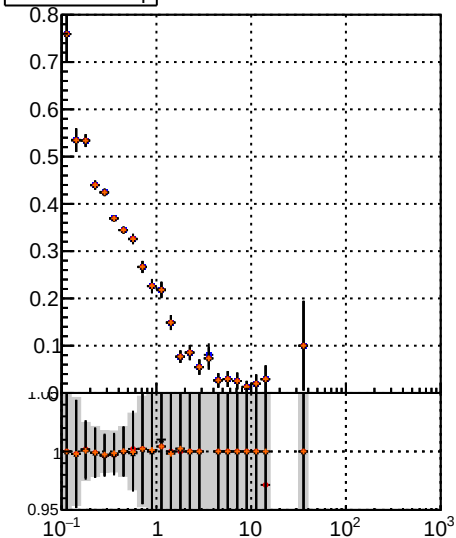
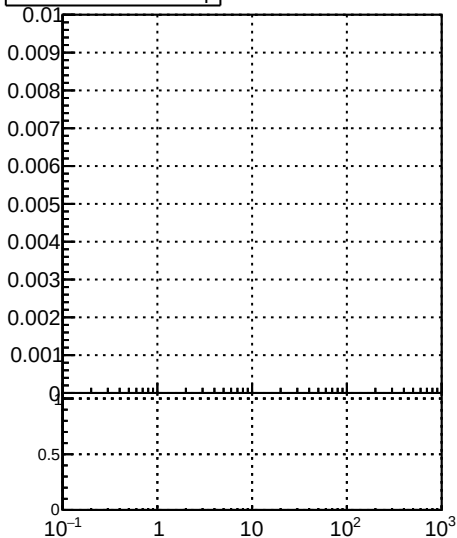
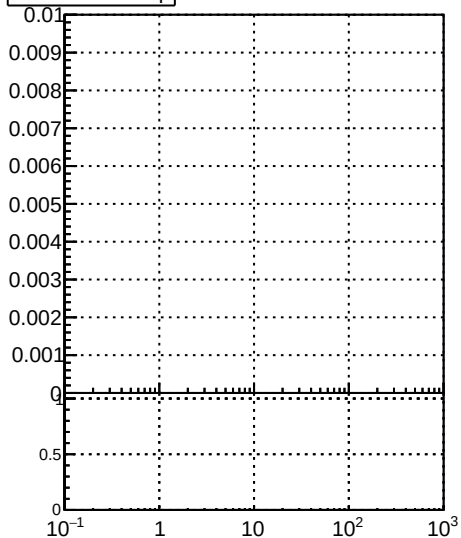
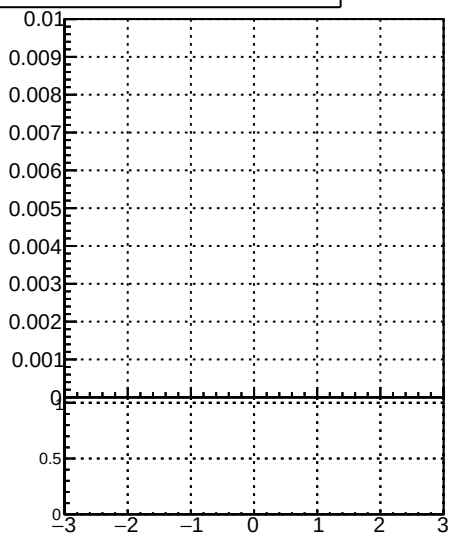
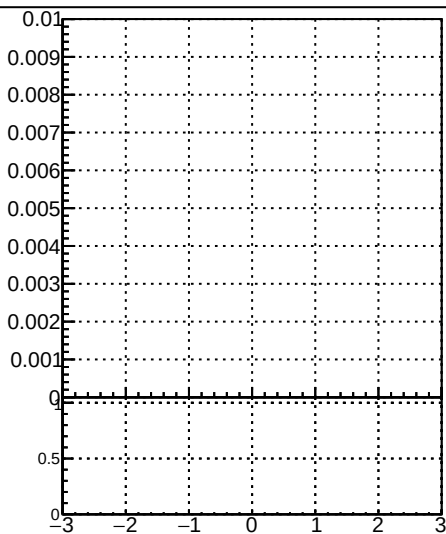
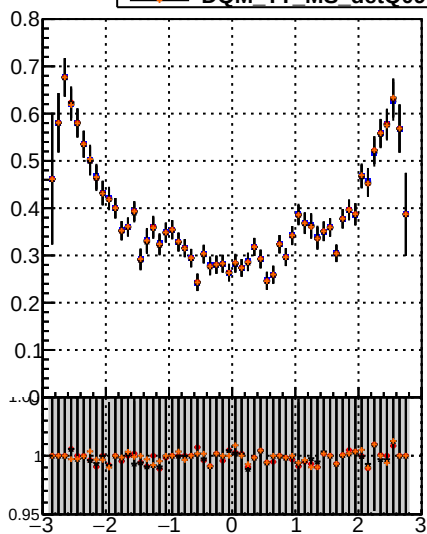
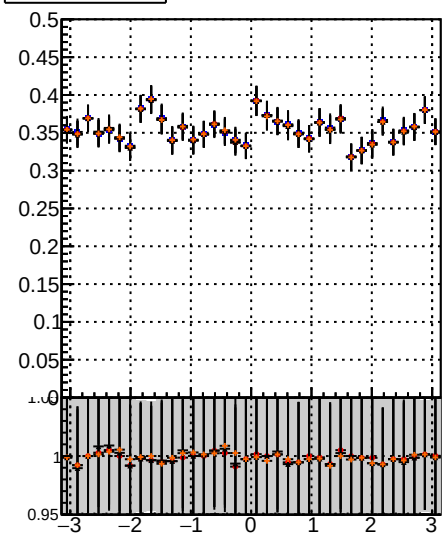
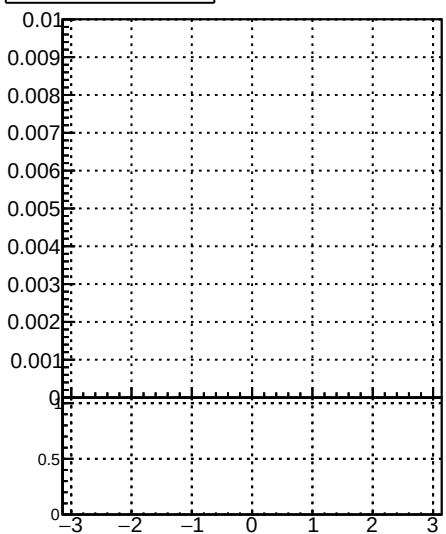


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

— p_T MS det0
 — p_T MS det01
 — p_T MS det09

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