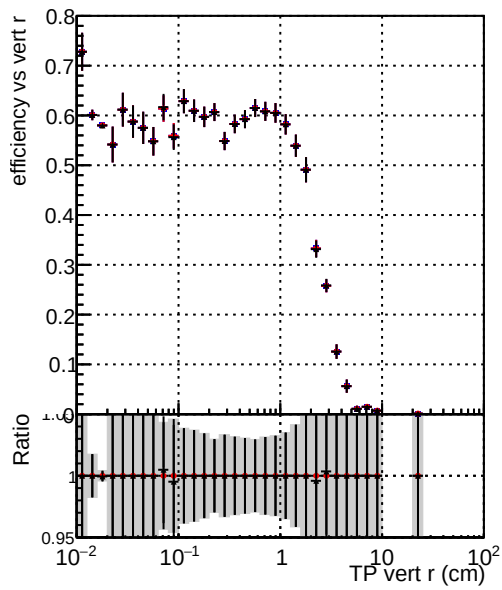
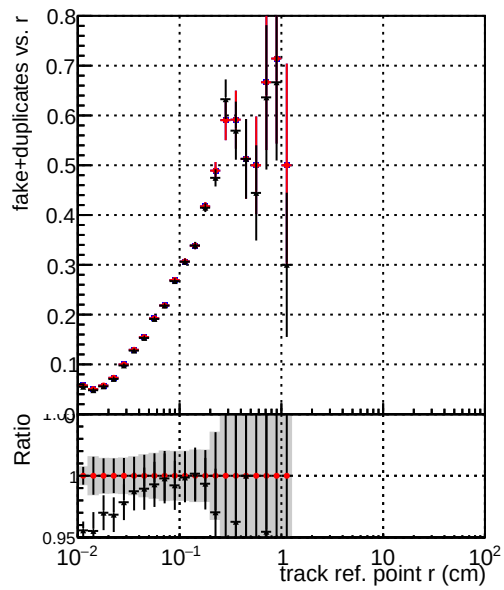
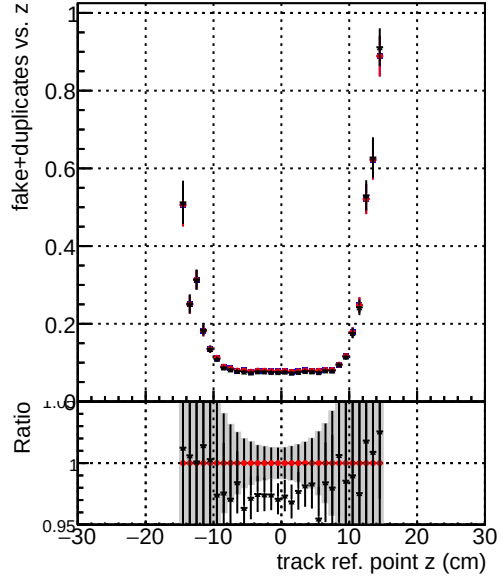
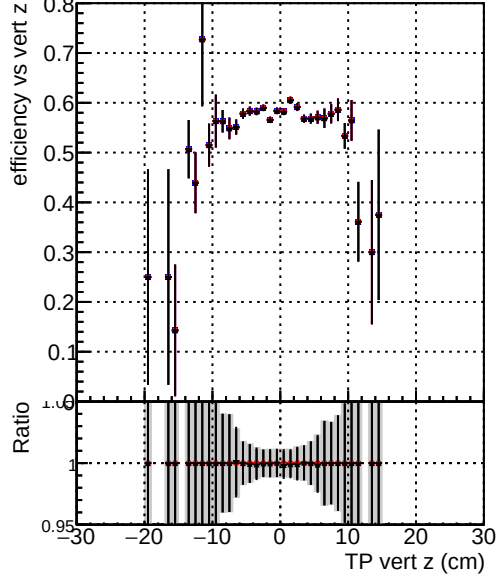
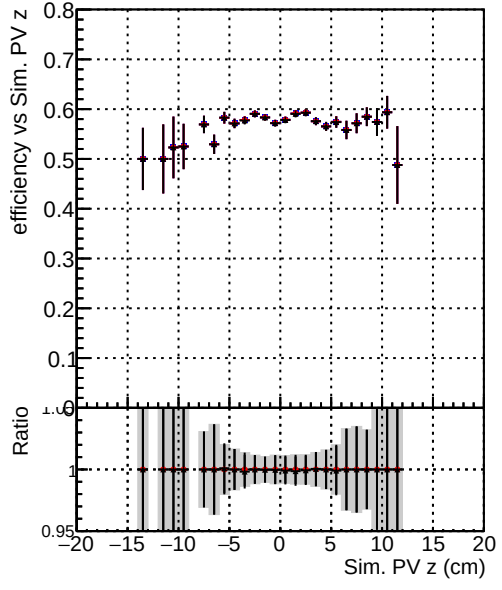


**Efficiency vs vertpos****fake+duplicates vs vert r**
**Efficiency vs. TP vert z (cm)**  
 Legend:  
 - —•— DQM\_original\_originalvector\_1000evt  
 - —•— DQM\_original\_1000evt  
 - —•— DQM\_fitted4\_1000evt
**Efficiency vs. sim PV z****fake+duplicates vs Sim. PV z**