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Erratum

Erratum to: “Search for first generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector” [Phys. Lett. B 709 (2012) 158] ☆

ATLAS Collaboration *

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The legend of the y -axis of both figures in Fig. 4 should read $\sigma(pp \rightarrow LQ\bar{L}Q)$ as shown in the corrected Fig. 4 attached, rather than $\sigma \times BR$. This correction is purely presentational, and does not change any of the quoted results, nor the conclusions, of the original version of the Letter.

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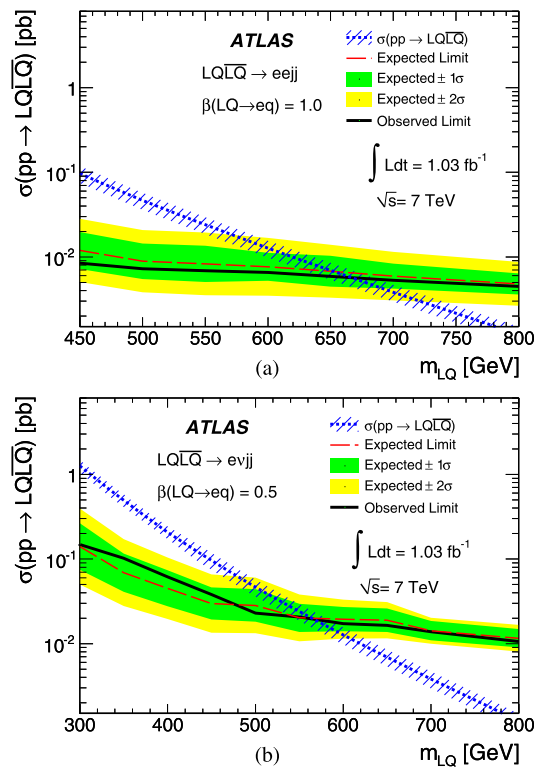


Fig. 4. (Corrected version.) 95% CL upper limit on the pair production cross section of the first generation leptoquarks for the $eejj$ channel at $\beta = 1.0$ (a) and for the $evjj$ channel at $\beta = 0.5$ (b). The solid lines indicate the individual observed limits, while the expected limits are indicated by the dashed lines. The theory prediction is indicated by the dotted line, which includes the systematic uncertainties due to the choice of the PDF and due to the renormalization and factorization scales. The dark green (light yellow) solid band contains 68% (95%) of possible outcomes from pseudo-experiments in which the yield is Poisson-fluctuated around the background-only expectation. (For interpretation of the references to color in this figure legend, the reader is referred to the web version of this Letter.)

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