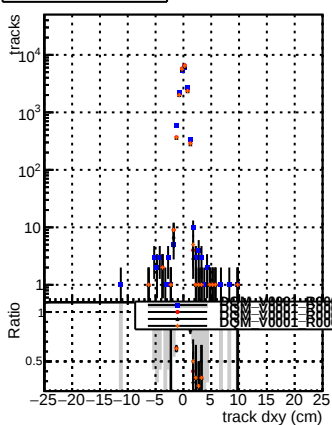
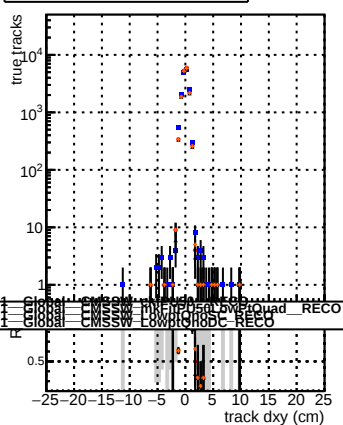


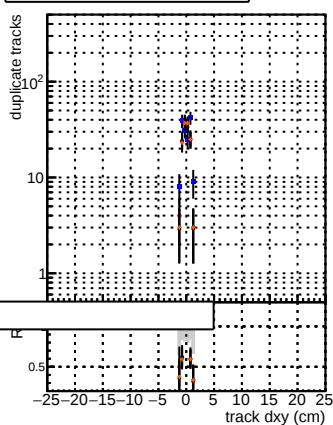
N of reco track vs dxy



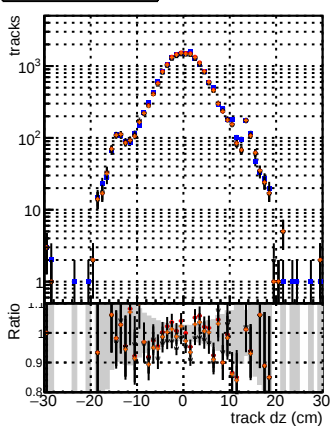
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

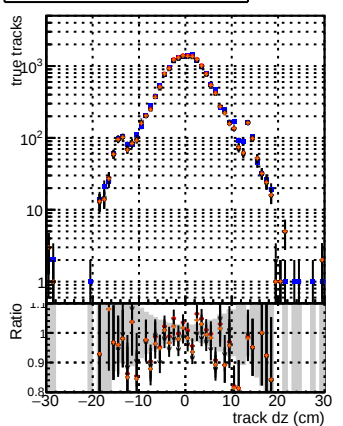


Figure 10 consists of two panels. The top panel is a plot of the ratio of fake tracks to total tracks (labeled 'fake tracks / total tracks') versus track dz (cm). The y-axis is on a logarithmic scale from 1 to 100. The x-axis ranges from -30 to 30 cm. Data points are shown for three different track types: blue circles, orange diamonds, and black squares. A solid black line represents the fit. The ratio peaks at approximately 20 for dz between -5 and 5 cm. The bottom panel shows the ratio of fake tracks to total tracks (labeled 'Ratio') versus track dz (cm). The y-axis is on a linear scale from 1 to 1.5. The x-axis ranges from -30 to 30 cm. Data points are shown for three different track types: blue circles, orange diamonds, and black squares. A solid black line represents the fit. The ratio is mostly below 1.5, with some peaks around 1.5-2.0. Shaded regions indicate the 1-sigma uncertainty.

N of associated (recoToSim) looper tracks vs dz

