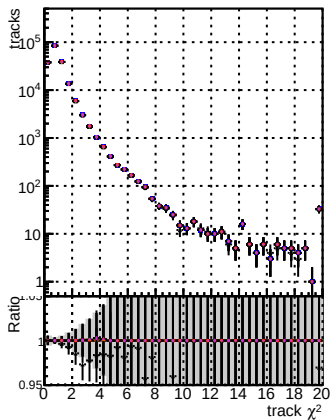
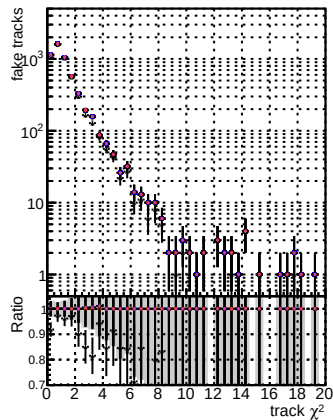
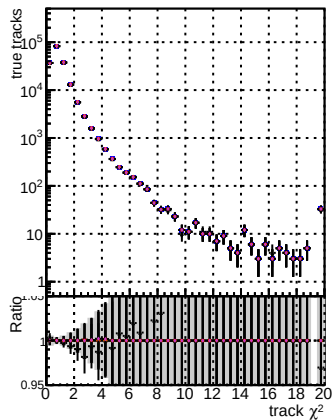


N of reco track vs normalized χ^2



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



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

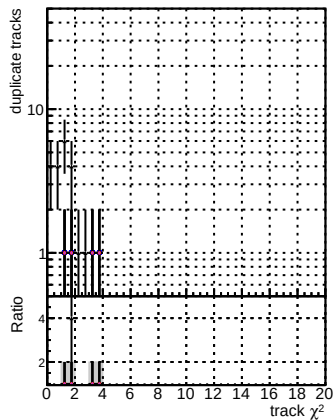


Figure 1 is a bar chart comparing the number of reconstructed tracks (N of reco track vs. s) and the number of original tracks (N of original track vs. s) for different values of s (0 to 10). The x-axis is labeled 's' and ranges from 0 to 10. The y-axis is labeled 's' and ranges from 0 to 10. The legend indicates that the black bars represent 'N of reco track vs. s' and the red bars represent 'N of original track vs. s'. The chart shows that for a given number of original tracks, the number of reconstructed tracks is generally higher, with a peak at s=5. The legend also includes a color-coded key for the bars: black for 'N of reco track vs. s' and red for 'N of original track vs. s'.

