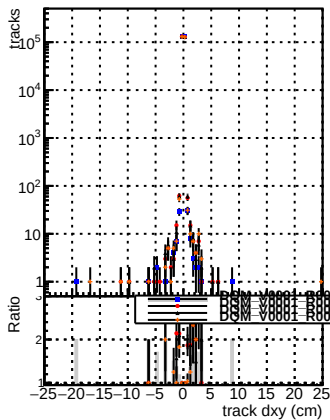


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

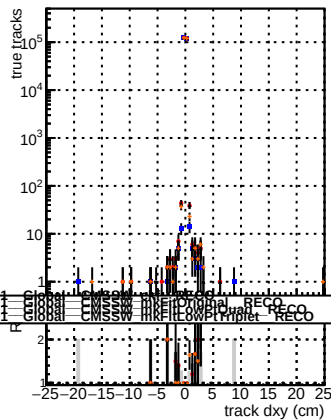
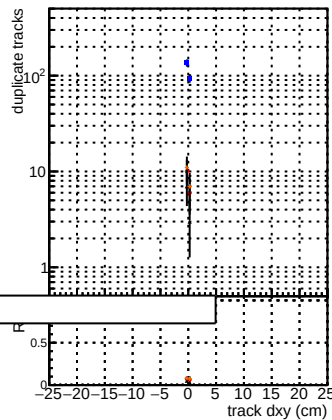
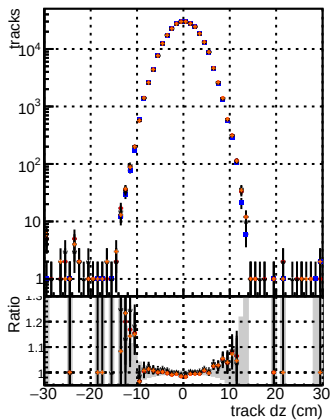


Figure 10 consists of two stacked plots showing the distribution of track d_{xy} (cm) for fake tracks (top) and signal tracks (bottom). The x-axis for both plots ranges from -25 to 25 cm. The top plot shows the distribution of fake tracks on a logarithmic scale from 1 to 10^4 . The distribution is highly peaked around 0 cm, with a maximum value of approximately 10^4 . The bottom plot shows the distribution of signal tracks on a linear scale from 1 to 3. The distribution is also peaked around 0 cm, with a maximum value of approximately 3. Both plots show a similar pattern of peaks and troughs, indicating a high degree of similarity between the fake and signal track distributions.

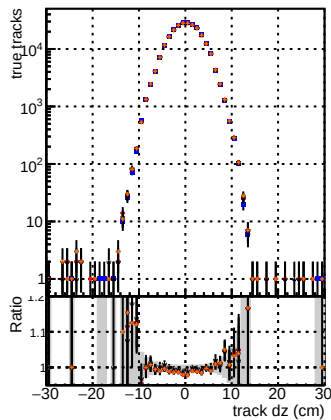
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

