

	$R^+$	$R^{*+}$	$R^{*+} / R^+$
$J/\psi \pi^+$ fit model	4.4	4.4	–
$B_c^+ \pi^+ \pi^-$ fit model	5.9	2.9	2.9
Efficiencies: statistical uncertainty	1.1	1.0	1.4
Efficiencies: dispersion among years	1.8	1.6	0.9
Efficiencies: dipion tracking	4.2	4.2	–
Decay kinematics	1.5	6.9	4.2
Helicity angle	1.0	6.0	3.5
Total systematic uncertainty	8.9	11.5	6.4