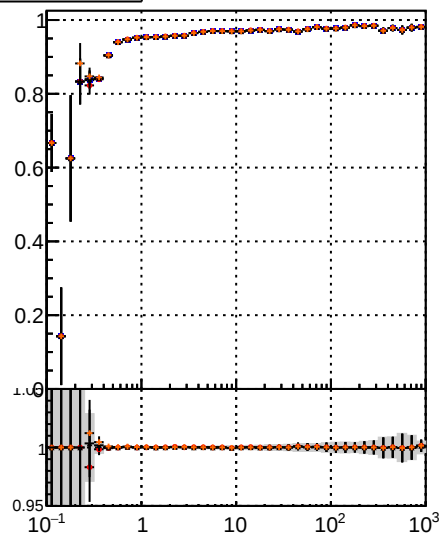
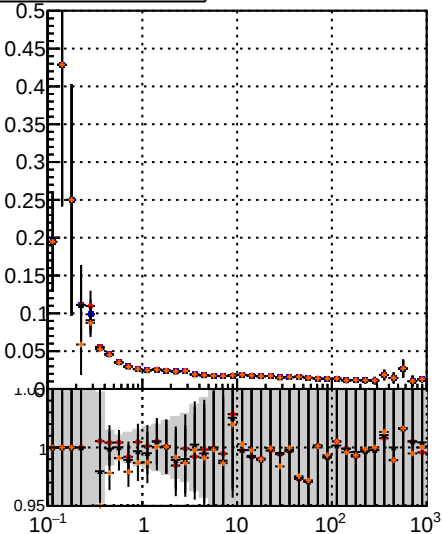
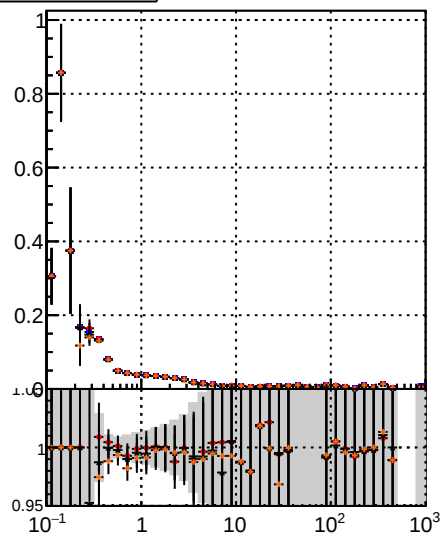
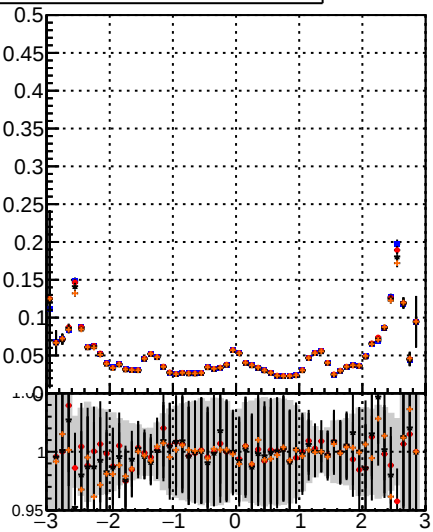
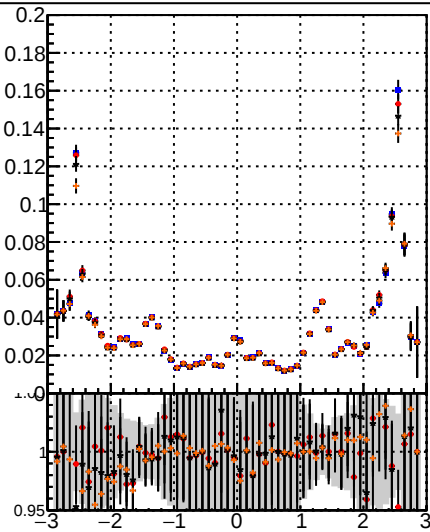
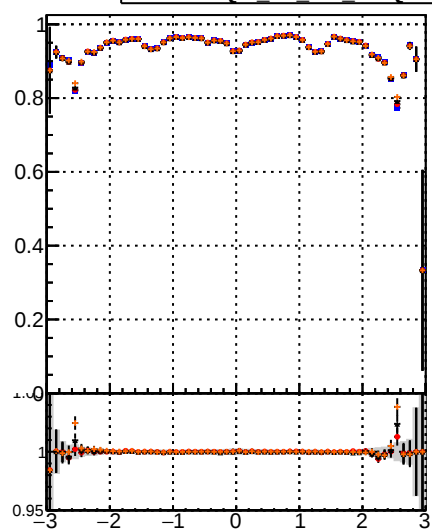
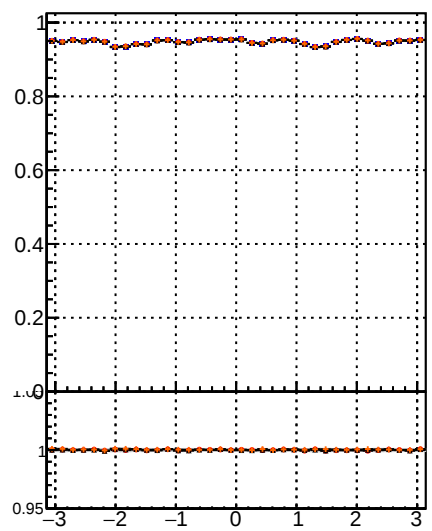
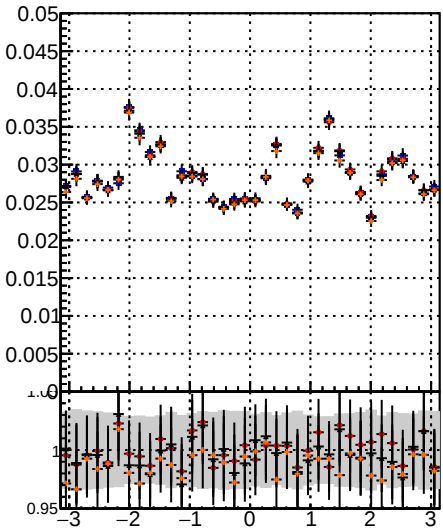


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for all plots:

- Blue line: $BQM \rightarrow TT \rightarrow MS$ detQ0
- Red line: $BQM \rightarrow TT \rightarrow MS$ detQ1
- Orange line: $BQM \rightarrow TT \rightarrow MS$ detQ9

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