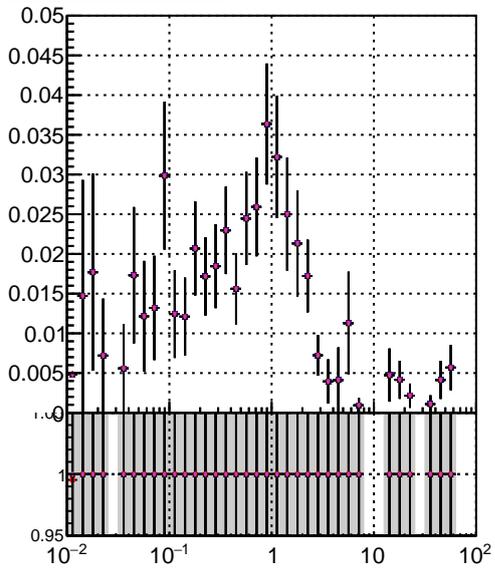
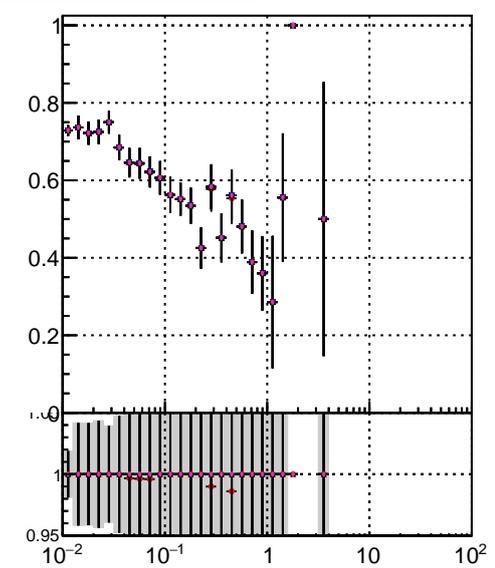
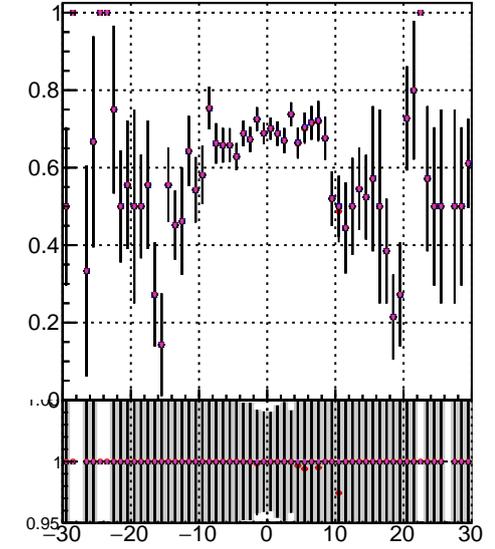
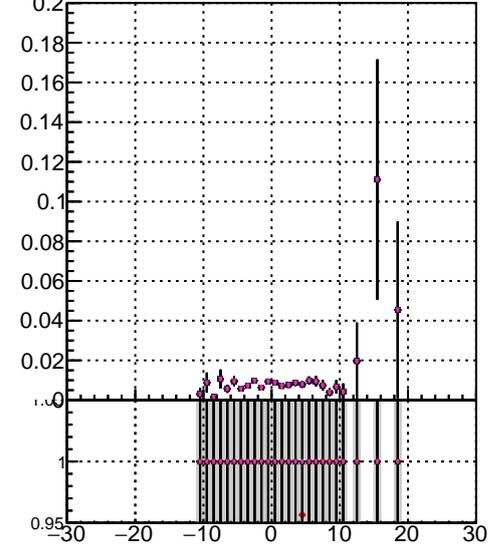
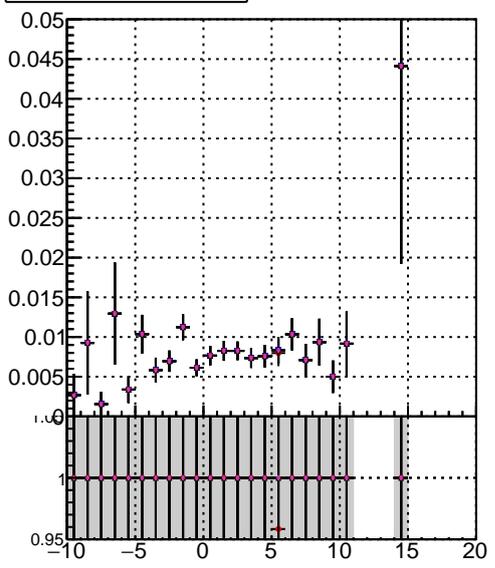


**Efficiency vs vertpos****fake+duplicates vs vert r**

Efficiency vs sim PV z

- blue circle: orig/DQM\_orig\_MS
- red square: initial/DQM\_orig\_MS
- green triangle: highP/Triples/DQM\_orig\_MS
- magenta diamond: detached/DQM\_orig\_MS
- cyan star: detachedT/DQM\_orig\_MS

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