For the process $\tilde{g} \rightarrow t \bar{t} \tilde{\chi}_1^0$, the limits at 95% CL for $\chi_1^0$ production are shown in the graph. The observed limit is $(\pm 1 \sigma)_{\text{theory}}$, and the expected limit is $(\pm 1 \sigma)_{\exp}$. The limits are shown for different channels: SS Dilepton, 2.0 fb$^{-1}$, and 1-lepton plus bjet, 2.0 fb$^{-1}$. The luminosity is $L^{\text{int}} = 4.7$ fb$^{-1}$, $\sqrt{s} = 7$ TeV.

The graph shows the lower limits on the mass of the neutralino $m_{\chi_1^0}$ as a function of the mass of the gluino $m_{\tilde{g}}$. The limits are indicated by the shaded regions, with the solid line representing the observed limit and the dashed line representing the expected limit. The forbidden region is also indicated in the graph.