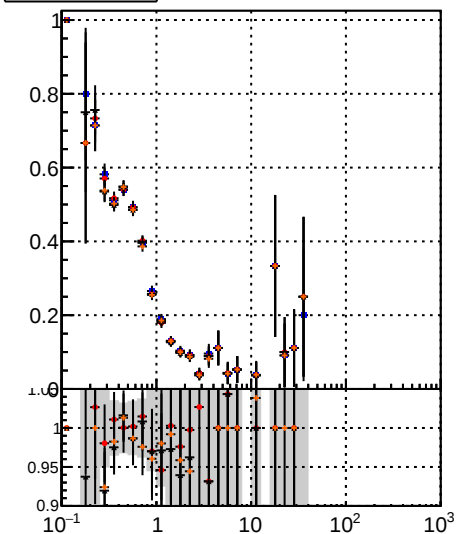
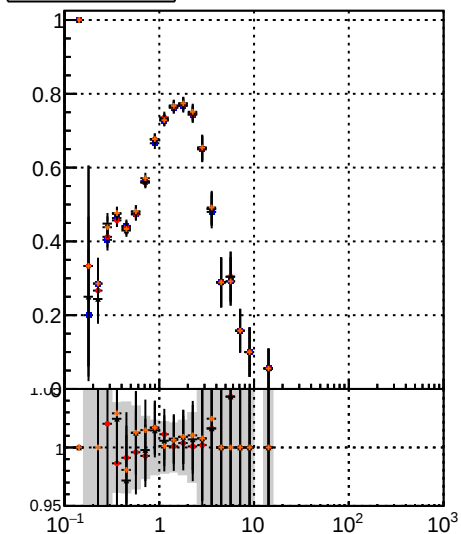
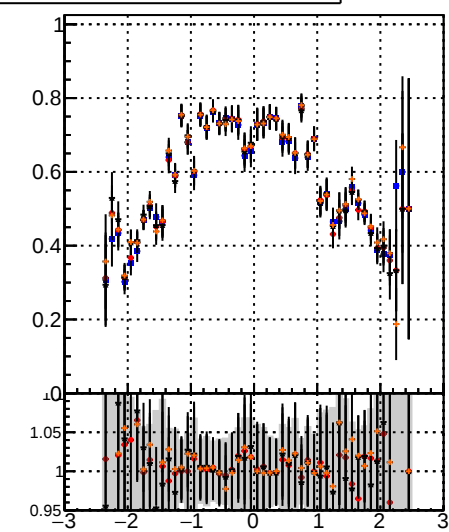
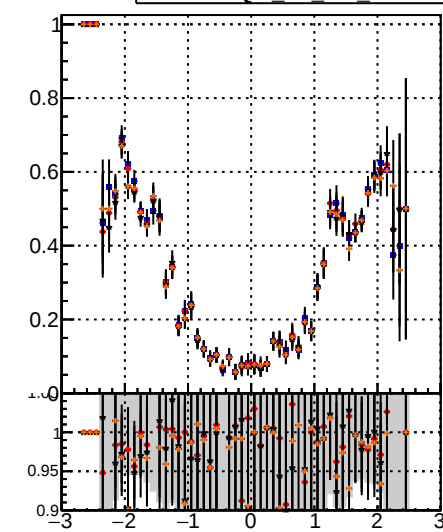
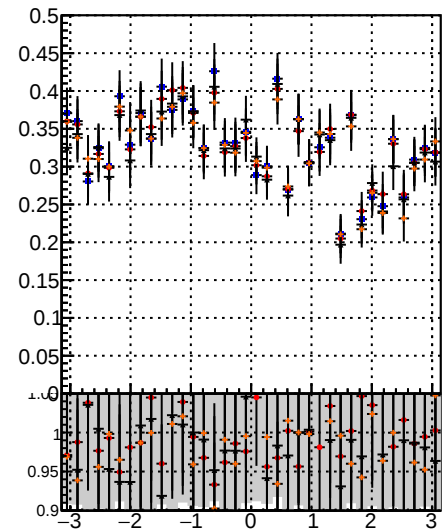


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

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

- $0.5 < \eta < 1.0$ (blue)
- $1.0 < \eta < 1.5$ (orange)
- $1.5 < \eta < 2.0$ (red)

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