

$p_T$ [ GeV/ $c$ ]	$1.5 < y < 2.0$			$2.0 < y < 2.5$			$2.5 < y < 3.0$			$3.0 < y < 3.5$			$3.5 < y < 4.0$		
prompt $J/\psi$															
0.0 – 1.0	69.1 ± 7.7 ± 3.7 ± 2.7			66.3 ± 4.5 ± 0.7 ± 2.6			61.1 ± 4.0 ± 0.8 ± 2.4			54.2 ± 3.3 ± 1.9 ± 2.1			50.7 ± 3.3 ± 2.3 ± 2.0		
1.0 – 2.0	160.2 ± 11.9 ± 12.4 ± 6.2			142.7 ± 6.9 ± 1.6 ± 5.5			132.8 ± 5.5 ± 1.5 ± 5.2			117.3 ± 4.9 ± 0.9 ± 4.6			99.1 ± 4.9 ± 2.4 ± 3.8		
2.0 – 3.0	138.5 ± 9.9 ± 10.0 ± 5.4			125.2 ± 5.4 ± 1.4 ± 4.9			111.8 ± 4.4 ± 0.6 ± 4.3			96.3 ± 4.0 ± 1.4 ± 3.7			86.7 ± 4.9 ± 4.1 ± 3.4		
3.0 – 4.0	85.6 ± 7.0 ± 7.6 ± 3.3			84.5 ± 3.9 ± 1.2 ± 3.3			84.7 ± 3.4 ± 1.9 ± 3.3			64.0 ± 2.9 ± 1.6 ± 2.5			46.6 ± 3.5 ± 0.7 ± 1.8		
4.0 – 5.0	60.4 ± 4.5 ± 4.0 ± 2.3			55.9 ± 2.6 ± 0.9 ± 2.2			45.1 ± 2.0 ± 0.9 ± 1.8			36.3 ± 1.9 ± 0.4 ± 1.4			31.3 ± 2.4 ± 0.6 ± 1.2		
5.0 – 6.0	34.2 ± 3.0 ± 0.9 ± 1.3			30.3 ± 1.7 ± 0.8 ± 1.2			24.5 ± 1.3 ± 0.5 ± 1.0			18.9 ± 1.2 ± 0.3 ± 0.7			10.3 ± 1.4 ± 0.5 ± 0.4		
6.0 – 7.0	17.8 ± 1.9 ± 0.6 ± 0.7			15.5 ± 1.1 ± 0.1 ± 0.6			14.0 ± 0.9 ± 0.1 ± 0.5			8.0 ± 0.8 ± 0.1 ± 0.3			7.5 ± 1.0 ± 0.2 ± 0.3		
7.0 – 14	2.8 ± 0.2 ± 0.1 ± 0.1			2.7 ± 0.2 ± 0.1 ± 0.1			2.0 ± 0.1 ± 0.0 ± 0.1			1.3 ± 0.1 ± 0.0 ± 0.1			0.8 ± 0.1 ± 0.0 ± 0.0		
$J/\psi$ from $b$															
0.0 – 1.0	12.5 ± 2.7 ± 2.4 ± 0.5			10.6 ± 1.3 ± 1.5 ± 0.4			6.5 ± 1.0 ± 0.6 ± 0.3			5.0 ± 0.9 ± 1.9 ± 0.2			3.0 ± 0.8 ± 0.8 ± 0.1		
1.0 – 2.0	15.6 ± 2.7 ± 2.7 ± 0.6			18.3 ± 1.7 ± 0.3 ± 0.7			18.5 ± 1.5 ± 2.5 ± 0.7			14.2 ± 1.4 ± 0.4 ± 0.5			11.4 ± 1.5 ± 0.5 ± 0.4		
2.0 – 3.0	19.3 ± 2.9 ± 1.9 ± 0.7			19.1 ± 1.6 ± 2.3 ± 0.7			15.8 ± 1.3 ± 0.5 ± 0.6			14.8 ± 1.3 ± 0.2 ± 0.6			7.3 ± 1.3 ± 0.3 ± 0.3		
3.0 – 4.0	14.9 ± 2.4 ± 1.3 ± 0.6			12.9 ± 1.3 ± 0.7 ± 0.5			12.3 ± 1.1 ± 0.6 ± 0.5			8.4 ± 0.9 ± 1.4 ± 0.3			5.9 ± 1.1 ± 0.3 ± 0.2		
4.0 – 5.0	10.1 ± 1.6 ± 0.8 ± 0.4			9.1 ± 0.9 ± 0.3 ± 0.4			6.7 ± 0.8 ± 0.4 ± 0.3			6.0 ± 0.8 ± 0.1 ± 0.2			3.9 ± 0.8 ± 0.3 ± 0.2		
5.0 – 6.0	6.6 ± 1.2 ± 0.3 ± 0.3			4.1 ± 0.6 ± 0.3 ± 0.2			4.7 ± 0.6 ± 0.1 ± 0.2			3.3 ± 0.5 ± 0.2 ± 0.1			1.4 ± 0.5 ± 0.2 ± 0.1		
6.0 – 7.0	3.9 ± 0.8 ± 0.4 ± 0.2			3.7 ± 0.6 ± 0.1 ± 0.1			2.2 ± 0.4 ± 0.0 ± 0.1			1.3 ± 0.3 ± 0.1 ± 0.1			1.0 ± 0.4 ± 0.6 ± 0.0		
7.0 – 14	0.9 ± 0.1 ± 0.0 ± 0.0			0.9 ± 0.1 ± 0.0 ± 0.0			0.6 ± 0.1 ± 0.0 ± 0.0			0.4 ± 0.1 ± 0.0 ± 0.0			0.2 ± 0.1 ± 0.1 ± 0.0		