Erratum: Search for new phenomena in events with a photon and missing transverse momentum in \( pp \) collisions at \( \sqrt{s} = 8 \) \( \text{TeV} \) with the ATLAS detector

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One correction is noted in our paper, which does not affect the results reported. The vertical axis range in the right panel of Fig. 13 is corrected as it was not defined in exactly the same way as in the left panel, leading to misaligned axes.

\[ m_N \text{ [GeV]} \]

\[ \sigma_{\chi N} \text{ [cm}^2\text{]} \]

FIG. 13 (color online). Upper limits at 90\% C.L. on the WIMP–nucleon (\( \chi-N \)) scattering cross section as a function of \( m_\chi \) for spin-independent (left) and spin-dependent (right) interactions, for a coupling strength \( g = \sqrt{4\pi} \) of unity or the maximum value (4\( \pi \)) that keeps the model within its perturbative regime. The truncation procedure is applied for both cases. The results obtained from ATLAS with 7 \( \text{TeV} \) data for the same channel are shown for comparison. Also shown are results from various dark matter search experiments [1–12].


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