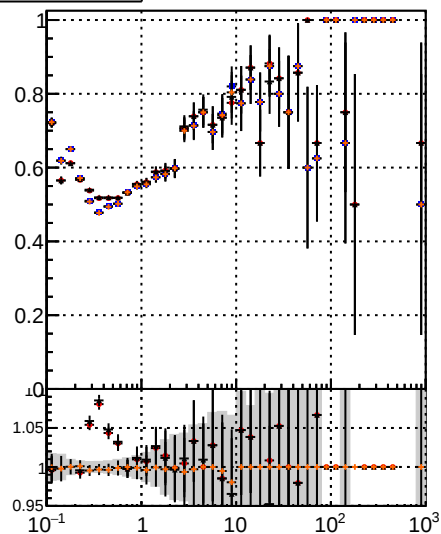
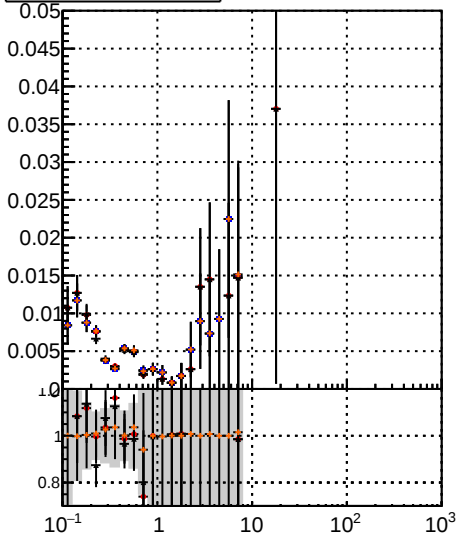
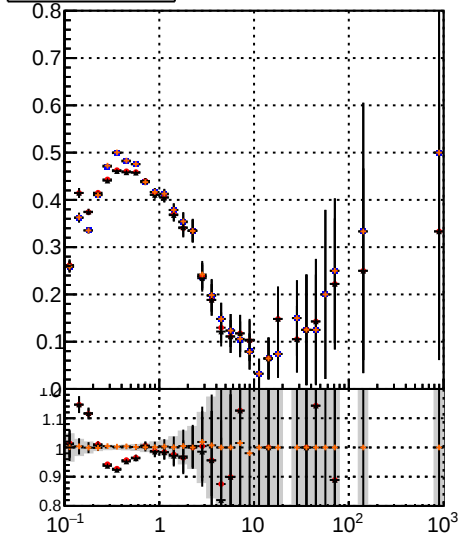
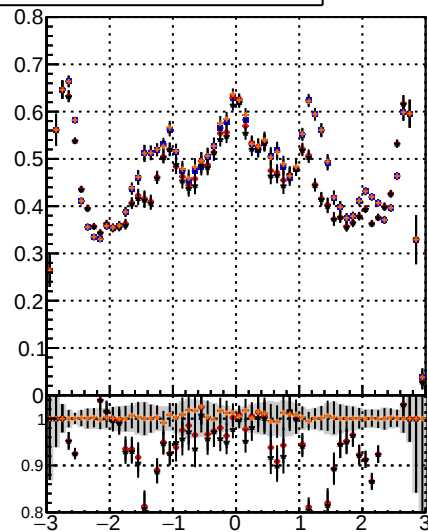
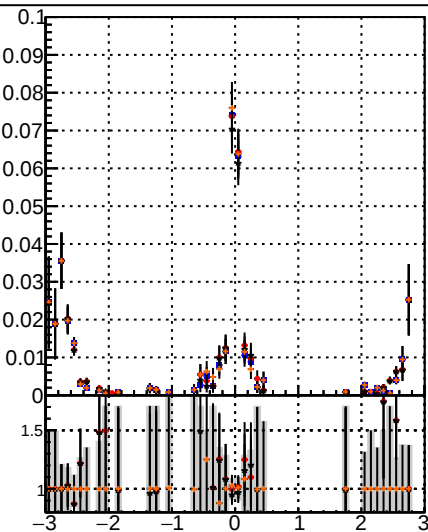
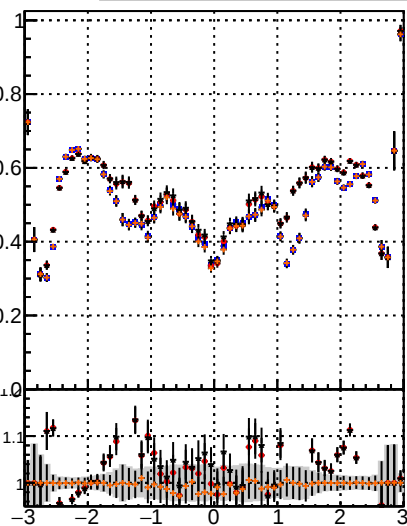
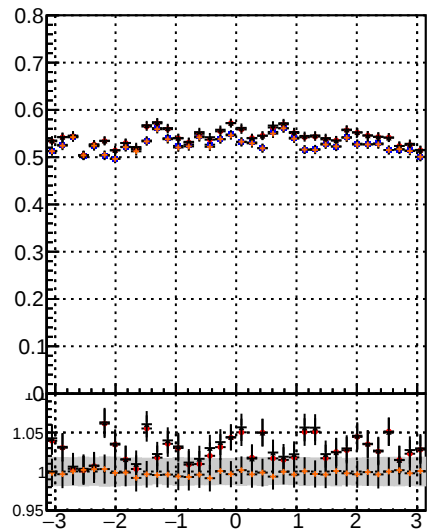
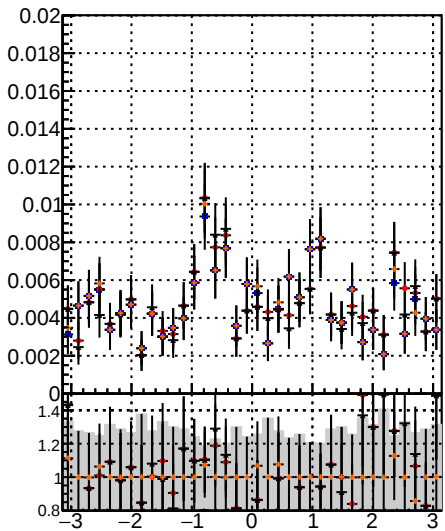


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

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

- BQM TT MS (blue)
- BQM TT MS det0 (red)
- BQM TT MS det0-ch2 (green)
- BQM TT MS det0-ch2 (orange)

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