

$M_V = 10^{12.3} M_\odot$, $c = 9.7$, $t_{\text{age}} = 10.0 \text{ Gyr}$, $\sigma/m_\chi = 0.5 \text{ cm}^2/\text{g}$, $M_b = 10^{10.79} M_\odot$, $r_0 = 3.00 \text{ kpc}$

