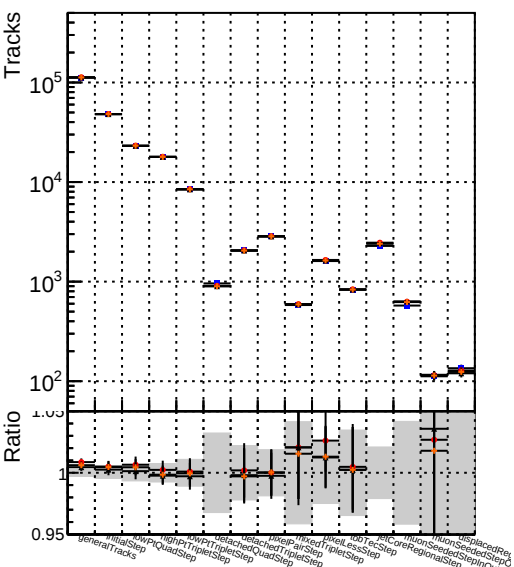
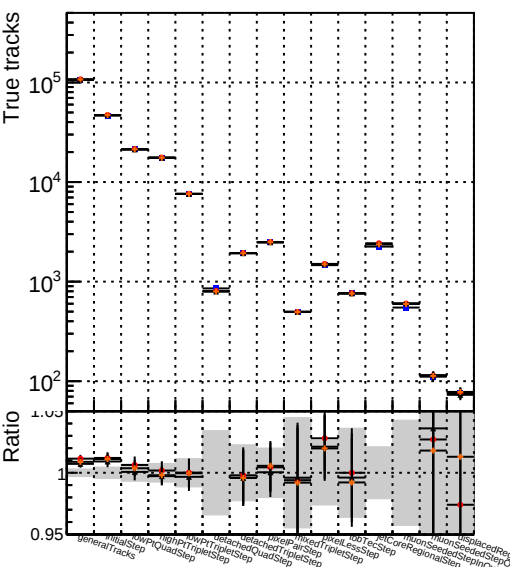


Number of tracks vs collection



Number of true tracks vs collection



Model	Modality	Model	Modality	Model	Modality	Model	Modality
DQM-TT	mod	modelsdeep	truthfinal	modelTEST-29			
DQM-TT	mod	modelsdeep	truthfinal	reg_altmodelTEST-29			
DQM-TT	mod	modelsdeep	truthfinal	reg_modelTEST-24			

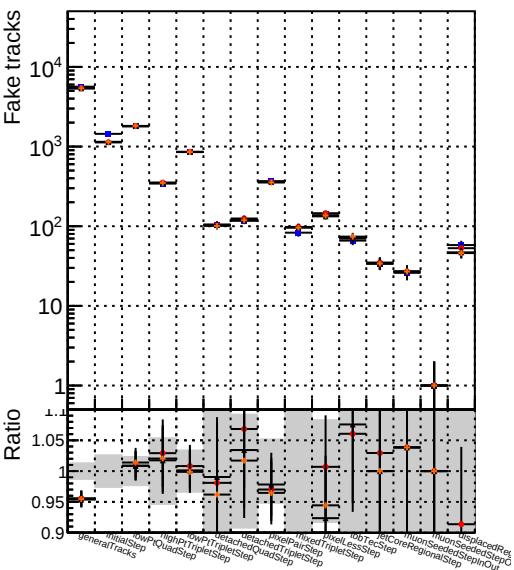


Figure 10 is a log-linear plot showing the ratio of duplicate tracks for various operations. The y-axis is labeled 'Ratio' and ranges from 0.95 to 10² on a logarithmic scale. The x-axis lists 16 operations, grouped into three categories: 'general tracks' (grey bars), 'detached tracks' (white bars), and 'replaced tracks' (white bars). The 'general tracks' group shows ratios significantly below 1.0, while the 'detached tracks' and 'replaced tracks' groups show ratios around 1.0.

Operation	Ratio (approx.)	Category
generalTracks	0.95	general tracks
insertStep	0.95	general tracks
deleteStep	0.95	general tracks
insertPQTracker	0.95	general tracks
deletePQTracker	0.95	general tracks
insertTripletStep	1.0	detached tracks
deleteTripletStep	1.0	detached tracks
insertPauses	1.0	detached tracks
deletePauses	1.0	detached tracks
insertLessStep	1.0	replaced tracks
deleteLessStep	1.0	replaced tracks
insertRCOrderRegionalStep	1.0	replaced tracks
deleteRCOrderRegionalStep	1.0	replaced tracks
insertSeedStep	1.0	replaced tracks
deleteSeedStep	1.0	replaced tracks
insertRCOrderRegionalStep	1.0	replaced tracks
deleteRCOrderRegionalStep	1.0	replaced tracks
insertSeedStep	1.0	replaced tracks
deleteSeedStep	1.0	replaced tracks
insertRCOrderRegionalStep	1.0	replaced tracks
deleteRCOrderRegionalStep	1.0	replaced tracks
insertSeedStep	1.0	replaced tracks
deleteSeedStep	1.0	replaced tracks
insertRCOrderRegionalStep	1.0	replaced tracks
deleteRCOrderRegionalStep	1.0	replaced tracks
insertSeedStep	1.0	replaced tracks
deleteSeedStep	1.0	replaced tracks
insertRCOrderRegionalStep	1.0	replaced tracks
deleteRCOrderRegionalStep	1.0	replaced tracks
insertSeedStep	1.0	replaced tracks
deleteSeedStep	1.0	replaced tracks
insertRCOrderRegionalStep	1.0	replaced tracks
deleteRCOrderRegionalStep	1.0	replaced tracks
insertSeedStep	1.0	replaced tracks
deleteSeedStep	1.0	replaced tracks
insertRCOrderRegionalStep	1.0	replaced tracks
deleteRCOrderRegionalStep	1.0	replaced tracks
insertSeedStep	1.0	replaced tracks
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insertSeedStep	1.0	replaced tracks
deleteSeedStep	1.0	replaced tracks
insertRCOrderRegionalStep	1.0	replaced tracks
deleteRCOrderRegionalStep	1.0	replaced tracks
insertSeedStep	1.0	replaced tracks
deleteSeedStep	1.0	replaced tracks
insertRCOrderRegionalStep	1.0	replaced tracks

Number of pileup tracks vs collection

