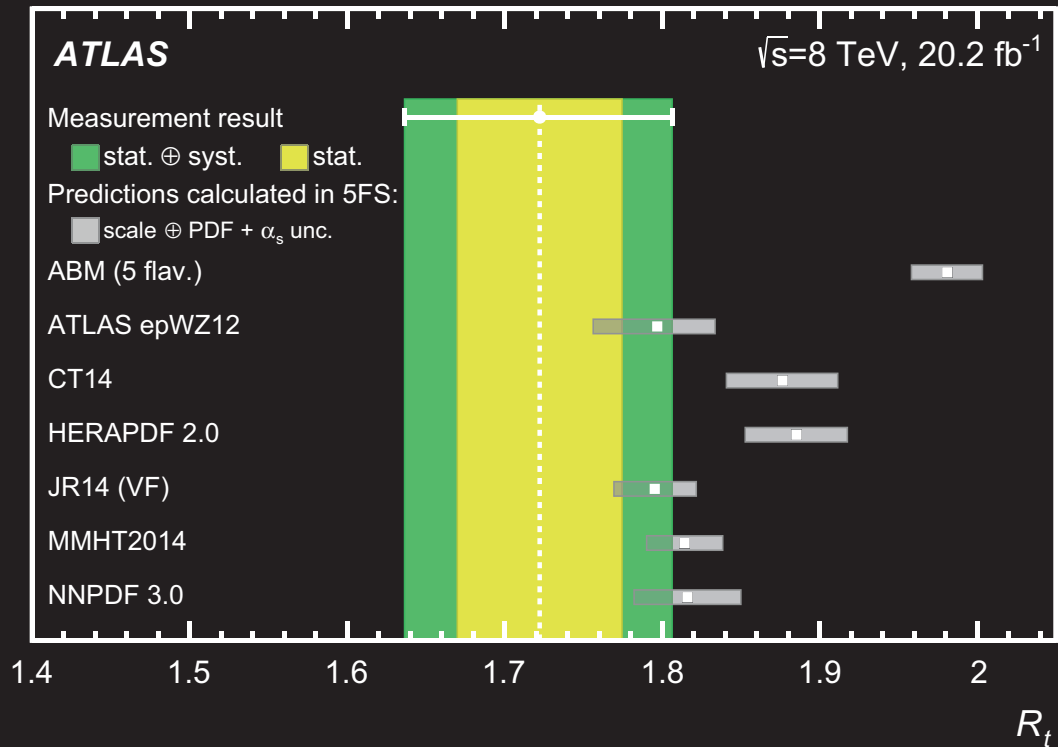




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Particles and Fields



Predicted values of $R_t = \sigma_{\text{tot}}(tq)/\sigma_{\text{tot}}(\bar{t}q)$ calculated with NLO accuracy in QCD in the five flavor scheme using different NLOPDF sets compared to the measured value. The dashed white line indicates the central value of the measured R_t value. The combined statistical and systematic uncertainty of the measurement is shown in green, while the statistical uncertainty is represented by the yellow error band.

From the ATLAS Collaboration: Fiducial, total and differential cross-section measurements of t -channel single top-quark production in pp collisions at 8TeV using data collected by the ATLAS detector.