

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 <i>et al.</i>	(BARI, BIRM, CERN+) JP
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