

**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)	EVTS	DOCUMENT ID	TECN	CHG	COMMENT
<b><math>1874 \pm 43^{+59}_{-115}</math></b>	4289	<sup>1</sup> AAIJ	17C LHCb		$B^+ \rightarrow J/\psi\phi K^+$

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

~ 1830 ARMSTRONG 83 OMEG - 18.5  $K^- p \rightarrow 3Kp$ <sup>1</sup> From an amplitude analysis of the decay  $B^+ \rightarrow J/\psi\phi K^+$  with a significance of 3.5  $\sigma$ .**K(1830) WIDTH**

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	CHG	COMMENT
<b><math>168 \pm 90^{+280}_{-104}</math></b>	4289	<sup>2</sup> AAIJ	17C LHCb		$B^+ \rightarrow J/\psi\phi K^+$

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

~ 250 ARMSTRONG 83 OMEG - 18.5  $K^- p \rightarrow 3Kp$ <sup>2</sup> From an amplitude analysis of the decay  $B^+ \rightarrow J/\psi\phi K^+$  with a significance of 3.5  $\sigma$ .**K(1830) DECAY MODES**

Mode
$\Gamma_1 \quad K\phi$

**K(1830) REFERENCES**

AAIJ	17C	PRL 118 022003	R. Aaij <i>et al.</i>	(LHCb Collab.)
Also		PR D95 012002	R. Aaij <i>et al.</i>	(LHCb Collab.)
ARMSTRONG	83	NP B221 1	T.A. Armstrong <i>et al.</i>	(BARI, BIRM, CERN+) JP