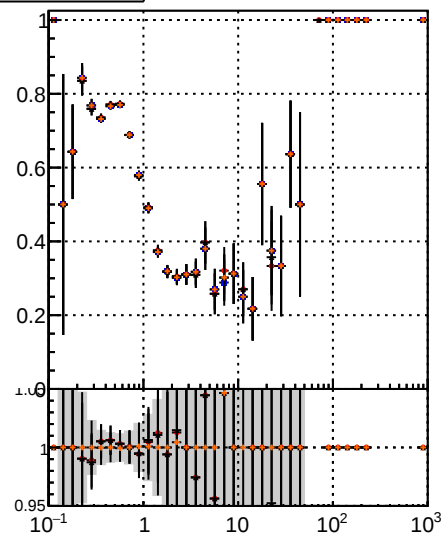
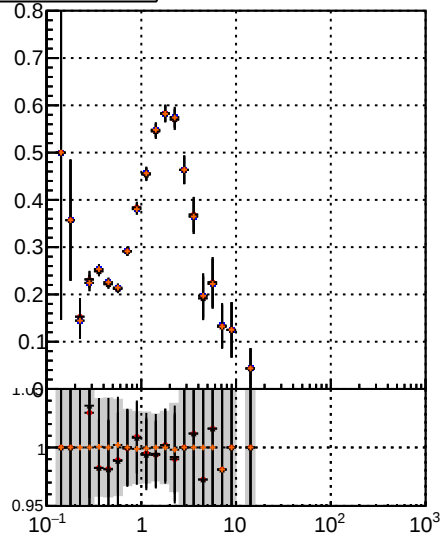
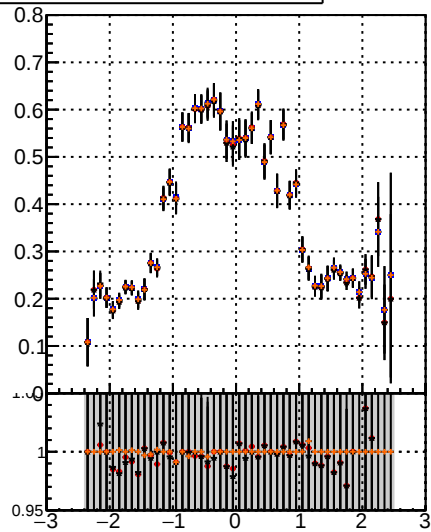
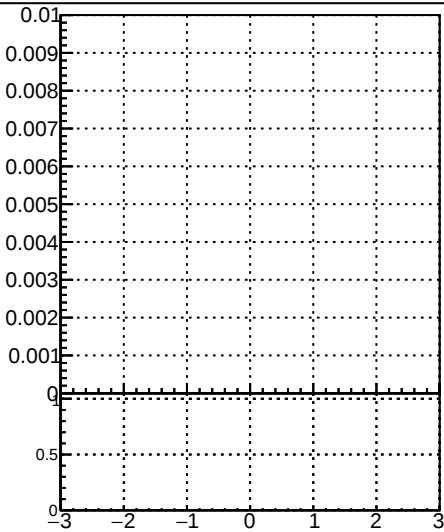
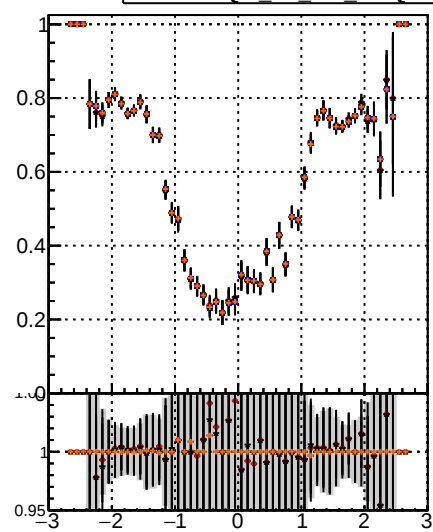
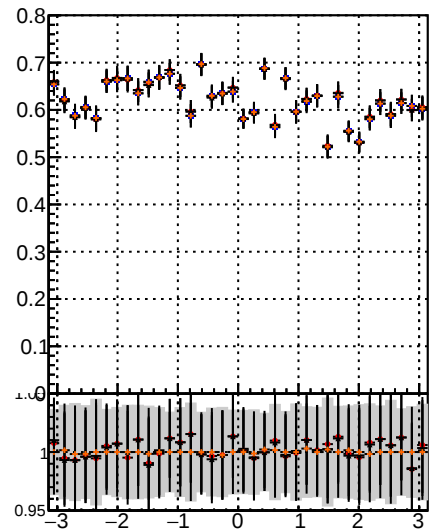
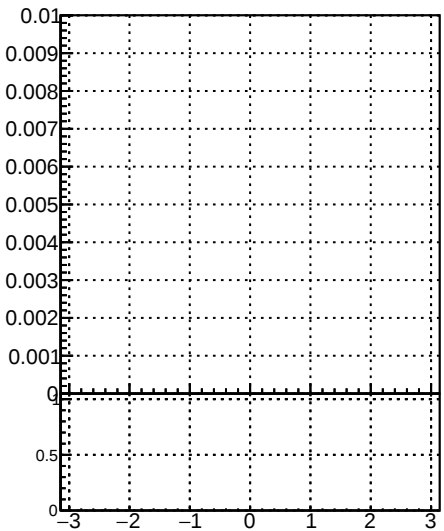


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

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

- MS_{det0} (blue)
- MS_{det1} (red)
- MS_{det2} (green)
- MS_{det3} (black)

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