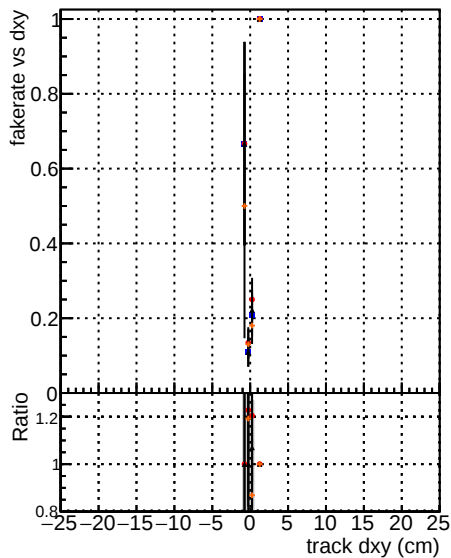


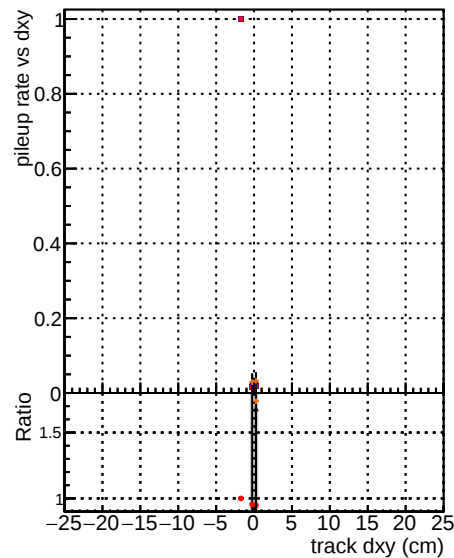
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Model	Fake rate vs d
DGM mkFit TTbase	~0.58
DGM mkFit TTbaseRetrainOldFiles125_v2_prelimWP_epoch4	~0.55
DGM mkFit TTbaseRetrainOldFiles125_v2_prelimWP_epoch2 wSQCD	~0.52
DGM mkFit TTbaseRetrainOldFiles125_v2_prelimWP_epoch4	~0.50

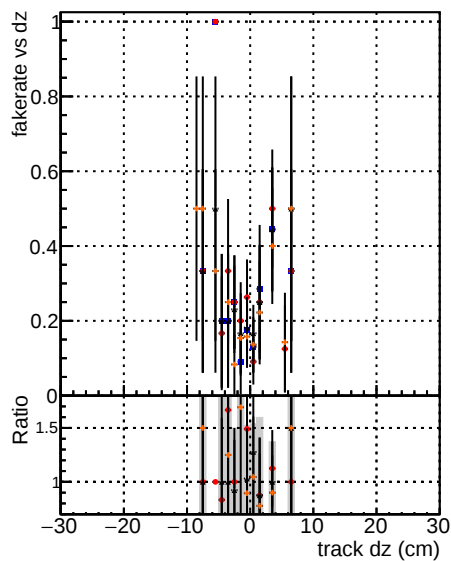


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top plot's y-axis is 'pile-up rate as dz' ranging from 0.0 to 0.2. It shows several vertical lines with error bars at different track dz values, with data points marked by colored dots (red, blue, orange). The bottom plot's y-axis is 'Ratio' ranging from 0.9 to 1.0. It shows the ratio of the pile-up rate to the pile-up rate at dz = 0 for the same track dz values, with data points marked by colored dots and vertical error bars. The ratio is 1.0 at dz = 0 and decreases as dz increases.