

$\sqrt{s}$	Process	Accuracy	$\sigma_{\text{theo.}}$ [pb]
7 TeV	$t$ -channel	NLO <sup>†</sup>	$63.9_{-1.3}^{+1.9}$ (scale) $\pm 2.2$ (PDF+ $\alpha_s$ ) $\pm 0.7$ ( $m_t$ ) $\pm 0.1$ ( $E_{\text{beam}}$ )
		NLO+NNLL	$64.6_{-1.7}^{+2.6}$ (scale+PDF+ $\alpha_s$ )
		NNLO	$63.7_{-0.3}^{+0.5}$ (scale)
	$tW$	NLO	$13.2_{-0.6}^{+0.5}$ (scale) $\pm 1.3$ (PDF+ $\alpha_s$ )
		NLO+NNLL <sup>†</sup>	$15.74 \pm 0.40$ (scale) $_{-1.14}^{+1.10}$ (PDF+ $\alpha_s$ ) $\pm 0.28$ ( $m_t$ ) $\pm 0.04$ ( $E_{\text{beam}}$ )
	s-channel	NLO <sup>†</sup>	$4.29_{-0.10}^{+0.12}$ (scale) $\pm 0.14$ (PDF+ $\alpha_s$ ) $\pm 0.10$ ( $m_t$ ) $\pm 0.01$ ( $E_{\text{beam}}$ )
		NLO+NNLL	$4.63_{-0.18}^{+0.20}$ (scale+PDF+ $\alpha_s$ )
8 TeV	$t$ -channel	NLO <sup>†</sup>	$84.7_{-1.7}^{+2.6}$ (scale) $\pm 2.8$ (PDF+ $\alpha_s$ ) $\pm 0.8$ ( $m_t$ ) $\pm 0.2$ ( $E_{\text{beam}}$ )
		NLO+NNLL	$87.8_{-1.9}^{+3.4}$ (scale+PDF+ $\alpha_s$ )
		NNLO	$84.2_{-0.2}^{+0.3}$ (scale)
	$tW$	NLO	$18.77_{-0.82}^{+0.77}$ (scale) $\pm 1.70$ (PDF+ $\alpha_s$ )
		NLO+NNLL <sup>†</sup>	$22.37 \pm 0.60$ (scale) $\pm 1.40$ (PDF+ $\alpha_s$ ) $\pm 0.38$ ( $m_t$ ) $\pm 0.06$ ( $E_{\text{beam}}$ )
	s-channel	NLO <sup>†</sup>	$5.24_{-0.12}^{+0.15}$ (scale) $\pm 0.16$ (PDF+ $\alpha_s$ ) $\pm 0.12$ ( $m_t$ ) $\pm 0.01$ ( $E_{\text{beam}}$ )
		NLO+NNLL	$5.61 \pm 0.22$ (scale+PDF+ $\alpha_s$ )