

Source	Type	Uncertainty	Applied to (q^* / b^* / QBH)
Integrated luminosity	Normalization	1.6%	All
Jet energy scale	Shape (mean)	$\sim 1.0\%$	All
Jet energy resolution	Shape (width)	0.6–1.9%	All
Photon energy scale	Shape (mean)	$\sim 1.0\%$	All
Photon energy resolution	Shape (width)	0.4–1.2%	All
Pileup	Normalization	0.1%	All
High- p_T photon efficiency	Normalization	10.0%	All
HLT efficiency	Normalization	2.5%	All
Signal shape interpolation	Shape (mean)	$\sim 1.0\%$	All
b tag SF uncertainty	Shape (mean)	0.2–3.0%	Only b^*
b tag SF uncertainty	Normalization	7.9–14.3%	Only b^*