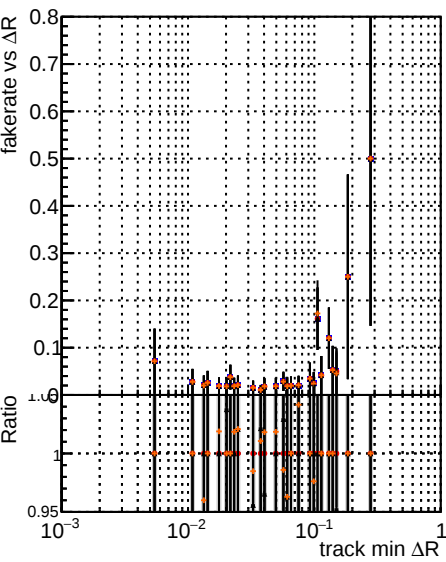


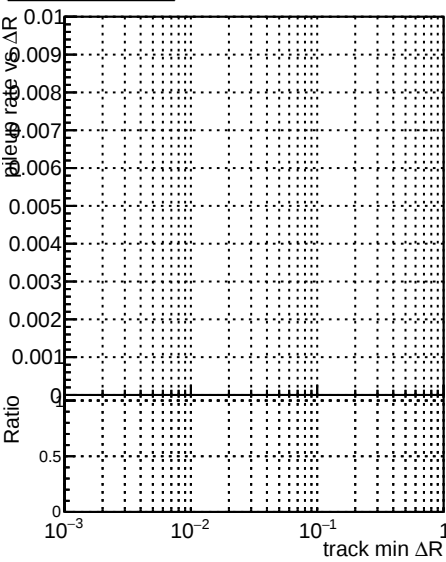
Fake rate vs dr



Duplicates Rate vs dr



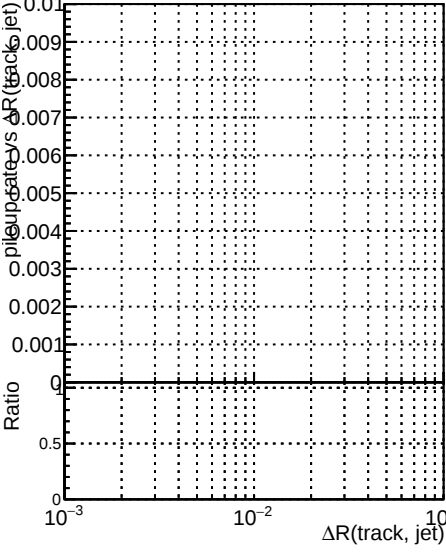
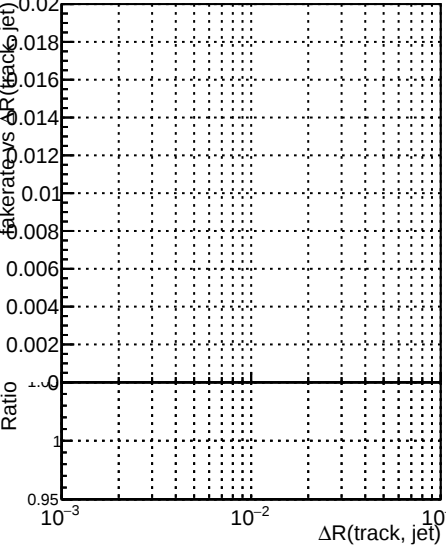
Pileup rate vs dr



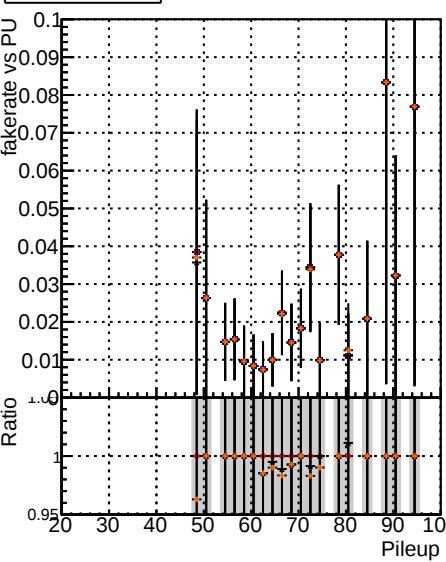
Fake rate vs $\Delta R(\text{track, jet})$

Legend:

- original
- newbranch
- original pLess
- newbranch pLess



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

