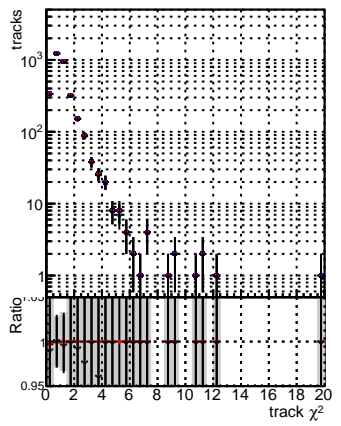
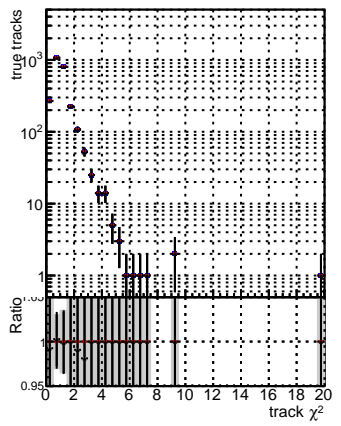


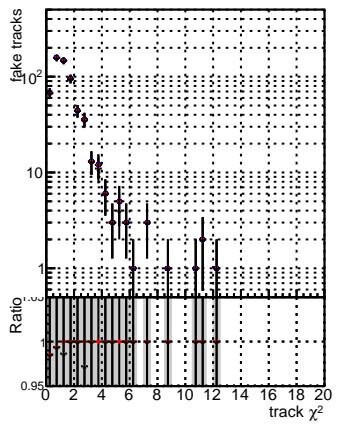
N of reco track vs. normalized  $\chi^2$



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



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



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



N of reco track vs.  $\chi^2$  —•— DGM ttbar PU mkFit Siter updatedPR111 update fixPropagation —•— DGM ttbar PU mkFit Siter updatedPR111 update —•— DGM ttbar PU mkFit Siter updatedPR111 update

