

ATLAS+CMS Preliminary

LHCtopWG

June 2023

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

⋮ NNLO (JHEP 02 (2021) 040),
PDF4LHC (CT18, MSHT20, NNPDF3.1)

■ scale uncertainty

■ scale \oplus PDF \oplus α_s uncertainty



$\sigma_{t\text{-channel}} \pm (\text{stat.}) \pm (\text{syst.}) \pm (\text{lumi.})$

ATLAS, $L_{\text{int}} = 140 \text{ fb}^{-1}$
ATLAS-CONF-2023-026*

CMS, $L_{\text{int}} = 35.9 \text{ fb}^{-1}$
PLB 800 (2019) 135042

* Preliminary

