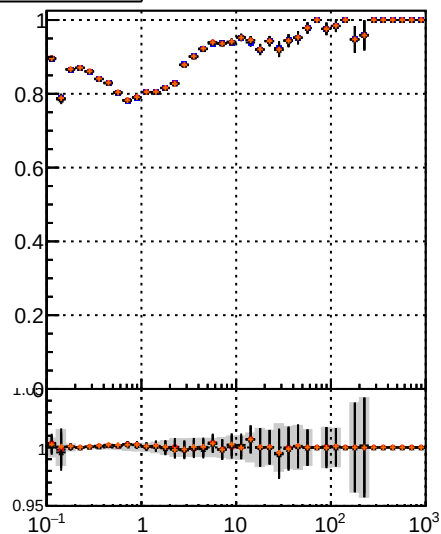
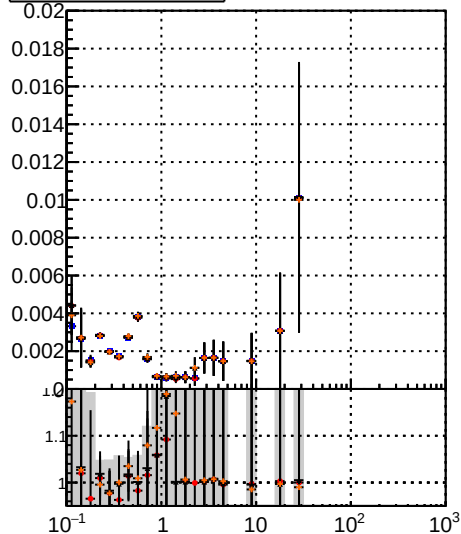
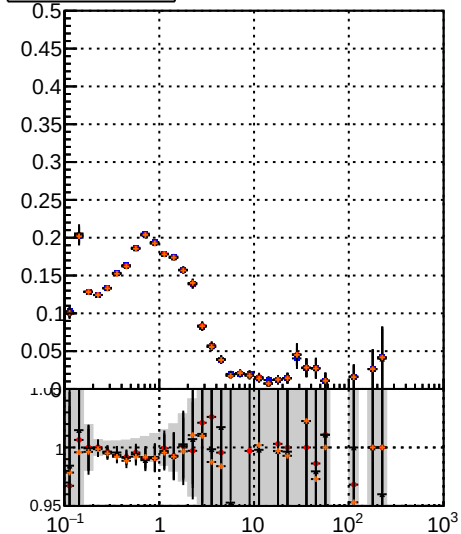
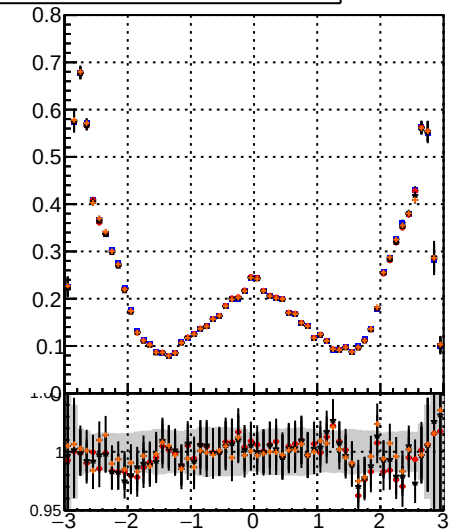
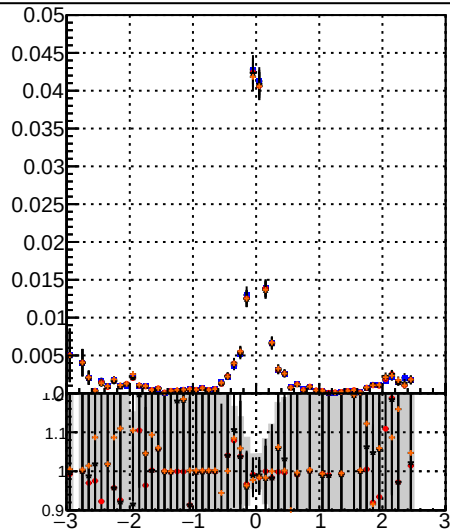
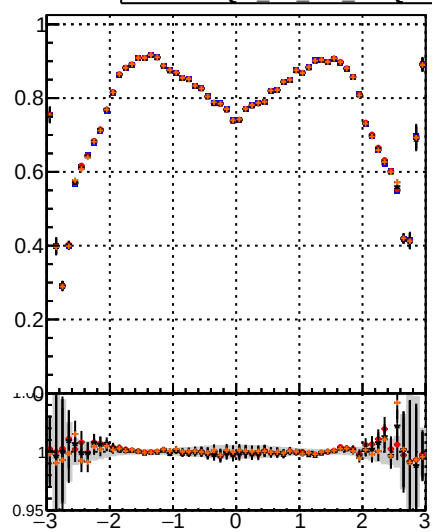
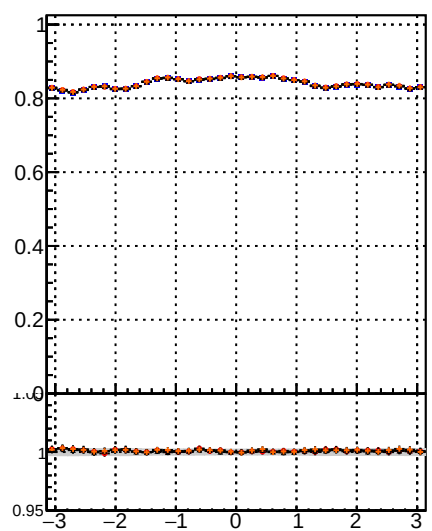
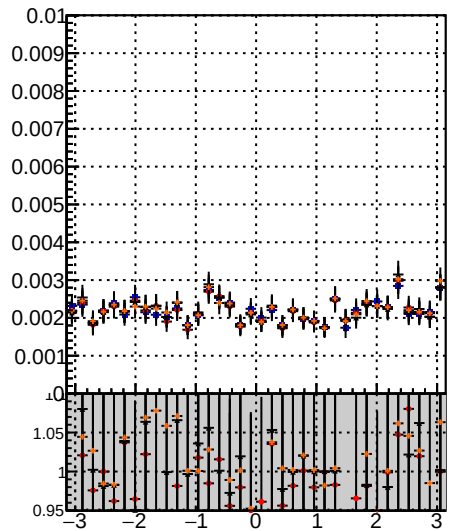


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for the plots:

- $\text{BQM} \text{ TT} \text{ MS} \text{ detQ0}$
- $\text{BQM} \text{ TT} \text{ MS} \text{ detQ1}$
- $\text{BQM} \text{ TT} \text{ MS} \text{ detQ09}$

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