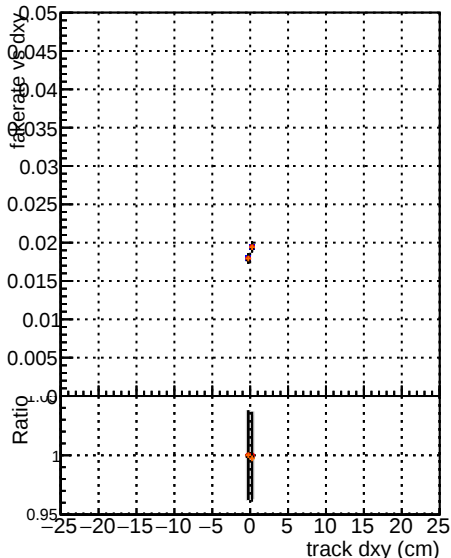
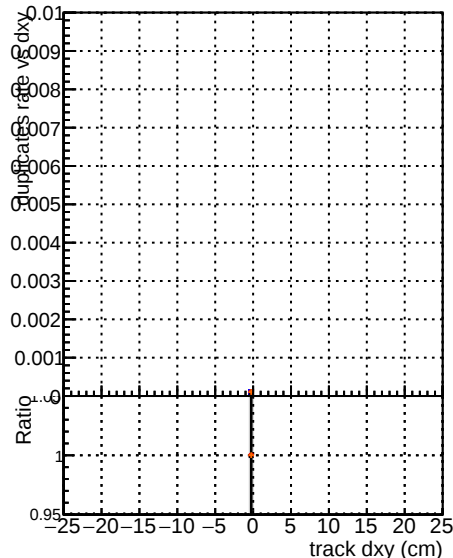


### Fake rate vs dxy



### Duplicates Rate vs Dxy



### Pileup rate vs dxy

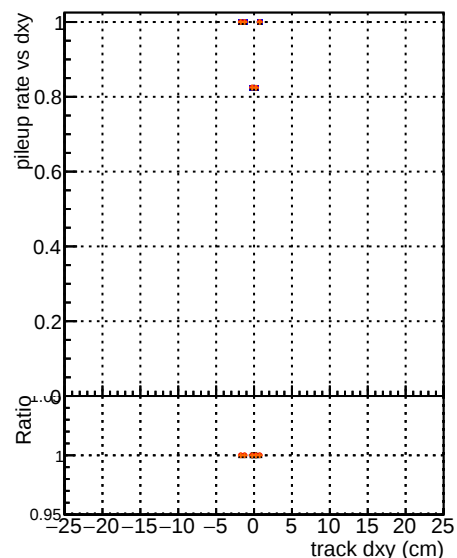
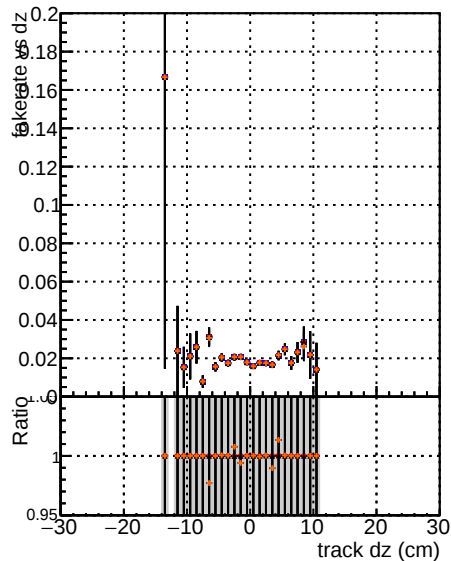


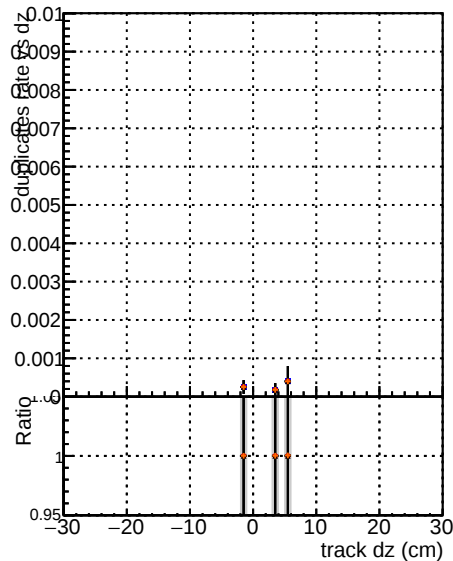
Figure 10: Fake rate vs  $d$ . The plot shows the fake rate as a function of  $d$  for various models and datasets. The y-axis is labeled 'Fake rate vs  $d$ ' and the x-axis is labeled ' $d$ '. The plot includes data for DOM V0001, B00000000001, Global, mkFitOriginal, RECO, mkFitINNOV, RECO, mkFitINNOV33, RECO, and mkFitNEWDEINOF, RECO. A legend indicates different markers for each model/dataset.



```

graph TD
    mkeFitOriginal --> RECO
    mkeFitNewDet --> RECO
    mkeFitNewDet33 --> RECO
    mkeFitNewDetNOF --> RECO

```



---

