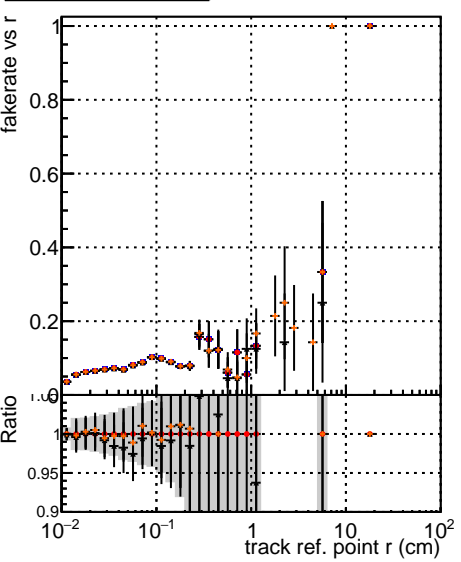
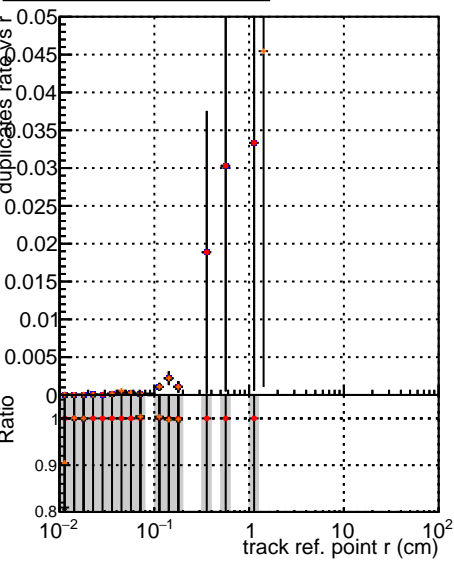
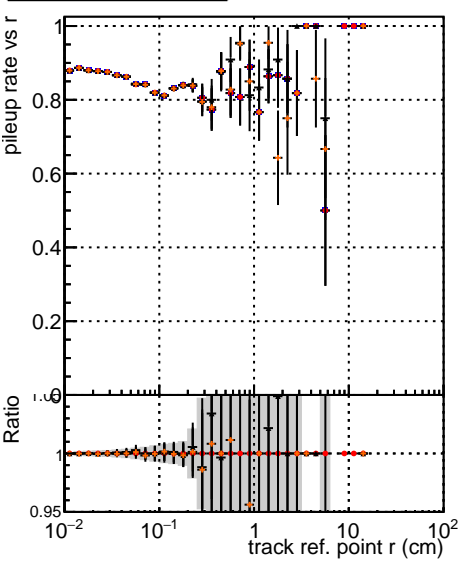
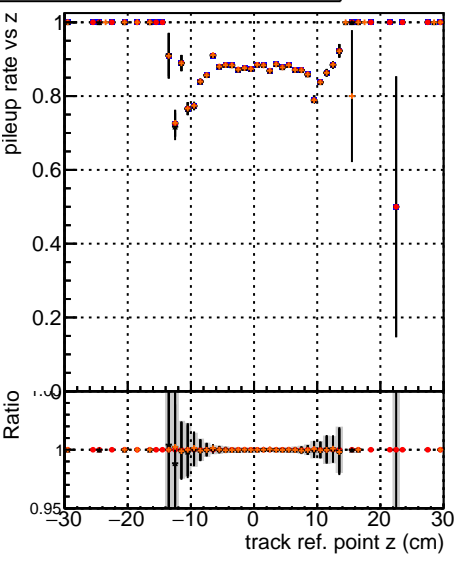
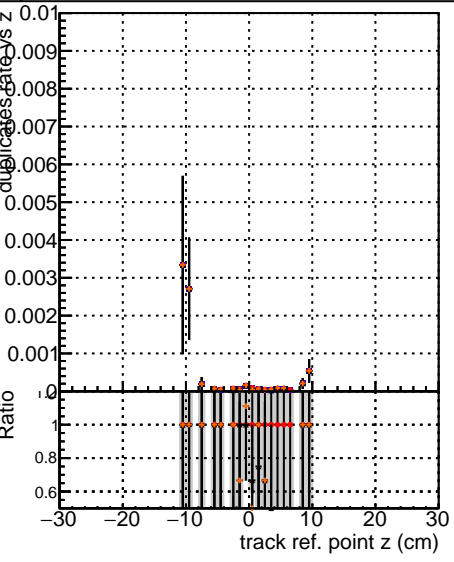
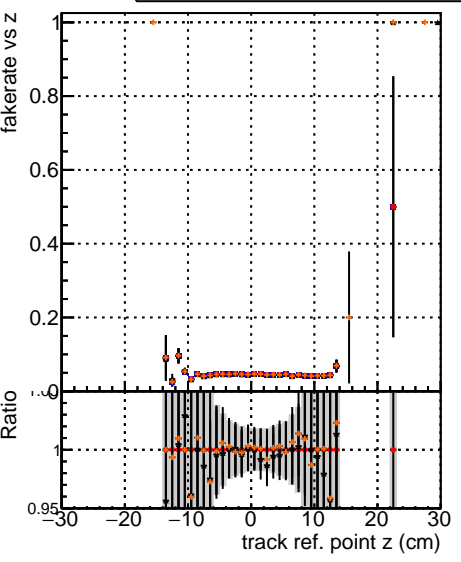
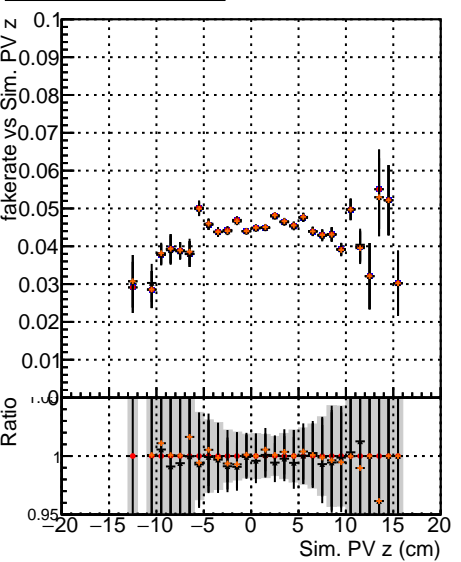
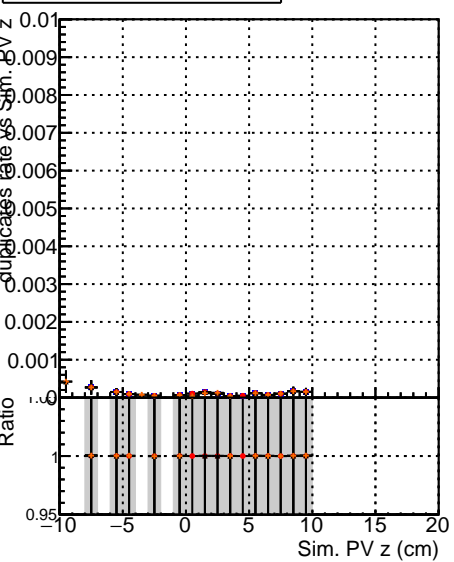


Fake rate vs vertpos**Duplicates Rate vs vertpos****Pileup rate vs vertpos**

■ DQM original lowpt ● DQM newbranch lowpt
▲ DQM original lowpt pless × DQM newbranch lowpt pless

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