

Uncertainty		Process				Correlated across	
		Sim.	τ -emb.	F_F	Variation	Years	Processes
τ -emb.	Acceptance	—	✓	—	4%	—	—
	$t\bar{t}$ fraction	—	✓	—	0.1–10%	—	—
	Id	✓	✓	—	2%	✓	✓
μ	Trigger	✓	✓	—	2.0%	—	✓
	p_μ scale	✓	✓	—	0.1–2.0%	✓	✓
	Id	✓	✓	—	2%	✓	✓
e	Trigger	✓	✓	—	2%	—	✓
	E_e scale	✓	✓	—	See text	✓	✓
	Id	✓	✓	—	3–5%	—	✓
τ_h	Trigger	✓	✓	—	5–10%	—	✓
	E_{τ_h} scale	✓	✓	—	0.2–1.1%	—	✓
$\mu \rightarrow \tau_h$	Miss-Id	✓	—	—	10–70%	—	—
	E_{τ_h} scale	✓	—	—	2%	—	—
$e \rightarrow \tau_h$	Miss-Id	✓	—	—	40%	—	—
	E_{τ_h} scale	✓	—	—	1.0–2.5%	—	—
	Z boson p_T reweighting	✓	—	—	10–20%	✓	—
	E_{jet} scale & resolution	✓	—	—	0.1–10%	✓	✓
	b-jet (miss-)Id	✓	—	—	1–10%	—	✓
	p_T^{miss} calibration	✓	—	—	See text	✓	✓
	ECAL timing shift	✓	—	—	2–3%	✓	✓
	t quark p_T reweighting	✓	—	—	See text	✓	—
	Luminosity	✓	—	—	2.3–2.5%	✓	✓
	Process normalizations	✓	—	—	See text	✓	—
	Signal acceptance	✓	—	—	18–20%	✓	—
	Statistics	—	—	✓	3–5%	—	—
F_F	Non-closure	—	—	✓	10%	—	—
	Non- F_F processes	—	—	✓	7%	—	—
	F_F proc. composition	—	—	✓	7%	—	—