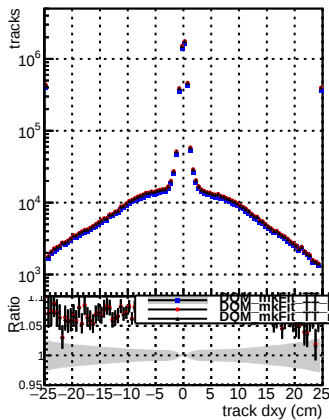
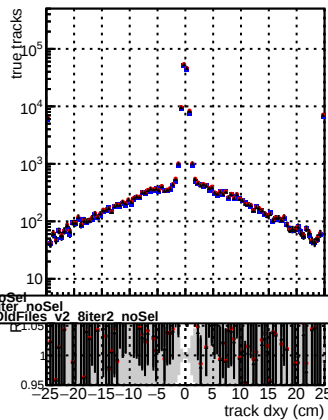


N of reco track vs dxy

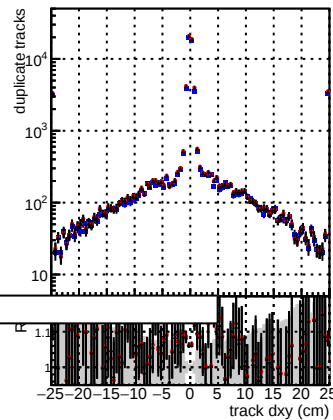


N of associated (recoToSim) tracks vs dxy

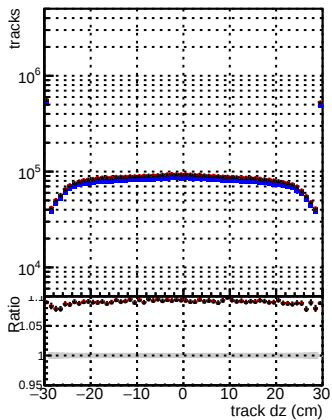


The figure consists of two vertically stacked plots. The top plot shows the number of fake tracks on a logarithmic y-axis (ranging from 10^3 to 10^6) against the track d_{xy} in cm on a linear x-axis (ranging from -25 to 25). The data points (black dots) show a sharp peak at $d_{xy} = 0$, reaching approximately 10^6 tracks. A red line represents a fit to the data. The bottom plot shows the ratio of fake tracks to total tracks on a linear y-axis (ranging from 0.95 to 1.05) against the track d_{xy} in cm on a linear x-axis (ranging from -25 to 25). The data points (black dots) show a peak at $d_{xy} = 0$, reaching approximately 1.05. A red line represents a fit to the data. A shaded gray region around the red line indicates the uncertainty or confidence interval.

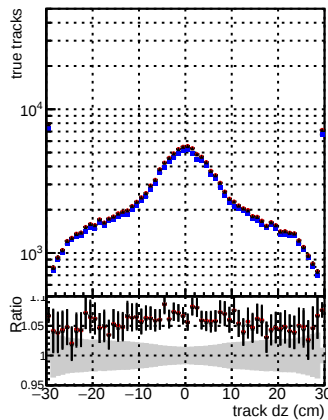
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

