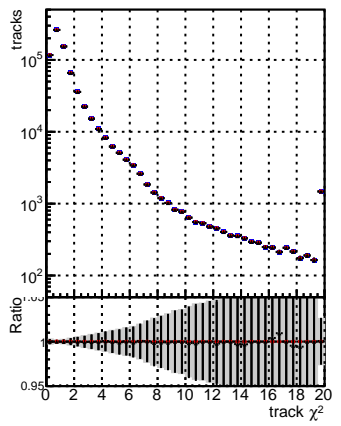
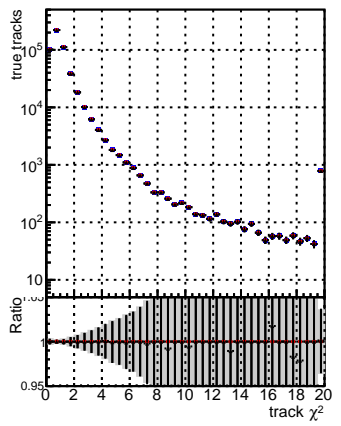


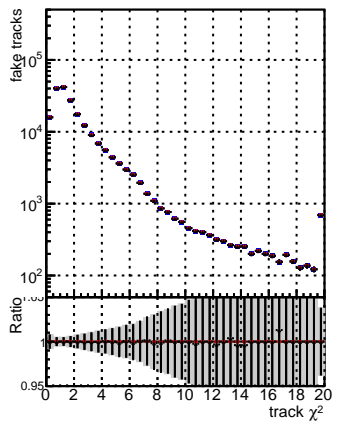
N of reco track vs normalized  $\chi^2$



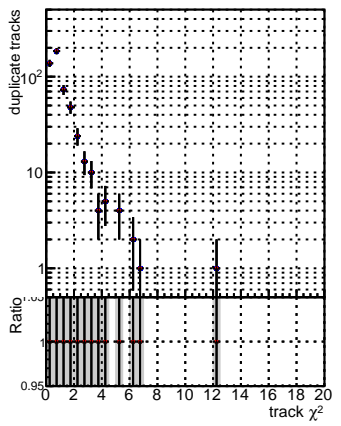
N of associated (recoToSim) tracks vs normalized  $\chi^2$



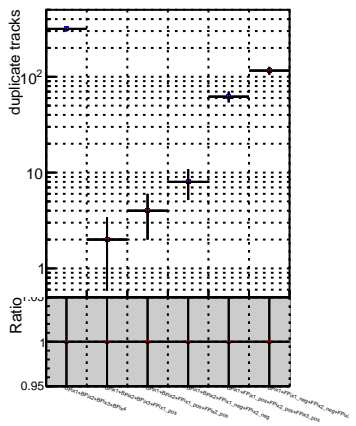
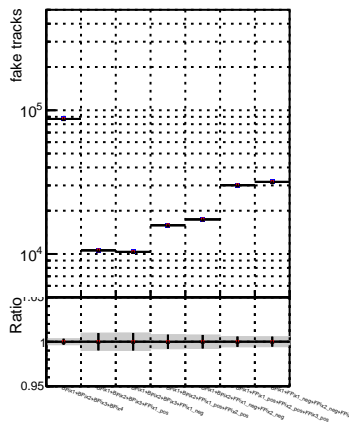
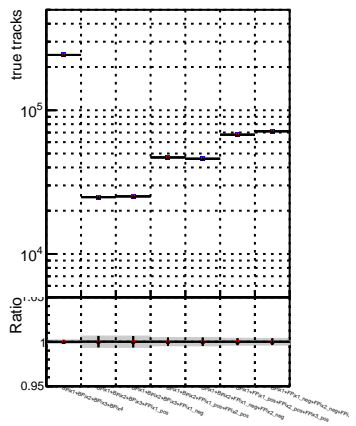
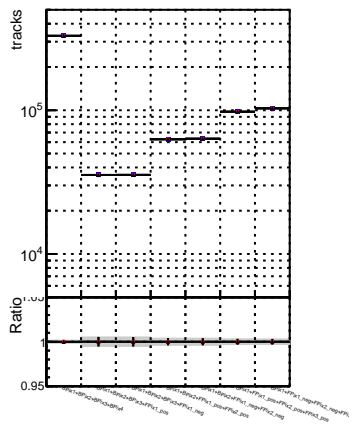
N of associated (recoToSim) looper tracks vs normalized  $\chi^2$



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



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



DGM ttbarPU mkFit Siter updatedPR111 update fixPropagation verSet