

	shape	V+jets	Top	VV	Signal
α -function	✓	✓	-	-	-
Bkg. normalization		10–35%	-	-	-
Top scale factors		-	4–25% (0, 1 ℓ)	-	-
jet energy scale	✓	-	7% (2 ℓ)	5%	1–3%
jet energy resolution	✓	-	-	-	2–3%
E_T^{miss} scale and res.		-	-	1% (0 ℓ)	1% (0 ℓ)
leptons and trigger		-	7–9% (μ), 6–8% (e), 3% (0 ℓ)		
b-tagging		-	20% (2 ℓ)	5% (1b)	15–4% (1b)
				12% (2b)	8–30% (2b)
parton shower		-	-	-	7%
QCD scales	✓	-	20% (2 ℓ)	5%	4–12%
PDF		-	1% (2 ℓ)	1%	1–3%
pile-up		-	3% (2 ℓ)	3%	0.5%
luminosity		-	2.7% (2 ℓ)		2.7%
cross section		-	20% (2 ℓ)	20%	-