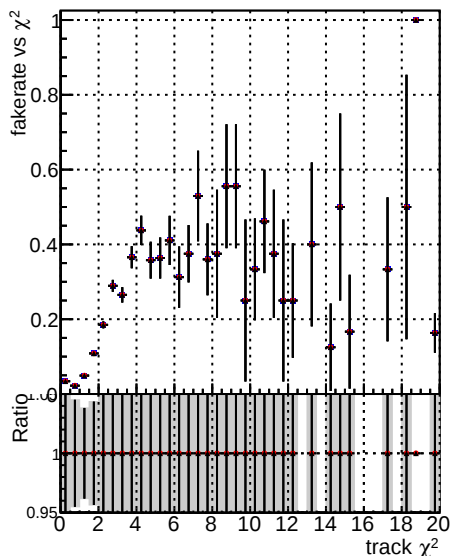
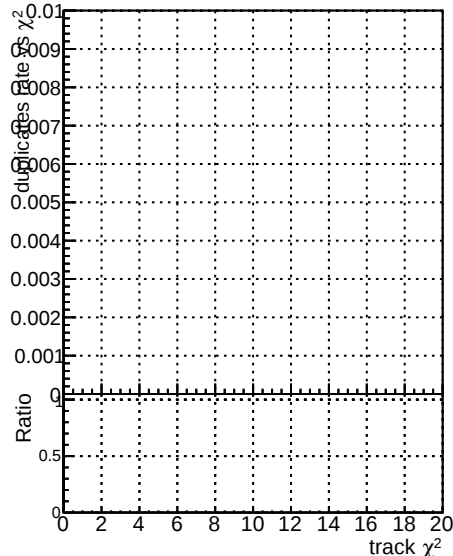


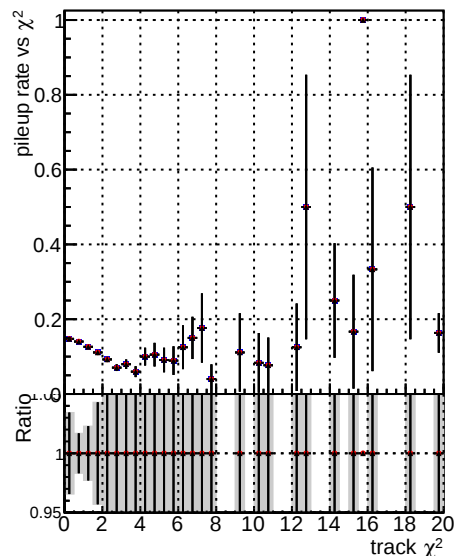
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs.  DOM-CKE TT retrainOldFiles113 noSel

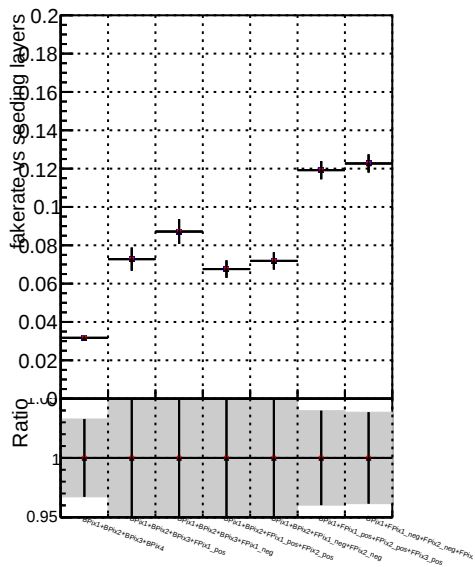


Figure 1 consists of two vertically stacked plots sharing a common x-axis. The x-axis labels represent different combinations of seeding layers: {1}, {1,2}, {1,2,3}, {1,2,3,4}, {1,2,3,4,5}, {1,2,3,4,5,6}, {1,2,3,4,5,6,7}, {1,2,3,4,5,6,7,8}, {1,2,3,4,5,6,7,8,9}, and {1,2,3,4,5,6,7,8,9,10}.

The top plot shows the 'pileup rate vs seeding layers' on the y-axis, ranging from 0.0 to 0.5. Data points are shown as black dots with vertical error bars. The pileup rate starts at approximately 0.10 for {1} and increases to about 0.21 for {1,2,3,4,5,6,7,8,9,10}.

The bottom plot shows the 'Ratio' on the y-axis, ranging from 0.95 to 1.05. The ratio is calculated as the pileup rate for a given layer set divided by the pileup rate for the {1,2,3,4} layer set. Most ratios are close to 1.0, with some deviations for specific layer sets like {1,2,3,4} (ratio ~0.98) and {1,2,3,4,5} (ratio ~1.02).