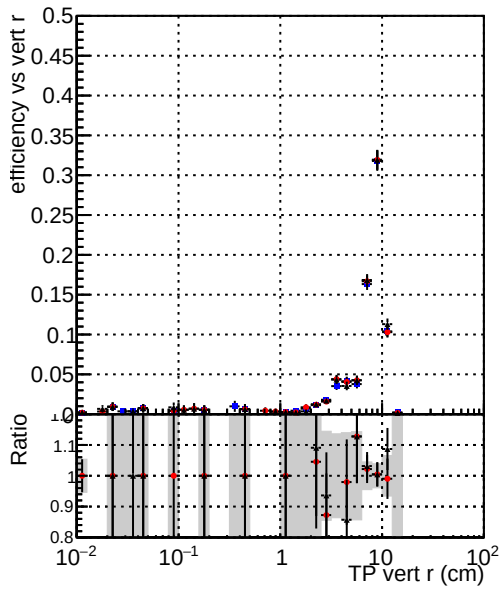
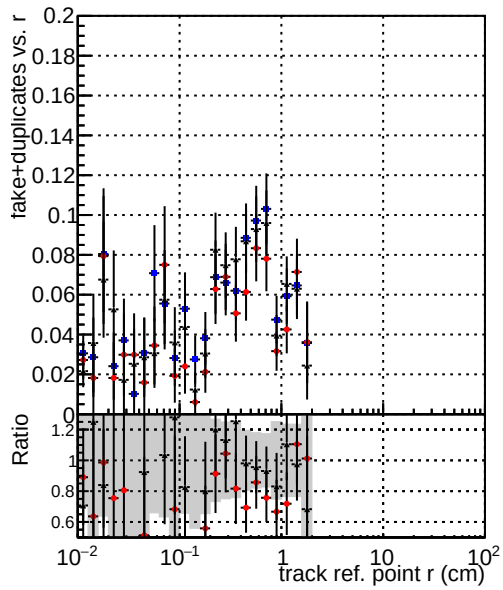
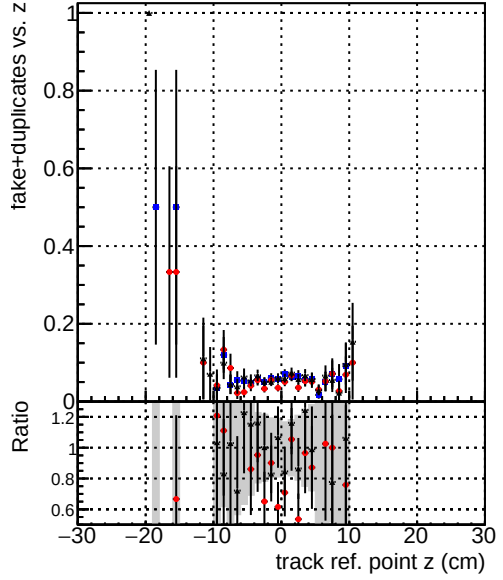
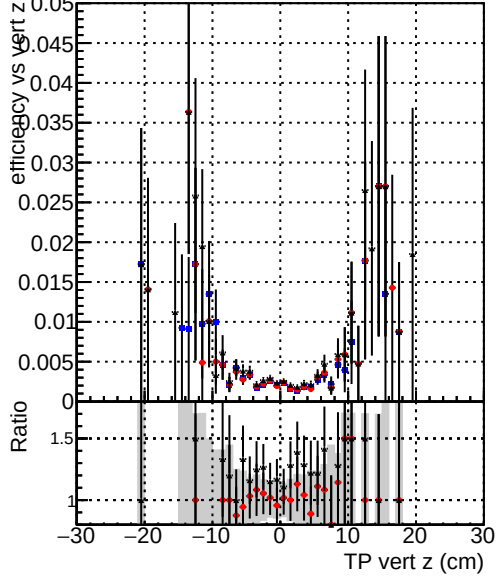
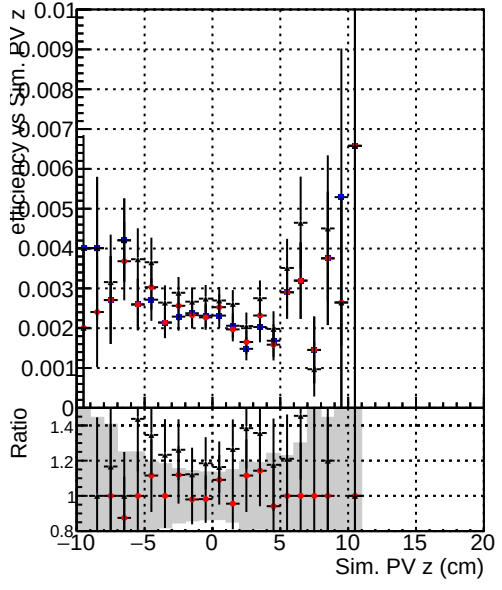


**Efficiency vs vertpos****fake+duplicates vs vert r**
**Efficiency vs TP vert z (cm)**
  
 Legend:
 

- DQMstep3\_SoftQCD\_CKF (blue circles)
- DQMstep3\_SoftQCD\_default (red circles)
- DQMstep3\_SoftQCD\_defaultNEWT3 (black circles)

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