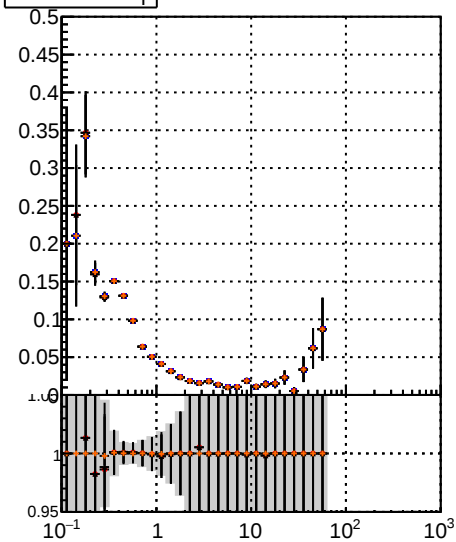
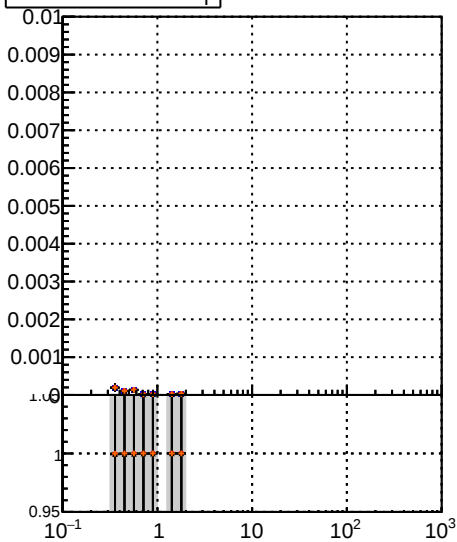
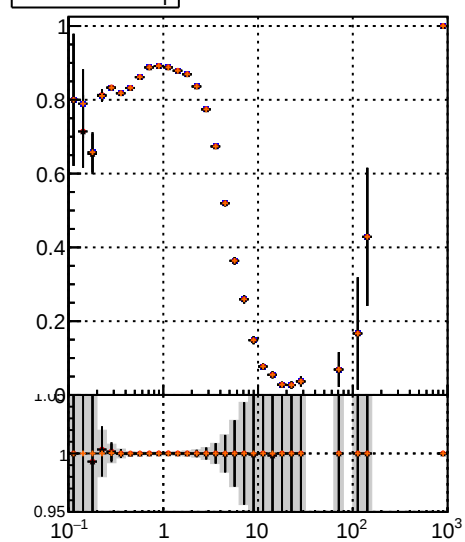
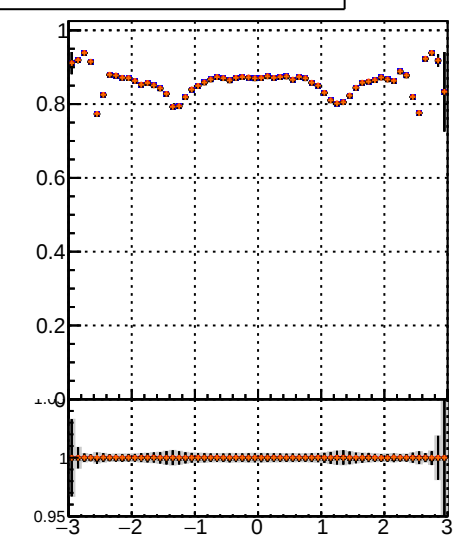
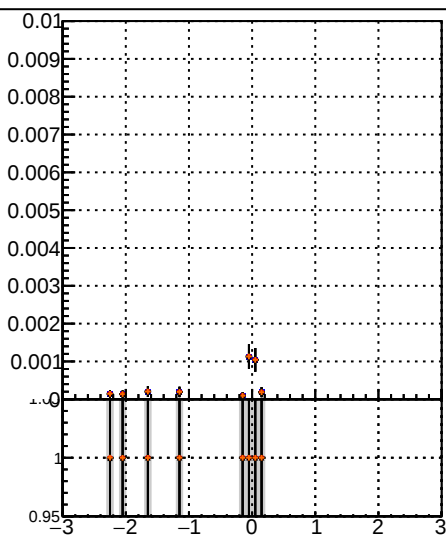
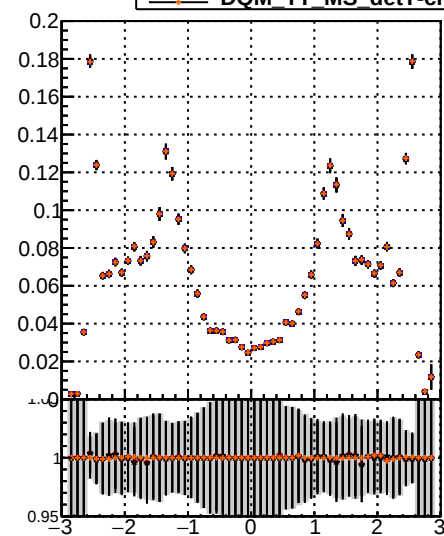
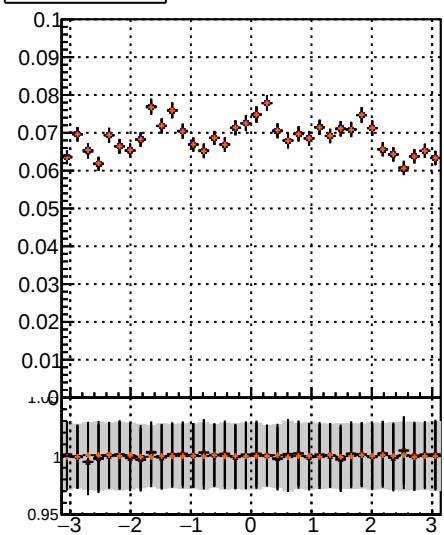
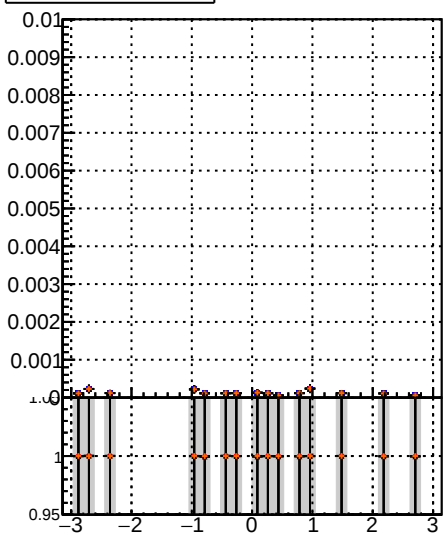


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

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

- Blue line: p_T MS
- Red line: p_T MS
- Black line: p_T MS
- Orange line: p_T MS
- Green line: p_T MS
- Yellow line: p_T MS
- Purple line: p_T MS
- Brown line: p_T MS
- Pink line: p_T MS
- Gray line: p_T MS
- Light blue line: p_T MS
- Light green line: p_T MS
- Light yellow line: p_T MS
- Light purple line: p_T MS
- Light brown line: p_T MS
- Light pink line: p_T MS
- Light gray line: p_T MS
- Light light blue line: p_T MS
- Light light green line: p_T MS
- Light light yellow line: p_T MS
- Light light purple line: p_T MS
- Light light brown line: p_T MS
- Light light pink line: p_T MS
- Light light gray line: p_T MS

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