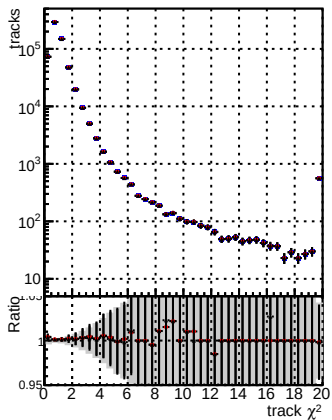


N of reco track vs normalized χ^2



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

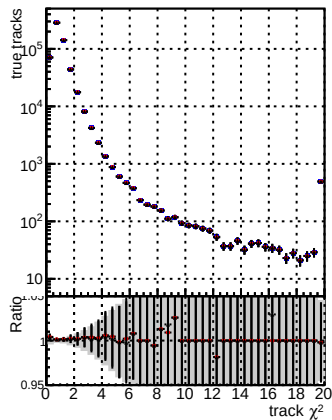
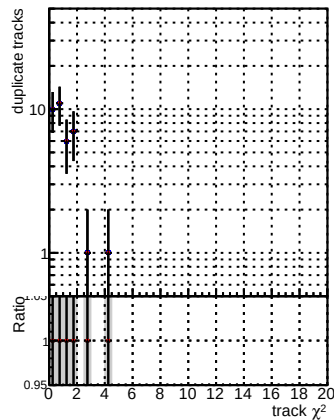


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'track χ^2 ' ranging from 0 to 20. The top plot has a y-axis labeled 'fake tracks' on a logarithmic scale from 1 to 10^4 . It shows data points (black dots with error bars) that decrease from approximately 10^4 at $\chi^2=0$ to about 10 at $\chi^2=10$, then fluctuate around 10 for higher χ^2 . The bottom plot has a y-axis labeled 'Ratio' on a linear scale from 0.95 to 1.05. It shows the same data points as the top plot, but the ratio values are mostly between 0.95 and 1.05, with a solid red horizontal line at a ratio of 1.0.

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



N of reco track vs. s

