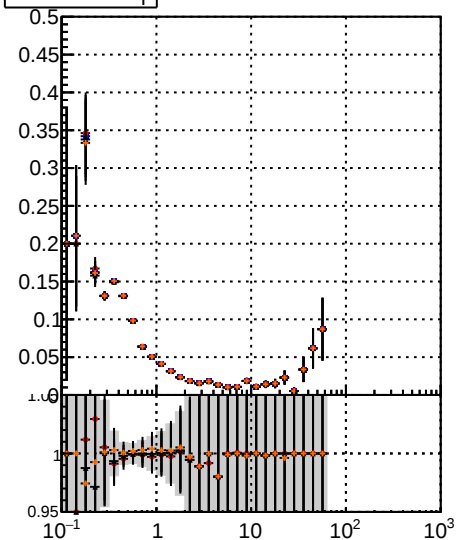
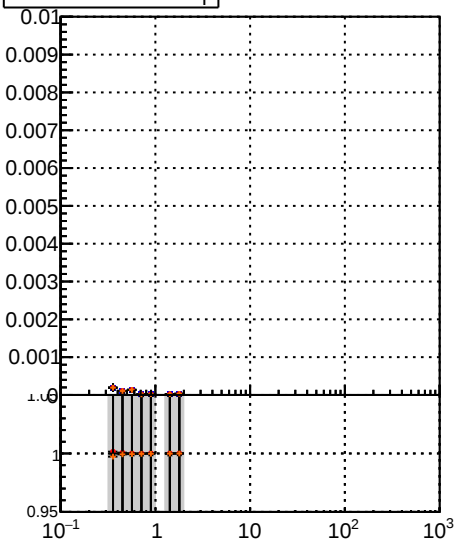
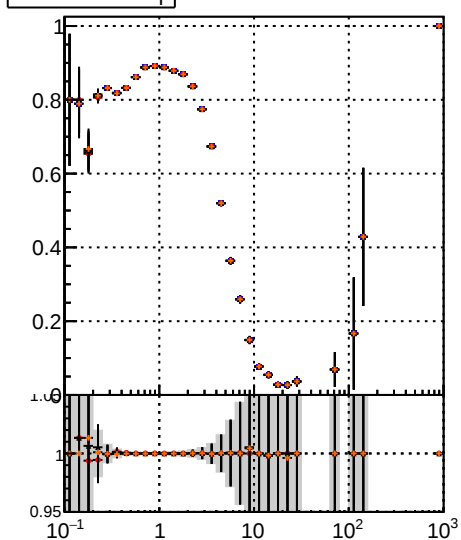
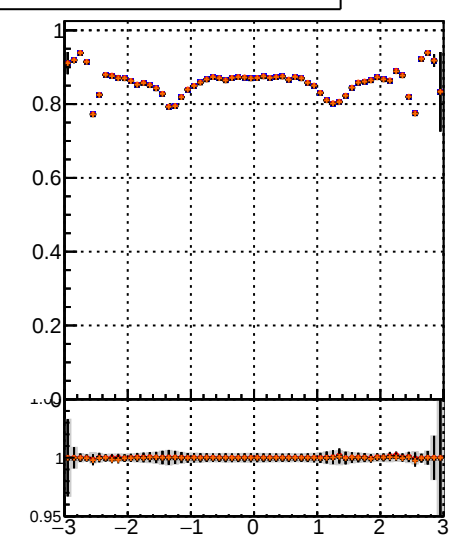
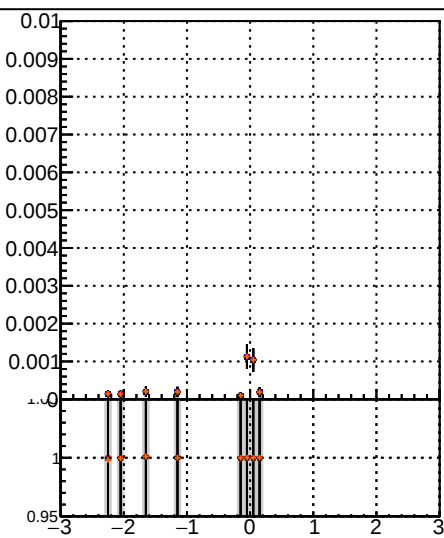
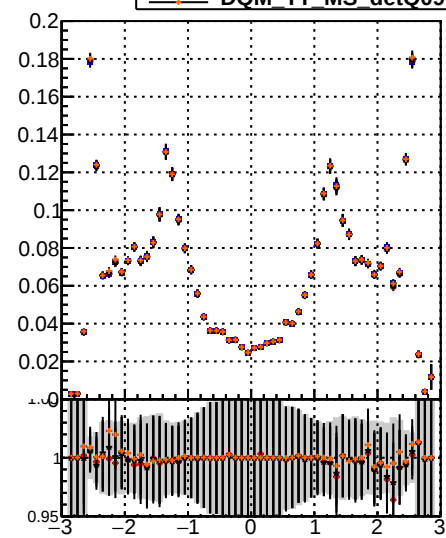
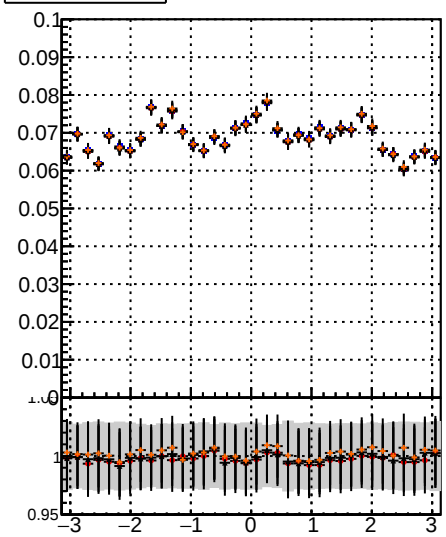
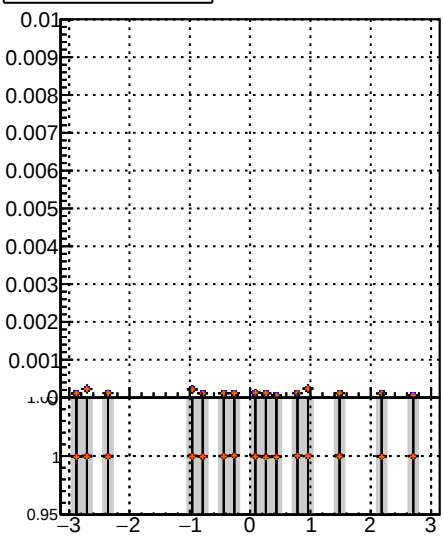


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

BQM TT MS detQ
 BQM TT MS detQ1
 BQM TT MS detQ9

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