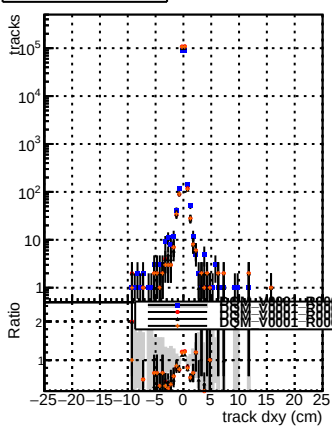
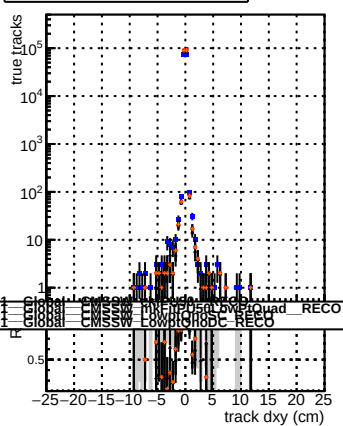


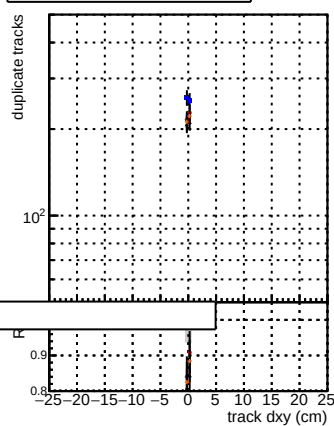
N of reco track vs dxy



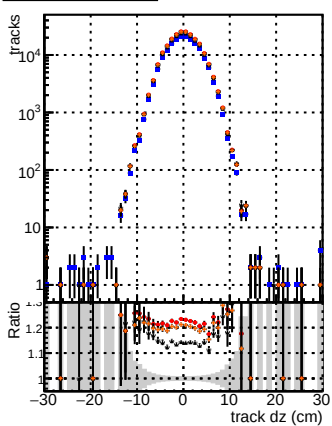
N of associated (recoToSim) tracks vs dxy



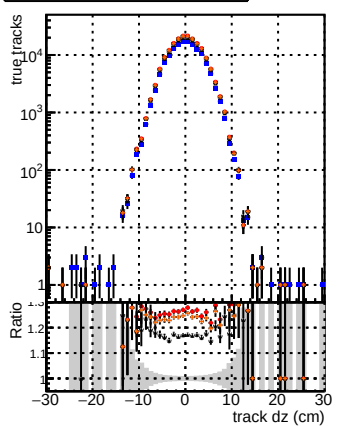
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



The figure consists of two vertically stacked panels sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top panel's y-axis is labeled 'fake tracks' on a logarithmic scale from 1 to 10⁴. It shows a distribution of data points (red squares and blue circles) forming a bell-shaped curve centered at 0 cm, with a peak value of approximately 4,000. The bottom panel's y-axis is labeled 'Ratio' on a linear scale from 1 to 1.5. It shows the ratio of fake tracks to real tracks, with a shaded gray region representing the 1-sigma uncertainty. The ratio is highest at 0 cm, reaching approximately 1.4, and decreases towards the edges of the plot.

N of associated (recoToSim) looper tracks vs dz

