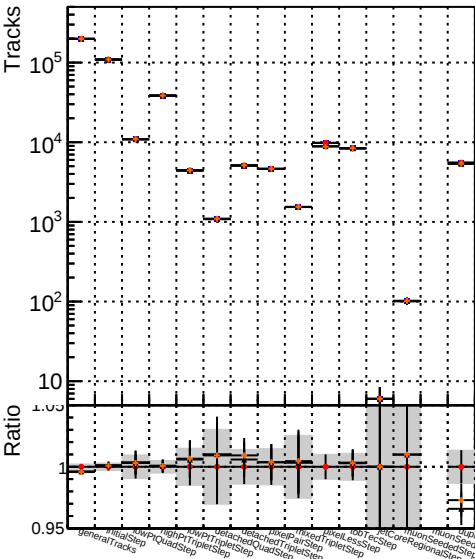
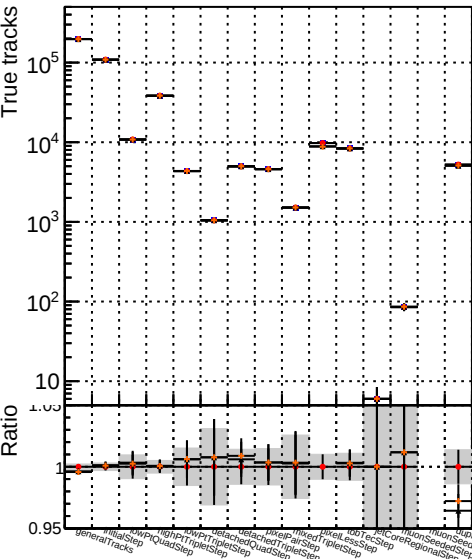


Number of tracks vs collection



Number of true tracks vs collection



Number	Legend
	—★— DQM_XiMinus_original_pLess
	—+— DQM_XiMinus_newbranch_pLess

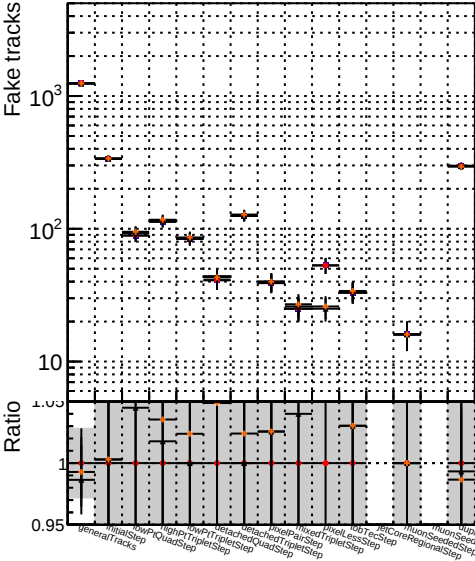


Figure 1 is a log-log plot showing the ratio of duplicate tracks to total tracks for various methods. The y-axis is labeled 'Ratio' and ranges from 0.95 to 10³. The x-axis lists the methods: generalTracks, initialStep, highP11Step, highP11QuadStep, detachedP11Step, detachedP11QuadStep, joinedP11Step, joinedP11QuadStep, mbLessStep, mbLessQuadStep, mbCoreStep, mbCoreQuadStep, mbSeesStep, and mbSeesQuadStep. The plot shows that most methods have a ratio close to 1.0, indicating minimal duplication. However, the 'mbLessStep' method shows a significantly higher ratio, around 20, which is highlighted by a red cross. The 'mbLessQuadStep' method also shows a ratio slightly above 1.0. The 'mbCoreStep' and 'mbCoreQuadStep' methods show ratios slightly below 1.0. The 'mbSeesStep' and 'mbSeesQuadStep' methods show ratios very close to 1.0. The 'generalTracks' method shows a ratio slightly above 1.0. The 'initialStep' method shows a ratio slightly below 1.0. The 'highP11Step' and 'highP11QuadStep' methods show ratios slightly above 1.0. The 'detachedP11Step' and 'detachedP11QuadStep' methods show ratios slightly above 1.0. The 'joinedP11Step' and 'joinedP11QuadStep' methods show ratios slightly above 1.0.

Number of pileup tracks vs collection

