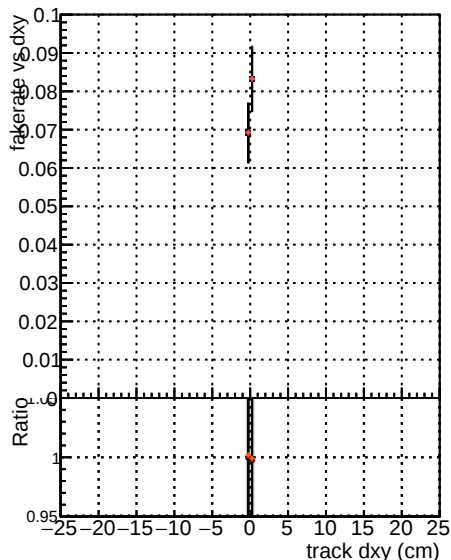


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

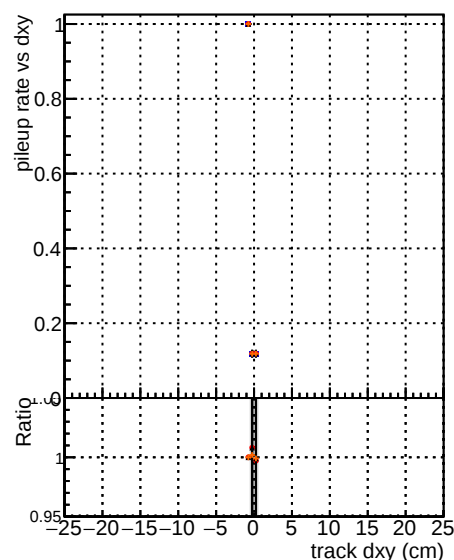


Figure 1: Comparison of the proposed method with the baseline. The figure shows two bar charts. The left chart, 'Fake rate vs d', compares the fake rate for different methods (DGM, V00001, R0000000000001, Global, mkFit, Original, RECO) across different values of d (1, 2, 3, 4, 5, 6, 7, 8, 9, 10). The right chart, 'Fake rate vs d', compares the fake rate for different methods (DGM, V00001, R0000000000001, Global, mkFit, Original, RECO) across different values of d (1, 2, 3, 4, 5, 6, 7, 8, 9, 10). The DGM method consistently shows the lowest fake rate across all values of d.

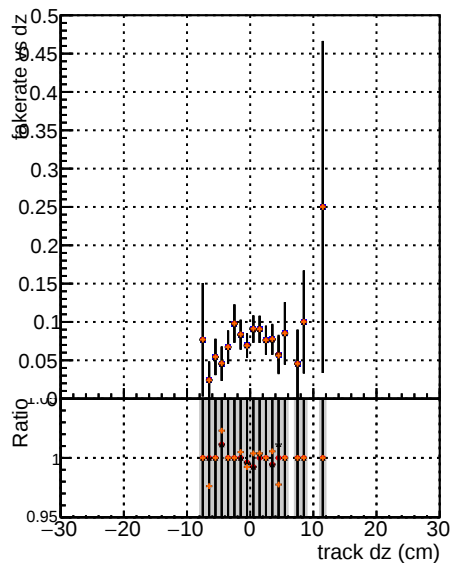


Figure 1 illustrates the relationship between different models and their RECO scores. The models are arranged in a grid, and arrows indicate that RECO is derived from the corresponding model.

Model	RECO
mkFitOriginal	RECO
mkFitNewDet	RECO
mkFitNewDet33	RECO
mkFitNewDetNoF	RECO

