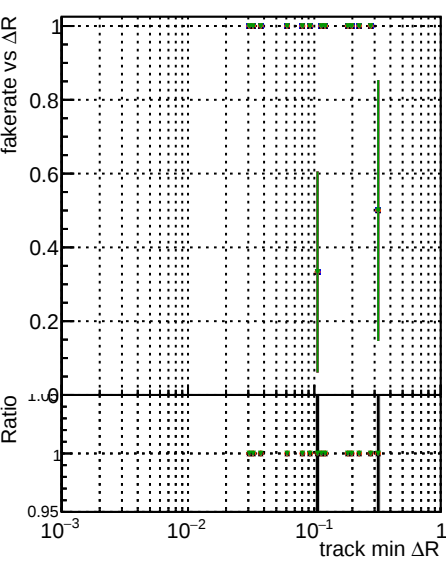
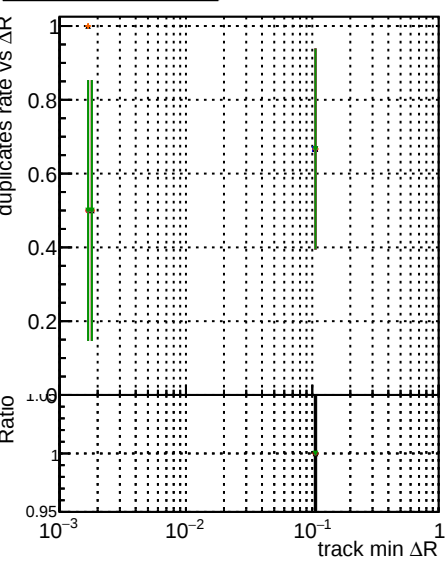


Fake rate vs dr



Duplicates Rate vs dr

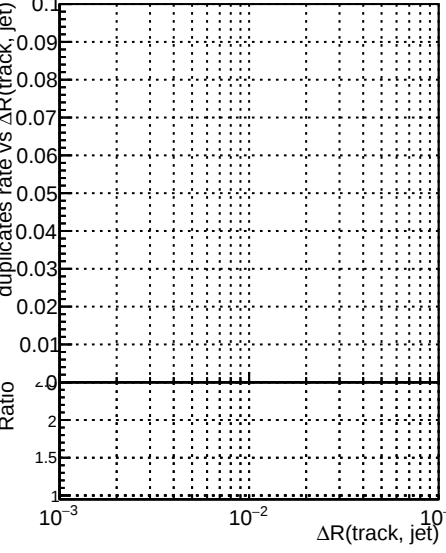
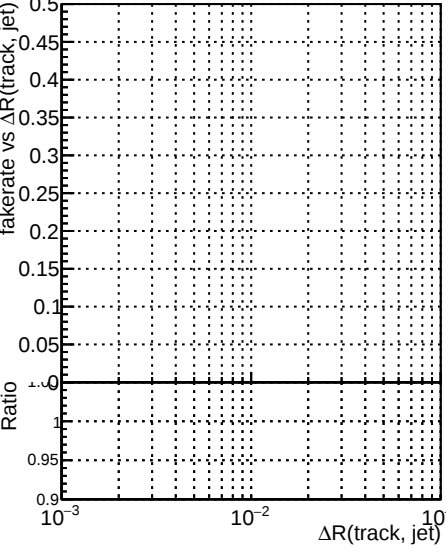


Pileup rate vs dr

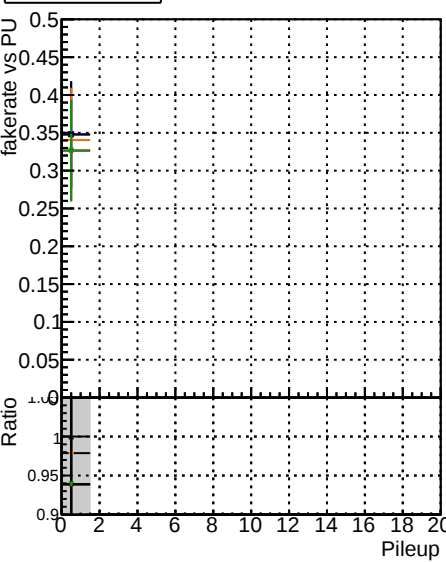


Fake rate vs $\Delta R(\text{track, jet})$

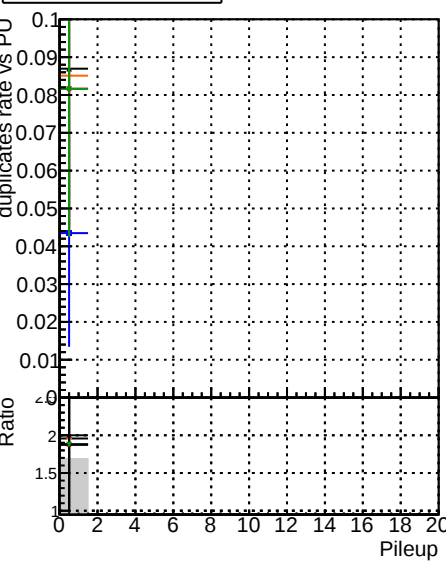
Legend: DOM (blue), original (red), step2 (green), pt1to1000 (purple), eta1to1p4 (brown), pt1to1000_eta1to1p4 (pink), and a baseline (black).



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

