

Uncertainty	$300 \leq m_{\text{LQ}} \leq 3000 \text{ GeV}$		$m_{\text{LQ}} = 1800 \text{ GeV}$	
	Signal (%)	Background (%)	Signal (%)	Background (%)
b jet tagging efficiency	2–16	1–23	9	6
Jet energy resolution	<1	1–17	<1	6
Jet energy scale	0–2	1–22	<1	9
Integrated luminosity	4	0–1	4	1
Muon energy resolution	<1	0–14	<0.1	5
Muon energy scale	0–3	3–32	<1	12
Muon identification	2	<1	2	1
Muon isolation	<1	<1	<1	<1
Muon reconstruction	1–63	0–8	17	2
Muon trigger	0–1	<1	1	<1
L1 prefire weighting	1	0–3	1	2
Pileup	<1	0–18	<1	4
PDF	—	5–29	—	16
Top quark p_{T} reweighting	—	3–4	—	4
$t\bar{t}$ normalization	—	1–2	—	1
$t\bar{t}$ shape	—	3–23	—	19
Diboson normalization	—	0–13	—	2
Diboson shape	—	0–10	—	1
Z/γ^* +jets normalization	—	1–25	—	4
Z/γ^* +jets shape	—	0–12	—	3
Total syst. uncertainty	5–65	7–72	20	32
Total stat. uncertainty	0–3	22–100	<1	100