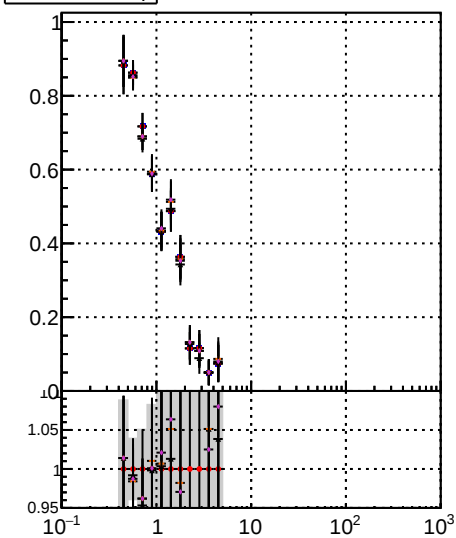
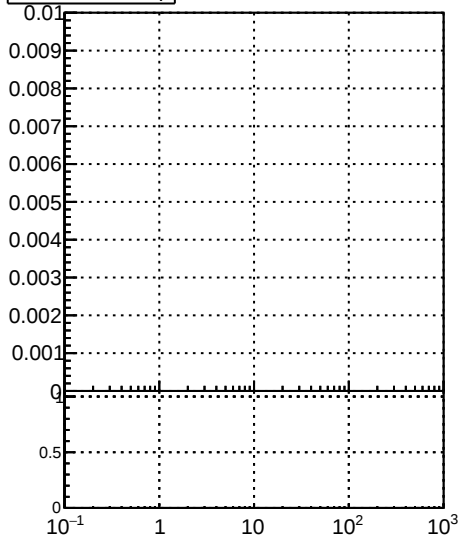
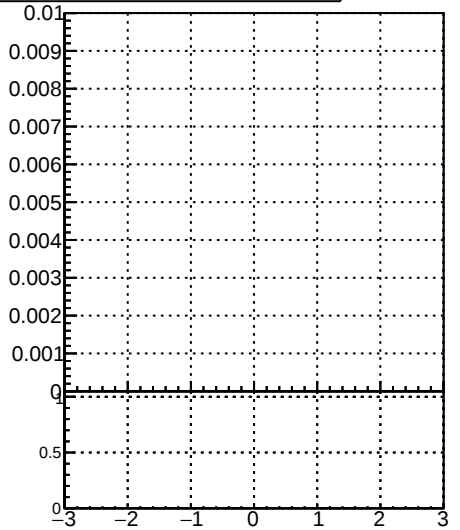
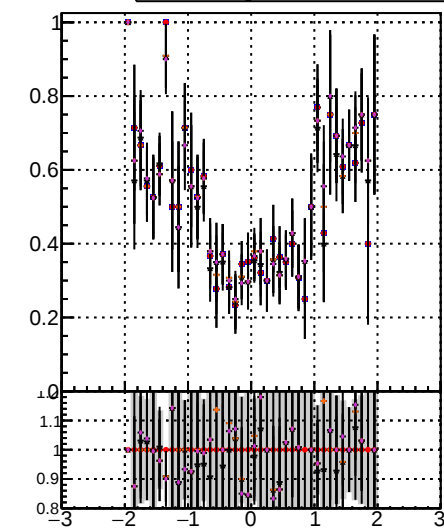
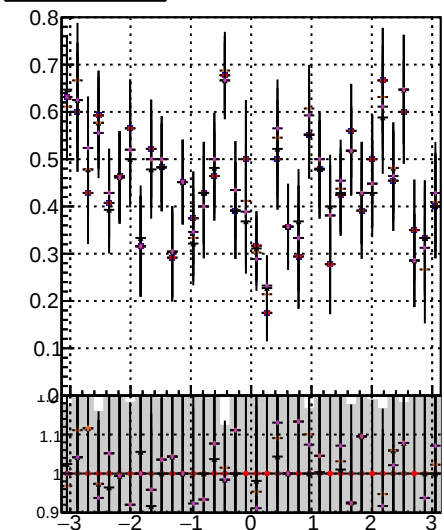
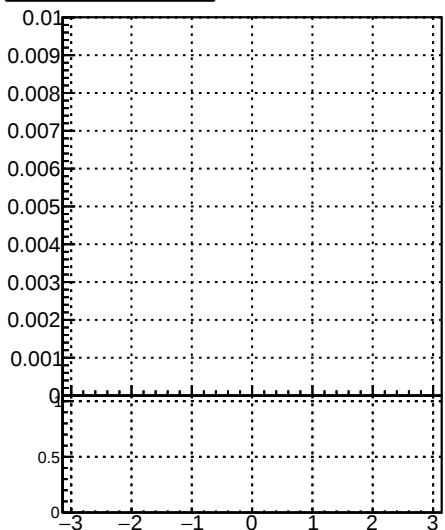


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

Legend:
 - $\bullet$ DQM original
 - $\circ$ DQM modified PL
 - $\times$ DQM modified PL New1
 - $\square$ DQM modified PL New2

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