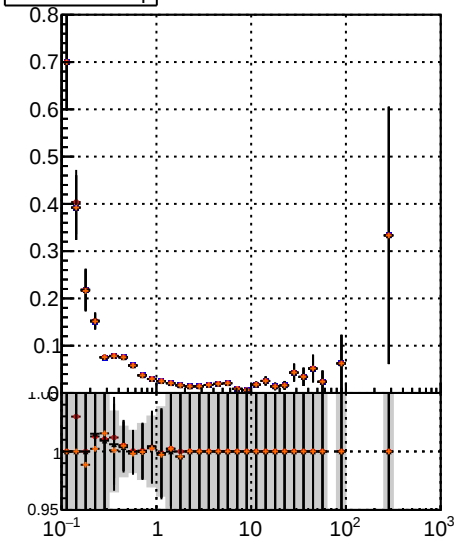
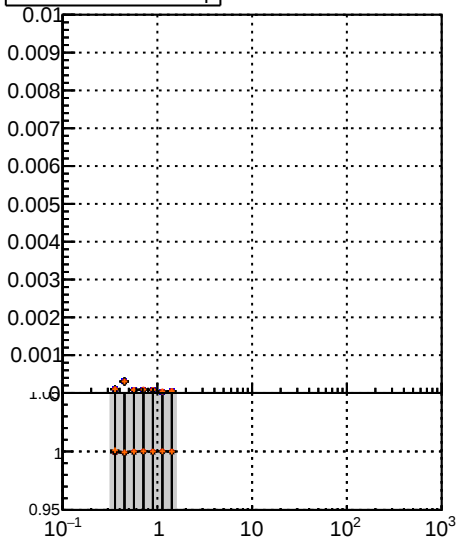
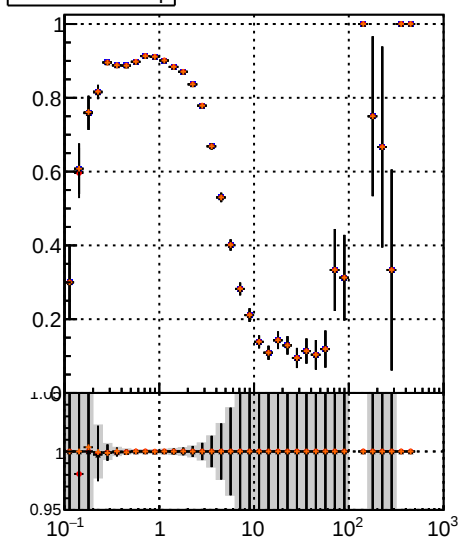
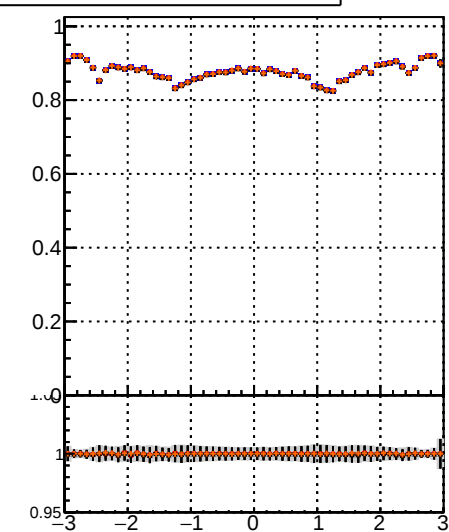
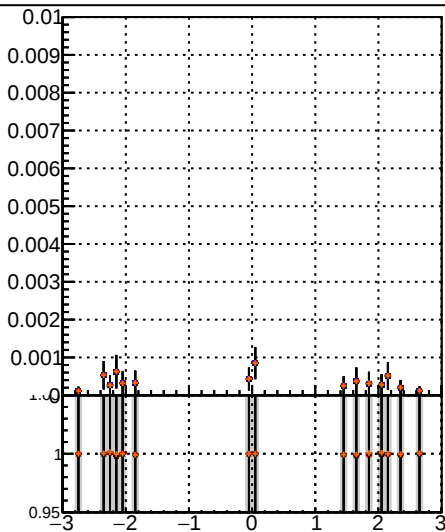
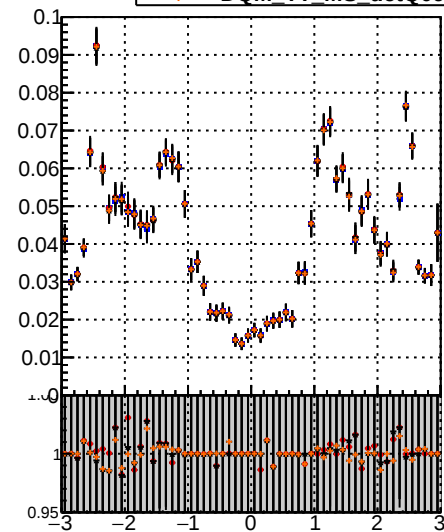
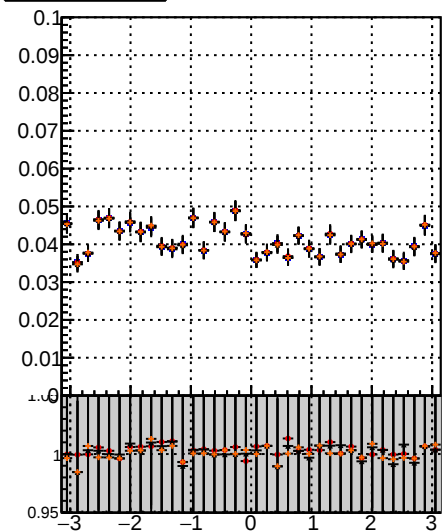
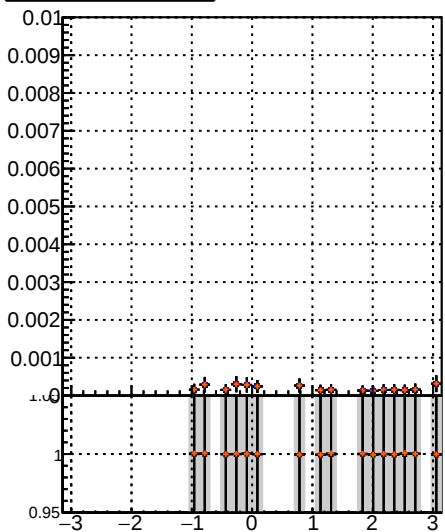


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for the plots:

- $\square$ p_T MS det0
- $\square$ p_T MS det01
- $\square$ p_T MS det09

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