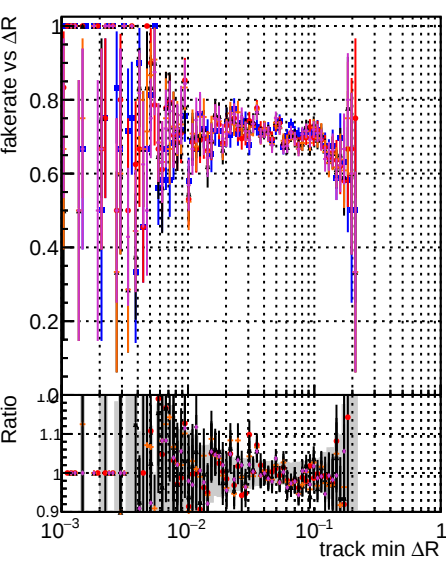
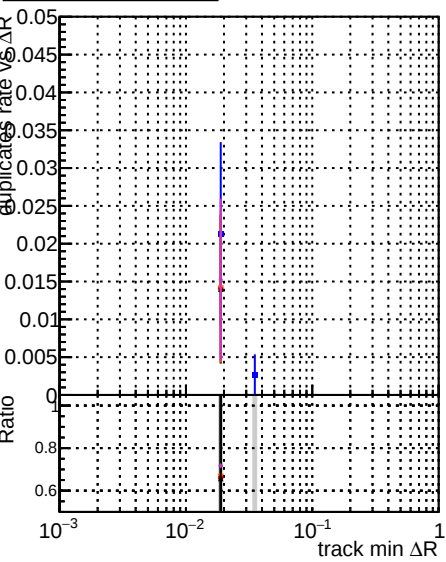


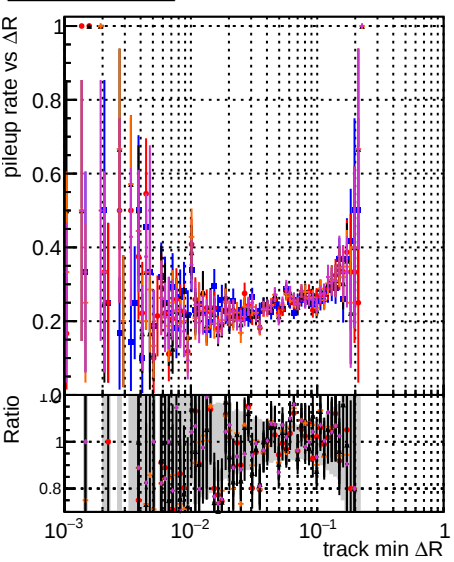
Fake rate vs dr



Duplicates Rate vs dr



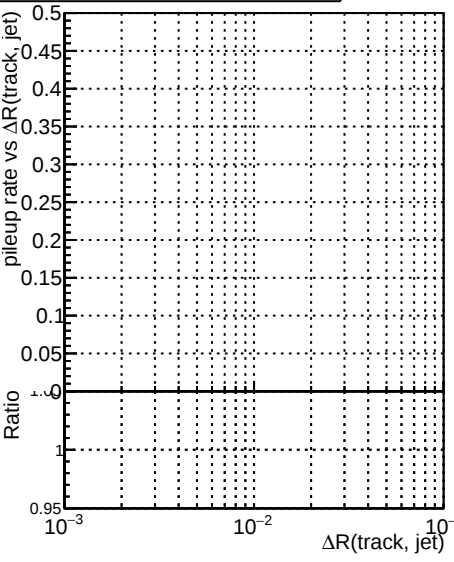
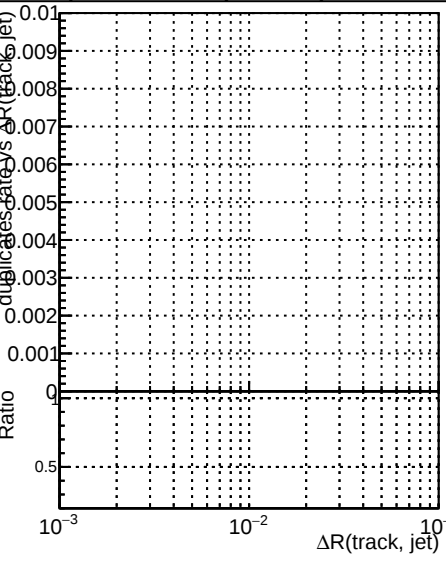
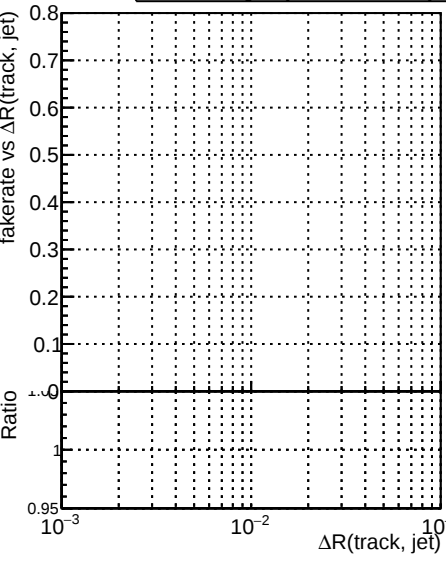
Pileup rate vs dr



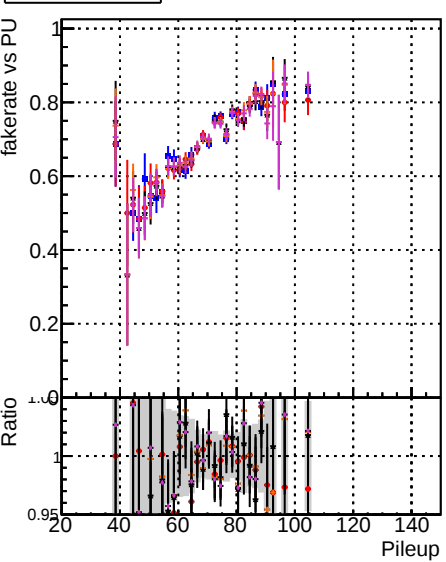
Legend for Fake rate vs  $\Delta R$ , Duplicates Rate vs  $\Delta R$ , and Pileup rate vs  $\Delta R$ :

- original
- step2
- thbar
- phase1
- newgeom
- original
- step2
- thbar
- phase1
- newgeom
- original
- step2
- thbar
- phase1
- newgeom

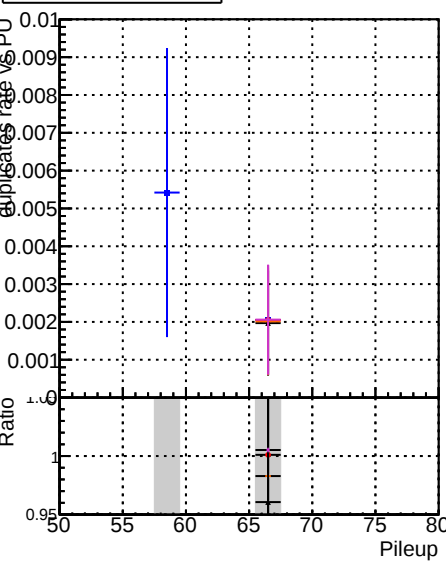
Fake rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

