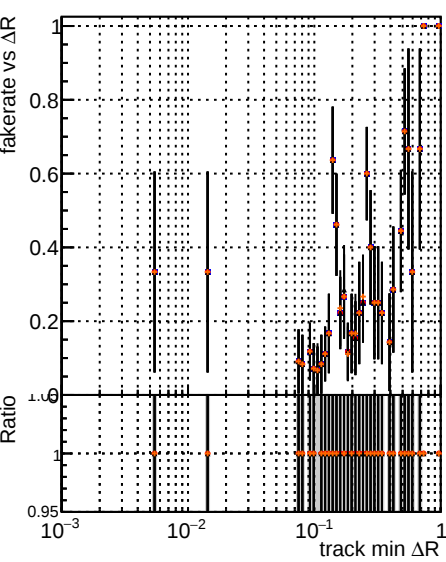


Fake rate vs dr



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

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

Duplicates Rate vs

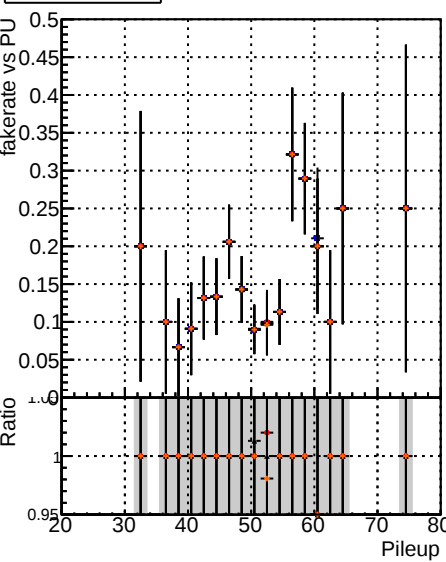
Pileup

Pileup rate vs

Pileup



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

