

Top quark $p_T$ interval (GeV)		[0; 50]	[50; 80]	[80; 120]	[120; 180]	[180; 300]
$\frac{1}{\sigma_{t\bar{t}}}\frac{d\sigma_{t\bar{t}}}{dp_T}$ (1/GeV)		$7.1\times 10^{-3}$	$8.8\times 10^{-3}$	$5.6\times 10^{-3}$	$2.0\times 10^{-3}$	$3.4\times 10^{-4}$
Profiled uncertainties	Statistical	$\pm 2.6\%$	$\pm 1.7\%$	$\pm 3.4\%$	$\pm 5.4\%$	$\pm 7.1\%$
	$t\bar{t}/tW$ normalisation	$\pm 0.4\%$	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 2.2\%$	$\pm 3.7\%$
	W/Z/ $\gamma^*$ +jets normalisation	$\pm 0.5\%$	$\pm 0.3\%$	$\pm 0.4\%$	$\pm 1.9\%$	$<0.1\%$
	Multijet normalisation	$\pm 0.4\%$	$\pm 0.3\%$	$<0.1\%$	$\pm 1.2\%$	$\pm 1.3\%$
	Multijet shape	$\pm 0.4\%$	$\pm 0.2\%$	$\pm 0.3\%$	$\pm 1.3\%$	$<0.1\%$
	Jet energy scale and resolution	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.3\%$	$\pm 1.8\%$	$<0.1\%$
	b tagging efficiencies and misidentification	$\pm 0.2\%$	$\pm 0.2\%$	$\pm 0.2\%$	$\pm 0.5\%$	$\pm 0.3\%$
	Others	$\pm 0.3\%$	$\pm 0.3\%$	$<0.1\%$	$\pm 1.5\%$	$\pm 0.6\%$
	Theoretical uncertainties	Top quark mass	$\pm 1.4\%$	$<0.1\%$	$<0.1\%$	$\pm 0.9\%$
PDF+ $\alpha_S$		$\pm 0.1\%$	$<0.1\%$	$\pm 0.3\%$	$<0.1\%$	$\pm 0.2\%$
$t$ channel renormalisation and factorisation scales		$\pm 0.9\%$	$\pm 0.8\%$	$\pm 1.2\%$	$\pm 0.4\%$	$\pm 5.7\%$
$t$ channel parton shower		$\pm 3.7\%$	$\pm 4.6\%$	$\pm 1.6\%$	$\pm 7.3\%$	$\pm 5.4\%$
$t\bar{t}$ renormalisation and factorisation scales		$\pm 0.5\%$	$\pm 0.6\%$	$\pm 0.2\%$	$\pm 2.2\%$	$\pm 2.1\%$
$t\bar{t}$ parton shower		$\pm 4.0\%$	$\pm 2.3\%$	$\pm 1.9\%$	$\pm 7.6\%$	$\pm 17.4\%$
$t\bar{t}$ underlying event tune		$\pm 1.5\%$	$\pm 1.0\%$	$\pm 0.3\%$	$\pm 6.3\%$	$\pm 0.2\%$
$t\bar{t}$ $p_T$ reweighting		$\pm 0.2\%$	$\pm 0.2\%$	$\pm 0.3\%$	$<0.1\%$	$\pm 1.2\%$
W+jets renormalisation and factorisation scales		$\pm 0.6\%$	$\pm 0.4\%$	$\pm 0.8\%$	$\pm 1.8\%$	$\pm 1.5\%$
Color reconnection		$\pm 1.1\%$	$\pm 1.6\%$	$\pm 2.4\%$	$\pm 4.0\%$	$\pm 6.1\%$
Fragmentation model	$\pm 1.3\%$	$\pm 1.0\%$	$\pm 0.8\%$	$\pm 3.2\%$	$\pm 4.6\%$	
Profiled uncertainties only (statistical+experimental)		$\pm 2.8\%$	$\pm 1.9\%$	$\pm 3.5\%$	$\pm 6.8\%$	$\pm 9.0\%$
Total uncertainties		$\pm 6.9\%$	$\pm 6.3\%$	$\pm 5.3\%$	$\pm 15.3\%$	$\pm 25.4\%$