

	Empirical model							
$m_{B_J(5840)^0}$	5862.9	±	5.0	±	6.7	±	0.2	
$\Gamma_{B_J(5840)^0}$	127.4	±	16.7	±	34.2			
$m_{B_J(5960)^0}$	5969.2	±	2.9	±	5.1	±	0.2	
$\Gamma_{B_J(5960)^0}$	82.3	±	7.7	±	9.4			
$m_{B_J(5840)^+}$	5850.3	±	12.7	±	13.7	±	0.2	
$\Gamma_{B_J(5840)^+}$	224.4	±	23.9	±	79.8			
$m_{B_J(5960)^+}$	5964.9	±	4.1	±	2.5	±	0.2	
$\Gamma_{B_J(5960)^+}$	63.0	±	14.5	±	17.2			
	Quark model, $B_J(5840)^{0,+}$ natural							
$m_{B_J(5840)^0}$	5889.7	±	22.2	±	6.7	±	0.2	
$\Gamma_{B_J(5840)^0}$	107.0	±	19.6	±	34.2			
$m_{B_J(5960)^0}$	6015.9	±	3.7	±	5.1	±	0.2	± 0.4
$\Gamma_{B_J(5960)^0}$	81.6	±	9.9	±	9.4			
$m_{B_J(5840)^+}$	5874.5	±	25.7	±	13.7	±	0.2	
$\Gamma_{B_J(5840)^+}$	214.6	±	26.7	±	79.8			
$m_{B_J(5960)^+}$	6010.6	±	4.0	±	2.5	±	0.2	± 0.4
$\Gamma_{B_J(5960)^+}$	61.4	±	14.5	±	17.2			
	Quark model, $B_J(5960)^{0,+}$ natural							
$m_{B_J(5840)^0}$	5907.8	±	4.7	±	6.7	±	0.2	± 0.4
$\Gamma_{B_J(5840)^0}$	119.4	±	17.2	±	34.2			
$m_{B_J(5960)^0}$	5993.6	±	6.4	±	5.1	±	0.2	
$\Gamma_{B_J(5960)^0}$	55.9	±	6.6	±	9.4			
$m_{B_J(5840)^+}$	5889.3	±	15.0	±	13.7	±	0.2	± 0.4
$\Gamma_{B_J(5840)^+}$	229.3	±	26.9	±	79.8			
$m_{B_J(5960)^+}$	5966.4	±	4.5	±	2.5	±	0.2	
$\Gamma_{B_J(5960)^+}$	60.8	±	14.0	±	17.2			