

Decay channel	N	$m_{\Xi_b^-}^{\text{fit}}$ (MeV)	σ_{eff} (MeV)
$\Xi_b^- \rightarrow J/\psi \Xi^-$	846 ± 40	5797.1 ± 0.6	16.3 ± 1.0
$\Xi_b^- \rightarrow J/\psi \Lambda K^-$	920 ± 98	5798.8 ± 0.9	11.9 ± 1.5
$\Xi_b^- \rightarrow J/\psi \Sigma^0 K^-$	880 ± 170	—	—
$\Xi_b^- \rightarrow \psi(2S) \Xi^-$ (with $\psi(2S) \rightarrow \mu^+ \mu^-$)	74 ± 11	5797.7 ± 1.4	11.1 ± 2.0
$\Xi_b^- \rightarrow \psi(2S) \Xi^-$ (with $\psi(2S) \rightarrow J/\psi \pi^+ \pi^-$)	90 ± 14	5797.2 ± 1.7	13.1 ± 2.8