

Source	$e^\pm\mu^\mp$		$\mu^\pm\mu^\mp$	
	$\Delta\sigma_{\bar{t}t}/\sigma_{\bar{t}t}$ (%)	$\Delta\sigma_{\bar{t}t}$ (pb)	$\Delta\sigma_{\bar{t}t}/\sigma_{\bar{t}t}$ (%)	$\Delta\sigma_{\bar{t}t}$ (pb)
Electron efficiency	1.4	1.0	—	—
Muon efficiency	3.0	2.3	6.1	3.6
Jet energy scale	1.3	1.0	1.3	0.7
Jet energy resolution	<0.1	<0.1	<0.1	<0.1
Missing transverse momentum	—	—	0.7	0.4
$\mu_R, \mu_F$ scales of $\bar{t}t$ signal (PS)	1.2	0.9	1.7	1.0
$\mu_R, \mu_F$ scales of $\bar{t}t$ signal (ME)	0.2	0.1	1.1	0.6
Hadronization model of $\bar{t}t$ signal	1.2	0.9	5.2	3.1
PDF	0.5	0.4	0.4	0.2
MC sample size	1.4	1.1	2.4	1.4
tW background	1.4	1.1	1.6	0.9
WV background	0.7	0.5	0.9	0.5
Z/ $\gamma^*$ background	2.7	2.1	15	9.1
Non-W/Z background	2.5	1.9	0.7	0.4
Total systematic uncertainty (w/o integrated luminosity)	5.8	4.4	18	11
Integrated luminosity	2.3	1.8	2.3	1.4
Statistical uncertainty	25	19	48	29
Total uncertainty	25	19	52	31