

NNLO+NNLL PRL 110 (2013) 252004  
 .....  $m_{\text{top}} = 172.5$  GeV,  $\alpha_s(M_Z) = 0.118 \pm 0.001$

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

├──┤  
 total stat

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

ATLAS, dilepton  $e\mu$

PLB 761 (2016) 136,  $L_{\text{int}} = 3.2$  fb $^{-1}$

$818 \pm 8 \pm 27 \pm 19$  pb

ATLAS, dilepton  $ee/\mu\mu$  \*

ATLAS-CONF-2015-049,  $L_{\text{int}} = 85$  pb $^{-1}$

$749 \pm 57 \pm 79 \pm 74$  pb

ATLAS,  $l+jets$  \*

ATLAS-CONF-2015-049,  $L_{\text{int}} = 85$  pb $^{-1}$

$817 \pm 13 \pm 103 \pm 88$  pb

CMS, dilepton  $e\mu$

PRL 116 (2016) 052002,  $L_{\text{int}} = 43$  pb $^{-1}$ , 50 ns

$746 \pm 58 \pm 53 \pm 36$  pb

CMS, dilepton  $e\mu$

EPJC 77 (2017) 172,  $L_{\text{int}} = 2.2$  fb $^{-1}$ , 25 ns

$815 \pm 9 \pm 38 \pm 19$  pb

CMS,  $l+jets$

arXiv:1701.06228,  $L_{\text{int}} = 2.2$  fb $^{-1}$

$888 \pm 2 \pm 26 \pm 20$  pb

CMS, all-jets \*

CMS-PAS TOP-16-013,  $L_{\text{int}} = 2.53$  fb $^{-1}$

$834 \pm 25 \pm 118 \pm 23$  pb

\* Preliminary

NNPDF3.0 JHEP 04 (2015) 040

MMHT14 EPJC 75 (2015) 5

CT14 PRD 93 (2016) 033006

ABM12 PRD 89 (2015) 054028  
 $[\alpha_s(m_Z) = 0.113]$

