

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
$\Gamma_1 \quad K \phi$

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.