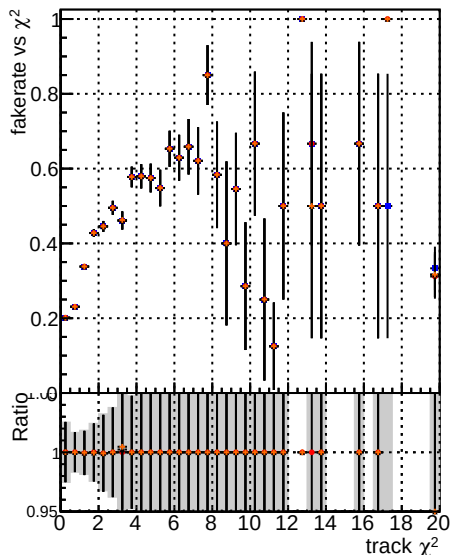
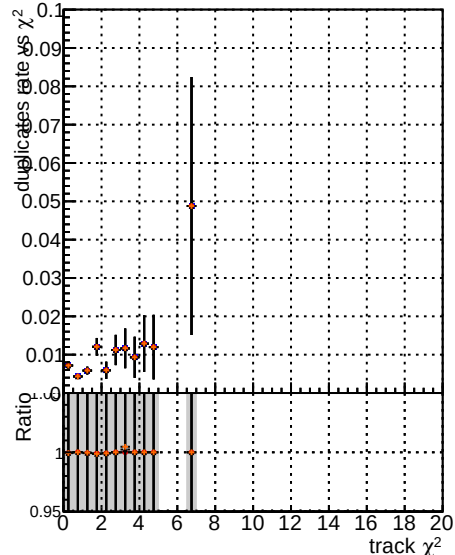


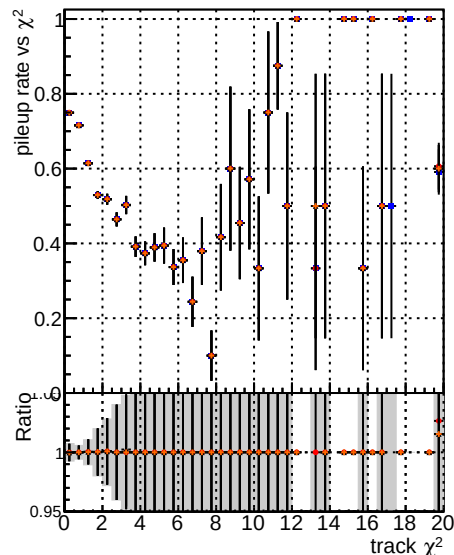
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs. 

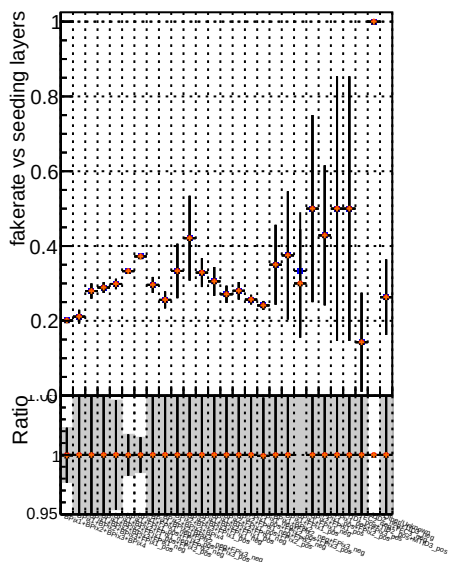
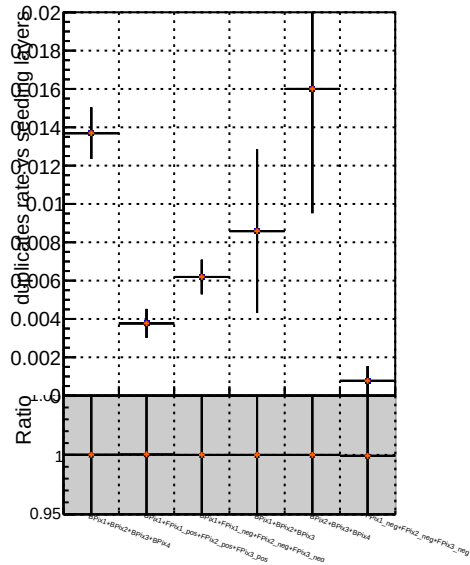


Figure 1 is a plot showing the ratio of the number of replicates to the number of seeds for different combinations of the number of replicates (R) and the number of seeds (S). The x-axis is labeled 'Replicates' and the y-axis is labeled 'Seeds'. The plot shows a grid of points with error bars, indicating the ratio of the number of replicates to the number of seeds for each combination of R and S . The ratio is generally close to 1.0, with some variation depending on the combination of R and S .



The figure consists of two vertically stacked panels sharing a common x-axis representing the number of seeding layers (0 to 8).
 Top Panel: Y-axis is 'pileup rate vs seeding layers' ranging from 0.2 to 1.0. Data points are shown as red circles with vertical error bars. The rate starts at approximately 0.75 for 0 seeding layers and generally decreases to about 0.55 for 8 seeding layers.
 Bottom Panel: Y-axis is 'Ratio' ranging from 0.95 to 1.0. Data points are shown as black vertical bars. A horizontal orange line is drawn at Ratio = 1.0. All data points are clustered around this line, indicating the ratio is consistently near 1.0.

