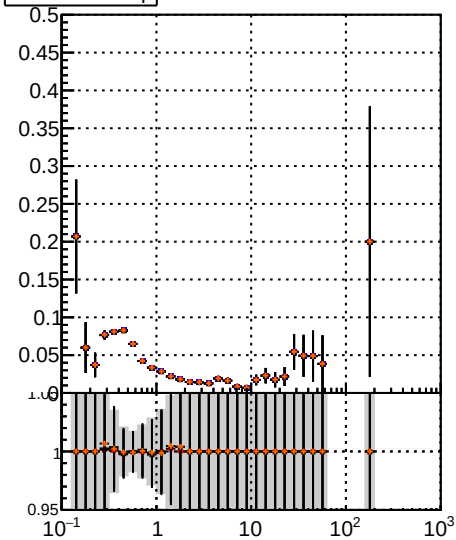
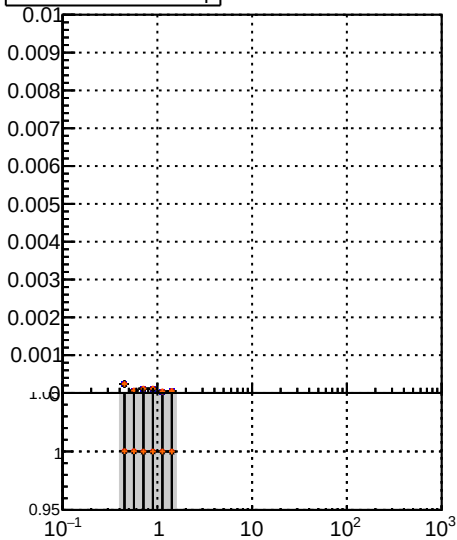
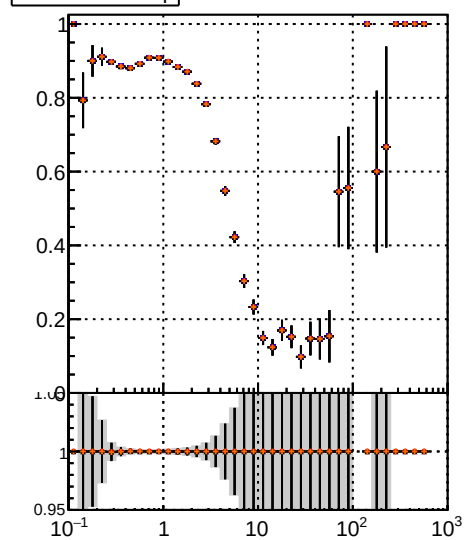
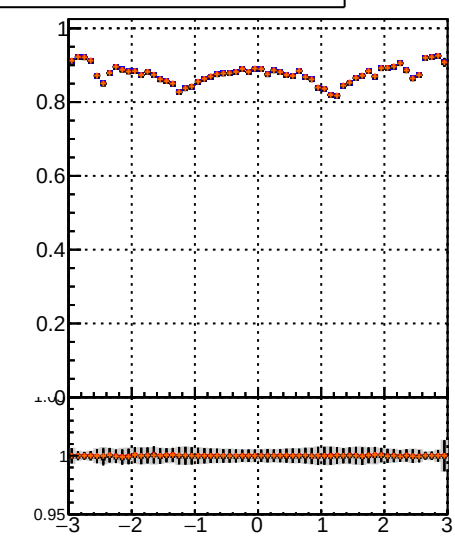
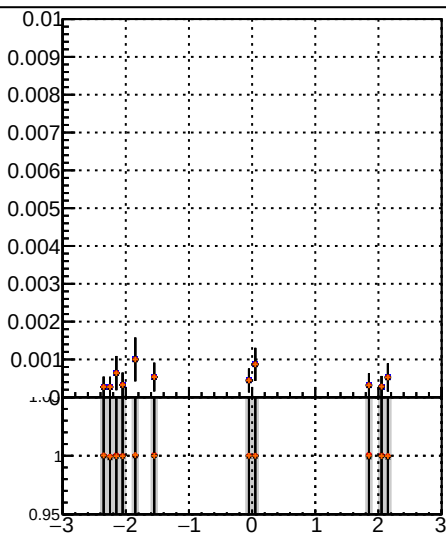
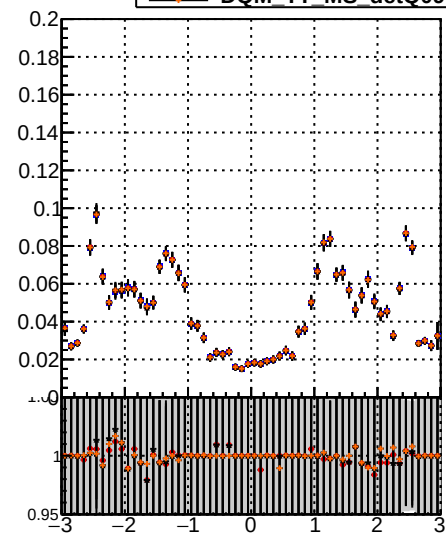
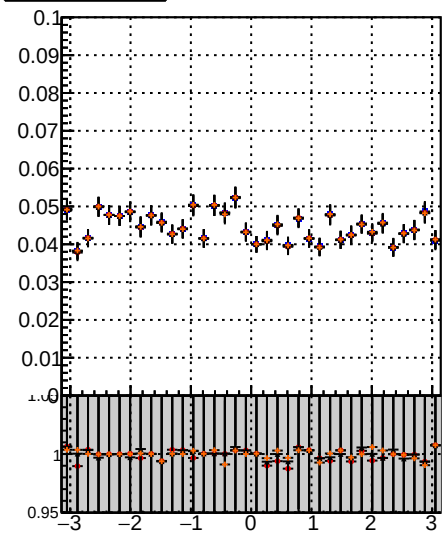
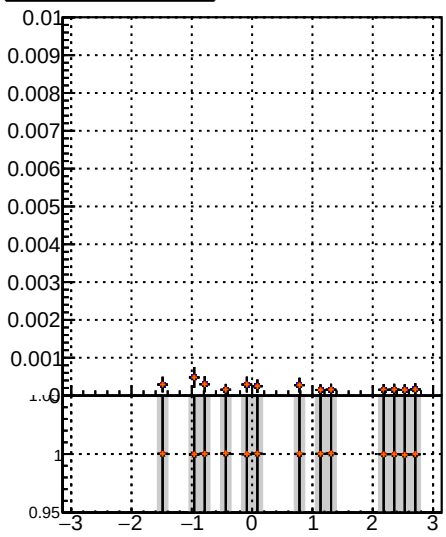


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

$\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS}$ det0
 $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS}$ det01
 $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS}$ det09

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