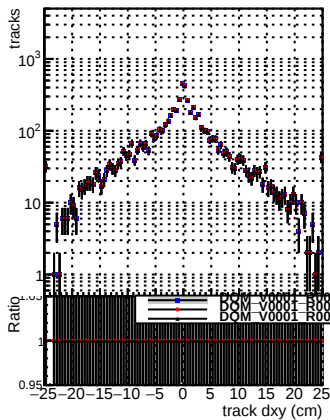
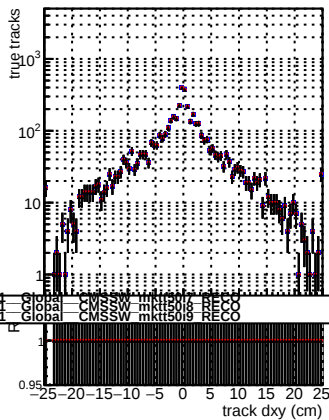


N of reco track vs dxy

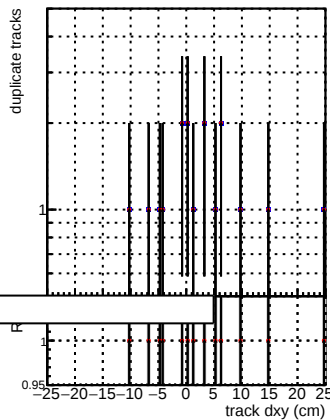


N of associated (recoToSim) tracks vs dxy

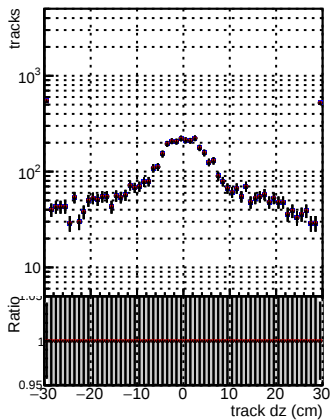


The figure consists of two panels. The top panel is a log-linear plot showing the distribution of fake tracks as a function of track d_{xy} (cm). The y-axis is labeled 'fake tracks' and ranges from 1 to 100 on a logarithmic scale. The x-axis ranges from -25 to 25 cm. Data points are shown with error bars, and a solid black line represents a fit to the data. The distribution is roughly bell-shaped, peaking at approximately 50 fake tracks per 100 at $d_{xy} = 0$ cm. The bottom panel is a linear plot showing the fraction of fake tracks as a function of track d_{xy} (cm). The y-axis is labeled 'F' and ranges from 0.95 to 1.0. The x-axis is the same as the top panel. Data points are shown with error bars, and a solid red line is drawn at $F = 1.0$, indicating that the fraction of fake tracks is constant across the range of d_{xy} .

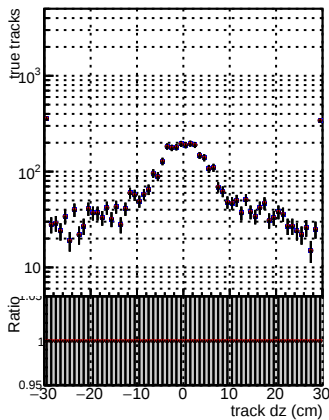
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

