

**$X(3900)^0$**

$$I(J^P) = ?(??)$$

OMITTED FROM SUMMARY TABLE

Seen by XIAO 13A in  $e^+e^- \rightarrow \pi^0 X^0$ ,  $X^0 \rightarrow \pi^0 J/\psi$  at  $\sqrt{s} = 4170$  MeV. Likely the isospin partner of the  $X(3900)^\pm$ .

**$X(3900)^0$  MASS**

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>COMMENT</u>
<b><math>3904 \pm 9 \pm 5</math></b>	$25 \pm 7$	<sup>1</sup> XIAO	13A $4.17 e^+ e^- \rightarrow \pi^+ \pi^- J/\psi$

<sup>1</sup> For  $M^2(\pi^0 \pi^0) < 0.65 \text{ GeV}^2$  and fixed width of 37 MeV. The signal has  $3.5\sigma$  significance including systematic uncertainties. Obtained by analyzing CLEO-c data but not authored by the CLEO Collaboration.

**$X(3900)^0$  DECAY MODES**

Mode	Fraction ( $\Gamma_i/\Gamma$ )
$\Gamma_1 \quad J/\psi \pi^0$	seen

**$X(3900)^0$  BRANCHING RATIOS**

<u><math>\Gamma(J/\psi \pi^0)/\Gamma_{\text{total}}</math></u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>COMMENT</u>	<u><math>\Gamma_1/\Gamma</math></u>
<b>seen</b>	$25 \pm 7$	<sup>1</sup> XIAO	13A $4.17 e^+ e^- \rightarrow \pi^+ \pi^- J/\psi$	

<sup>1</sup> Obtained by analyzing CLEO-c data but not authored by the CLEO Collaboration.

**$X(3900)^0$  REFERENCES**

XIAO	13A	PL B727 366	T. Xiao <i>et al.</i>	(NWES)
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