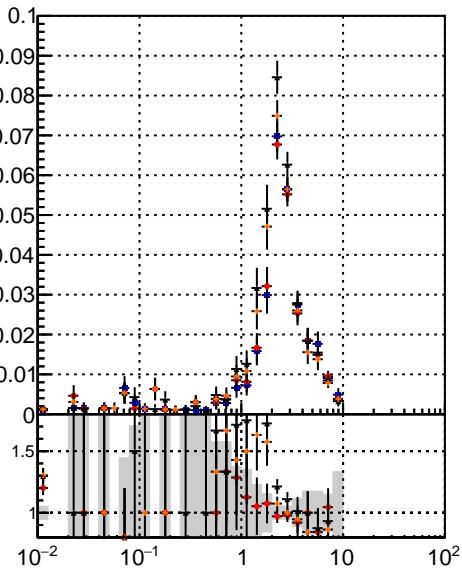
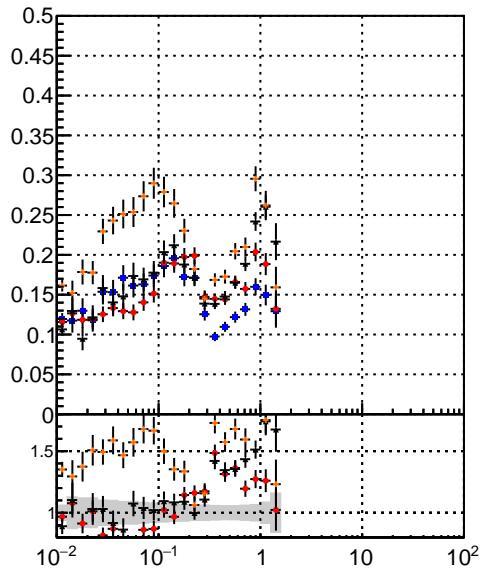
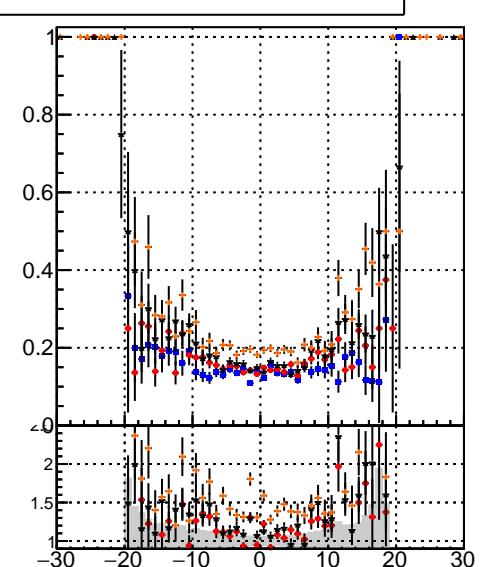
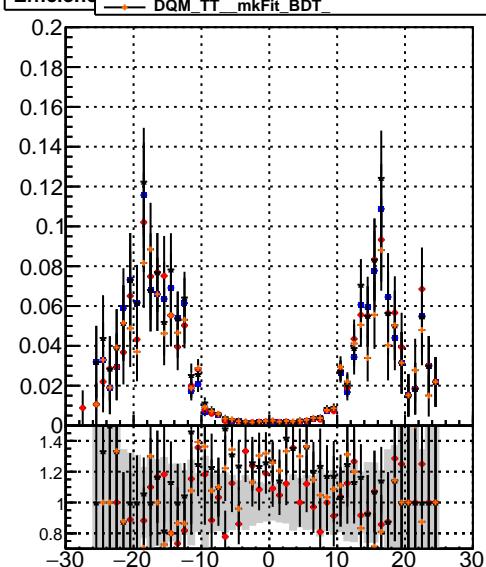
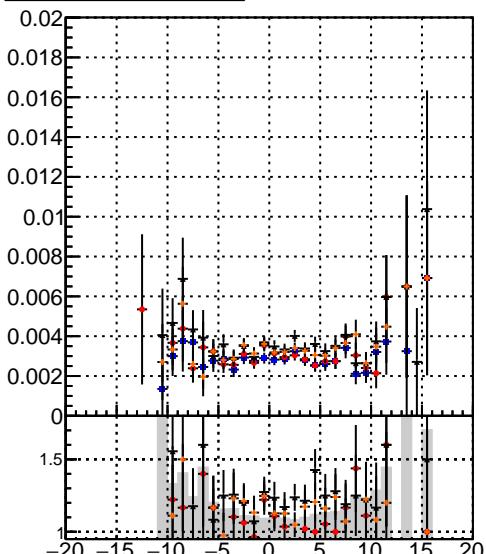


**Efficiency vs vertpos****fake+duplicates vs vert r****Efficiency**

Legend:  
— DQM\_TT\_CKF  
● DQM\_TT\_mkFit  
• DQM\_TT\_CKF\_BDT  
○ DQM\_TT\_mkFit\_BDT

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