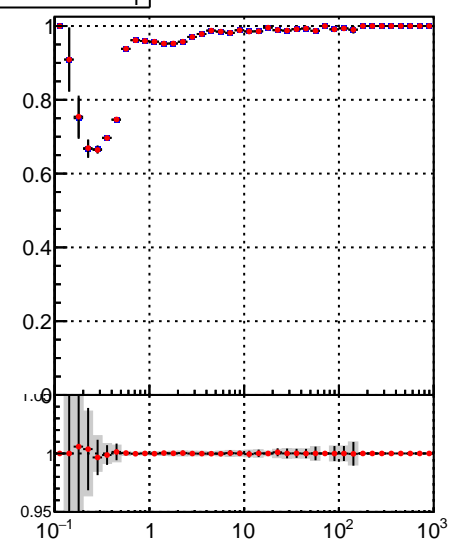
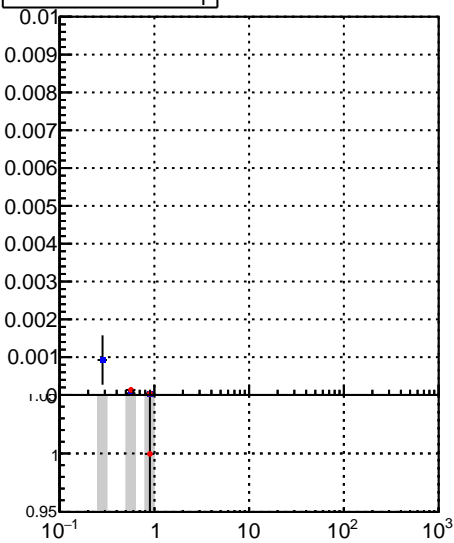
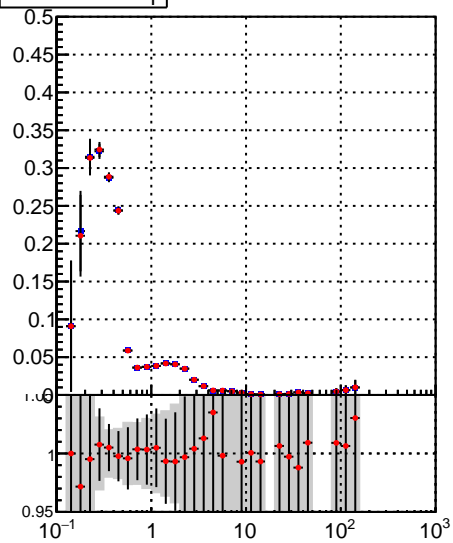
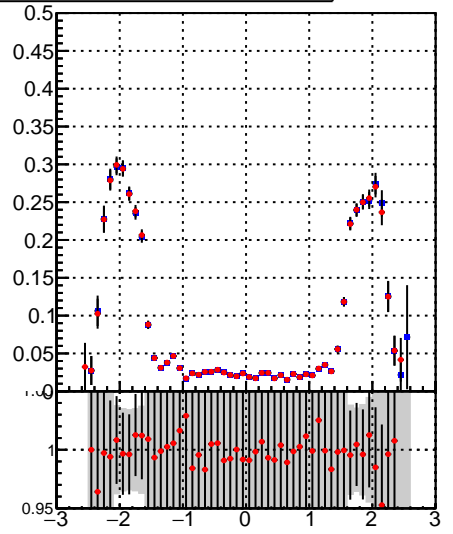
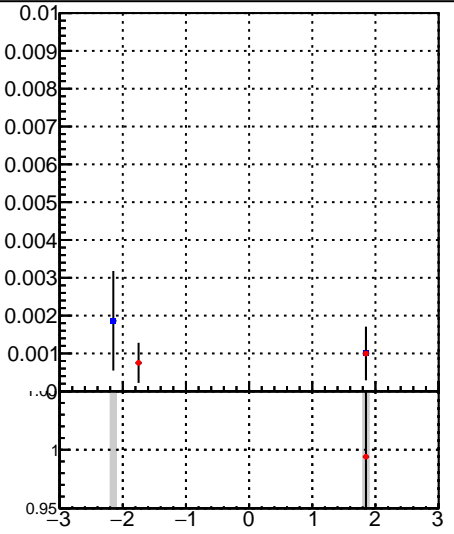
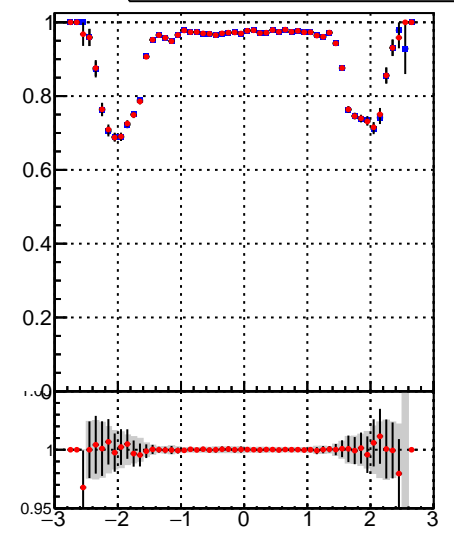
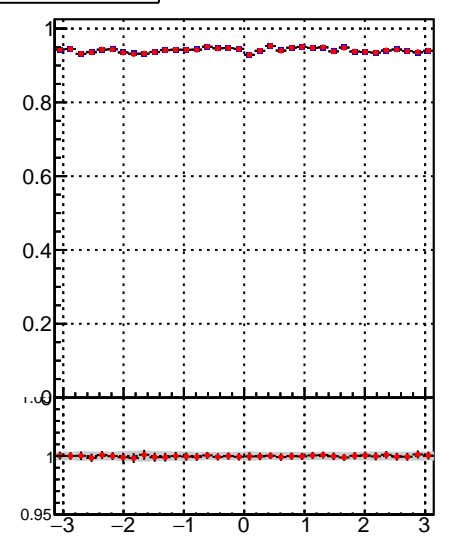
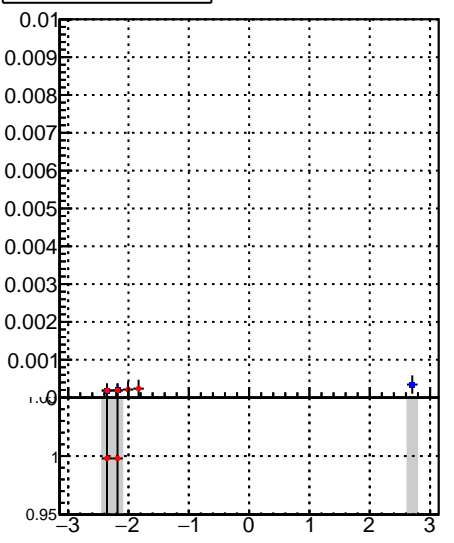


**Fake rate vs  $p_T$** **Duplicates Rate vs  $p_T$** **Pileup rate vs  $p_T$** 

■ **DQM\_TT\_mkFit-DQM\_original**  
■ **DQM\_TT\_mkFit-DQM\_modified5**

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