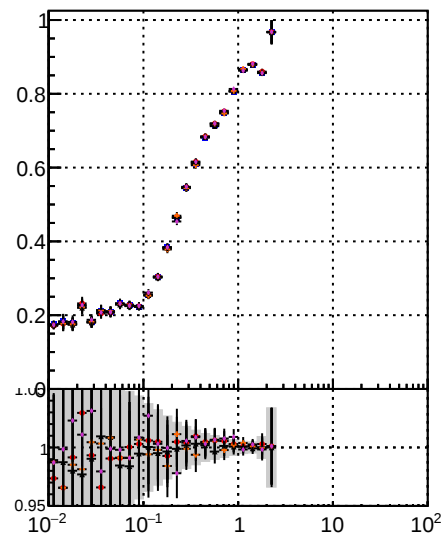
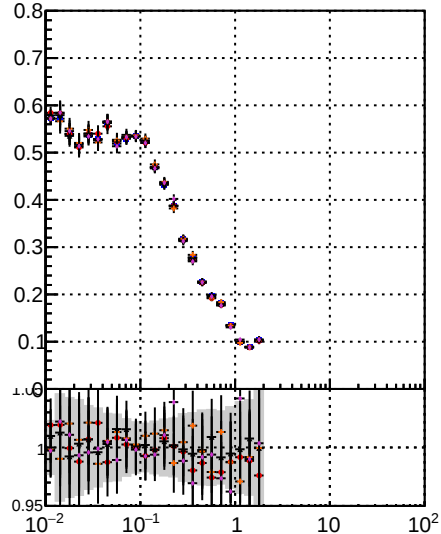


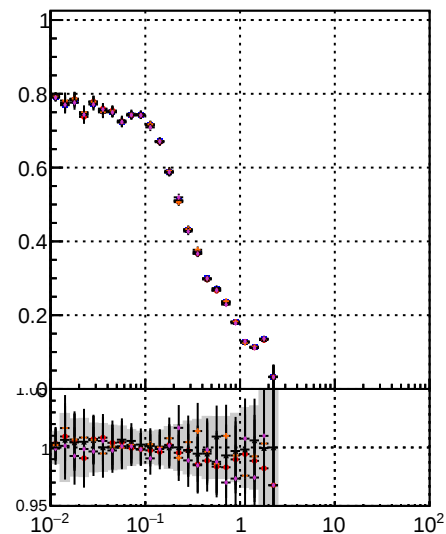
Fake rate vs vertpos



Duplicates Rate vs vertpos



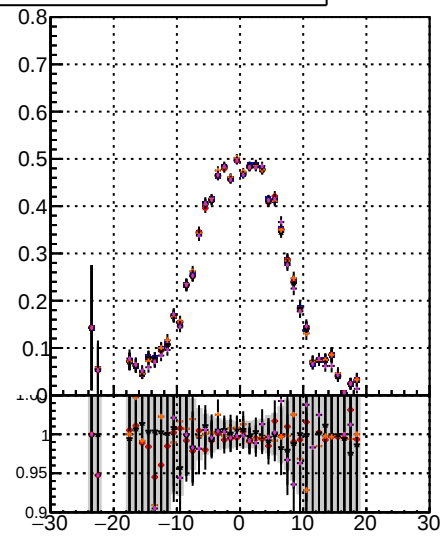
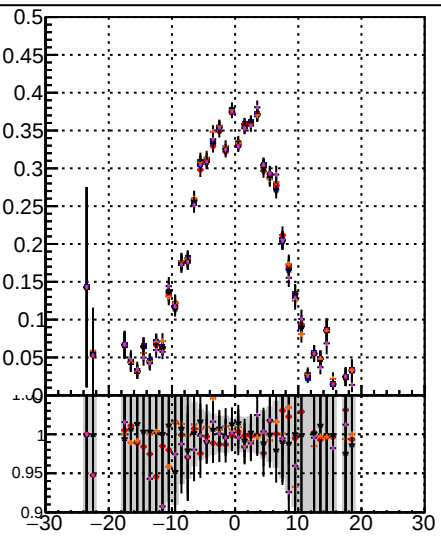
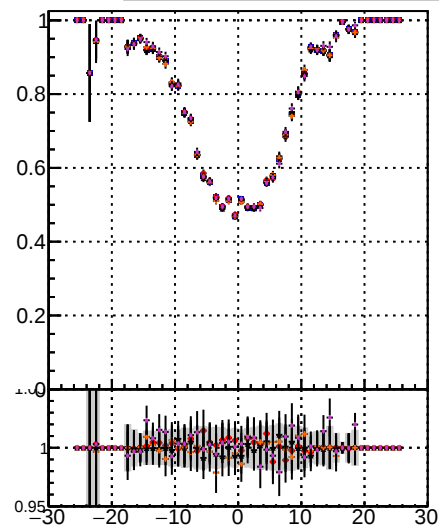
Pileup rate vs vertpos



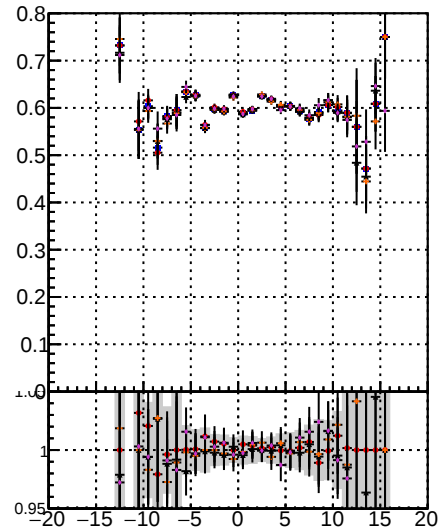
Legend:

- Orig/DQM_orig_MS (blue circles)
- higher ID/DQM_orig_MS (red circles)
- higher ID/DQM_orig_MS (orange circles)
- detached/DQM_orig_MS (purple circles)

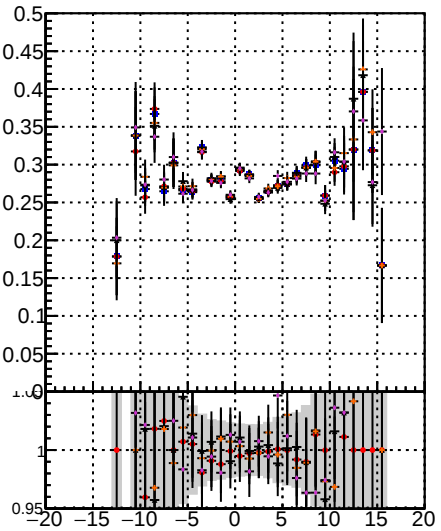
Fake rate vs v



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

