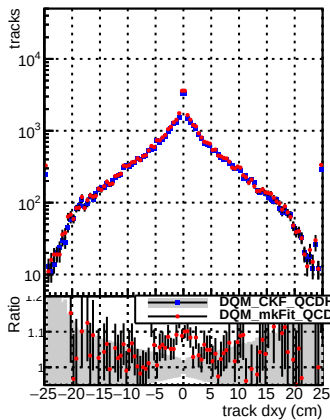
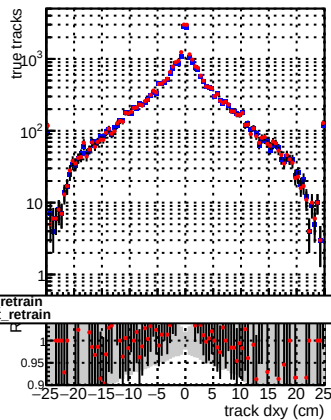


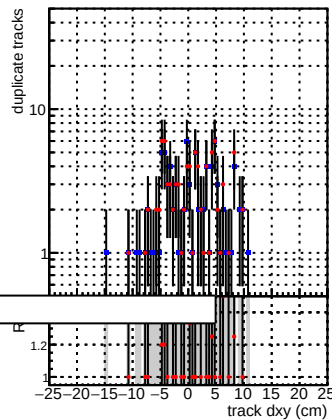
N of reco track vs dxy



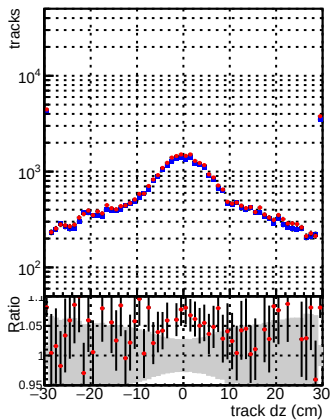
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

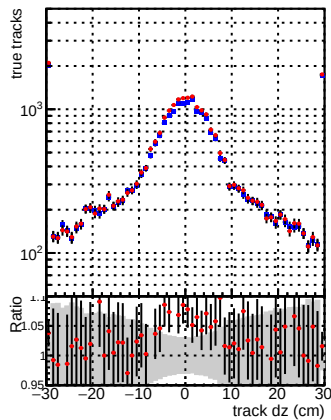


Figure 1 consists of two panels. The top panel is a log-linear plot of the ratio of fake tracks to real tracks versus track dz (cm). The y-axis is labeled 'Ratio' and ranges from 10^2 to 10^3 . The x-axis is labeled 'track dz (cm)' and ranges from -30 to 30. Data points are shown as red circles with error bars, and a blue line represents the fitted curve. The ratio peaks at $dz = 0$ and decreases as $|dz|$ increases. The bottom panel is a linear plot of the ratio versus 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. Data points are shown as red circles with error bars, and a blue line represents the fitted curve. The ratio is highest at $dz = 0$ and decreases as $|dz|$ increases.

N of associated (recoToSim) looper tracks vs dz

