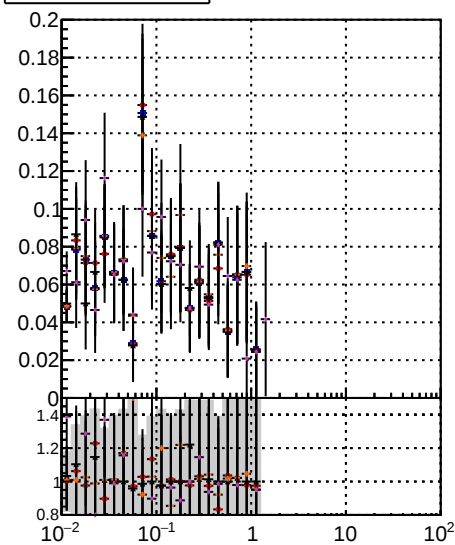
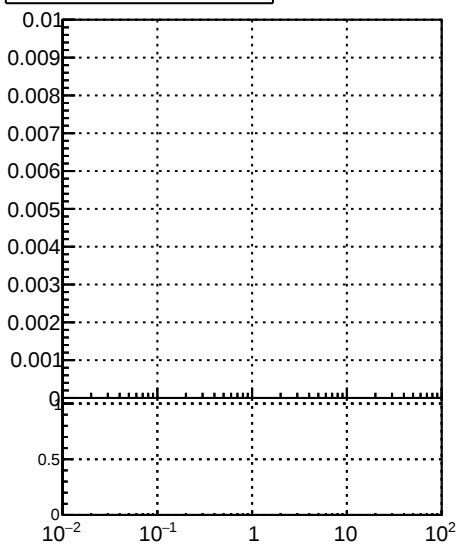


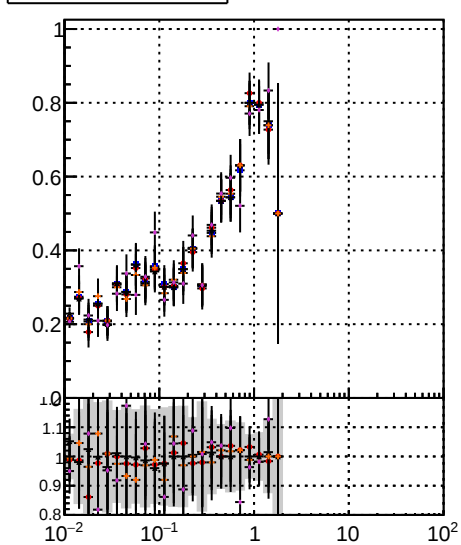
Fake rate vs vertpos



Duplicates Rate vs vertpos

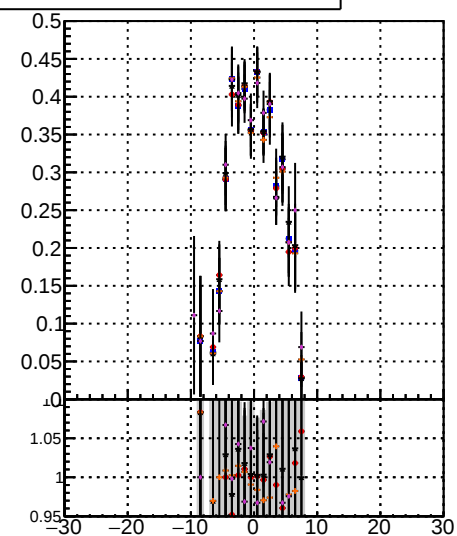
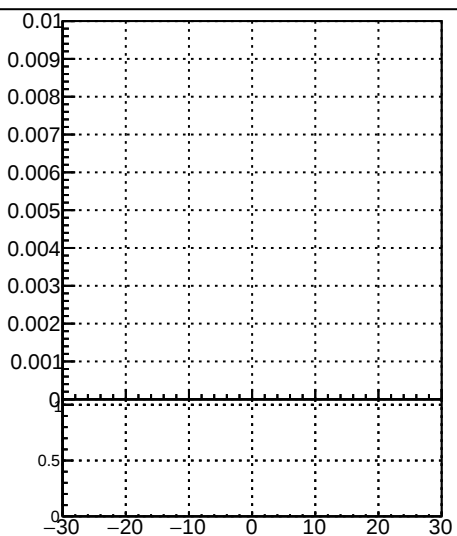
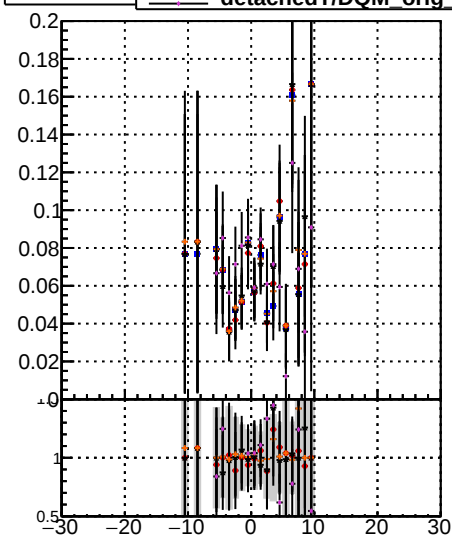


Pileup rate vs vertpos

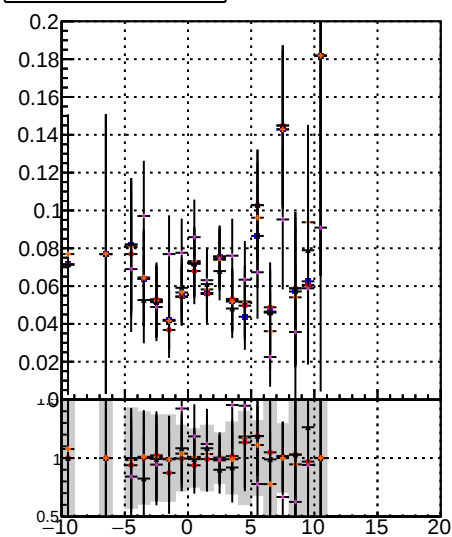


Orig/DQM_orig_MS
 higher ID/DQM_orig_MS
 detached ID/DQM_orig_MS
 detached NDQM_orig_MS

Fake rate vs v



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

