

Systematic Uncertainty Source	Value	Type
Jet b-tag Efficiency	$\pm 1\sigma$	Rate + Shape
Jet t-tag Efficiency	20%	Rate
Jet Energy Scale	$\pm 1\sigma$	Rate + Shape
Jet Energy Resolution	$\pm 1\sigma$	Rate + Shape
Integrated Luminosity Measurement	2.7%	Rate
Parton Distribution Functions	$\pm 1\sigma$	Rate + Shape
Pileup Reweighting	$\pm 1\sigma$	Rate + Shape
Mistag Rate Measurement	$\pm 1\sigma$	Rate + Shape
$t\bar{t}$ Matrix Element Scale	$\pm 1\sigma$	Rate + Shape
$t\bar{t}$ Parton Shower Scale	$\pm 1\sigma$	Rate + Shape
$t\bar{t}$ Cross Section	15%	Rate
NTMJ Jet Kinematics	$\pm 1\sigma$	Rate + Shape
NTMJ Closure Test	$\pm 1\sigma$	Rate + Shape