

Category	Parameters	Signal region	Control region
$\mu\mu$ resonances	$M, \Sigma, \Gamma$	Shared	
$\mu\mu$ continuum	$\lambda_{\mu\mu}^i$	Independent	Independent
$\mu\mu\tau\tau$	$\text{erf}(a), \text{erf}(b), \lambda_{\mu\mu\tau\tau}^i$	Independent	–
Normalizations	$N_{\psi(2S)} / N_{J/\psi}$	Shared	
	$N_{Y(2S)} / N_{Y(1S)}$	Shared	
	$N_{Y(3S)} / N_{Y(1S)}$	Shared	
	$N_{Y(1S)+Y(2S)+Y(3S)} / N_{\text{continuum}}$	Independent	Independent
	$N_{J/\psi+\psi(2S)} / N_{\text{continuum}}$	Independent	Independent