

Source	Shape	Signal	V+jets	SM EW	SM QCD VV	top
QCD scale	✓	9-20	—	12	30	—
PDF unc.	✓	15	—	10	10	—
Jet momentum scale	✓	1-9	—	1-9	3.0-15	5.0-7.0
V-jet selection		8.0	—	8.0	8.0	—
GM model EW		7.0	—	—	—	—
bkg. normalization		—	7-16	—	—	2.0
V+jets shape	✓	—	shape	—	—	—
Integrated luminosity		2.5	—	2.5	2.5	—
Lepton efficiency		1.0-2.0	—	1.0-2.0	1.0-2.0	—
Lepton momentum scale	✓	0.2-0.4	—	0.5	1.0-1.3	1.0
b-quark jet efficiency		2.0	—	2.0	2.0	3.0
Jet/MET resolution		4.0	—	3.0	2.0	—
Pileup modeling		4.0	—	4.0	4.0	—
Limited MC stat.	✓	shape	—	shape	shape	shape