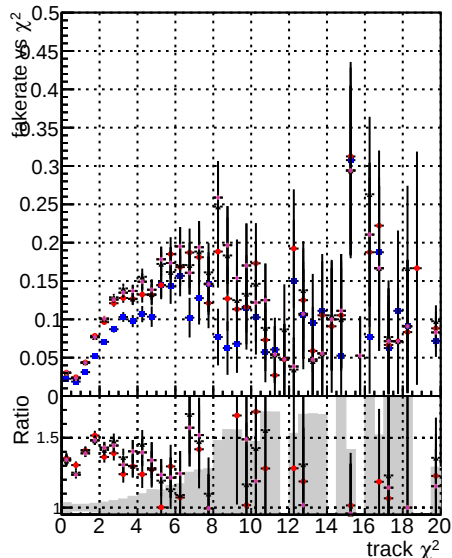
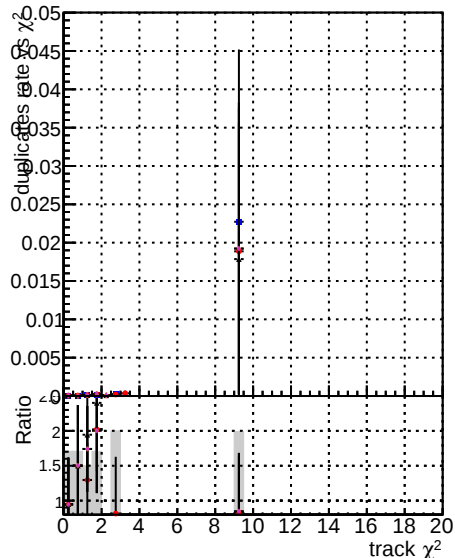


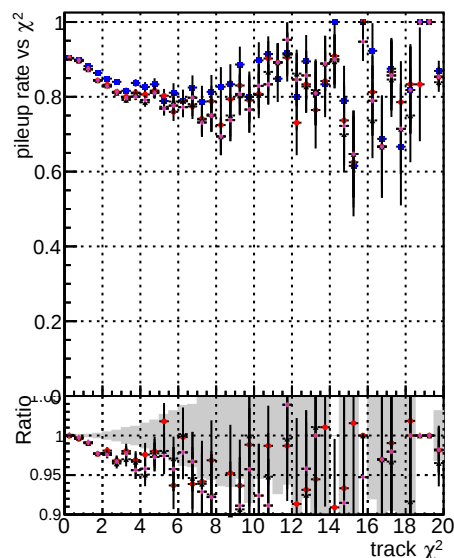
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs.

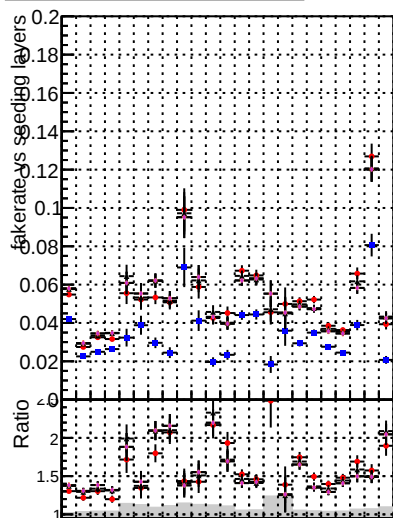


Figure 1 is a plot showing the ratio of the number of seeds to the number of clones for different values of the parameter α . The x-axis is labeled α and ranges from 0.0 to 1.0. The y-axis is labeled 'Ratio' and ranges from 0.0 to 1.5. The plot shows a series of data points with error bars, representing the ratio of seeds to clones for different values of α . The ratio is generally low, with a notable peak around $\alpha = 0.6$.

