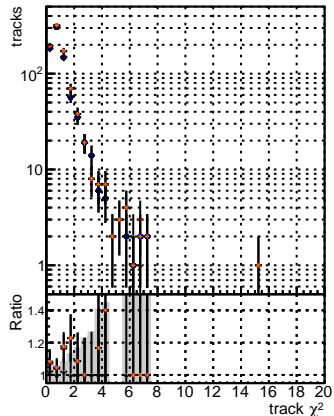
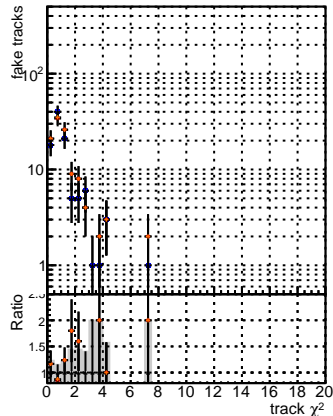
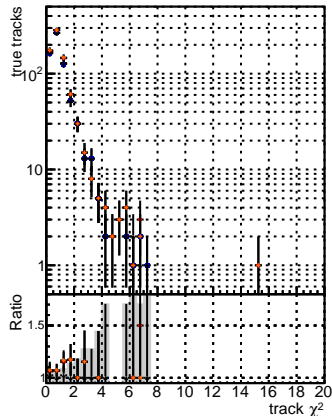


N of reco track vs normalized  $\chi^2$



N of associated (recoToSim) tracks vs normalized  $\chi^2$



N of associated (recoToSim) loopier tracks vs normalized  $\chi^2$



N of reco track vs.  $\chi^2$  for different models: BDM (black), mF5 (blue), Told (red), lowpt (orange), and NEWdefault (grey). The bottom panel shows the ratio of the number of tracks to the number of associated tracks.

