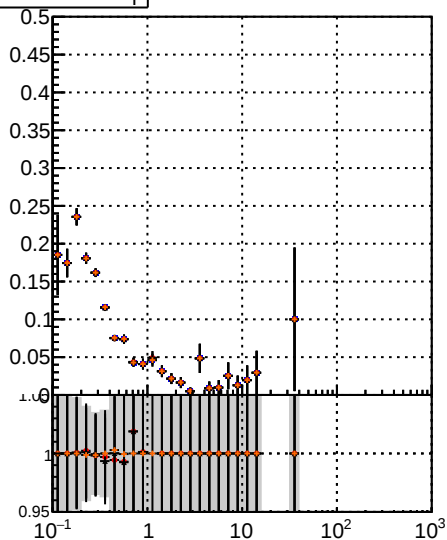
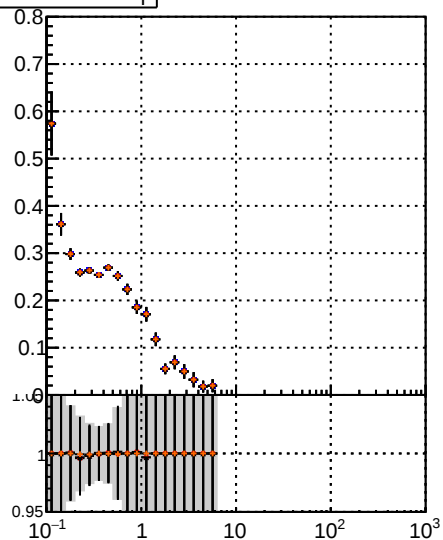
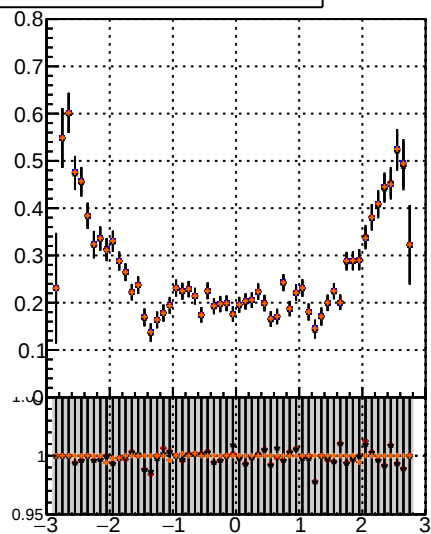
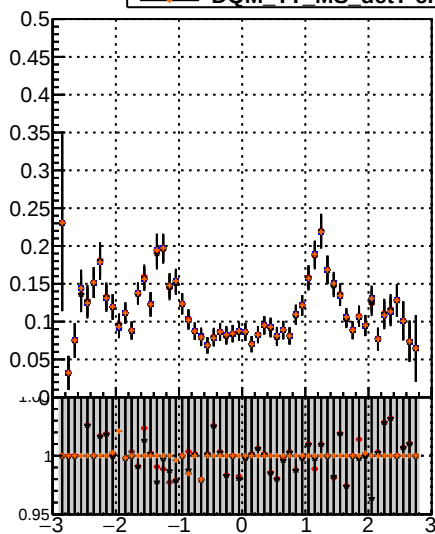
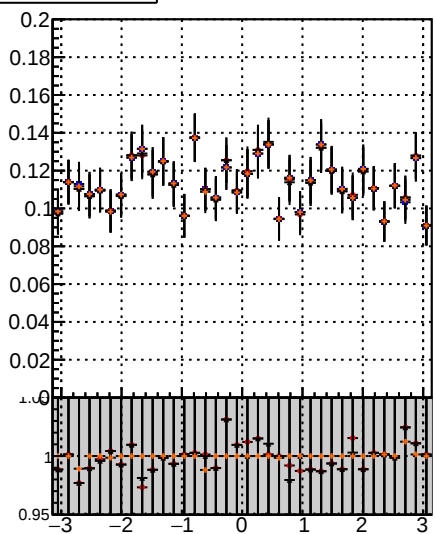


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

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

- $0.5 < \eta < 1.5$ (blue)
- $1.5 < \eta < 2.5$ (red)
- $2.5 < \eta < 3.5$ (black)

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