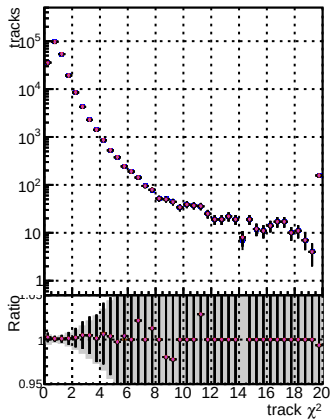


N of reco track vs normalized χ^2



N of associated (recoToSim) tracks vs normalized χ^2

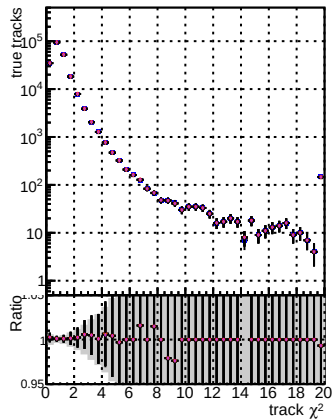
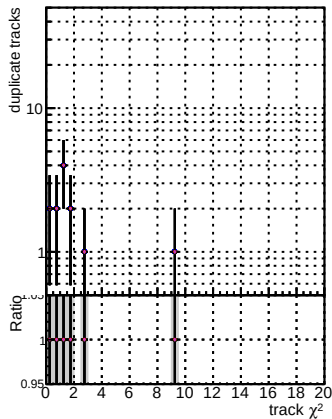
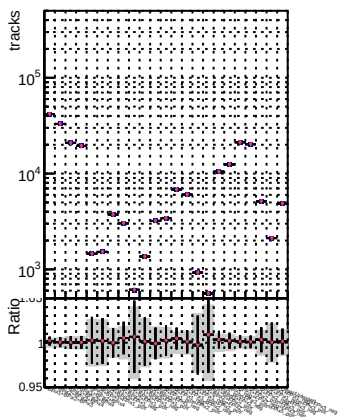


Figure 1 consists of two panels sharing a common x-axis labeled 'track χ^2 ' ranging from 0 to 20. The top panel's y-axis is labeled 'fake tracks' on a logarithmic scale from 10^0 to 10^3 . It shows data points with error bars that decrease as χ^2 increases. The bottom panel's y-axis is labeled 'Ratio' on a linear scale from 0.95 to 1.0. It shows the same data points with error bars, with a horizontal line at Ratio = 1.0. The data points in the bottom panel are mostly below 1.0, indicating a ratio less than 1.0 for most χ^2 values.

N of associated (recoToSim) looper tracks vs normalized χ^2



N of reco track vs. s

[illegible]