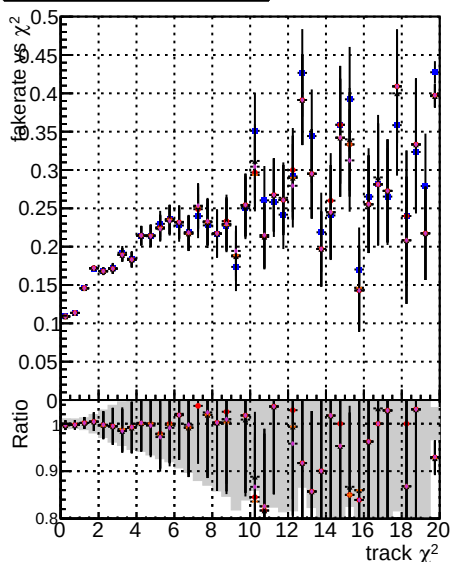
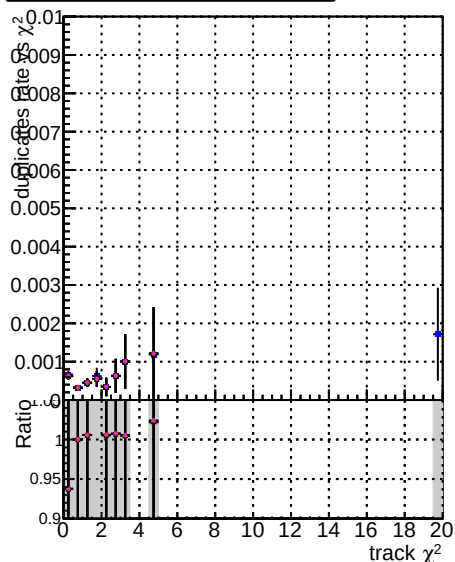


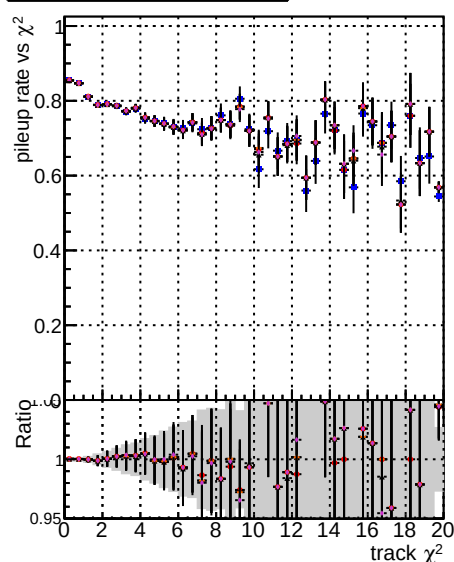
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs.

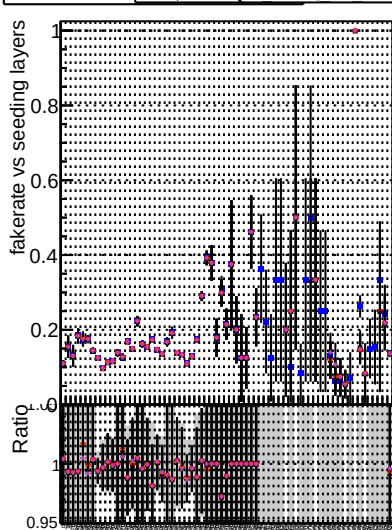


Figure 1 is a plot showing the ratio of the number of gates to the number of qubits versus the number of qubits. The x-axis is labeled "Qubits" and ranges from 100 to 1000. The y-axis is labeled "Ratio" and ranges from 0.95 to 0.01. The plot shows a decreasing trend in the ratio as the number of qubits increases. Data points are shown for various qubit counts, with error bars indicating uncertainty. The ratio starts around 0.001 for 100 qubits and decreases to approximately 0.0001 for 1000 qubits.