

Cat.	$\sigma_{m_{4\mu}}$ (MeV)	Signal region (MeV)	Veto regions (MeV)			
			$\omega$	$\phi$	J/ $\psi$	$\psi(2S)$
A	$< 27$	5150–5450	$m_{\omega} \begin{matrix} +35 \\ -40 \end{matrix}$	$m_{\phi} \begin{matrix} +30 \\ -30 \end{matrix}$	$m_{J/\psi} \begin{matrix} +60 \\ -75 \end{matrix}$	$m_{\psi(2S)} \begin{matrix} +70 \\ -80 \end{matrix}$
B	27–38	5120–5479	$m_{\omega} \begin{matrix} +40 \\ -45 \end{matrix}$	$m_{\phi} \begin{matrix} +35 \\ -50 \end{matrix}$	$m_{J/\psi} \begin{matrix} +85 \\ -110 \end{matrix}$	$m_{\psi(2S)} \begin{matrix} +80 \\ -90 \end{matrix}$
C	$> 38$	5090–5529	$m_{\omega} \begin{matrix} +45 \\ -60 \end{matrix}$	$m_{\phi} \begin{matrix} +44 \\ -55 \end{matrix}$	$m_{J/\psi} \begin{matrix} +110 \\ -140 \end{matrix}$	$m_{\psi(2S)} \begin{matrix} +90 \\ -110 \end{matrix}$