

ATLAS+CMS Preliminary

September 2021

LHC *top* WG

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

: NLO+NNLL (PRD 82 (2010) 054018)

■ scale \oplus PDF \oplus α_s uncertainty



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

JHEP 01 (2016) 064



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

$23.0 \pm 1.3^{+3.2}_{-3.5} \pm 1.1 \text{ pb}$

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

PRL 112 (2014) 231802



$23.4 \pm 1.9 \pm 5.0 \pm 0.6 \text{ pb}$

ATLAS+CMS, dilepton

JHEP 05 (2019) 088



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

ATLAS, $l+jets$, $L_{\text{int}} = 20.2 \text{ fb}^{-1}$

EPJC 81 (2021) 720



$26 \pm 1 \pm 7 \pm 1 \text{ pb}$

