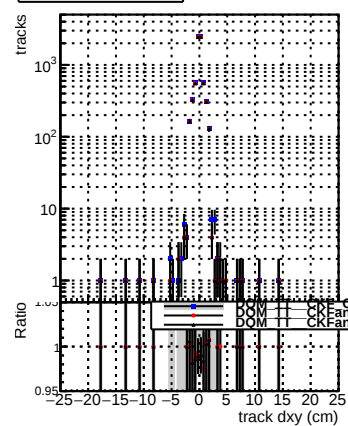


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

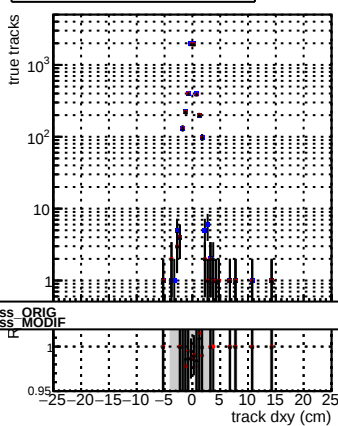
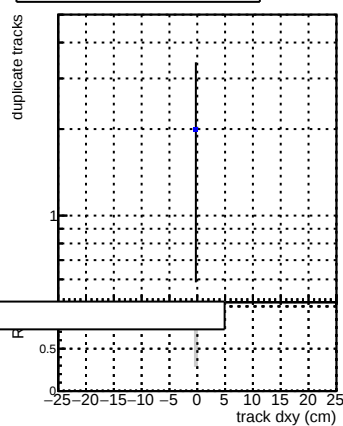
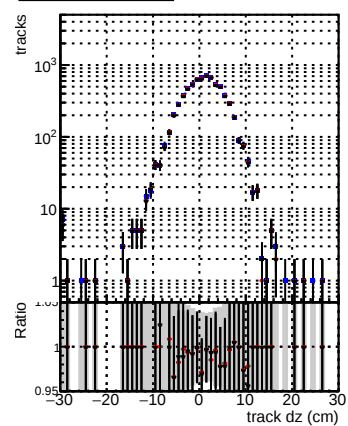


Figure 1 consists of two panels. The top panel is a scatter plot showing the distribution of fake tracks as a function of track d_{xy} (cm). The y-axis is labeled 'fake tracks' and is on a logarithmic scale from 1 to 1000. The x-axis is labeled 'track d_{xy} (cm)' and ranges from -25 to 25. The plot shows a dense distribution of points, with a significant peak around $d_{xy} = 0$ reaching nearly 1000 fake tracks. The bottom panel is a histogram of track d_{xy} (cm) from -25 to 25. The y-axis is labeled 'F' and ranges from 0.95 to 1.0. A red dashed line is drawn at $F = 1.0$, and a black solid line is drawn at $F = 0.95$. The histogram shows a distribution of values, with a peak around $d_{xy} = 0$ reaching $F = 1.0$.

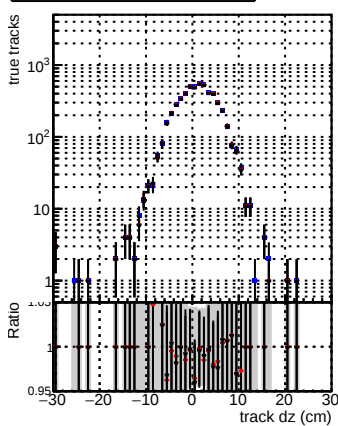
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) loop tracks vs dz

