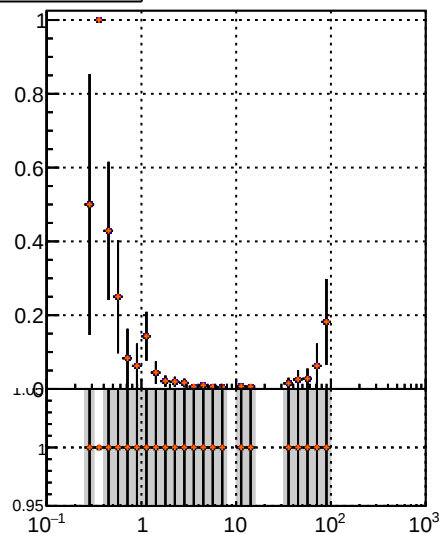
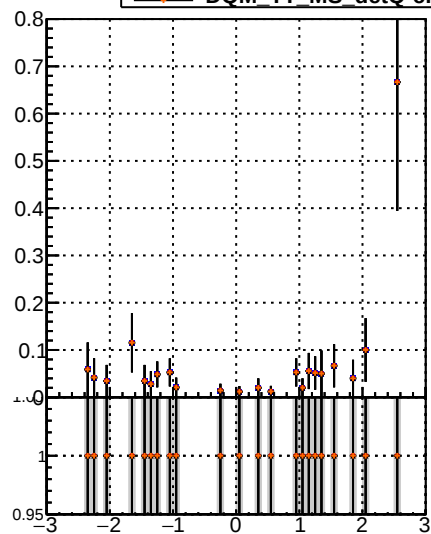
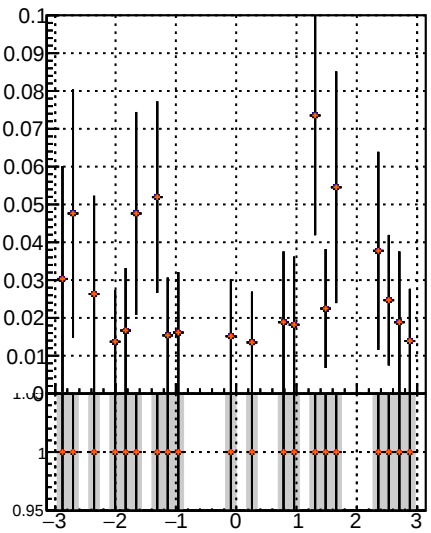


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

—●— p_T MS $\det0$ -dpdg
 —●— p_T MS $\det0$ -chiz
 —●— p_T MS $\det0$ -chiz

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