

Uncertainty (%)	Signal	Misidentified $e/\mu/\tau_h$	DY+jets	Top quark backgrounds	Rare SM
τ_h efficiency	5–11	0.1–5	5–10	4–10	0.1–10
Electron efficiency ($e\mu, e\tau_h$)	3	—	3	3	3
Muon efficiency ($e\mu, \mu\tau_h$)	2	—	2	2	2
Isolation extrapolation ($e\tau_h, \mu\tau_h, \tau_h\tau_h$)	—	15–35	—	—	—
Misidentified τ_h correlations ($\tau_h\tau_h$)	—	8–13	—	—	—
QCD multijet normalization ($e\mu$)	—	50	—	—	—
τ_h energy scale ($e\tau_h, \mu\tau_h, \tau_h\tau_h$)	0.1–23	—	1–34	0.1–24	0.1–33
Jet energy scale	0.1–45	—	0.5–24	0.5–39	0.1–67
Jet energy resolution	1–4	—	29–61	3–10	11–31
Unclustered energy	0.1–41	—	2–42	0.1–41	0.1–100
Electron energy scale ($e\mu, e\tau_h$)	0.1–22	—	0.5–5	0.1–13	0.1–100
Muon energy scale ($e\mu, \mu\tau_h$)	0.1–11	—	0.1–18	0.1–11	0.1–100
b tagging	0.5–3	1–4	0.1–3	4–20	0.1–2
Drell-Yan mass and p_T	—	—	0.5–29	—	—
Background cross sections	—	—	2–20	5–20	10–20
Fast vs. full simulation	1–30	—	—	—	—
Integrated luminosity	2.5	—	—	—	2.5