

$h_1(1380)$

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

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> |
|------------------------------|--------------------|-------------|--|
| 1386 ± 19 OUR AVERAGE | | | |
| 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> |
|--|--------------------|-------------|--|
| 91 ± 30 OUR AVERAGE 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 |
|---|
| $\Gamma_1 \quad K\bar{K}^*(892) + c.c.$ |

$h_1(1380)$ 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) |