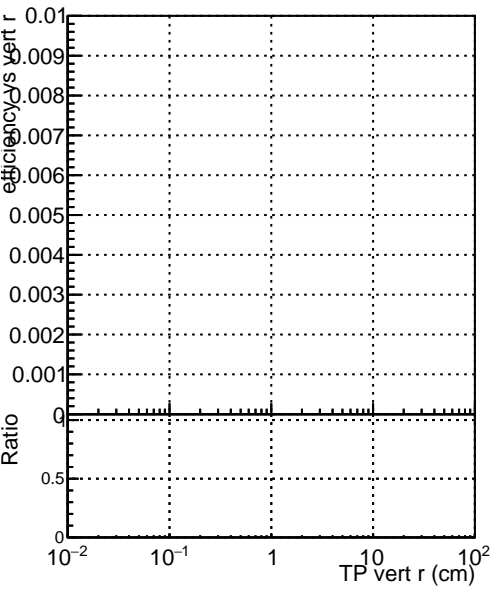
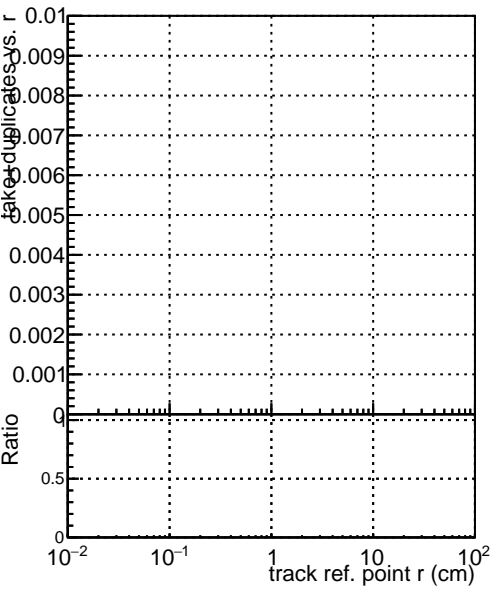


**Efficiency vs vertpos**

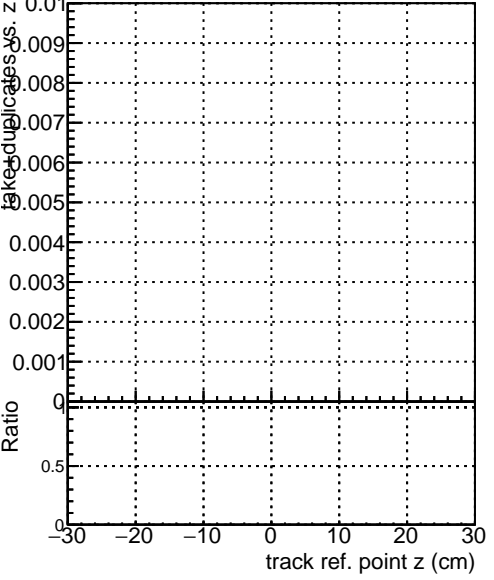
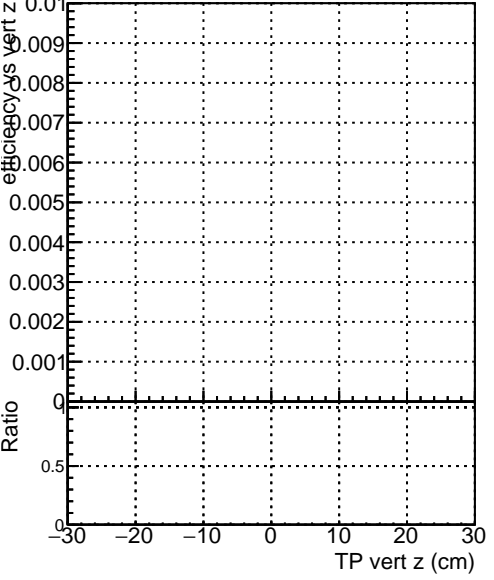


**fake+duplicates vs vert r**

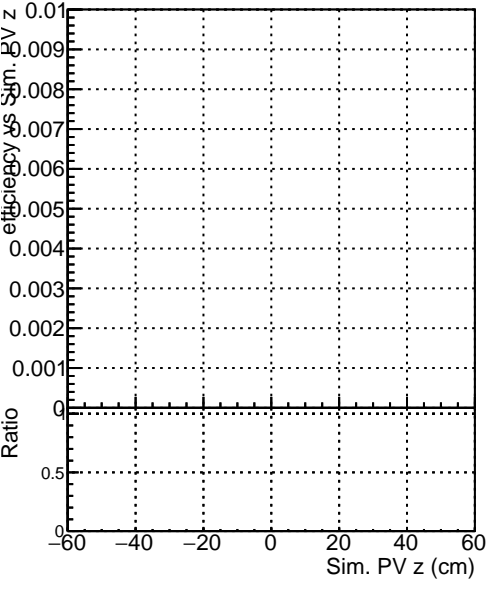


**Efficiency vs vert z**      **fake+duplicates vs vert z**

Legend:   
 - SoftQCD\_default (blue line with square markers)   
 - SoftQCD\_ckfPixelLessStep (red line with circle markers)



**Efficiency vs. sim PV z**



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

