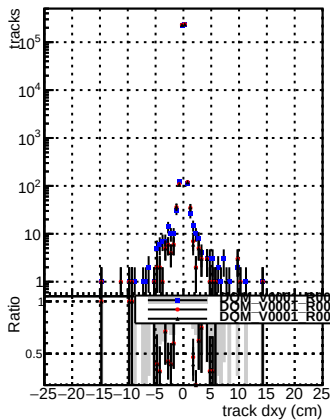
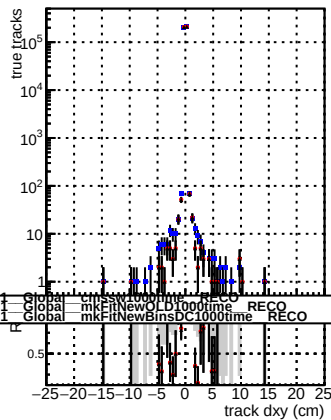


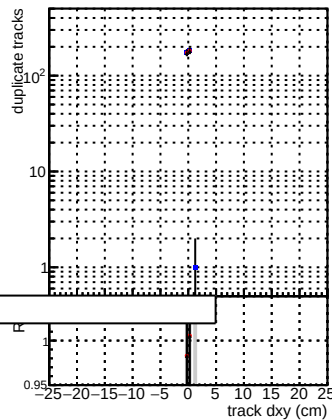
N of reco track vs dxy



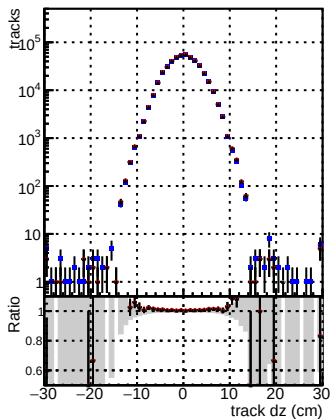
N of associated (recoToSim) tracks vs dxy



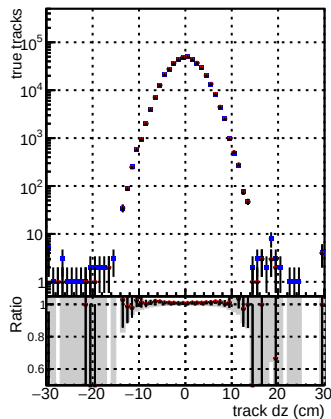
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



The figure consists of two vertically stacked plots sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30.

The top plot shows 'fake tracks' on a logarithmic y-axis ranging from 1 to 10^4 . The data points (blue dots) form a bell-shaped curve centered at 0 cm, peaking at approximately 4×10^3 . A solid black line represents a Gaussian fit to the data.

The bottom plot shows the 'Ratio' on a linear y-axis ranging from 1.0 to 1.4. The data points (black dots) are mostly clustered around 1.0, with some fluctuations. Shaded gray regions indicate the uncertainty or confidence intervals of the ratio.

N of associated (recoToSim) looper tracks vs dz

