

# $h_1(1380)$

$$I^G(J^{PC}) = ?^-(1^{+-})$$

OMITTED FROM SUMMARY TABLE

Seen in partial-wave analysis of the  $K\bar{K}\pi$  system. Needs confirmation.

## $h_1(1380)$ MASS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>1386 ± 19 OUR AVERAGE</b>			
1440 ± 60	ABELE	97H CBAR	$\bar{p}p \rightarrow K_L^0 K_S^0 \pi^0 \pi^0$
1380 ± 20	ASTON	88C LASS	11 $K^- p \rightarrow K_S^0 K^\pm \pi^\mp \Lambda$

## $h_1(1380)$ WIDTH

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>91 ± 30 OUR AVERAGE</b> Error includes scale factor of 1.1.			
170 ± 80	ABELE	97H CBAR	$\bar{p}p \rightarrow K_L^0 K_S^0 \pi^0 \pi^0$
80 ± 30	ASTON	88C LASS	11 $K^- p \rightarrow K_S^0 K^\pm \pi^\mp \Lambda$

## $h_1(1380)$ DECAY MODES

Mode
$\Gamma_1 \quad K\bar{K}^*(892) + \text{c.c.}$

## $h_1(1380)$ REFERENCES

ABELE	97H PL B415 280	A. Abele <i>et al.</i>	(Crystal Barrel Collab.)
ASTON	88C PL B201 573	D. Aston <i>et al.</i>	(SLAC, NAGO, CINC, INUS)

## OTHER RELATED PAPERS

LI	05D EPJ A26 141	D.-M. Li, B. Ma, H. Yu
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