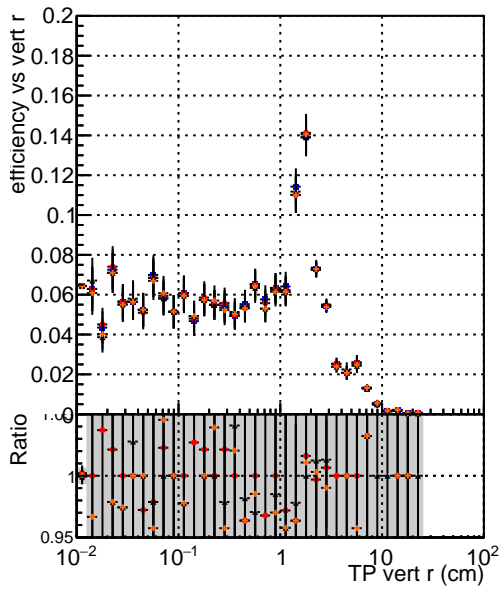
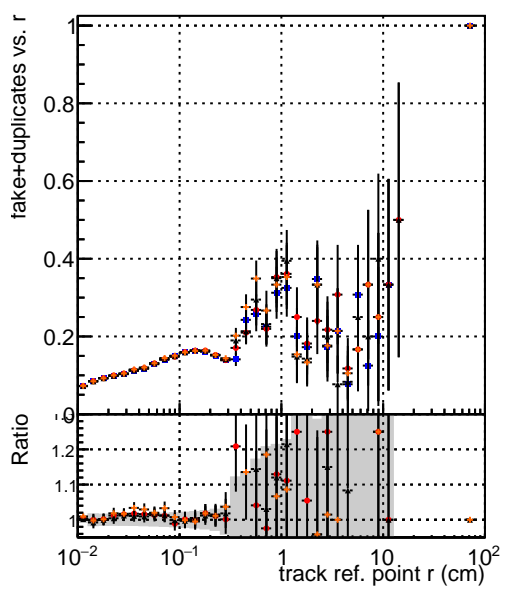
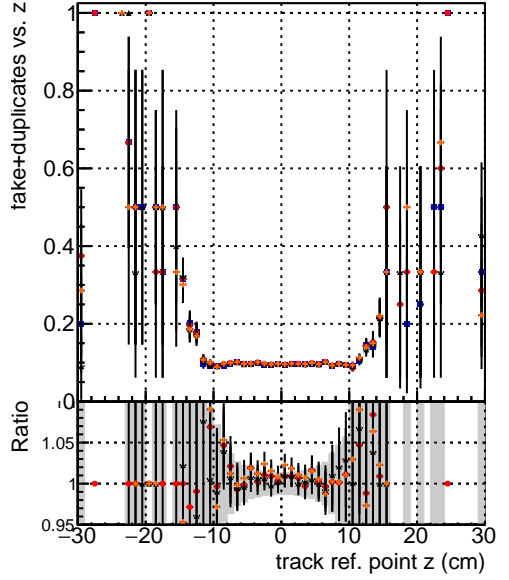
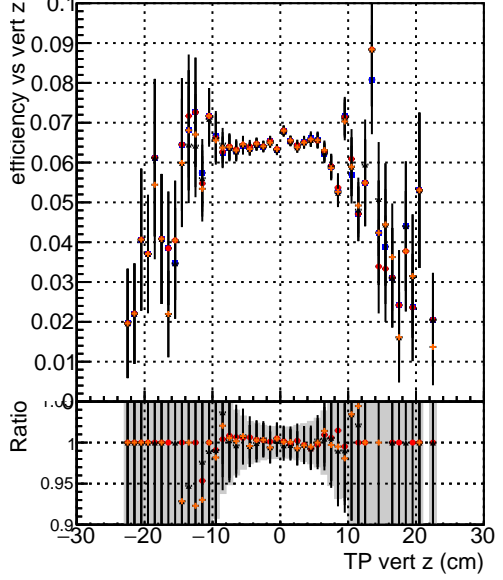
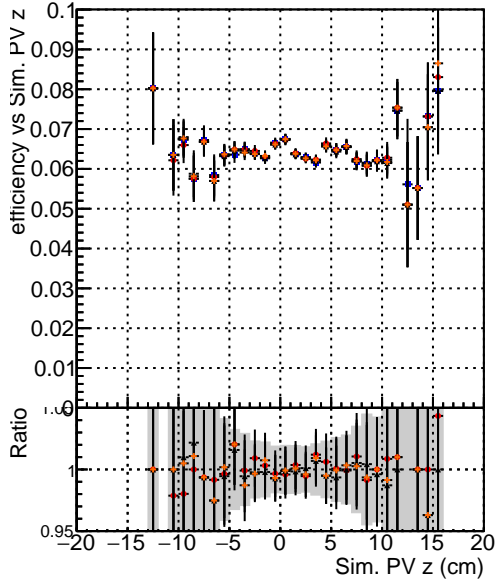


**Efficiency vs vertpos****fake+duplicates vs vert r**
**Efficiency vs vert z**  
 Legend:  
 - DQM\_mkFit\_TToriginal (blue squares)  
 - DQM\_mkFit\_TTNEWS-improved (red diamonds)  
 - DQM\_mkFit\_TTOriginal-106 (black triangles)  
 - DQM\_mkFit\_TTNEWSMS-improved (orange stars)
**Efficiency vs. sim PV z****fake+duplicates vs Sim. PV z**