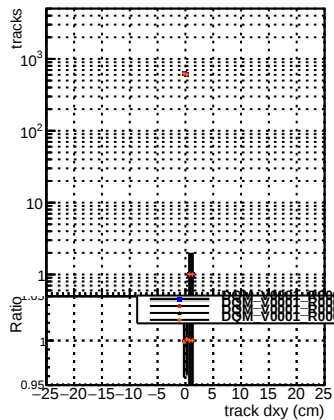


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

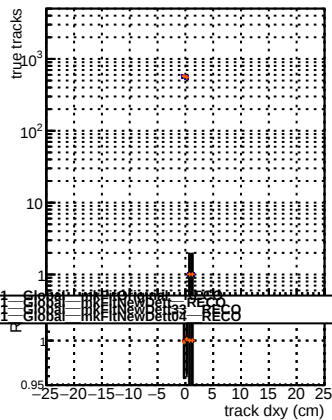
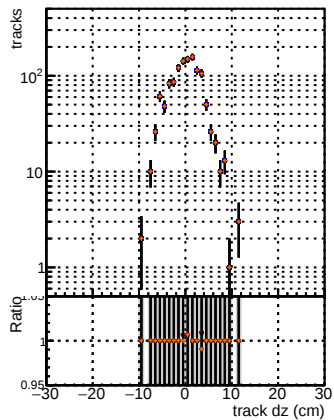


Figure 10 consists of two plots. The top plot is a 2D histogram showing the distribution of fake tracks as a function of track d_{xy} (cm). The x-axis ranges from -25 to 25 cm, and the y-axis, labeled 'fake tracks', is on a logarithmic scale from 10 to 10^2 . A prominent peak is visible at $d_{xy} = 0$ cm, reaching a value of approximately 50. The bottom plot is a 1D histogram of the same data, showing the distribution of track d_{xy} (cm) from -25 to 25 cm. The y-axis is labeled 'N' and ranges from 0.95 to 1. The distribution is highly peaked at $d_{xy} = 0$ cm, with a value of approximately 1.0.

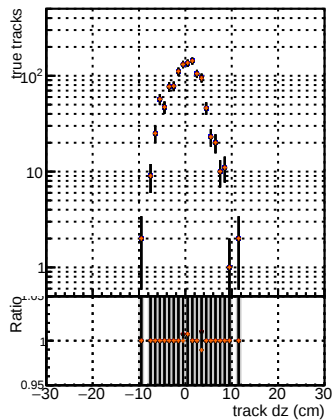
N of associated (recoToSim) loopers tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

