

PDF hosted at the Radboud Repository of the Radboud University Nijmegen

The following full text is a publisher's version.

For additional information about this publication click this link.

<http://hdl.handle.net/2066/151384>

Please be advised that this information was generated on 2021-06-12 and may be subject to change.

**Erratum: Search for new phenomena in events with a photon
and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV
with the ATLAS detector
[Phys. Rev. D **91**, 012008 (2015)]**

G. Aad^{*} *et al.*
(ATLAS Collaboration)

(Received 4 September 2015; published 28 September 2015)

DOI: 10.1103/PhysRevD.92.059903

PACS numbers: 13.85.Rm, 13.85.Qk, 14.70.Kv, 14.80.Rt, 99.10.Cd

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.

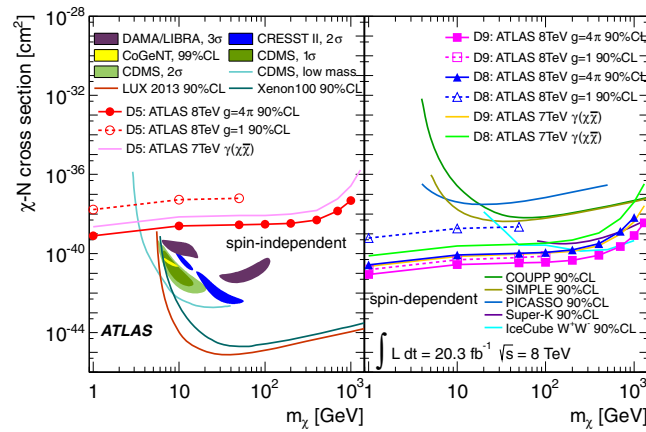


FIG. 13 (color online). Upper limits at 90% C.L. on the WIMP–nucleon (χ -N) scattering cross section as a function of m_χ for spin-independent (left) and spin-dependent (right) interactions, for a coupling strength $g = \sqrt{g_f g_\chi}$ of unity or the maximum value (4π) that keeps the model within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

- [1] Z. Ahmed *et al.* (CDMS Collaboration), *Phys. Rev. Lett.* **106**, 131302 (2011).
- [2] C. E. Aalseth *et al.* (CoGeNT Collaboration), *Phys. Rev. Lett.* **106**, 131301 (2011).
- [3] S. Archambault *et al.* (PICASSO Collaboration), *Phys. Lett. B* **711**, 153 (2012).
- [4] M. Felizardo *et al.* (SIMPLE Collaboration), *Phys. Rev. Lett.* **108**, 201302 (2012).
- [5] D. S. Akerib *et al.* (LUX Collaboration), *Phys. Rev. Lett.* **112**, 091303 (2014).
- [6] S. Desai *et al.* (Super-Kamiokande Collaboration), *Phys. Rev. D* **70**, 083523 (2004).
- [7] M. G. Aartsen *et al.* (IceCube Collaboration), *Phys. Rev. Lett.* **110**, 131302 (2013).
- [8] E. Behnke *et al.* (COUPP Collaboration), *Phys. Rev. D* **86**, 052001 (2012).
- [9] G. Angloher *et al.* (CRESST-II Collaboration), *Eur. Phys. J. C* **72**, 1971 (2012).
- [10] R. Agnese *et al.* (CDMS Collaboration), *Phys. Rev. Lett.* **111**, 251301 (2013).
- [11] R. Bernabei *et al.* (DAMA Collaboration), *Eur. Phys. J. C* **56**, 333 (2008).
- [12] A. Abramowski *et al.* (HESS Collaboration), *Phys. Rev. Lett.* **110**, 041301 (2013).

^{*}Full author list given at the end of the original article.

Published by the American Physical Society under the terms of the *Creative Commons Attribution 3.0 License*. Further distribution of this work must maintain attribution to the author(s) and the published articles title, journal citation, and DOI.