

# ATLAS+CMS Preliminary

November 2022

LHCtopWG

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

⋮ NLO+NNLL (PRD 82 (2010) 054018)

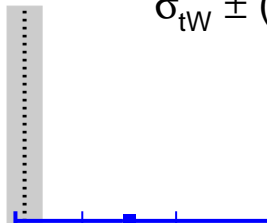
  
total stat

 scale  $\oplus$  PDF  $\oplus$   $\alpha_s$  uncertainty

\* Preliminary

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

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



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

CMS  $e\mu$  \*,  $L_{\text{int}} = 138 \text{ fb}^{-1}$   
arXiv:2208.00924



$79.2 \pm 0.9^{+7.7}_{-8.0} \pm 1.2 \text{ pb}$

CMS  $l+jets$ ,  $L_{\text{int}} = 36 \text{ fb}^{-1}$   
JHEP 11 (2021) 111



$89 \pm 4 \pm 12 \pm 3 \text{ pb}$

0 50 100 150 200

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