$Y(3940)$

$I^G(J^{PC}) = ?^?(?^{??})$

OMITTED FROM SUMMARY TABLE

Quantum numbers are not established. Seen by CHOI 05 in $B \to K\omega J/\psi$ decays as a threshold enhancement in the invariant mass distribution of the $\omega J/\psi$.

$Y(3940)$ MASS

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
3943 ± 11 ± 13	58 ± 11	[1] CHOI	05	BELL	$B \to K\omega J/\psi$

[1] $\omega J/\psi$ threshold enhancement fitted as an S-wave Breit-Wigner resonance.

$Y(3940)$ WIDTH

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
87 ± 22 ± 26	58 ± 11	[2] CHOI	05	BELL	$B \to K\omega J/\psi$

[2] $\omega J/\psi$ threshold enhancement fitted as an S-wave Breit-Wigner resonance.

$Y(3940)$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	$\omega J/\psi$	seen

$Y(3940)$ REFERENCES

CHOI 05 PRL 94 182002 S.-K. Choi *et al.* (BELLE Collab.)