

K(1630)

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

OMMITTED FROM SUMMARY TABLE

Seen as a narrow peak, compatible with the experimental resolution, in the invariant mass of the $K_S^0\pi^+\pi^-$ system produced in $\pi^- p$ interactions at high momentum transfers.

K(1630) MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
1629 ± 7	~ 75	KARNAUKHOV98	BC	16.0 $\pi^- p \rightarrow (K_S^0\pi^+\pi^-) X^+\pi^- X^0$

K(1630) WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
16⁺¹⁹₋₁₆	~ 75	¹ KARNAUKHOV98	BC	16.0 $\pi^- p \rightarrow (K_S^0\pi^+\pi^-) X^+\pi^- X^0$

¹ Compatible with an experimental resolution of 14 ± 1 MeV.

K(1630) DECAY MODES

Mode
$\Gamma_1 K_S^0\pi^+\pi^-$

K(1630) REFERENCES

KARNAUKHOV 98 PAN 61 203 V.M. Karnaughov, C. Coca, V.I. Moroz
Translated from YAF 61 252.