## $h_1(1170)$

$$I^G(J^{PC}) = 0^-(1^{+-})$$

## $h_1(1170)$ MASS

| VALUE (MeV) | DOCUMENT ID | | TECN | CHG | COMMENT |
|---|---|---|---|---|---|
| **1166± 5±3** | [1] ANDO | 92 | SPEC | | $8\,\pi^- p \to$ $\pi^+\pi^-\pi^0 n$ |

• • • We do not use the following data for averages, fits, limits, etc. • • •

| | | | | | |
|---|---|---|---|---|---|
| 1168± 4 | ANDO | 92 | SPEC | | $8\,\pi^- p \to$ $\pi^+\pi^-\pi^0 n$ |
| 1190±60 | [2] DANKOWY... | 81 | SPEC | 0 | $8\,\pi p \to\ 3\pi n$ |

[1] Average and spread of values using 2 variants of the model of BOWLER 75.
[2] Uses the model of BOWLER 75.

## $h_1(1170)$ WIDTH

| VALUE (MeV) | DOCUMENT ID | | TECN | CHG | COMMENT |
|---|---|---|---|---|---|
| **375± 6±34** | [3] ANDO | 92 | SPEC | | $8\,\pi^- p \to$ $\pi^+\pi^-\pi^0 n$ |

• • • We do not use the following data for averages, fits, limits, etc. • • •

| | | | | | |
|---|---|---|---|---|---|
| 345± 6 | ANDO | 92 | SPEC | | $8\,\pi^- p \to$ $\pi^+\pi^-\pi^0 n$ |
| 320±50 | [4] DANKOWY... | 81 | SPEC | 0 | $8\,\pi p \to\ 3\pi n$ |

[3] Average and spread of values using 2 variants of the model of BOWLER 75.
[4] Uses the model of BOWLER 75.

## $h_1(1170)$ DECAY MODES

| | Mode | Fraction ($\Gamma_i/\Gamma$) |
|---|---|---|
| $\Gamma_1$ | $\rho\pi$ | seen |

## $h_1(1170)$ BRANCHING RATIOS

### $\Gamma(\rho\pi)/\Gamma_{total}$ $\hfill \Gamma_1/\Gamma$

| VALUE | DOCUMENT ID | | TECN | COMMENT |
|---|---|---|---|---|

• • • We do not use the following data for averages, fits, limits, etc. • • •

| | | | | |
|---|---|---|---|---|
| seen | ANDO | 92 | SPEC | $8\,\pi^- p \to\ \pi^+\pi^-\pi^0 n$ |
| seen | ATKINSON | 84 | OMEG | $20–70\,\gamma p \to$ $\pi^+\pi^-\pi^0 p$ |
| seen | DANKOWY... | 81 | SPEC | $8\,\pi p \to\ 3\pi n$ |

## $h_1(1170)$ REFERENCES

| ANDO | 92 | PL B291 496 | A. Ando *et al.* | (KEK, KYOT, NIRS, SAGA+) |
|---|---|---|---|---|
| ATKINSON | 84 | NP B231 15 | M. Atkinson *et al.* | (BONN, CERN, GLAS+) |
| DANKOWY... | 81 | PRL 46 580 | J.A. Dankowych *et al.* | (TNTO, BNL, CARL+) |
| BOWLER | 75 | NP B97 227 | M.G. Bowler *et al.* | (OXFTP, DARE) |