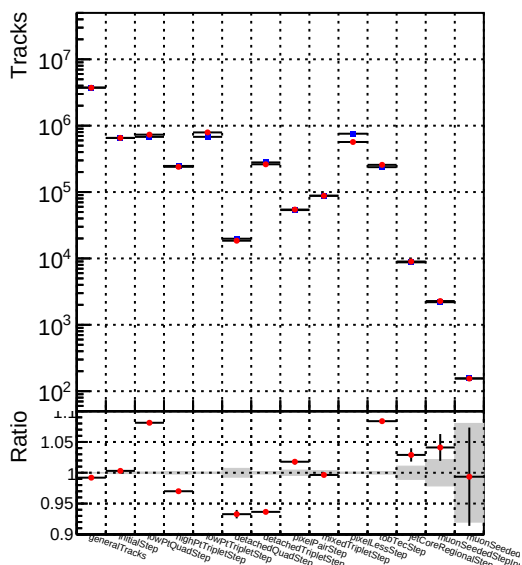
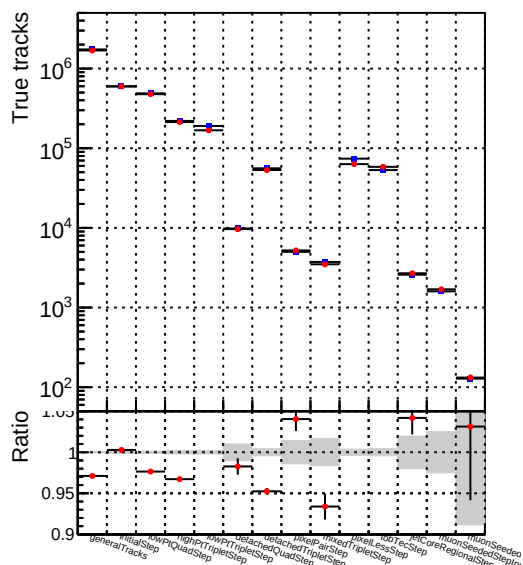


Number of tracks vs collection



Number of true tracks vs collection



Number	Model	Epochs	Loss	Accuracy	Validation Loss	Validation Accuracy	Notes
1	DQM mkFit TT_retrainOldFiles v2 8iter2 noSel	8	0.0000	0.0000	0.0000	0.0000	

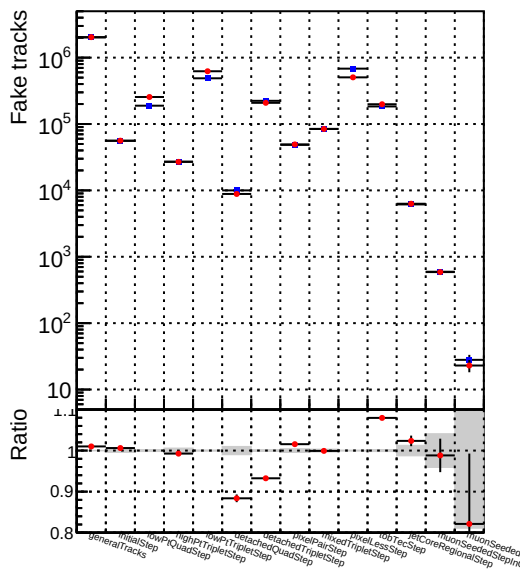


Figure 1 consists of two panels. The top panel is a log-scale scatter plot showing the number of duplicate tracks for 15 methods. The y-axis is labeled 'Duplicate tracks' and ranges from 10^0 to 10^5 . The x-axis lists the methods: generalTracks, MultiStep, highPT, highPTQuadStep, highPTTripleStep, detachedQuadStep, detachedTripleStep, WholePairStep, TripleStep, TripleLessStep, TripleLessStep, TripleLessStep, TripleLessStep, TripleLessStep, TripleLessStep, TripleLessStep. The bottom panel is a linear-scale bar chart showing the ratio of duplicate tracks for the same methods. The y-axis is labeled 'Ratio' and ranges from 0.8 to 1.4. A horizontal line at Ratio = 1.0 indicates the baseline. The bars are grey, and the error bars are black. The 'WholePairStep' method shows a significantly higher ratio, around 1.25, and a much higher number of duplicate tracks, around 10^4 .

Number of pileup tracks vs collection

