

Systematic effect	Uncertainty (%)			
	SRSL1a	SRSL1b	SRSL1c	SRSL2
Pileup	0.5	0.8	3.0	0.5
$W$ $p_T$ reweighting	7.1	8.8	8.1	3.7
$t\bar{t}$ $p_T$ reweighting	0.8	0.5	0.1	5.4
Jet energy scale	2.4	3.2	2.1	6.0
Jet energy resolution	1.1	4.4	7.3	3.4
b tagging	0.1	0.1	0.5	1.3
$W$ polarization	2.9	2.8	3.9	0.8
Muon efficiency	3.5	3.5	3.5	3.5
$W$ +jets validation	8.8	18.1	21.7	10.2
$t\bar{t}$ validation	1.0	0.9	1.7	8.4
Other backgrounds	3.8	2.4	9.8	3.6
Total uncertainty	13.1	21.5	27.0	17.1