

Uncertainty source	Background	$m_{\tilde{\tau}}(100)$ $c\tau_0(50)$	$m_{\tilde{\tau}}(100)$ $c\tau_0(100)$	$m_{\tilde{\tau}}(200)$ $c\tau_0(50)$	$m_{\tilde{\tau}}(200)$ $c\tau_0(100)$
Parton distribution function	—	3.5, 3.8, 6	2.9, 4.2, 6.4	4, 4.6, 5.9	3.9, 4.4, 5.2
μ_{R} scale	—	<0.1, 0.29, 1.4	<0.1, 0.46, 1.3	<0.1	0.1
μ_{F} scale	—	0.62, 4.3, 7.1	1.3, 5.1, 7.1	0.63, 1.1, 2.9	0.65, 0.94, 2.8
Jet energy scale	—	0.83, 2.4, 7.4	0.68, 3.2, 10	0.39, 1.4, 2.5	0.47, 1.1, 2.5
Jet energy resolution	—	0.19, 0.54, 7.4	0.14, 0.82, 4.3	0.22	0.17
$p_{\text{T}}^{\text{miss}}$ unclustered energy	—	0.26, 0.9, 7.4	0.31, 1.1, 8.9	0.28	0.33
Pileup	—	0.66, 1.2, 3.3	0.62, 0.98, 5.1	0.61	0.59
Integrated luminosity	—	1.7	1.7	1.7	1.7
$p_{\text{T}}^{\text{miss}}$ 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
Misid. probability estimation region	11, 11, 13	—	—	—	—
Misid. probability sample size	15, 30, 57	—	—	—	—
Alternative bkg. prediction	8.5, 24, 53	—	—	—	—
Bkg. correction from BRT1	2.8, 5.2, 8.1	—	—	—	—