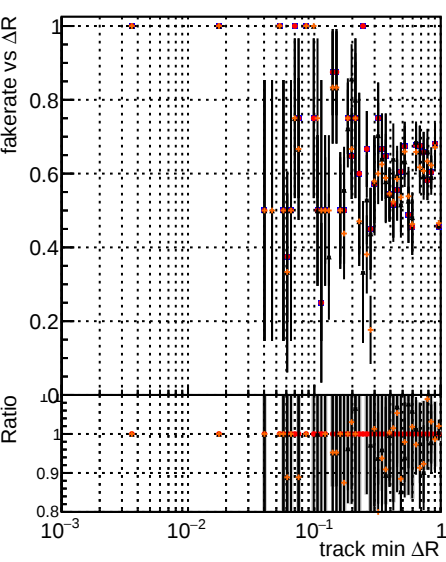
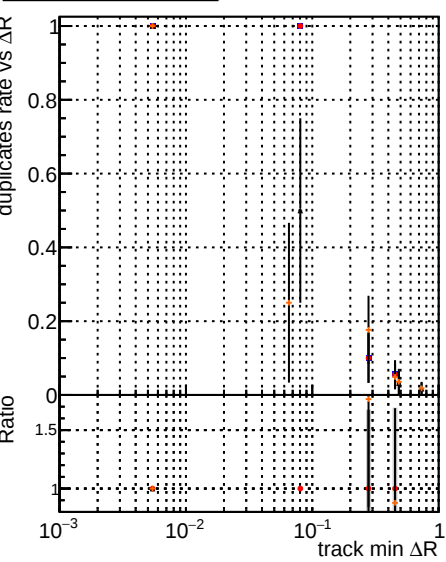


Fake rate vs dr



Duplicates Rate vs dr



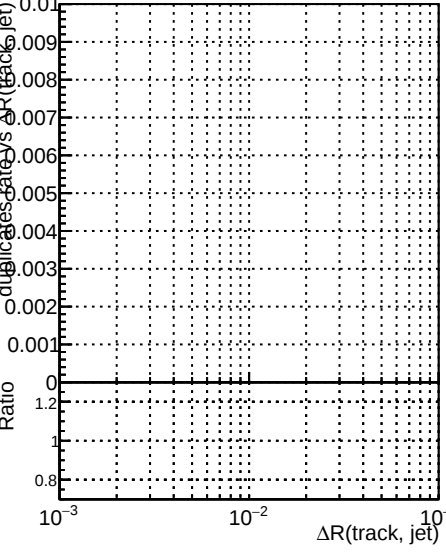
Pileup rate vs dr



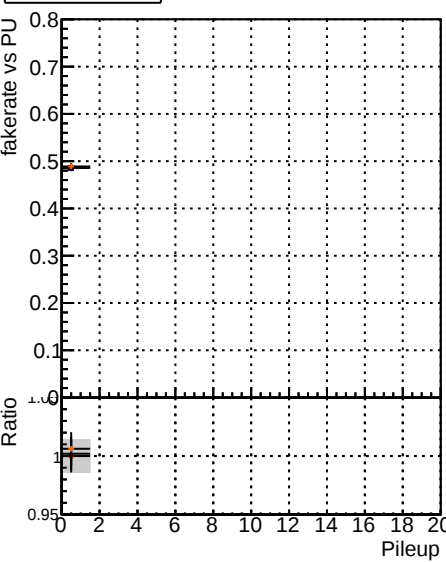
Fake rate vs $\Delta R(\text{track, jet})$

Legend:

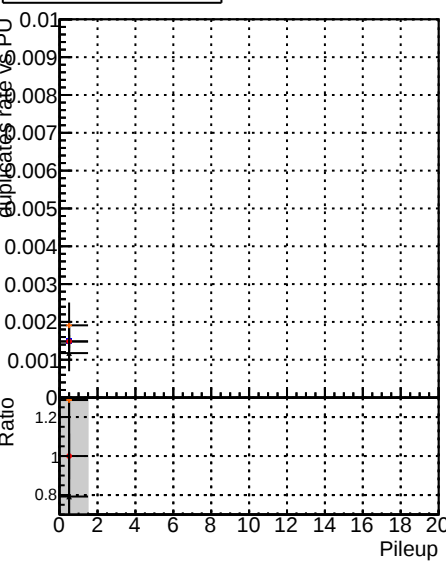
- DOM (black line)
- XiMinus (blue line)
- original lowpt (red line)
- newbranch lowpt (orange line)
- original lowpt pLess (black line)
- newbranch lowpt pLess (orange line)



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

