

**$\eta(2225)$**

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

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><math>2220 \pm 18</math> OUR AVERAGE</b>			
$2230 \pm 25 \pm 15$	BAI	90B	MRK3 $J/\psi \rightarrow \gamma K^+ K^- K^+ K^-$
$2214 \pm 20 \pm 13$	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. ● ● ●			
$\sim 2220$	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><math>150^{+300}_{-60} \pm 60</math></b>	BAI	90B	MRK3 $J/\psi \rightarrow \gamma K^+ K^- K^+ K^-$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
$\sim 80$	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.)