

$\Lambda(1380) \ 1/2^-$

$$J^P = \frac{1}{2}^-$$

Status: **

OMITTED FROM SUMMARY TABLE

See the related review on "Pole Structure of the $\Lambda(1405)$ Region."

$\Lambda(1380)$ POLE POSITION

REAL PART

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>
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● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●

1325 ± 15	¹ MAI	15 DPWA
$1330 \begin{smallmatrix} +4 \\ -5 \end{smallmatrix}$	² MAI	15 DPWA
1388 ± 9	GUO	13 DPWA
$1381 \begin{smallmatrix} +18 \\ -6 \end{smallmatrix}$	IKEDA	12 DPWA

¹ Solution number 4.² Solution number 2.

–2×IMAGINARY PART

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>
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● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●

$180 \begin{smallmatrix} +24 \\ -36 \end{smallmatrix}$	¹ MAI	15 DPWA
$112 \begin{smallmatrix} +34 \\ -22 \end{smallmatrix}$	² MAI	15 DPWA
$228 \begin{smallmatrix} +48 \\ -50 \end{smallmatrix}$	GUO	13 DPWA
$162 \begin{smallmatrix} +38 \\ -16 \end{smallmatrix}$	IKEDA	12 DPWA

¹ Solution number 4.² Solution number 2.

$\Lambda(1380)$ REFERENCES

MAI	15	EPJ A51 30	M. Mai, U.-G. Meissner	(BONN, JULI)
GUO	13	PR C87 035202	Z.-H. Guo, J. Oller	
IKEDA	12	NP A881 98	Y. Ikeda, T. Hyodo, W. Weise	(TUM, RIKEN, TINT)
