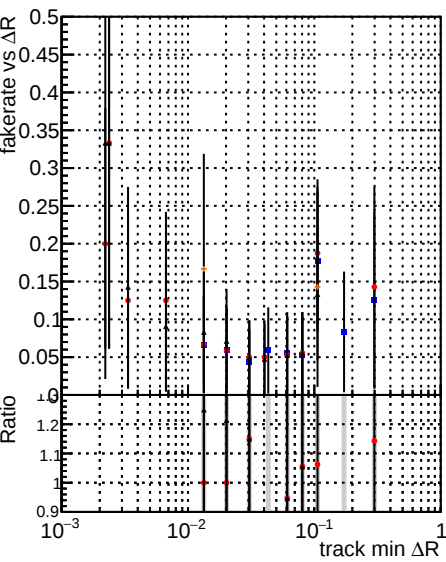


Fake rate vs dr



Duplicates Rate vs dr

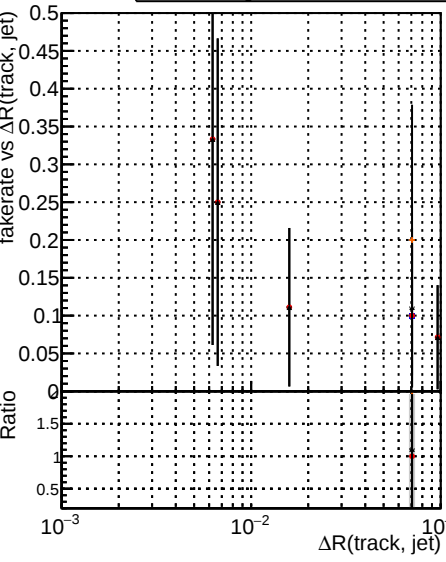


Pileup rate vs dr

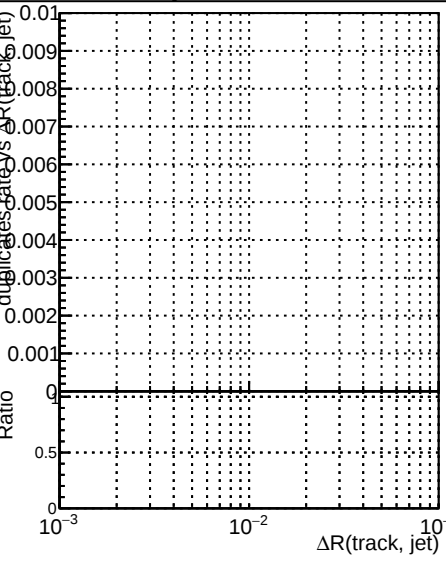


Legend: Global mkFit baseline (black line), Global mkFit var (blue line), Global mkFit coreNoClean (red line), Global mkFit core50maxCand-33DUPremoval (orange line). The y-axis for all plots is Ratio, and the x-axis is track min ΔR .

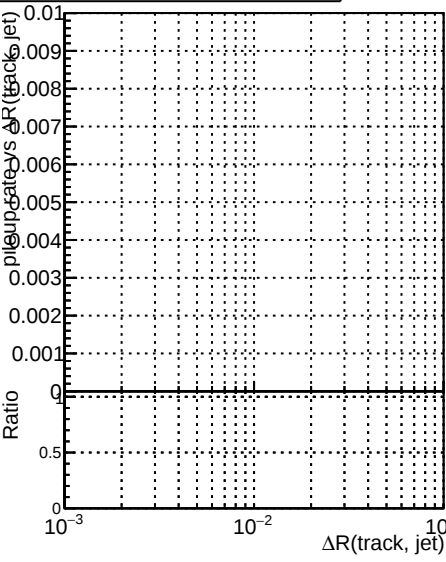
Fake rate vs $\Delta R(\text{track, jet})$



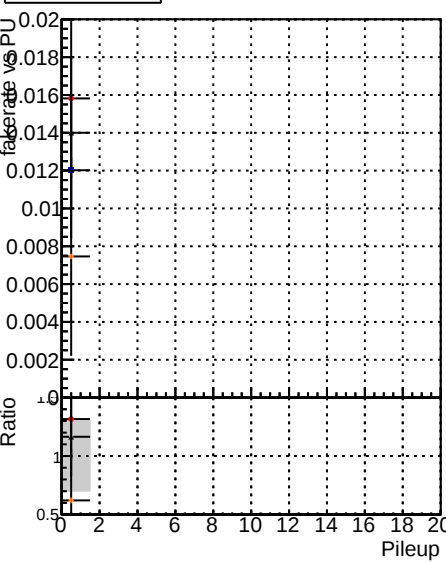
Duplicates Rate vs $\Delta R(\text{track, jet})$



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



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

