$K(1630)$

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

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 $\pi^- p \to (K^0_S\pi^+\pi^-)$ $X^+\pi^- X^0$

$K(1630)$ WIDTH

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

[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.