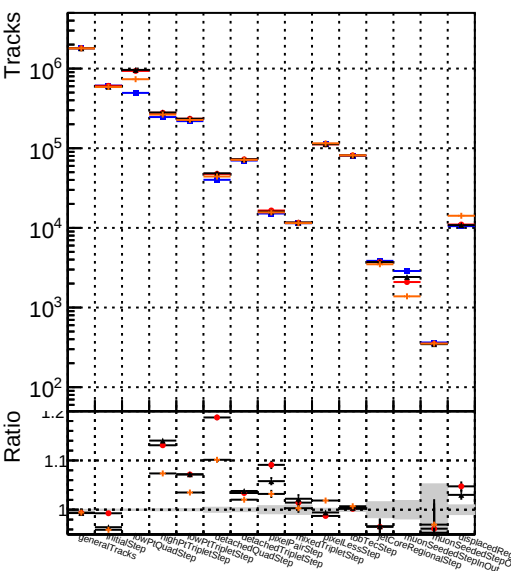
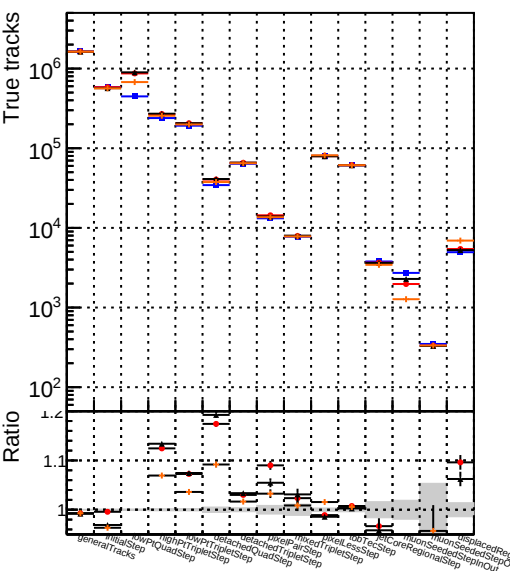


Number of tracks vs collection



Number of true tracks vs collection



Number

- DQM_original4
- DQM_testMkFit_initialStepReso
- DQM_testMkFitFit_initialStepReso
- DQM_testMkFitFit_initialStepReso_Chi2Zero

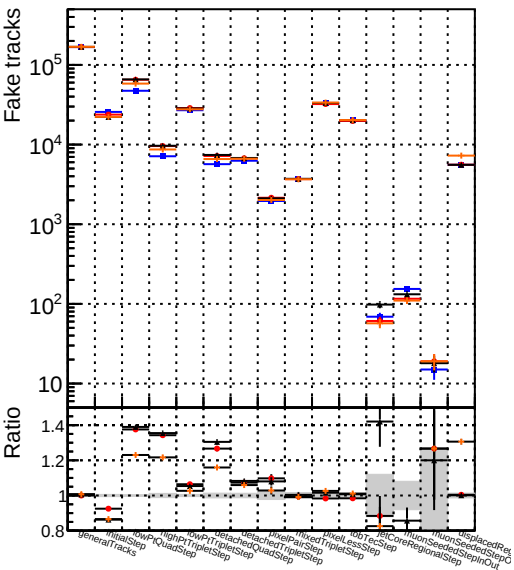


Figure 1 consists of two panels, (a) and (b), showing the ratio of duplicate tracks for various combinations of input and output tracks. The x-axis for both panels lists 16 combinations of input and output tracks. The y-axis for panel (a) is 'Duplicate tracks' on a logarithmic scale from 10^0 to 10^5 . The y-axis for panel (b) is 'Ratio' on a linear scale from 0.8 to 1.4. The legend indicates that red lines represent 'Input' and blue lines represent 'Output'.

Panel (a) shows the ratio of duplicate tracks for various combinations of input and output tracks. The ratios are generally high, ranging from approximately 10^1 to 10^5 . The ratios for 'Input' (red) and 'Output' (blue) are very close for most combinations, indicating that the duplicate tracks are primarily determined by the input tracks.

Panel (b) shows the ratio of duplicate tracks for various combinations of input and output tracks. The ratios are generally close to 1.0, ranging from approximately 0.8 to 1.4. The ratios for 'Input' (red) and 'Output' (blue) are very close for most combinations, indicating that the duplicate tracks are primarily determined by the input tracks.

Number of pileup tracks vs collection

