

**$\eta(2225)$**

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

OMITTED FROM SUMMARY TABLE

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

### $\eta(2225)$ MASS

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>2226 ± 16 OUR AVERAGE</b>				
$2240^{+30+30}_{-20-20}$	$196 \pm 19$	ABLIKIM	08I	BES $J/\psi \rightarrow \gamma K^+ K^- K_S^0 K_L^0$
$2230 \pm 25 \pm 15$		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>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b><math>185^{+70}_{-40}</math> OUR AVERAGE</b>				
$190 \pm 30^{+60}_{-40}$	$196 \pm 19$	ABLIKIM	08I	BES $J/\psi \rightarrow \gamma K^+ K^- K_S^0 K_L^0$
$150^{+300}_{-60} \pm 60$		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

ABLIKIM	08I	PL B662 330	M. Ablikim <i>et al.</i>	(BES Collab.)
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.)