

Systematic uncertainty	Rate 1 b tag	Rate 2 b tag	Type	Process
b-tagging efficiency	9–14%	12–17%	rate + shape	t bkg and signal
t-tagging efficiency	8–14%	8–14%	rate + shape	t bkg and signal
W-tagging efficiency	0.1–6%	0.1–6%	rate + shape	t bkg and signal
Jet energy scale	0.4–10%	0.1–8%	rate + shape	t bkg and signal
Jet energy resolution	0–2%	0–2%	rate + shape	t bkg and signal
Integrated luminosity	2.3%	2.3%	rate	t bkg and signal
Trigger efficiency	3%	3%	rate	t bkg and signal
PDFs	3–9%	3–8%	rate + shape	t bkg and signal
Pileup reweighting	0–3%	0.1–2 %	rate + shape	t bkg and signal
$\mu_R, \mu_F$	3–44%	1–41%	rate + shape	t bkg and signal
Sideband corr. (fit unc.)	4%	9%	rate + shape	QCD multijet
Sideband corr. (fit form)	1%	2%	rate + shape	QCD multijet
Sideband norm.	50%	50%	rate	QCD multijet