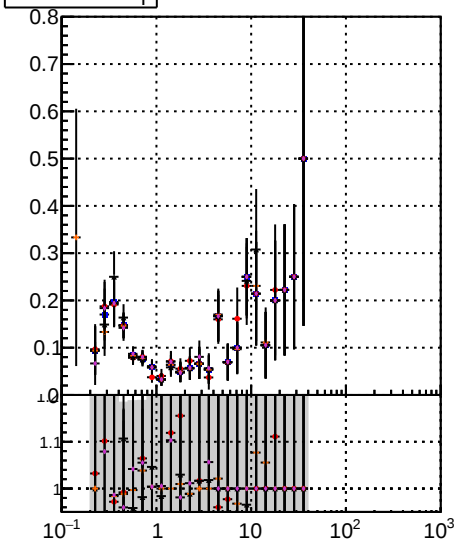
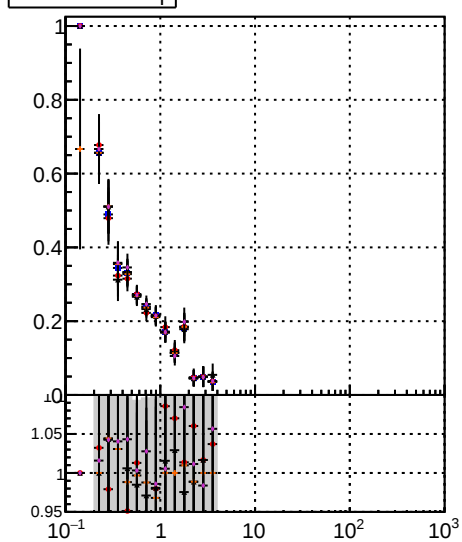
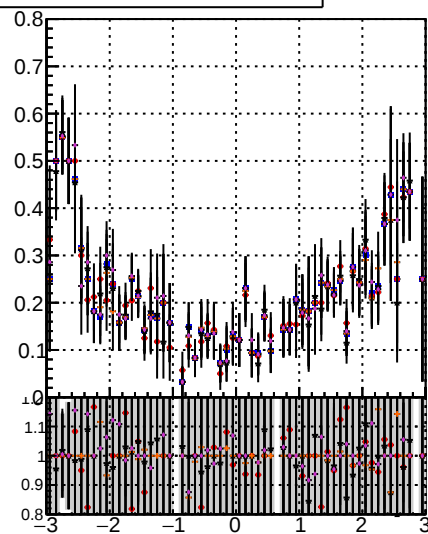
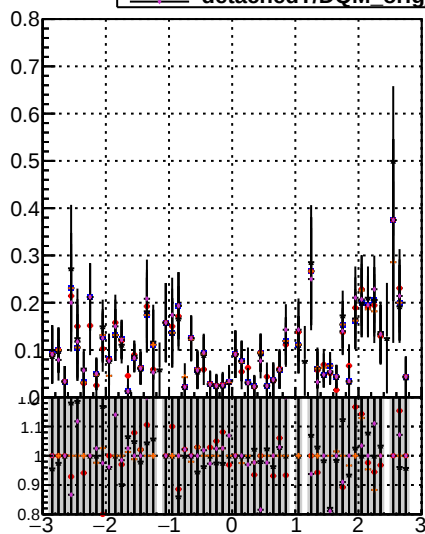
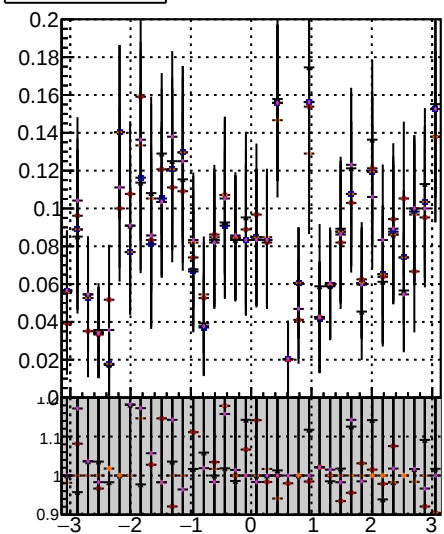


Fake rate vs  $p_T$ Duplicates Rate vs  $p_T$ Pileup rate vs  $p_T$ 

Orig/DQM\_orig\_MS  
 higher/DQM\_orig\_MS  
 detached/DQM\_orig\_MS  
 detached/DQM\_orig\_MS

Fake rate vs  $\phi$ Duplicates Rate vs  $\phi$ Pileup rate vs  $\phi$ 