$\eta_2(1870)$

$I^G(J^{PC}) = 0^+(2^{-+})$

OMITTED FROM SUMMARY TABLE

Needs confirmation.

$\eta_2(1870)$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	COMMENT
1881±32±40	26	KARCH	92	CBAL	$e^+e^- \to e^+e^-\eta\pi^0\pi^0$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
1850±50		FEINDT	91	CELL	$\gamma\gamma \to \eta\pi^+\pi^-$

$\eta_2(1870)$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	COMMENT
221± 92±44	26	KARCH	92	CBAL	$e^+e^- \to e^+e^-\eta\pi^0\pi^0$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
~ 360		FEINDT	91	CELL	$\gamma\gamma \to \eta\pi^+\pi^-$

$\eta_2(1870)$ DECAY MODES

	Mode
Γ_1	$\eta\pi\pi$
Γ_2	$a_2(1320)\pi$
Γ_3	$f_0(980)\pi^-$

$\eta_2(1870)$ REFERENCES

KARCH 92 ZPHY C54 33 +Antreasyan, Bartels+ (Crystal Ball Collab.)
FEINDT 91 Singapore Conf. 537

OTHER RELATED PAPERS

KARCH 90 PL B249 353 +Antreasyan, Bartels+ (Crystal Ball Collab.)