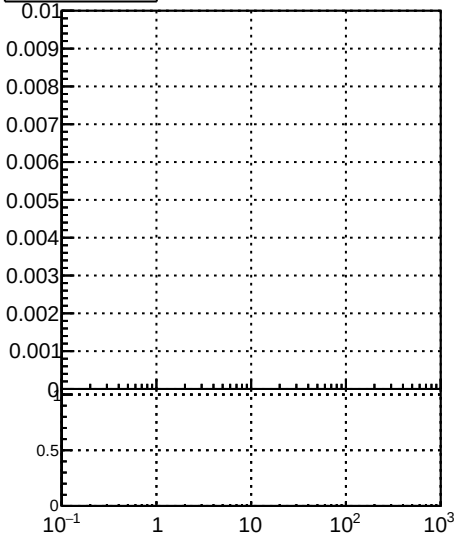
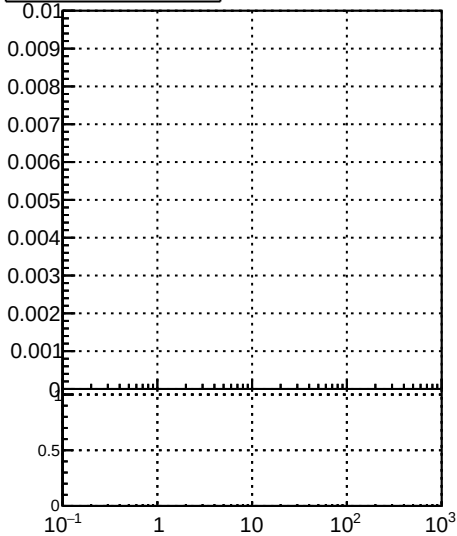


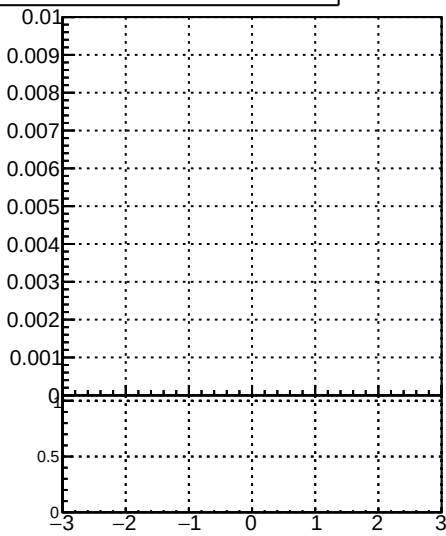
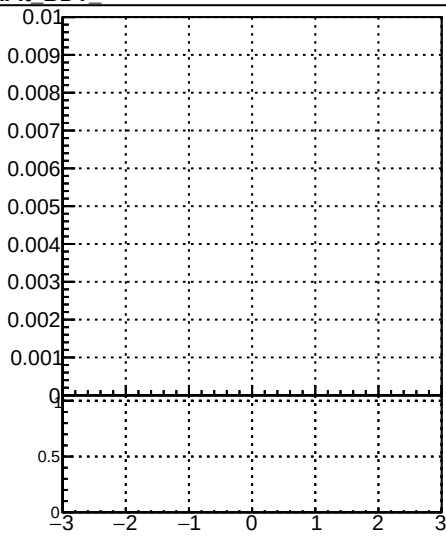
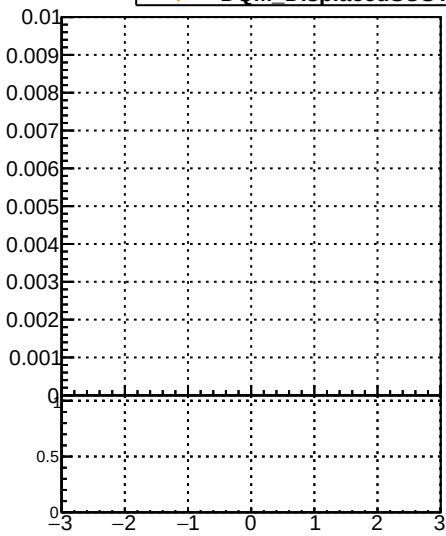
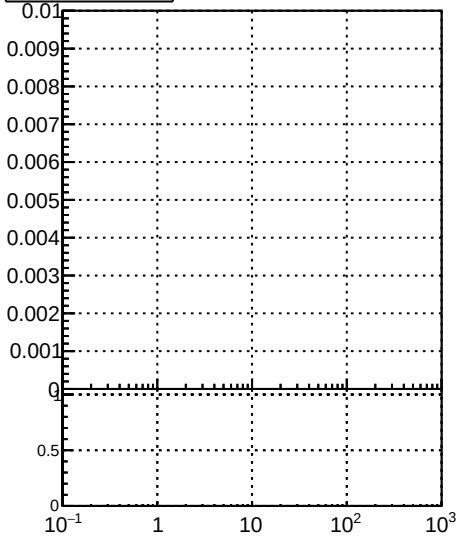
Fake rate vs  $p_T$



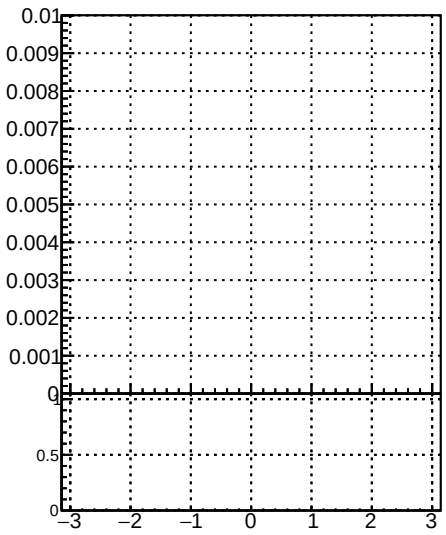
Duplicates Rate vs  $p_T$



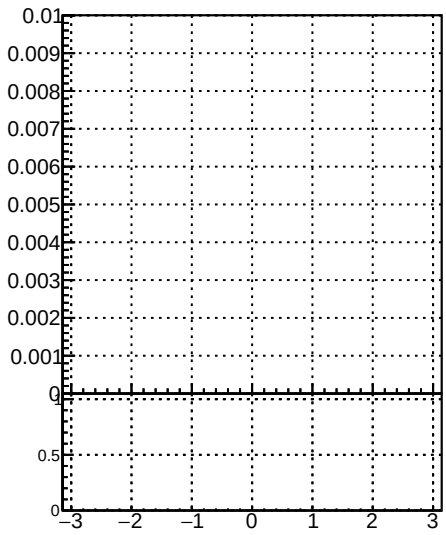
Pileup rate vs  $p_T$



Fake rate vs  $\phi$



Duplicates Rate vs  $\phi$



Pileup rate vs  $\phi$

