$\psi(4390)$

$I^G(J^{PC}) = 0^-(1^{--})$
I needs confirmation.

OMITTED FROM SUMMARY TABLE
was $X(4390)$

This state shows properties different from a conventional $q\overline{q}$ state.
A candidate for an exotic structure. See the review on non-$q\overline{q}$ states.

$\psi(4390)$ MASS

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
$4391.5^{+6.3}_{-6.8}\pm1.0$	ABLIKIM	17G	BES3	$e^+e^- \to \pi^+\pi^- h_c$

$\psi(4390)$ WIDTH

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
$139.5^{+16.2}_{-20.6}\pm0.6$	ABLIKIM	17G	BES3	$e^+e^- \to \pi^+\pi^- h_c$

$\psi(4390)$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	$\pi^+\pi^- h_c$	seen

$\psi(4390)$ BRANCHING RATIOS

$\Gamma(\pi^+\pi^- h_c)/\Gamma_{total}$ **Γ_1/Γ**

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
seen	ABLIKIM	17G	BES3	$e^+e^- \to \pi^+\pi^- h_c$

$\psi(4390)$ REFERENCES

ABLIKIM 17G PRL 118 092002 M. Ablikim *et al.* (BES III Collab.)