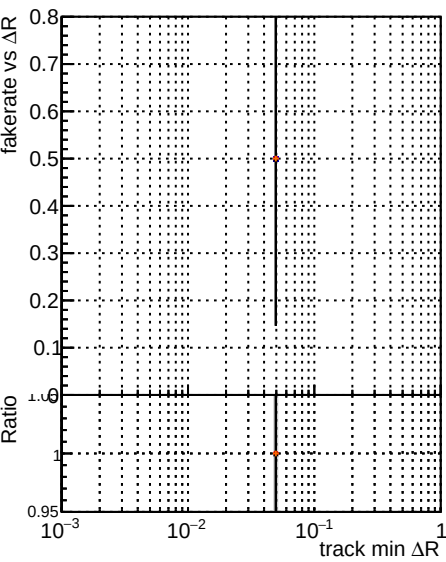


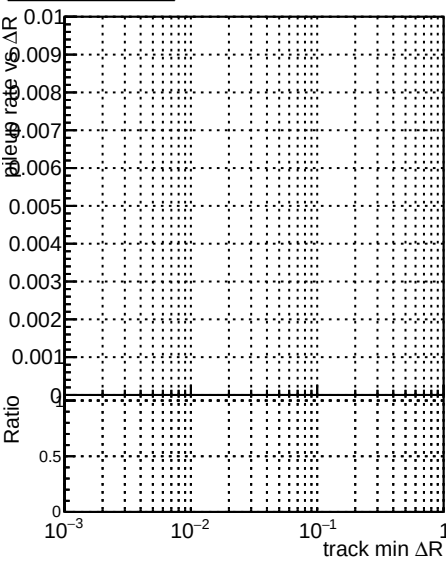
Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



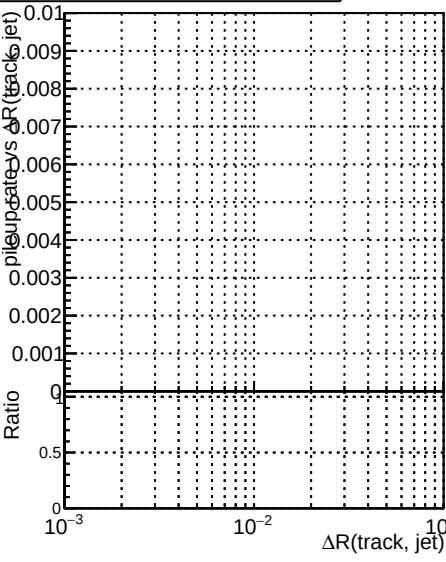
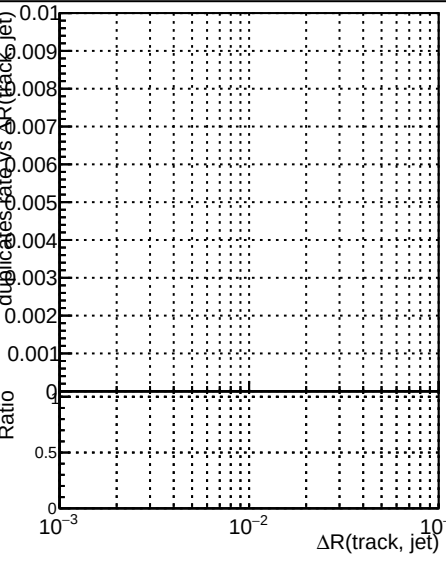
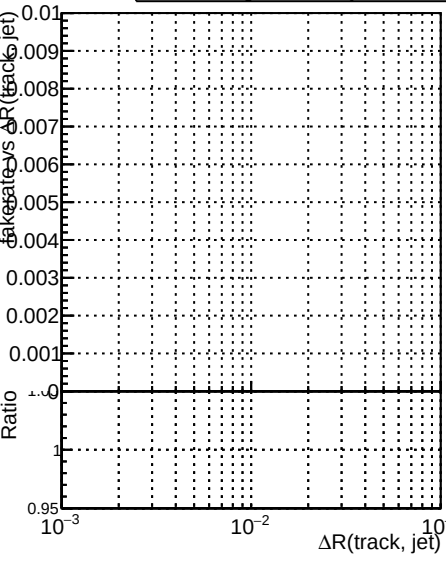
Fake rate vs $\Delta R(\text{track}, \text{jet})$

Duplicates Rate vs $\Delta R(\text{track}, \text{jet})$

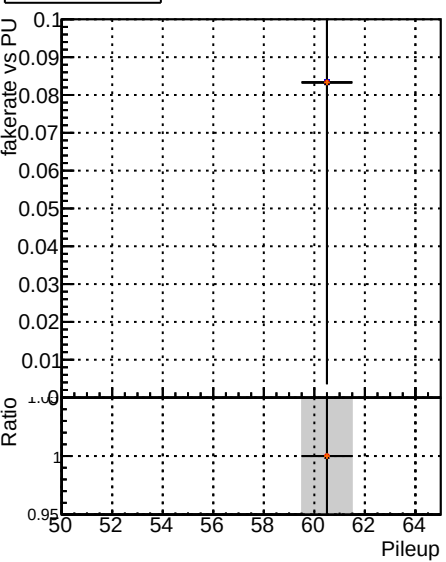
Pileup rate vs $\Delta R(\text{track}, \text{jet})$

Legend:

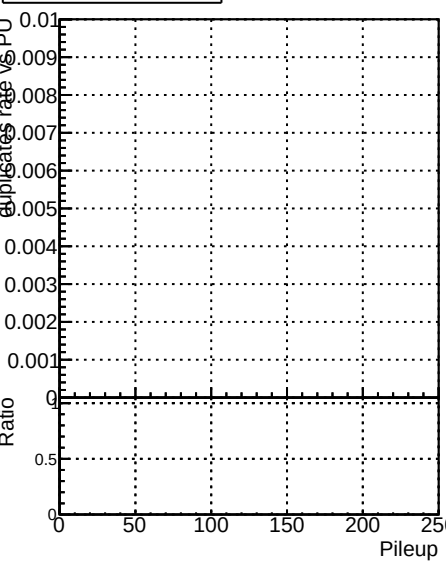
- original
- PU1
- PU2
- PU3



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

