

Systematic source	Uncertainty (%)		
	M_J [GeV]		
	500 – 800	800 – 1100	> 1100
MC statistics	3.6	2.8	2.4
Combination of renormalization and factorization scales	0.3	0.2	0.8
Renormalization scale	0.4	0.0	0.0
Factorization scale	0.3	0.2	0.8
Muon efficiency	0.0	0.0	0.0
Electron efficiency	0.4	0.4	0.4
Jet energy resolution	0.7	0.5	0.5
Jet energy scale	0.5	1.0	3.6
Across-year correlated b-tag scale factor for light-flavor jet	2.6	2.6	2.4
Across-year uncorrelated b-tag scale factor for light-flavor jet	1.1	1.2	1.1
Across-year correlated b-tag scale factor for heavy-flavor jet	9.7	10.0	10.6
Across-year uncorrelated b-tag scale factor for heavy-flavor jet	8.0	8.3	9.2
Pileup	0.8	0.8	1.0
Initial state radiation	1.0	1.0	1.0
Trigger efficiency	1.0	1.0	1.0
Gluon splitting	0.4	0.7	1.2
Total	13.6	13.9	15.3