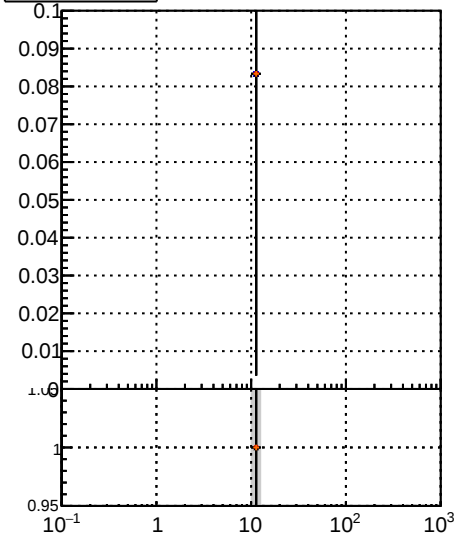
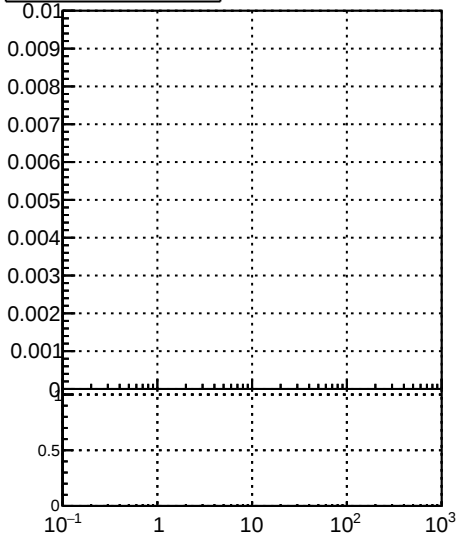


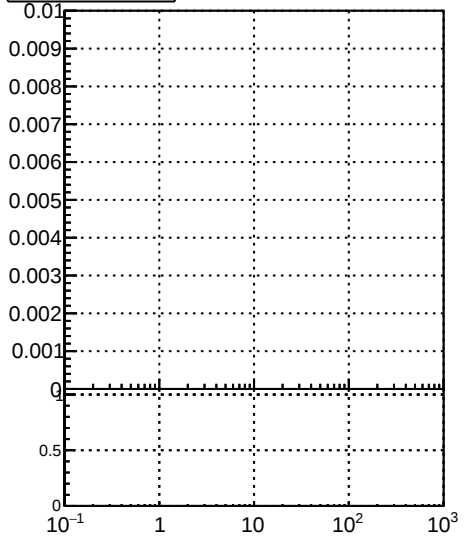
Fake rate vs p_T



Duplicates Rate vs p_T

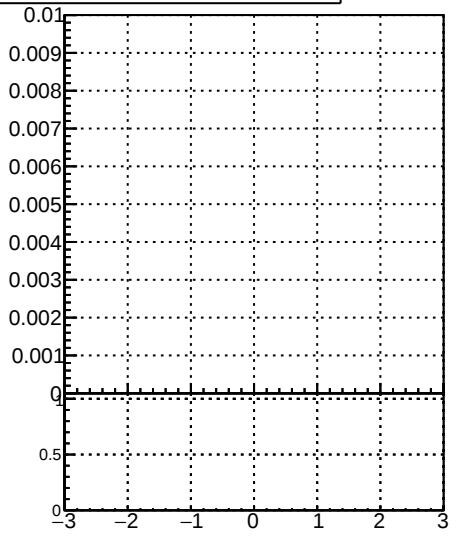
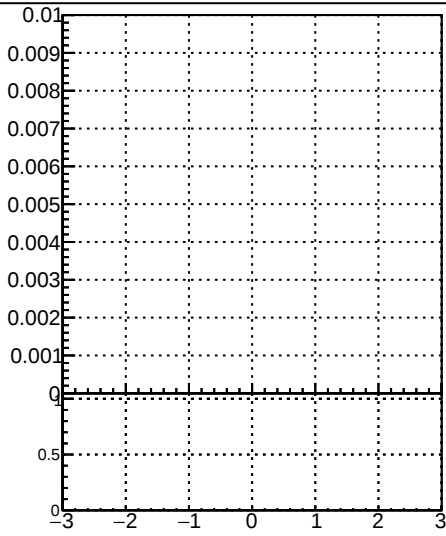
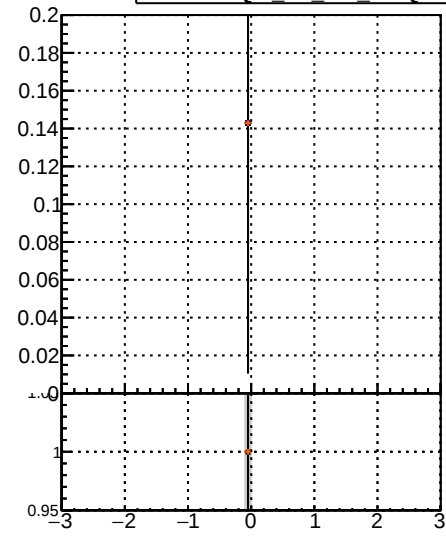


Pileup rate vs p_T

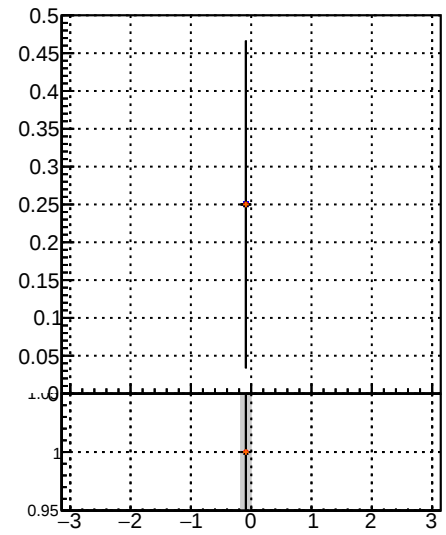


Legend for Fake rate vs p_T , Duplicates Rate vs p_T , and Pileup rate vs p_T :

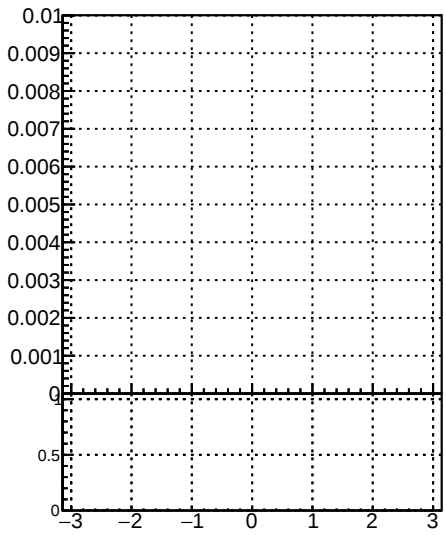
- Blue line: p_T MS
- Red line: p_T MS
- Black line: p_T MS
- Orange line: p_T MS



Fake rate vs ϕ



Duplicates Rate vs ϕ



Pileup rate vs ϕ

