# $K_3(2320)$

$I(J^P) = \frac{1}{2}(3^+)$

OMITTED FROM SUMMARY TABLE

Seen in the $J^P = 3^+$ wave of the antihyperon-nucleon system. Needs confirmation.

## $K_3(2320)$ MASS

| *VALUE* (MeV) | *DOCUMENT ID* | | *TECN* | *CHG* | *COMMENT* |
|---|---|---|---|---|---|
| **2324±24 OUR AVERAGE** | | | | | |
| 2330±40 | [1] ARMSTRONG | 83C | OMEG | − | 18 $K^- p \to \Lambda \overline{p} X$ |
| 2320±30 | [1] CLELAND | 81 | SPEC | ± | 50 $K^+ p \to \Lambda \overline{p} X$ |

[1] $J^P = 3^+$ from moments analysis.

## $K_3(2320)$ WIDTH

| *VALUE* (MeV) | *DOCUMENT ID* | | *TECN* | *CHG* | *COMMENT* |
|---|---|---|---|---|---|
| **150±30** | [2] ARMSTRONG | 83C | OMEG | − | 18 $K^- p \to \Lambda \overline{p} X$ |
| • • • We do not use the following data for averages, fits, limits, etc. • • • | | | | | |
| ~ 250 | [2] CLELAND | 81 | SPEC | ± | 50 $K^+ p \to \Lambda \overline{p} X$ |

[2] $J^P = 3^+$ from moments analysis.

## $K_3(2320)$ DECAY MODES

| | Mode |
|---|---|
| $\Gamma_1$ | $p \overline{\Lambda}$ |

## $K_3(2320)$ REFERENCES


| | | | | |
|---|---|---|---|---|
| ARMSTRONG | 83C | NP B227 365 | T.A. Armstrong *et al.* | (BARI, BIRM, CERN+) |
| CLELAND | 81 | NP B184 1 | W.E. Cleland *et al.* | (PITT, GEVA, LAUS+) |