NODE=M160

$K(1630)$

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

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.

NODE=M160

$K(1630)$ MASS

NODE=M160205

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

NODE=M160M

$K(1630)$ WIDTH

NODE=M160210

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

NODE=M160W

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

NODE=M160W;LINKAGE=A

$K(1630)$ DECAY MODES

NODE=M160215;NODE=M160

	Mode
Γ_1	$K^0_S\pi^+\pi^-$

DESIG=1

$K(1630)$ REFERENCES

NODE=M160

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

REFID=46371

OTHER RELATED PAPERS

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

REFID=47984