

Source	Uncertainty (%)	Impact on $\sigma(\text{t}\bar{\text{t}}\text{t}\bar{\text{t}})$ (%)
Integrated luminosity	2.3–2.5	2
Pileup	0–5	1
Trigger efficiency	2–7	2
Lepton selection	2–10	2
Jet energy scale	1–15	9
Jet energy resolution	1–10	6
b tagging	1–15	6
Size of simulated sample	1–25	<1
Scale and PDF variations †	10–15	2
ISR/FSR (signal) †	5–15	2
$\text{t}\bar{\text{t}}\text{H}$ (normalization) †	25	5
Rare, $X\gamma$ , $\text{t}\bar{\text{t}}\text{V}\text{V}$ (norm.) †	11–20	<1
$\text{t}\bar{\text{t}}\text{Z}$ , $\text{t}\bar{\text{t}}\text{W}$ (norm.) †	40	3–4
Charge misidentification †	20	<1
Nonprompt leptons †	30–60	3
$N_{\text{jets}}^{\text{ISR/FSR}}$	1–30	2
$\sigma(\text{t}\bar{\text{t}}\text{b}\bar{\text{b}})/\sigma(\text{t}\bar{\text{t}}\text{j}\bar{\text{j}})$ †	35	11