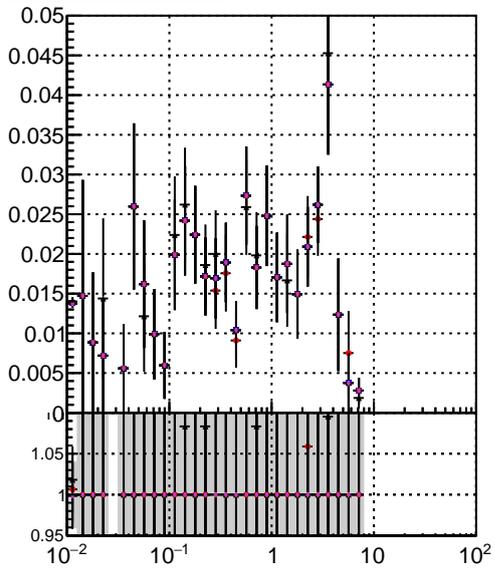
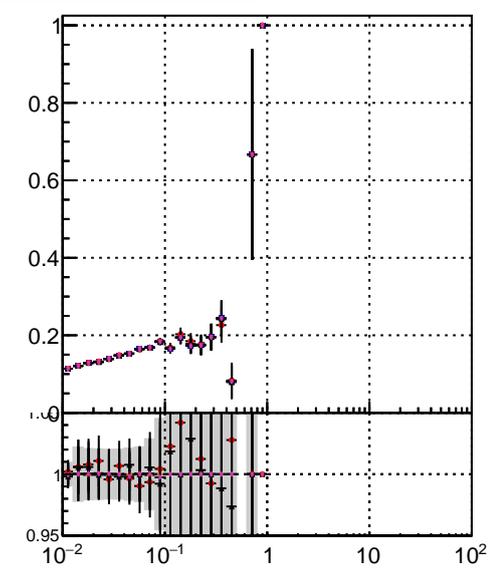
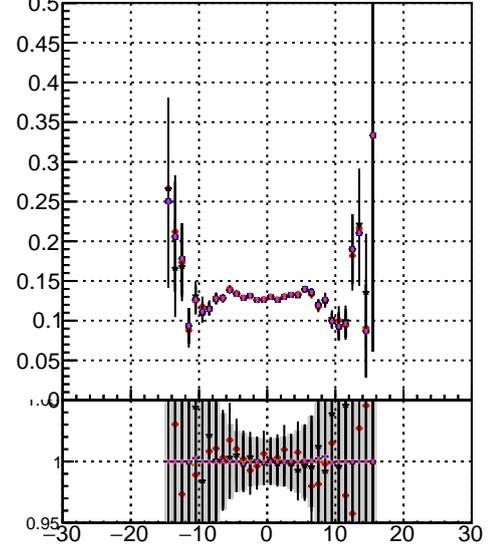
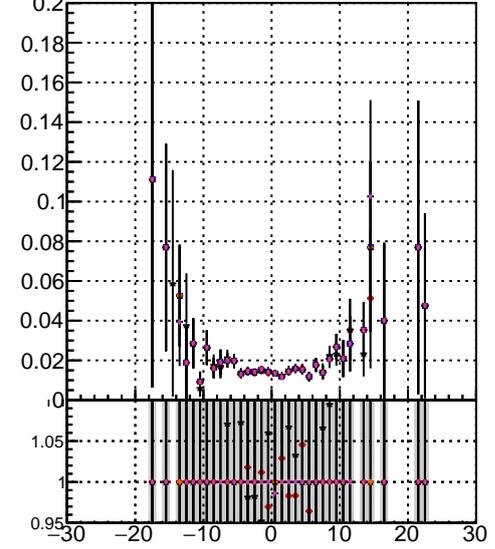
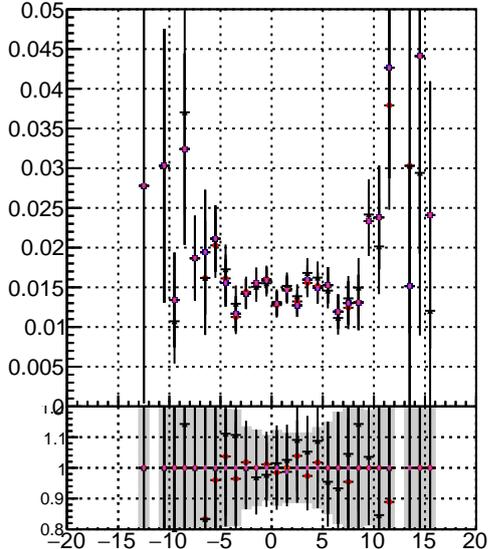


**Efficiency vs vertpos****fake+duplicates vs vert r**

Efficiency vs vertpos

- blue line: orig/DQM\_orig\_MS
- red line: initial/DQM\_orig\_MS
- magenta line: highP/Triples/DQM\_orig\_MS
- black line: detached0/DQM\_orig\_MS
- green line: detached1/DQM\_orig\_MS

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