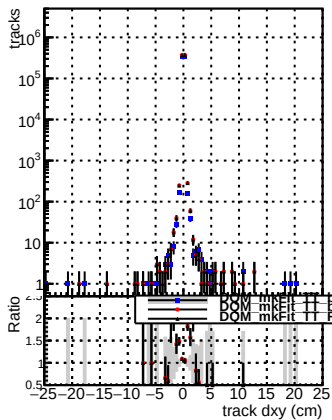
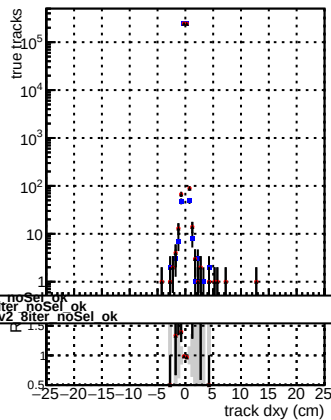


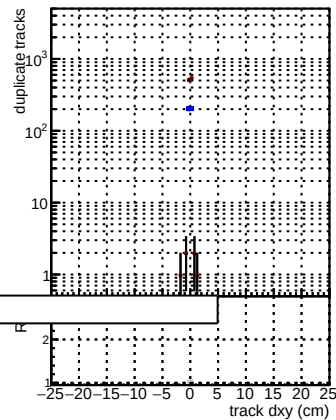
N of reco track vs dxy



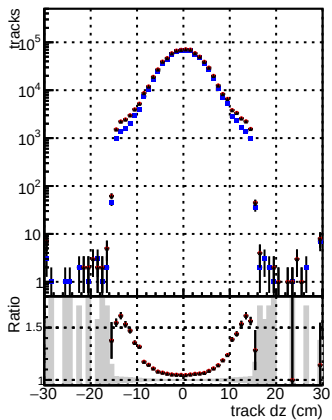
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

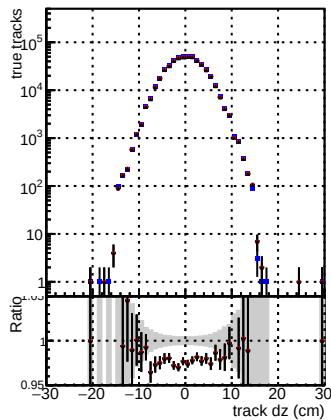


Figure 1 consists of two panels. The top panel is a plot of 'fake\_tracks' (y-axis, logarithmic scale from  $10^2$  to  $10^4$ ) versus 'track dz (cm)' (x-axis, linear scale from -30 to 30). It shows data points with error bars and a Gaussian fit curve. The bottom panel is a plot of 'Ratio' (y-axis, logarithmic scale from 0.5 to 2.0) versus 'track dz (cm)' (x-axis, linear scale from -30 to 30). It shows data points with error bars and a Gaussian fit curve. Both panels have a shaded gray region between approximately -18 and 18 cm on the x-axis.

N of associated (recoToSim) looper tracks vs dz

