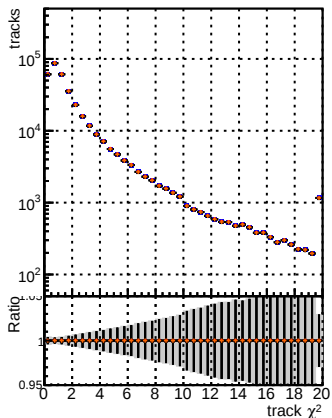
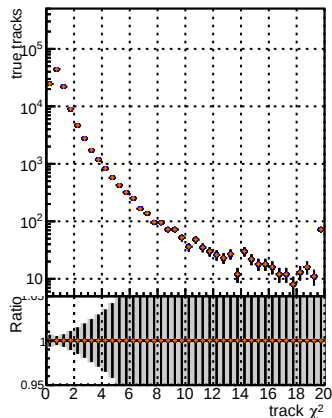


N of reco track vs normalized χ^2



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

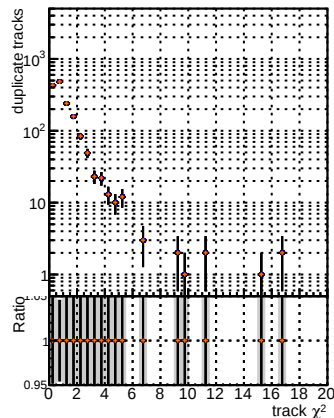


The figure consists of two vertically stacked plots sharing a common x-axis labeled 'track χ^2 ' ranging from 0 to 20.

The top plot has a y-axis labeled 'fake tracks' on a logarithmic scale from 10^2 to 10^5 . It shows a series of red dots representing the distribution of fake tracks as a function of track χ^2 . The distribution starts at approximately 5×10^4 for $\chi^2 = 0$ and decreases to about 2×10^2 at $\chi^2 = 20$.

The bottom plot has a y-axis labeled 'Ratio' on a linear scale from 0.95 to 1.05. It shows a shaded region representing the ratio distribution, which is centered around a horizontal orange line at Ratio = 1.0. The shaded region is wider at higher χ^2 values, indicating increased uncertainty or spread in the ratio as χ^2 increases.

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



N of reco track vs. s

