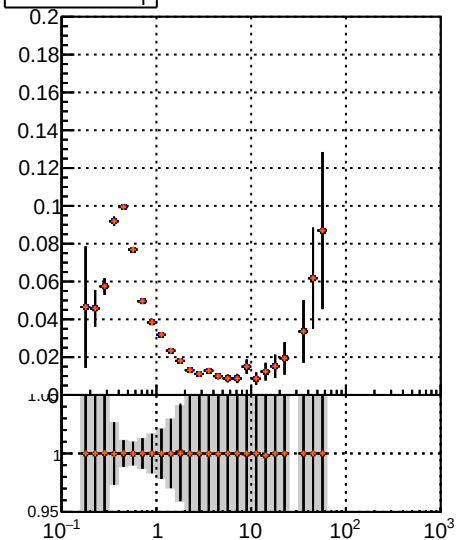
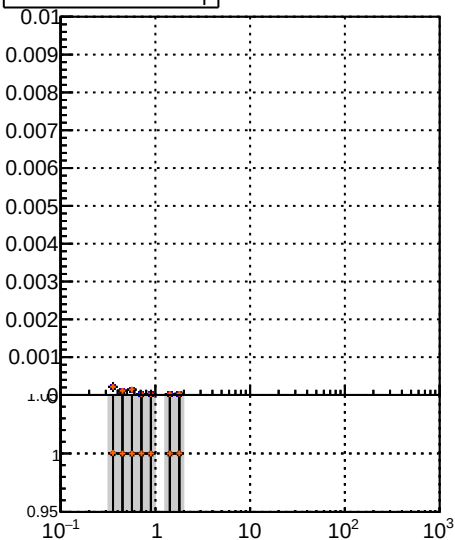
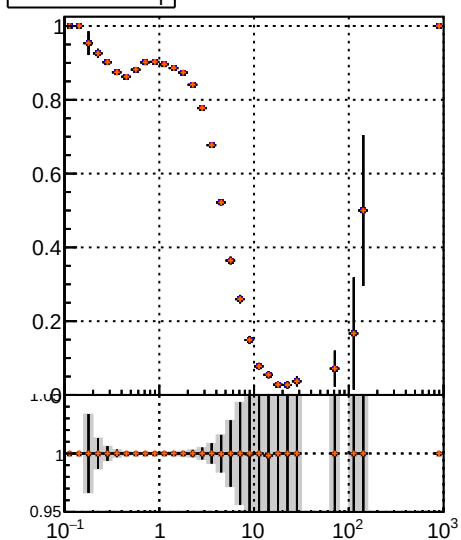
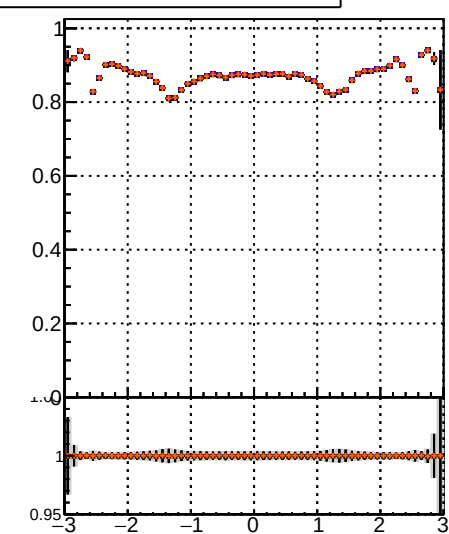
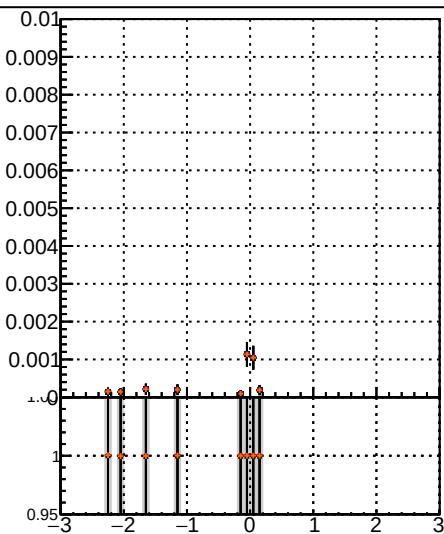
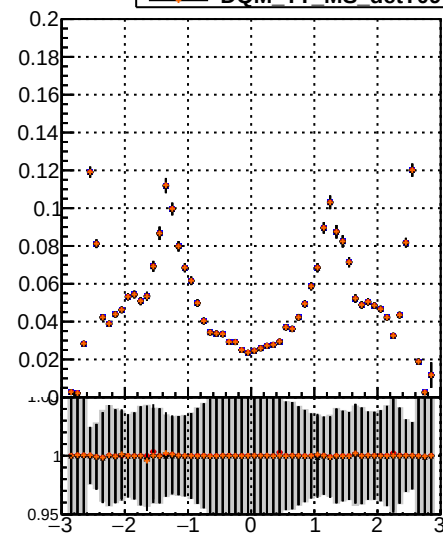
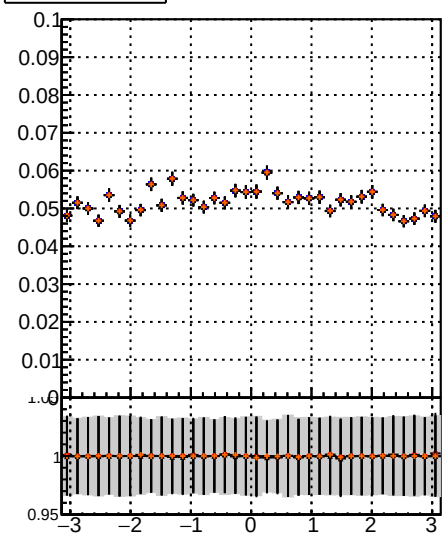
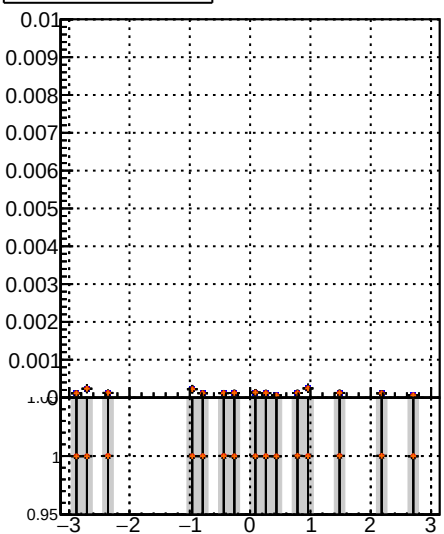


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

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

- tt MS detT (blue line)
- tt MS detT1 (red line)
- tt MS detT09 (orange line)

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