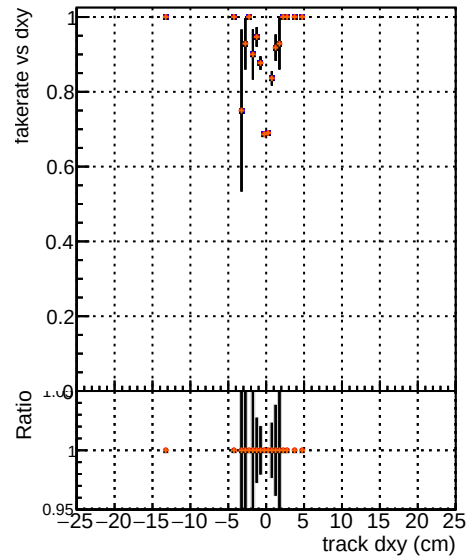
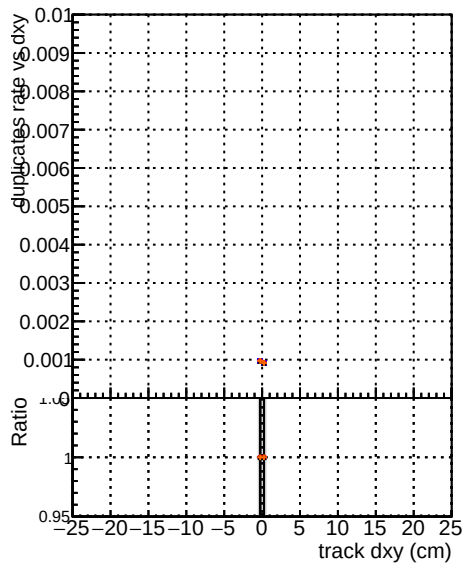


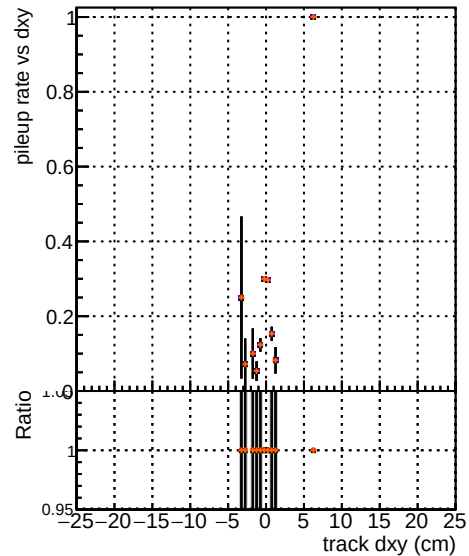
Fake rate vs dxy



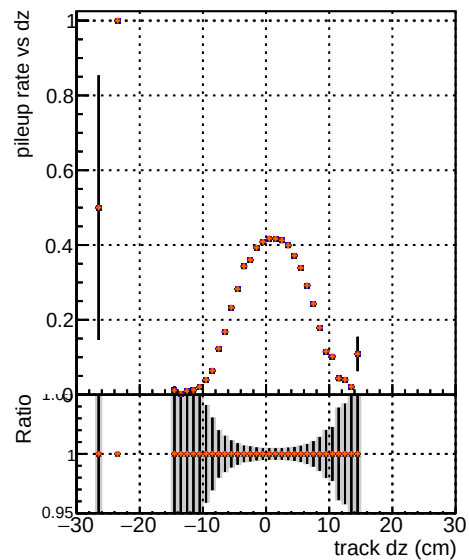
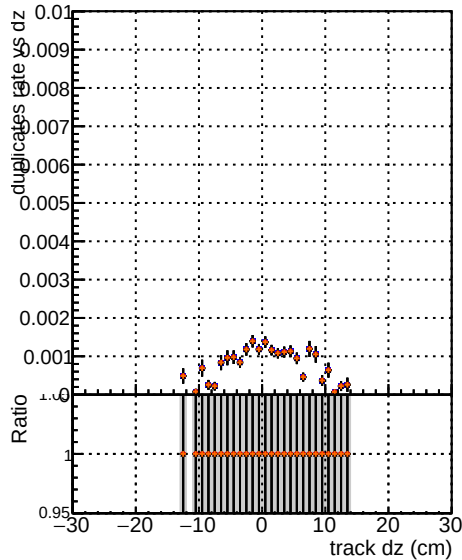
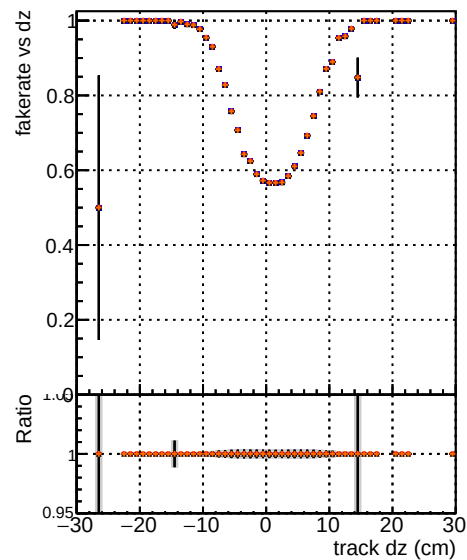
Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs dz



Legend:

- original noPU
- parton shower only
- parton shower + max info
- parton shower + max info + FWD PU
- parton shower + max info + FWD PU