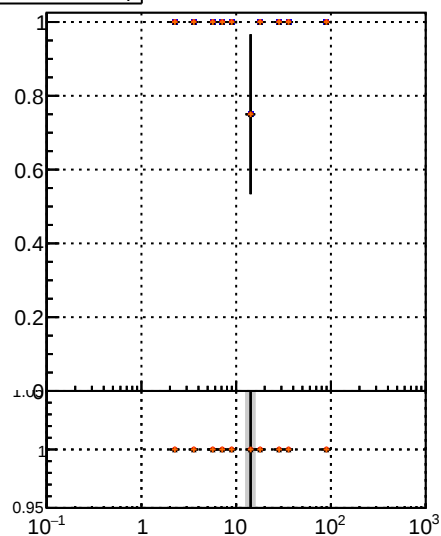


Fake rate vs p_T



Duplicates Rate vs p_T

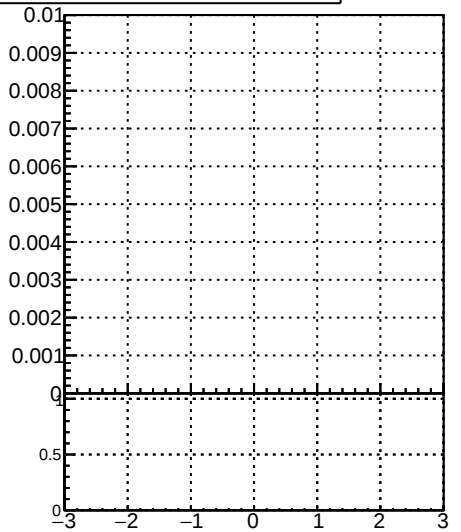
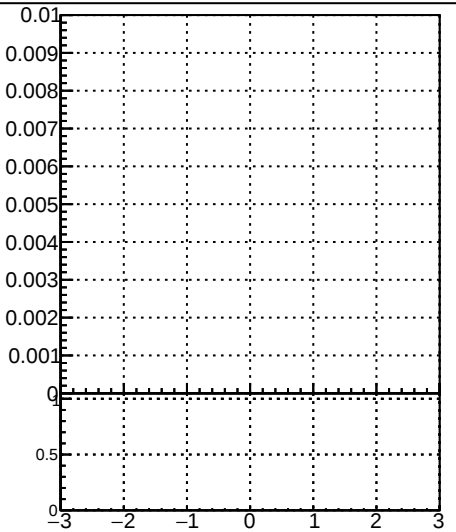
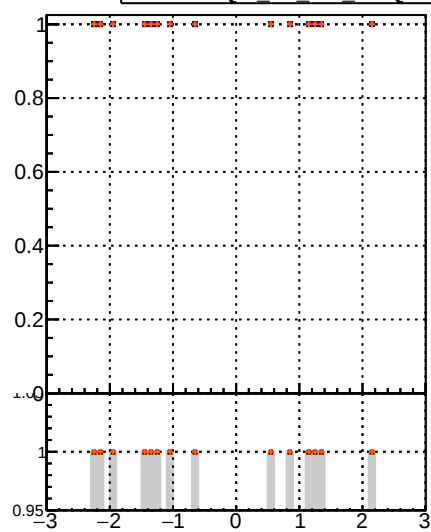


Pileup rate vs p_T

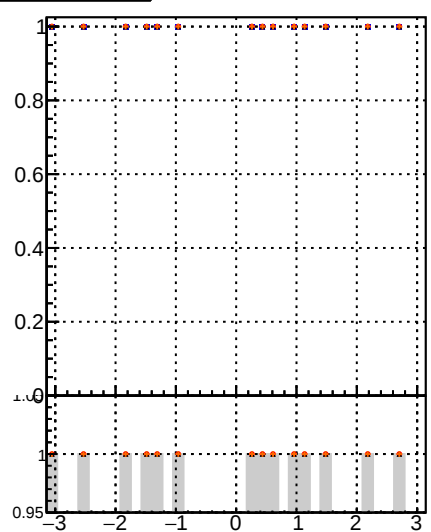


Legend for Fake rate vs p_T :

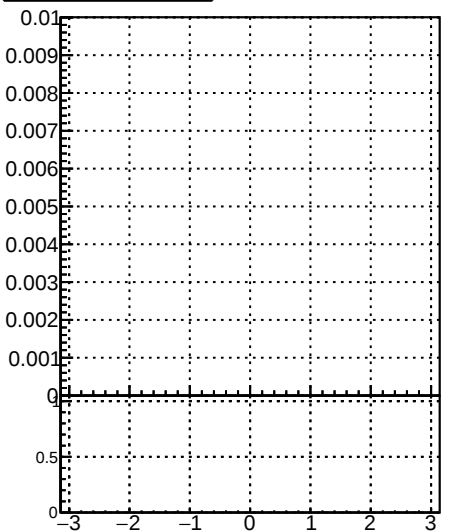
- $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS}$ det0
- $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS}$ det01
- $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS}$ det09



Fake rate vs ϕ



Duplicates Rate vs ϕ



Pileup rate vs ϕ

