

Source	Systematic uncertainty (%)
Luminosity	3.9
Hardware trigger	0.1 – 5.9
Software trigger	1.5
Muon ID	1.8
Tracking	1.9 – 8.2
Radiative tail	1.0
$J/\psi$ vertex fit	0.4
Signal mass shape	1.0
$\mathcal{B}(J/\psi \rightarrow \mu^+ \mu^-)$	0.6
$p_T, y$ spectrum	0.1 – 6.5
Simulation statistics	0.5 – 10.0
$t_z$ fit ( $J/\psi$ -from- $b$ only)	0.1