# $K(1630)$

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

## OMITTED 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** | $\sim 75$ | KARNAUKHOV98 | BC | $16.0\ \pi^- p \to (K_S^0 \pi^+ \pi^-)$ $x^+ \pi^- x^0$ |

## $K(1630)$ WIDTH

| VALUE (MeV) | EVTS | DOCUMENT ID | TECN | COMMENT |
|---|---|---|---|---|
| **$16^{+19}_{-16}$** | $\sim 75$ | [1] KARNAUKHOV98 | BC | $16.0\ \pi^- p \to (K_S^0 \pi^+ \pi^-)$ $x^+ \pi^- x^0$ |

[1] Compatible with an experimental resolution of $14 \pm 1$ MeV.

## $K(1630)$ DECAY MODES

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

## $K(1630)$ REFERENCES

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