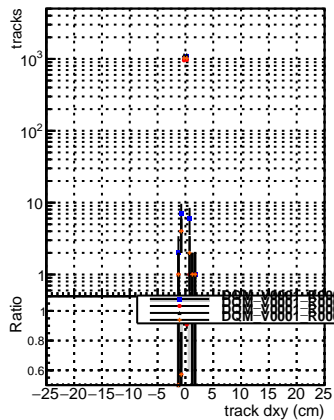


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

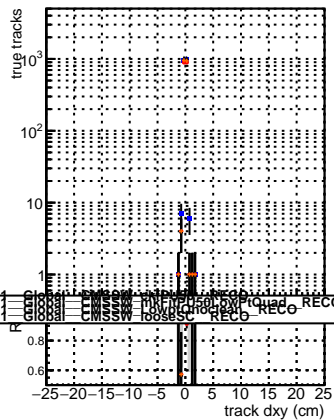
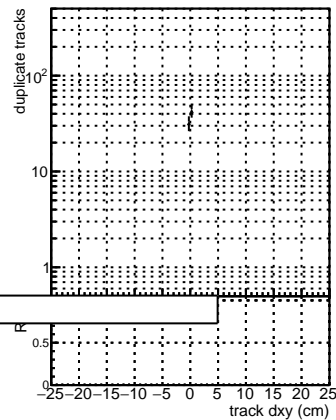
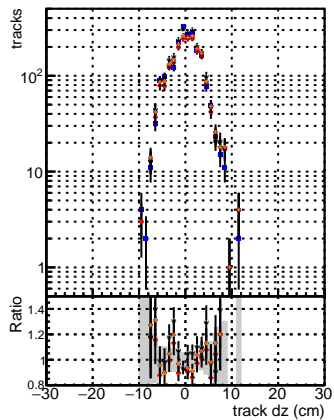


Figure 10 consists of two vertically stacked panels. The top panel is a scatter plot showing lake tracks in the  $x$ - $y$  plane. The x-axis ranges from -25 to 25 cm, and the y-axis ranges from 0 to 100 cm. The tracks are represented by black dots, with a color gradient indicating density: blue for low density and red for high density. A vertical line is drawn at  $x = 0$ . The bottom panel is a plot of the probability  $P$  of lake formation as a function of track  $dx dy$  (cm). The x-axis ranges from -25 to 25 cm, and the y-axis ranges from 0.6 to 0.8. A shaded region indicates the probability range, with a central peak around  $x = 0$ .

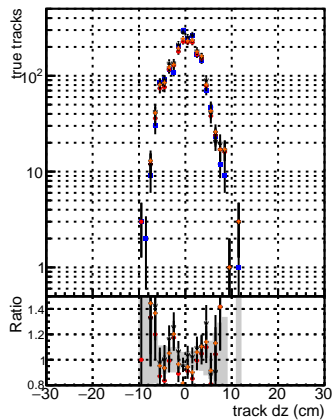
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

