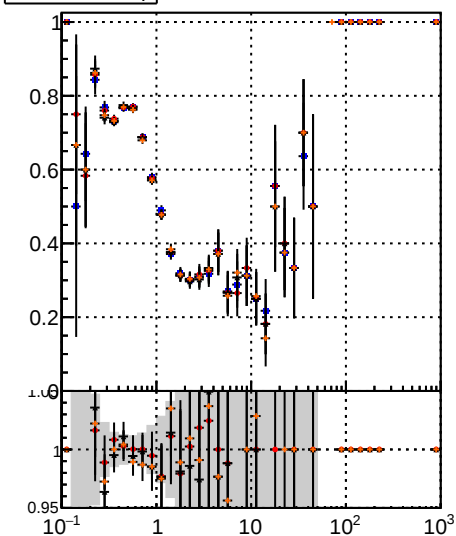
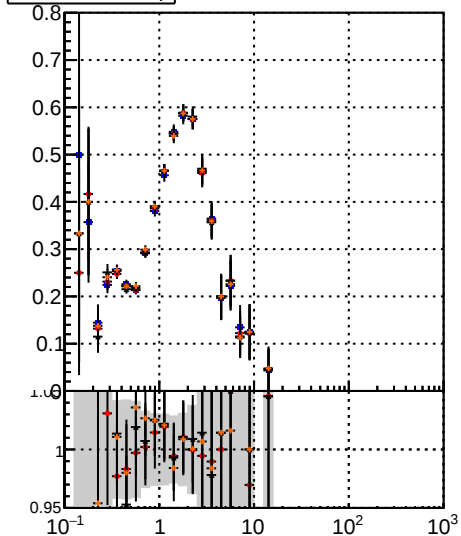
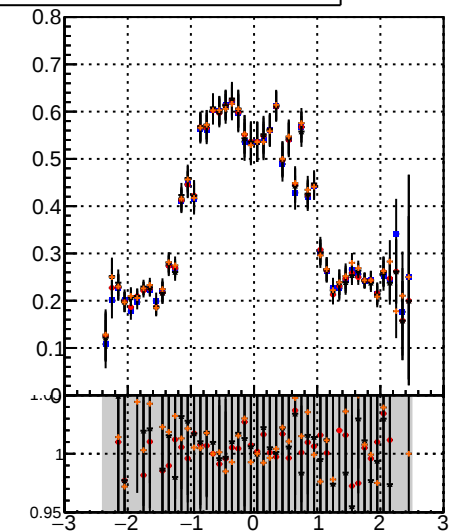
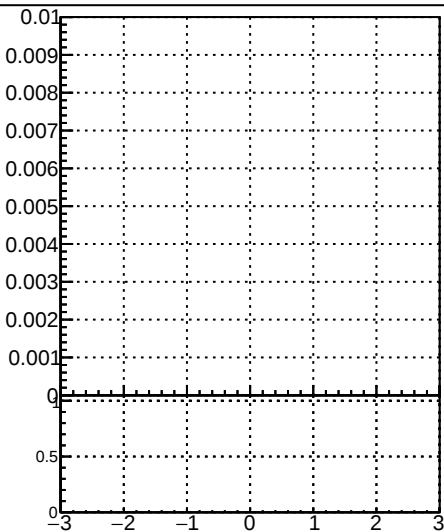
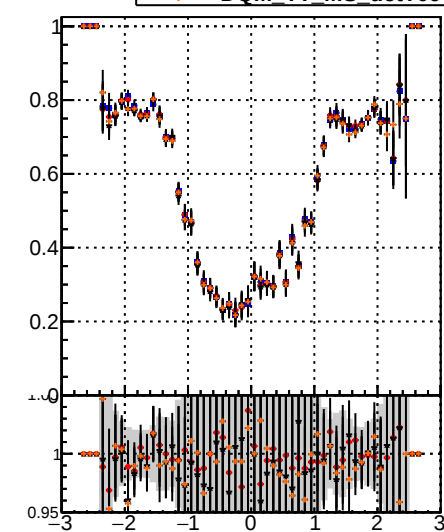
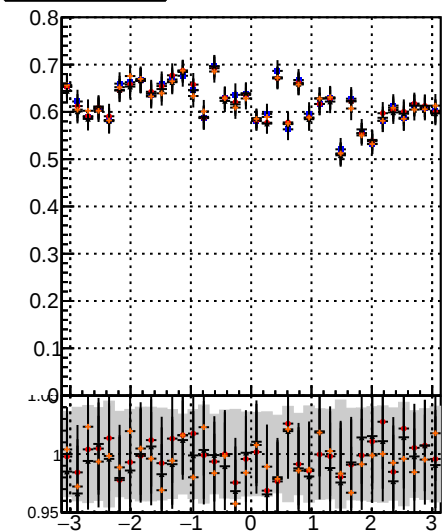
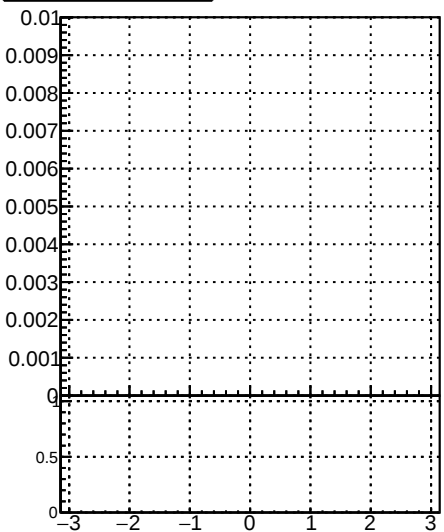


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

MS_{detT}
 MS_{detT1}
 MS_{detT09}

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