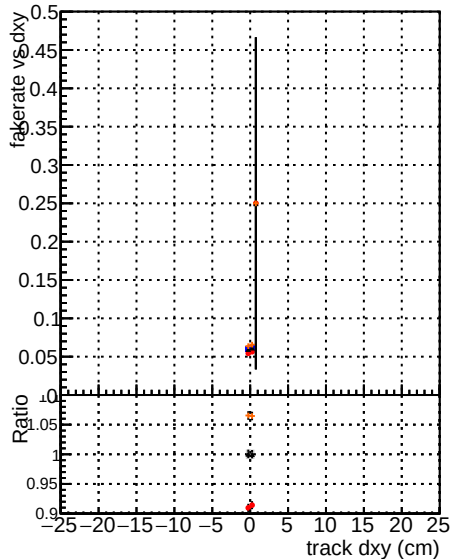
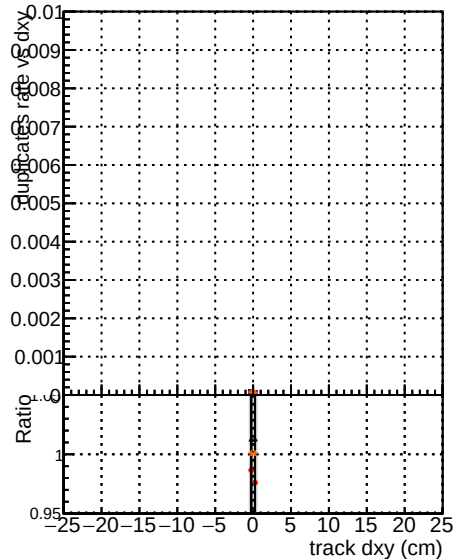


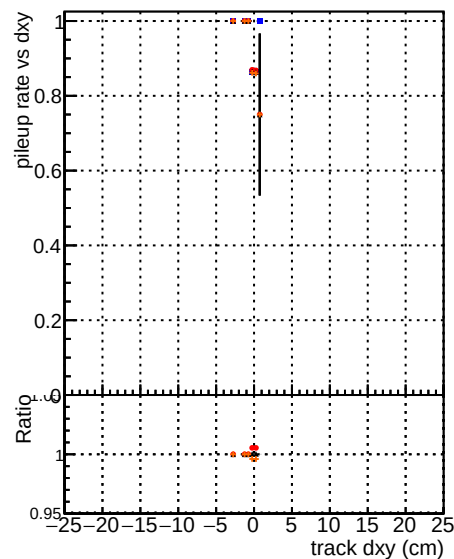
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Model	Blue Series	Red Series	Black Series
DOM	~0.35	~0.25	~0.15
mkFit	~0.35	~0.25	~0.15
TTbase	~0.35	~0.25	~0.15
TT	~0.35	~0.25	~0.15
refrainOldFiles125	~0.35	~0.25	~0.15
refrainNewFiles125	~0.35	~0.25	~0.15
AndSQCD	~0.35	~0.25	~0.15

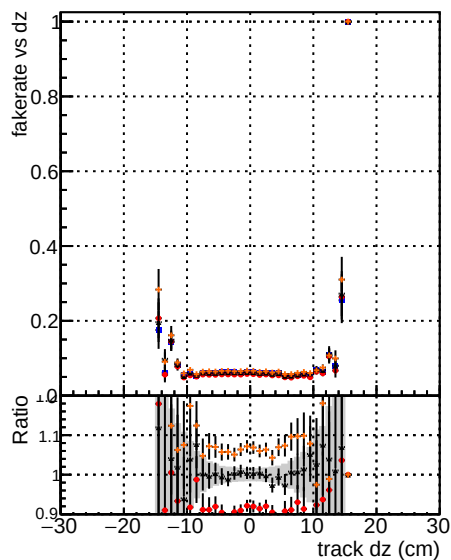


Figure 1 consists of two panels. The top panel is a plot of 'pileup rate vs dz' on the y-axis (ranging from 0.4 to 1.0) versus 'track dz (cm)' on the x-axis (ranging from -30 to 30). It shows data points with error bars for three models: black, blue, and red. The black model shows a sharp peak at dz = 0, while the blue and red models show a broader distribution. The bottom panel is a plot of 'Ratio' on the y-axis (ranging from 0.95 to 1.0) versus 'track dz (cm)' on the x-axis (ranging from -30 to 30). It shows the ratio of the pileup rate to the black model for the blue and red models, with a horizontal line at 1.0. The ratio is generally close to 1.0, indicating that the blue and red models are well-calibrated relative to the black model.