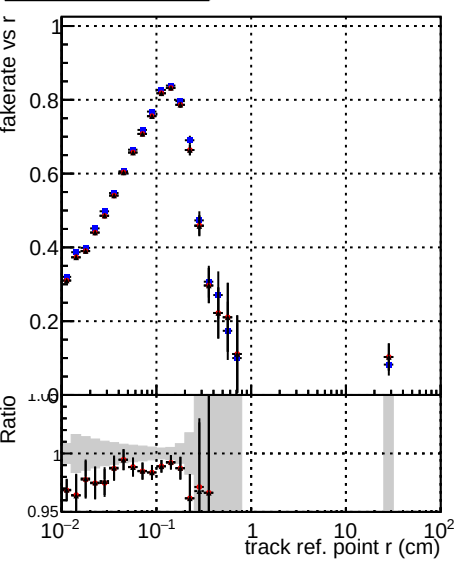
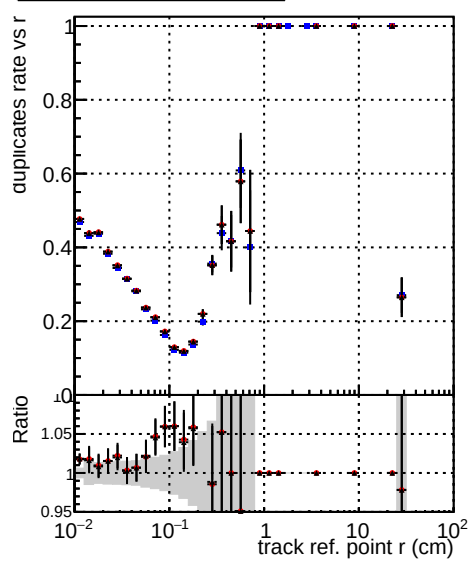


