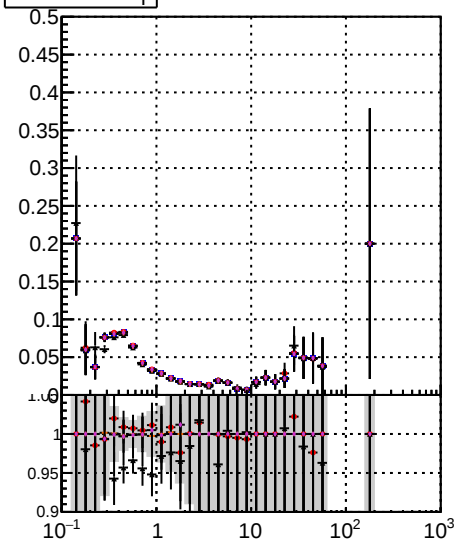
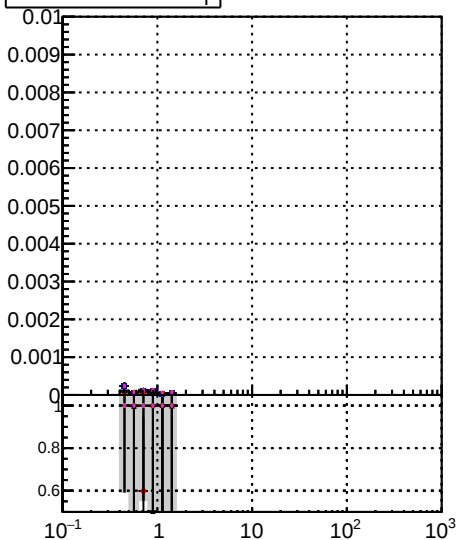
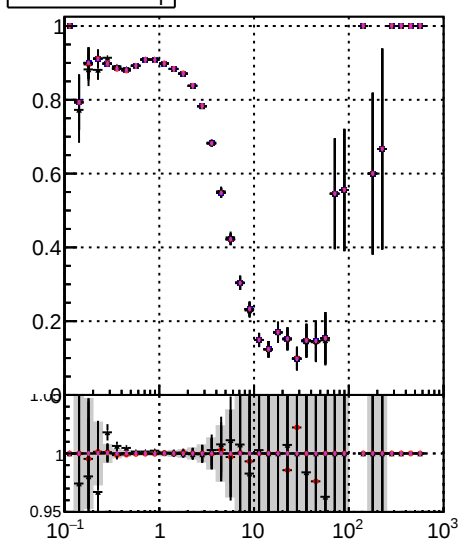
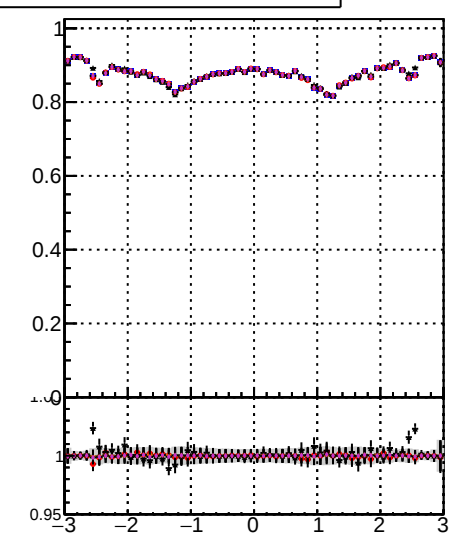
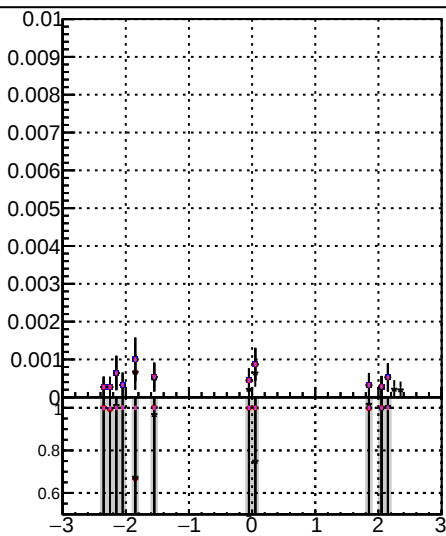
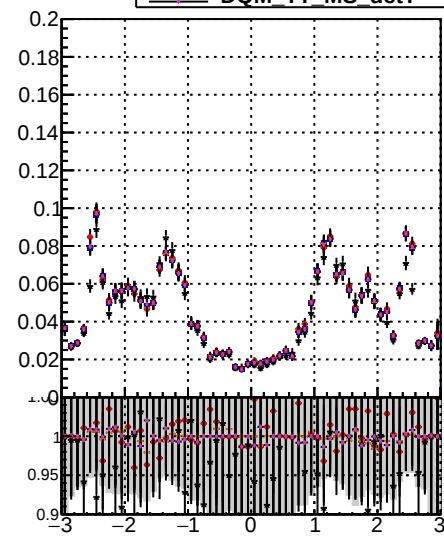
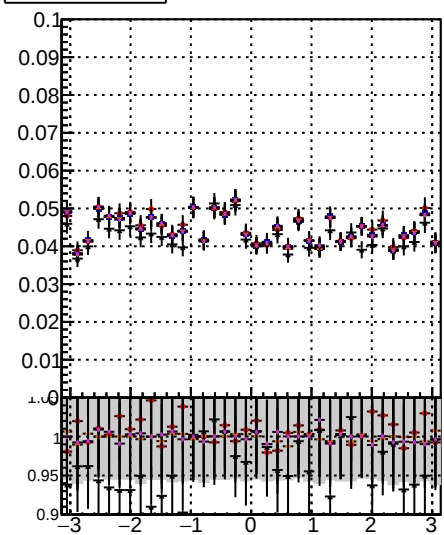
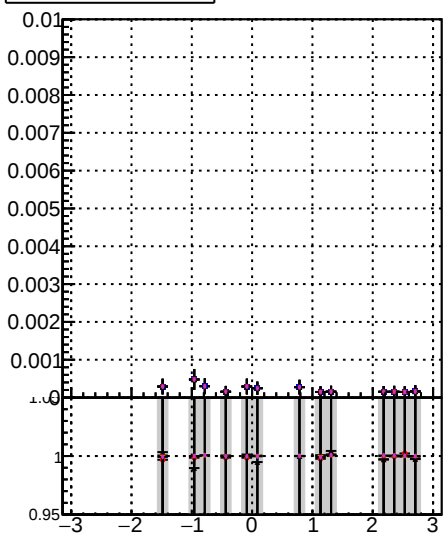


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend for the plots:

- $b\bar{b}$ (blue)
- $b\bar{b}g$ (orange)
- $b\bar{b}q$ (green)
- $b\bar{b}l$ (red)
- $b\bar{b}n$ (purple)
- $b\bar{b}p$ (brown)
- $b\bar{b}d$ (pink)
- $b\bar{b}u$ (grey)
- $b\bar{b}s$ (black)
- $b\bar{b}c$ (dark blue)
- $b\bar{b}b$ (dark orange)
- $b\bar{b}t$ (dark green)
- $b\bar{b}t$ (dark red)
- $b\bar{b}t$ (dark purple)
- $b\bar{b}t$ (dark brown)
- $b\bar{b}t$ (dark pink)
- $b\bar{b}t$ (dark grey)
- $b\bar{b}t$ (dark black)
- $b\bar{b}t$ (dark blue)
- $b\bar{b}t$ (dark orange)
- $b\bar{b}t$ (dark green)
- $b\bar{b}t$ (dark red)
- $b\bar{b}t$ (dark purple)
- $b\bar{b}t$ (dark brown)
- $b\bar{b}t$ (dark pink)
- $b\bar{b}t$ (dark grey)
- $b\bar{b}t$ (dark black)

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