

$K_3(2320)$

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

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

NODE=M090

NODE=M090

NODE=M090M

NODE=M090M

NODE=M090M;LINKAGE=P

NODE=M090W

NODE=M090W

NODE=M090W;LINKAGE=P

NODE=M090215;NODE=M090

DESIG=1

NODE=M090

REFID=22852
REFID=22851

$K_3(2320)$ MASS

VALUE (MeV)	DOCUMENT ID	TECN	CHG	COMMENT
2324±24 OUR AVERAGE				
2330±40	¹ ARMSTRONG	83C	OMEG -	18 $K^- p \rightarrow \Lambda \bar{p} X$
2320±30	¹ CLELAND	81	SPEC ±	50 $K^+ p \rightarrow \Lambda \bar{p} X$
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 $K^- p \rightarrow \Lambda \bar{p} X$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
~ 250	² CLELAND	81	SPEC ±	50 $K^+ p \rightarrow \Lambda \bar{p} X$
² $J^P = 3^+$ from moments analysis.				

$K_3(2320)$ DECAY MODES

Mode
$\Gamma_1 \quad p \bar{\Lambda}$

$K_3(2320)$ REFERENCES

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