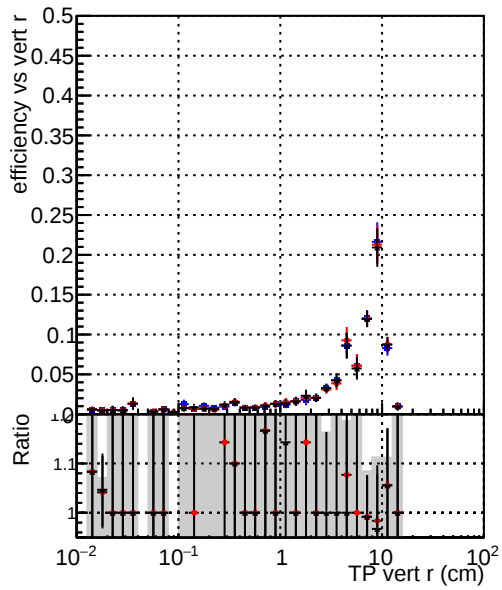
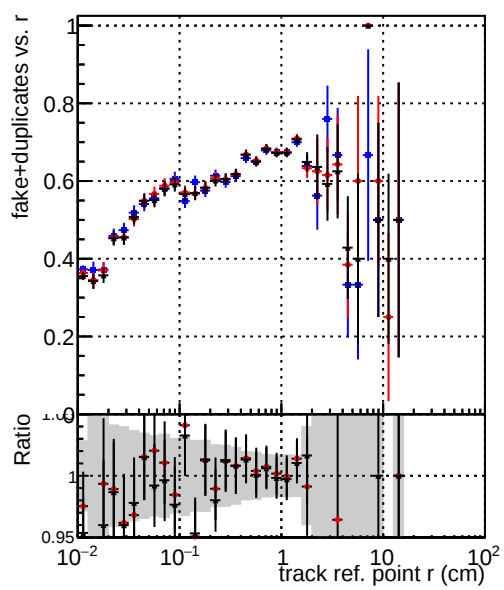
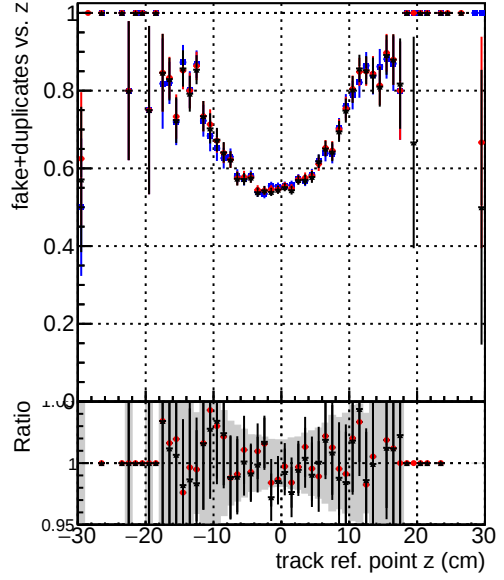
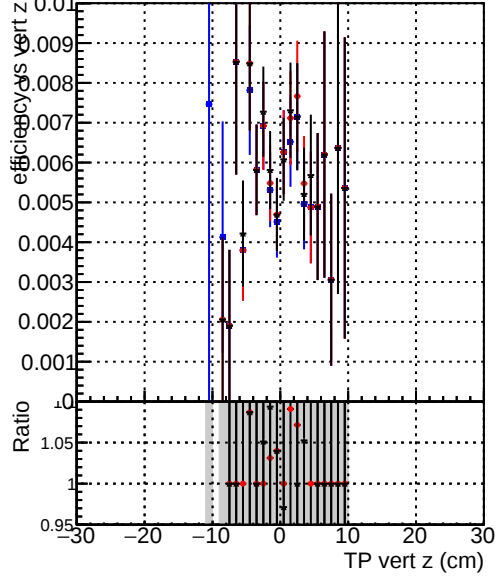
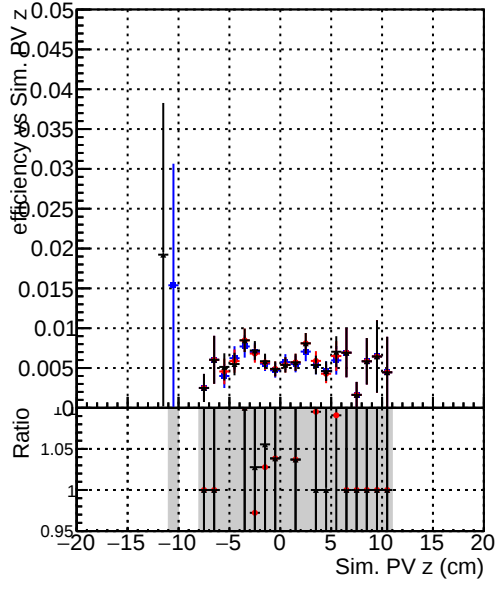


**Efficiency vs vertpos****fake+duplicates vs vert r**
**Efficiency vs. TP vert z (cm)**  
 — DQM\_original\_step2\_ttbar-phase1-newgeom  
 — DQM\_pixelCPE\_step2\_ttbar-phase1-newgeom  
 — DQM\_pixelCPENoMatR\_step2\_ttbar-phase1-newgeom
**Efficiency vs. sim PV z****fake+duplicates vs Sim. PV z**