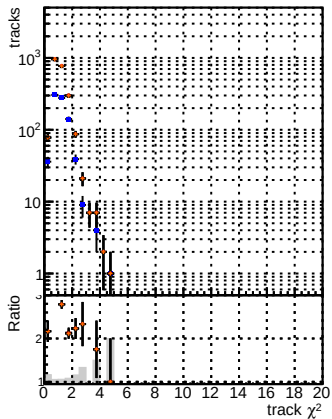
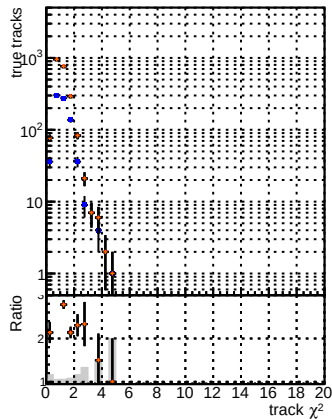


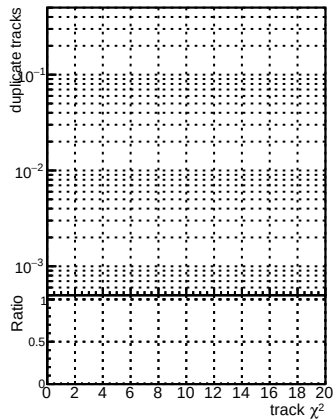
N of reco track vs normalized χ^2



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



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



N of reco track vs. s

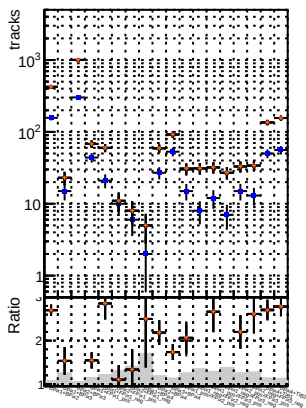


Figure 1 consists of two panels, (a) and (b), showing the ratio of true tracks to detected tracks as a function of the number of true tracks. The x-axis for both panels is 'true tracks' on a logarithmic scale from 1 to 1000. The y-axis is 'Ratio' on a logarithmic scale from 1 to 100. A horizontal line is drawn at Ratio = 1.0 in both panels. Panel (a) shows data for a single track (N=1) with a ratio decreasing from approximately 100 at 1 true track to about 10 at 1000 true tracks. Panel (b) shows data for multiple tracks (N=2 to 10) with a ratio decreasing from approximately 3 at 2 true tracks to about 1.5 at 1000 true tracks. Both panels show a decreasing trend in the ratio as the number of true tracks increases, with a horizontal line at a ratio of 1.0.