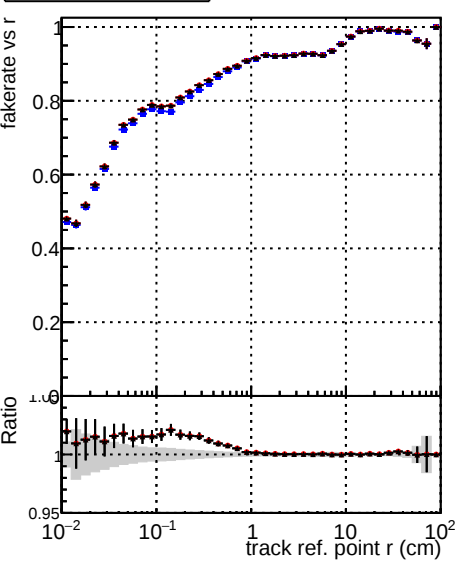
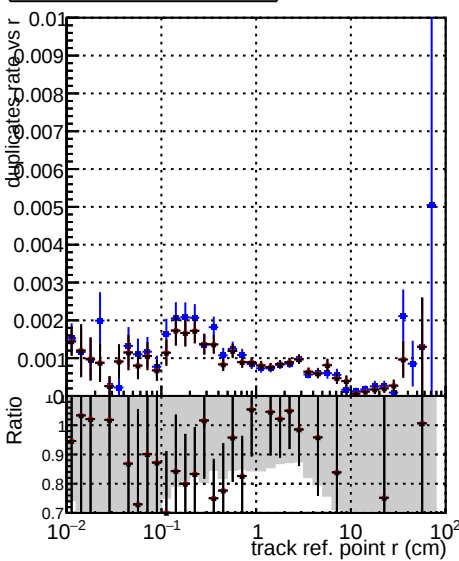


