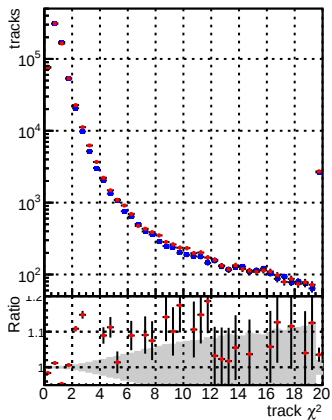
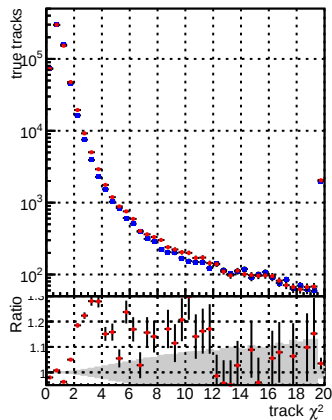


N of reco track vs normalized χ^2

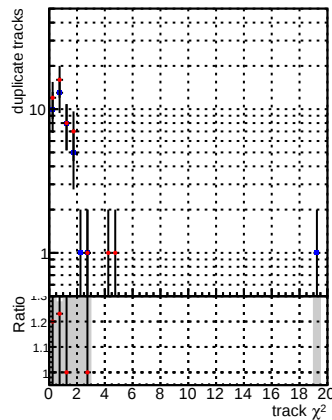


N of associated (recoToSim) tracks vs normalized χ^2

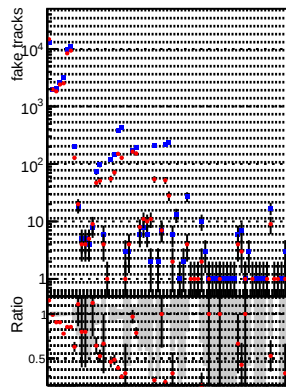
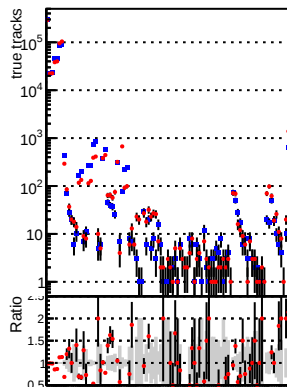
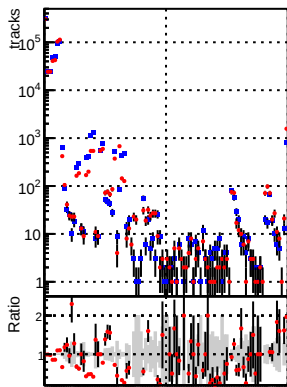


The figure consists of two vertically stacked panels sharing a common x-axis labeled 'track χ^2 ' ranging from 0 to 20. The top panel's y-axis is 'fake_tracks' on a logarithmic scale from 1 to 10,000. It shows two data series: blue circles and red crosses, both with vertical error bars. Both series show a sharp decrease from approximately 10,000 at $\chi^2 = 0$ to about 10 at $\chi^2 = 10$, then level off. The bottom panel's y-axis is 'Ratio' on a linear scale from 0.8 to 1.4. It shows the ratio of the two data series from the top panel, represented by red crosses with vertical error bars. A horizontal line is drawn at Ratio = 1.0. A grey shaded region represents the 1-sigma uncertainty band, which is centered around 1.0 and slightly wider at higher χ^2 values.

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



N of reco track vs. s



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