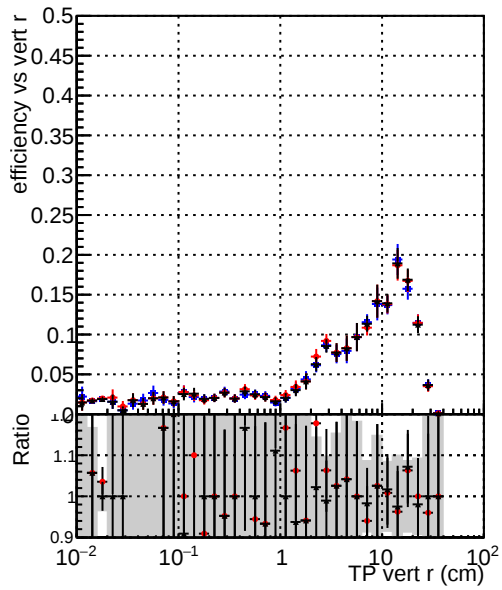
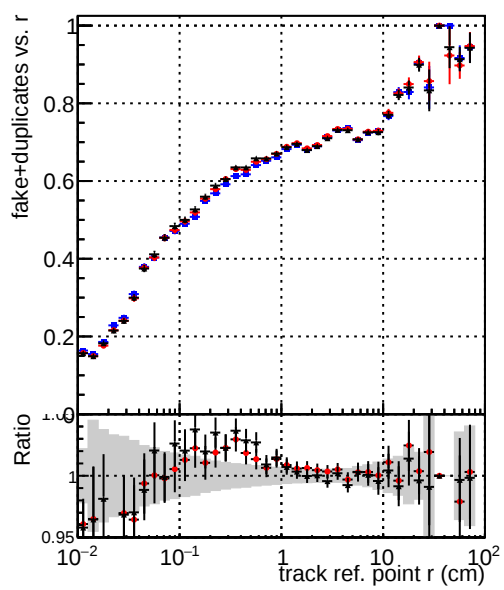
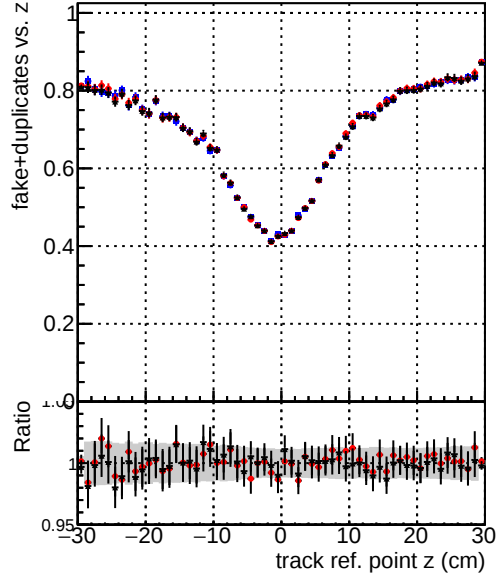
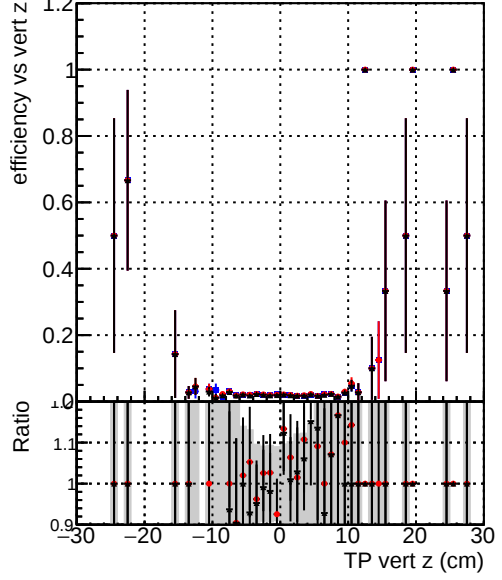
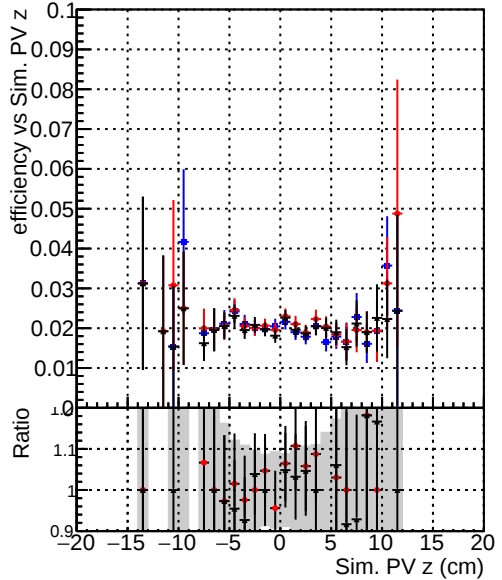


**Efficiency vs vertpos****fake+duplicates vs vert r**
**Efficiency vs. sim PV z**  
 —●— DQM\_original\_step2\_ttbbar-phase1-newgeom  
 —●— DQM\_pixelCPETemplate\_step2\_ttbbar-phase1-newgeom  
 —●— DQM\_pixelCPETemplateCutChiSquareNew\_step2\_ttbbar-phase1-newgeom
**Efficiency vs. sim PV z****fake+duplicates vs Sim. PV z**