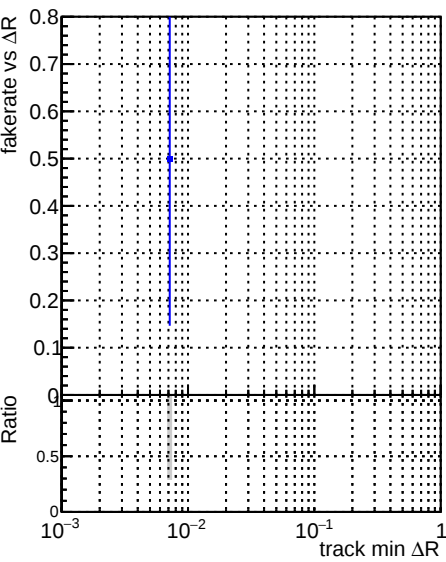


Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



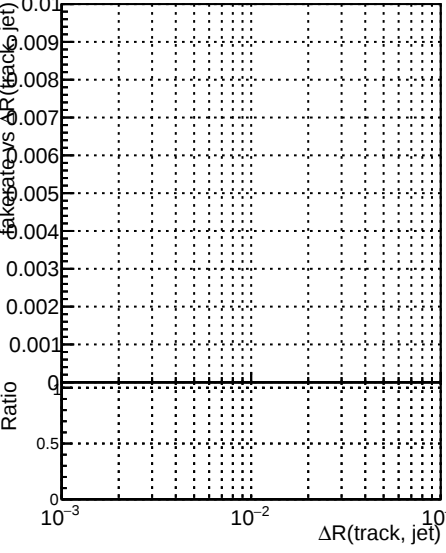
Fake rate vs $\Delta R(\text{track, jet})$

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

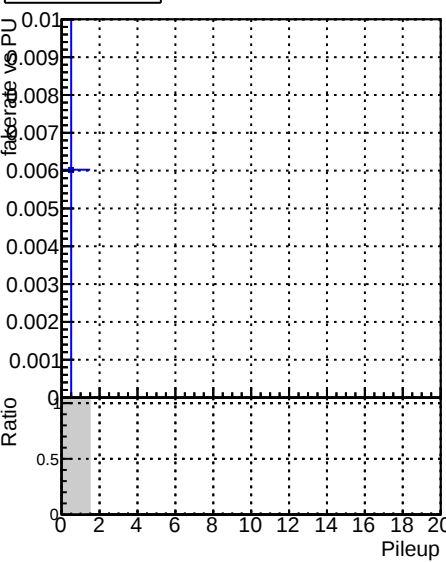
Pileup rate vs $\Delta R(\text{track, jet})$

Legend:

- Blue line: DQM original step2 pt1to1000 eta2p0to2p5
- Red line: DQM original step2 pt1to1000 eta2p0to2p5
- Orange line: DQM original step2 pt1to1000 eta2p0to2p5
- Purple line: DQM fixed CP E template step2 pt1to1000 eta2p0to2p5



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