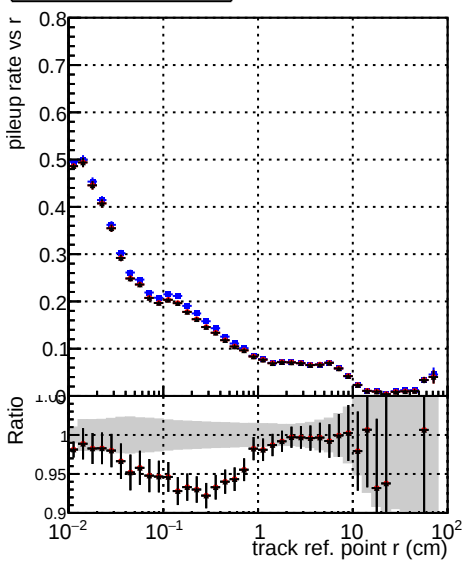
**Fake rate vs vertpos**



**Duplicates Rate vs vertpos**

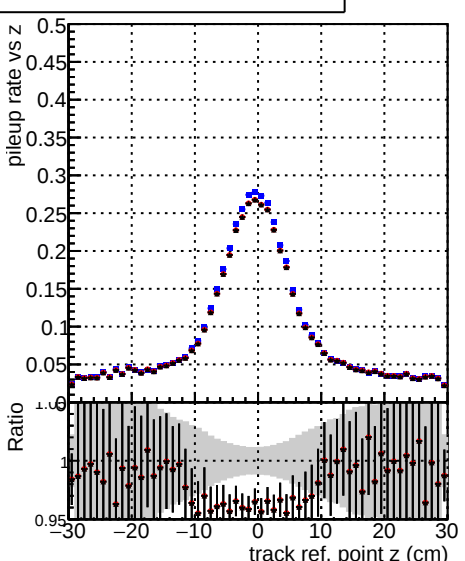
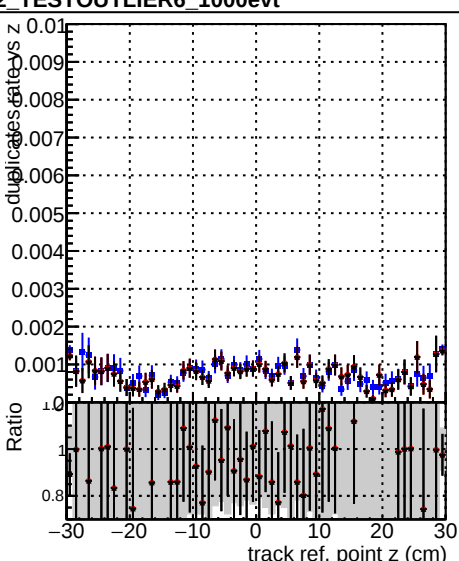
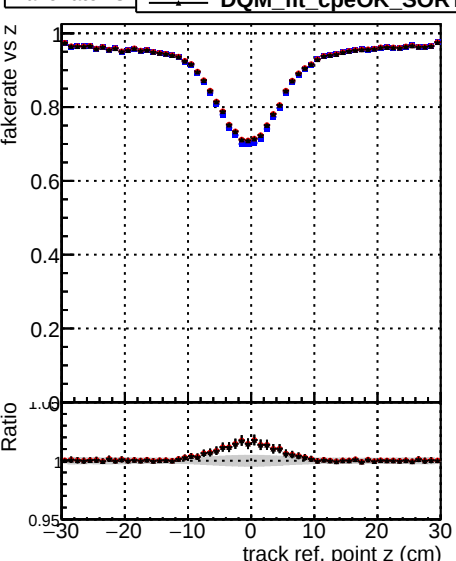


**Pileup rate vs vertpos**

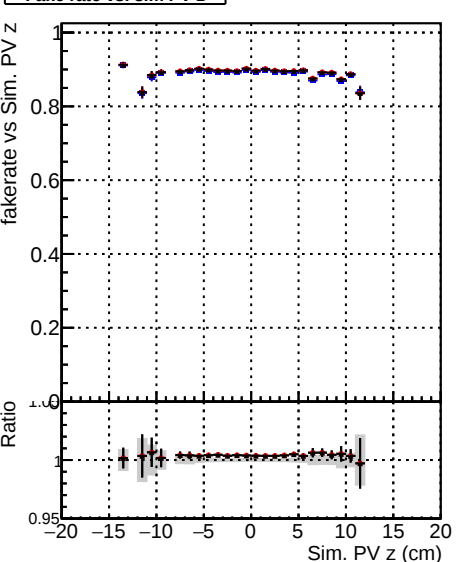


—●— DQM original originalvector 1000evt  
—●— DQM fit cpeOK SORTR22 TESTOUTLIER5 1000evt  
—●— DQM fit cpeOK SORTR22 TESTOUTLIER6 1000evt

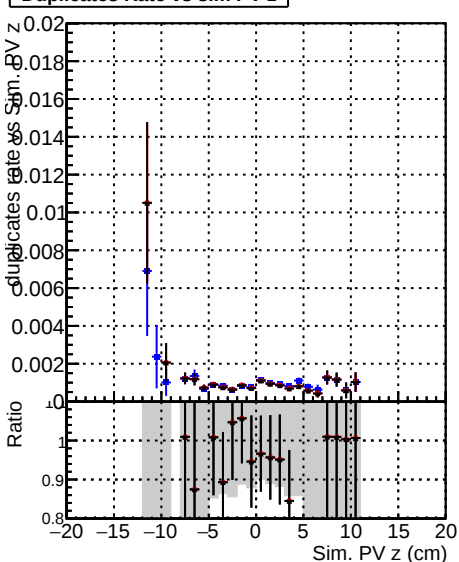
**Fake rate vs**



**Fake rate vs. sim PV z**



**Duplicates Rate vs sim PV z**



**Pileup rate vs. sim PV z**

