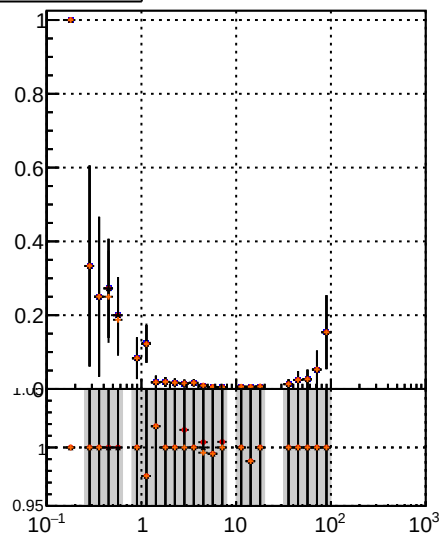
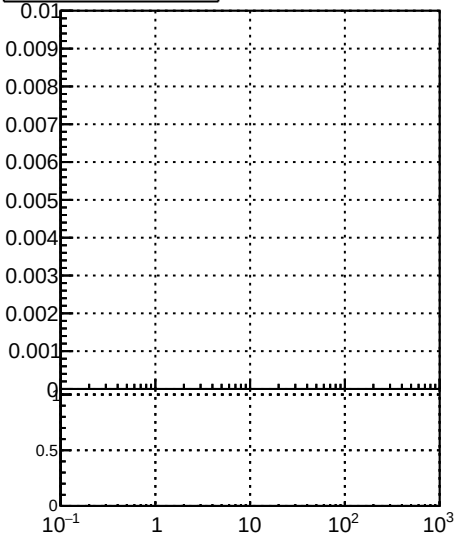
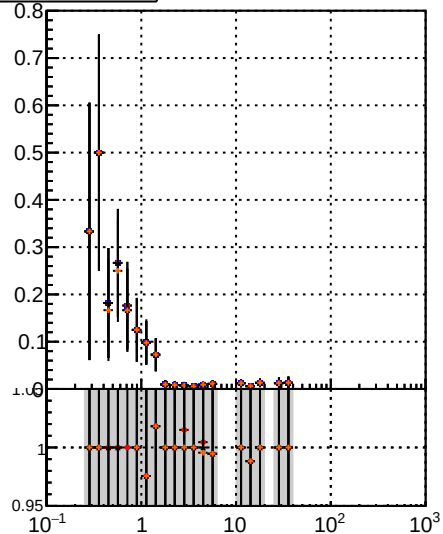
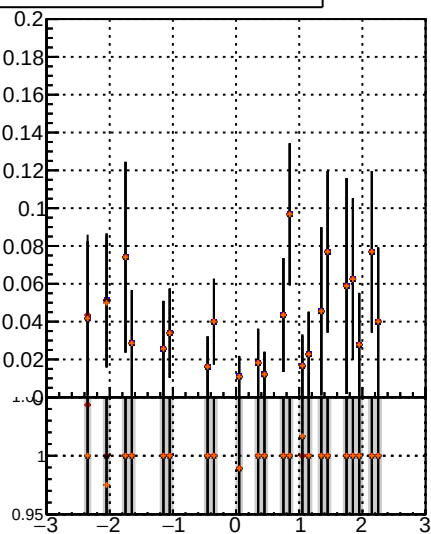
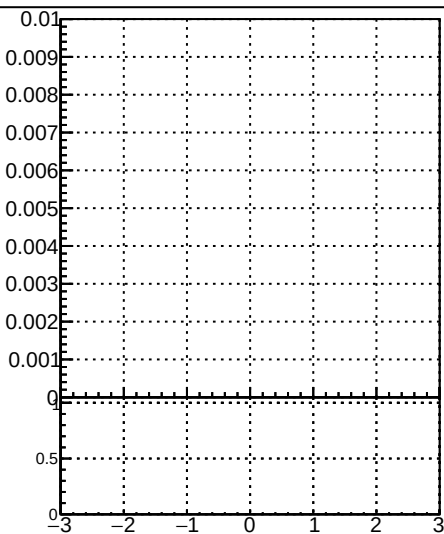
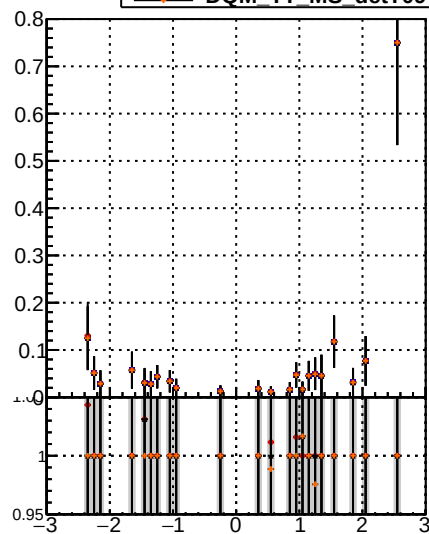
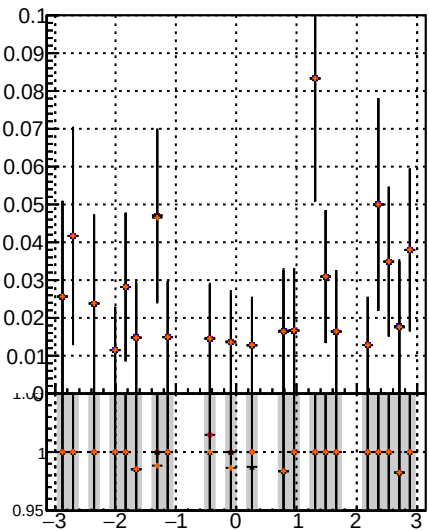
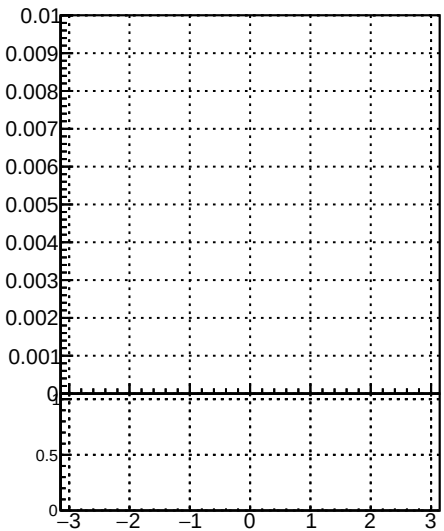


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

$\text{BQM} \rightarrow \text{TT}$ $\text{MS} \rightarrow \text{TT}$ detT
 $\text{BQM} \rightarrow \text{TT}$ $\text{MS} \rightarrow \text{TT}$ detT1
 $\text{BQM} \rightarrow \text{TT}$ $\text{MS} \rightarrow \text{TT}$ detT09

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