

Source	Mass (MeV)	Width (MeV)	Fit fraction (%)	ΔM (MeV)
Efficiency and background models	+10.46	+ 1.91	-0.06	+1.02
Hadron radius	+ 0.29	+ 2.33	+0.05	+0.92
$X(4140)$ Flatté model	- 1.92	- 5.85	-0.39	-1.68
$J/\psi\phi$ NR representation	+ 0.61	- 3.47	-0.31	-0.18
Simplified K-Matrix model	+ 1.72	+ 1.46	+0.38	+0.12
RBW widths	- 7.30	-17.54	-1.73	-3.38
Spin-parity of the $T_{\psi s1}(4220)$ state	+ 1.90	- 3.41	-0.56	+1.70
Non- ϕ contribution	-16.32	-17.76	-2.33	-1.48
Additional 1^+ $J/\psi\phi$ NR	+ 5.52	+ 7.98	+0.92	+5.49
Additional 2^+ $J/\psi\phi$ NR	+ 0.80	- 3.66	+0.18	-1.28
Extended model	+ 7.66	+ 2.57	+2.52	+0.92
Additional X state	- 6.36	- 2.54	-0.20	-2.98
Fit fraction constraint	- 5.58	+ 0.27	+0.34	-1.48
Impact parameter χ^2 modelling	+ 0.07	+ 1.94	-0.48	-0.45
Finite simulation sample size	+ 1.00	- 2.49	-0.22	+0.72
Fixed mass and width of K^* states	+ 2.90	+11.20	+1.33	+2.17
Samples to construct the \mathcal{P}_{bkg}	- 0.58	- 1.30	-0.43	-0.58
Background fraction uncertainty	+ 1.06	+ 6.38	+0.54	+0.52
	- 1.38	- 7.25	-0.59	-0.68
	+ 0.37	+ 1.38	+0.06	+0.22
	- 0.45	- 1.55	-0.07	-0.38
	+ 8.46	+17.09	+3.00	+6.04
	-16.71	-23.33	-2.84	-4.23
Final				