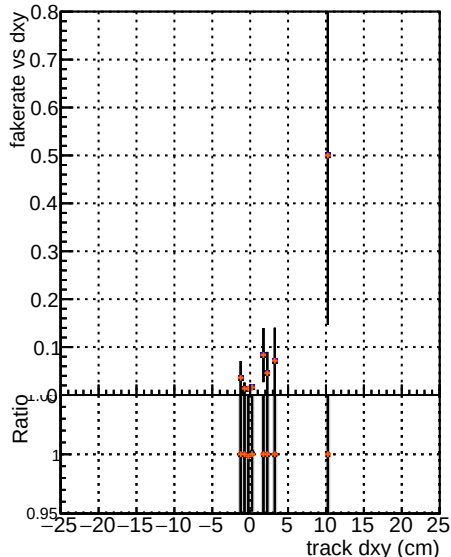
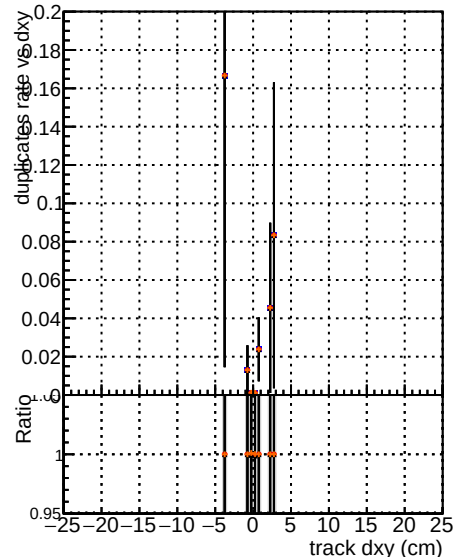


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

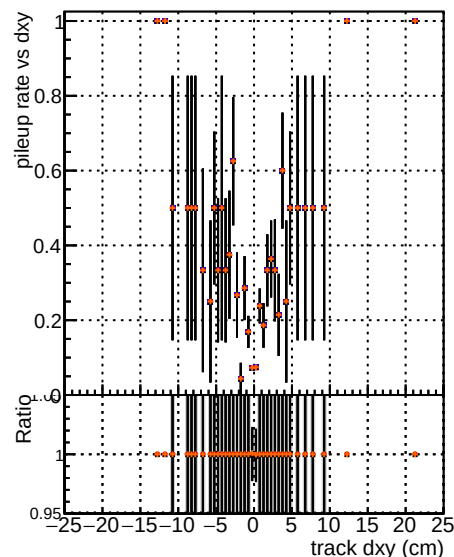
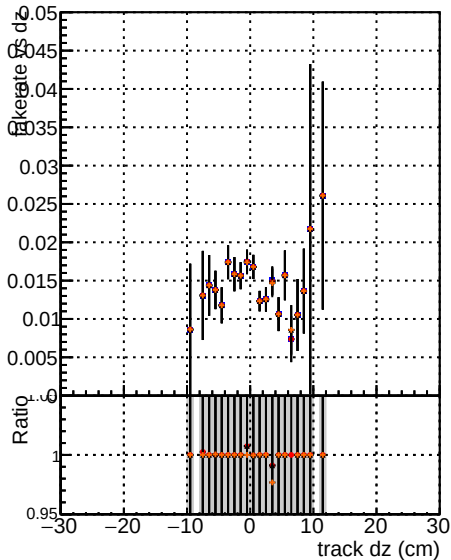


Figure 6 displays the Fake rate versus d . The plot compares several models and methods. The y-axis represents the Fake rate, ranging from 0 to 1. The x-axis represents d , with values 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. The legend indicates the following series:

- DGM V00001 (Blue line)
- B000000000001 (Red line)
- Global (Green line)
- mkFitOriginal (Black line)
- RECO (Grey line)
- mkFitNewDet0133 (Light blue line)
- RECO (Dark grey line)

The plot shows that the Fake rate generally increases with d for most models. The DGM V00001 model shows a sharp increase in Fake rate at $d=1$ and remains high. The B000000000001 model shows a sharp increase at $d=1$ and remains high. The Global model shows a sharp increase at $d=1$ and remains high. The mkFitOriginal model shows a sharp increase at $d=1$ and remains high. The RECO model shows a sharp increase at $d=1$ and remains high. The mkFitNewDet0133 model shows a sharp increase at $d=1$ and remains high. The RECO model shows a sharp increase at $d=1$ and remains high.

Fake rate vs d



mkFiltNewDett04-REC8

