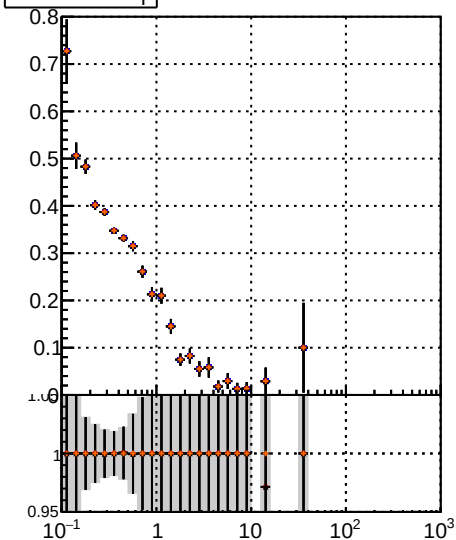
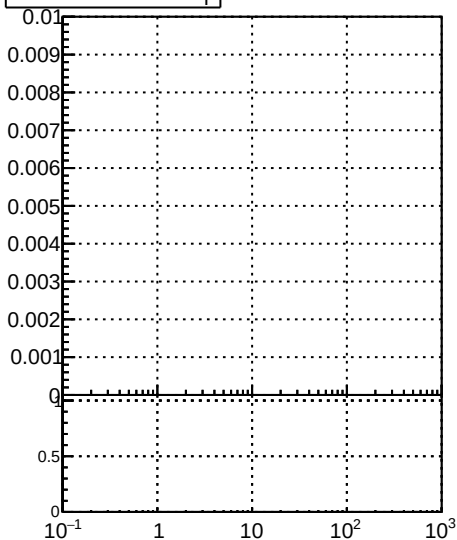
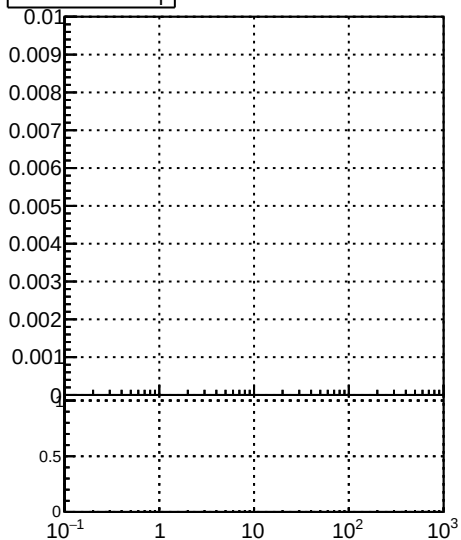
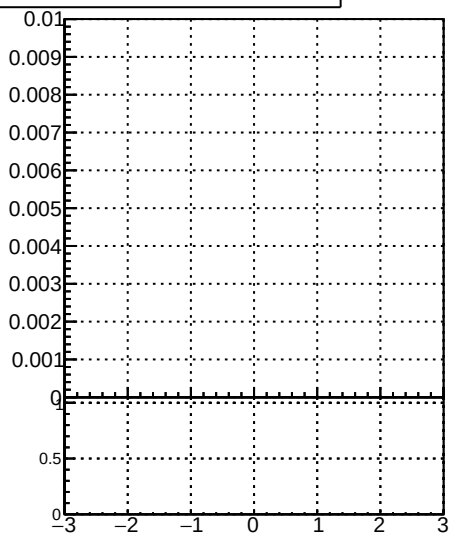
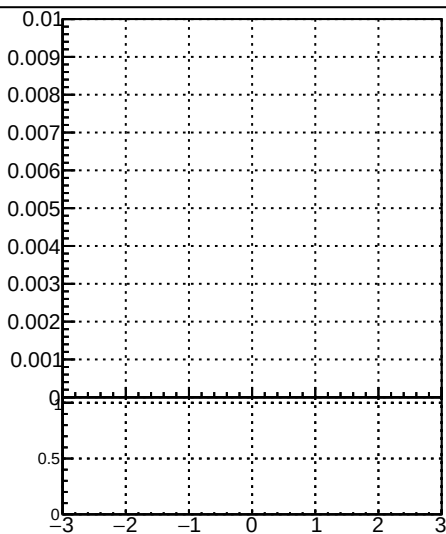
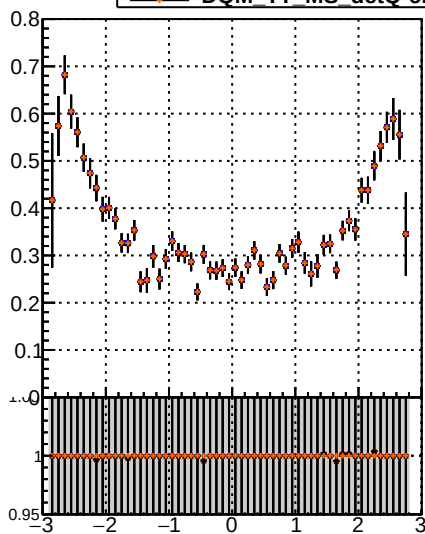
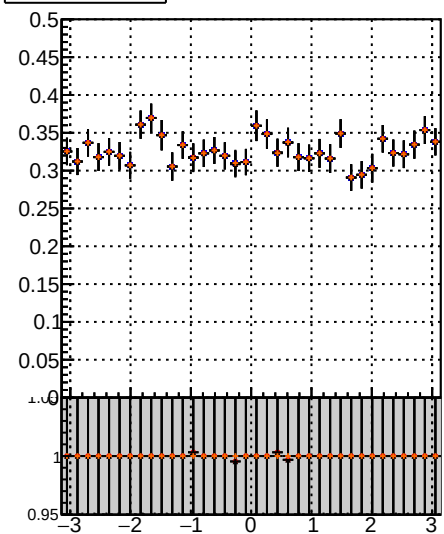
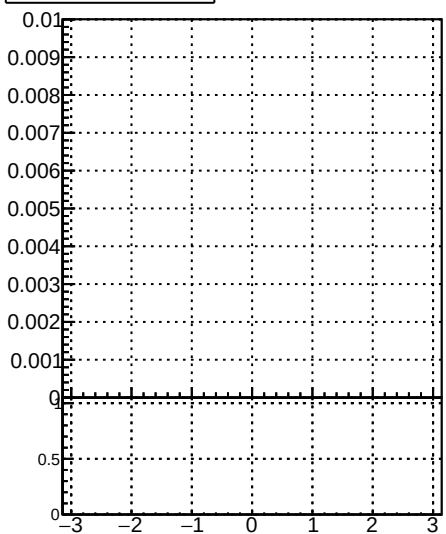


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for the Fake rate vs p_T plot:

- $\text{BQM TT MS det0-dpdq}$ (Blue line with dots)
- $\text{BQM TT MS det0-chiz}$ (Red line with dots)
- $\text{BQM TT MS det0-chiz}$ (Black line with dots)

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