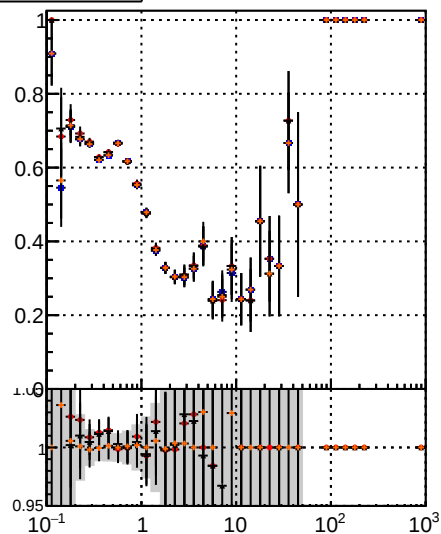
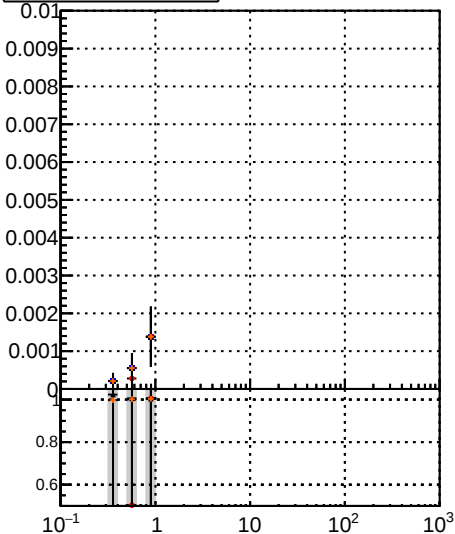
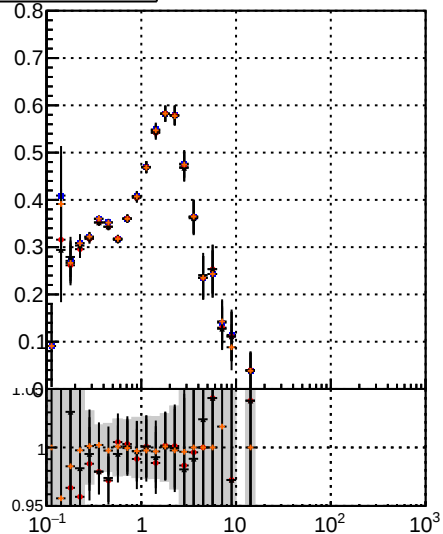
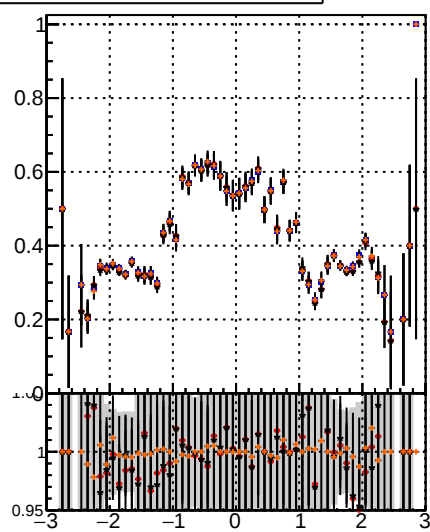
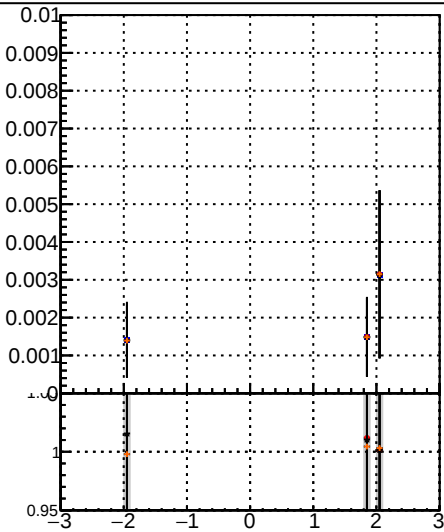
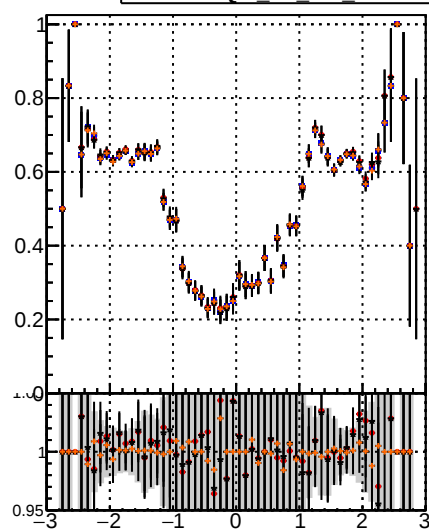
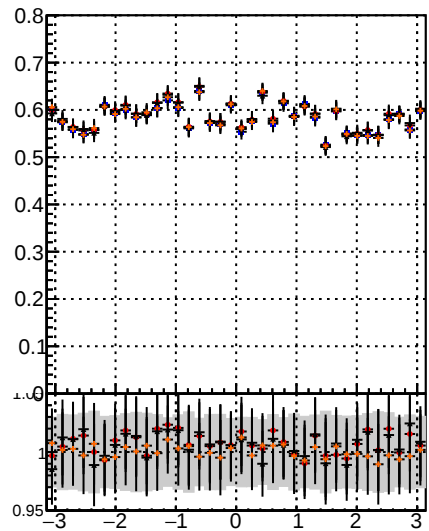
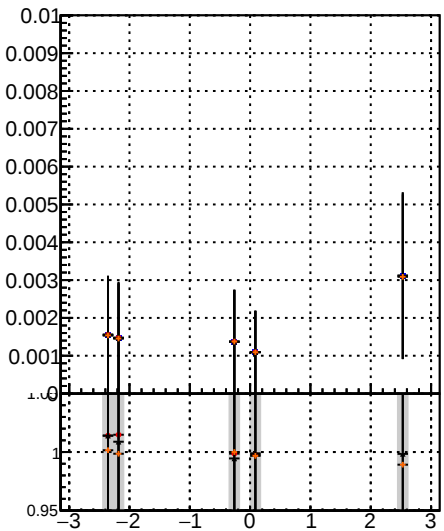


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

$BQM \rightarrow TT$ $MS \rightarrow detT$
 $BQM \rightarrow TT$ $MS \rightarrow detT$
 $BQM \rightarrow TT$ $MS \rightarrow detT$

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