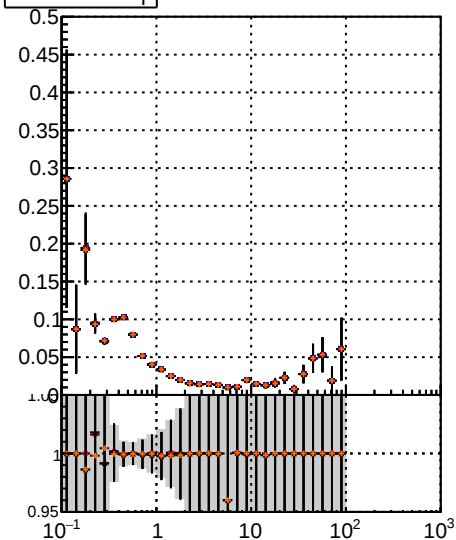
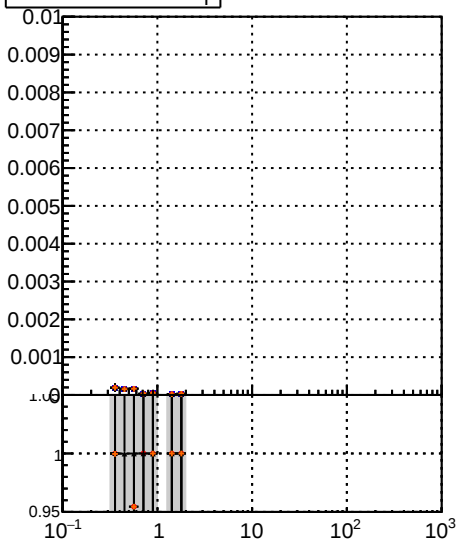
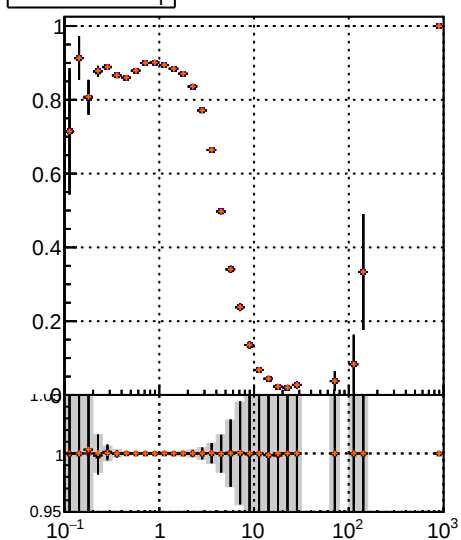
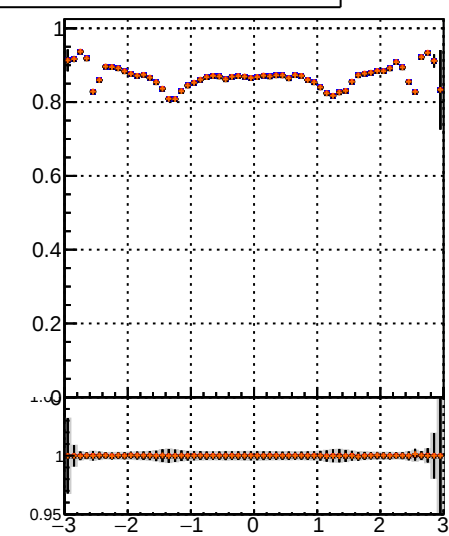
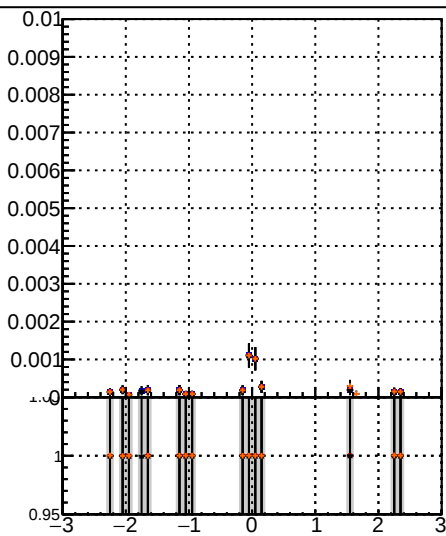
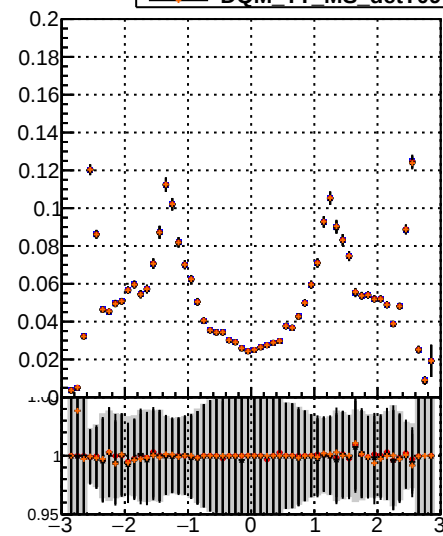
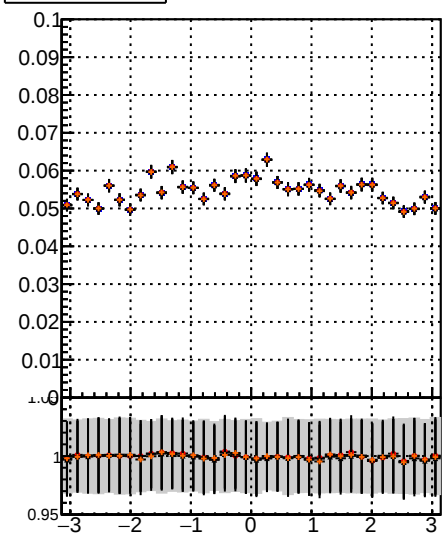
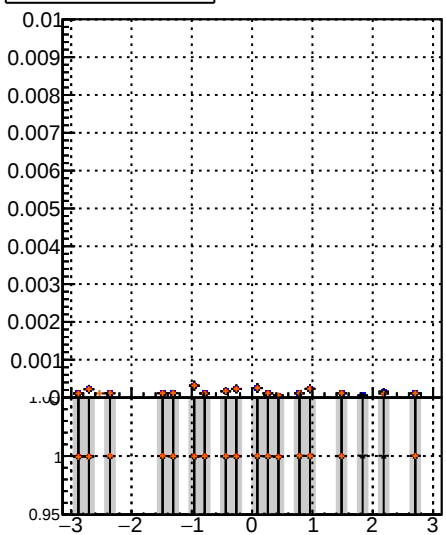


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

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

- $\square$ p_T MS detT
- $\square$ p_T MS detT1
- $\square$ p_T MS detT09

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