

Source	Uncertainty (%)				
	$\mu, 7 \text{ TeV}$	$\mu, 8 \text{ TeV}$	$e, 8 \text{ TeV}$	$\mu + e, 8 \text{ TeV}$	$7+8 \text{ TeV}$
Statistical	34	15	14	10	11
$t\bar{t}$ , single top quark rate	29	15	14	12	14
$W/Z$ +jets, diboson rate	23	11	13	12	12
Multijet rate	9	3	5	2	2
Lepton efficiency	14	1	2	1	3
Hadronic trigger	5	—	—	—	1
Luminosity	10	5	6	4	6
JER & JES	66	39	29	34	18
b tagging & mistag	34	15	14	14	16
Pileup	6	11	7	9	7
Unclustered $\cancel{E}_T$	5	8	2	6	5
$\mu_R, \mu_F$ scales	54	34	31	30	28
Matching thresholds	43	11	12	7	17
PDF	12	8	7	7	9
Top quark $p_T$ reweighting	3	5	7	6	6
Total uncertainty	115	64	54	55	47