

Source	13 TeV (%)	7 TeV (%)
Signal mass shape*	0.0–4.1	0.0–8.5
Radiative tail*	1.0	1.0
Tracking*	(0.1–2.4) $\oplus$ (2 $\times$ 0.8)	(0.7–3.0) $\oplus$ (2 $\times$ 0.4)
Muon ID*	(0.1–1.1) $\oplus$ (0.1–4.6)	(0.7–8.9) $\oplus$ (0.4–5.4)
Trigger*	0.1–9.3	0.0–4.4
Kinematic spectrum	0.0–2.0	0.0–4.9
Luminosity*	3.9	1.7
$\mathcal{B}(\psi(2S) \rightarrow e^+e^-)^*$	2.2	2.2
Simulated sample size (prompt $\psi(2S)$ )	0.7–11.5	1.3–13.1
Simulated sample size ( $\psi(2S)$ -from- $b$ )	0.8–5.7	1.2–9.5
$t_z$ fit* ( $\psi(2S)$ -from- $b$ only)	0.1–8.4	0.1–9.2