

Uncertainty source	Down variation [%]	Up variation [%]
Heavy-flavor tagging	56.4	56.7
Theoretical background cross sections	39.6	33.4
PDF	19.6	32.5
Statistical uncertainty	36.9	31.4
Top quark p_{T} reweighting	31.5	29.8
Jet energy scale	26.8	24.5
$\mu_{\text{r}}/\mu_{\text{f}}$	17.3	24.3
Unclustered energy	22.0	21.2
Nonprompt-lepton bkg. estimate	22.3	17.7
Parton shower ISR/FSR	11.0	17.1
Pileup	8.4	12.9
Jet pileup identification	12.3	12.1
Jet energy resolution	9.7	11.0
Integrated luminosity	4.4	5.5
L1 trigger inefficiency	5.2	3.5
Lepton energy scale	4.9	0.6
Lepton trigger efficiencies	4.0	3.8
Electron reconstruction	0.0	0.6
Lepton identification	0.0	0.0