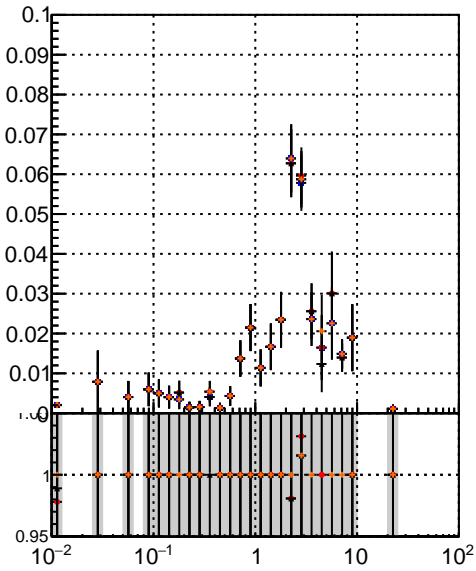
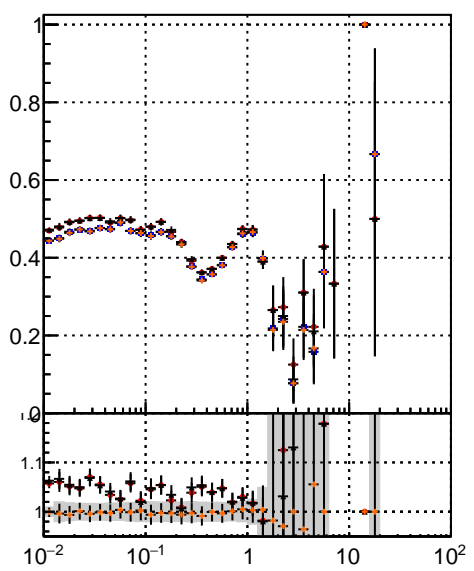
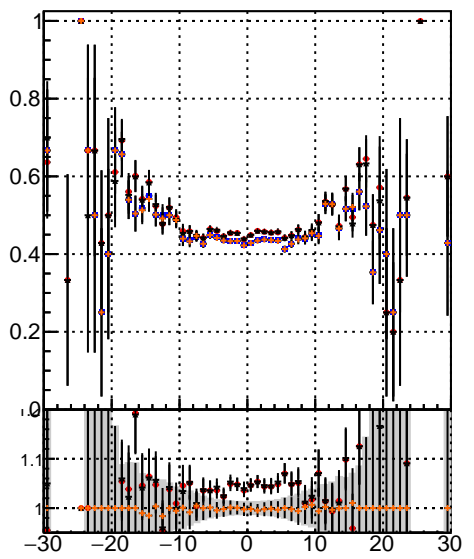
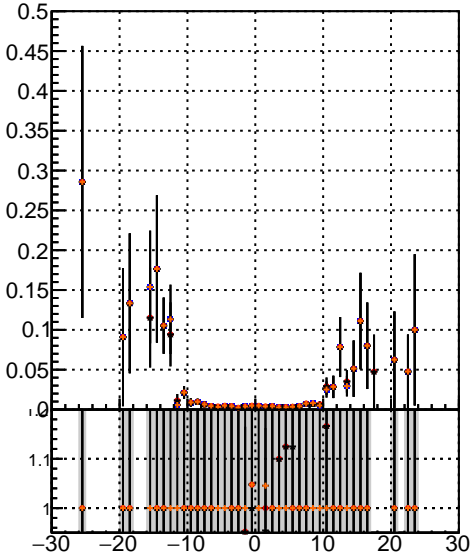
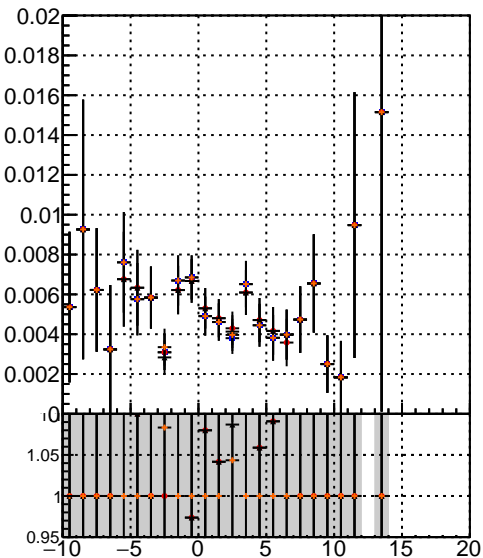


**Efficiency vs vertpos****fake+duplicates vs vert r****Efficiency**

- DQM TT MS
- DQM TT MS detQ
- DQM TT MS detQ-dpdq
- DQM TT MS detQ-chi2

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