

Source

Systematic uncertainty

Correlated between bins

Mass fits

2.2

Radiative tail

1.0

Muon identification

1.1

Tracking efficiency

0.8 to 1.1

Track χ^2

2.0

Vertexing

0.3

Model dependence

4.5

 $\mathcal{B}(J/\psi \rightarrow \mu^+ \mu^-)$

1.0

Luminosity

3.8

Uncorrelated between bins

Trigger

1.6 to 7.7

Applied only to J/ψ from b fraction t_z fit

10.0

Applied only to $\sigma(pp \rightarrow b\bar{b}X)$ $\mathcal{B}(b \rightarrow J/\psi X)$

8.6