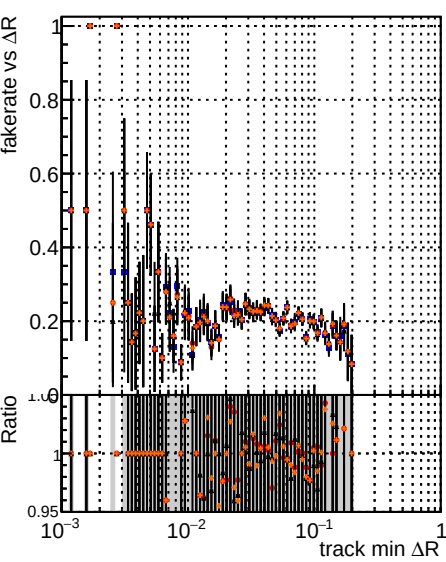


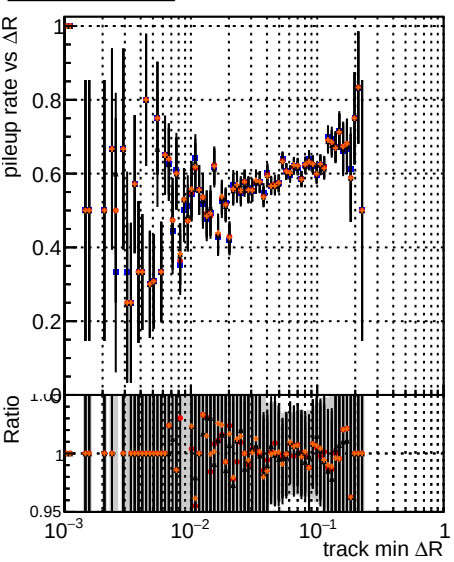
Fake rate vs dr



Duplicates Rate vs dr



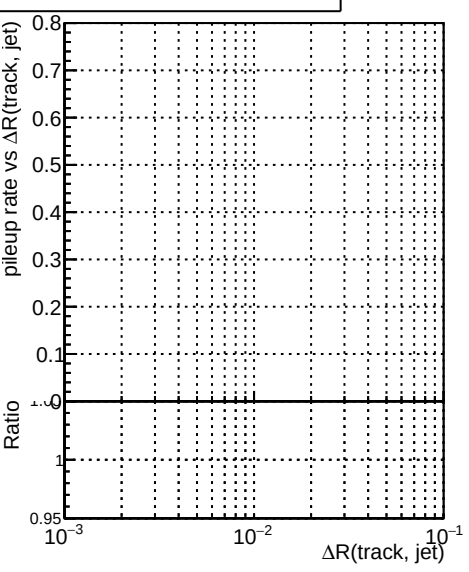
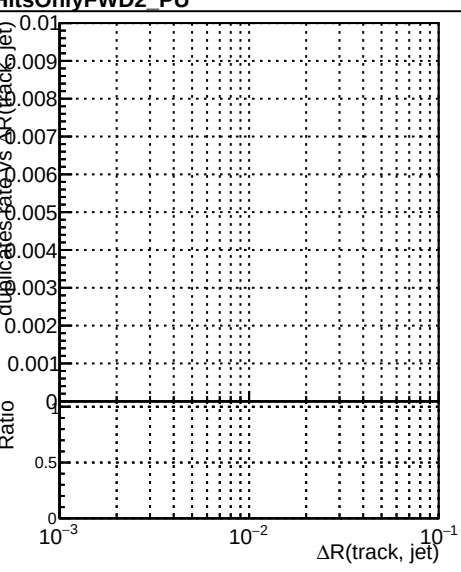
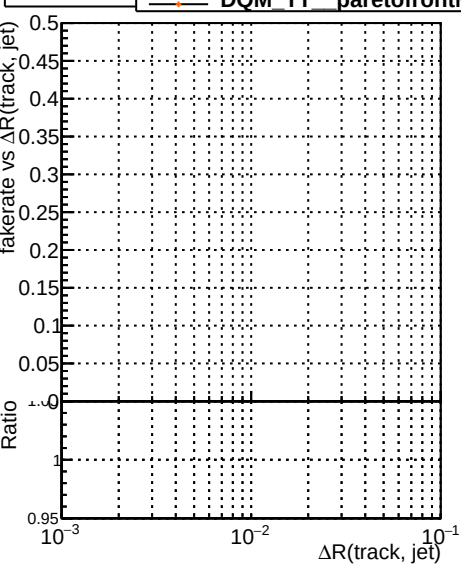
Pileup rate vs dr



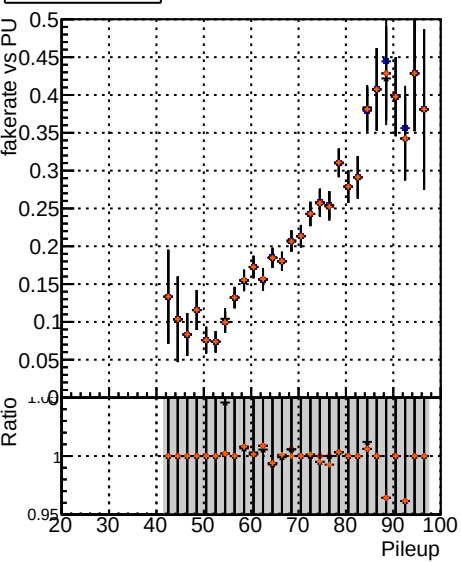
Legend for Fake rate vs ΔR , Duplicates Rate vs ΔR , and Pileup rate vs ΔR :

- original (black)
- noPU (blue)
- paretofront (red)
- MaxEffOnlyFWD2_PU (green)
- MinHitOnlyFWD2_PU (orange)
- MaxHitOnlyFWD2_PU (purple)

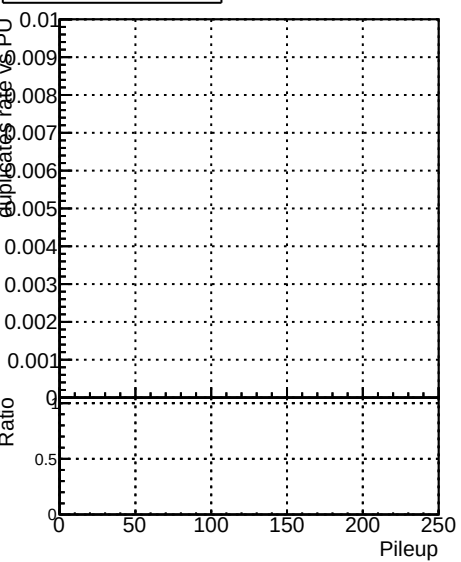
Fake rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

