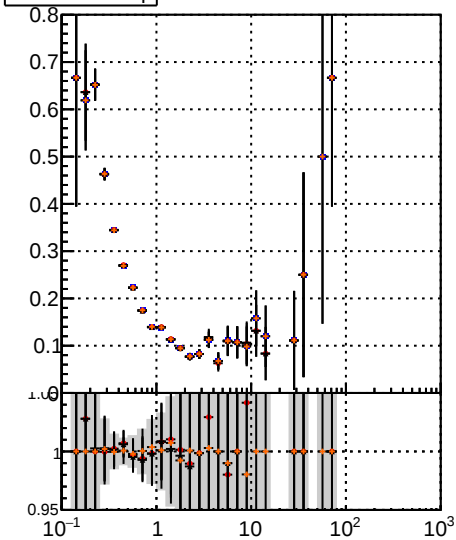
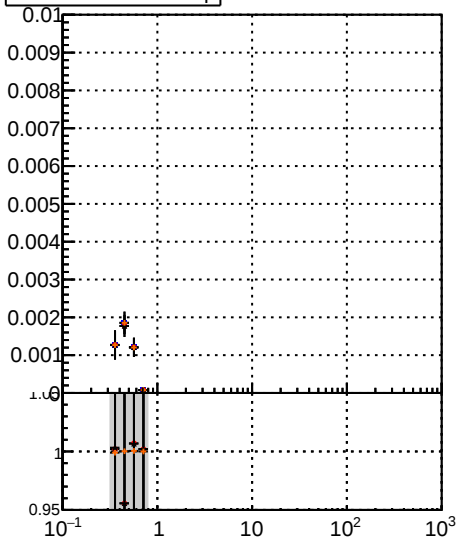
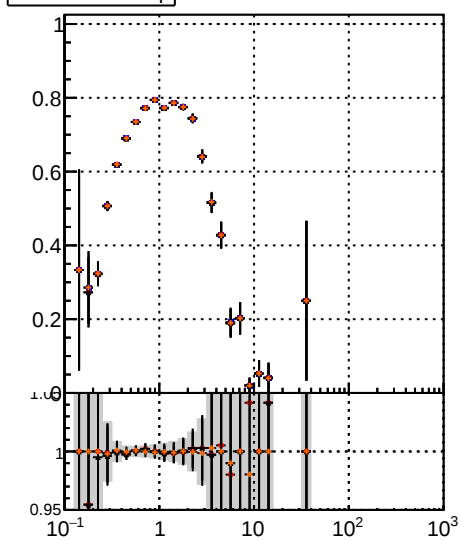
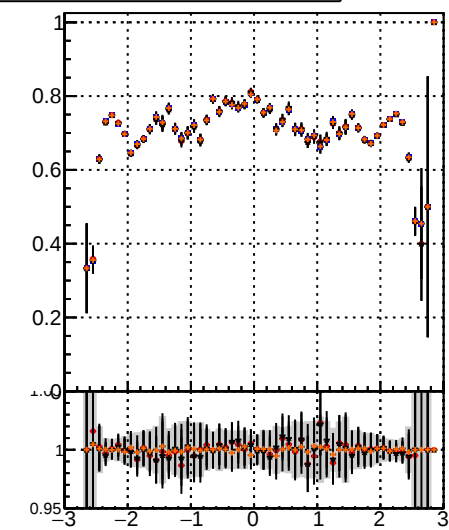
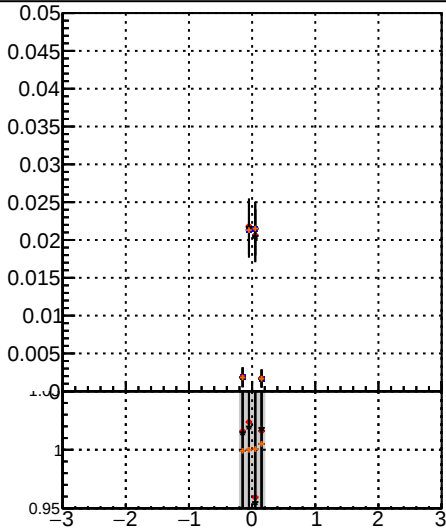
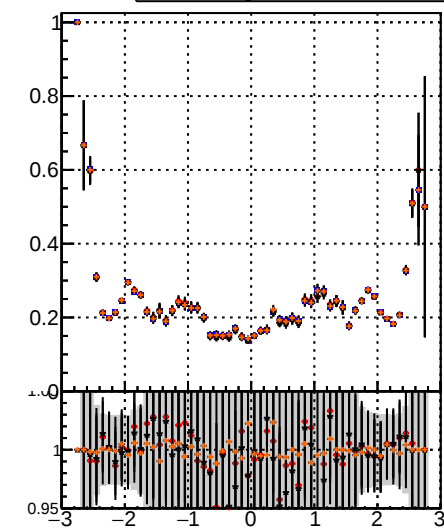
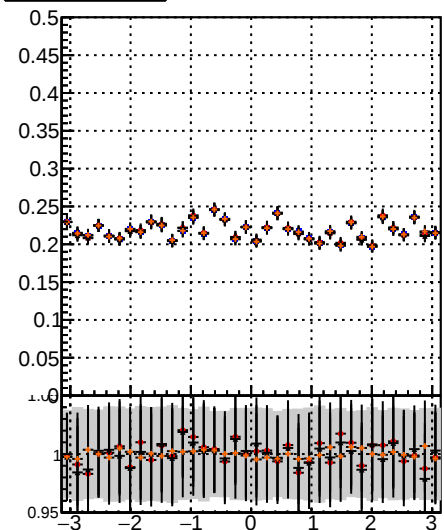
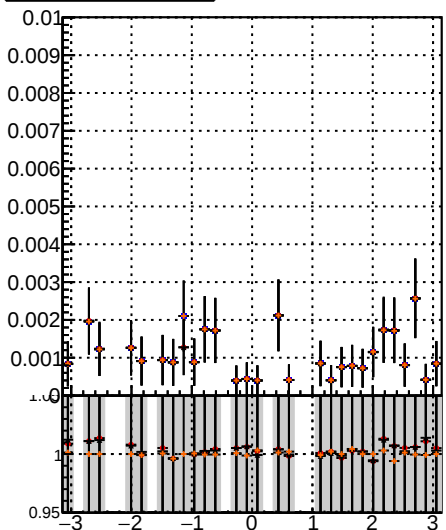


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

— $BQM \rightarrow TT \rightarrow MS$ $detT$
 — $BQM \rightarrow TT \rightarrow MS$ $detT$ $dpdq$
 — $BQM \rightarrow TT \rightarrow MS$ $detT$ $chi2$

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