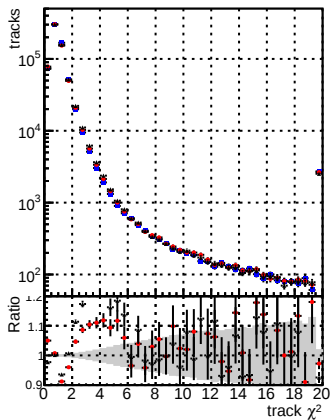
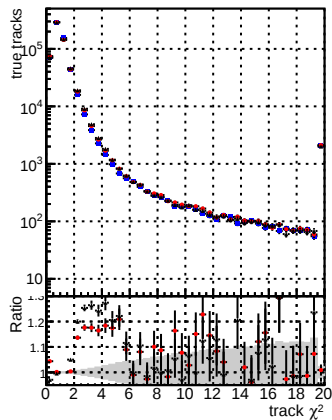


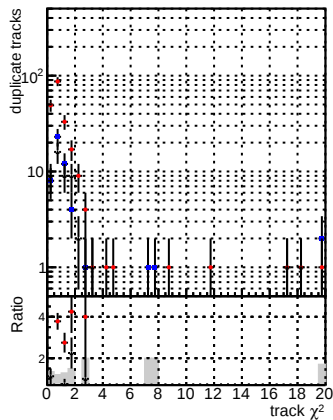
N of reco track vs normalized  $\chi^2$

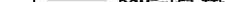


N of associated (recoToSim) tracks vs normalized  $\chi^2$



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



N of reco track vs. s  BQM mkFit TTbarPU-npDNN3  
BQM mkFit TTbarPU-clonertfix3

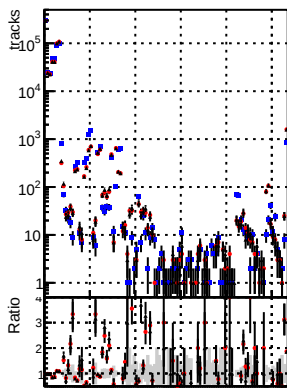


Figure 1 consists of two panels. The top panel is a log-log plot of 'duplicate tracks' (y-axis, ranging from 1 to 100) versus 'Ratio' (x-axis, ranging from 1 to 100). The bottom panel is a log-linear plot of 'Ratio' (y-axis, ranging from 0 to 4) versus 'Ratio' (x-axis, ranging from 1 to 100). Both panels show data points with error bars and a shaded gray region representing the expected ratio.