

Uncertainty source	W or Z (AK8)	W or Z (CA15)	Φ or A (AK8)	Φ or A (CA15)
Integrated luminosity	2.5%	2.5%	2.5%	2.5%
Trigger efficiency	2%	2%	2%	2%
Pileup	<1%	<1%	<1%	<1%
$N_2^{1,DDT}$ selection efficiency	4.3%	6%	4.3%	6%
Double-b tag	4% (Z)	8% (Z)	4%	8%
Jet energy scale / resolution	5–15%	5–15%	5–15%	5–15%
Jet mass scale	0.4%	1%	0.4%	1%
Jet mass resolution	8%	8%	8%	8%
Jet mass scale (p_T)	0.4% / [p_T (GeV) / 100]	1% / [p_T (GeV) / 100]	0.4% / [p_T (GeV) / 100]	1% / [p_T (GeV) / 100]
Simulation sample size	2–25%	2–25%	4–20%	4–20%
NLO QCD corrections	10%	10%	—	—
NLO EW corrections	15–35%	15–35%	—	—
NLO EW W/Z decorrelation	5–15%	5–15%	—	—