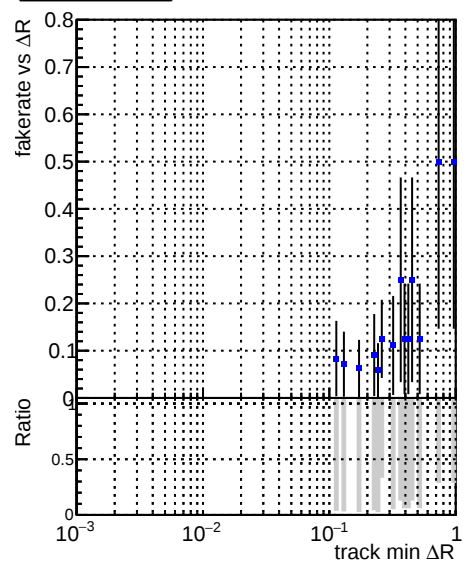
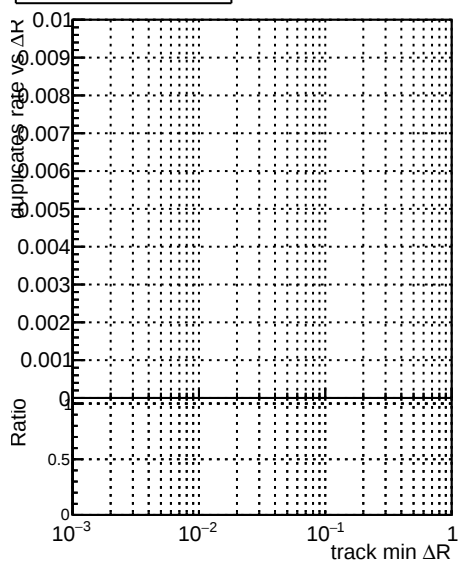


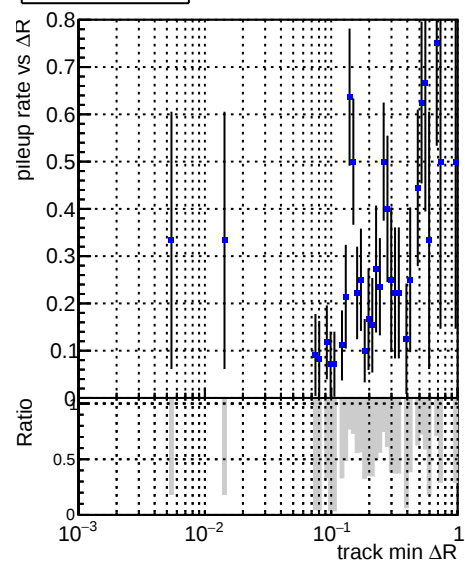
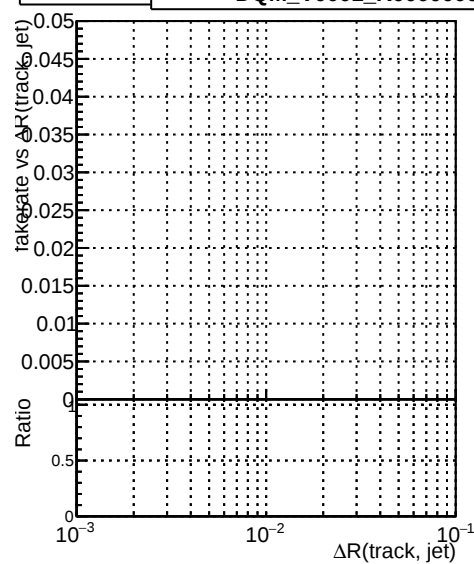
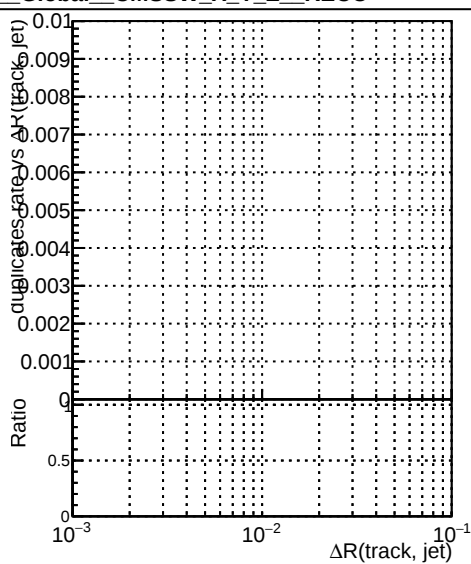
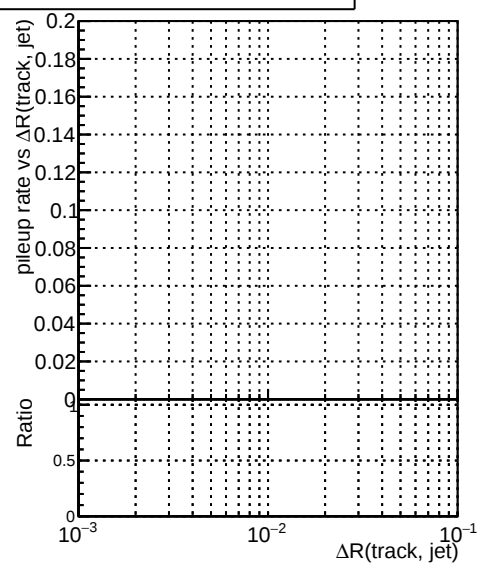
Fake rate vs dr



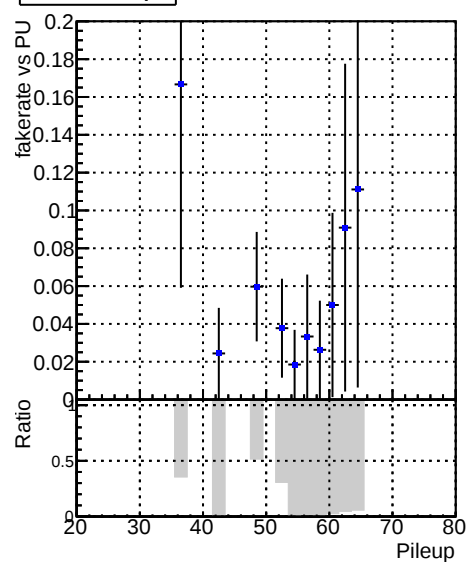
Duplicates Rate vs dr



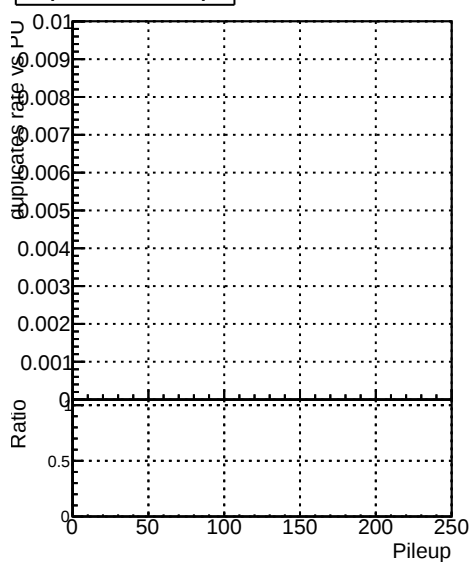
Pileup rate vs dr

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

