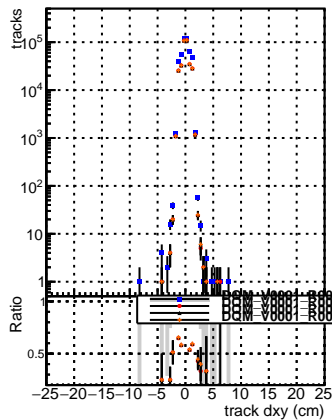
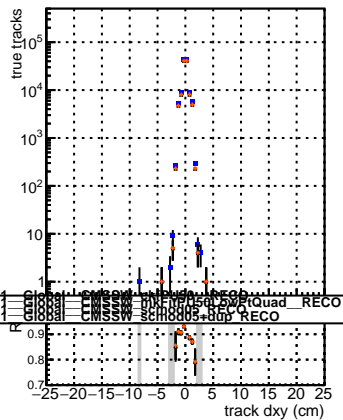


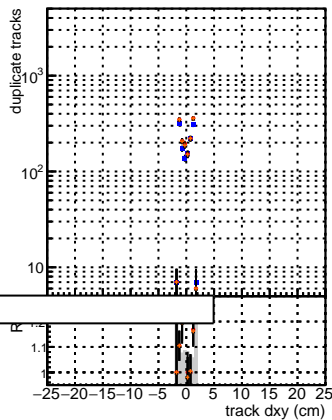
N of reco track vs dxy



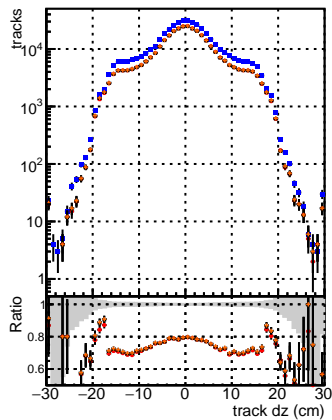
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) loopers tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

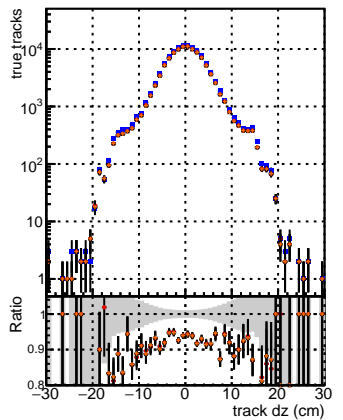


Figure 10 consists of two vertically stacked panels sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top panel plots 'fake_tracks' on a logarithmic y-axis from 1 to 10⁴. It shows a distribution peaking at approximately 10⁴ at dz = 0, with data points (blue and orange) and a fitted curve (black line). The bottom panel plots 'Ratio' on a linear y-axis from 0.6 to 1.0. It shows the ratio of fake tracks to total tracks, with data points (blue and orange) and a fitted curve (black line) that is relatively flat around 0.7, with some fluctuations at the edges of the distribution.

N of associated (recoToSim) looper tracks vs dz

