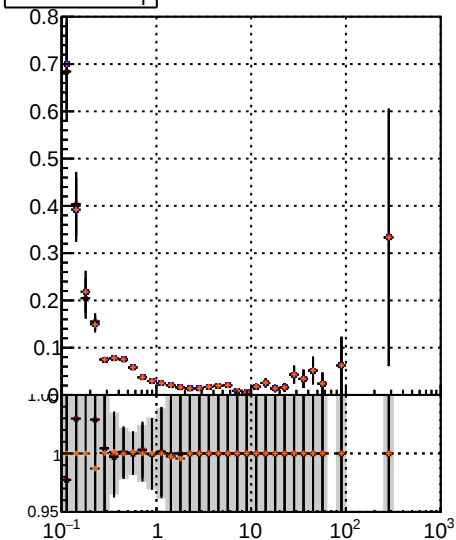
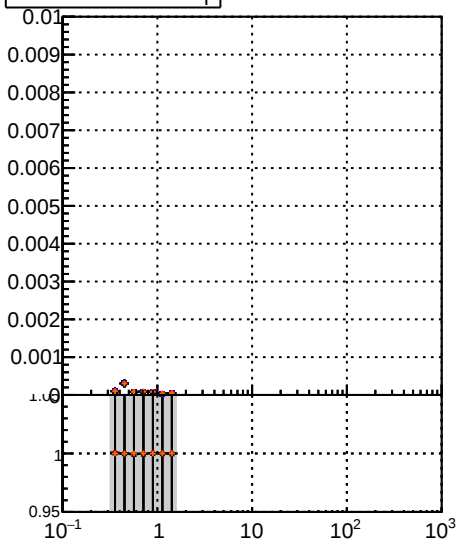
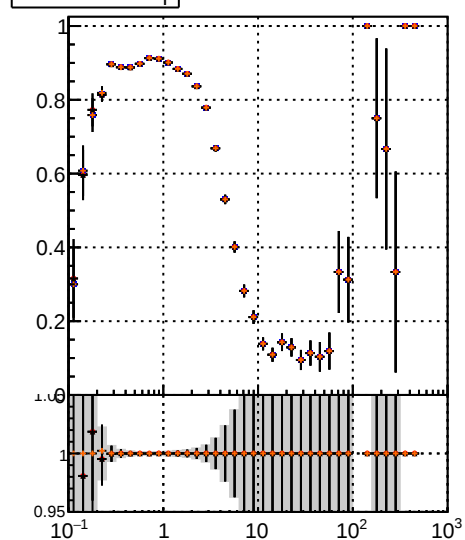
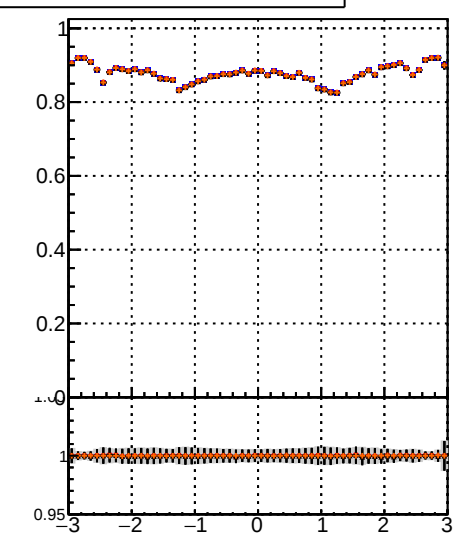
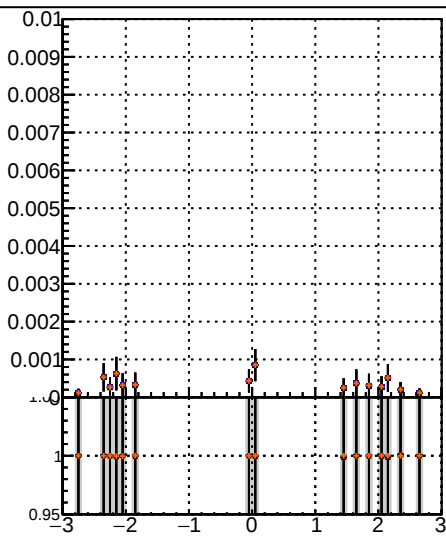
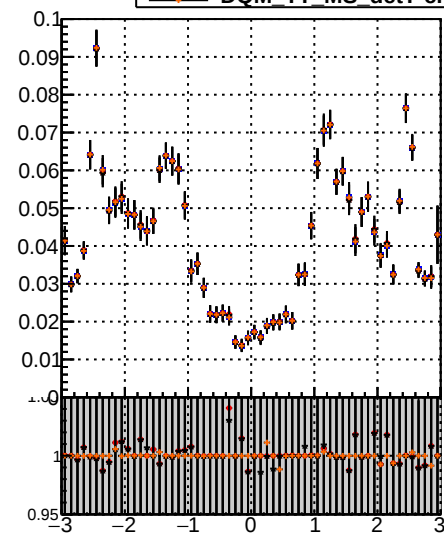
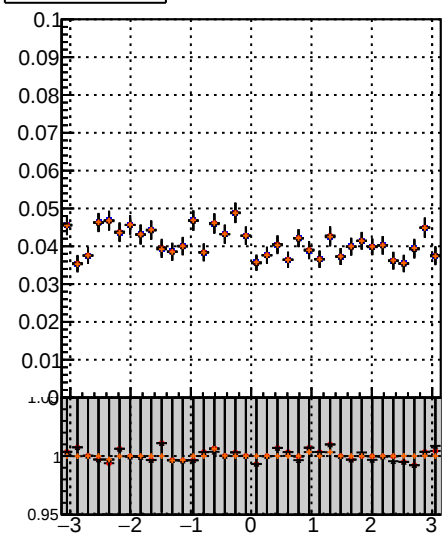
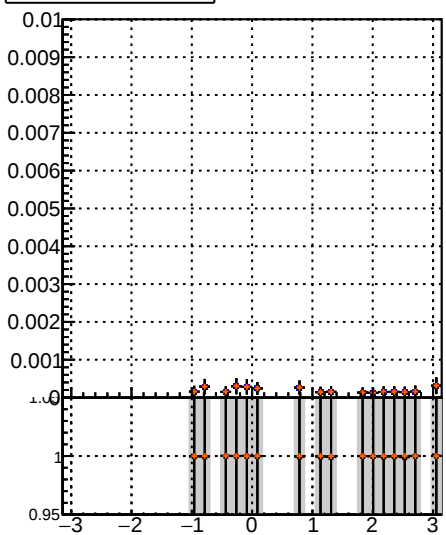


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for decay channels:

- $B^0 \rightarrow \pi^+ \pi^-$ MS
- $B^0 \rightarrow \pi^+ \pi^-$ detT
- $B^0 \rightarrow \pi^+ \pi^-$ detT-dp2q
- $B^0 \rightarrow \pi^+ \pi^-$ detT-chi2

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