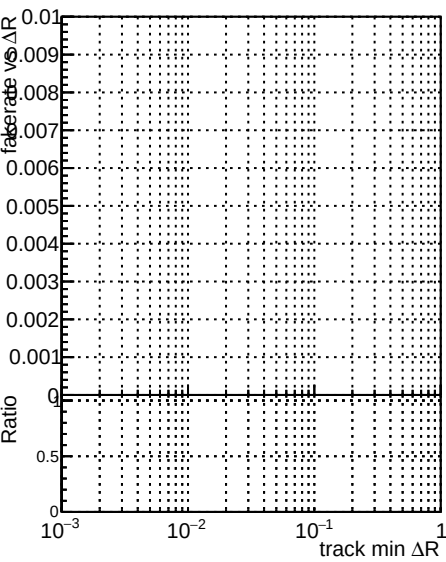


Fake rate vs dr



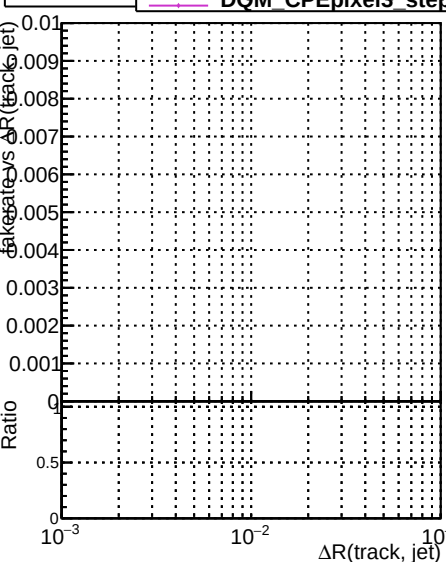
Duplicates Rate vs dr



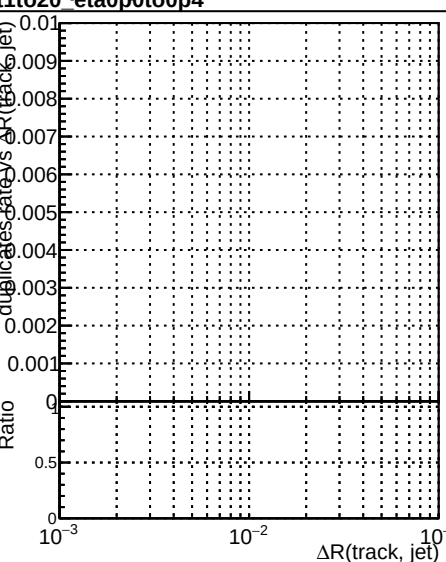
Pileup rate vs dr



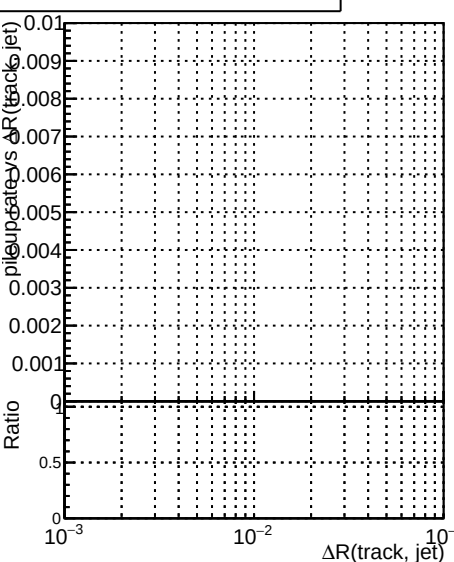
Fake rate vs $\Delta R(\text{track, jet})$



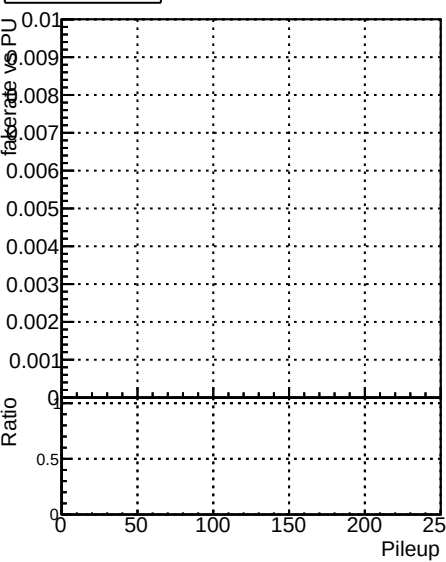
Duplicates Rate vs $\Delta R(\text{track, jet})$



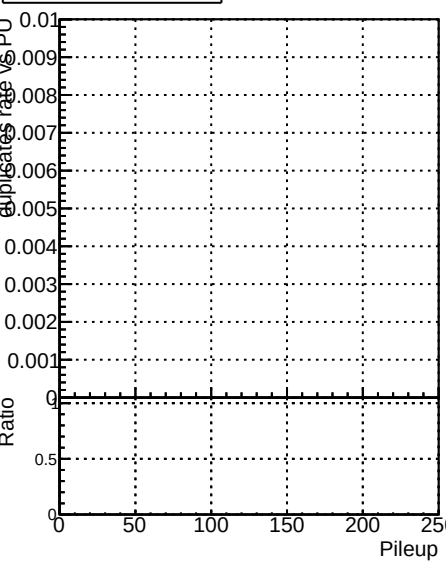
Pileup rate vs $\Delta R(\text{track, jet})$



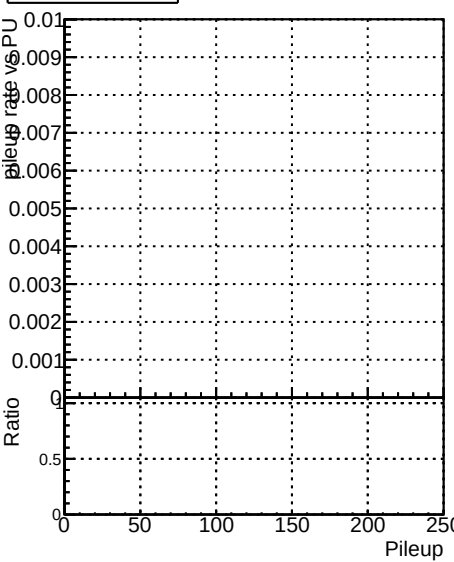
Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu



Legend for Fake rate vs $\Delta R(\text{track, jet})$, Duplicates Rate vs $\Delta R(\text{track, jet})$, and Pileup rate vs $\Delta R(\text{track, jet})$:

- original
- step2
- pt1to20
- eta0p0to0p4
- last
- step2
- pt1to20
- eta0p0to0p4
- CP
- Pixel3
- step2
- pt1to20
- eta0p0to0p4