

Source	Relevant quantity	HP+HP unc. (%)	HP+LP unc. (%)
Jet energy scale	Resonance shape		2
Jet energy resolution	Resonance shape		10
Jet energy scale	Signal yield		<0.1–4.4
Jet energy resolution	Signal yield		<0.1–1.1
Jet mass scale	Signal yield		0.02–1.5
Jet mass resolution	Signal yield		1.3–6.8
Pileup	Signal yield		2
Integrated luminosity	Signal yield		6.2
PDFs ( $W'$ )	Signal acceptance		0.2–1.7
PDFs ( $Z'$ )	Signal acceptance		0.2–1.3
PDFs ( $G_{\text{bulk}}$ )	Signal acceptance		0.6–1.9
PDFs ( $q^*$ )	Signal acceptance		0.2–2.2
Scales ( $W'$ )	Signal acceptance		<0.1
Scales ( $Z'$ )	Signal acceptance		<0.1
Scales ( $G_{\text{bulk}}$ )	Signal acceptance		<0.1
Scales ( $q^*$ )	Signal acceptance		<0.1
Jet mass scale	Migration		<0.1–16.8
Jet mass resolution	Migration		<0.1–17.8
W-tagging $\tau_{21}$	Migration	15.6	21.9
W-tagging $p_T$ -dependence	Migration	7–14	5–11