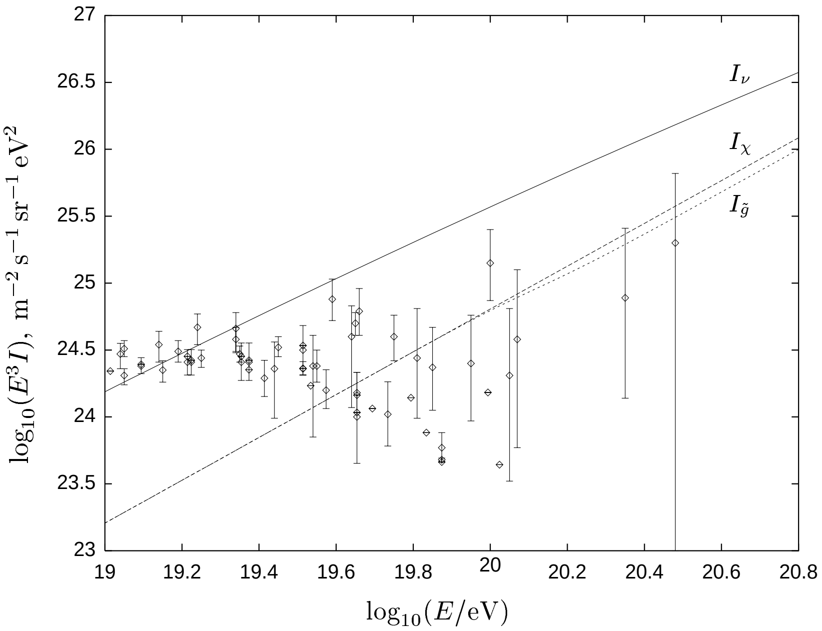

FIG. 1: Predicted fluxes from decaying X-particles with $r_X = 6 \cdot 10^{-11}$: neutrinos (curve I_ν), neutralinos (curve I_χ) and $\tilde{g}$-hadrons from the halo and the extragalactic space. The data points are based on the compilation made in Ref. [16].

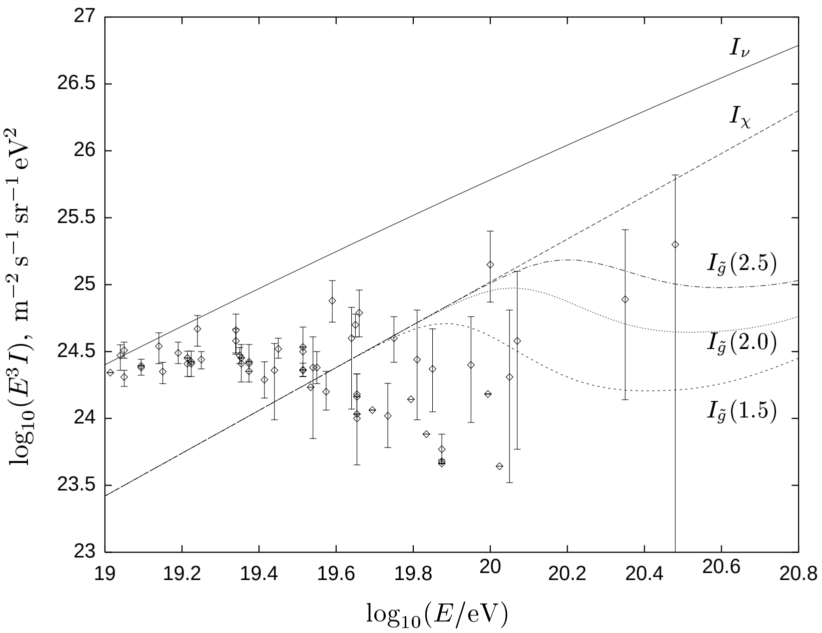

FIG. 2: Predicted fluxes from cosmic necklaces with $r^2\mu = 2 \cdot 10^{27}$ GeV^2: neutrinos (curve I_ν), neutralinos (curve I_χ) and $\tilde{g}$-hadrons with mass $m_{\tilde{G}} =$ 2.5 GeV, $m_{\tilde{G}} = 2.0$ GeV and $m_{\tilde{G}} = 1.5$ GeV.

