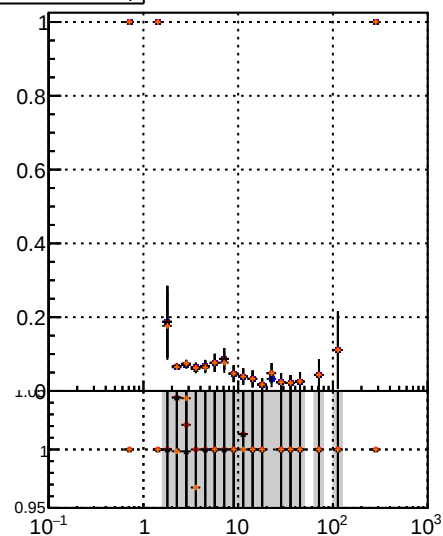
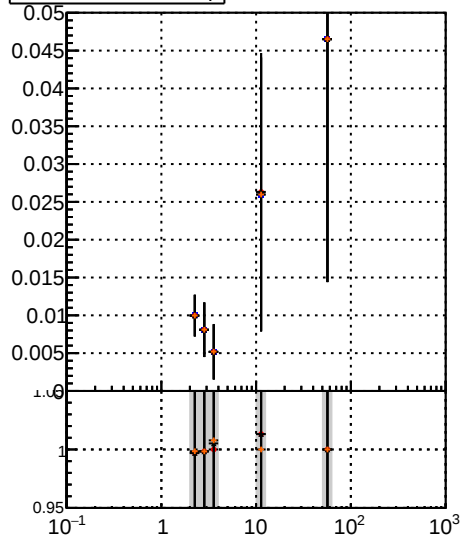
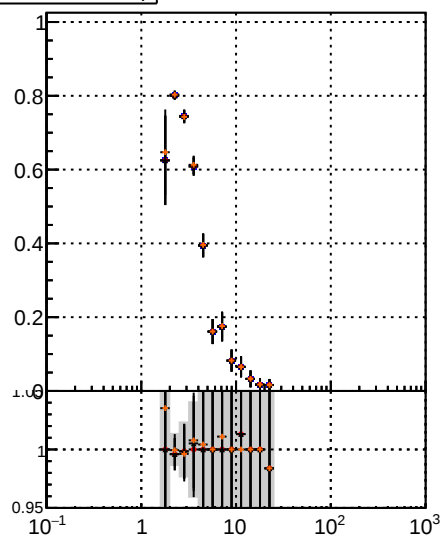
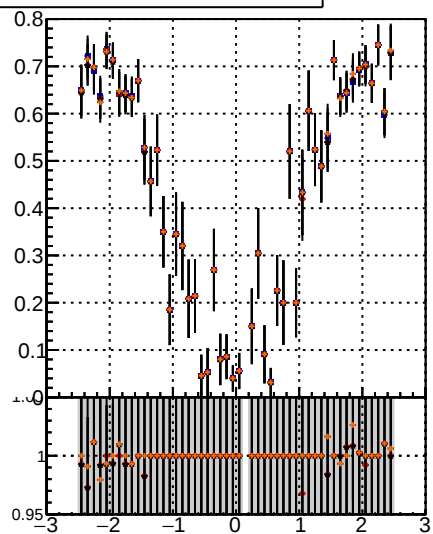
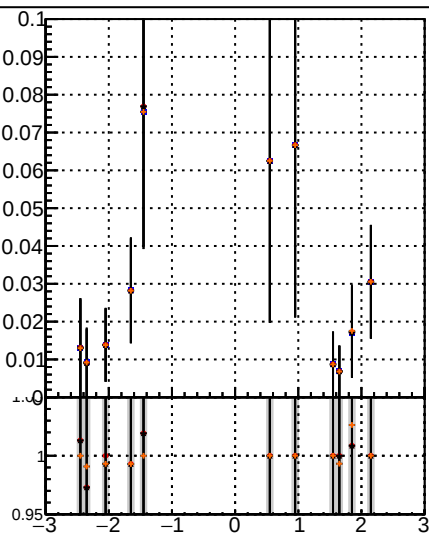
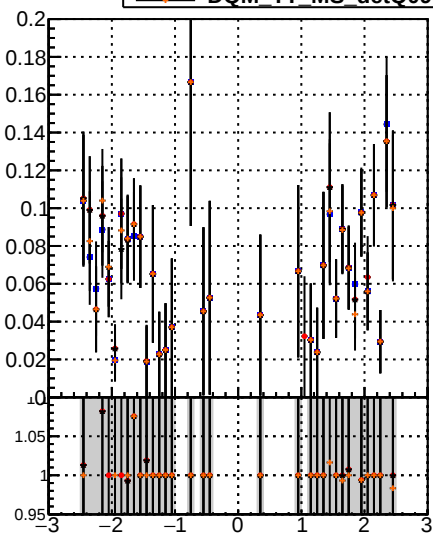
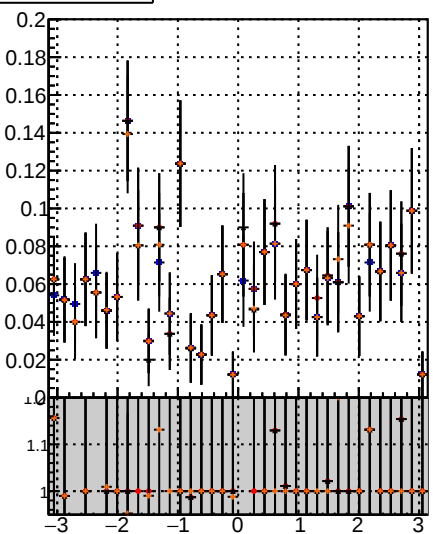
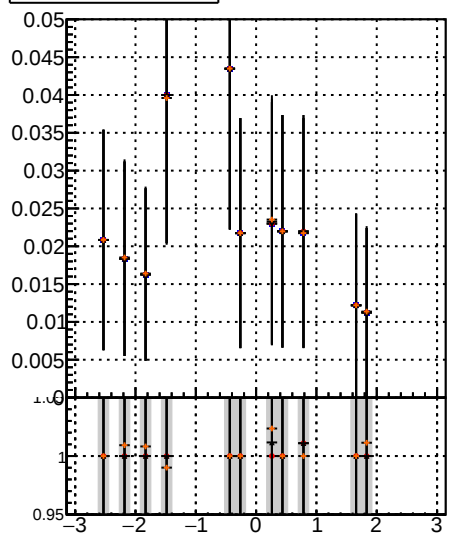


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for Fake rate vs p_T , Duplicates Rate vs p_T , and Pileup rate vs p_T :

- BQM (Blue line with dots)
- TT (Red line with dots)
- MS (Black line with dots)
- det0 (Blue line with dots)
- det01 (Red line with dots)
- det09 (Black line with dots)

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