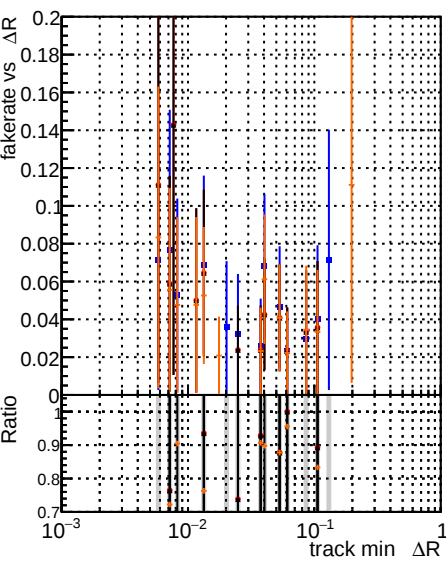


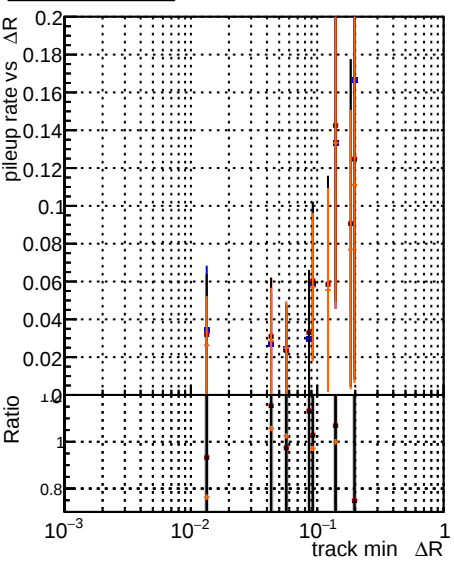
Fake rate vs dr



Duplicates Rate vs dr

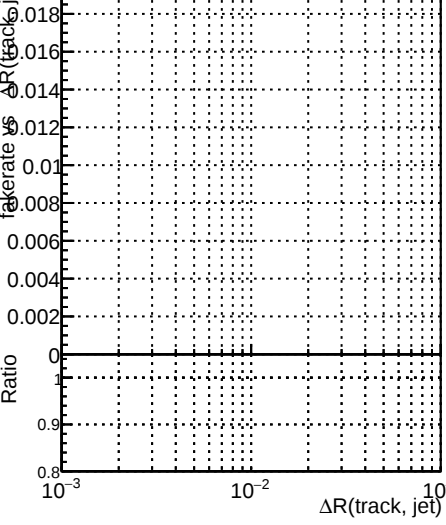


Pileup rate vs dr

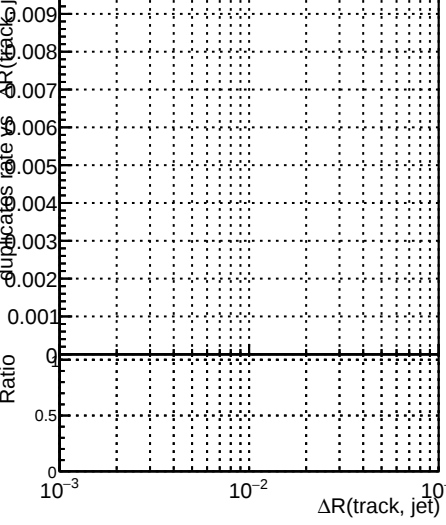


Legend: BQM original (blue), BQM fit (black), BQM fit cpeak (orange), BQM fit cpeak sort (red), BQM fit cpeak sort rzz (green), BQM fit cpeak sort rzz test outlier (purple), BQM fit cpeak sort rzz test outlier gets 1000evt (brown)

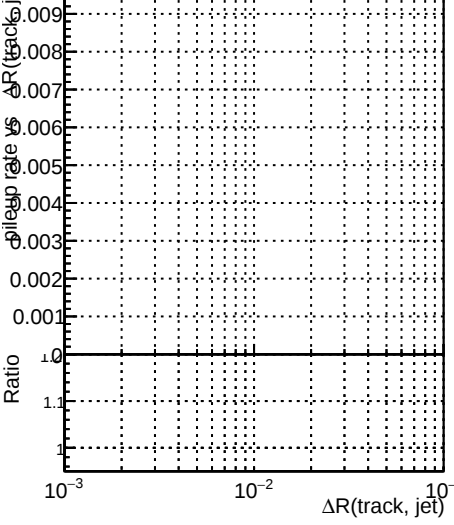
Fake rate vs $\Delta R(\text{track}, \text{jet})$



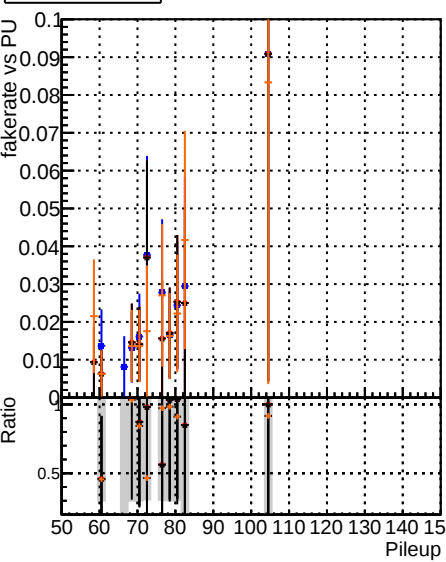
Duplicates Rate vs $\Delta R(\text{track}, \text{jet})$



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



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

