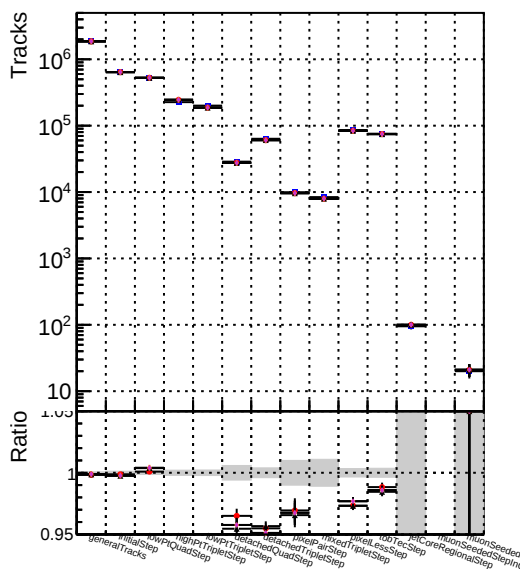
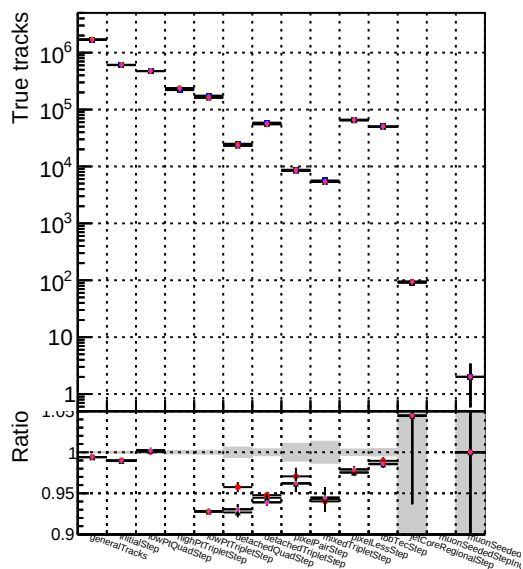


Number of tracks vs collection



Number of true tracks vs collection



Number	→	DQM mkFit TTNEWHSMS95_ALLITERS-106
	→	DQM mkFit TTNEWHSMS50_ALLITERS-106
	→	DQM mkFit TTNEWHSMS100_ALLITERS-106

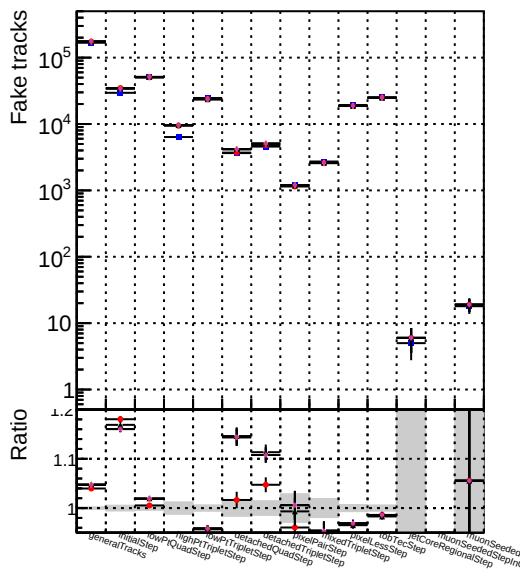


Figure 1 consists of two panels. The top panel is a log-scale plot showing the number of duplicate tracks for 14 methods. The y-axis is labeled 'Duplicate tracks' and ranges from 10^0 to 10^5 . The x-axis lists the methods: GeneralTracks, MultiStep, HiPPI, HiPPIQuadStep, HiPPITripleStep, HiPPITripleLessStep, TripleStep, TripleLessStep, TripleLessStep, TripleLessStep, TripleLessStep, TripleLessStep, TripleLessStep, TripleLessStep, and TripleLessStep. The bottom panel is a linear-scale plot showing the ratio of duplicate tracks for the same methods. The y-axis is labeled 'Ratio' and ranges from 0.8 to 1.4. The x-axis lists the methods: GeneralTracks, MultiStep, HiPPI, HiPPIQuadStep, HiPPITripleStep, HiPPITripleLessStep, TripleStep, TripleLessStep, TripleLessStep, TripleLessStep, TripleLessStep, TripleLessStep, TripleLessStep, and TripleLessStep. In both panels, 'GeneralTracks' has the highest duplicate count, while 'TripleStep' and 'TripleLessStep' have the lowest. The bottom panel shows that most methods have a ratio close to 1.0, with 'GeneralTracks' being significantly higher and 'TripleStep' being slightly lower.

Number of pileup tracks vs collection

