

Source	Uncertainty [%]
Trigger	0.3
Lepton ident./isolation	2.0
Muon momentum scale	0.1
Electron momentum scale	0.1
Jet energy scale	0.4
Jet energy resolution	0.4
b tagging	0.4
Pileup	0.1
$t\bar{t}$ ME scale	0.2
tW ME scale	0.2
DY ME scale	0.1
PDF	1.1
Top quark p_T	0.5
ME/PS matching	0.2
UE tune	0.3
$t\bar{t}$ ISR scale	0.4
tW ISR scale	0.1
$t\bar{t}$ FSR scale	0.8
tW FSR scale	0.1
b quark fragmentation	0.7
b hadron BF	0.1
Colour reconnection	0.3
DY background	0.9
tW background	1.1
Diboson background	0.2
W+jets background	0.2
$t\bar{t}$ background	0.2
Statistical	0.2
Integrated luminosity	2.5
MC statistical	1.1
Total $\sigma_{t\bar{t}}^{\text{vis}}$ uncertainty	3.8
Extrapolation uncertainties	
$t\bar{t}$ ME scale	$\mp_{0.1}^{0.3}$
PDF	$\pm_{0.6}^{0.8}$
Top quark p_T	$\mp_{<0.1}^{0.5}$
$t\bar{t}$ ISR scale	$\mp_{<0.1}^{0.1}$
$t\bar{t}$ FSR scale	$\pm_{<0.1}^{0.1}$
UE tune	<0.1
Total $\sigma_{t\bar{t}}$ uncertainty	4.0