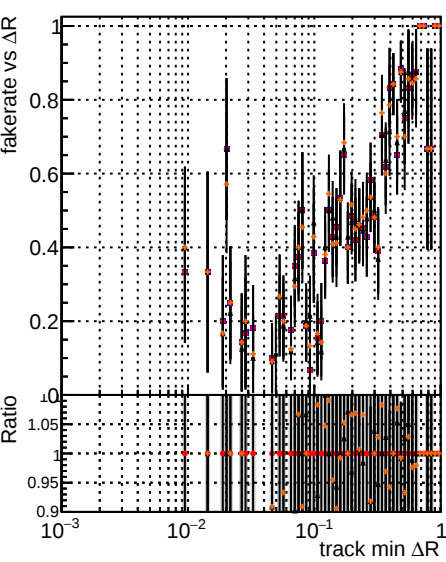


Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



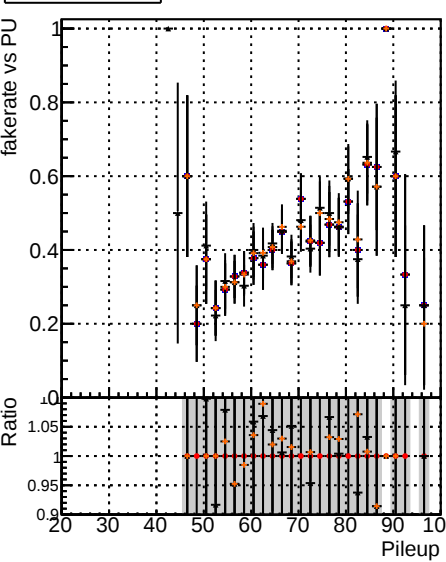
Fake rate vs $\Delta R(\text{track, jet})$

Legend:

- original_lowpt (black line with dots)
- newbranch_lowpt (blue line with dots)
- original_lowpt_pless (red line with dots)
- newbranch_lowpt_pless (orange line with dots)



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

