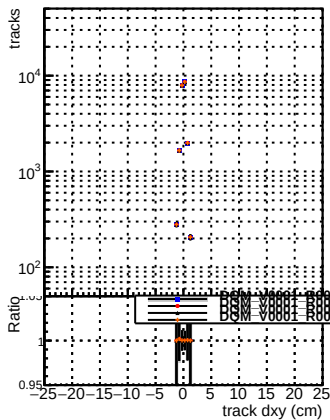


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

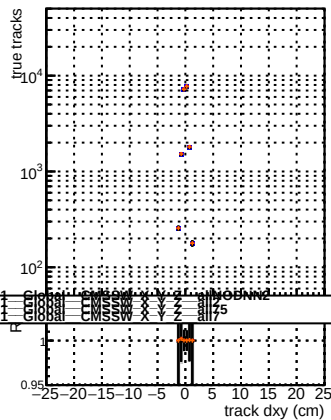
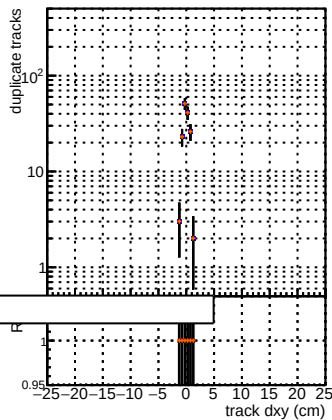
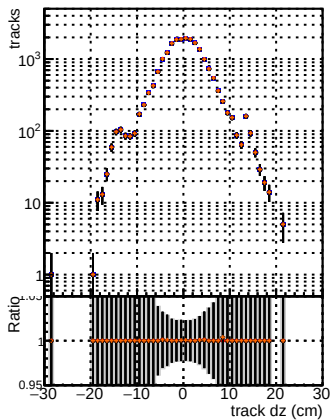


Figure 10 consists of two panels. The top panel is a scatter plot showing the distribution of fake tracks. The y-axis is labeled 'fake tracks' and is on a logarithmic scale from 10 to 10^3 . The x-axis is labeled 'track dxy (cm)' and ranges from -25 to 25. The plot shows a dense grid of points, with a higher concentration of points (indicated by red dots) near the origin (0, 0). The bottom panel is a histogram of the same data, showing a sharp peak at $dxy = 0$. The y-axis is labeled 'N' and ranges from 0.95 to 1. The x-axis is labeled 'track dxy (cm)' and ranges from -25 to 25. The histogram shows a very narrow distribution centered at 0, with a value of approximately 1.0.

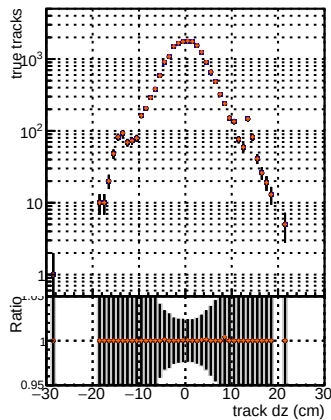
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

