$X(3945)$

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

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 $\omega J/\psi$.

X(3945) 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.

X(3945) 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.

X(3945) DECAY MODES

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

X(3945) REFERENCES

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

OTHER RELATED PAPERS

BUISSERET	07	PR C76 025206	F. Buisseret	
SWANSON	06	PRPL 429 243	E.S. Swanson	(PITT)
VANBEVEREN	06A	PR D74 037501	E. van Beberen *et al.*	