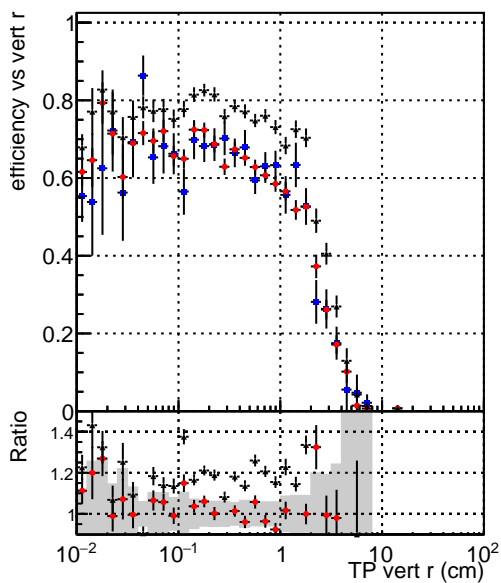
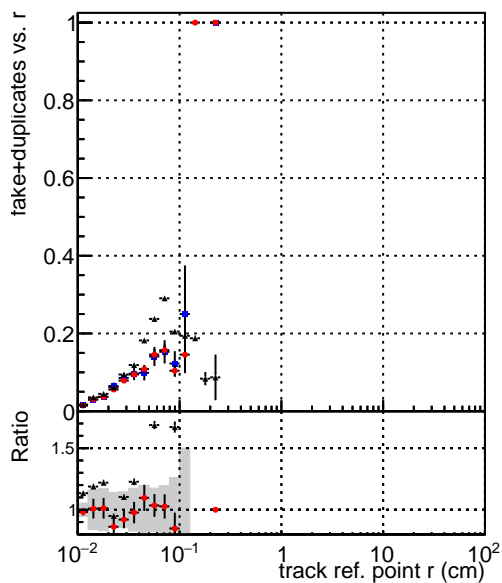


**Efficiency vs vertpos**

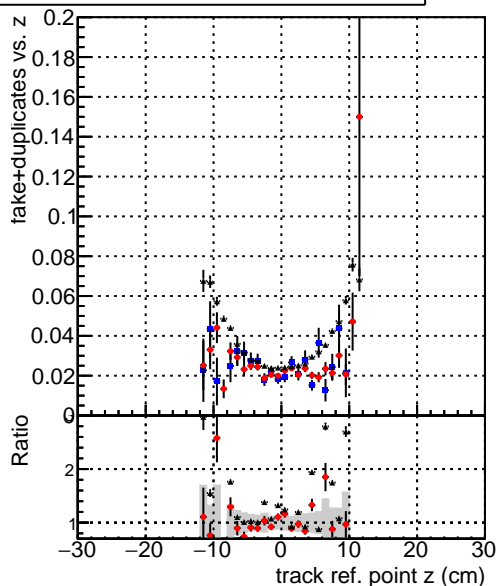
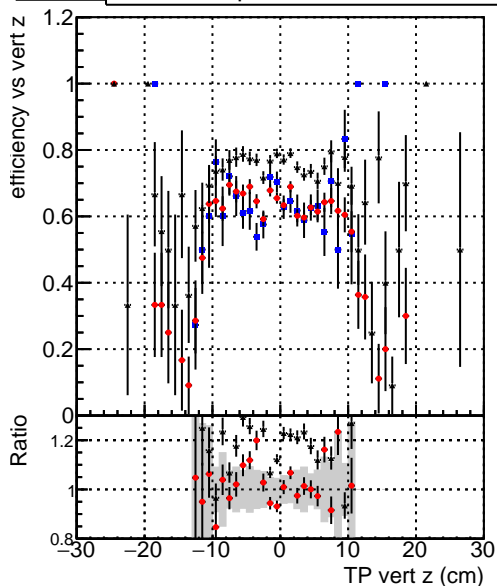


**fake+duplicates vs vert r**

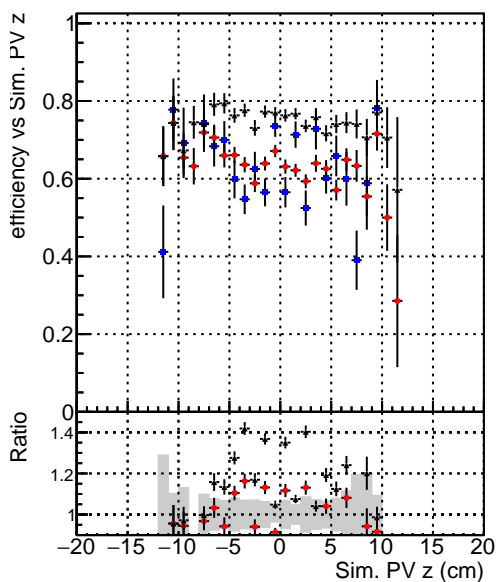


**Efficiency**

—●— trimmed\_pata\_region\_new  
 —●— trimmed\_pata\_region  
 —●— baseline\_pata



**Efficiency vs. sim PV z**



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

