

Source of uncertainty	SM processes	
	Change in yields	Change in $m_{T2}(\ell\ell)$ shape
Integrated luminosity	1–3%	—
Trigger efficiency	2%	< 1%
Pileup	$\leq 2\%$	2–20%
Jet energy scale	3–8%	2–10%
Jet energy resolution	1–2%	2–8%
Unclustered energy	1–2%	2–13%
Lepton ident./isolation	2–4%	$\leq 15\%$
b tagging	$\leq 5\%$	$\leq 6\%$
b tagging (light jets)	< 1%	$\leq 3\%$
Simulated samples statistics	$\leq 3\%$	4–37%
Renorm./fact. scales	2–23%	1–15%
PDFs	$\leq 2\%$	$\leq 9\%$
Drell–Yan normalization	$\leq 7\%$	$\leq 26\%$
tW normalization	1–2%	$\leq 3\%$
Minor bkg. normalization	$\leq 3\%$	1–8%
$m_{T2}(\ell\ell)$ tails	1–2%	5–20%
Nonprompt leptons	< 1%	$\leq 8\%$
$t\bar{t}$ p_T reweighting	1–6%	1–6%