

X(6900)

$$J^{PC} = ???$$

OMITTED FROM SUMMARY TABLE

State incompatible with a $q\bar{q}$ structure. See the review on "Heavy Non- $q\bar{q}$ Mesons."

X(6900) MASS

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
6886 ± 11 ± 11	¹ AAIJ	20AY LHCB	$pp \rightarrow J/\psi J/\psi X$

¹ AAIJ 20AY value assumes the interference of a Breit-Wigner shape with non-resonant single-parton scattering. Without interference, the mass is 6905 ± 11 ± 7 MeV.

X(6900) WIDTH

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
168 ± 33 ± 69	¹ AAIJ	20AY LHCB	$pp \rightarrow J/\psi J/\psi X$

¹ AAIJ 20AY value assumes the interference of a Breit-Wigner shape with non-resonant single-parton scattering. Without interference, the width is 80 ± 19 ± 33 MeV.

X(6900) DECAY MODES

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

$\Gamma(J/\psi J/\psi)/\Gamma_{total}$	DOCUMENT ID	TECN	COMMENT	Γ_1/Γ
seen	AAIJ	20AY LHCB	$pp \rightarrow J/\psi J/\psi X$	

X(6900) REFERENCES

AAIJ	20AY SCIB 65 1983	R. Aaij <i>et al.</i>	(LHCb Collab.)
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