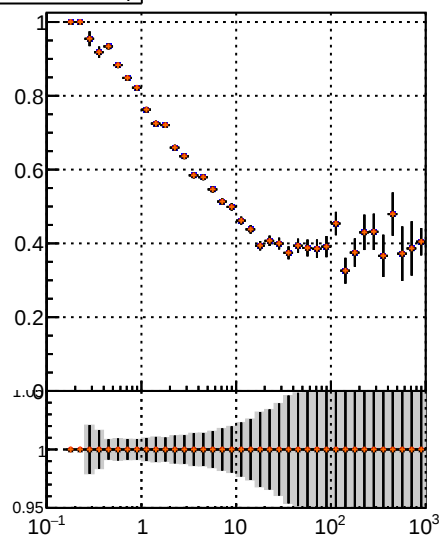
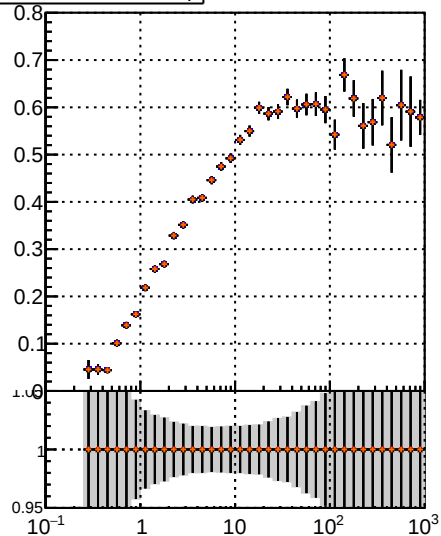
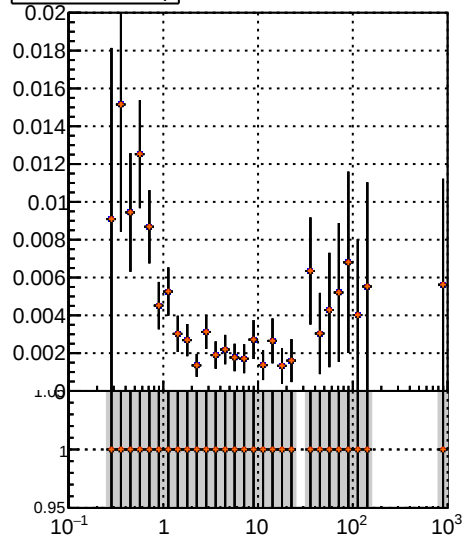
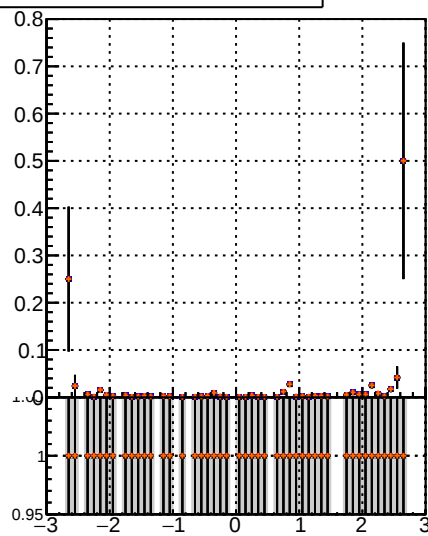
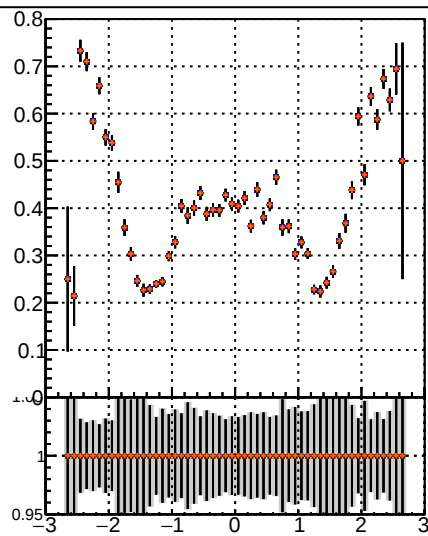
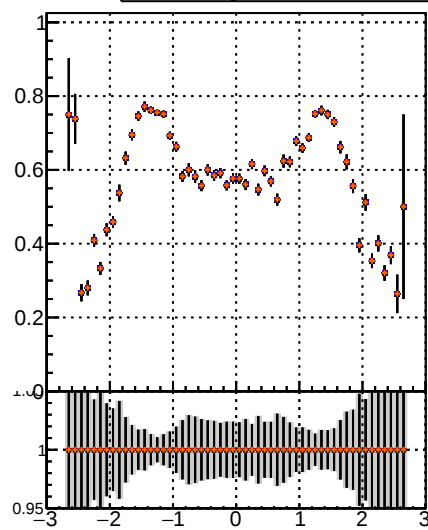
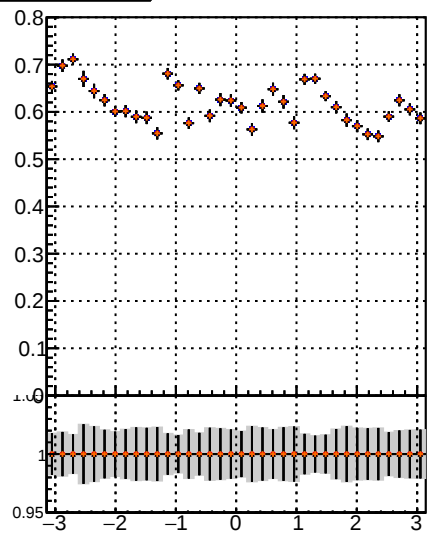
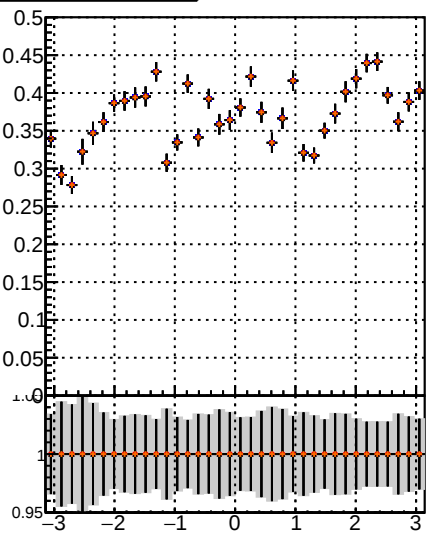


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for the top row of plots:

- Blue line: BQM TT MS detT
- Red line: BQM TT MS detT1
- Black line: BQM TT MS detT09

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