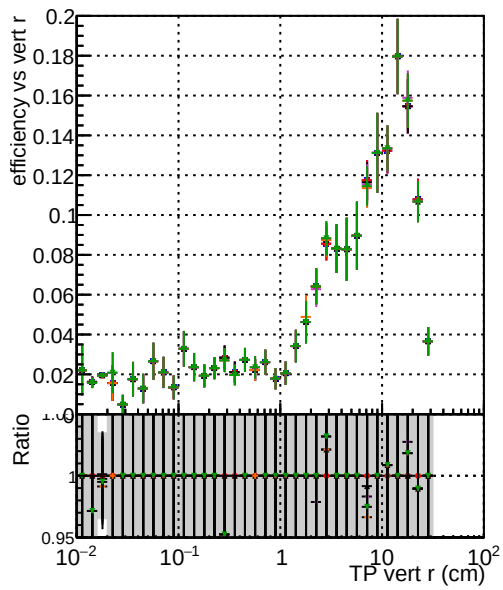
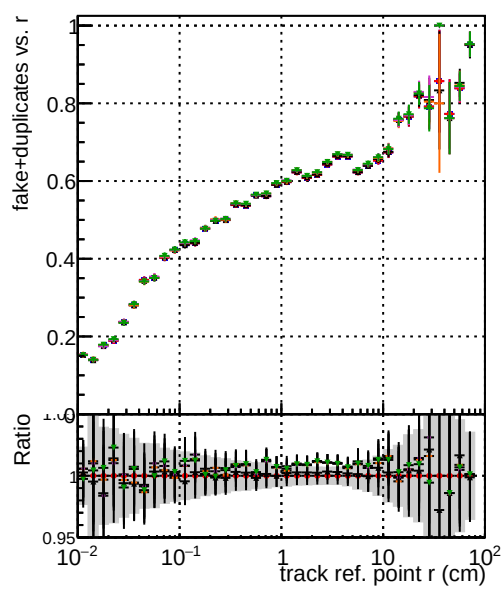
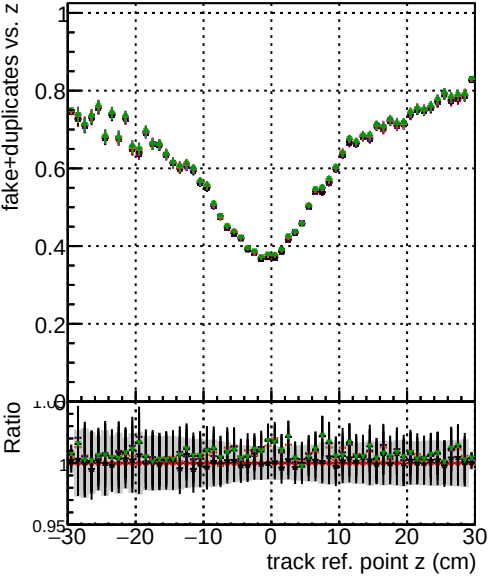
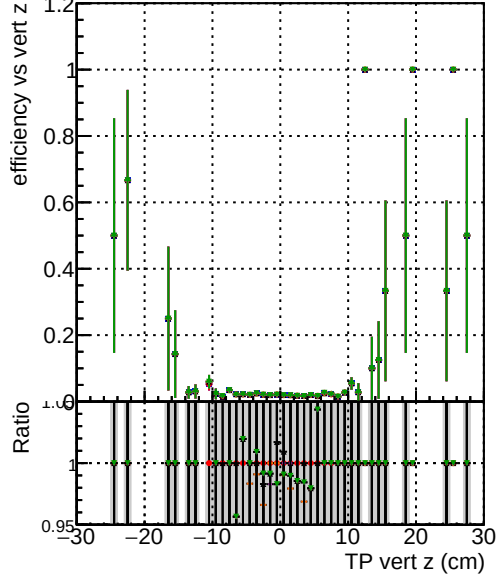
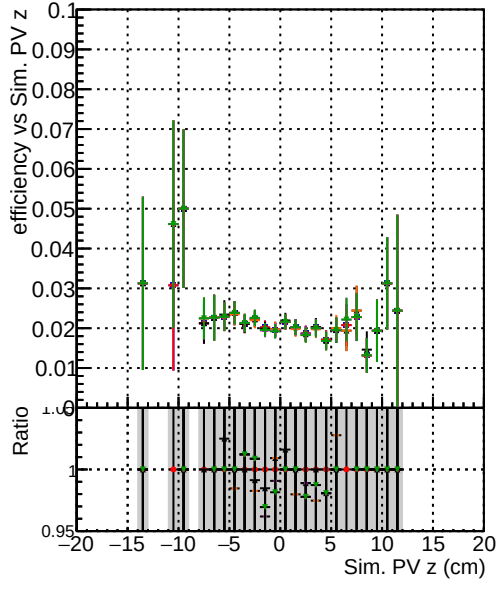


Efficiency vs vertpos**fake+duplicates vs vert r**
Efficiency vs vert z
 BGM original original vector 1000evt
 BGM fitted 4 1000evt
 BGM fit nope 1000evt
 BGM fit cpeok SORTRZ 1000evt
**Efficiency vs. sim PV z****fake+duplicates vs Sim. PV z**