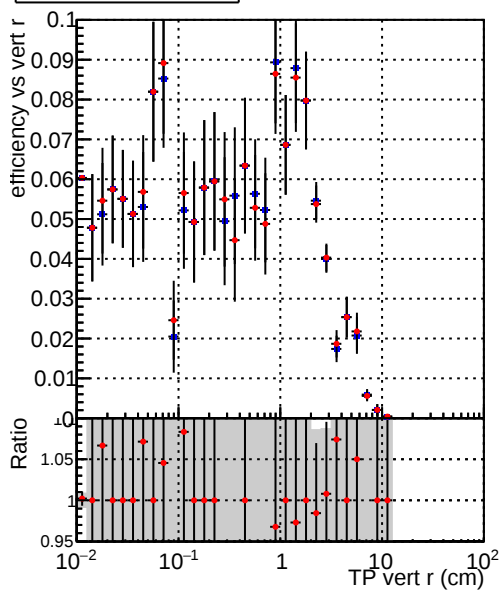
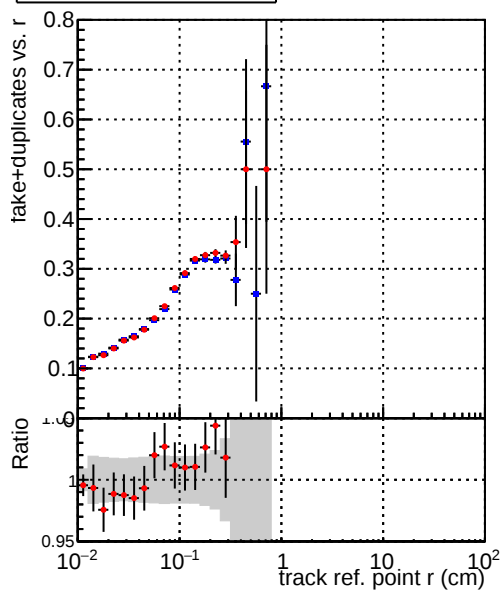
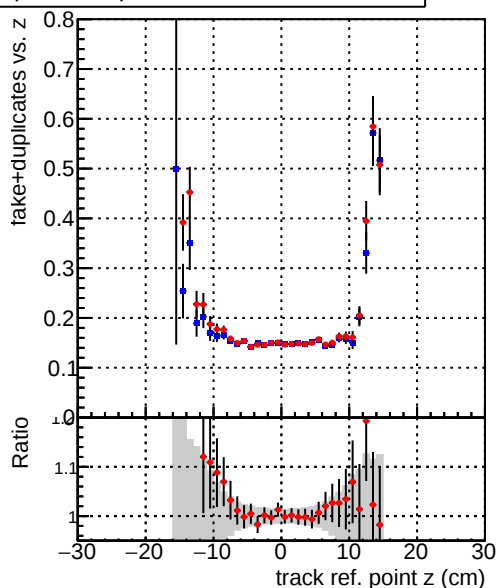
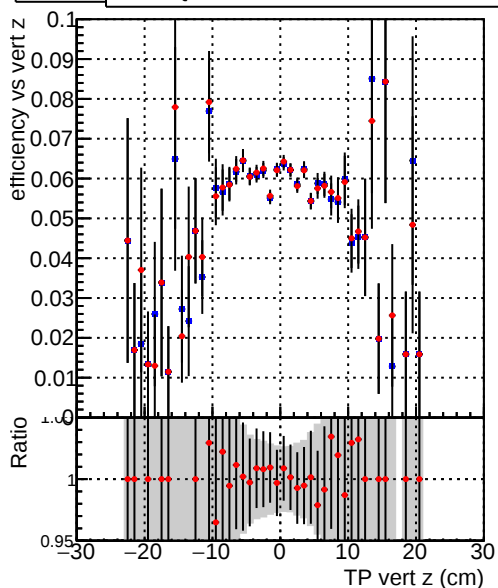
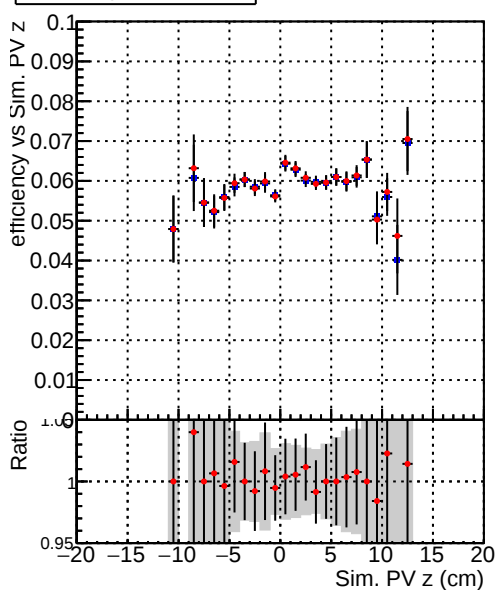


**Efficiency vs vertpos****fake+duplicates vs vert r**
**Efficiency vs vert z**  
 — DQM\_CKF\_XiMinusNOPU\_base  
 — DQM\_CKF\_XiMinusNOPU\_retrainOldFiles125\_v2\_prelimWPM\_epoch3
**Efficiency vs. sim PV z****fake+duplicates vs Sim. PV z**