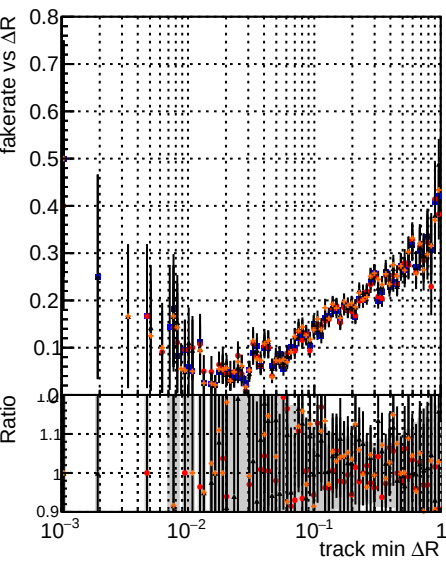


Fake rate vs dr



Duplicates Rate vs dr



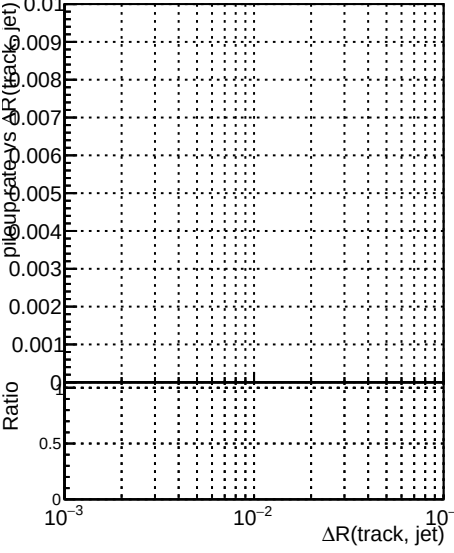
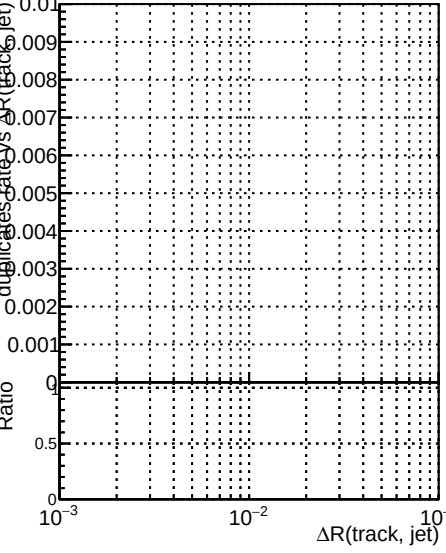
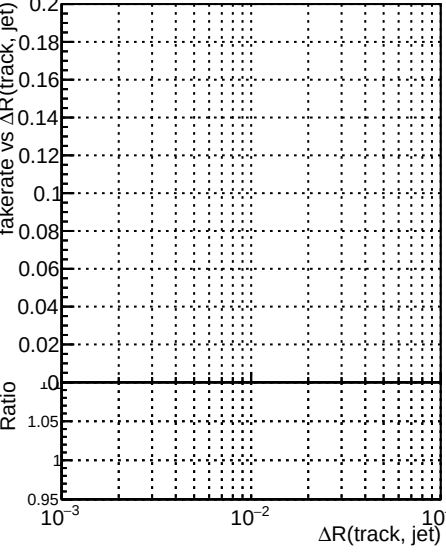
Pileup rate vs dr



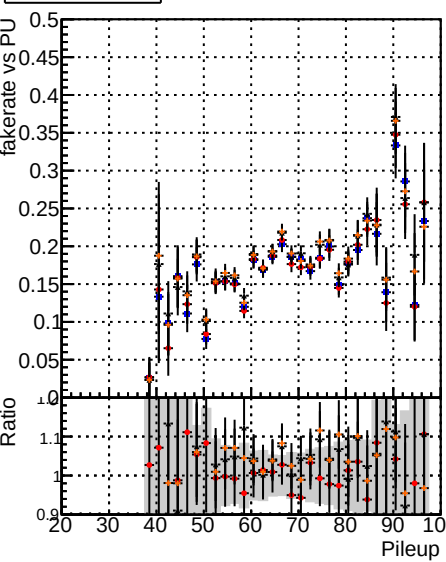
Fake rate vs $\Delta R(\text{track, jet})$

Legend:

- Original (black line)
- mktFit (blue line)
- NEWHS-improved (red line)
- NEWHS-improved (red line)
- NEWHS-improved (red line)



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

