

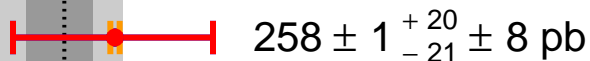
..... NNLO+NNLL (Top++ 2.0), PDF4LHC
Tevatron+LHC $m_{\text{top}} = 173.34$ GeV

■ scale uncertainty
 ■ scale \oplus PDF \oplus α_s uncertainty

— stat. uncertainty
 — total uncertainty
 $\sigma_{t\bar{t}} \pm(\text{stat}) \pm(\text{syst}) \pm(\text{lumi})$

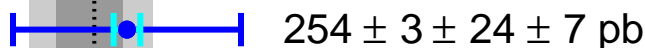
ATLAS, lepton+jets

arXiv:1504.04251, $L_{\text{int}}=20.3 \text{ fb}^{-1}$



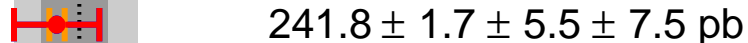
CMS, lepton+ τ_h

PLB 739 (2014) 23, $L_{\text{int}}=19.6 \text{ fb}^{-1}$



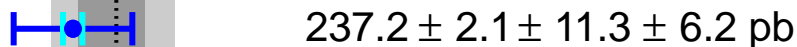
ATLAS, dilepton $e\mu$

EPJ C74 (2014) 3109, $L_{\text{int}}=20.3 \text{ fb}^{-1}$



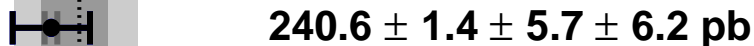
CMS, dilepton ($ee, \mu\mu, e\mu$)

JHEP 02 (2014) 024, $L_{\text{int}}=5.3 \text{ fb}^{-1}$



LHC combined $e\mu$ (Sep 2014)

CMS-PAS TOP-14-016,
 ATLAS-CONF-2014-053,
 $L_{\text{int}}=5.3\text{-}20.3 \text{ fb}^{-1}$



Effect of LHC beam energy uncertainty: 4.2 pb
 (not included in the figure)

