

Source	Value	Affected sample	Type	Effect on the total yield
Statistical uncertainties in $C(i, j)$	2–14%	bkg.	bin-by-bin	—
Extrapolation uncertainties in $C(i, j)$	2–22%	bkg.	bin-by-bin	—
Integrated luminosity	2.6%	signal	norm.	2.6%
Muon ID and trigger efficiency	2% per muon	signal	norm.	4%
Track selection and isolation efficiency	5% per track	signal	norm.	10%
MC statistical uncertainties	7–100%	signal	bin-by-bin	4–6%
Theory uncertainties in the signal acceptance				
μ_r and μ_f variations	1%	signal	norm.	1%
PDF	1%	signal	norm.	1%
Effect of b quark loop contribution to $gg \rightarrow H(125)$	3%	signal	norm.	3%