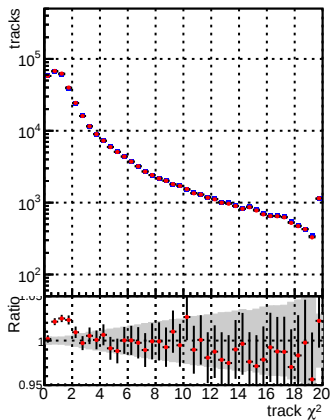


N of reco track vs normalized χ^2



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

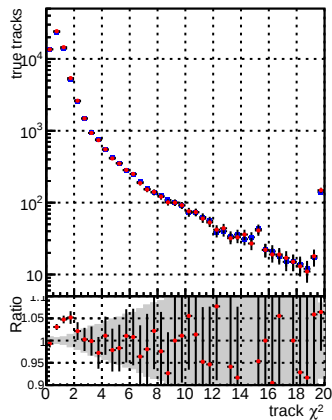


Figure 1 consists of two panels. The top panel is a log-linear plot of 'fake tracks' (y-axis, logarithmic scale from 10^2 to 10^5) versus 'track χ^2 ' (x-axis, linear scale from 0 to 20). The data points are red circles with error bars, showing a decreasing trend from approximately 4×10^4 at $\chi^2 = 0$ to 10^3 at $\chi^2 = 20$. A solid black line represents a fit to the data. The bottom panel is a linear plot of 'Ratio' (y-axis, linear scale from 0.95 to 1.05) versus 'track χ^2 ' (x-axis, linear scale from 0 to 20). The data points are red crosses with error bars, fluctuating around a ratio of 1.0. A solid black line represents a fit to the data. A shaded gray region is visible in the background of the bottom panel, representing a confidence interval or uncertainty band.

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

