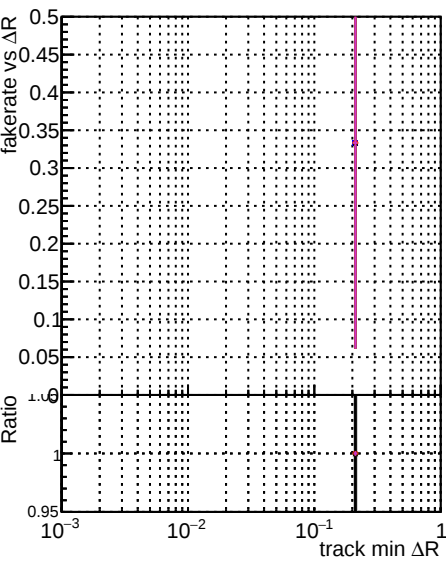


Fake rate vs dr



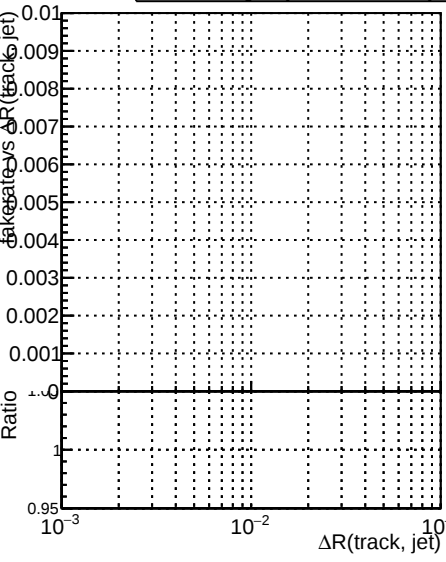
Duplicates Rate vs dr



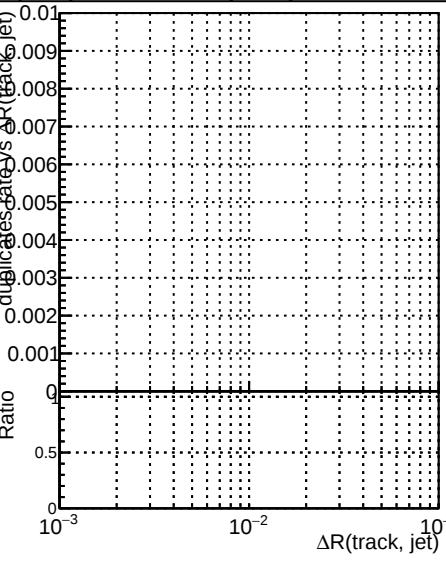
Pileup rate vs dr



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



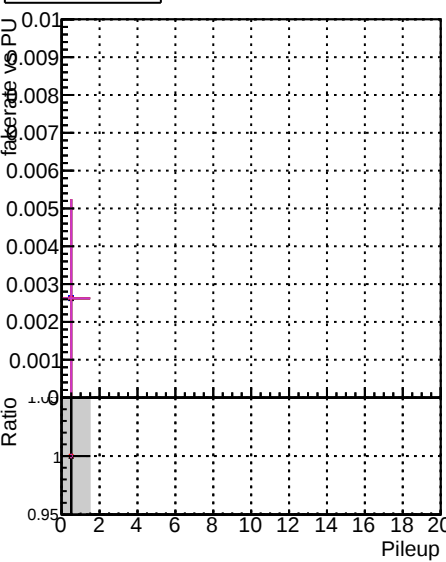
Duplicates Rate vs $\Delta R(\text{track, jet})$



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 $\Delta R(\text{track, jet})$ and Fake rate vs pu plots:
- Blue line: DOM original step2 pt1to1000 eta2p6to4p0
- Red line: DOM original step2 pt1to1000 eta2p6to4p0
- Orange line: DOM original step2 pt1to1000 eta2p6to4p0
- Magenta line: DOM original step2 pt1to1000 eta2p6to4p0
- Grey shaded region: DOM original step2 pt1to1000 eta2p6to4p0