

Name	Contribution [%]
Trigger	0.3
Lepton ID/isolation	2.0
Electron energy scale	0.1
Muon energy 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-fragmentation	0.7
B-hadron BF	0.1
Color 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
Luminosity	2.5
MC statistical	1.1
Total (vis)	3.8
$\sigma_{t\bar{t}}^{\text{vis}}$ (13 TeV)	25.61 pb
$t\bar{t}$ ME scale (extr)	$\mp_{0.1}^{0.3}$
PDF (extr)	$\pm_{0.6}^{0.8}$
Top quark $p_T$ (extr)	$\mp_{<0.1}^{0.5}$
$t\bar{t}$ ISR scale (extr)	$\mp_{<0.1}^{0.1}$
$t\bar{t}$ FSR scale (extr)	$\pm_{<0.1}^{0.1}$
UE tune (extr)	$\mp_{<0.1}^{0.1}$
Total	$\pm_{4.0}^{4.0}$
$\sigma_{t\bar{t}}$ (13 TeV)	803 pb