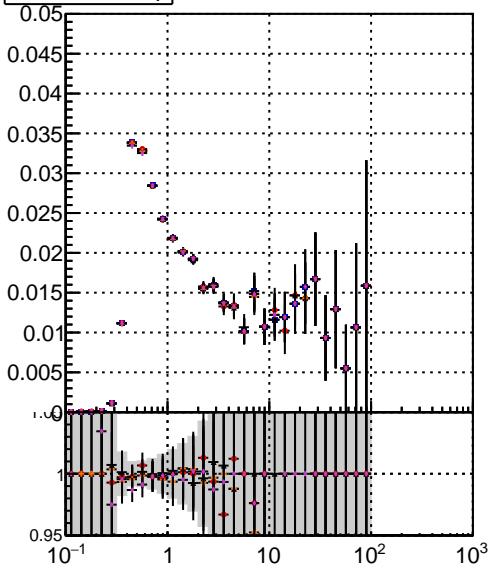
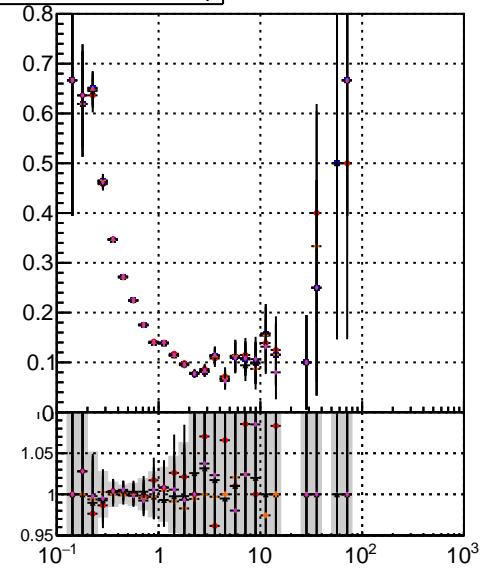
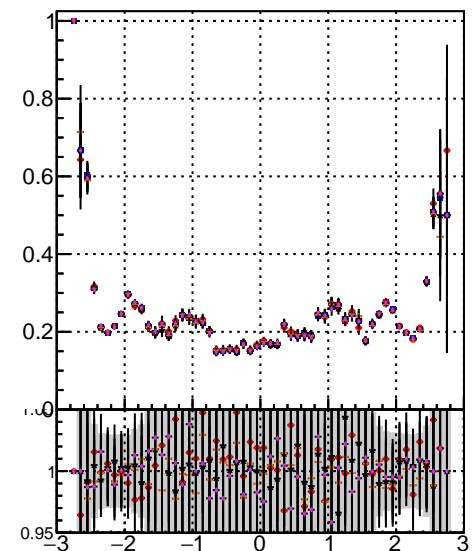
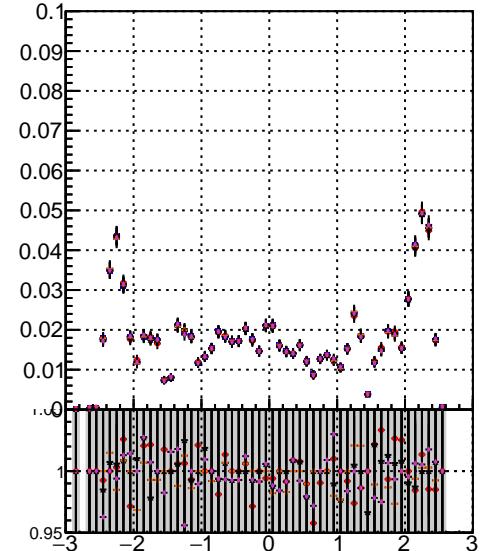
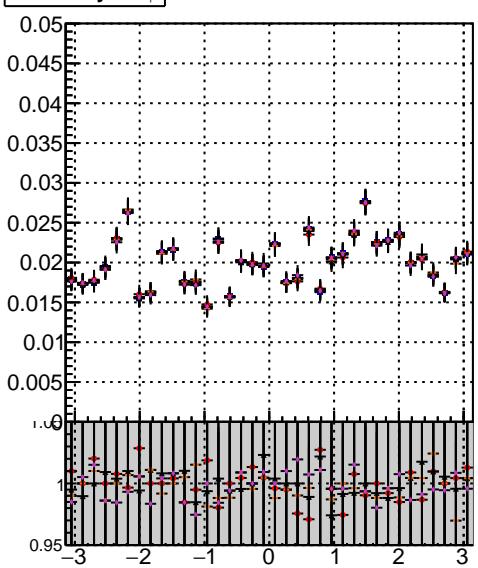


**Efficiency vs  $p_T$** **fake+duplicates vs  $p_T$** 

Legend:  
DQM(orig) MS  
DQM(orig) MS  
DQM(detached) MS  
DQM(detached) MS

**Efficiency vs  $\phi$** **fake+duplicates vs  $\phi$** 