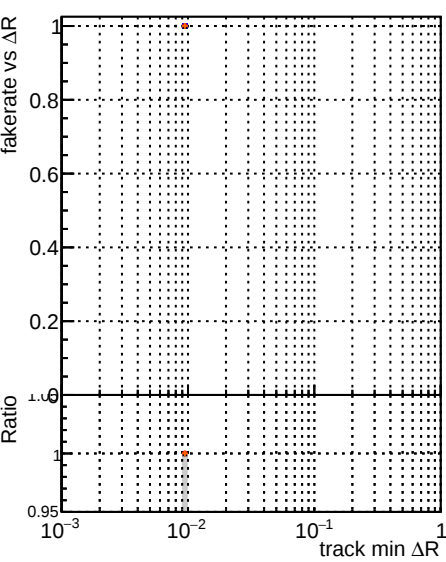


Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



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

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

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

Fake rate vs PU

Duplicates Rate vs PU

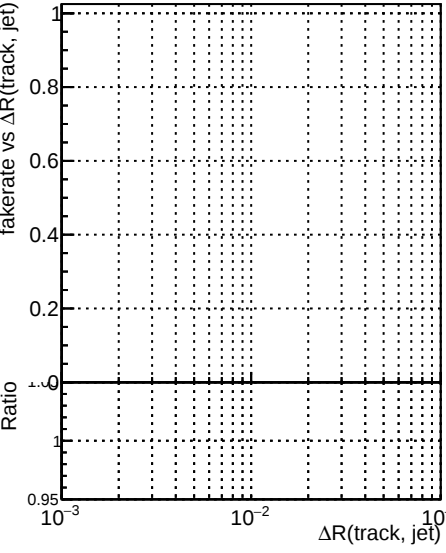
Pileup rate vs PU

original lowpt

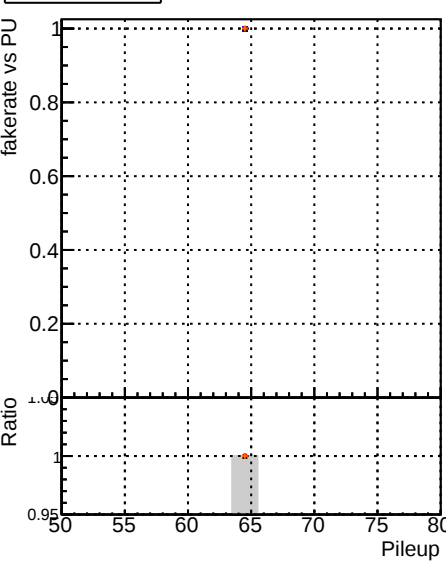
newbranch lowpt

original lowpt pLess

newbranch lowpt pLess



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

