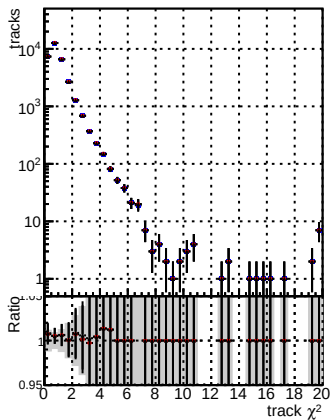
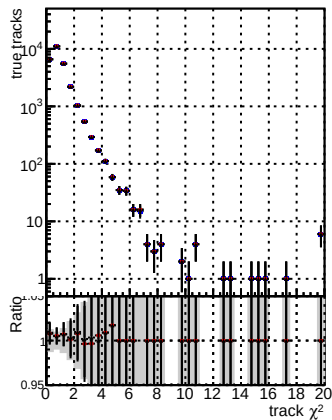


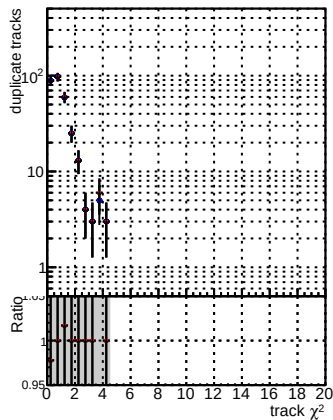
N of reco track vs normalized χ^2



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

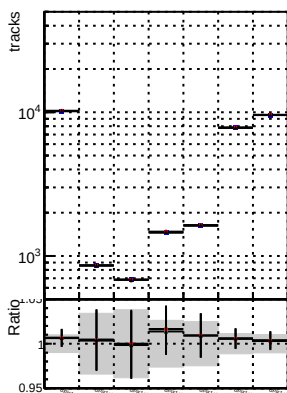


Figure 1 is a log-log plot showing the ratio of duplicate tracks to total tracks versus the number of tracks. The x-axis is labeled 'Number of tracks' and ranges from 10^0 to 10^3 . The y-axis is labeled 'Ratio' and ranges from 0.95 to 10^2 . The plot displays four data series: 'All tracks' (black circles), 'Tracks with 1 or 2 duplicates' (red circles), 'Tracks with 3 or more duplicates' (green circles), and 'Tracks with 4 or more duplicates' (blue circles). The 'All tracks' series shows a ratio of approximately 1.5 for 100 tracks, rising to about 10 for 1000 tracks. The other series show ratios between 1 and 10 for 100 tracks, and ratios between 1 and 10 for 1000 tracks.