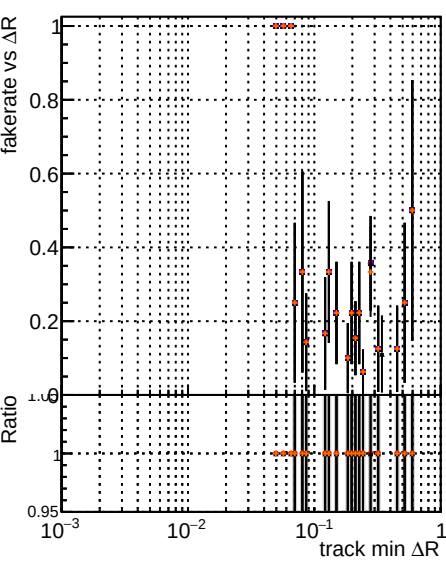
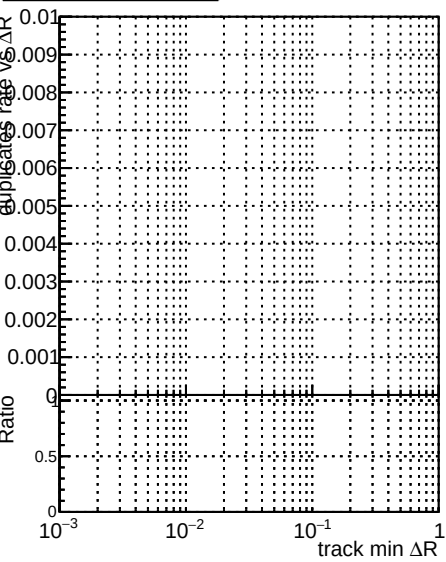


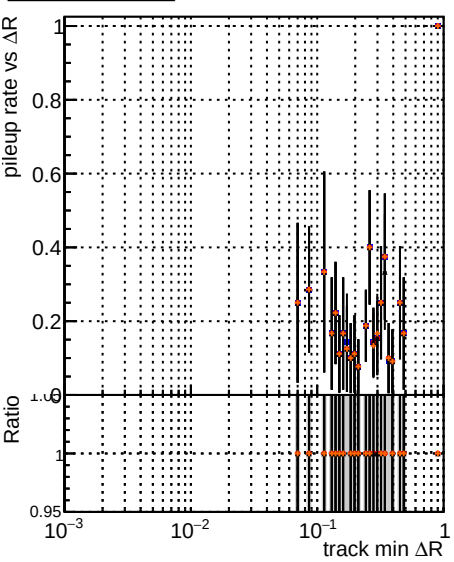
Fake rate vs dr



Duplicates Rate vs dr



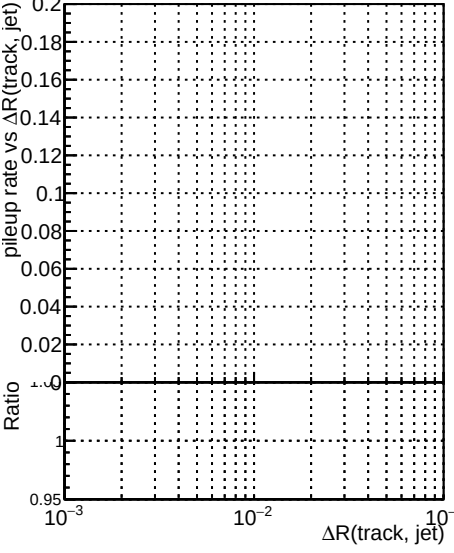
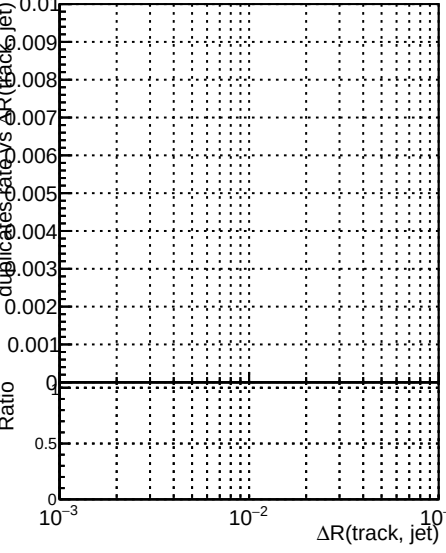
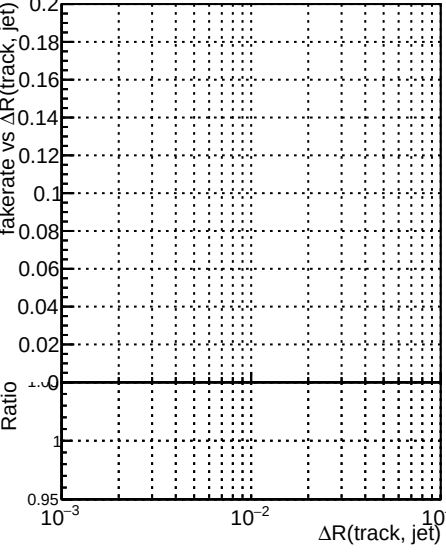
Pileup rate vs dr



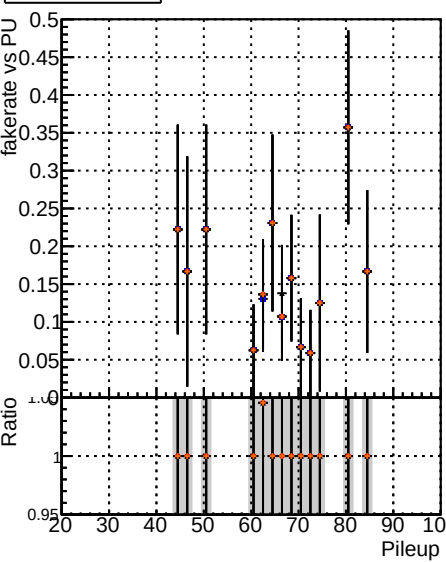
Fake rate vs $\Delta R(\text{track, jet})$

Legend:

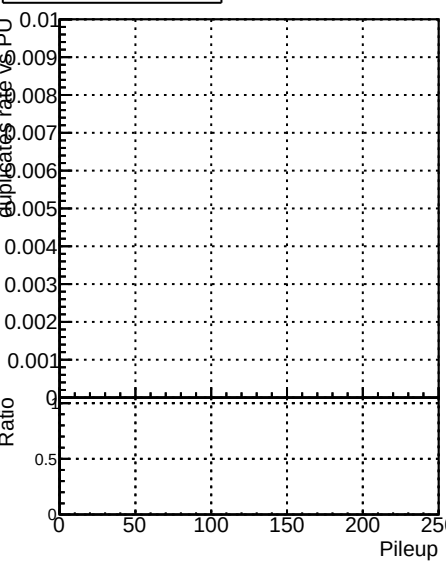
- original PU (black dots)
- trainOnX12 3PU (orange dots)
- trainOnX12 5PU (blue dots)
- trainOnX12 7PU (red dots)



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

