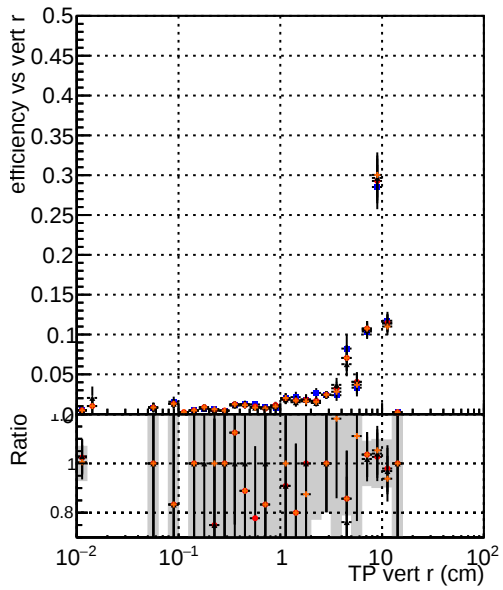
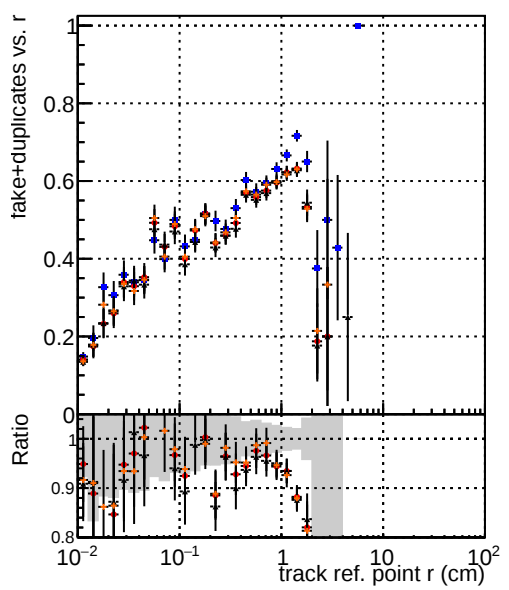


**Efficiency vs vertpos**

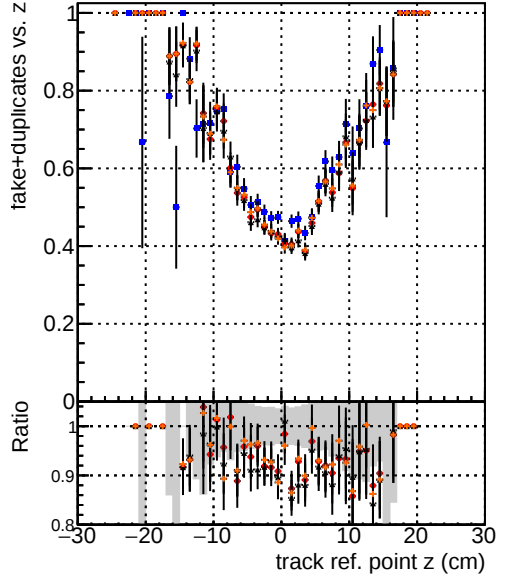
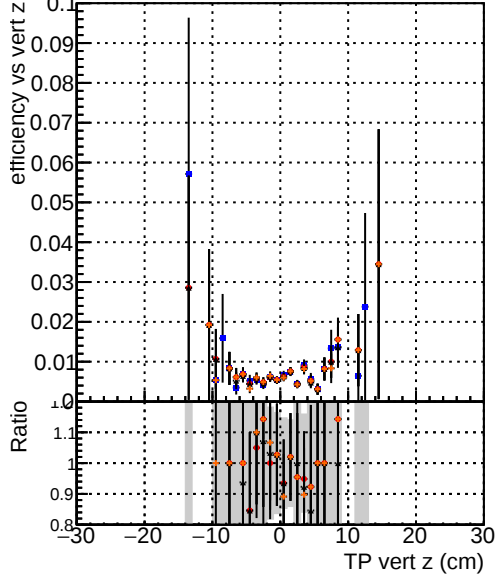


**fake+duplicates vs vert r**

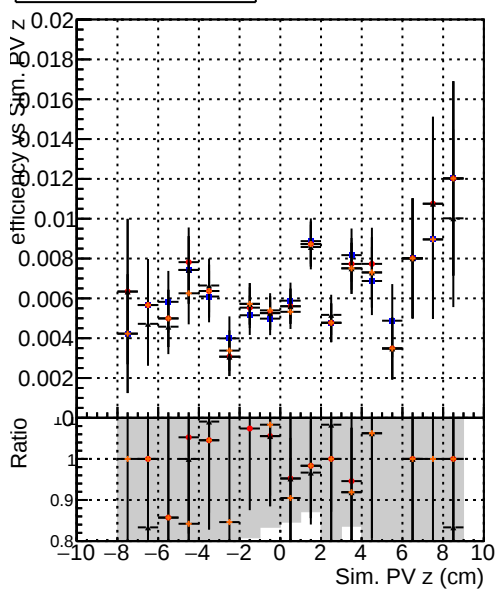


**Efficiency**

—●— DQM\_V0001\_R0000000001\_Global\_CMSSW\_ckptPU50\_RECO  
 —●— DQM\_V0001\_R0000000001\_Global\_CMSSW\_mkFitPU50\_RECO  
 —●— DQM\_V0001\_R0000000001\_Global\_CMSSW\_mkFitPU50LowPtQuad\_RECO  
 —●— DQM\_V0001\_R0000000001\_Global\_CMSSW\_mkFitPU50LowPtTriplet\_RECO



**Efficiency vs. sim PV z**



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

