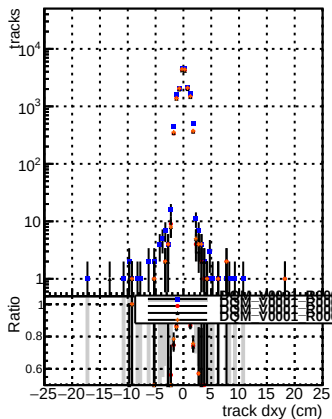


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

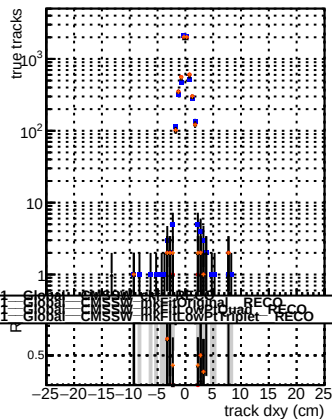
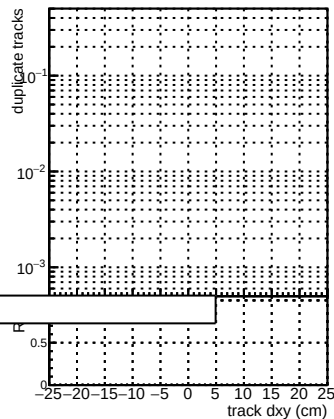
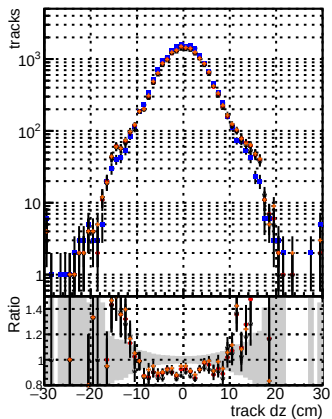


Figure 10 consists of two panels. The top panel is a scatter plot showing the distribution of fake tracks as a function of track d_{xy} (cm). The y-axis is labeled 'fake tracks' and is on a logarithmic scale from 1 to 10^3 . The x-axis is labeled 'track d_{xy} (cm)' and ranges from -25 to 25. Data points are shown as small black dots, with a cluster of points around $d_{xy} = 0$ and $d_{xy} \approx \pm 5$ cm. The bottom panel is a histogram of track d_{xy} (cm) from -25 to 25. The y-axis is labeled 'N' and ranges from 0 to 8. The histogram shows a distribution of track d_{xy} values, with a shaded region between approximately -5 and 5 cm, indicating the signal region.

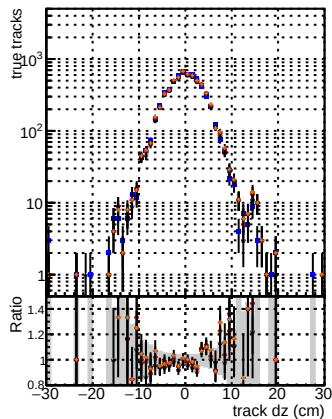
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

