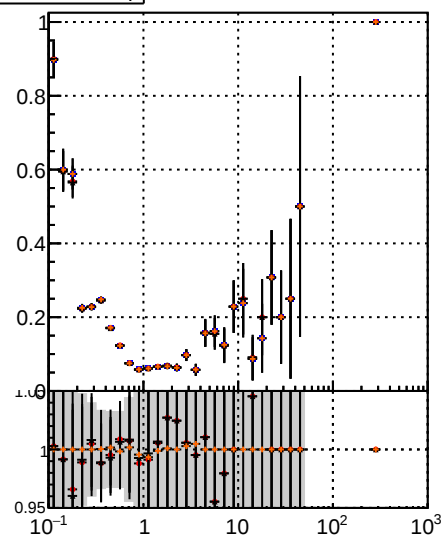
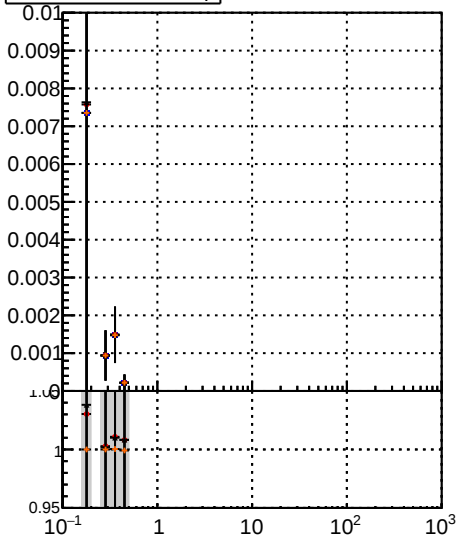
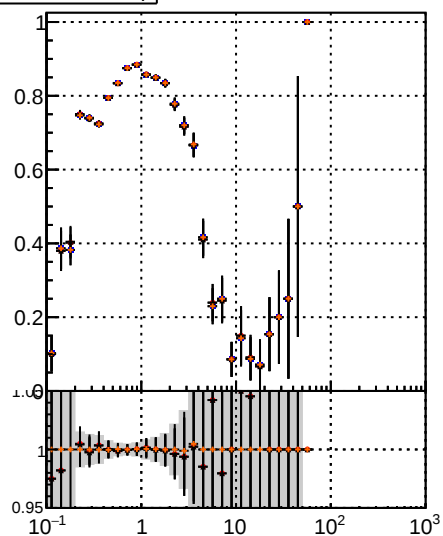
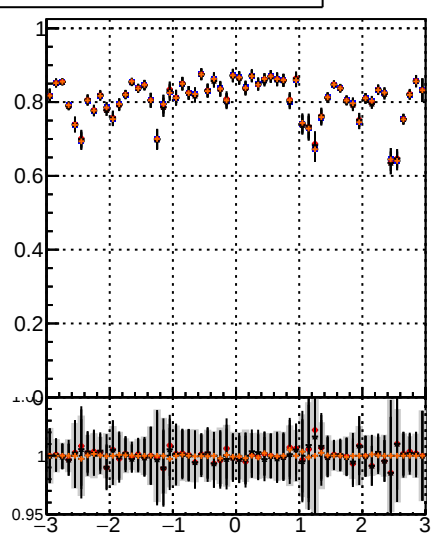
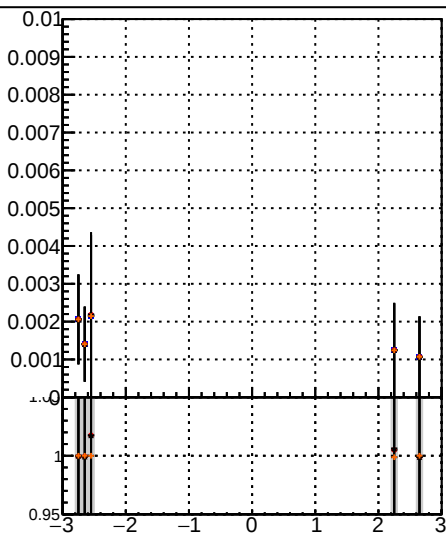
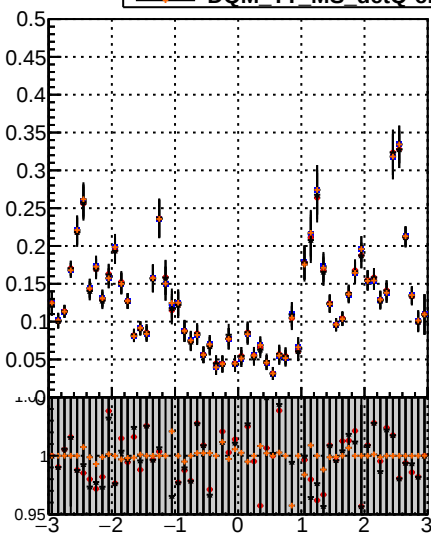
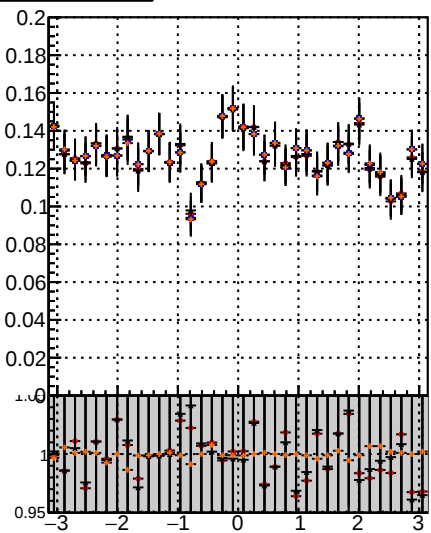
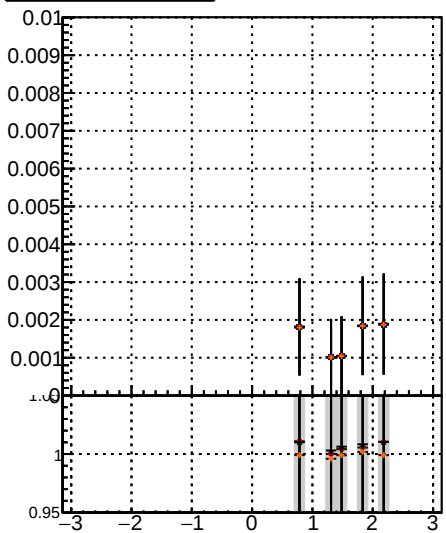


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for the plots:

- MS_{det0} (blue line)
- $MS_{det0}+dpdq$ (red line)
- $MS_{det0}+chiz$ (orange line)
- $MS_{det0}+dpdq+chiz$ (green line)

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