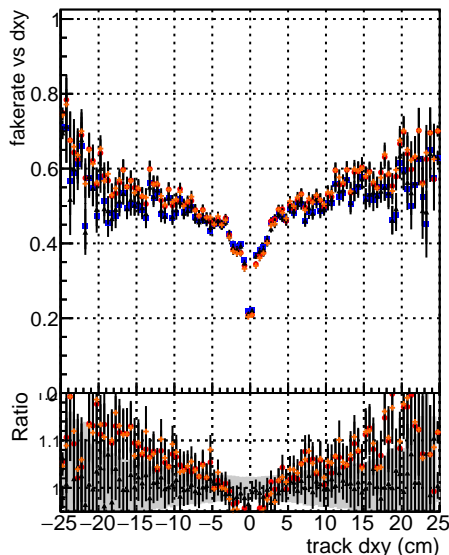
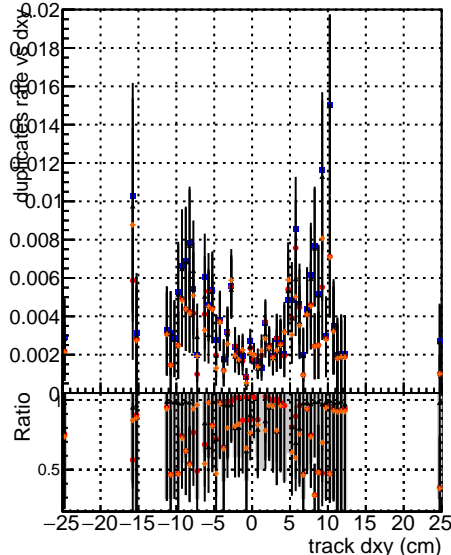
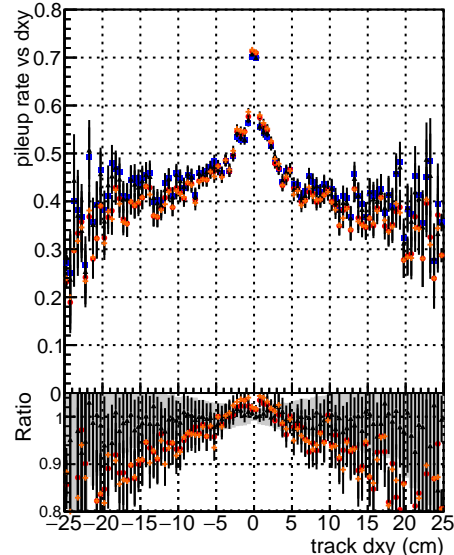


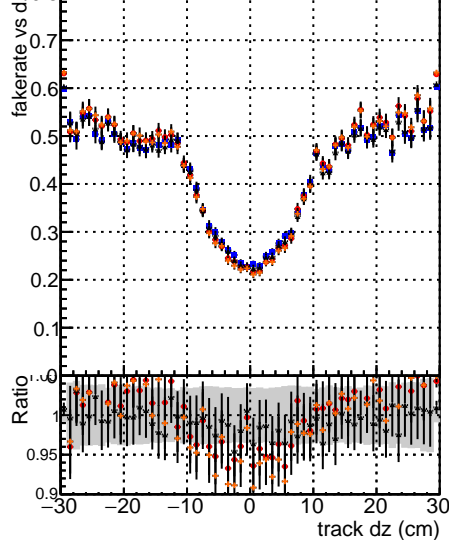
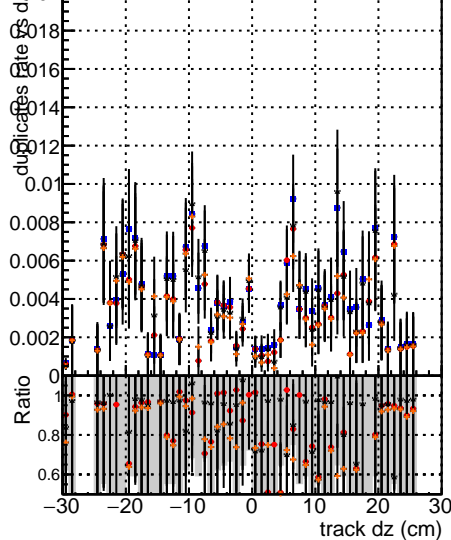
Fake rate vs dxy**Duplicates Rate vs Dxy****Pileup rate vs dxy**

Legend for all plots:

- Blue circle: DGM mkFit TTbase
- Orange circle: DGM mkFit TTbase
- Black circle: DGM mkFit TTbase

Legend for the bottom row plots:

- Blue circle: DGM mkFit TTbase
- Orange circle: DGM mkFit TTbase
- Black circle: DGM mkFit TTbase

Fake rate vs dz**Duplicates Rate vs Dz****Pileup rate vs dz**