

Resonance	$2L$	$2S$	$ A_{LS} $	$\arg(A_{LS})$	additional comment
$\Lambda(1830)$	2	3	0.646	2.337	
	4	3	0.881	-2.763	
	4	5	0.894	0.643	
	6	5	0.764	-2.560	
	6	7	0.536	2.018	dependent via Eq. 12
	8	7	0.931	-2.707	dependent via Eq. 12
$\Lambda(1890)$	0	1	2.070	-1.103	
	2	1	1.312	0.175	
	2	3	1.449	3.118	
	4	3	3.918	1.441	
	4	5	2.724	-1.376	dependent via Eq. 12
	6	5	1.455	0.109	dependent via Eq. 12
$\Lambda(2100)$	4	5	2.378	-0.537	
	6	5	5.087	1.139	
	6	7	3.192	1.384	
	8	7	6.932	1.924	
	8	9	3.088	-0.778	dependent via Eq. 12
	10	9	3.946	1.106	dependent via Eq. 12
$\Lambda(2110)$	2	3	2.093	2.382	
	4	3	6.217	-2.358	
	4	5	2.348	-1.664	
	6	5	6.899	-1.546	
	6	7	3.044	2.015	dependent via Eq. 12
	8	7	4.810	-2.427	dependent via Eq. 12
$\Lambda(2350)$	6	7	0.509	-1.829	
	8	7	0.670	-0.946	
	8	9	1.751	-1.344	
	10	9	0.848	-0.286	
	10	11	0.471	-2.076	dependent via Eq. 12
	12	11	0.396	-0.711	dependent via Eq. 12
$\text{NR}(^3/2^-)$	0	1	1.368	0.598	
	2	1	8.811	3.131	
	2	3	7.525	-0.006	
	4	3	5.694	-2.808	
	4	5	2.895	0.426	dependent via Eq. 12
	6	5	9.075	3.132	dependent via Eq. 12