

# $\eta(2225)$

$$I^G(J^{PC}) = 0^+(0^{-+})$$

OMITTED FROM SUMMARY TABLE

Seen in  $J/\psi \rightarrow \gamma\phi\phi$ . Needs confirmation.

## $\eta(2225)$ MASS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>2220 ± 18 OUR AVERAGE</b>			
2230 ± 25 ± 15	BAI	90B MRK3	$J/\psi \rightarrow \gamma K^+ K^- K^+ K^-$
2214 ± 20 ± 13	BAI	90B MRK3	$J/\psi \rightarrow \gamma K^+ K^- K_S^0 K_L^0$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
~ 2220	BISELLO	86B DM2	$J/\psi \rightarrow \gamma K^+ K^- K^+ K^-$

## $\eta(2225)$ WIDTH

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>150<sup>+300</sup><sub>-60</sub> ± 60</b>	BAI	90B MRK3	$J/\psi \rightarrow \gamma K^+ K^- K^+ K^-$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
~ 80	BISELLO	86B DM2	$J/\psi \rightarrow \gamma K^+ K^- K^+ K^-$

## $\eta(2225)$ REFERENCES

BAI	90B PRL 65 1309	Z. Bai <i>et al.</i>	(Mark III Collab.)
BISELLO	86B PL B179 294	D. Bisello <i>et al.</i>	(DM2 Collab.)