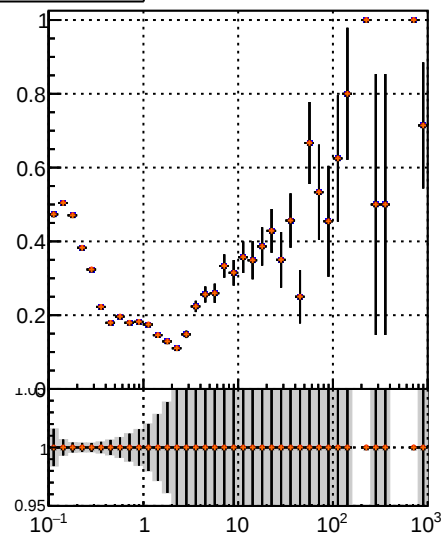
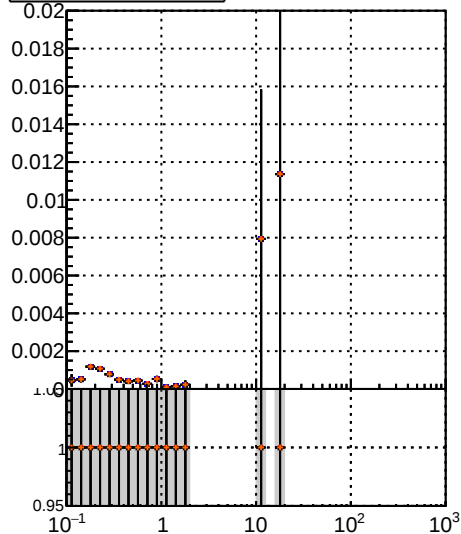
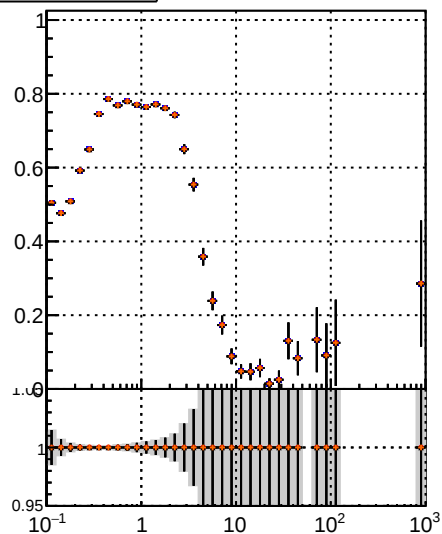
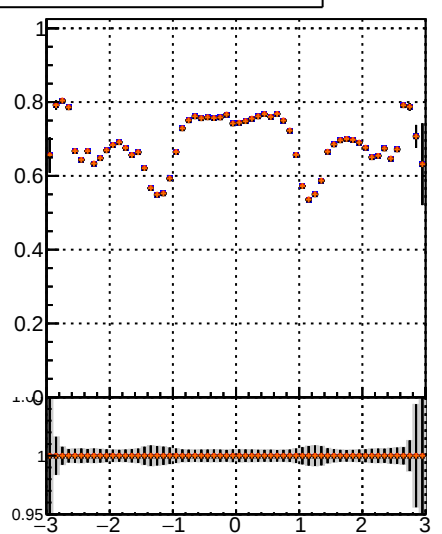
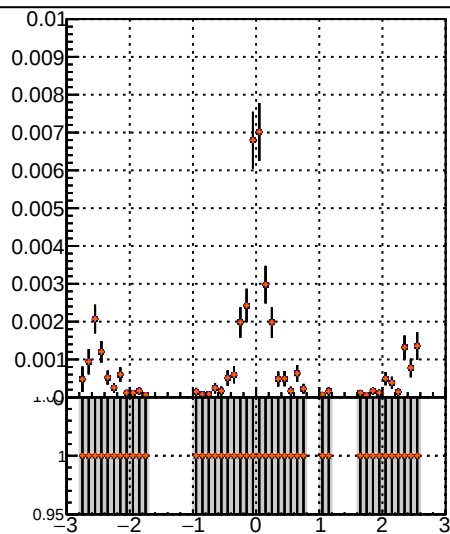
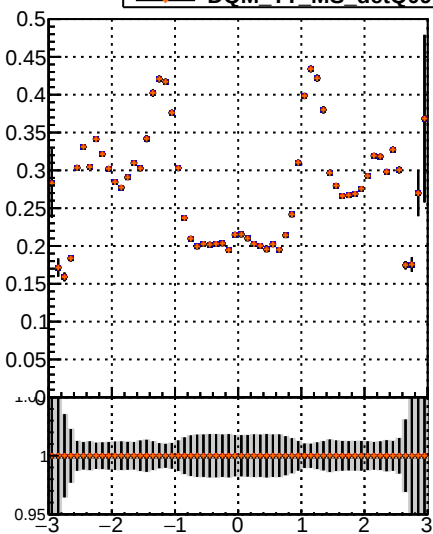
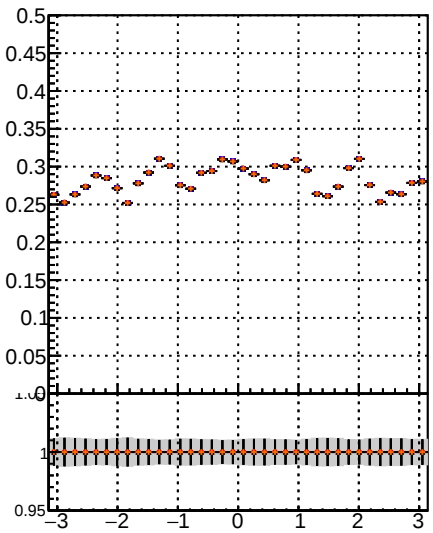
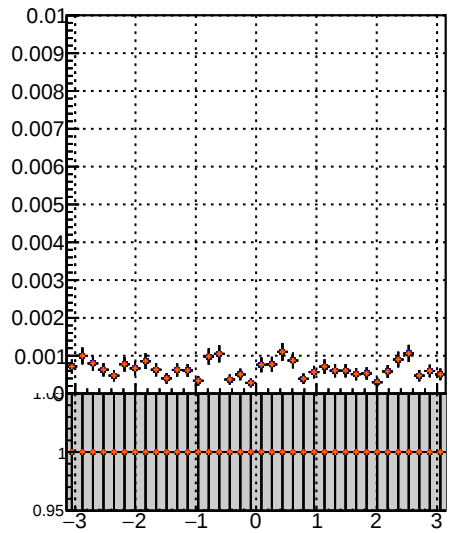


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for Fake rate vs p_T , Duplicates Rate vs p_T , and Pileup rate vs p_T :

- BQM TT MS det0 (blue line)
- BQM TT MS det01 (red line)
- BQM TT MS det09 (orange line)

Fake rate vs ϕ Duplicates Rate vs ϕ Pileup rate vs ϕ 