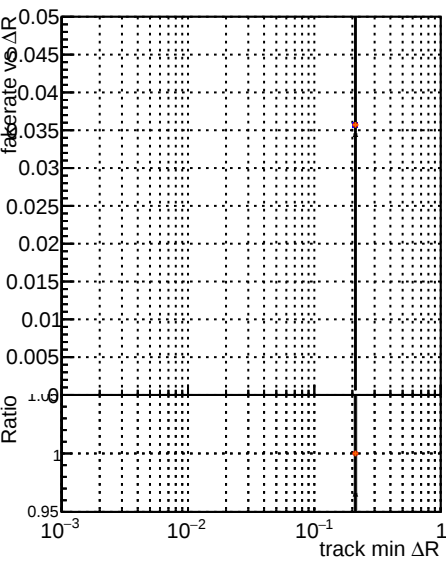


Fake rate vs dr



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

Ratio

Ratio

Ratio

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

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

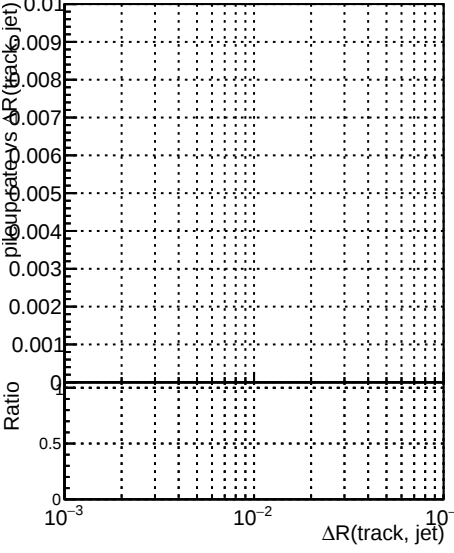
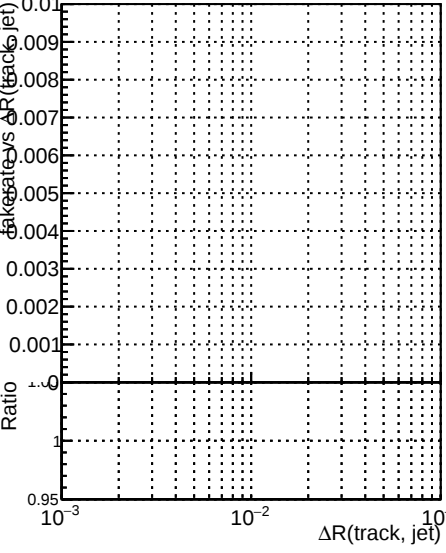
$\Delta R(\text{track, jet})$

DOM X Minus original

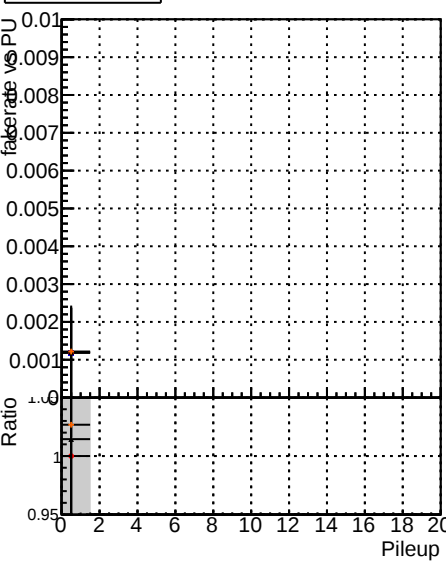
DOM X Minus newbranch

DOM X Minus original pless

DOM X Minus newbranch pless



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

