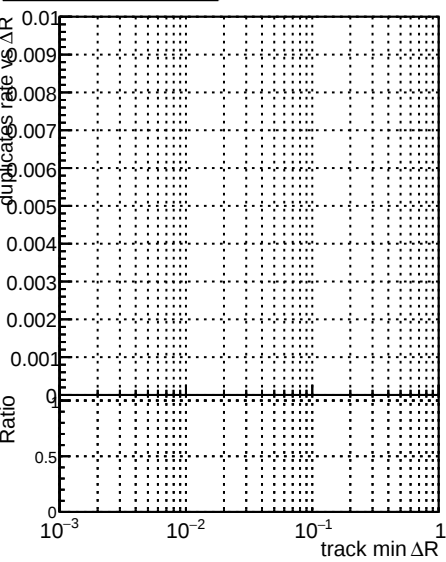


Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



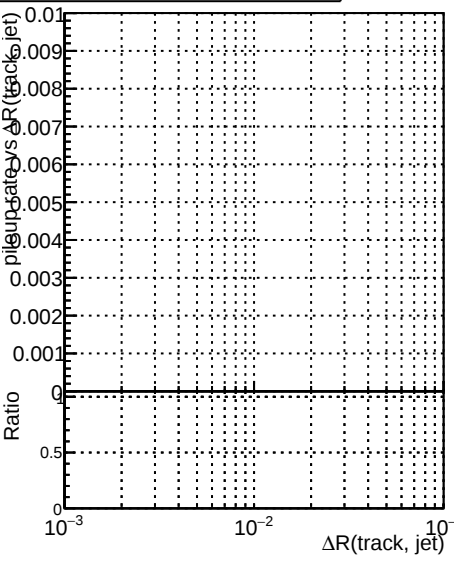
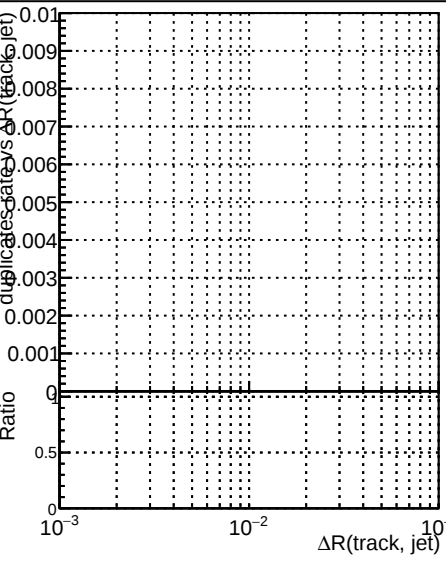
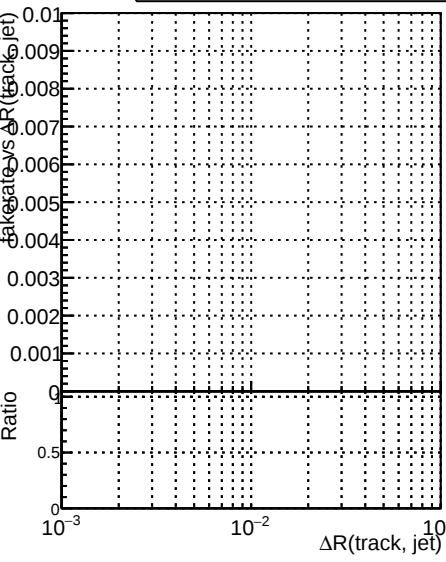
Fake rate vs  $\Delta R(\text{track}, \text{jet})$

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

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

baseline

updated



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

