

$ y $	$d\sigma/dy$ (prompt $J/\psi$ )	$d\sigma/dy$ ( $J/\psi$ from $b$ )
Forward ( $p_T < 14 \text{ GeV}/c$ )		
1.5 – 2.0	$583.7 \pm 21.0 \pm 39.6 \pm 22.7$	$88.8 \pm 5.9 \pm 6.1 \pm 3.4$
2.0 – 2.5	$535.0 \pm 11.8 \pm 5.6 \pm 20.8$	$83.4 \pm 3.4 \pm 2.1 \pm 3.2$
2.5 – 3.0	$490.2 \pm 9.7 \pm 2.6 \pm 19.0$	$71.0 \pm 2.8 \pm 0.4 \pm 2.8$
3.0 – 3.5	$401.9 \pm 8.5 \pm 5.2 \pm 15.6$	$56.9 \pm 2.6 \pm 2.4 \pm 2.2$
3.5 – 4.0	$334.7 \pm 8.6 \pm 8.4 \pm 13.0$	$33.4 \pm 2.6 \pm 2.5 \pm 1.3$
Backward ( $p_T < 14 \text{ GeV}/c$ )		
2.5 – 3.0	$678.2 \pm 41.8 \pm 50.6 \pm 32.6$	$77.2 \pm 8.9 \pm 6.4 \pm 3.7$
3.0 – 3.5	$645.7 \pm 28.7 \pm 9.6 \pm 31.1$	$67.5 \pm 5.8 \pm 4.7 \pm 3.3$
3.5 – 4.0	$523.4 \pm 25.9 \pm 8.0 \pm 25.2$	$46.5 \pm 4.8 \pm 1.1 \pm 2.2$
4.0 – 4.5	$393.7 \pm 26.1 \pm 8.7 \pm 18.9$	$40.1 \pm 5.2 \pm 4.6 \pm 1.9$
4.5 – 5.0	$329.0 \pm 31.3 \pm 15.7 \pm 15.8$	$13.8 \pm 4.5 \pm 1.3 \pm 0.7$