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Measurement of the W-boson mass in pp collisions at root s = 7 TeV with the ATLAS detector (vol 78, 110, 2018)

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Erratum

Erratum to: Measurement of the W-boson mass in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector

ATLAS Collaboration[⋆]

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It has been found that Fig. 30 shows the 68% and 99% confidence-level contours for the W boson and top quark mass measurements, instead of the 68% and 95% confidence-level contours, as stated in the legend. The corrected error ellipses, corresponding to 68% and 95% confidence level, are shown in Fig. 1.

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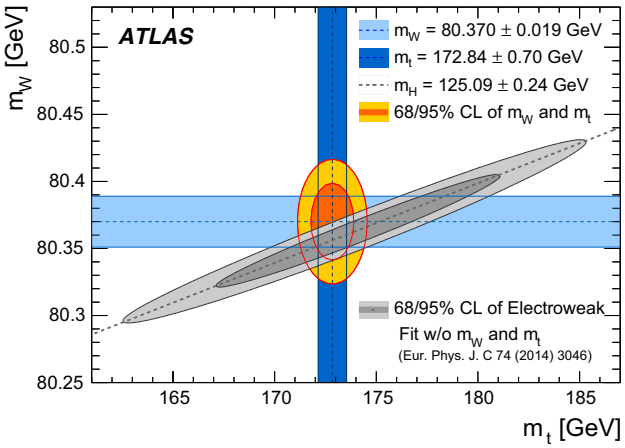

Fig. 1 Replacement of Fig. 30: The 68% and 95% confidence-level contours of the m_W and m_t indirect determination from the global electroweak fit [1] are compared to the 68 and 95% confidence-level contours of the ATLAS measurements of the top-quark and W-boson masses. The determination from the electroweak fit uses as input the LHC measurement of the Higgs-boson mass, $m_H = 125.09 \pm 0.24$ GeV [2]

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