

The figure consists of two panels. The top panel shows the relic density $\Omega_c h^2$ on the y-axis (ranging from 0 to 1) versus the dark matter mass m_χ on the x-axis (ranging from 0 to 20 GeV). The plot displays several data series: orange circles with error bars, blue circles with error bars, and black circles with error bars. A horizontal dashed line is drawn at $\Omega_c h^2 \approx 0.12$. The bottom panel shows the relic density $\Omega_c h^2$ on the y-axis (ranging from 0 to 1.4) versus the dark matter mass m_χ on the x-axis (ranging from 0 to 20 GeV). The plot displays several data series: orange circles with error bars, blue circles with error bars, and black circles with error bars. A horizontal dashed line is drawn at $\Omega_c h^2 \approx 0.12$.

The plot shows a function $f(x)$ that is nearly zero across the entire range of x from 0 to 20. The y-axis has major ticks every 0.001 units, with the top tick at 0.01. The x-axis has major ticks every 2 units, from 0 to 20. The curve is a very shallow, smooth decay starting at $y = 0.0001$ when $x = 0$.