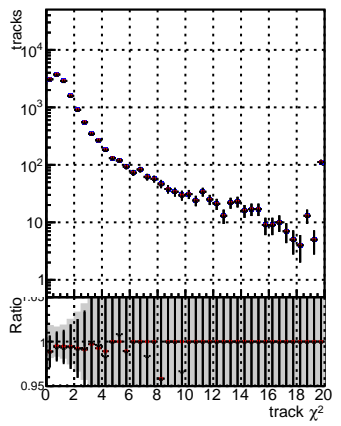
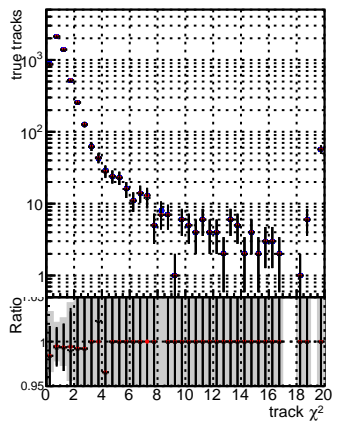


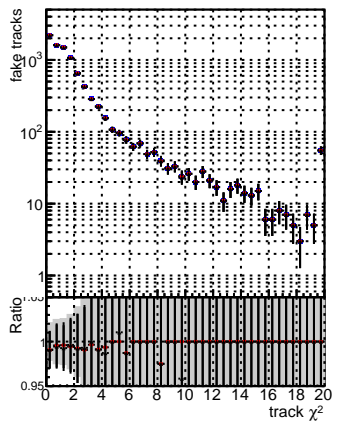
N of reco track vs normalized  $\chi^2$



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. 
 DGM ttbarPU mkFit Siter updatedPR111\_update fixPropagation  
 DGM ttbarPU mkFit Siter updatedPR111\_update  
 DGM ttbarPU mkFit Siter updatedPR111\_update

