

Uncertainty (# of parameters)	Type	Process	Channel
Jet energy scale (17)	shape	all	all
Jet energy resolution (4)	shape	all	all
Unclustered p_T^{miss} (4)	shape	all	all
b tagging heavy-flavor jets (20)	shape	all	all
b tagging light jets (5)	shape	all	all
Single-electron trigger	shape	all	ej
Single-muon trigger (5)	shape	all	μj
Dilepton triggers (12)	shape	all	ee, $e\mu$, $\mu\mu$
Electron identification (2)	shape	all	ej, ee, $e\mu$
Muon identification (10)	shape	all	μj , $e\mu$, $\mu\mu$
ECAL L1 trigger inefficiency (3)	shape	all	all
Pileup	shape	all	all
Integrated luminosity (5)	norm.	all	all
Top quark Yukawa coupling	shape	FO pQCD $t\bar{t}$	all
EW correction scheme	shape	FO pQCD $t\bar{t}$	all
m_t	shape	FO pQCD $t\bar{t}$, Φ	all
ME μ_R (5)	shape	FO pQCD $t\bar{t}$, Φ , single t, Z+jets	all
ME μ_F (6)	shape	FO pQCD $t\bar{t}$, Φ , η_t , single t, Z+jets	all
PS ISR (6)	shape	FO pQCD $t\bar{t}$, Φ , η_t , single t, Z+jets	all
PS FSR (6)	shape	FO pQCD $t\bar{t}$, Φ , η_t , single t, Z+jets	all
Color reconnection (2)	shape	FO pQCD $t\bar{t}$	all
h_{damp}	shape	FO pQCD $t\bar{t}$	all
PDF (2)	shape	FO pQCD $t\bar{t}$	all
Single top quark normalization	norm.	Single t	all
EW+QCD normalization	norm.	EW+QCD	ℓj
EW+QCD shape (20)	shape	EW+QCD	ℓj
$t\bar{t}V$ normalization	norm.	$t\bar{t}V$	$\ell\ell$
Z+jets normalization	norm.	Z+jets	$\ell\ell$
Diboson normalization	norm.	Diboson	$\ell\ell$