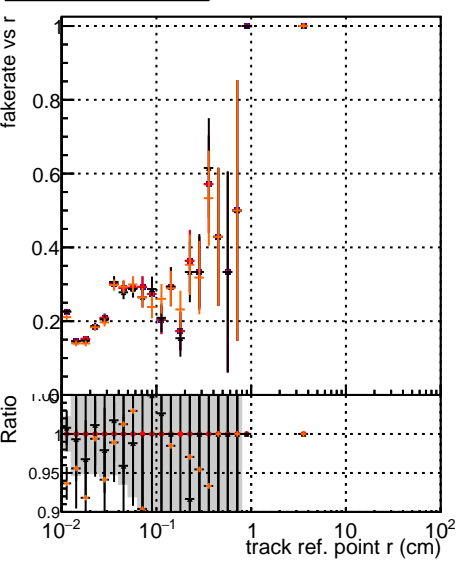
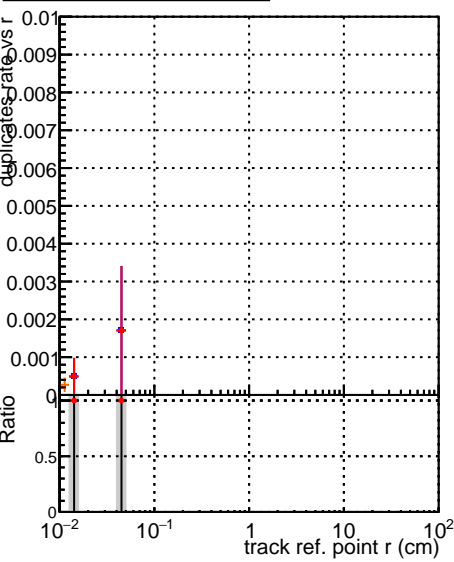
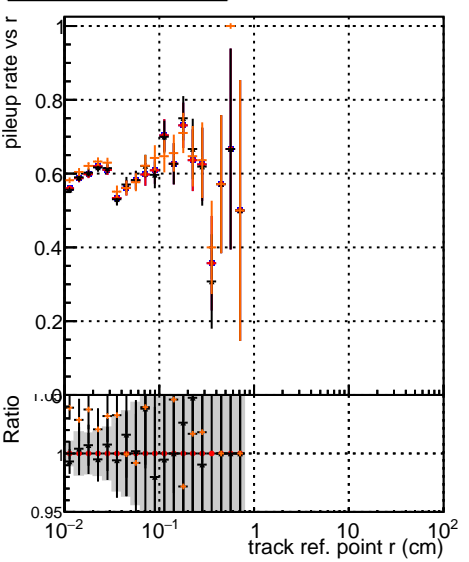
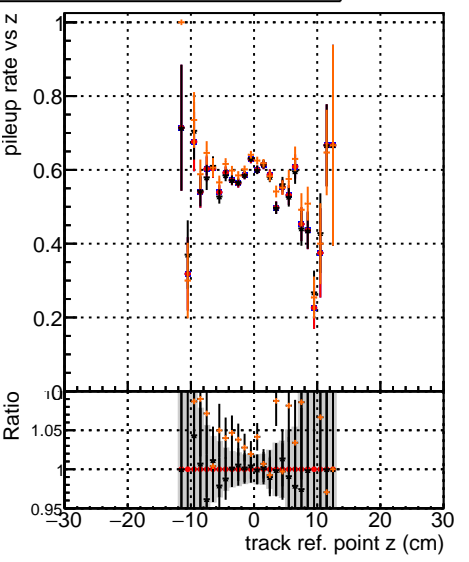
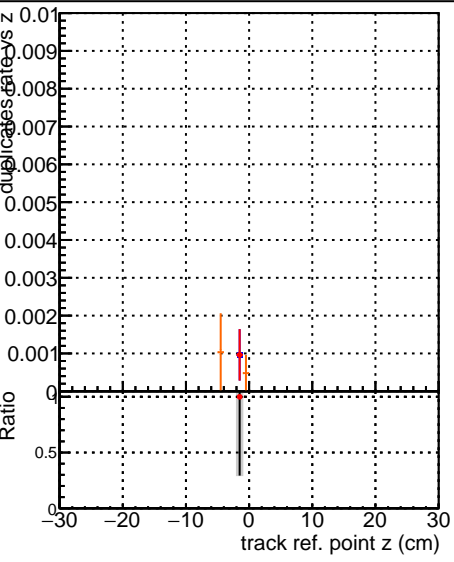
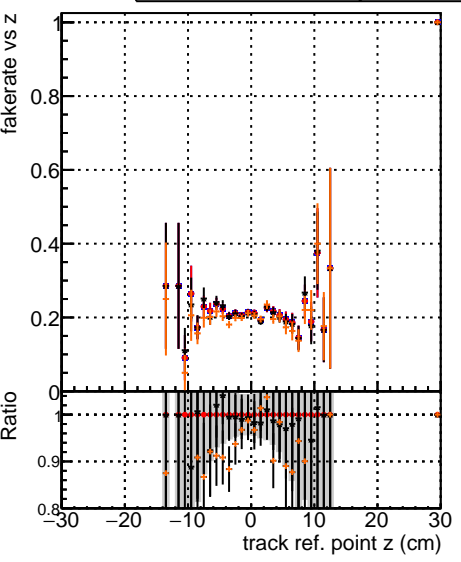
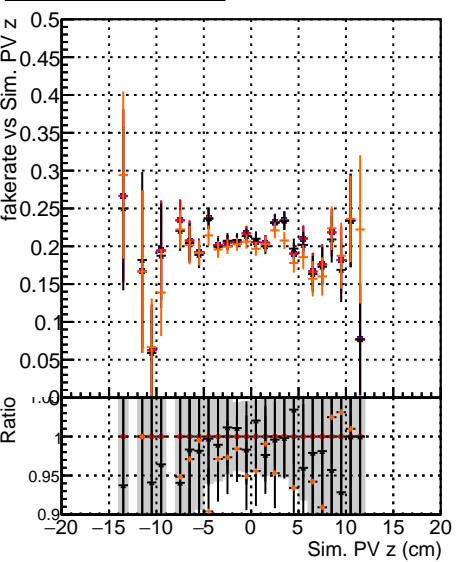
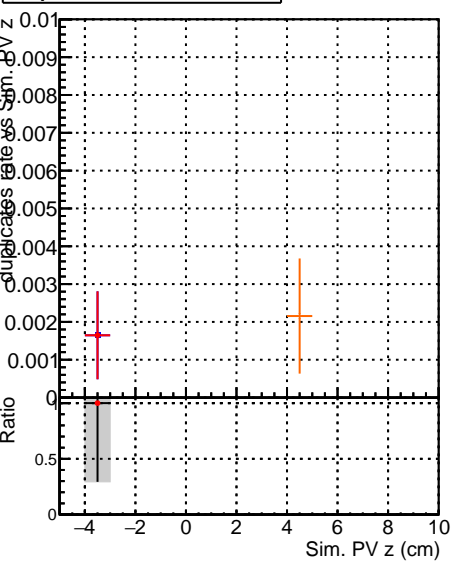


**Fake rate vs vertpos****Duplicates Rate vs vertpos****Pileup rate vs vertpos**

■ DQM original original vector 1000evt  
● DQM original original 1000evt  
▲ DQM fitted 1000evt  
× DQM fit nocpe 1000evt

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