

Source of uncertainty	$B^+ \rightarrow J/\psi K^+$	$B^0 \rightarrow J/\psi K^{*0}$	$B^0 \rightarrow J/\psi K_S^0$	$B_s^0 \rightarrow J/\psi \phi$	$\Lambda_b^0 \rightarrow J/\psi \Lambda$	Source of uncertainty	$B^0 \rightarrow J/\psi K^{*0}$	$B^0 \rightarrow J/\psi K_S^0$	$B_s^0 \rightarrow J/\psi \phi$	$\Lambda_b^0 \rightarrow J/\psi \Lambda$
Mass fitting:						Mass fitting:				
– Background model	0.04	0.03	<0.01	0.01	<0.01	– Background model	0.05	0.04	0.04	0.04
– Resolution model	0.01	0.02	0.06	0.02	0.07	– Resolution model	0.02	0.06	0.02	0.07
– Radiative corrections	0.01	0.01	–	–	–	– Radiative corrections	<0.01	0.01	0.01	0.01
Momentum calibration:						Momentum calibration:				
– Average momentum scale	0.30	0.27	0.30	0.22	0.27	– Average momentum scale	0.03	<0.01	0.08	0.03
– η dependence of momentum scale	0.04	<0.01	0.09	0.03	0.02	– η dependence of momentum scale	0.04	0.05	0.01	0.02
Detector description:						Detector description:				
– Energy loss correction	0.10	<0.01	0.05	0.03	0.09	– Energy loss correction	0.10	0.05	0.07	0.01
Detector alignment:						Detector alignment:				
– Vertex detector (track slopes)	0.05	0.04	0.04	0.03	0.04	– Vertex detector (track slopes)	0.01	0.01	0.02	0.01
Quadratic sum	0.33	0.27	0.33	0.23	0.30	Quadratic sum	0.12	0.10	0.12	0.09