

	$\Delta R/R$	$\Delta\sigma/\sigma(t)$	$\Delta\sigma/\sigma(\bar{t})$
PDF t channel	1.4	0.7	0.6
PS-scale t channel	1.1	12.5	13.8
ME-PS scale matching t channel	0.2	1.5	1.8
μ_R/μ_F scale t channel	0.1	6.3	6.2
QCD normalization	2.1	1.7	3.8
JES	1.9	6.6	8.4
$t\bar{t}$ modeling and normalization	1.9	0.8	3.2
Top quark p_T	1.2	4.0	5.2
MC sample size	0.9	1.8	0.5
μ_R/μ_F scale	0.8	1.0	0.3
Pileup	0.4	1.4	1.8
Muon and electron efficiencies	0.3	0.1	0.5
JER	0.2	0.4	0.7
b tagging	0.2	1.2	1.4
PDF	0.1	0.1	0.2
Unclustered energy	0.1	0.4	0.6
W/Z+jets normalization	0.1	0.9	0.9
tW normalization	< 0.1	0.2	0.2