

X(3945)

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

OMITTED FROM SUMMARY TABLE

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

X(3945) MASS

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
3943±11±13	58 ± 11	¹ CHOI	05 BELL	$B \rightarrow K\omega J/\psi$

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

X(3945) WIDTH

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
87±22±26	58 ± 11	² CHOI	05 BELL	$B \rightarrow K\omega J/\psi$

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

X(3945) DECAY MODES

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \quad \omega J/\psi$	seen

X(3945) REFERENCES

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

OTHER RELATED PAPERS

SWANSON 06 PRPL 429 243 E.S. Swanson (PITT)
 VANBEVEREN 06A PR D74 037501 E. van Beberen *et al.*