

State	M (MeV)	Γ (MeV)	J^{PC}	Process (mode)	Experiment ($\#\sigma$)
$X(3823)$	3823.1 ± 1.9	< 24	$?^?-$	$B \rightarrow K(\chi_{c1}\gamma)$	Belle ²³ (4.0)
$X(3872)$	3871.68 ± 0.17	< 1.2	1^{++}	$B \rightarrow K(\pi^+\pi^- J/\psi)$	Belle ^{24, 25} (>10), BABAR ²⁶ (8.6)
				$p\bar{p} \rightarrow (\pi^+\pi^- J/\psi) \dots$	CDF ^{27, 28} (11.6), D0 ²⁹ (5.2)
				$pp \rightarrow (\pi^+\pi^- J/\psi) \dots$	LHCb ^{30, 31} (np)
				$B \rightarrow K(\pi^+\pi^-\pi^0 J/\psi)$	Belle ³² (4.3), BABAR ³³ (4.0)
				$B \rightarrow K(\gamma J/\psi)$	Belle ³⁴ (5.5), BABAR ³⁵ (3.5)
					LHCb ³⁶ (> 10)
				$B \rightarrow K(\gamma \psi(2S))$	BABAR ³⁵ (3.6), Belle ³⁴ (0.2)
$Z_c(3900)^+$	3888.7 ± 3.4	35 ± 7	1^{+-}		LHCb ³⁶ (4.4)
				$B \rightarrow K(D\bar{D}^*)$	Belle ³⁷ (6.4), BABAR ³⁸ (4.9)
				$Y(4260) \rightarrow \pi^-(D\bar{D}^*)^+$	BES III ³⁹ (np)
$Z_c(4020)^+$	4023.9 ± 2.4	10 ± 6	1^{+-}	$Y(4260) \rightarrow \pi^-(\pi^+ J/\psi)$	BES III ⁴⁰ (8), Belle ⁴¹ (5.2)
					CLEO data ⁴² (>5)
				$Y(4260) \rightarrow \pi^-(\pi^+ h_c)$	BES III ⁴³ (8.9)
$Y(3915)$	3918.4 ± 1.9	20 ± 5	0^{++}	$Y(4260) \rightarrow \pi^-(D^*\bar{D}^*)^+$	BES III ⁴⁴ (10)
				$B \rightarrow K(\omega J/\psi)$	Belle ⁴⁵ (8), BABAR ^{33, 46} (19)
$Z(3930)$	3927.2 ± 2.6	24 ± 6	2^{++}	$e^+e^- \rightarrow e^+e^-(\omega J/\psi)$	Belle ⁴⁷ (7.7), BABAR ⁴⁸ (7.6)
				$e^+e^- \rightarrow e^+e^-(D\bar{D})$	Belle ⁴⁹ (5.3), BABAR ⁵⁰ (5.8)
$X(3940)$	3942^{+9}_{-8}	37^{+27}_{-17}	$?^?+$	$e^+e^- \rightarrow J/\psi(D\bar{D}^*)$	Belle ^{51, 52} (6)
$Y(4008)$	3891 ± 42	255 ± 42	1^{--}	$e^+e^- \rightarrow (\pi^+\pi^- J/\psi)$	Belle ^{41, 53} (7.4)
$Z(4050)^+$	4051^{+24}_{-43}	82^{+51}_{-55}	$?^?+$	$\bar{B}^0 \rightarrow K^-(\pi^+\chi_{c1})$	Belle ⁵⁴ (5.0), BABAR ⁵⁵ (1.1)
$Y(4140)$	4145.6 ± 3.6	14.3 ± 5.9	$?^?+$	$B^+ \rightarrow K^+(\phi J/\psi)$	CDF ^{56, 57} (5.0), Belle ⁵⁸ (1.9),
					LHCb ⁵⁹ (1.4), CMS ⁶⁰ (>5)
$X(4160)$	4156^{+29}_{-25}	139^{+113}_{-65}	$?^?+$		D0 ⁶¹ (3.1)
				$e^+e^- \rightarrow J/\psi(D^*\bar{D}^*)$	Belle ⁵² (5.5)
$Z(4200)^+$	4196^{+35}_{-30}	370^{+99}_{-110}	1^{+-}	$\bar{B}^0 \rightarrow K^-(\pi^+ J/\psi)$	Belle ⁶² (7.2)