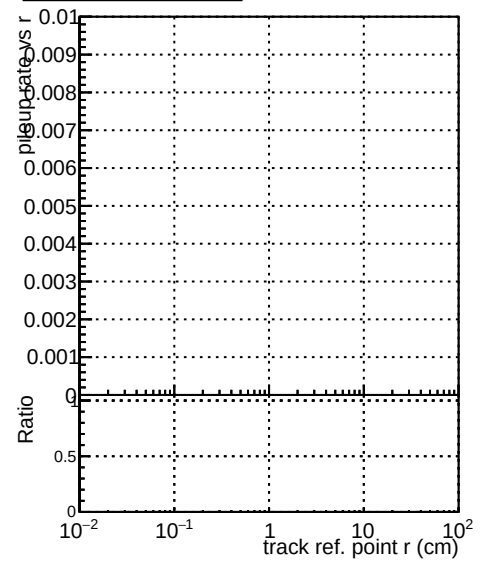
**Fake rate vs vertpos**



**Duplicates Rate vs vertpos**

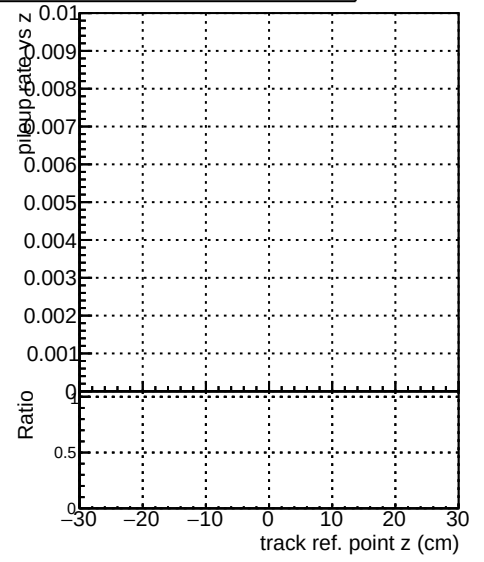
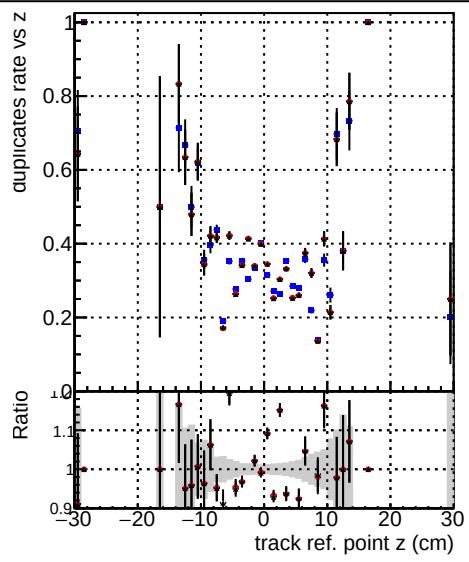
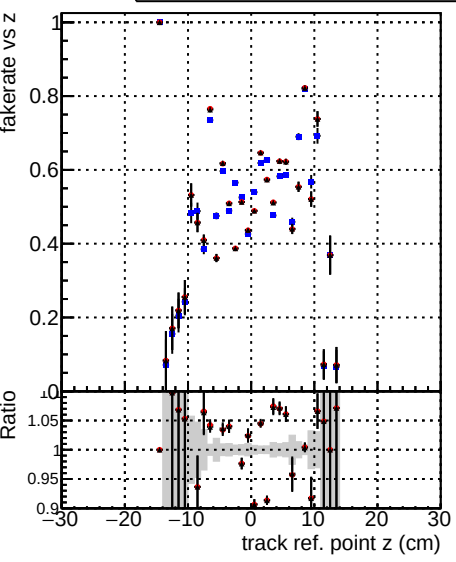


**Pileup rate vs vertpos**

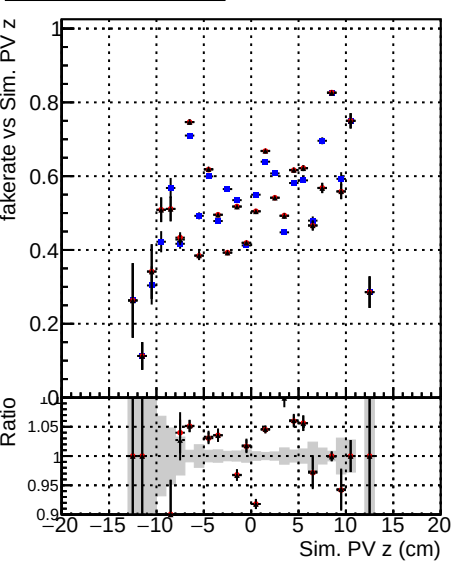


—•— DQM\_V0001\_R000000001 Global mkFit baseline  
—•— DQM\_V0001\_R000000001 Global mkFit var  
—•— DQM\_V0001\_R000000001 Global mkFit\_jcoreNoClean

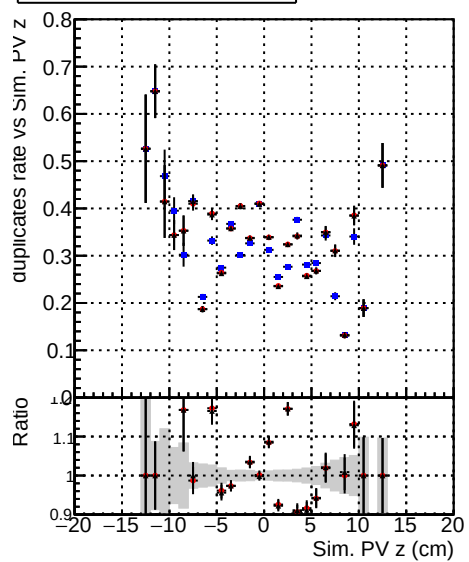
**Fake rate vs v**



**Fake rate vs. sim PV z**



**Duplicates Rate vs sim PV z**



**Pileup rate vs. sim PV z**

