



School of Natural Sciences and Mathematics

***Measurement of the Charge Asymmetry in Top-Quark
Pair Production in the Lepton-Plus-Jets Final State in pp
Collision Data at $\sqrt{s} = 8$ TeV with the ATLAS Detector***

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Erratum to: Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector

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In the original paper, Fig. 4 contains the wrong label preliminary. The label has been fixed, while none of the results have changed.

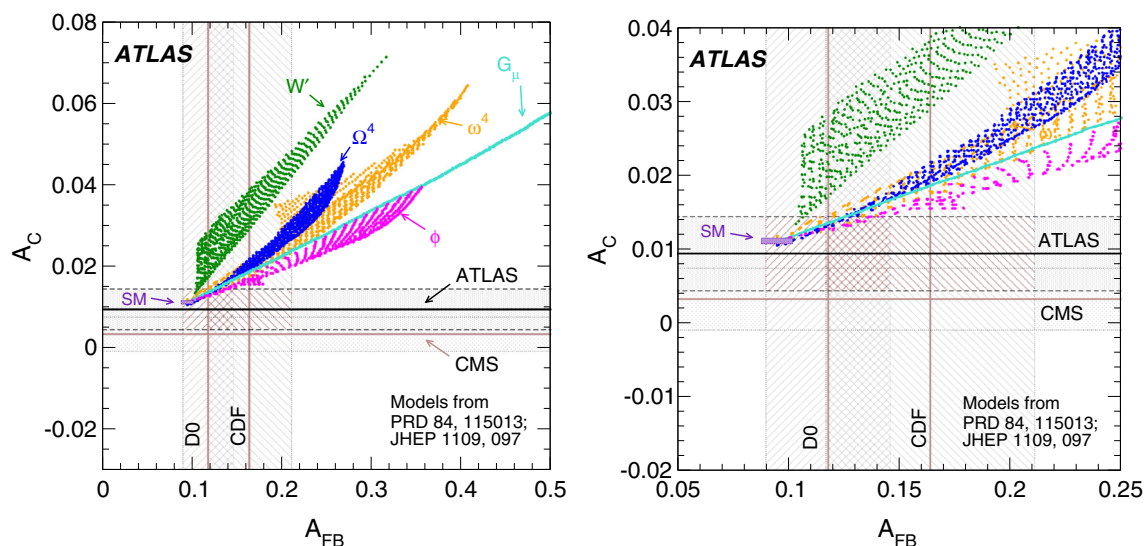


Fig. 4 Measured inclusive charge asymmetries A_C at the LHC versus forward-backward asymmetries A_{FB} at Tevatron, compared with the SM predictions [1,2] as well as predictions incorporating various potential BSM contributions [3,4]: a W' boson, a heavy axigluon (G_μ), a scalar isodoublet (ϕ), a colour-triplet scalar (ω^4), and a colour-sextet

scalar (Ω^4). The horizontal bands and lines correspond to the ATLAS and CMS measurements, while the vertical ones correspond to the CDF and D0 measurements. The uncertainty bands correspond to a 68% confidence level interval. The figure on the right is a zoomed-in version of the figure on the left

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