

Nonresonant model				Resonance		$\Delta \ln \mathcal{L}$	χ^2/ndf	$P(\chi^2, \text{ndf})$ [%]
$1/2^-$	$1/2^+$	$3/2^-$	$3/2^+$	Mass [MeV]	J^P			
Exp	Exp	Exp	Exp	—	—	72.2	287.4/150	0.0
Exp	Exp	Exp	Exp	2765	$1/2^-$	53.6	247.2/146	0.0
Exp	Exp	Exp	Exp	2765	$1/2^+$	52.8	254.8/146	0.0
Exp	Exp	Exp	Exp	2765	$3/2^-$	45.8	240.5/146	0.0
Exp	Exp	Exp	Exp	2765	$3/2^+$	38.5	226.0/146	0.0
Exp	Exp	Exp	Exp	Float	$1/2^-$	8.2	162.7/145	14.9
Exp	Exp	Exp	Exp	Float	$1/2^+$	15.2	170.2/145	7.5
Exp	Exp	Exp	Exp	Float	$3/2^-$	9.3	162.1/145	15.7
Exp	Exp	Exp	Exp	Float	$3/2^+$	-3.3	139.5/145	61.3
Exp	Exp	—	—	Float	$3/2^+$	12.8	169.7/153	16.9
Exp	Exp	Exp	—	Float	$3/2^+$	0.0	143.1/149	62.1
CSpl	Exp	Exp	Exp	—	—	16.1	181.3/140	1.1
Exp	CSpl	Exp	Exp	—	—	2.0	154.8/140	18.5
Exp	Exp	CSpl	Exp	—	—	16.6	172.9/140	3.1
Exp	Exp	Exp	CSpl	—	—	-0.4	146.6/140	33.4
Exp	Exp	CSpl	—	—	—	63.1	234.8/143	0.0
Exp	Exp	—	CSpl	—	—	10.8	165.7/143	9.4
Exp	Exp	CSpl	CSpl	—	—	-4.7	146.1/130	15.8
Exp	Exp	RSpl	Exp	—	—	17.4	177.0/143	2.8
Exp	Exp	Exp	RSpl	—	—	15.4	174.5/143	3.8
Exp	Exp	RSpl	RSpl	—	—	-0.4	145.1/138	32.3