

Uncertainty source	Background	$[m_{\tilde{\tau}}(100), c\tau_0(50)]$	$[m_{\tilde{\tau}}(100), c\tau_0(100)]$	$[m_{\tilde{\tau}}(200), c\tau_0(50)]$	$[m_{\tilde{\tau}}(200), c\tau_0(100)]$
μ_R scale	–	0.1, 0.3, 1.4%	0.1, 0.5, 1.3%	0.1%	0.1%
μ_F scale	–	0.6, 4.3, 7.1%	1.3, 5.1, 7.1%	0.6, 1.1, 2.9%	0.6, 0.9, 2.8%
parton distribution function	–	3.5, 3.8, 6.0%	2.9, 4.2, 6.4%	4.0, 4.6, 5.9%	3.9, 4.4, 5.2%
p_T^{miss} trigger	–	1.6, 16, 20%	1.6, 15, 20%	1.7, 14, 16%	1.6, 14, 16%
DISTAU identification	–	17, 18, 19%	17, 18, 19%	17%	18%
Jet energy resolution	–	0.2, 0.5, 7.4%	0.1, 0.8, 4.3%	0.2%	0.2%
Jet energy scale	–	0.8, 2.4, 7.4%	0.7, 3.2, 10.2%	0.4, 1.4, 2.5%	0.5, 1.1, 2.5%
p_T^{miss} unclustered energy	–	0.3, 0.9, 7.4%	0.3, 1.1, 8.9%	0.3%	0.3%
Luminosity	–	1.7%	1.7%	1.7%	1.7%
Pileup	–	0.7, 1.2, 3.3%	0.6, 1.0, 5.1%	0.6%	0.6%
Misid. prob. estimation region	11, 11, 13%	–	–	–	–
Misid. prob. statistics	15, 30, 57%	–	–	–	–
Alternate misid. bkg. prediction	8.5, 24, 53%	–	–	–	–
Misid. bkg. correction from BRT1	2.8, 5.2, 8.1%	–	–	–	–