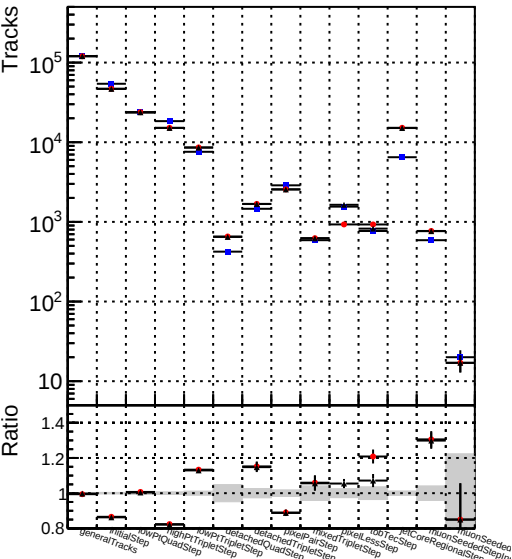
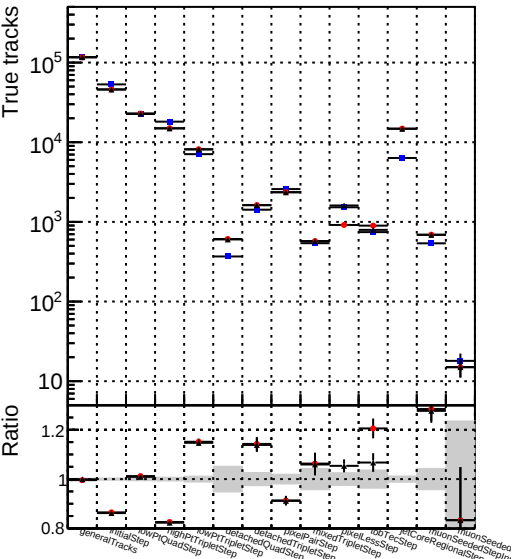


Number of tracks vs collection



Number of true tracks vs collection



Number

- DQMstep3_SMS_CKF
- DQMstep3_SMS_default
- DQMstep3_SMS_ckfPixelLess

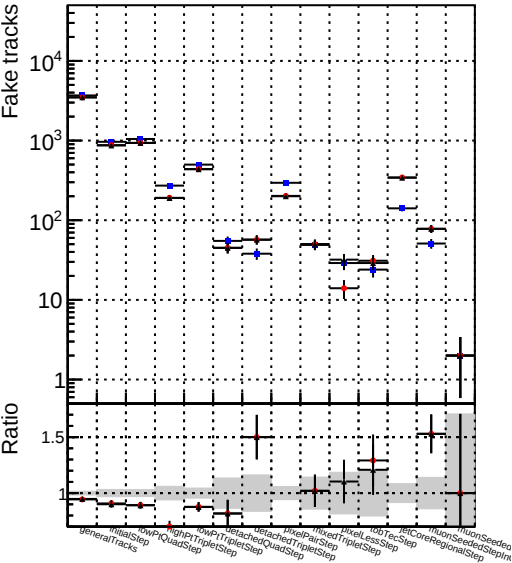


Figure 1 is a log-linear plot showing the ratio of duplicate tracks for various steps in the pipeline. The y-axis is labeled 'Ratio' and ranges from 0.7 to 100 on a logarithmic scale. The x-axis lists the steps: GeneralTracks, InitialStep, WpStep, WpQuasiStep, HighPITripleStep, DisconnectedQuasiStep, TouchedTripleStep, HighPairStep, TripleTripleStep, PileLessStep, WpTeeStep, WpCoreStep, RegionalStep, WpSeedStep, and WpSeedStepPinning. The plot shows that the ratio is generally close to 1.0, with some steps showing higher ratios (up to ~100) and others showing lower ratios (down to ~0.7). The 'GeneralTracks' step has a ratio of approximately 100. The 'InitialStep' step has a ratio of approximately 6. The 'WpStep' step has a ratio of approximately 2. The 'WpQuasiStep' step has a ratio of approximately 4. The 'HighPITripleStep' step has a ratio of approximately 6. The 'DisconnectedQuasiStep' step has a ratio of approximately 2. The 'TouchedTripleStep' step has a ratio of approximately 4. The 'HighPairStep' step has a ratio of approximately 2. The 'TripleTripleStep' step has a ratio of approximately 2. The 'PileLessStep' step has a ratio of approximately 1. The 'WpTeeStep' step has a ratio of approximately 1. The 'WpCoreStep' step has a ratio of approximately 1. The 'RegionalStep' step has a ratio of approximately 1. The 'WpSeedStep' step has a ratio of approximately 1. The 'WpSeedStepPinning' step has a ratio of approximately 1.

Number of pileup tracks vs collection

