K(1630)

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

OMITTED FROM SUMMARY TABLE

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

K(1630) MASS

VALUE (MeV)	*EVTS*	*DOCUMENT ID*	*TECN*	*COMMENT*
1629±7	~ 75	KARNAUKHOV 98	BC	16.0 $\pi^- p \rightarrow (K^0_S\pi^+\pi^-) X^+\pi^- X^0$

K(1630) WIDTH

VALUE (MeV)	*EVTS*	*DOCUMENT ID*	*TECN*	*COMMENT*
$\mathbf{16^{+19}_{-16}}$	~ 75	[1] KARNAUKHOV 98	BC	16.0 $\pi^- p \rightarrow (K^0_S\pi^+\pi^-) X^+\pi^- X^0$

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

K(1630) DECAY MODES

	Mode
Γ_1	$K^0_S\pi^+\pi^-$

K(1630) REFERENCES

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

OTHER RELATED PAPERS

KARNAUKHOV 00 PAN 63 588 V.M. Karnaukhov, C. Coca, V.I. Moroz
Translated from YAF 63 652.