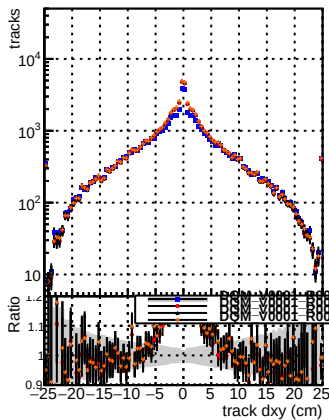
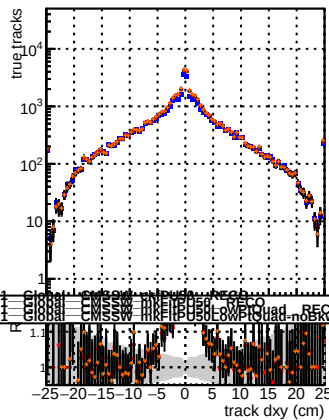


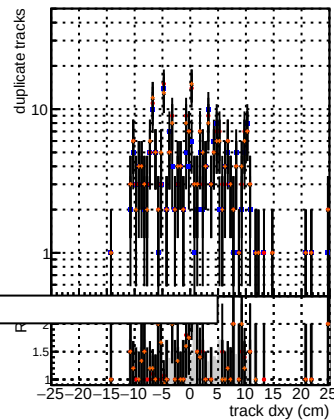
N of reco track vs dxy



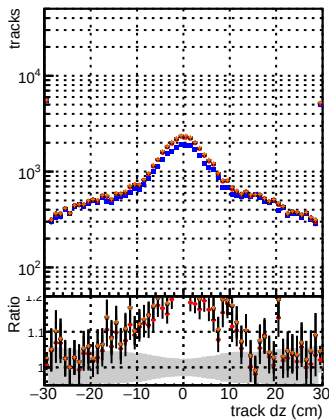
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

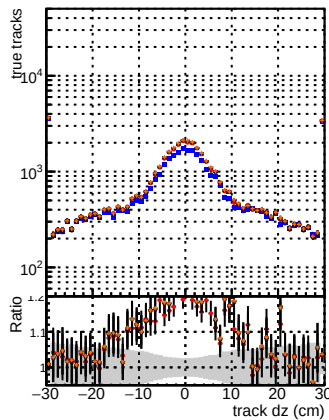


Figure 10 consists of two panels. The top panel is a log-linear plot showing the ratio of fake tracks to real tracks as a function of track dz (cm). The y-axis is labeled 'Ratio' and ranges from 10^2 to 10^3 . The x-axis is labeled 'track dz (cm)' and ranges from -30 to 30. The data points are shown as blue diamonds with error bars, and a solid black line represents the fit. The ratio peaks at approximately 3×10^2 around $dz = 0$ cm. The bottom panel is a linear plot showing the ratio of real tracks to fake tracks as a function of track dz (cm). The y-axis is labeled 'Ratio' and ranges from 1.0 to 1.4. The x-axis is labeled 'track dz (cm)' and ranges from -30 to 30. The data points are shown as red circles with error bars, and a solid black line represents the fit. The ratio is relatively flat, centered around 1.1.

N of associated (recoToSim) looper tracks vs dz

