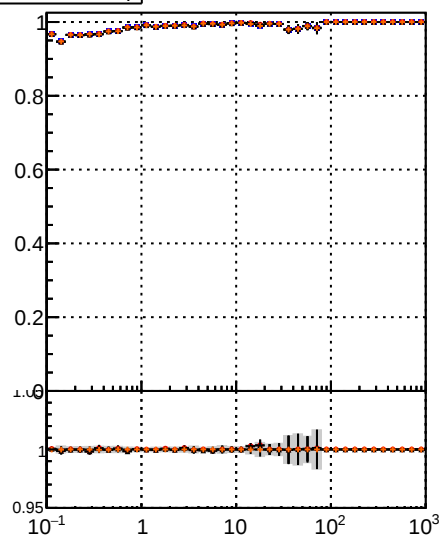
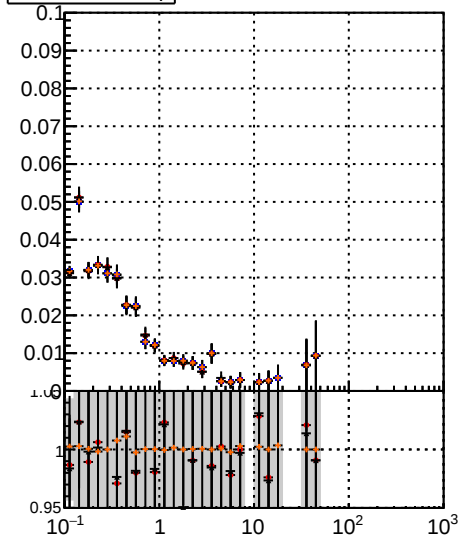
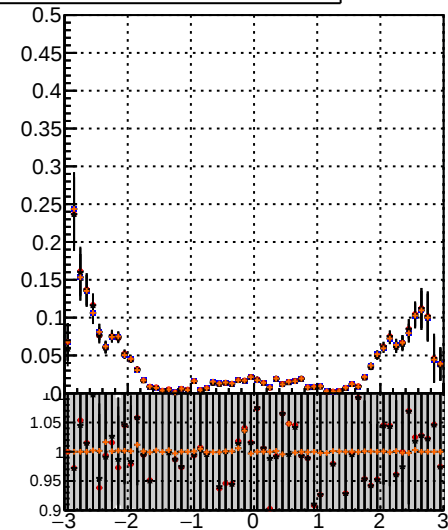
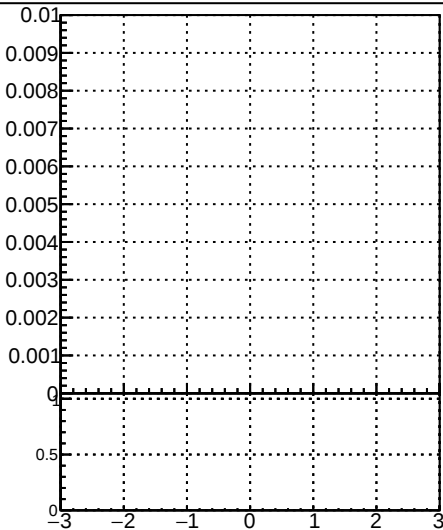
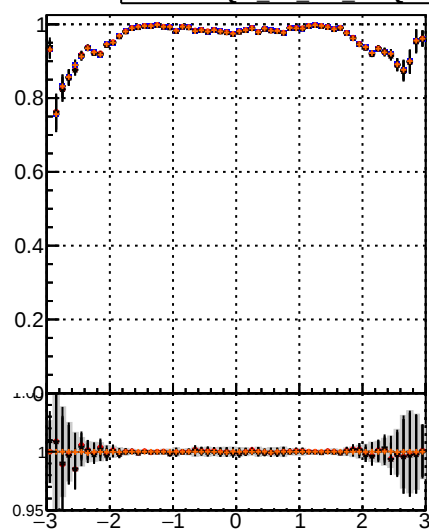
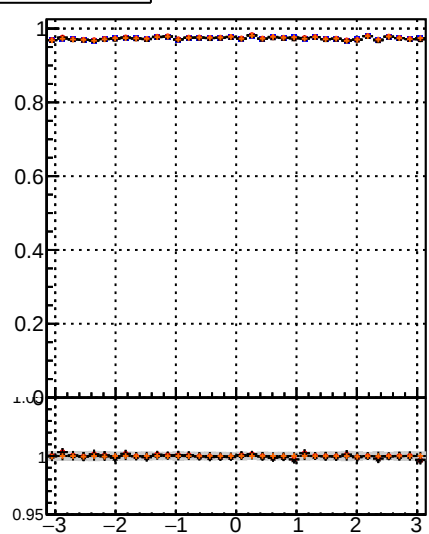


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for all plots:

- $\text{BQM TT MS det0-dpda}$ (blue line with circles)
- $\text{BQM TT MS det0-chiz}$ (red line with circles)
- $\text{BQM TT MS det0-chiz}$ (black line with circles)

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