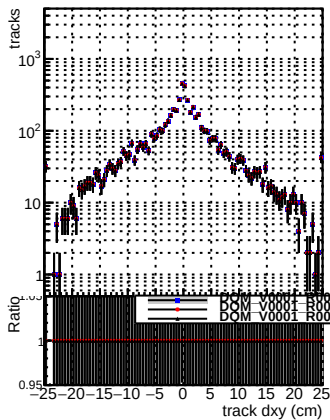


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

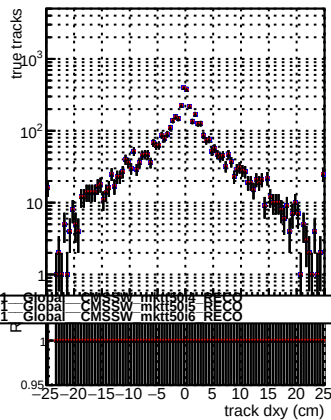
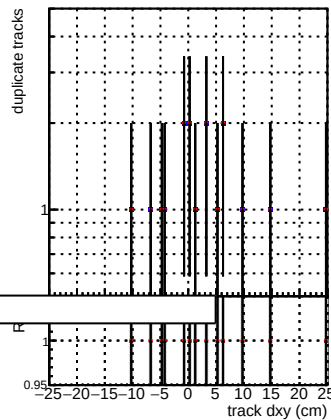
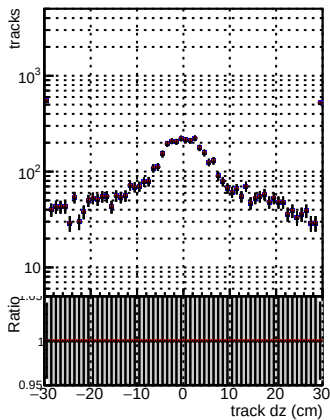


Figure 1 consists of two panels. The top panel is a log-linear plot showing the number of fake tracks as a function of track d_{xy} (cm). The y-axis is labeled 'fake tracks' and ranges from 10^0 to 10^2 . The x-axis is labeled 'track d_{xy} (cm)' and ranges from -25 to 25. The data points are black circles with error bars, and a red line represents a fit. The number of fake tracks peaks at $d_{xy} = 0$ and decreases as $|d_{xy}|$ increases. The bottom panel is a linear plot showing the efficiency as a function of track d_{xy} (cm). The y-axis is labeled 'efficiency' and ranges from 0.95 to 1.0. The x-axis is labeled 'track d_{xy} (cm)' and ranges from -25 to 25. The data points are black circles with error bars, and a red line represents a fit. The efficiency is constant at 1.0 across the entire range of d_{xy} .

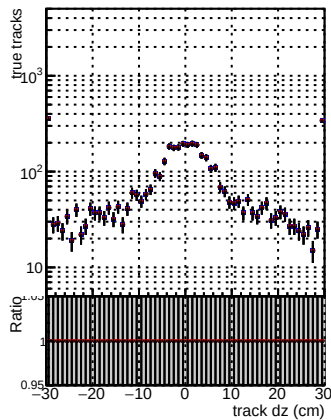
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

