

# K(1830)

$$I(J^P) = \frac{1}{2}(0^-)$$

OMITTED FROM SUMMARY TABLE

Seen in partial-wave analysis of  $K^- \phi$  system. Needs confirmation.

## K(1830) MASS

| VALUE (MeV)   | DOCUMENT ID  | TECN | CHG | COMMENT                       |
|---|--------------|------|-----|-------------------------------|
| ● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ● |              |      |     |                               |
| ~ 1830  | ARMSTRONG 83 | OMEG | —   | 18.5 $K^- p \rightarrow 3K p$ |

## K(1830) WIDTH

| VALUE (MeV)   | DOCUMENT ID  | TECN | CHG | COMMENT                       |
|---|--------------|------|-----|-------------------------------|
| ● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ● |              |      |     |                               |
| ~ 250   | ARMSTRONG 83 | OMEG | —   | 18.5 $K^- p \rightarrow 3K p$ |

## K(1830) DECAY MODES

| Mode                |
|---------------------|
| $\Gamma_1$ $K \phi$ |

## K(1830) REFERENCES

ARMSTRONG 83 NP B221 1 T.A. Armstrong *et al.* (BARI, BIRM, CERN+) JP

## OTHER RELATED PAPERS

KATAEV 05 PAN 68 567 A.L. Kataev  
Translated from YAF 68 597.