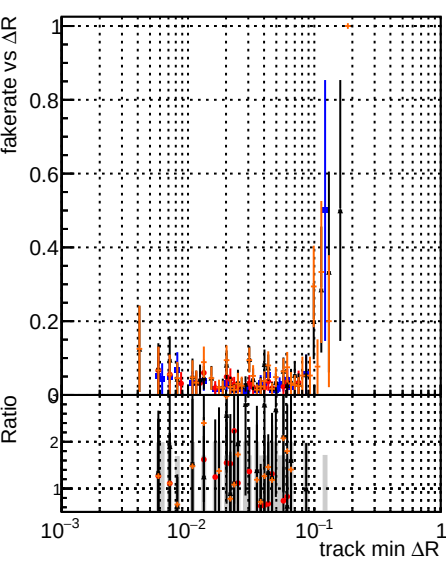


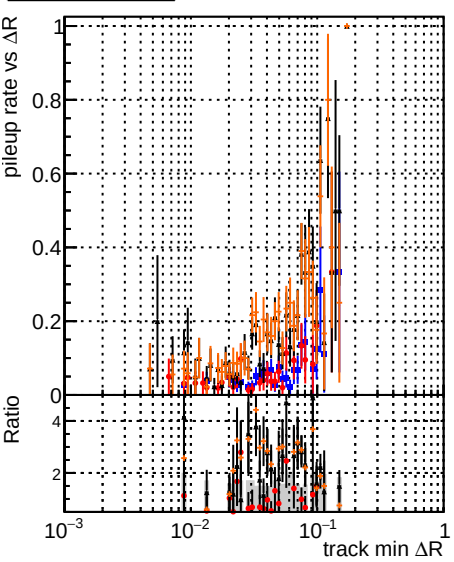
Fake rate vs dr



Duplicates Rate vs dr



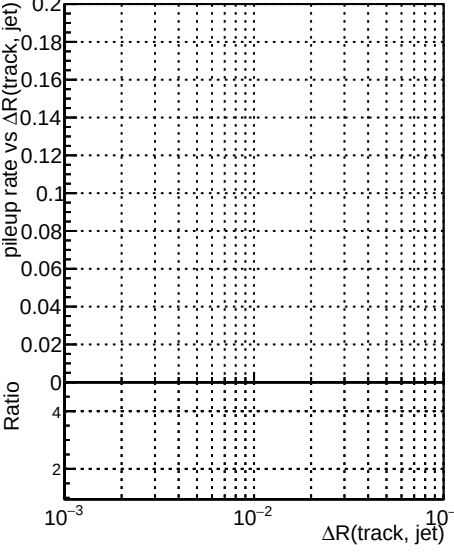
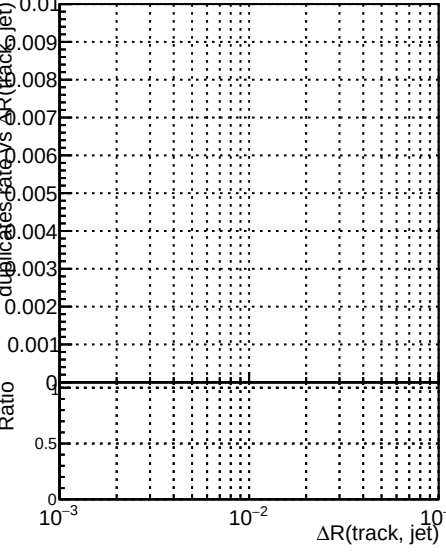
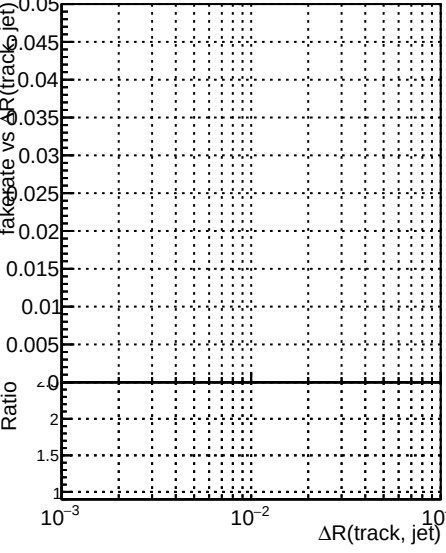
Pileup rate vs dr



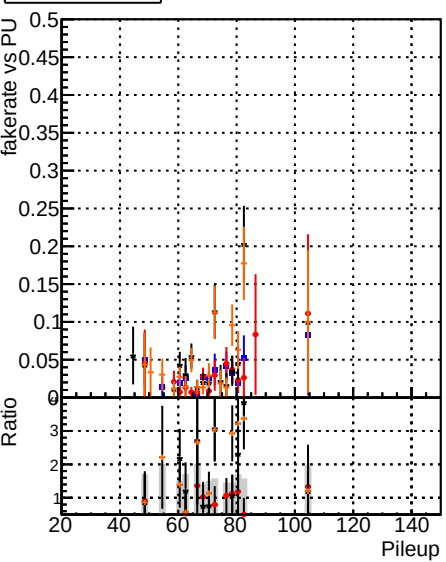
Fake rate vs $\Delta R(\text{track, jet})$

Legend:

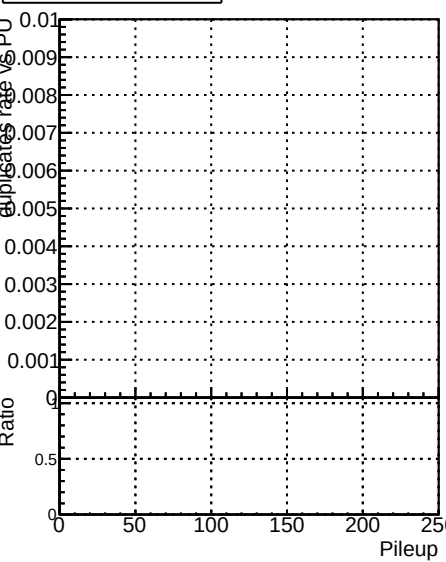
- original4 (blue line with circles)
- testIMKFit (orange line with circles)
- testIMKFit initialStepReso (red line with circles)
- testIMKFit initialStepReso testSorting (black line with circles)



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

