$\eta(1760)$

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

OMITTED FROM SUMMARY TABLE

Seen by DM2 in the $\rho\rho$ system (BISELLO 89B). Structure in this region has been reported before in the same system (BALTRUSAITIS 86B) and in the $\omega\omega$ system (BALTRUSAITIS 85C, BISELLO 87). Needs confirmation.

$\eta(1760)$ MASS

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
1756± 9 OUR AVERAGE					
1744±10±15	1045	[1] ABLIKIM	06H	BES	$J/\psi \to \gamma\omega\omega$
1760±11	320	[2] BISELLO	89B	DM2	$J/\psi \to 4\pi\gamma$

[1] From a partial wave analysis including $\eta(1760)$, $f_0(1710)$, $f_2(1640)$, and $f_2(1910)$.

[2] Estimated by us from various fits.

$\eta(1760)$ WIDTH

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
96±70 OUR AVERAGE Error includes scale factor of 5.1.					
$244^{+24}_{-21}\pm25$	1045	[3] ABLIKIM	06H	BES	$J/\psi \to \gamma\omega\omega$
60±16	320	[4] BISELLO	89B	DM2	$J/\psi \to 4\pi\gamma$

[3] From a partial wave analysis including $\eta(1760)$, $f_0(1710)$, $f_2(1640)$, and $f_2(1910)$.

[4] Estimated by us from various fits.

$\eta(1760)$ REFERENCES

ABLIKIM	06H	PR D73 112007	M. Ablikim *et al.*	(BES Collab.)
BISELLO	89B	PR D39 701	G. Busetto *et al.*	(DM2 Collab.)
BISELLO	87	PL B192 239	D. Bisello *et al.*	(PADO, CLER, FRAS+)
BALTRUSAIT...	86B	PR D33 1222	R.M. Baltrusaitis *et al.*	(Mark III Collab.)
BALTRUSAIT...	85C	PRL 55 1723	R.M. Baltrusaitis *et al.*	(CIT, UCSC+)

OTHER RELATED PAPERS

BAI	99	PL B446 356	J.Z. Bai *et al.*	(BES Collab.)