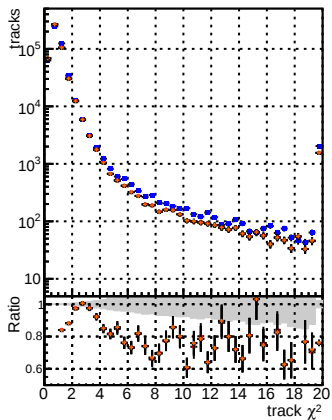


N of reco track vs normalized χ^2



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

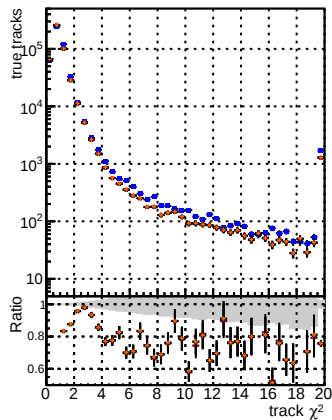
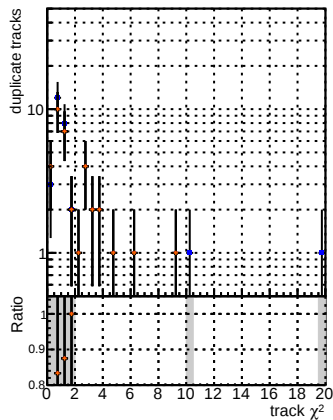


Figure 1 consists of two vertically stacked panels sharing a common x-axis labeled 'track χ^2 ' ranging from 0 to 20. The top panel shows 'fake tracks' on a logarithmic y-axis from 10^1 to 10^4 . It contains three data series: blue stars, orange circles, and black triangles, all showing a sharp decrease from approximately 10^4 at $\chi^2=0$ to around 10^1 at $\chi^2=10$, then leveling off. The bottom panel shows the 'Ratio' on a linear y-axis from 0.5 to 1.5. It displays the same three data series with error bars. A horizontal line is drawn at Ratio = 1.0. A grey shaded region is present in the background of the bottom panel, centered around the Ratio = 1.0 line, indicating a confidence interval or uncertainty band.

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



	DQM_V0001	R000000000001	Global	CMSSW_ckfPUe0_RECO
N of reco track vs. s				
	DQM_V0001	R000000000001	Global	CMSSW_ckfPUe0_RECO
	DQM_V0001	R000000000001	Global	CMSSW_cmSim05+dup RECO
	DQM_V0001	R000000000001	Global	CMSSW_cmSim05+dup RECO

