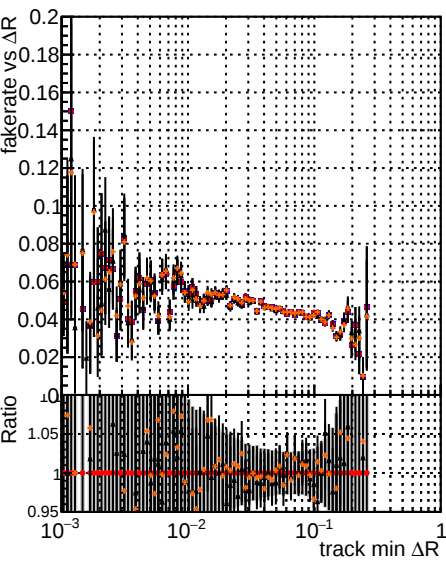
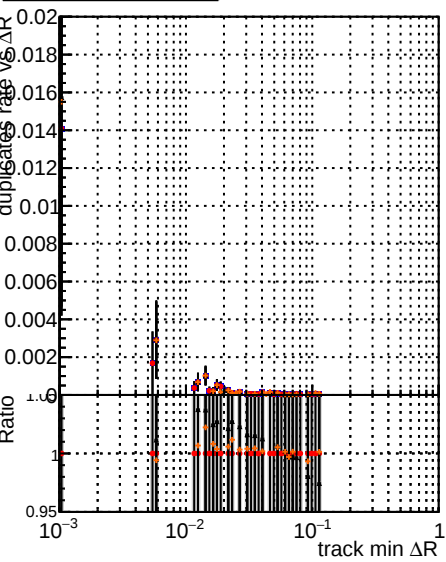


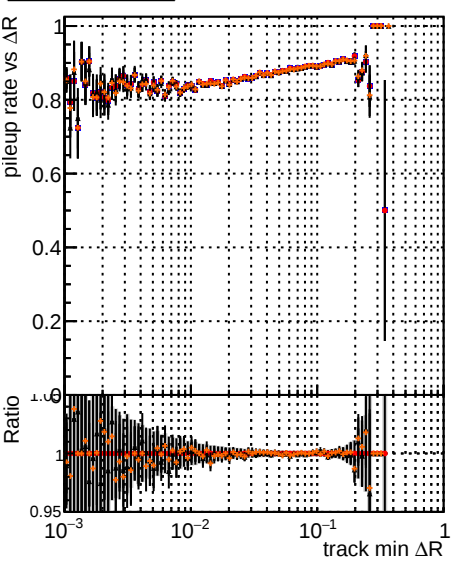
Fake rate vs dr



Duplicates Rate vs dr



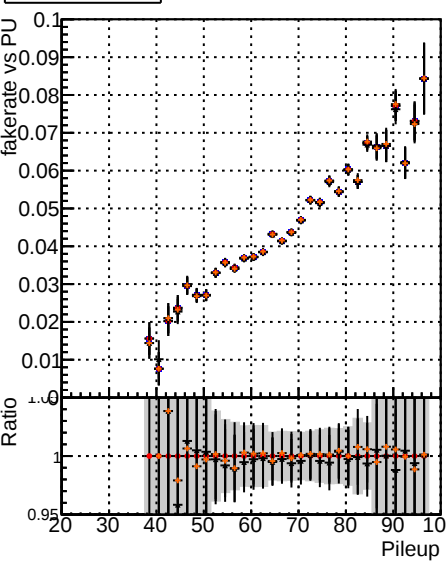
Pileup rate vs dr



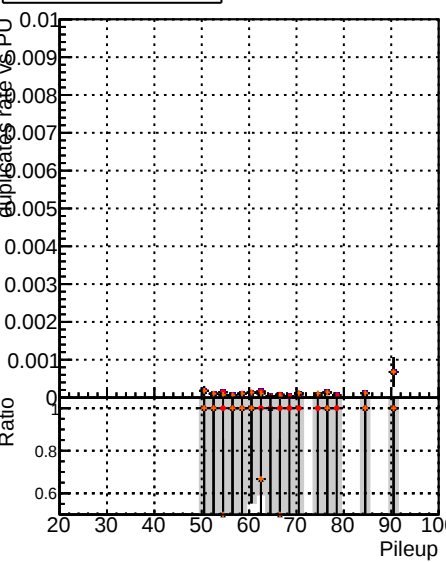
Fake rate vs $\Delta R(\text{track}, \text{jet})$
Legend:
- $\text{DOM} \text{ TT}$ original lowpt
- $\text{DOM} \text{ TT}$ newbranch lowpt
- $\text{DOM} \text{ TT}$ original lowpt pless
- $\text{DOM} \text{ TT}$ newbranch lowpt pless



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

