

# ATLAS+CMS Preliminary

LHCtopWG

June 2022

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,  $L_{\text{int}} = 3.2 \text{ fb}^{-1}$

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

CMS-PAS-TOP-21-010

CMS  $l+jets$ ,  $L_{\text{int}} = 36 \text{ fb}^{-1}$

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

$79.2 \pm 0.8 \pm 7.0 \pm 1.1 \text{ pb}$

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

0

50

100

150

200

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