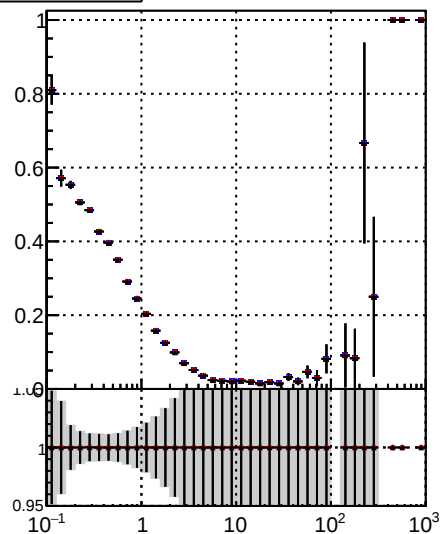
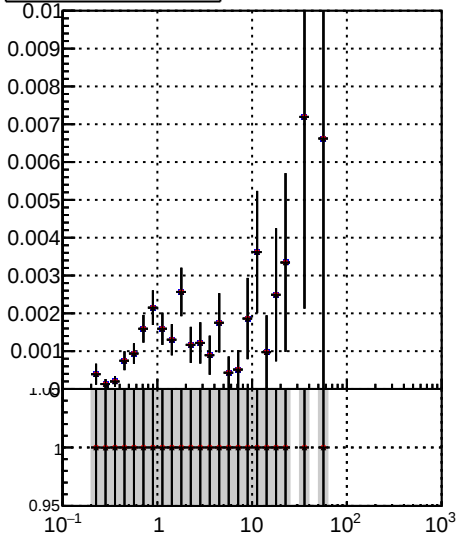
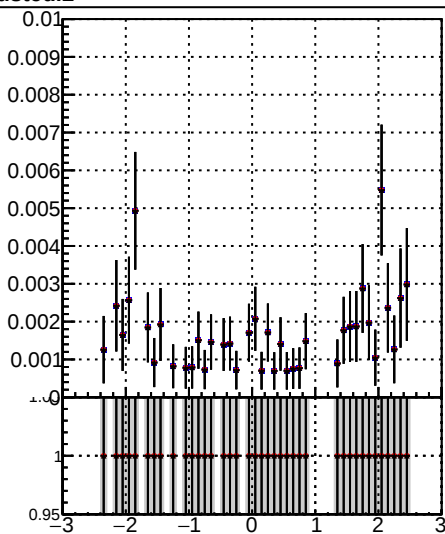
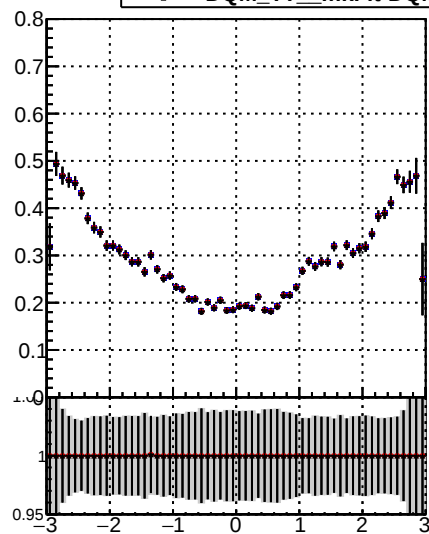
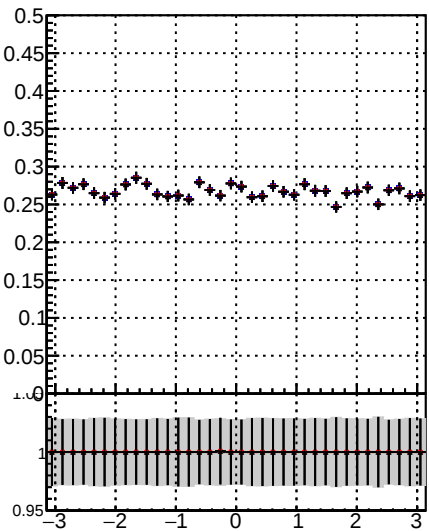
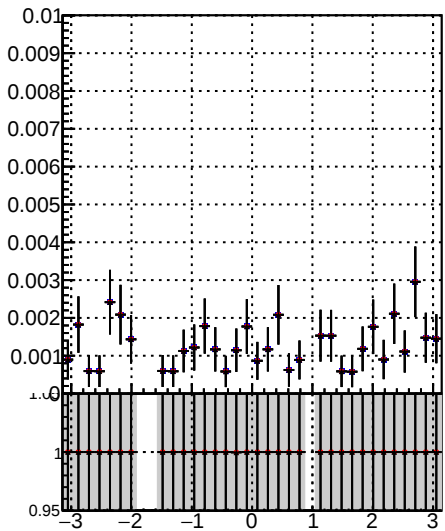


Fake rate vs  $p_T$ Duplicates Rate vs  $p_T$ Pileup rate vs  $p_T$ 

—•— DQM TT mkFit-DQM  
 —•— DQM TT mkFit-DQM adjusted  
 —•— DQM TT mkFit-DQM adjusted2

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