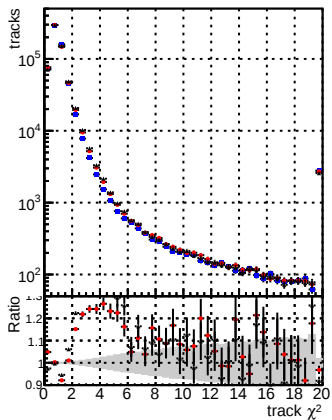


N of reco track vs normalized χ^2



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

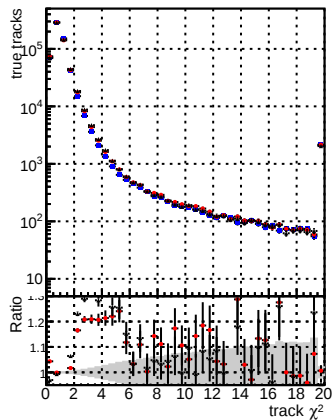
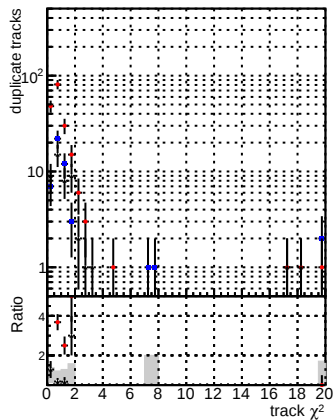


Figure 1 consists of two vertically stacked panels sharing a common x-axis labeled 'track χ^2 ' ranging from 0 to 20. The top panel shows 'fake tracks' on a logarithmic y-axis from 1 to 10^4 . It contains two data series: blue circles and red crosses, both showing a sharp decrease from approximately 10,000 at $\chi^2 = 0$ to about 10 at $\chi^2 = 10$, then leveling off. The bottom panel shows 'Ratio' on a linear y-axis from 0.5 to 2.0. It features a grey shaded region representing the ratio of the two data series, with a horizontal dashed line at 1.0. Red crosses with error bars are plotted, showing the ratio fluctuating around 1.0, with some points reaching up to 1.5 and others down to 0.5.

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



N of reco track vs. s

