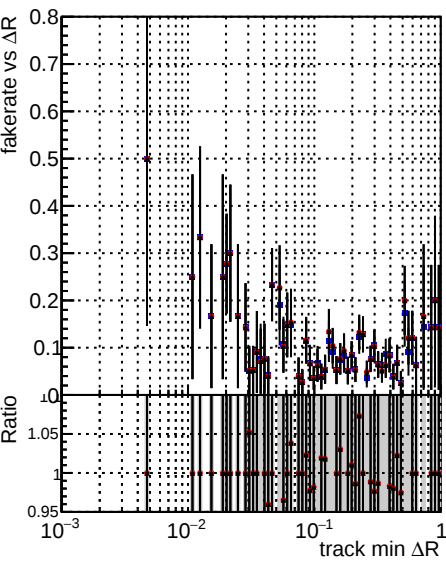


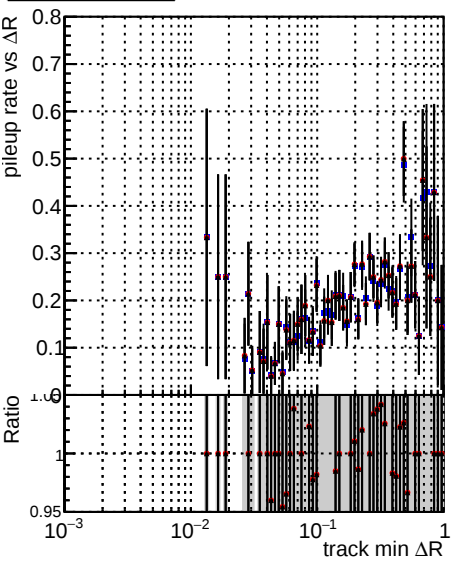
Fake rate vs dr



Duplicates Rate vs dr



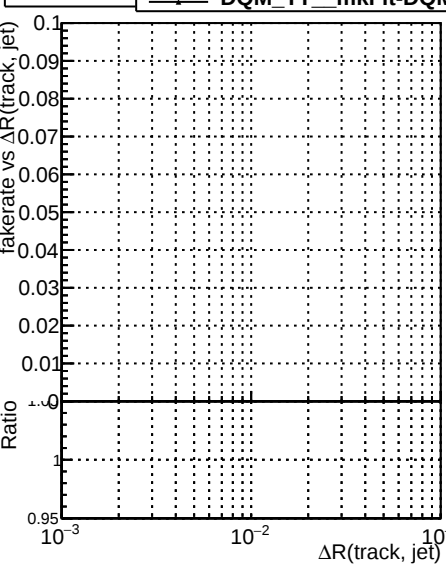
Pileup rate vs dr



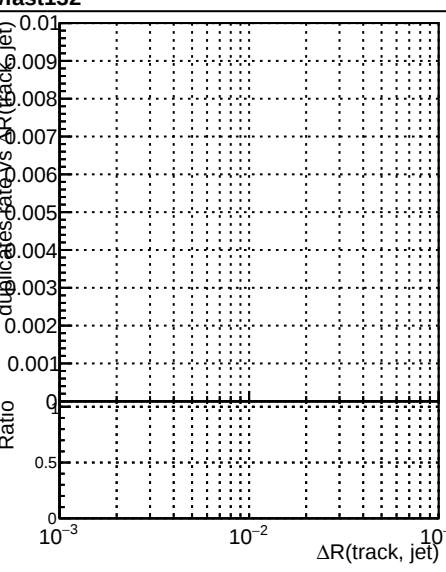
Legend for Fake rate vs ΔR , Duplicates Rate vs ΔR , and Pileup rate vs ΔR :

- $\text{DQM_TT_mkFit-DQM_old132}$ (Blue line with dots)
- $\text{DQM_TT_mkFit-DQM_new132}$ (Red line with dots)
- $\text{DQM_TT_mkFit-DQM_newfast132}$ (Black line with dots)

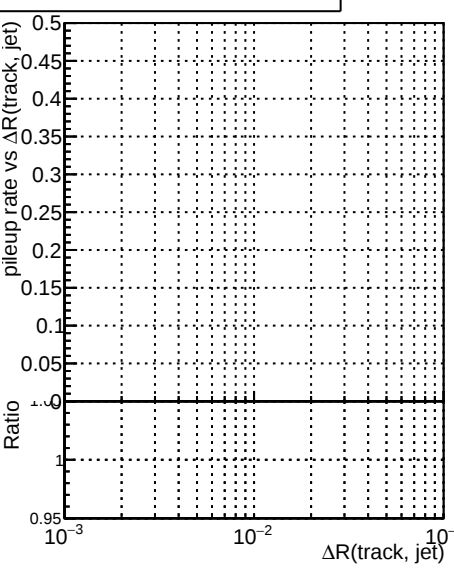
Fake rate vs



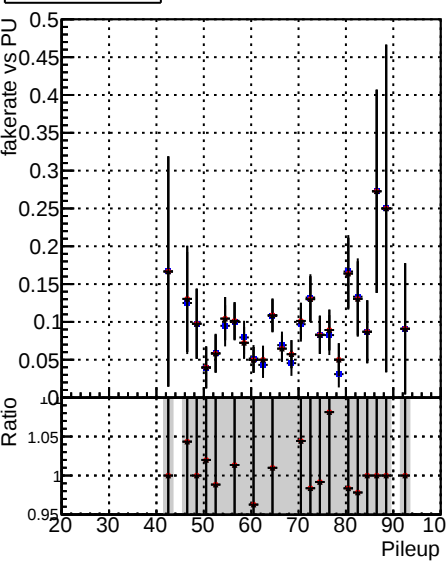
Duplicates Rate vs



Pileup rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

