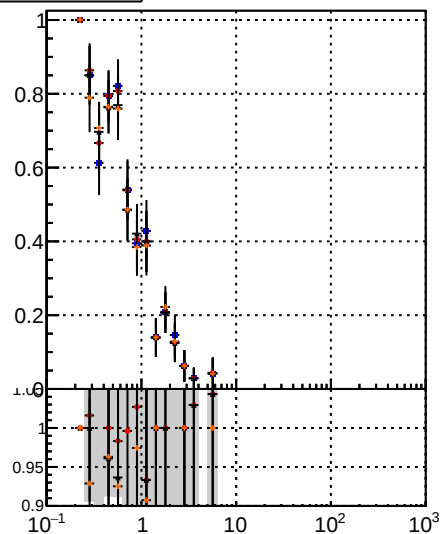
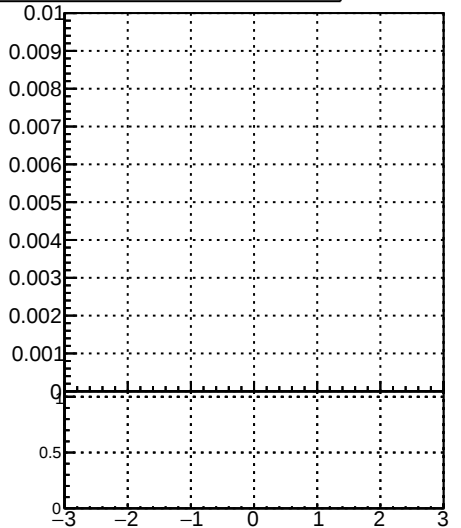
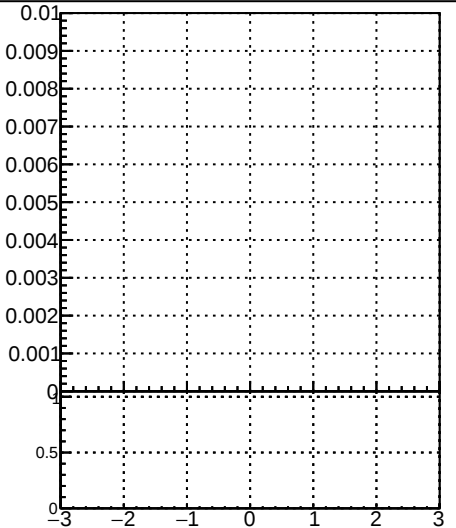
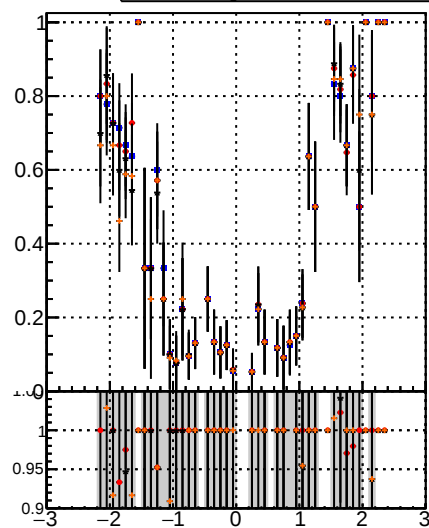
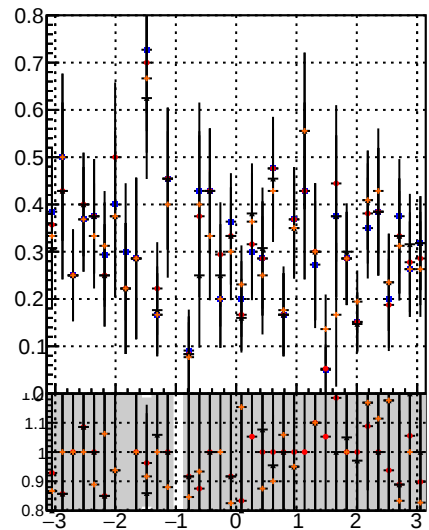
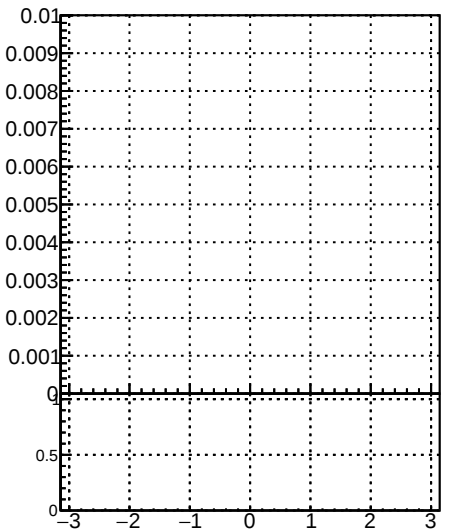


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for Fake rate vs p_T :

- BQM TT MS detT (blue line with circles)
- BQM TT MS detT1 (red line with circles)
- BQM TT MS detT09 (orange line with circles)

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