

Data 2012, $\sqrt{s} = 8$ TeV, $m_t = 172.5$ GeV



⋮ NLO+NNLL (PRD82 (2010) 054018)

MSTW2008_{NNLO}

■ scale uncertainty

■ scale ⊕ PDF uncertainty

$\sigma_{Wt} \pm(\text{stat}) \pm(\text{syst}) \pm(\text{lumi})$

ATLAS, $L_{\text{int}} = 20.3 \text{ fb}^{-1}$

arXiv:1510.03752



$23.0 \pm 1.3 \pm 3.5 \pm 1.1 \text{ pb}$

CMS, $L_{\text{int}} = 12.2 \text{ fb}^{-1}$

PRL 112 (2014) 231802



$23.4 \pm 2.0 \pm 4.6 \pm 0.7 \text{ pb}$

LHC combined (May 2016)

ATLAS-CONF-2016-023,
CMS-PAS-TOP-15-019



$23.1 \pm 1.1 \pm 3.3 \pm 0.8 \text{ pb}$

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



$\sigma_{Wt} \text{ [pb]}$