

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