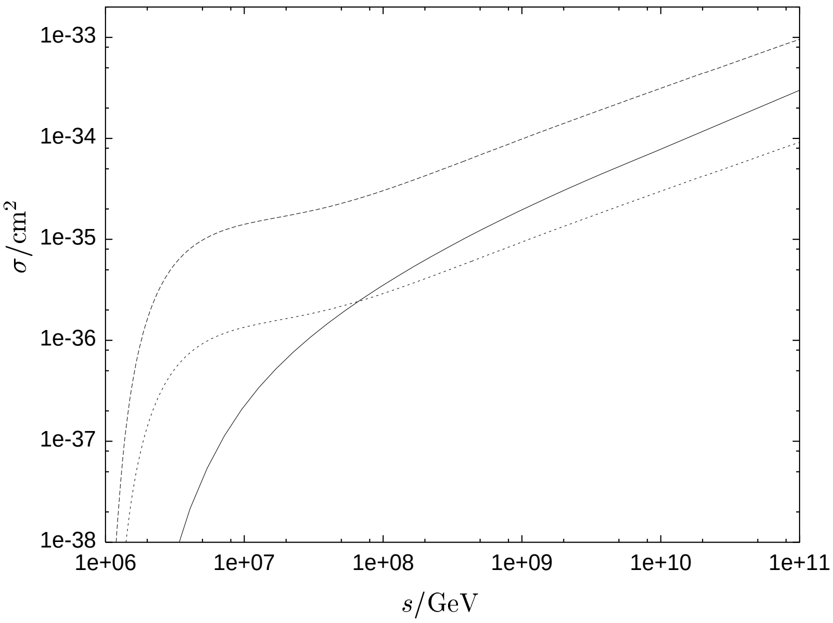

FIG. 3: Neutralino-nucleon cross-sections as functions of $s = 2E_\chi m_N$ for a gaugino dominated neutralino. The dashed lines correspond to the resonant subprocess $\tilde{\chi} + q \to \tilde{q}_{L,R} \to$ all with $\Gamma_{\mathrm{tot}} = z\Gamma(\tilde{q} \to q + \tilde{\chi})$ and $z = 1$ and 10, respectively. The solid curve represents the subprocesses $\tilde{\chi} + g \to \bar{q}(q) + \tilde{q}_{L,R}(\tilde{\bar{q}}_{L,R})$.

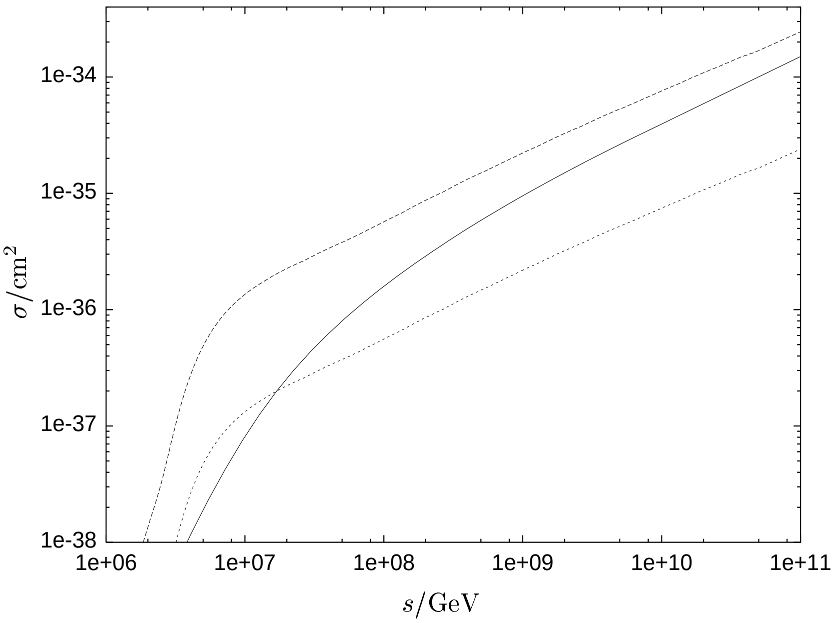

FIG. 4: Neutralino-nucleon cross-sections as functions of $s = 2E_\chi m_N$ for a higgsino dominated neutralino. The dashed lines correspond to the resonant subprocess $\tilde{\chi} + q \to \tilde{q}_{L,R} \to$ all with $\Gamma_{\rm tot} = z\Gamma(\tilde{q} \to q + \tilde{\chi})$ and $z = 1$ and 10, respectively. The solid curve represents the subprocesses $\tilde{\chi} + g \to \bar{q}(q) + \tilde{q}_{L,R}(\tilde{\bar{q}}_{L,R})$.