

Source	Uncertainty	Channel	
		Prior uncertainty	Lepton+jets
$t\bar{t}$ cross section	$\pm 8\%$	\oplus	\oplus
W+jets cross section	$\pm 6\%$	\odot	
Z+jets cross section	$\pm 20\%$	\odot	
Single-top cross section	$\pm 20\%$	\odot	
Diboson cross section	$\pm 20\%$	\odot	
Integrated luminosity	$\pm 2.7\%$	\oplus	\oplus
Pileup modeling	$\pm 1\sigma$	\oplus	\oplus
Muon identification	$\pm 1\sigma(p_T, \eta)$	\odot	
Muon trigger	$\pm 1\sigma(p_T, \eta)$	\odot	
Electron identification	$\pm 1\sigma(p_T, \eta)$	\odot	
Electron trigger	$\pm 2\%$	\odot	
Jet energy scale	$\pm 1\sigma(p_T, \eta)$	\oplus	\oplus
Jet energy resolution	$\pm 1\sigma(\eta)$	\oplus	\oplus
Jet b tagging efficiency	$\pm 1\sigma(p_T, \eta)$	\odot	
Jet b mistag rate	$\pm 1\sigma(p_T, \eta)$	\odot	
Subjet b tagging efficiency	$\pm 1\sigma(p_T, \eta)$		\odot
Jet t tagging efficiency	unconstrained	\oplus	\oplus
Lepton+jets channel t mistag rate	$\pm 19\%$	\odot	
Fully hadronic channel t mistag rate	$\pm 1\sigma(p)$		\odot
PDFs	$\pm 1\sigma$	\oplus	\oplus
$t\bar{t}$ matrix element scale	$\pm 1\sigma$	\oplus	\oplus
$t\bar{t}$ parton shower scale	$\pm 1\sigma$	\oplus	\oplus
W+jets matrix element scale	$\pm 1\sigma$	\odot	
NTMJ background kinematics	$\pm 1\sigma$		\odot
NTMJ background closure test	$\pm 1\sigma$		\odot