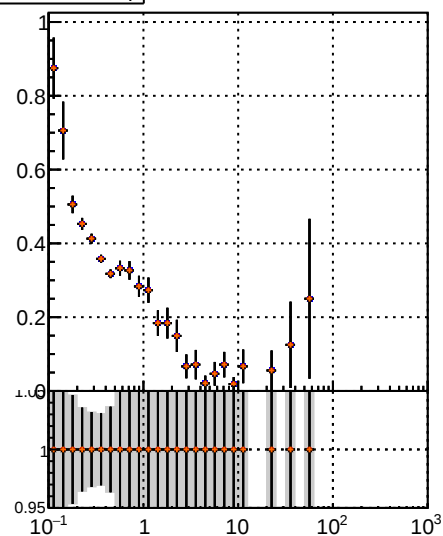
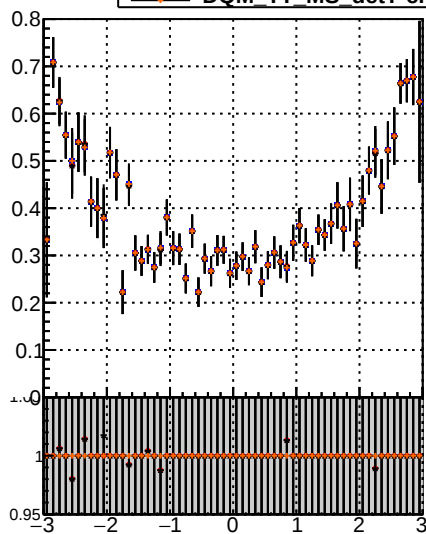
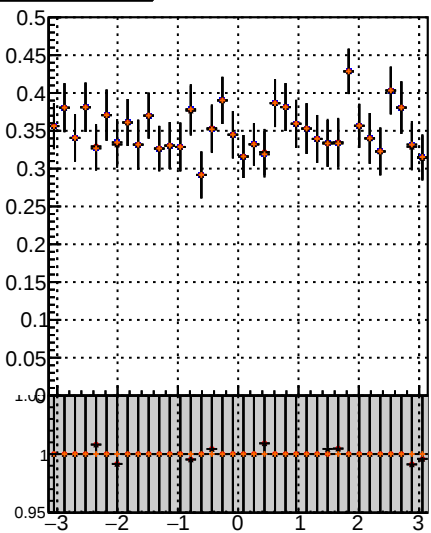


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for the Fake rate vs p_T plot:

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

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