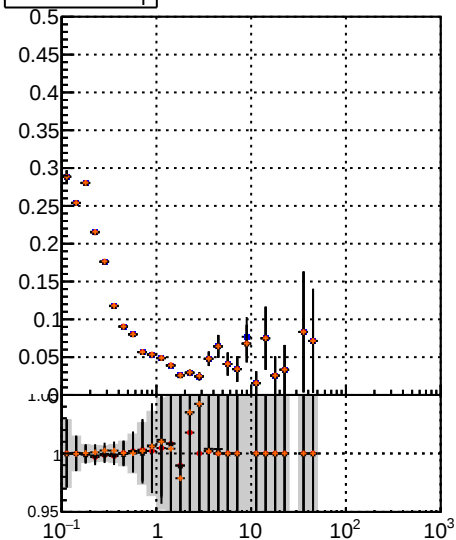
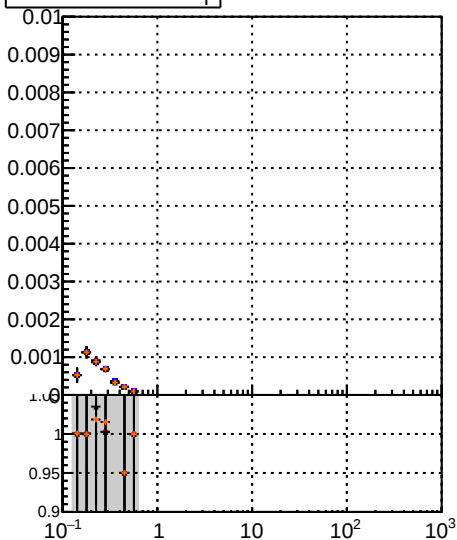
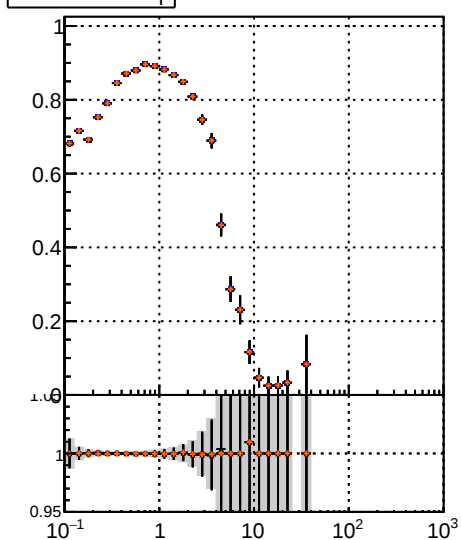
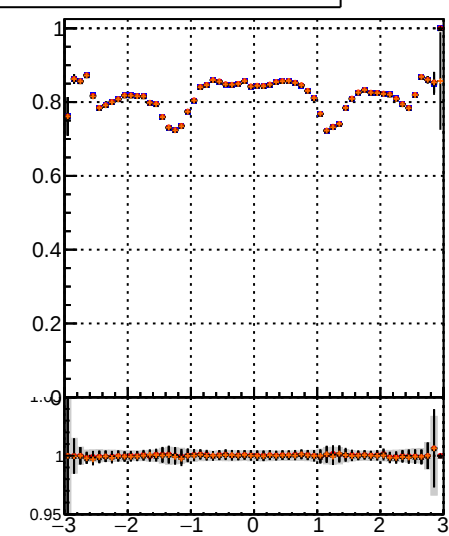
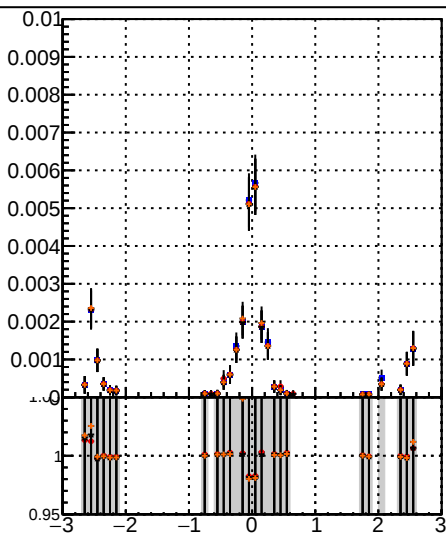
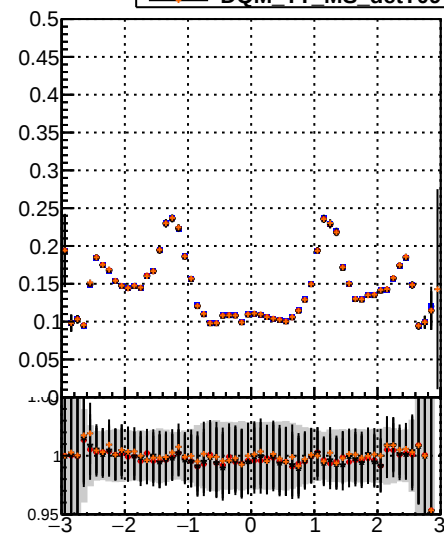
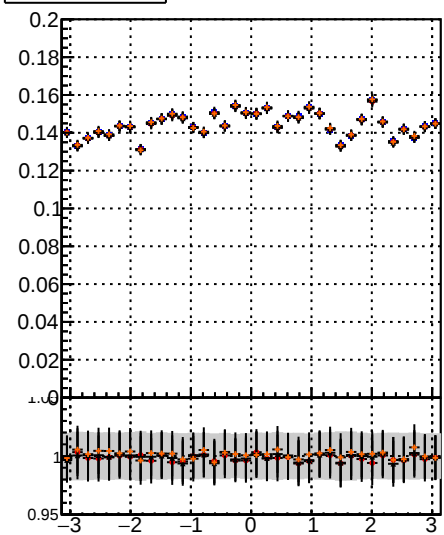
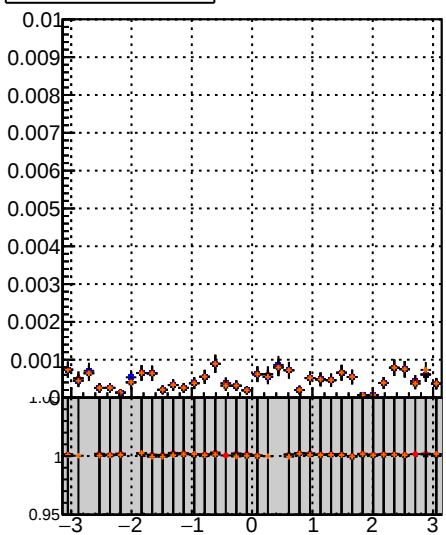


Fake rate vs  $p_T$ Duplicates Rate vs  $p_T$ Pileup rate vs  $p_T$ 

Legend for all plots:

- BQM TT MS detT (blue squares)
- BQM TT MS detT1 (red circles)
- BQM TT MS detT09 (orange triangles)

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