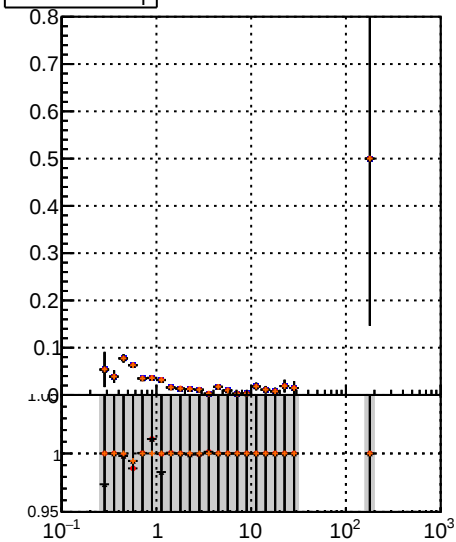
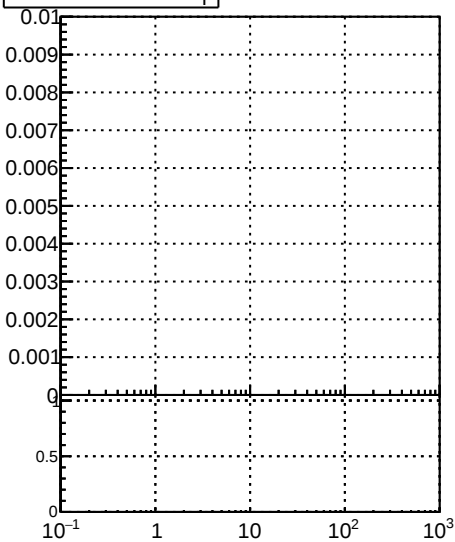
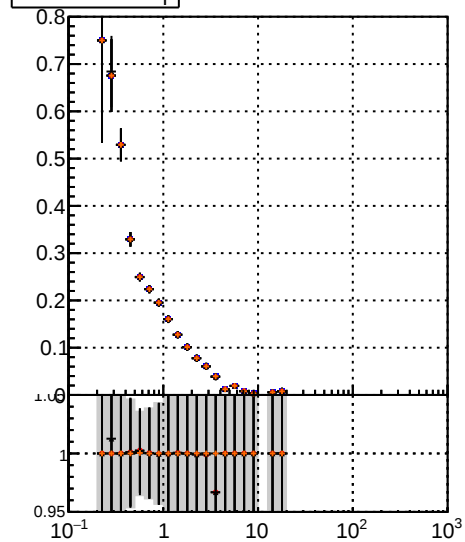
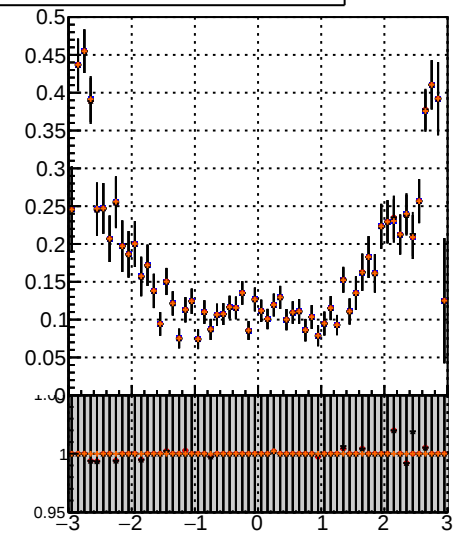
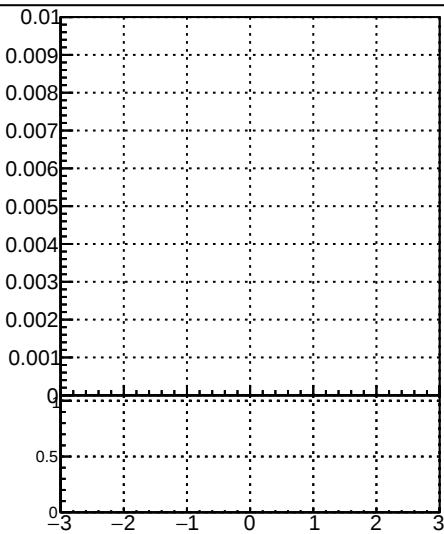
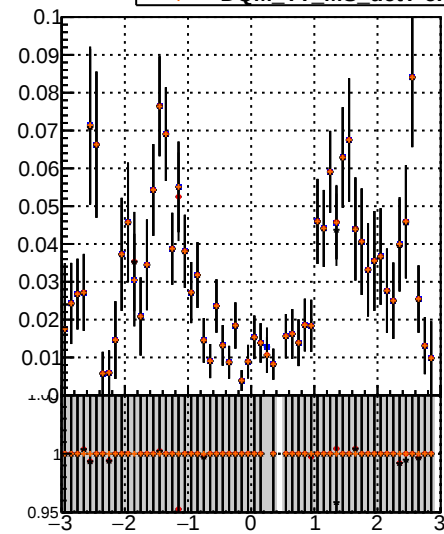
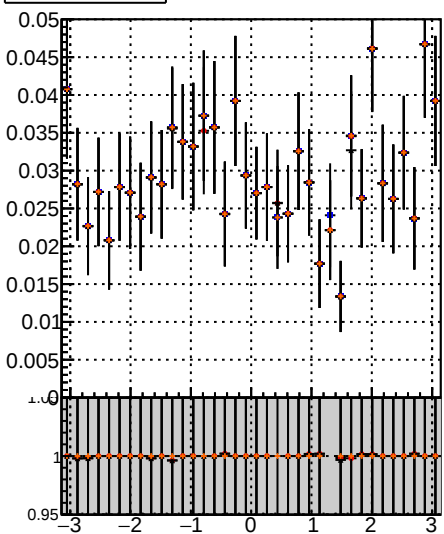


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for the top row of plots:

- MS_{detT} (blue line with dots)
- $MS_{detT-dpdpq}$ (red line with dots)
- $MS_{detT-chi2}$ (black line with dots)
- MS_{detT} (black line with dots)
- $MS_{detT-dpdpq}$ (red line with dots)
- $MS_{detT-chi2}$ (black line with dots)

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