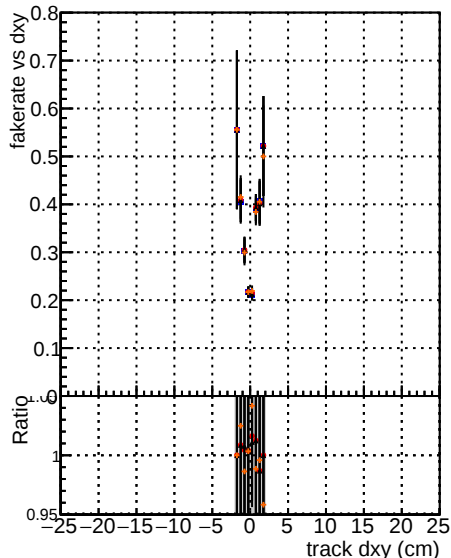


### Fake rate vs dxy



### Duplicates Rate vs Dxy



### Pileup rate vs dxy

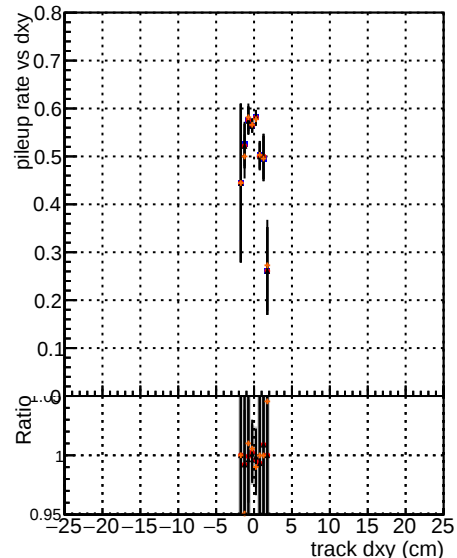
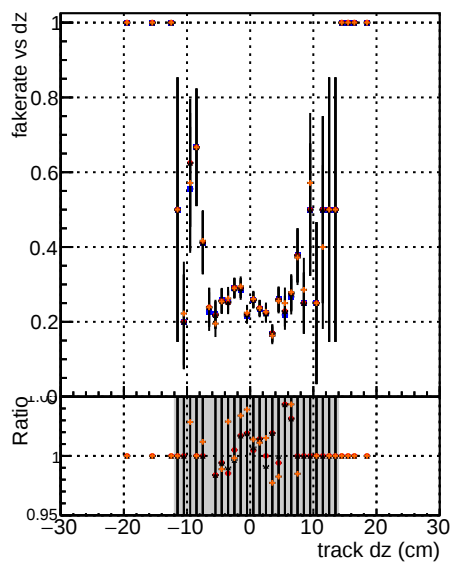


Figure 10: Fake rate vs d. The plot shows fake rates for three models: DQM V0001, Global mKF, and Global mKF. The y-axis is 'Fake rate vs d' and the x-axis is 'd'. The legend indicates three data series: Original RECO (blue), NewDet133 RECO (red), and NewDetNoF RECO (green). The plot shows that the fake rate is highest for the Original RECO model and lowest for the NewDetNoF model.



|   |  |                |   |      |
|---|--|----------------|---|------|
| a |  | mkFitOriginal  | - | RECO |
| a |  | mkFitNewDet    | - | RECO |
| a |  | mkFitNewDetH33 | - | RECO |
| a |  | mkFitNewDetNoF | - | RECO |



---

