

Source	$R^{\psi(2S)} \Big _{\psi(2S) \rightarrow \mu^+ \mu^-}$	$R^{\psi(2S)} \Big _{\psi(2S) \rightarrow J/\psi \pi^+ \pi^-}$	$R^{J/\psi \pi^+ \pi^-}$
Fit model	0.8	3.0	3.5
Cross-feed	0.8	0.9	0.9
Efficiency calculation:			
$\Lambda_b^0$ decay model	0.3	0.8	0.8
Reconstruction of additional pions:			
Hadron interaction	–	$2 \times 2.0$	$2 \times 2.0$
Track efficiency correction	–	3.2	2.7
Hadron identification	0.1	0.1	0.2
Trigger	1.1	1.1	1.1
Selection criteria	0.6	0.9	0.2
Simulation sample size	1.0	1.6	1.7
Sum in quadrature	2.0	6.4	6.4