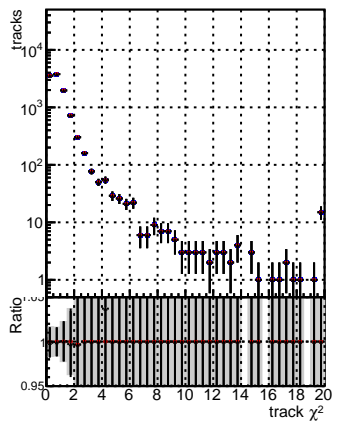
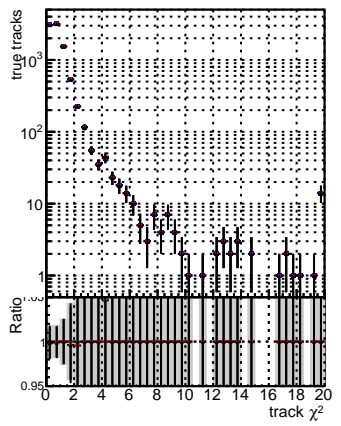


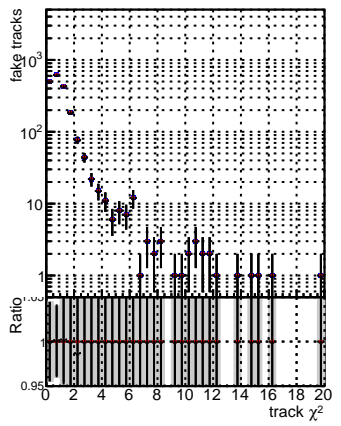
N of reco track vs normalized  $\chi^2$



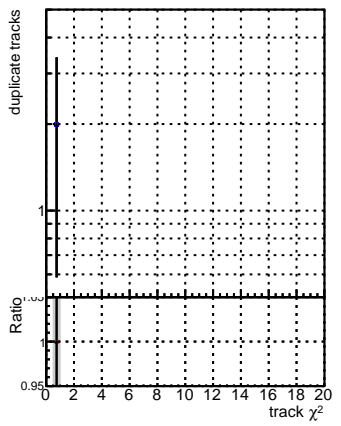
N of associated (recoToSim) tracks vs normalized  $\chi^2$



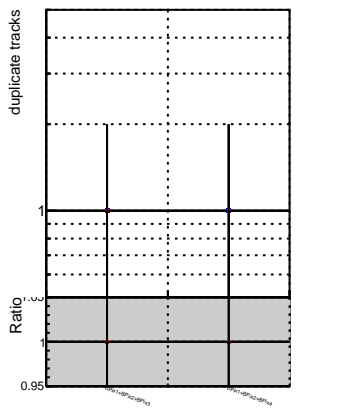
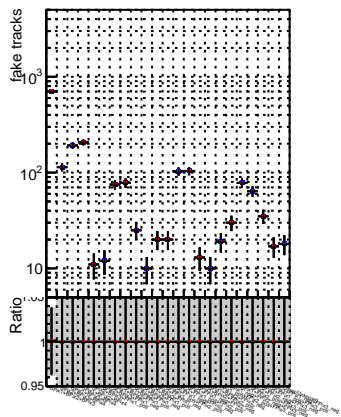
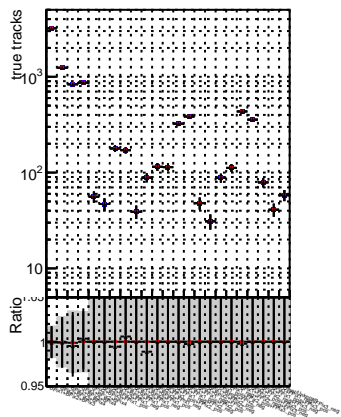
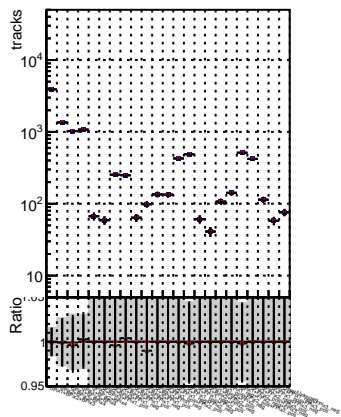
N of associated (recoToSim) looper tracks vs normalized  $\chi^2$



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



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



DCM ttbar PU mkFit Siter PR111 update fixPropagation overSet