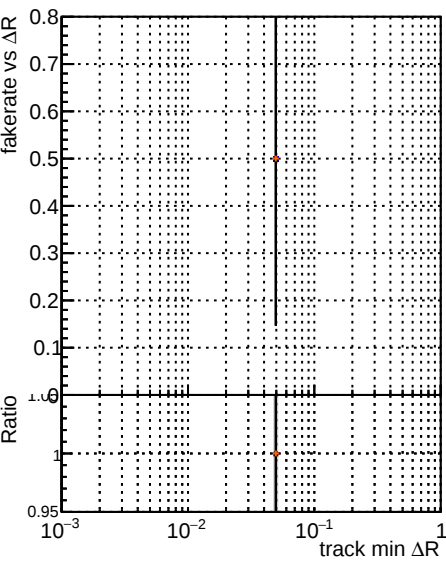


Fake rate vs dr



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

Ratio

Ratio

Ratio

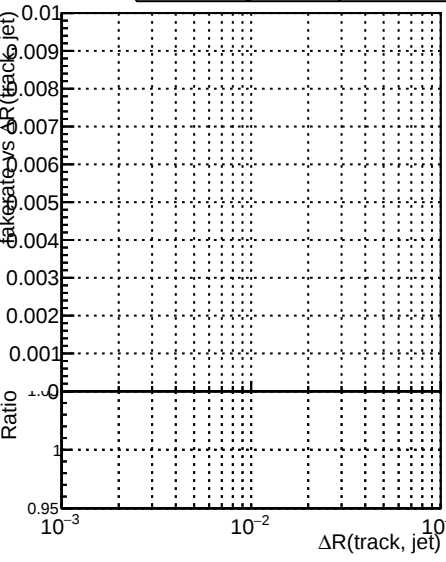
$\Delta R(\text{track}, \text{jet})$

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

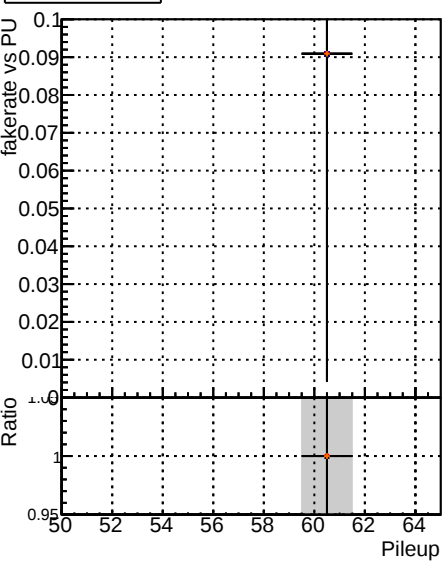
$\Delta R(\text{track}, \text{jet})$

Legend:

- original noPU
- paretofrontMaxEff
- paretofrontMinEff
- paretofrontMinR



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

