

$K_1(1650)$

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

OMITTED FROM SUMMARY TABLE

This entry contains various peaks in strange meson systems ($K^+ \phi$, $K \pi \pi$) reported in partial-wave analysis in the 1600–1900 mass region.

 $K_1(1650)$ MASS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>CHG</u>	<u>COMMENT</u>
1650 ± 50	FRAME	86	OMEG +	13 $K^+ p \rightarrow \phi K^+ p$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●				
~ 1840	ARMSTRONG	83	OMEG -	18.5 $K^- p \rightarrow 3K p$
~ 1800	DAUM	81C	CNTR -	63 $K^- p \rightarrow K^- 2\pi p$

 $K_1(1650)$ WIDTH

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>CHG</u>	<u>COMMENT</u>
150 ± 50	FRAME	86	OMEG +	13 $K^+ p \rightarrow \phi K^+ p$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●				
~ 250	DAUM	81C	CNTR -	63 $K^- p \rightarrow K^- 2\pi p$

 $K_1(1650)$ DECAY MODES

Mode	
Γ_1	$K \pi \pi$
Γ_2	$K \phi$

 $K_1(1650)$ REFERENCES

FRAME	86	NP B276 667	D. Frame <i>et al.</i>	(GLAS)
ARMSTRONG	83	NP B221 1	T.A. Armstrong <i>et al.</i>	(BARI, BIRM, CERN+)
DAUM	81C	NP B187 1	C. Daum <i>et al.</i>	(AMST, CERN, CRAC, MPIM+)