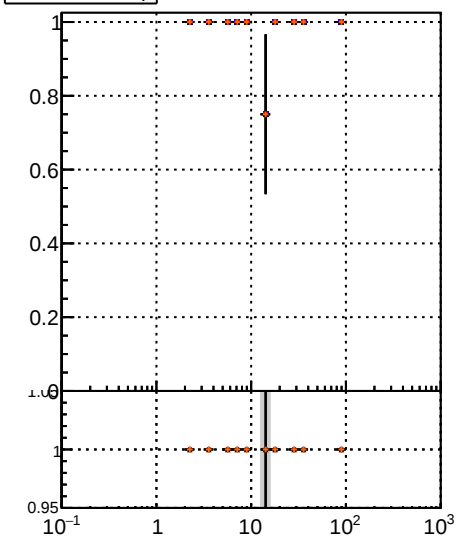


Fake rate vs p_T



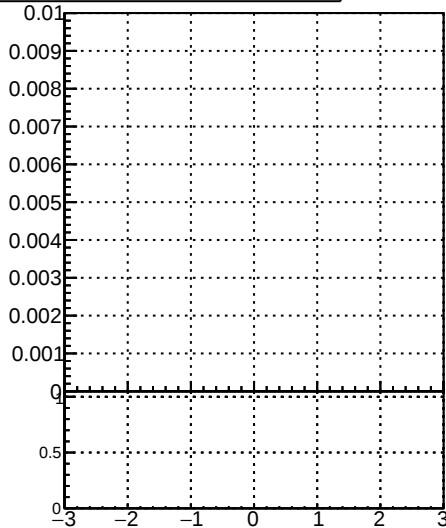
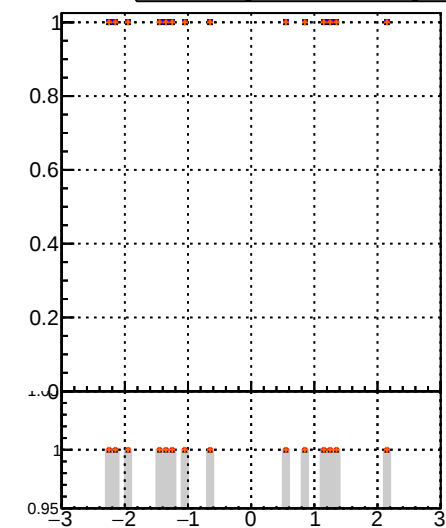
Duplicates Rate vs p_T



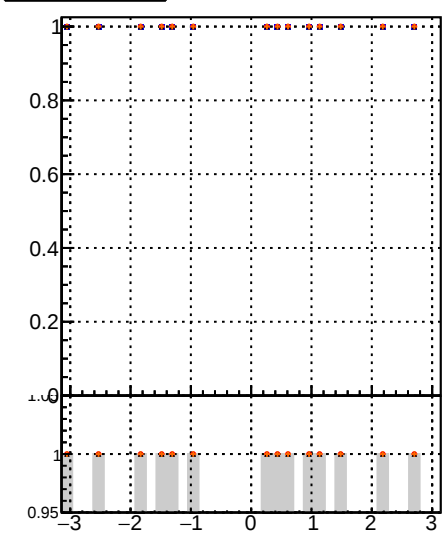
Pileup rate vs p_T



Legend: $\text{BQM TT MS det0-dpdq}$, $\text{BQM TT MS det0-chiz}$



Fake rate vs ϕ



Duplicates Rate vs ϕ



Pileup rate vs ϕ

