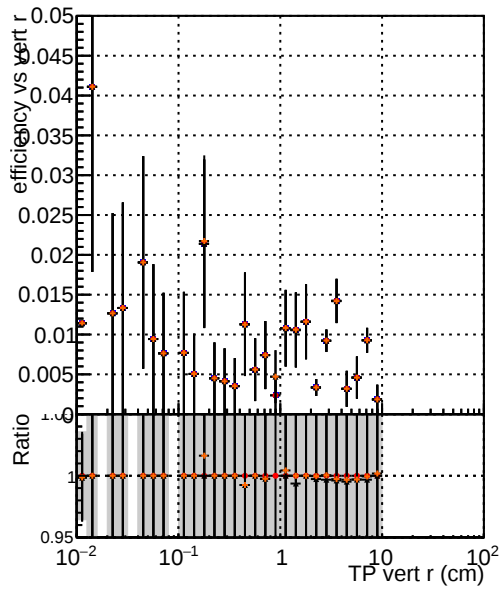
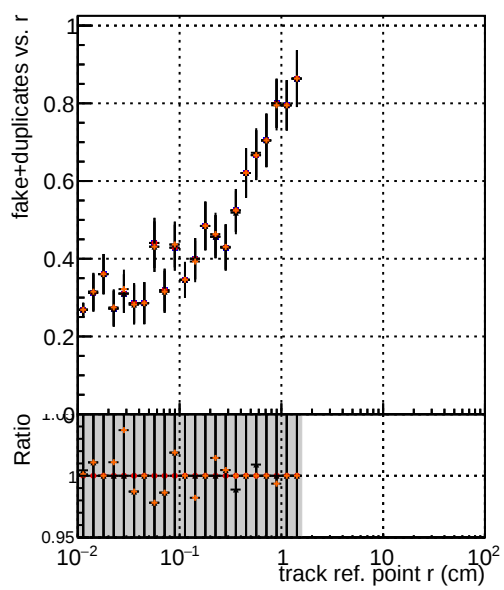
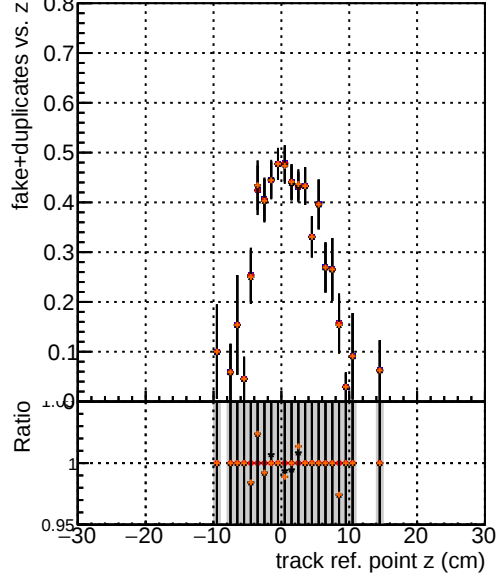
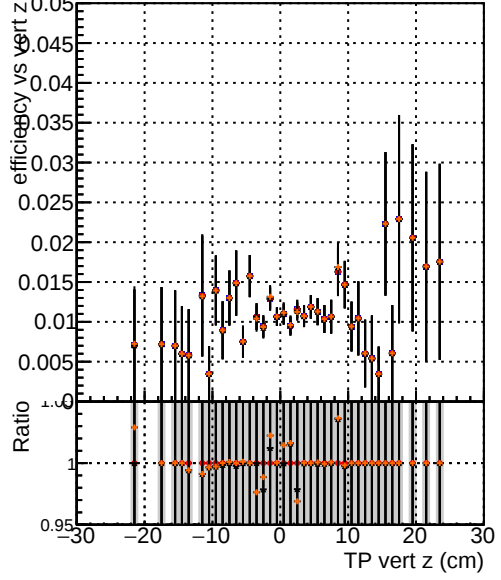
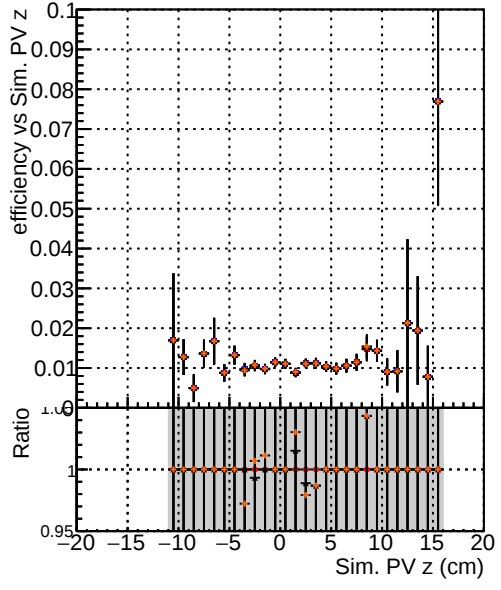


**Efficiency vs vertpos****fake+duplicates vs vert r**
**Efficiency vs. TP vert z**

- DQM TT original\_lowpt
- DQM TT newbranch\_lowpt
- DQM TT original\_lowpt\_pLess
- DQM TT newbranch\_lowpt\_pLess

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