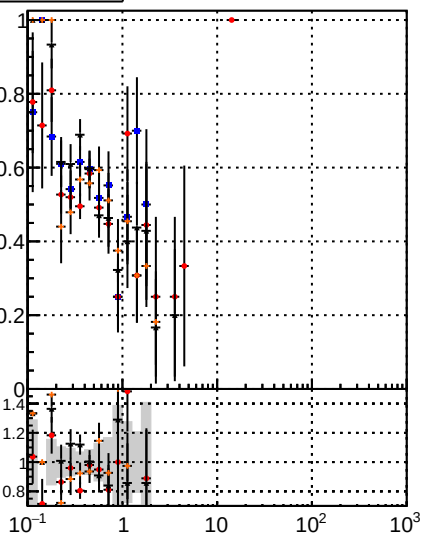
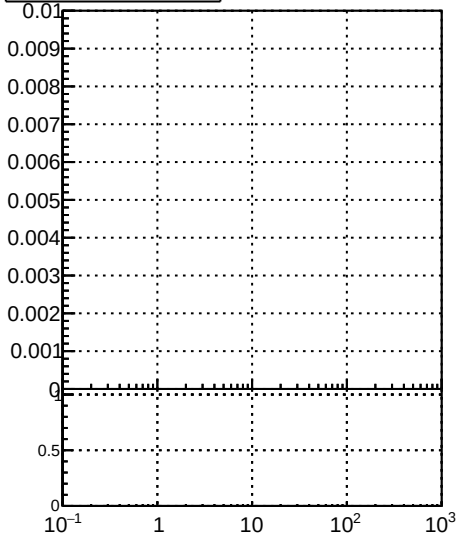
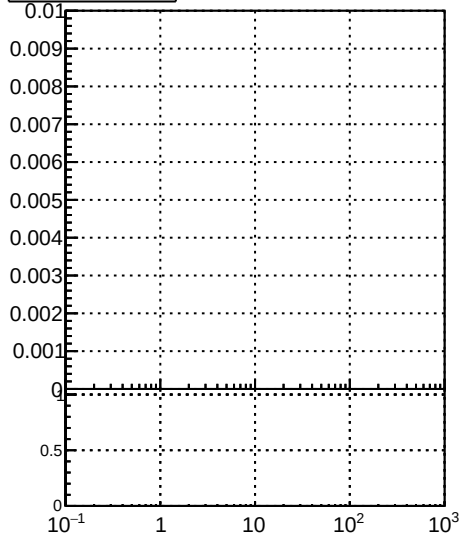
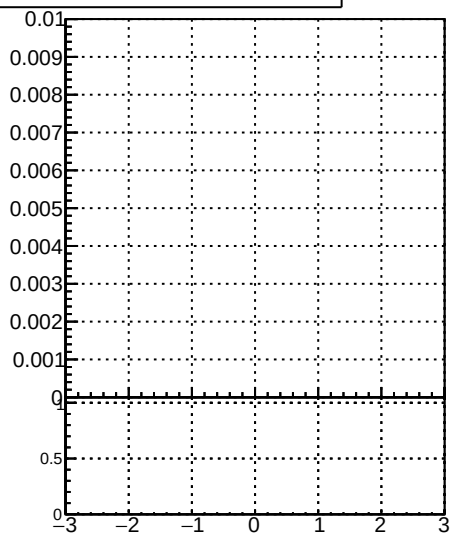
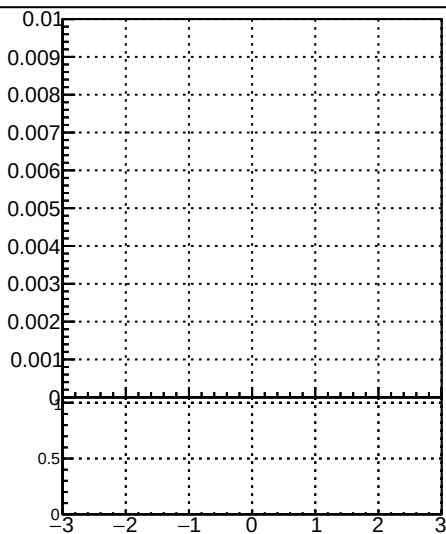
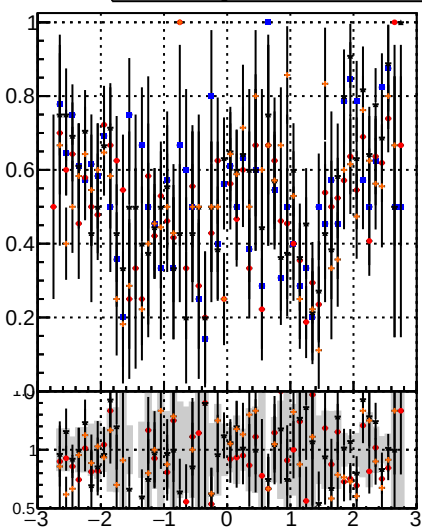
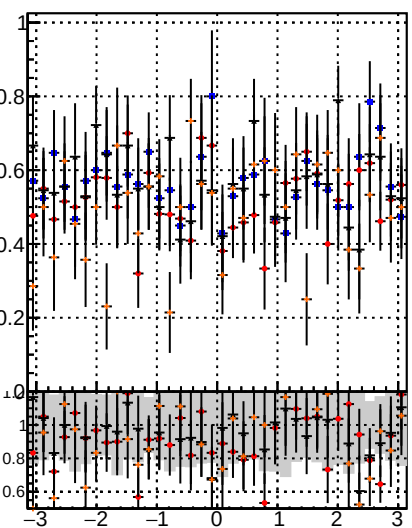
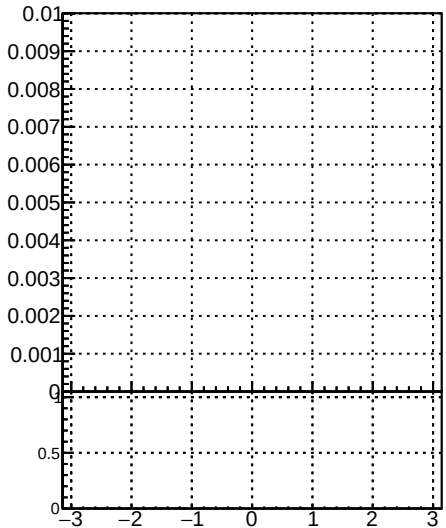


Fake rate vs  $p_T$ Duplicates Rate vs  $p_T$ Pileup rate vs  $p_T$ 

Legend for Fake rate vs  $p_T$ :

- DOM (blue line)
- IT (orange line)
- CKE (red line)
- BDT (black line)
- DOM (blue line)
- IT (orange line)
- CKE (red line)
- BDT (black line)
- DOM (blue line)
- IT (orange line)
- CKE (red line)
- BDT (black line)

Fake rate vs  $\phi$ Duplicates Rate vs  $\phi$ Pileup rate vs  $\phi$ 