

Λ^* list

name	status	$I(J^P)$	mass	Γ	Remark
$\Lambda(1520)$	****	$0(\frac{3}{2}^-)$	1517 ± 4	15^{+10}_{-8}	
$\Lambda(1600)$	***	$0(\frac{1}{2}^+)$	1560 to 1700 \approx 1600	50 to 250 \approx 150	
$\Lambda(1670)$	****	$0(\frac{1}{2}^-)$	1660 to 1680 \approx 1670	25 to 50 \approx 35	
$\Lambda(1690)$	****	$0(\frac{3}{2}^-)$	1685 to 1695 \approx 1690	50 to 70 \approx 60	
$\Lambda(1710)$	*	$0(\frac{1}{2}^+)$	1713 ± 13	180 ± 42	
$\Lambda(1800)$	***	$0(\frac{1}{2}^-)$	1720 to 1850 \approx 1800	200 to 400 \approx 300	
$\Lambda(1810)$	***	$0(\frac{1}{2}^+)$	1750 to 1850 \approx 1810	50 to 250 \approx 150	
$\Lambda(1820)$	****	$0(\frac{5}{2}^+)$	1815 to 1825 \approx 1820	70 to 90 \approx 80	
$\Lambda(1830)$	****	$0(\frac{5}{2}^-)$	1810 to 1830 \approx 1830	60 to 110 \approx 90	
$\Lambda(1890)$	****	$0(\frac{3}{2}^+)$	1850 to 1910 \approx 1890	60 to 200 \approx 100	

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name	status	$I(J^P)$	mass	Γ	Remark
$\Sigma(1480)$ Bump	*	$1(?^?)$	1480	?	
$\Sigma(1560)$ Bump	**	$1(?^?)$	1560	$79 \pm 30, 15 \pm 6$	
$\Sigma(1580)$	*	$1(\frac{3}{2}^-)$	1580	$15, 11 \pm 4$	
$\Sigma(1620)$	*	$1(\frac{1}{2}^-)$	1620	400 to 10	
$\Sigma(1620)$	*	$1(\frac{1}{2}^-)$	1620	400 to 10	
$\Sigma(1660)$	***	$1(\frac{1}{2}^+)$	1630 to 1690 \approx 1660	40 to 100 \approx 100	
$\Sigma(1660)$	****	$1(\frac{1}{2}^-)$	1665 to 1685 \approx 1670	40 to 80 \approx 60	
$\Sigma(1670)$ Bump		$1(?^?)$	1670	?	
$\Sigma(1690)$ Bump	**	$1(?^?)$	1690	?	
$\Sigma(1730)$	*	$1(\frac{3}{2}^+)$	1727 ± 27	276 ± 87	
$\Sigma(1750)$	***	$1(\frac{1}{2}^-)$	1730 to 1800 \approx 1750	60 to 160 \approx 90	
$\Sigma(1770)$	*	$1(\frac{1}{2}^+)$	≈ 1770	$72 \pm 10, 80 \pm 30$	
$\Sigma(1775)$	****	$1(\frac{5}{2}^-)$	1767 ± 2	128^{+4}_{-2}	
$\Sigma(1840)$	*	$1(\frac{3}{2}^+)$	≈ 1840		
$\Sigma(1880)$	**	$1(\frac{1}{2}^+)$	≈ 1880	80 to 300	
$\Sigma(1900)$	**	$1(\frac{1}{2}^-)$	1900 ± 21	191 ± 47	