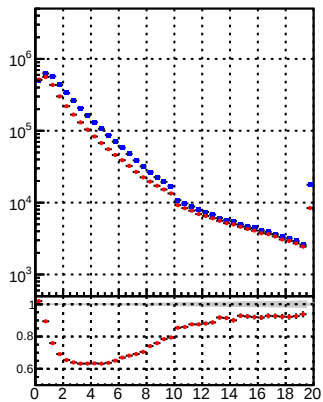
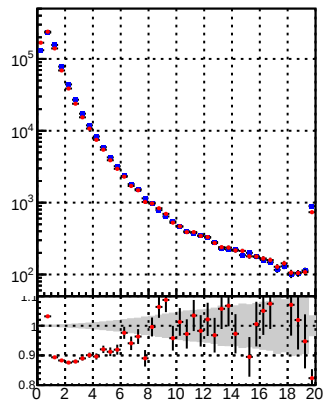


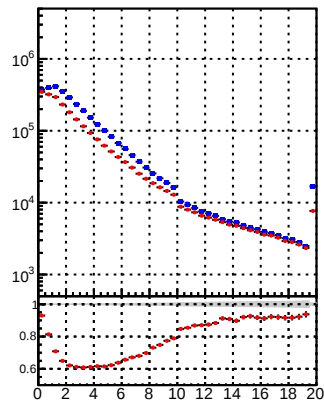
N of reco track vs normalized χ^2



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



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



N of reco track vs. 

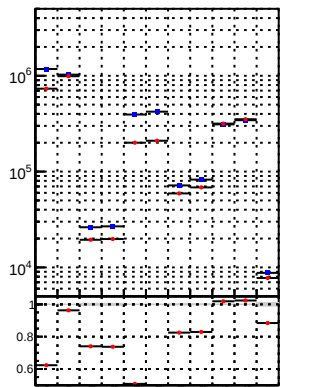


Figure 1 consists of two panels. The top panel is a log-linear plot of the dark matter relic density parameter $\Omega_c h^2$ versus redshift z . The y-axis is logarithmic, ranging from 10^3 to 10^6 . The x-axis is linear, ranging from 0 to 10. Data points with error bars are shown for various models, including the standard model (black dots) and models with a dark matter particle mass $m_{\tilde{\chi}_1^0} = 100$ GeV (red dots). The bottom panel is a linear plot of $\Omega_c h^2$ versus redshift z , with the y-axis ranging from 0.9 to 1.1. A shaded gray region represents the standard model, and a horizontal line at $\Omega_c h^2 \approx 1.0$ represents the relic density parameter.