

						Correlated uncertainties expressed as a percentage of the final result							
						ϵ_{sel}						1.4%	
						Purity determination (J/ψ)						2.0%	
						Purity determination ($\psi(2S)$)						13.0%	
y range	[2.00, 2.25]	[2.25,2.50]	[2.50,2.75]	[2.75,3.00]	[3.00,3.25]	y range	[3.25, 3.50]	[3.50,3.75]	[3.75,4.00]	[4.00,4.25]	[4.25,4.50]	* ϵ_{single}	1.0%
$\frac{d\sigma}{dy}$ J/ψ	29.3 ± 1.7	92.5 ± 2.4	137.8 ± 2.4	173.1 ± 2.6	198.0 ± 2.7	$\frac{d\sigma}{dy}$ J/ψ	187.6 ± 2.6	148.9 ± 2.4	107.4 ± 2.1	65.3 ± 2.0	21.9 ± 1.3	*Acceptance	2.0%
$\frac{d\sigma}{dy}$ $\psi(2S)$	0.56 ± 0.11	1.75 ± 0.17	3.06 ± 0.22	4.41 ± 0.26	4.24 ± 0.26	$\frac{d\sigma}{dy}$ $\psi(2S)$	4.51 ± 0.27	3.43 ± 0.25	2.05 ± 0.20	1.47 ± 0.19	0.36 ± 0.11	*Shape of the inelastic background	5.0%
												*Luminosity	3.5%
						Total correlated statistical uncertainty (J/ψ)						2.4%	
						Total correlated statistical uncertainty ($\psi(2S)$)						13.0%	
						Total correlated systematic uncertainty						6.5%	