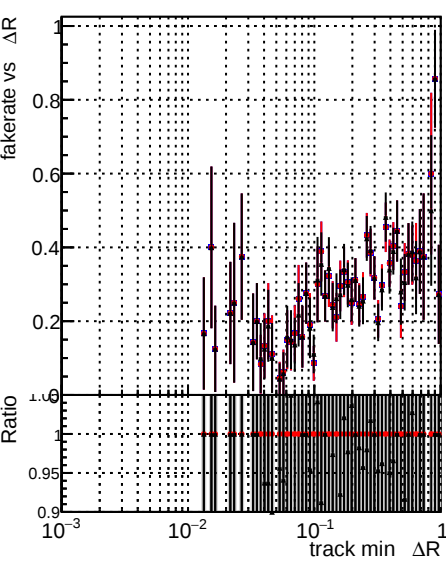


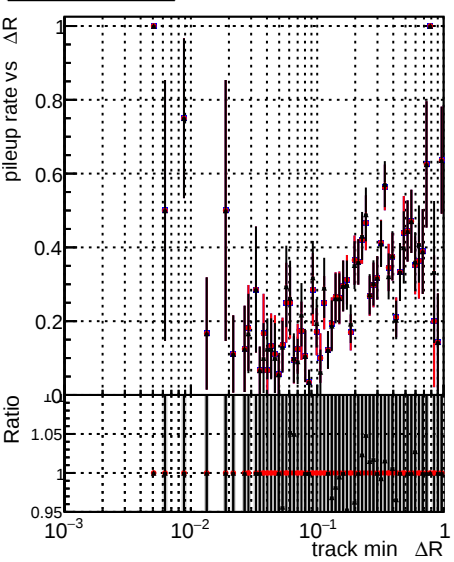
Fake rate vs dr



Duplicates Rate vs dr

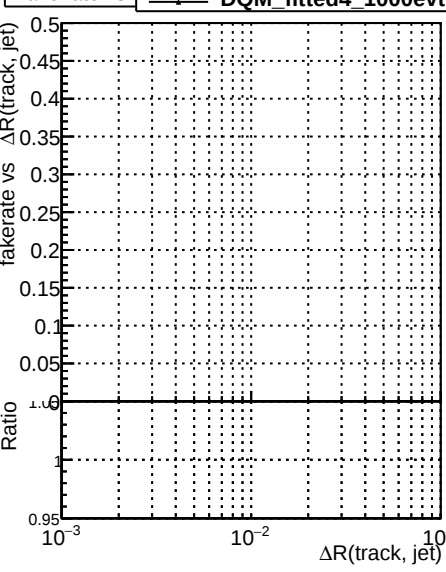


Pileup rate vs dr

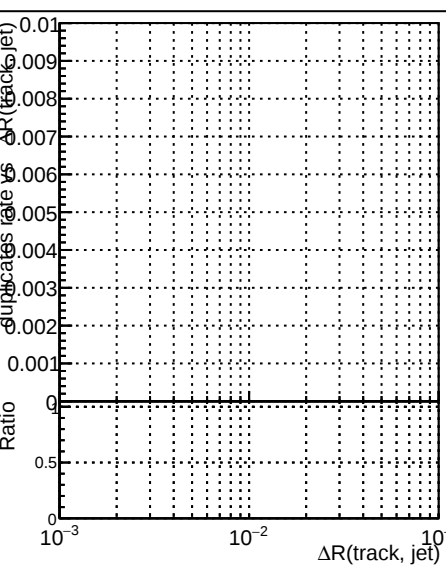


Legend for Fake rate vs ΔR , Duplicates Rate vs ΔR , and Pileup rate vs ΔR :
- ΔR original originalvector_1000evt (blue line with dots)
- ΔR original_1000evt (red line with dots)
- ΔR fitted4_1000evt (black line with dots)

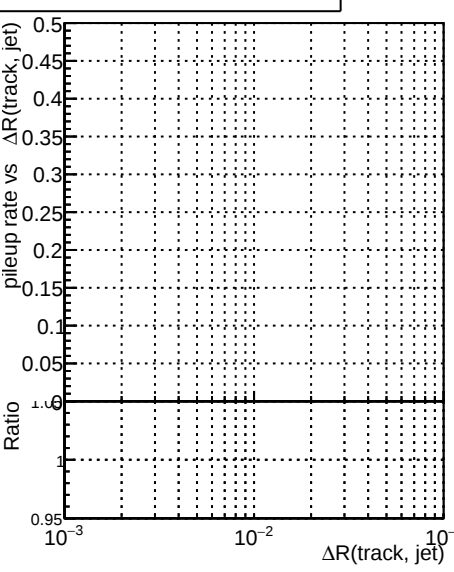
Fake rate vs ΔR (track, jet)



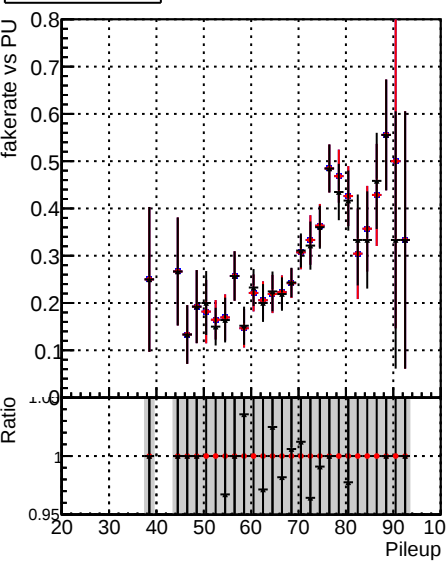
Duplicates Rate vs ΔR (track, jet)



Pileup rate vs ΔR (track, jet)



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

