

ATLAS+CMS Preliminary

September 2019

LHC *top* WG

Run 2, $\sqrt{s} = 13$ TeV, $m_t = 172.5$ GeV

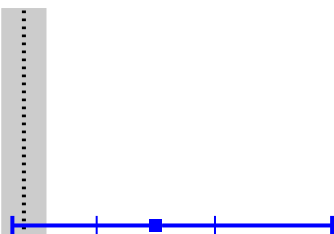
: NLO+NNLL (PRD 82 (2010) 054018)

total stat

■ scale \oplus PDF \oplus α_s uncertainty

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

ATLAS, $L_{\text{int}} = 3.2 \text{ fb}^{-1}$
JHEP 01 (2018) 063



$94 \pm 10^{+28}_{-22} \pm 2 \text{ pb}$

CMS, $L_{\text{int}} = 35.9 \text{ fb}^{-1}$
JHEP 10 (2018) 117



$63.1 \pm 1.8 \pm 6.4 \pm 2.1 \text{ pb}$

