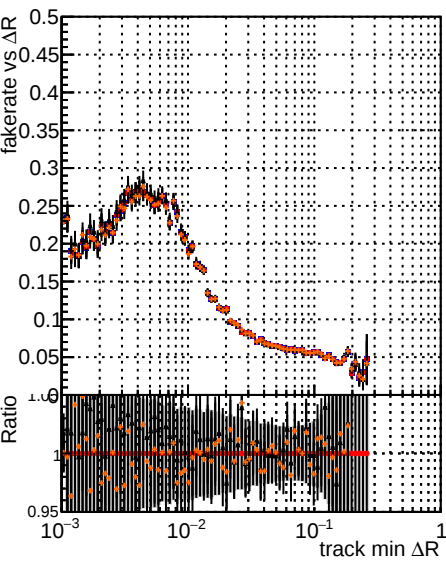
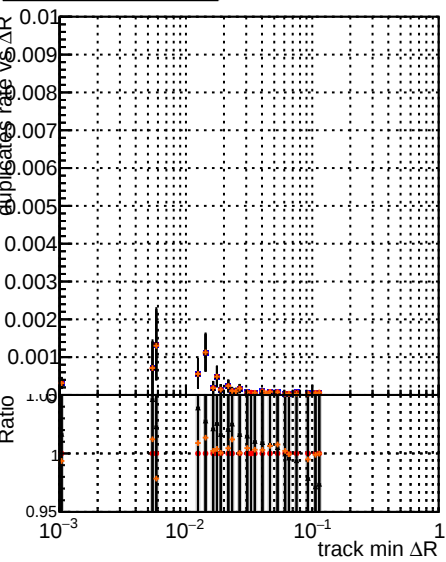


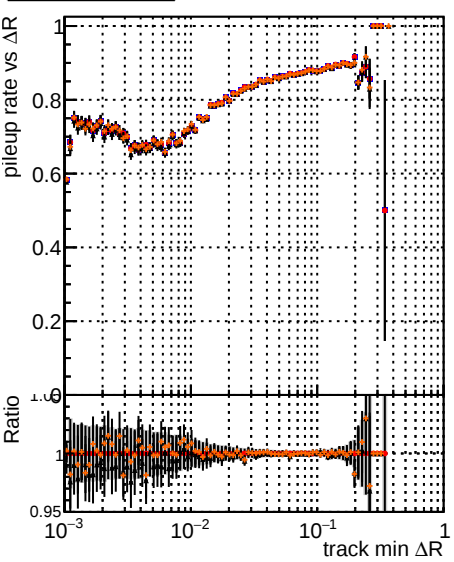
Fake rate vs dr



Duplicates Rate vs dr



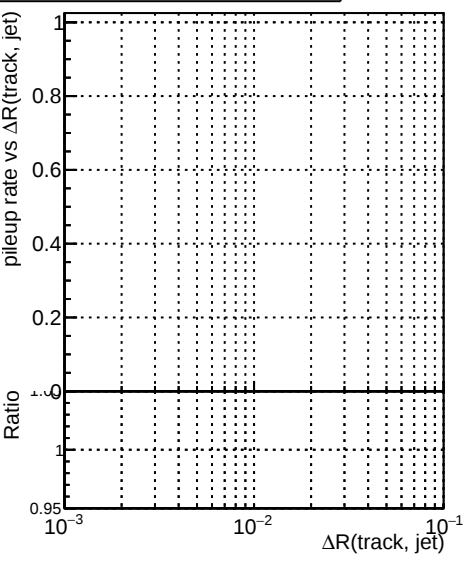
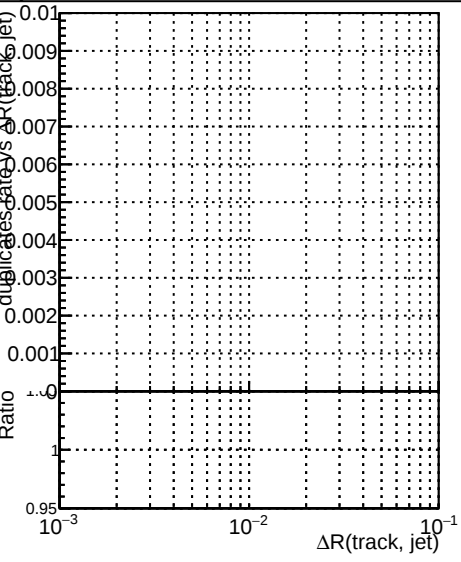
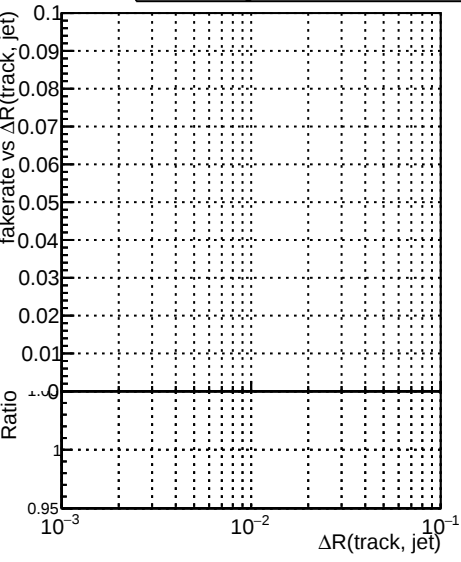
Pileup rate vs dr



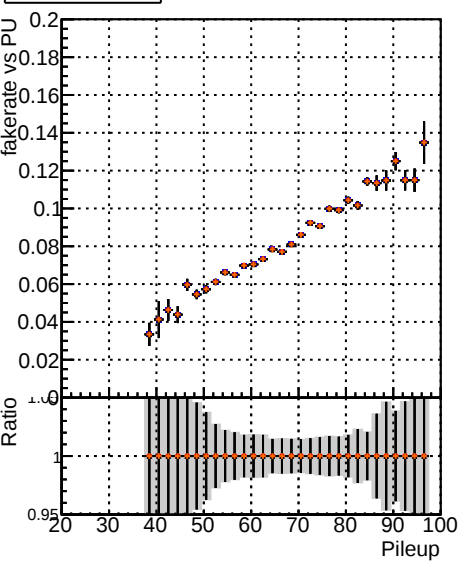
Legend for Fake rate vs ΔR , Duplicates Rate vs ΔR , and Pileup rate vs ΔR :

- original lowpt
- newbranch lowpt
- original lowpt pLess
- newbranch lowpt pLess

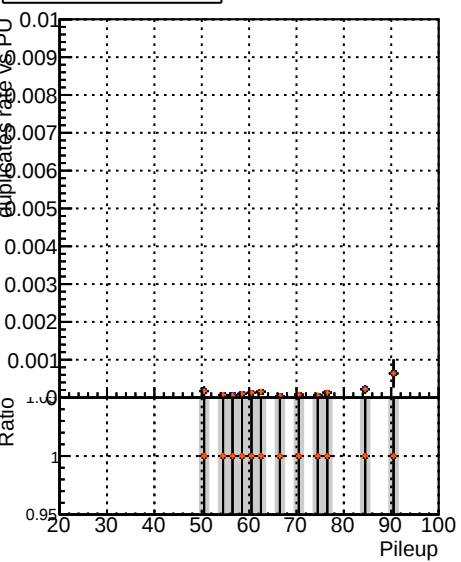
Fake rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

