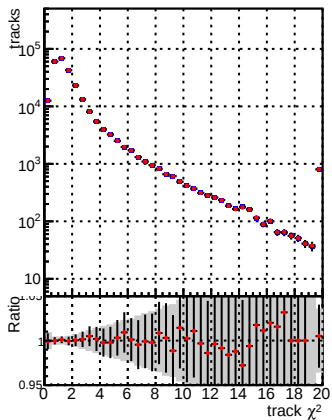
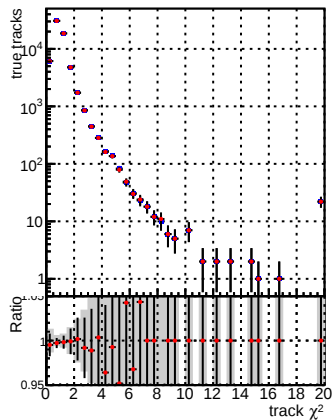


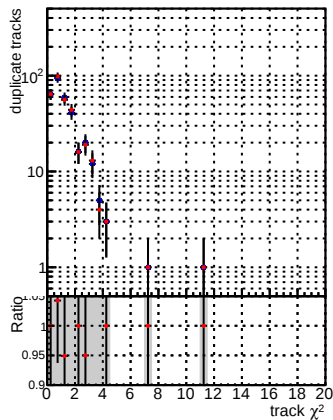
N of reco track vs normalized χ^2



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

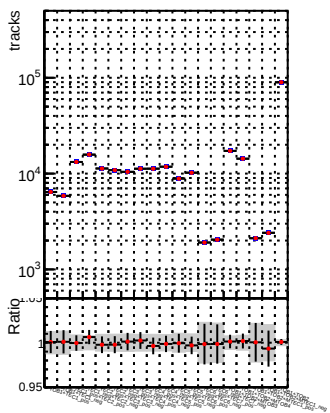


Figure 1 is a log-log plot showing the number of duplicate tracks (Y-axis, ranging from 10¹ to 10²) versus the ratio of tracks (X-axis, ranging from 0.95 to 1.5). The plot compares three methods: 100% Viterbi/MSA, 100% Viterbi/MSA, and 100% Viterbi. The 100% Viterbi/MSA method shows the highest number of duplicate tracks, followed by 100% Viterbi, and then 100% Viterbi/MSA.