

Source	Component	Type	Magnitude	Processes	Era correlation
Luminosity		norm.	1–2.5%	all simulations	partial
L1 prefiring		shape	0.02–0.06%	all simulations	no
Pileup		shape	1–4%	all simulations	no
Muon	Energy scale	shape	1–3%	all simulations	no
	Identification	shape	0.01–0.03%	all simulations	yes
	Resolution	shape	< 0.01%	all simulations	yes
	Isolation	shape	0.005–0.01%	all simulations	yes
Electron	Energy scale	shape	< 1%	all simulations	no
	Identification	shape	0.2–0.8%	all simulations	yes
	Resolution	shape	< 0.01%	all simulations	no
τ_h	Identification	shape	15–20%	all simulations	partial
	Trigger	norm.	8–11%	all simulations	no
	Energy scale	shape	10–30%	all simulations	no
	Fake factor	shape	10–15%	nonprompt	no
	Nonprompt norm.	norm.	30%	nonprompt	yes
AK4 jet	Energy scale	shape	5–15%	all simulations	no
	Energy resolution	shape	1–10%	all simulations	no
AK8 jet	LSF	shape	5–10%	all simulations	no
Theory	PDF	norm.	1–20%	signals	yes
	μ_R, μ_F	shape	4–15%	signals	yes
Per-bin stat. unc.		shape	–	all simulations	yes