

Uncertainty		Process			Variation	Correlated across	
		Sim.	τ -emb.	F_F		Years	Processes
τ -emb.	Acceptance	—	✓	—	4%	—	—
	$t\bar{t}$ fraction	—	✓	—	0.1–10%	—	—
μ	Id	✓	✓	—	2%	✓	✓
	Trigger	✓	✓	—	2%	—	✓
	p_μ scale	✓	✓	—	0.4–2.7%	✓	✓
e	Id	✓	✓	—	2%	✓	✓
	Trigger	✓	✓	—	2%	—	✓
	E_e scale	✓	✓	—	See text	✓	✓
τ_h	Id	✓	✓	—	3–5%	—	✓
	Trigger	✓	✓	—	5–10%	—	✓
	E_{τ_h} scale	✓	✓	—	0.2–1.1%	—	✓
$\mu \rightarrow \tau_h$	Mis-Id	✓	—	—	10–70%	—	—
	E_{τ_h} scale	✓	—	—	2%	—	—
$e \rightarrow \tau_h$	Mis-Id	✓	—	—	40%	—	—
	E_{τ_h} scale	✓	—	—	1.0–2.5%	—	—
Z boson p_T reweighting		✓	—	—	10–20%	✓	—
E_{Jet} scale and resolution		✓	—	—	0.1–10%	✓	✓
b-jet (mis-)Id		✓	—	—	(1) 10%	—	✓
p_T^{miss} calibration		✓	—	—	See text	✓	✓
ECAL timing shift		✓	—	—	2–3%	✓	✓
t quark p_T reweighting		✓	—	—	See text	✓	—
Integrated luminosity		✓	—	—	1.6%	✓	✓
Process normalizations		✓	—	—	See text	✓	—
Signal acceptance		✓	—	—	1–10%	✓	—
F_F	Sample size	—	—	✓	3–5%	—	—
	Nonclosure	—	—	✓	10%	—	—
	Non- F_F processes	—	—	✓	7%	—	—
	F_F proc. composition	—	—	✓	7%	—	—