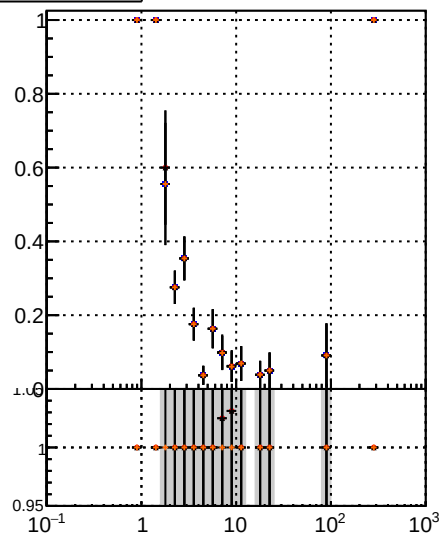
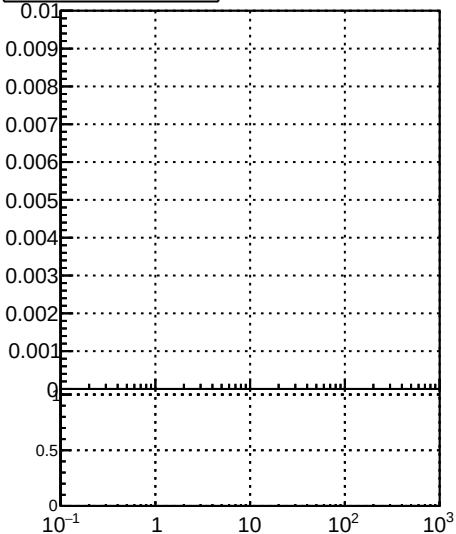
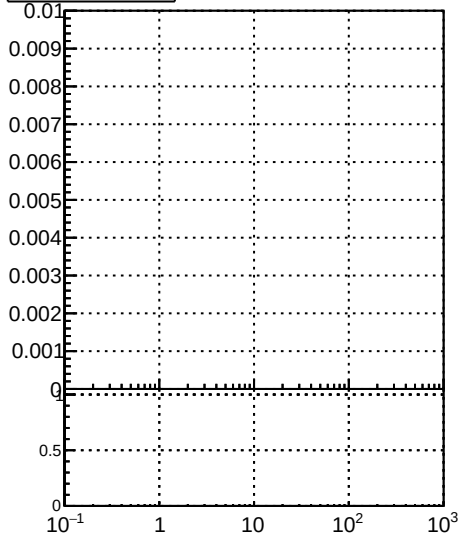
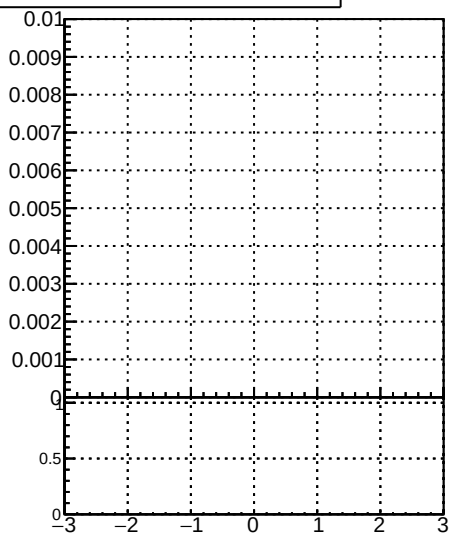
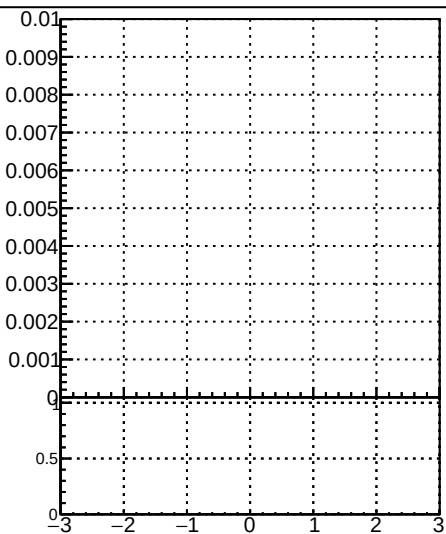
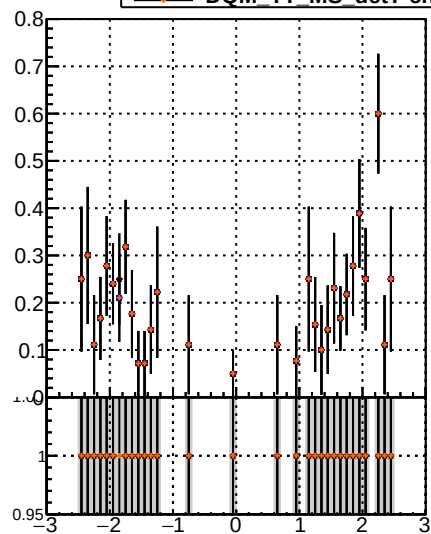
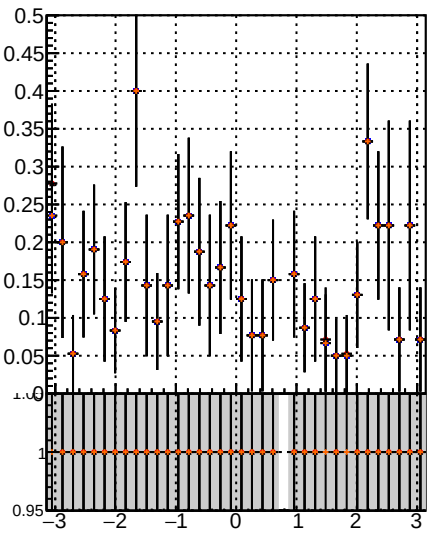
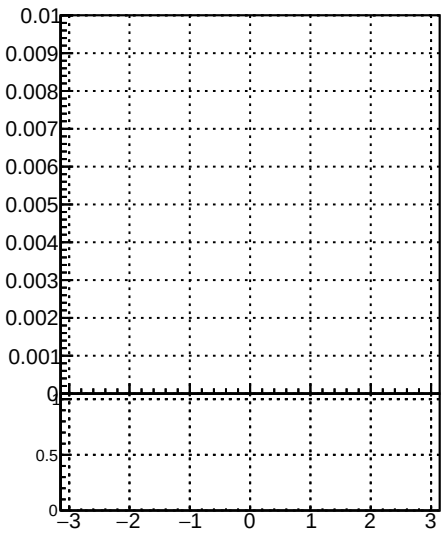


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

— p_T MS detT
 — p_T MS detT-dpdq
 — p_T MS detT-chi2

Fake rate vs ϕ Duplicates Rate vs ϕ Pileup rate vs ϕ 