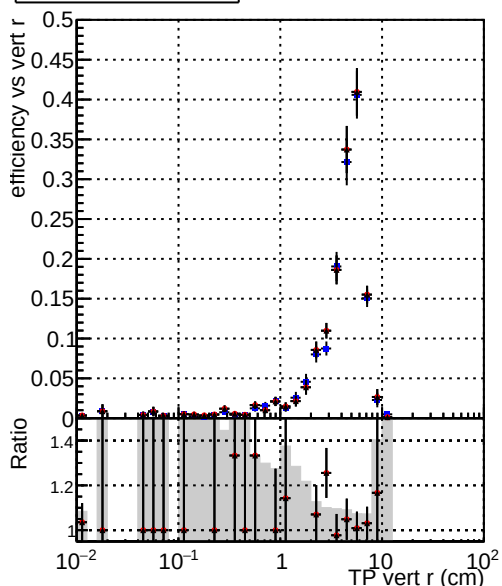
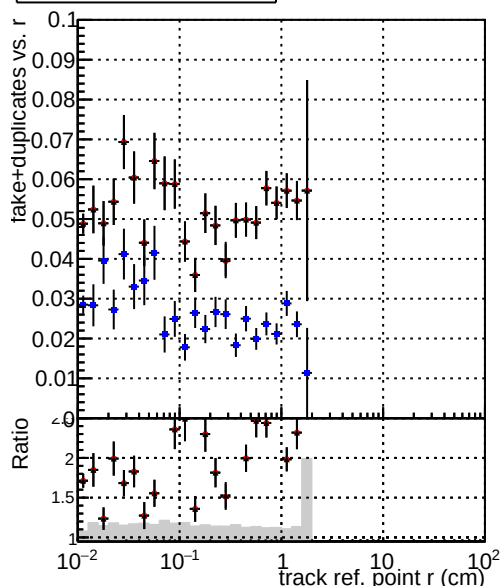


**Efficiency vs vertpos**

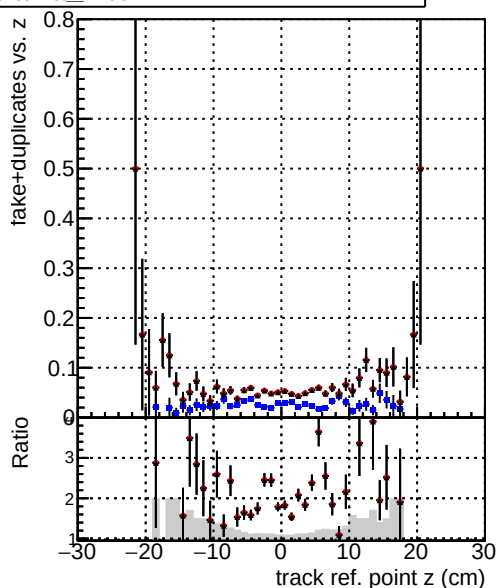
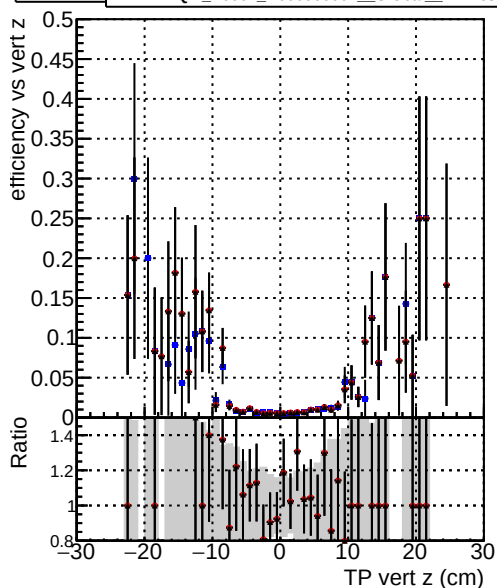


**fake+duplicates vs vert r**

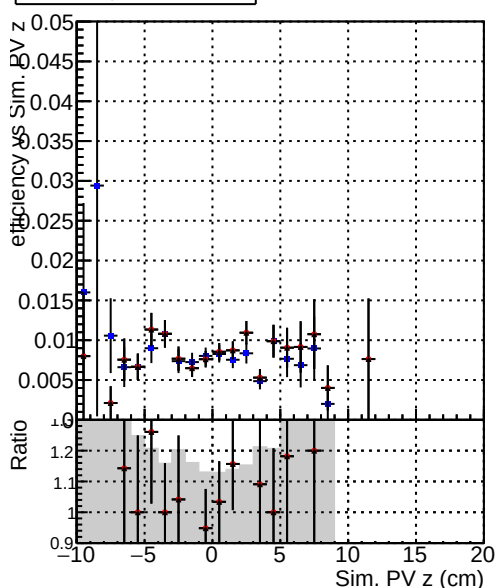


**Efficiency**

—●— DQM\_V0001\_R0000000001\_Global\_cmssw1000time\_RECO  
 —●— DQM\_V0001\_R0000000001\_Global\_mkFitNewOLD1000time\_RECO  
 —●— DQM\_V0001\_R0000000001\_Global\_mkFitOLD-checkDet\_RECO



**Efficiency vs. sim PV z**



**fake+duplicates vs Sim. PV z**

