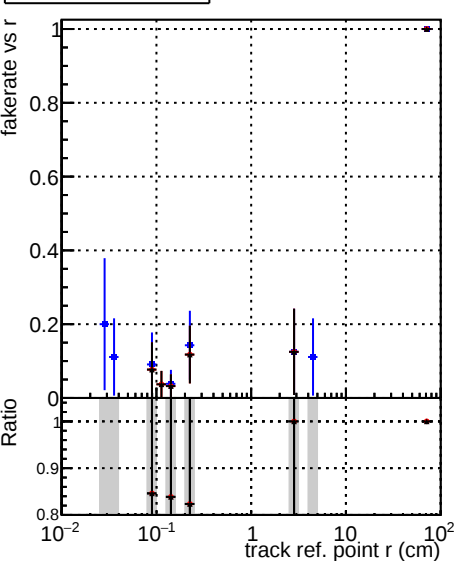
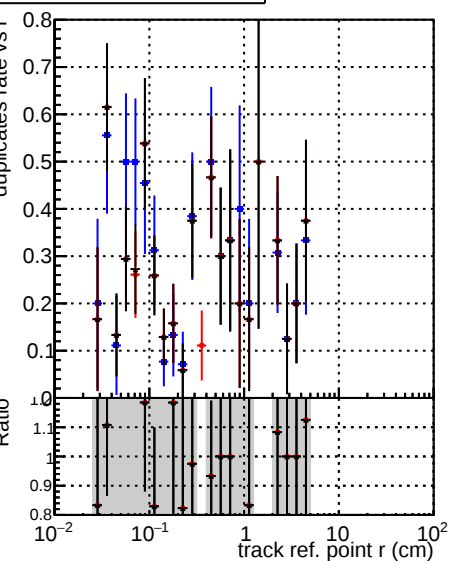


**Fake rate vs vertpos**



**Duplicates Rate vs vertpos**

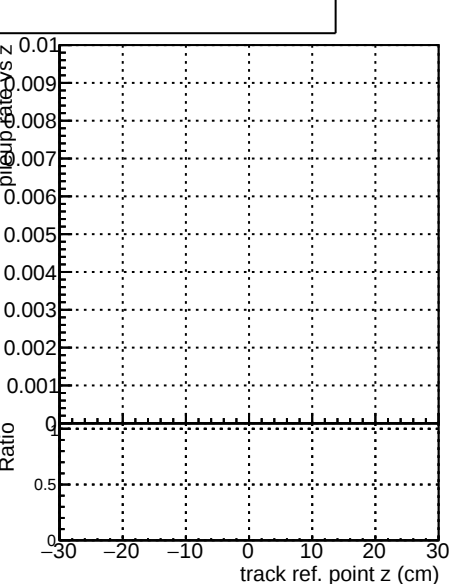
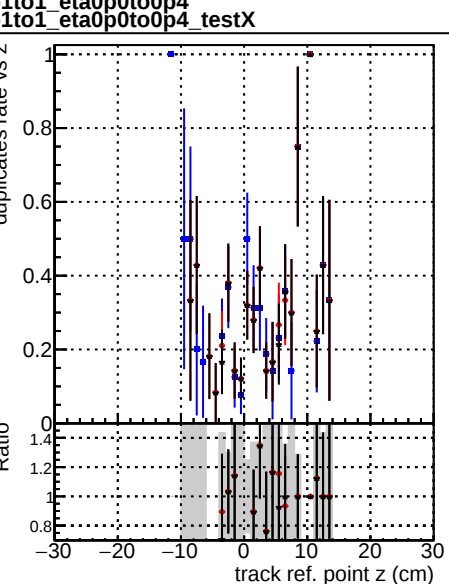
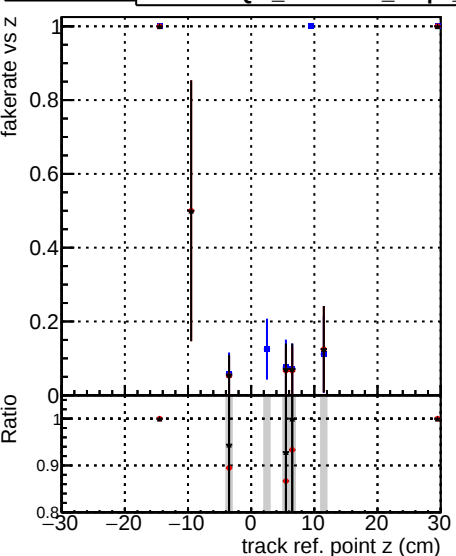


**Pileup rate vs vertpos**

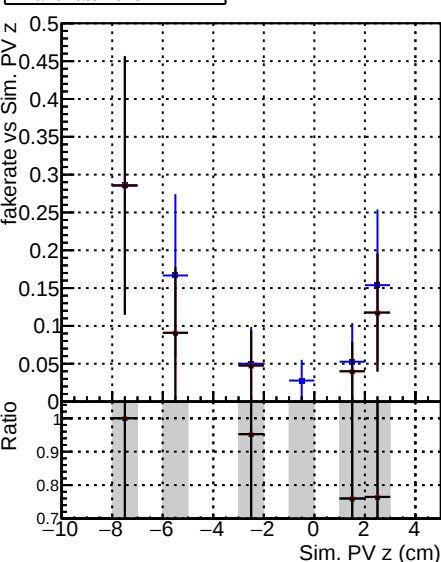


—●— DQM\_original4\_step2\_pt0p1to1\_eta0p0to0p4  
—●— DQM\_testMkFit\_step2\_pt0p1to1\_eta0p0to0p4  
—●— DQM\_testMkFit\_step2\_pt0p1to1\_eta0p0to0p4\_testX

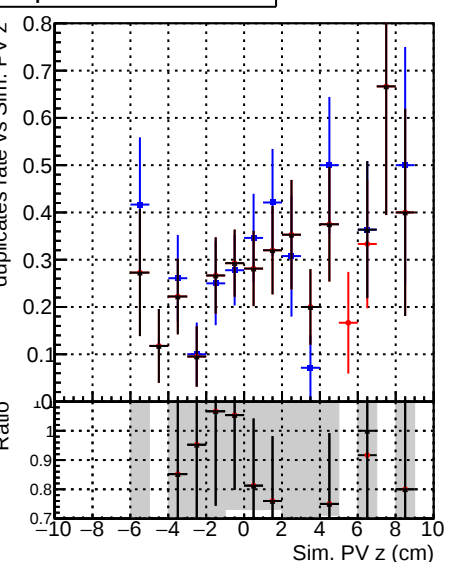
**Fake rate vs v**



**Fake rate vs. sim PV z**



**Duplicates Rate vs sim PV z**



**Pileup rate vs. sim PV z**

