

Source	Boosted		Resolved	
	Background	Signal	Background	Signal
Integrated luminosity		1.8		1.8
Electron trigger and ID		2.0		2.0
Muon trigger and ID		1.5		1.5
Electron energy scale	0.8	<0.1–0.2	0.9	<0.1
Muon momentum scale	0.5	<0.1–0.1	0.6	<0.1
Jet energy scale	1.0	<0.1–0.1	2.8	0.1–1.9
Jet energy resolution	0.3	<0.1–0.3	0.3	1.0
b tag SF untagged	0.1	1.0–7.4	0.1	0.7–2.2
b tag SF tagged	12	12	3.6	4
Mistag SF untagged	0.3	<0.1–0.2	0.2	0.1
Mistag SF tagged	3.5	0.1–0.3	3.8	0.4–1.0
SM ZV production	12	—	12	—
t + X normalization	4 ( $e\mu$ )	—	4 ( $e\mu$ )	—
V identification ( $\tau_{21}$ )	5 (ZV)	5	—	—
V identification (extrap.)	—	2.6–6.0	—	—
V mass scale	0.6 (ZV)	0.4–0.8	—	—
V mass resolution	5.0 (ZV)	5.0–6.0	—	—
Pileup	0.5	0.1–0.2	0.1	0.1–0.2
SR-to-SB norm. ratio	3 (Z + jets)	—	5 (Z + jets)	—
PDFs	—	1.5–1.6	—	0.3–1.1
QCD renorm./fact. scales	—	0.1–0.3	—	0.2–0.3