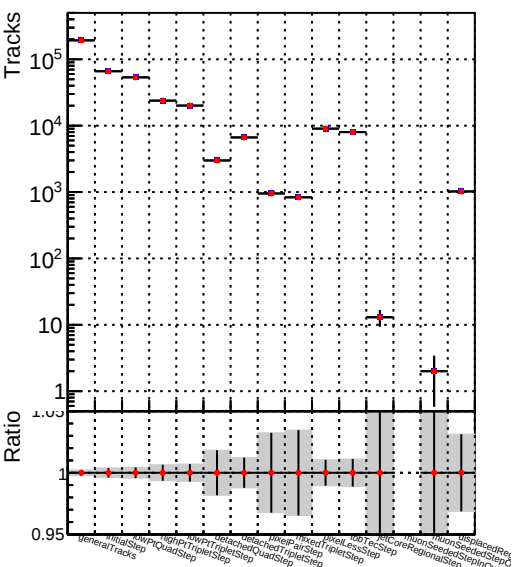
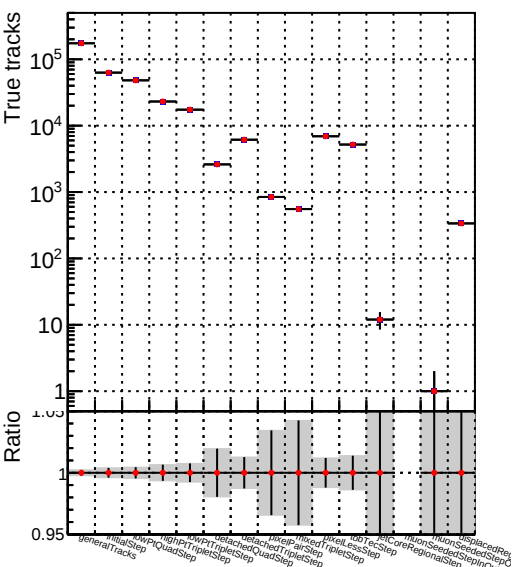


Number of tracks vs collection



Number of true tracks vs collection



Number —●— DQM_TT_modified_time

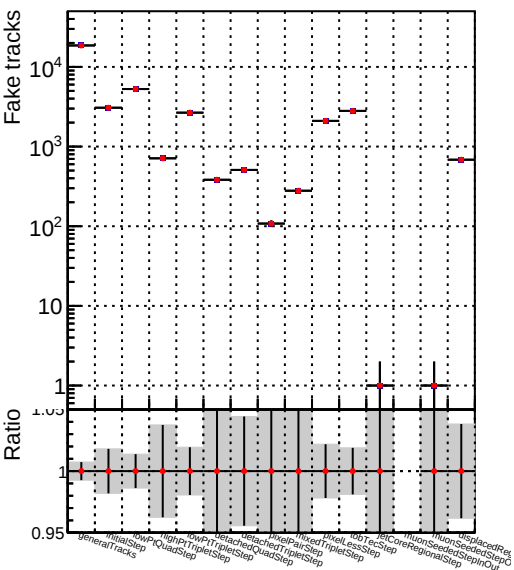


Figure 1 is a log-linear plot showing the ratio of duplicate tracks to total tracks for various steps in the pipeline. The y-axis is labeled 'Duplicate tracks' and ranges from 10⁰ to 10⁴. The x-axis is labeled 'Ratio' and ranges from 0.95 to 1.05. The plot shows that the ratio is generally close to 1.0, with some steps showing higher ratios (up to 10⁴) and others showing lower ratios (down to 10⁻¹).

Step	Ratio (approx.)
GeneralTracks	1.0
InitialStep	1.0
PreQCStep	1.0
AlignStep	1.0
VariantCallingStep	1.0
VariantFilteringStep	1.0
VariantAnnotationStep	1.0
VariantExportStep	1.0
VariantImportStep	1.0
VariantMergeStep	1.0
VariantSplitStep	1.0
VariantCompareStep	1.0
VariantVisualizeStep	1.0
VariantArchiveStep	1.0
VariantQueryStep	1.0
VariantReportStep	1.0
VariantExportStep	1.0
VariantImportStep	1.0
VariantMergeStep	1.0
VariantSplitStep	1.0
VariantCompareStep	1.0
VariantVisualizeStep	1.0
VariantArchiveStep	1.0
VariantQueryStep	1.0
VariantReportStep	1.0
VariantExportStep	1.0
VariantImportStep	1.0
VariantMergeStep	1.0
VariantSplitStep	1.0
VariantCompareStep	1.0
VariantVisualizeStep	1.0
VariantArchiveStep	1.0
VariantQueryStep	1.0
VariantReportStep	1.0
VariantExportStep	1.0
VariantImportStep	1.0
VariantMergeStep	1.0
VariantSplitStep	1.0
VariantCompareStep	1.0
VariantVisualizeStep	1.0
VariantArchiveStep	1.0
VariantQueryStep	1.0
VariantReportStep	1.0
VariantExportStep	1.0
VariantImportStep	1.0
VariantMergeStep	1.0
VariantSplitStep	1.0
VariantCompareStep	1.0
VariantVisualizeStep	1.0
VariantArchiveStep	1.0
VariantQueryStep	1.0
VariantReportStep	1.0
VariantExportStep	1.0
VariantImportStep	1.0
VariantMergeStep	1.0
VariantSplitStep	1.0
VariantCompareStep	1.0
VariantVisualizeStep	1.0
VariantArchiveStep	1.0
VariantQueryStep	1.0
VariantReportStep	1.0
VariantExportStep	1.0
VariantImportStep	1.0
VariantMergeStep	1.0
VariantSplitStep	1.0
VariantCompareStep	1.0
VariantVisualizeStep	1.0
VariantArchiveStep	1.0
VariantQueryStep	1.0
VariantReportStep	1.0
VariantExportStep	1.0
VariantImportStep	1.0
VariantMergeStep	1.0
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VariantCompareStep	1.0
VariantVisualizeStep	1.0
VariantArchiveStep	1.0
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VariantVisualizeStep	1.0
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VariantQueryStep	1.0
VariantReportStep	1.0
VariantExportStep	1.0
VariantImportStep	1.0
VariantMergeStep	1.0
VariantSplitStep	1.0
VariantCompareStep	1.0
VariantVisualizeStep	1.0
VariantArchiveStep	1.0
VariantQueryStep	1.0
VariantReportStep	1.0
VariantExport	

Number of pileup tracks vs collection

