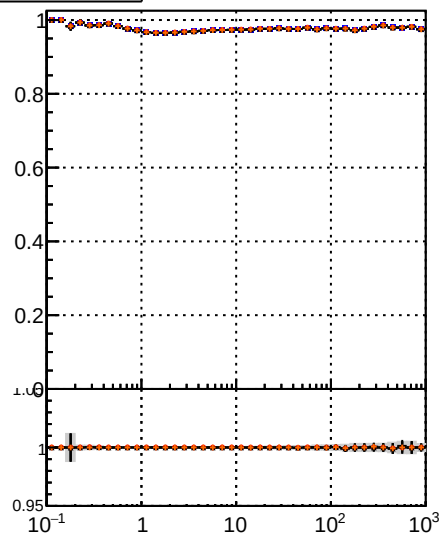
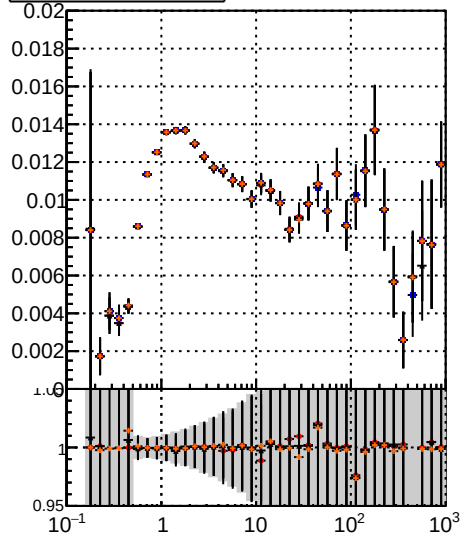
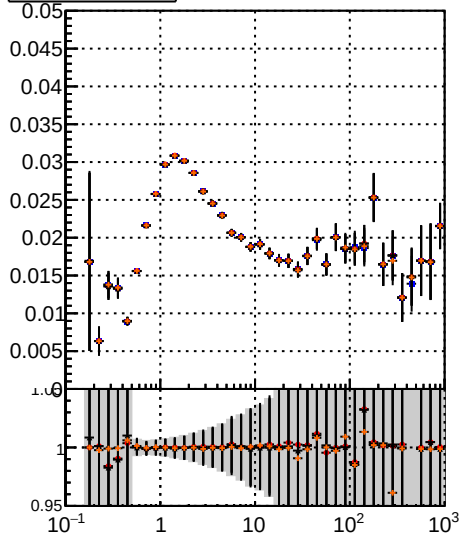
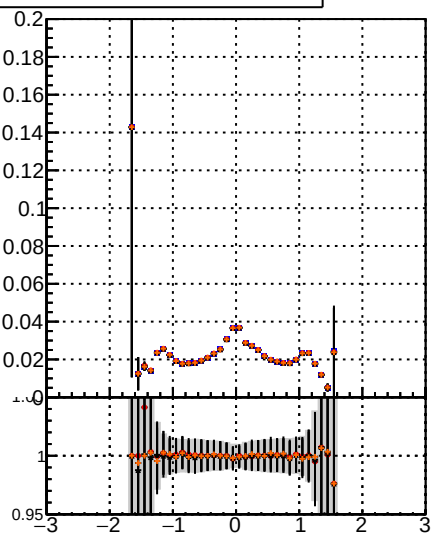
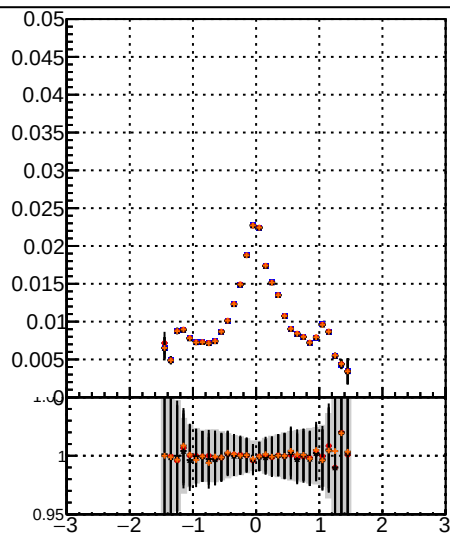
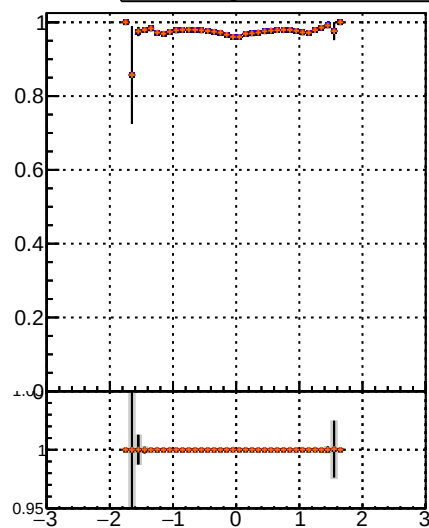
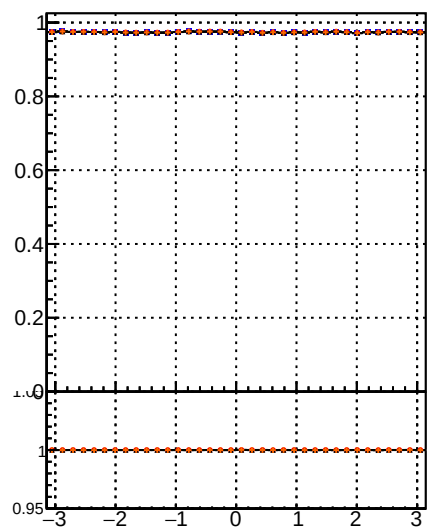
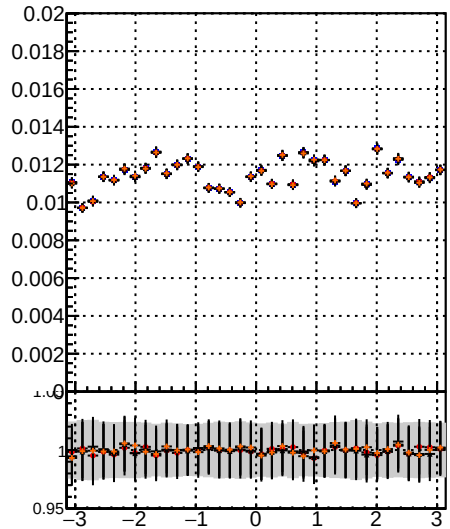


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for the plots:

- $\text{BQM} \text{ TT MS detT}$ (blue line with circles)
- $\text{BQM} \text{ TT MS detT1}$ (red line with circles)
- $\text{BQM} \text{ TT MS detT09}$ (black line with circles)

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