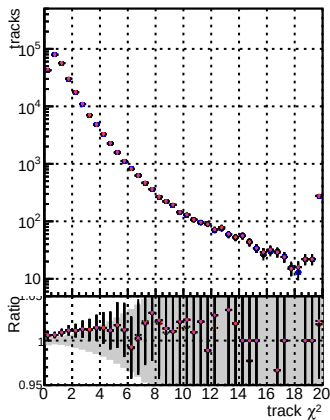
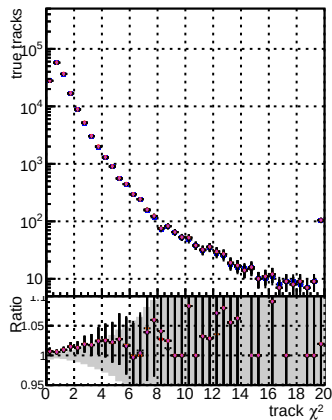


N of reco track vs normalized χ^2

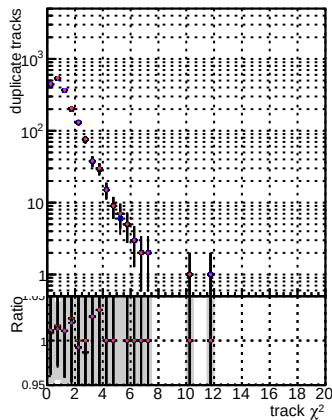


N of associated (recoToSim) tracks vs normalized χ^2



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's y-axis is 'fake tracks' on a logarithmic scale from 1 to 10^4 . It shows a decreasing trend of fake tracks as χ^2 increases, with data points represented by purple circles and a solid black line representing a fit. The bottom plot's y-axis is 'Ratio' on a linear scale from 0.95 to 1.05. It shows the ratio of fake tracks to total tracks, with data points represented by red diamonds and a solid black line representing a fit. The ratio is generally close to 1.0, with some fluctuations and a shaded gray region indicating uncertainty.

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



N of reco track vs. s

