Erratum to: search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets

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Erratum: search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets

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In the published version, the limits shown in the bottom-right panel of figure 11 were produced using an incorrect formula to translate the $m_{\mathrm{MED}} - m_{\mathrm{DM}}$ limits into the plane of DM pair annihilation cross section versus m_{DM}. The corrected figure is shown below.

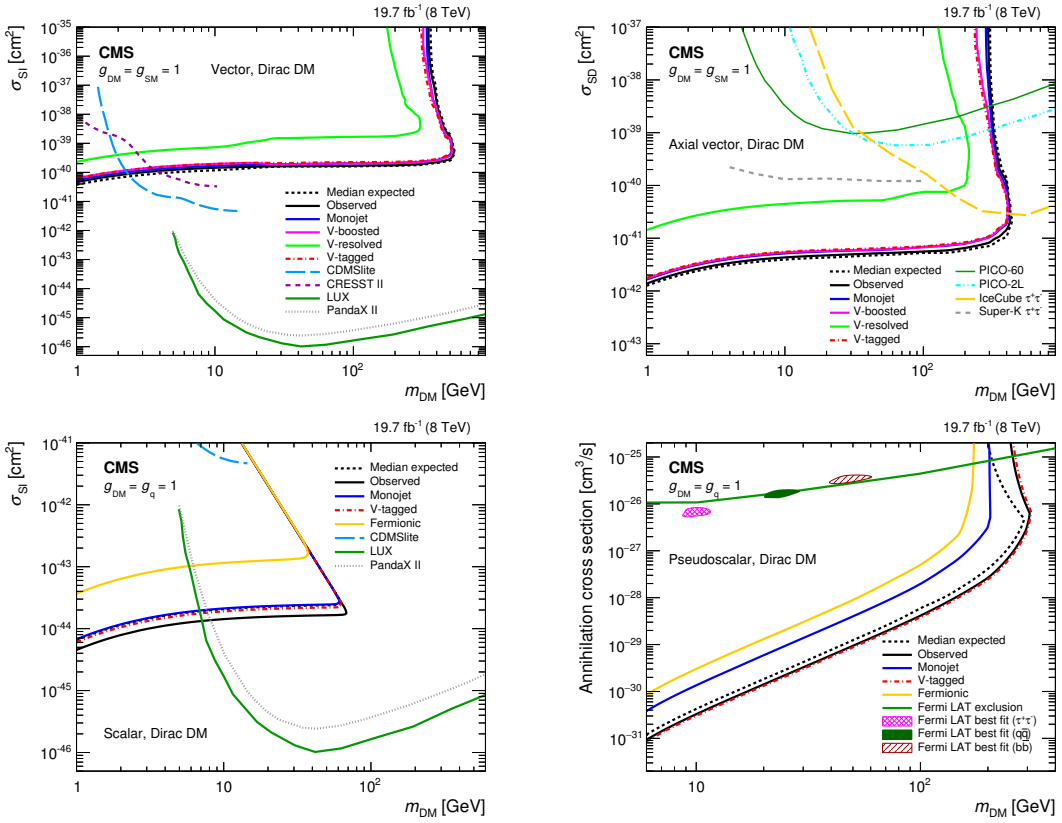

Figure 11. The 90% CL exclusion contours in the $m_{\mathrm{DM}} - \sigma_{\mathrm{SI}}$ or $m_{\mathrm{DM}} - \sigma_{\mathrm{SD}}$ plane assuming vector (top-left), axial vector (top-right), scalar (bottom-left) mediators. Also shown is the 90% CL exclusion in DM annihilation cross section as a function of m_{DM} for a pseudoscalar mediator (bottom-right). For the scalar and pseudoscalar mediators, the exclusion contours assuming the mediator only couples to fermions (fermionic) is also shown. The excluded region in all plots is to the top-left of the contours for the results from this analysis while the DD experiments and Fermi LAT excluded regions are above the lines shown. In the vector and axial vector models, limits are shown independently for monojet, V-boosted, and V-resolved categories. The red dot-dashed line shows the partial combination of the V-tagged categories for which the V-boosted category provides the dominant contribution. In all of the mediator models, a minimum mediator width is assumed. For the pseudoscalar mediator, 68% CL preferred regions, obtained using data from Fermi LAT, for DM annihilation to light-quarks ($q\bar{q}$), $\tau^+\tau^-$, and $b\bar{b}$ are given by the solid green, hatched pink, and shaded brown coloured regions, respectively.

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