

$K(1630)$ $I(J^P) = \frac{1}{2}(? ?)$

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

 $K(1630)$ REFERENCES

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