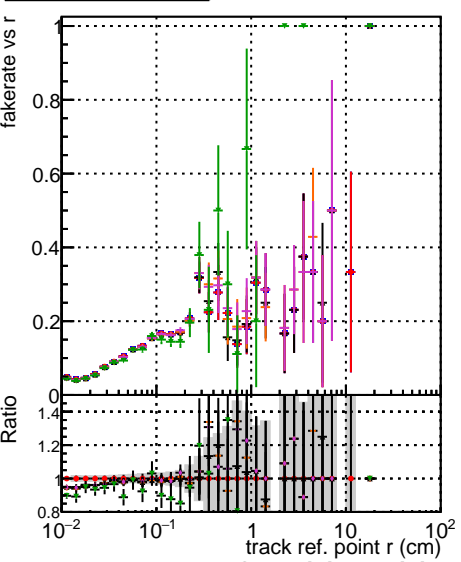
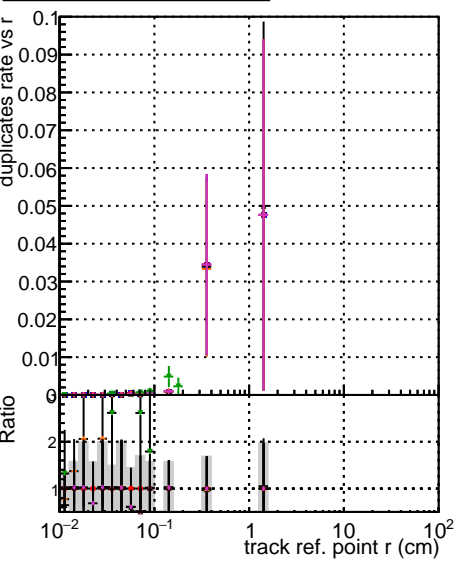
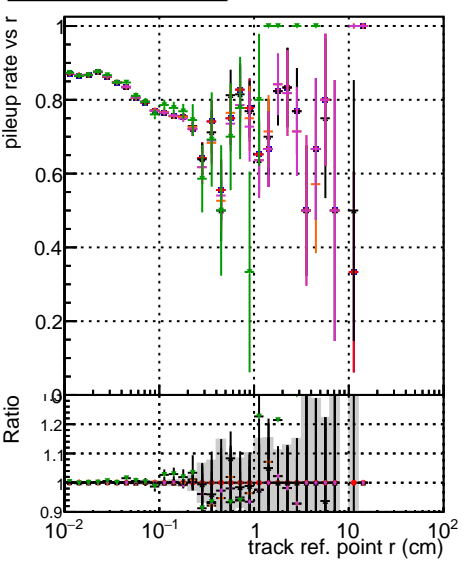
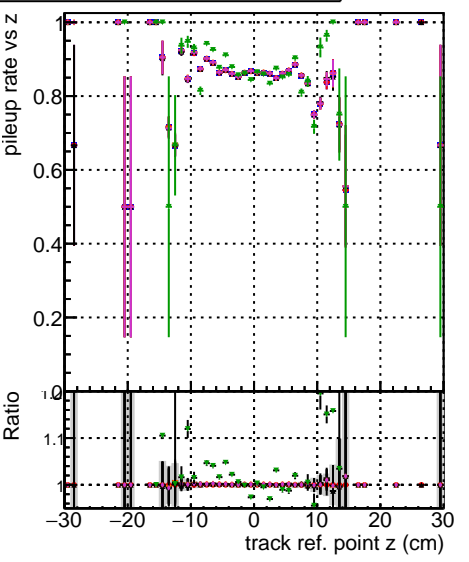
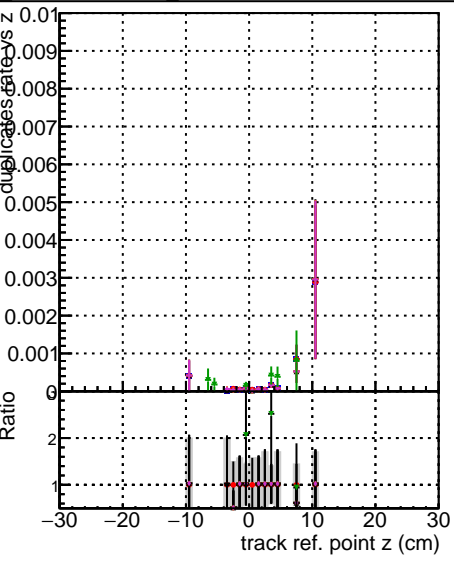
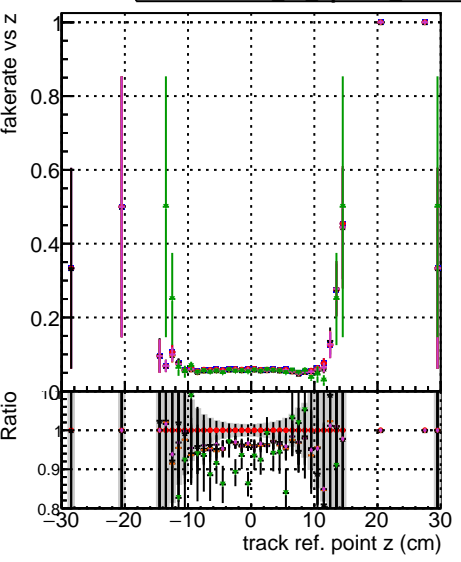
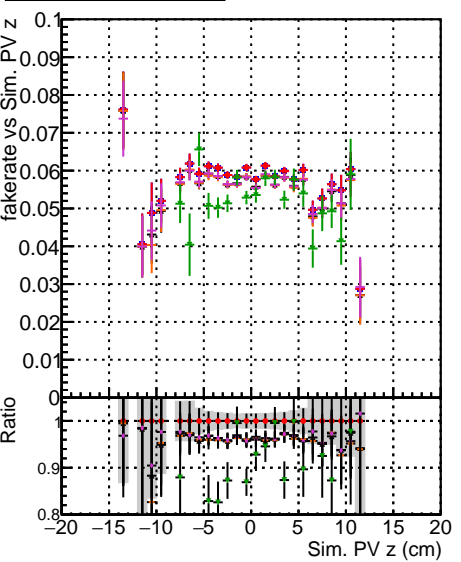
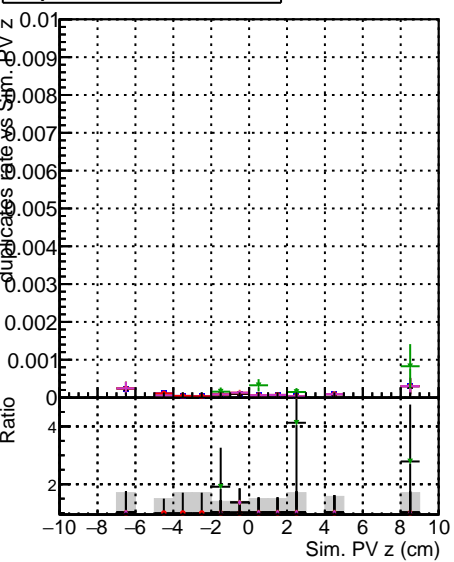


Fake rate vs vertpos**Duplicates Rate vs vertpos****Pileup rate vs vertpos**

DOM original original vector 1000evt
 2000evt 3000evt 4000evt 5000evt 6000evt 7000evt 8000evt 9000evt OUTLIER 1000evt

Fake rate vs**Fake rate vs. sim PV z****Duplicates Rate vs sim PV z****Pileup rate vs. sim PV z**