

Partial wave ( $J^{PC}$ )	Resonance	Mass ( MeV/ $c^2$ )	Width ( MeV )
S wave ( $0^{++}$ )	$\chi_{c0}(3860)$	$3862 \pm 43$	$201 \pm 145$
	$X(3915)$	$3918.4 \pm 1.9$	$20 \pm 5$
P wave ( $1^{--}$ )	$\psi(3770)$	$3778.1 \pm 0.9$	$27.2 \pm 1.0$
	$\psi(4040)$	$4039 \pm 1$	$80 \pm 10$
	$\psi(4160)$	$4191 \pm 5$	$70 \pm 10$
	$\psi(4260)$	$4230 \pm 8$	$55 \pm 19$
	$\psi(4415)$	$4421 \pm 4$	$62 \pm 20$
D wave ( $2^{++}$ )	$\chi_{c2}(3930)$	$3921.9 \pm 0.6$	$36.6 \pm 2.1$
F wave ( $3^{--}$ )	$X(3842)$	$3842.71 \pm 0.20$	$2.79 \pm 0.62$