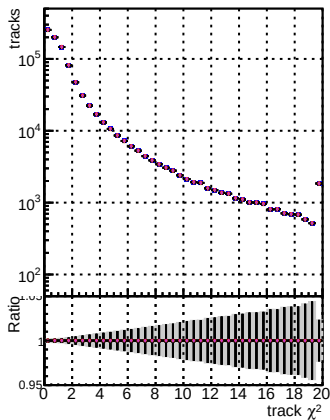


N of reco track vs normalized χ^2



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

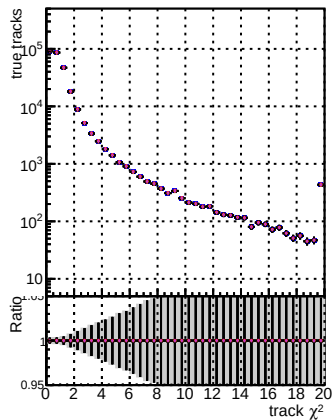
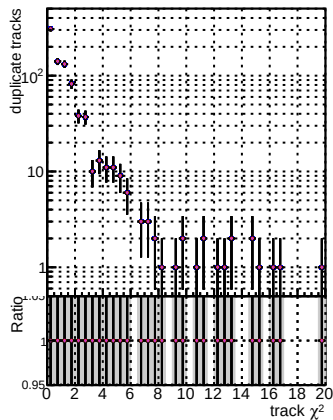


Figure 1 consists of two panels. The top panel is a log-linear plot of the ratio of fake tracks to total tracks versus track χ^2 . The y-axis is logarithmic, ranging from 10^2 to 10^5 . The x-axis is linear, ranging from 0 to 20. Data points are shown as purple circles, and a solid black line represents the fit. The ratio decreases from approximately 10^5 at $\chi^2 = 0$ to about 10^3 at $\chi^2 = 20$. The bottom panel is a linear plot of the ratio versus track χ^2 . The y-axis ranges from 0.95 to 1.05. The x-axis is linear, ranging from 0 to 20. A red horizontal line is at 1.0. A shaded region represents the uncertainty, which is centered around 1.0 and widens as χ^2 increases.

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



N of reco track vs. s

