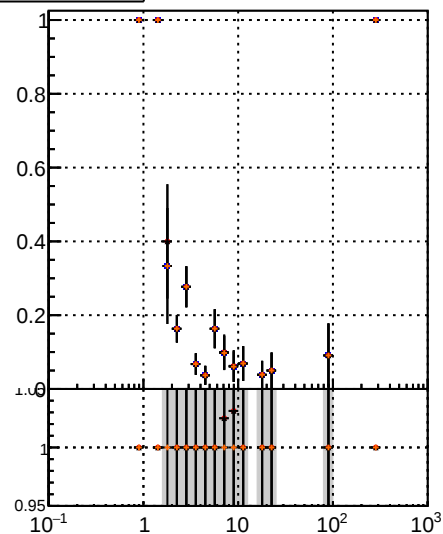
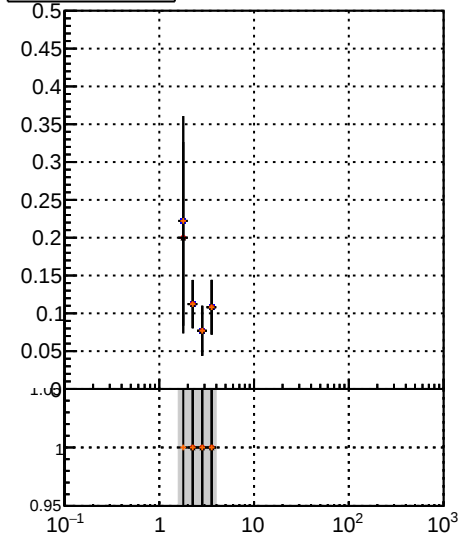
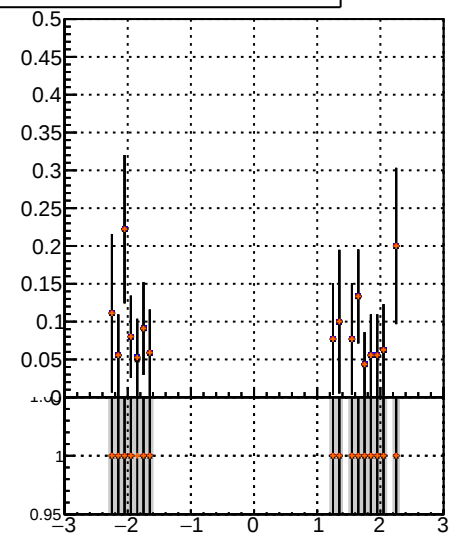
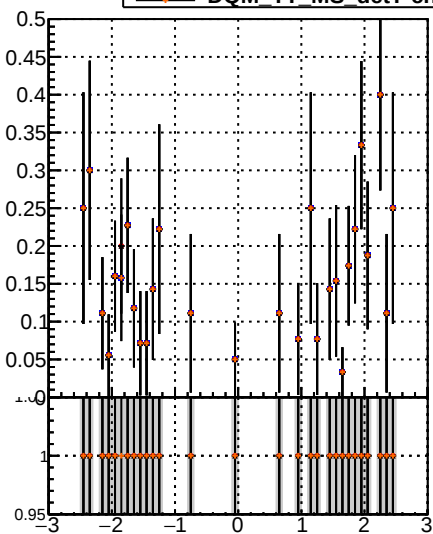
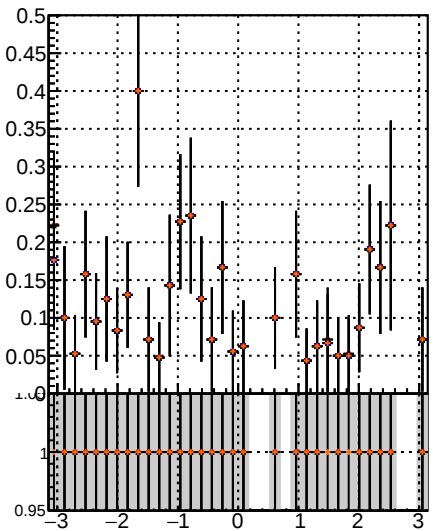


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for the Fake rate vs p_T plot:

- BQM TT MS detT
- $\text{BQM TT MS detT-dpdq}$
- $\text{BQM TT MS detT-chi2}$

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