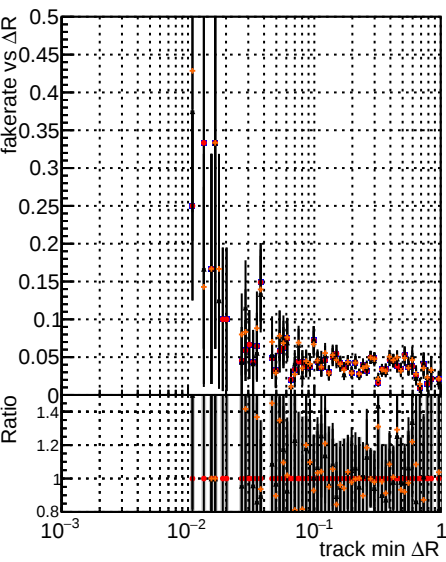


Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



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

Ratio

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

Ratio

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

Ratio

Fake rate vs pu

Ratio

Duplicates Rate vs pu

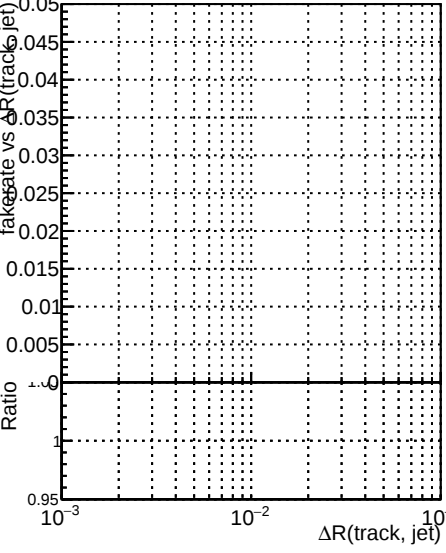
Ratio

Pileup rate vs pu

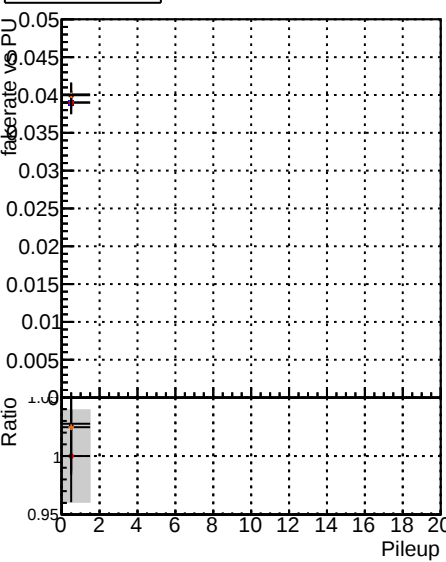
Ratio

Legend:

- DOM X Minus original
- DOM X Minus newbranch
- DOM X Minus original pless
- DOM X Minus newbranch pless



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

