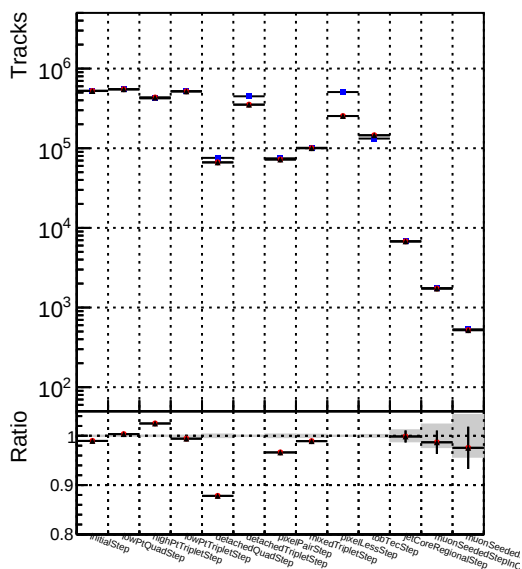
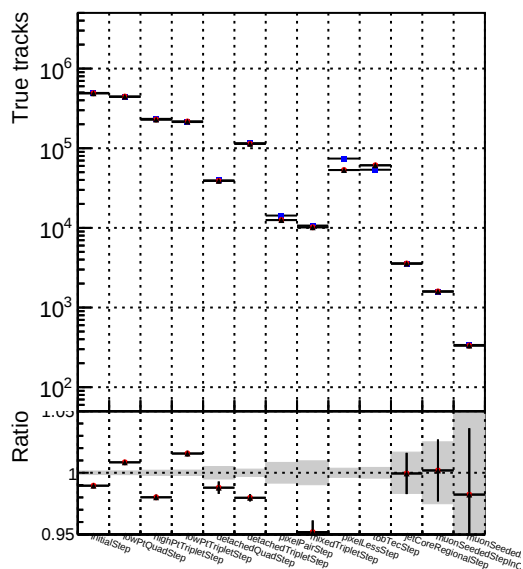


Number of tracks vs collection



Number of true tracks vs collection



Number	
	DQM_V0001_R000000001_Global_cmssw1000time_RECO
	DQM_V0001_R000000001_Global_mkFitNewOLD1000time_RECO
	DQM_V0001_R000000001_Global_mkFitNewDUP1000time_RECO

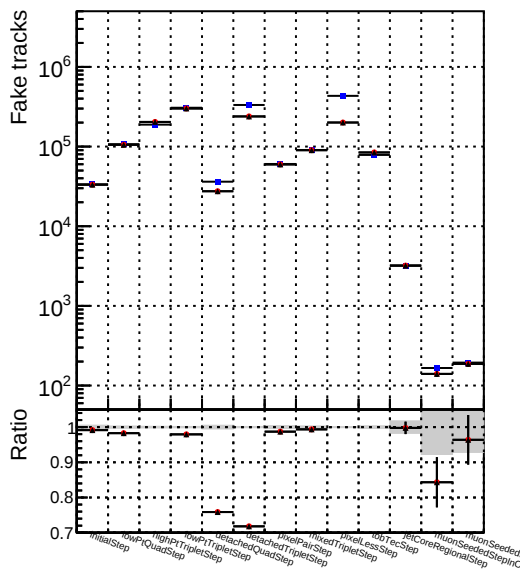


Figure 1 is a log-log plot showing the duplicate tracks (Y-axis, logarithmic scale from 10¹ to 10⁴) versus the ratio (bottom Y-axis, linear scale from 0.8 to 1.2) for various steps in the Higgs boson search. The X-axis lists the steps: InitialStep, FirstPTQuadStep, HighPTTripleStep, DisconnectedQuadStep, DisconnectedTripleStep, PixelPairStep, InvertedTripleStep, PixelLessStep, RecStep, JetCoreStep, RegionalStep, NonSeededStep, and NonSeededStepInc. The plot shows that the duplicate tracks generally increase as the steps progress, with a significant jump around the DisconnectedTripleStep. The ratio values are mostly close to 1.0, indicating a consistent level of duplication across the steps.

Number of pileup tracks vs collection

