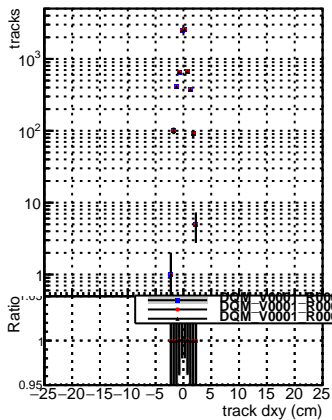


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

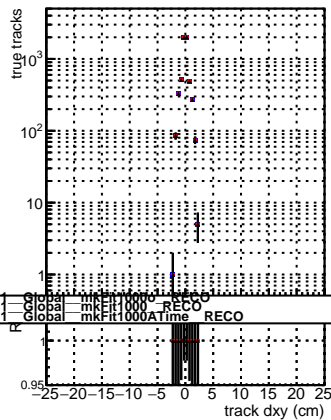
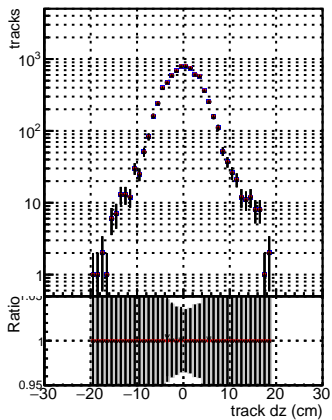


Figure 10 consists of two panels. The top panel is a scatter plot showing the distribution of fake tracks as a function of track d_{xy} (cm). The y-axis is labeled 'fake tracks' and is on a logarithmic scale from 10 to 10^3 . The x-axis is labeled 'track d_{xy} (cm)' and ranges from -25 to 25. The plot shows a dense distribution of points, with a significant concentration of points at $d_{xy} = 0$ 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 0.95 to 1. A red horizontal line is drawn at $N = 1$, indicating the selection cut. The histogram shows a sharp peak at $d_{xy} = 0$ and a smaller peak at $d_{xy} \approx \pm 5$ cm.

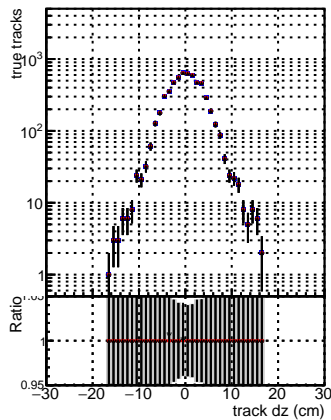
N of associated (recoToSim) loopers tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

