

**X(4160)**

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

OMITTED FROM SUMMARY TABLE

Seen by PAKHLOV 08 in  $e^+e^- \rightarrow J/\psi X$ ,  $X \rightarrow D^*\bar{D}^*$ **X(4160) MASS**

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b><math>4156^{+25}_{-20} \pm 15</math></b>	24	PAKHLOV 08	BELL	$e^+e^- \rightarrow J/\psi X$

**X(4160) WIDTH**

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b><math>139^{+111}_{-61} \pm 21</math></b>	24	PAKHLOV 08	BELL	$e^+e^- \rightarrow J/\psi X$

**X(4160) DECAY MODES**

	<u>Mode</u>	<u>Fraction (<math>\Gamma_i/\Gamma</math>)</u>
$\Gamma_1$	$D\bar{D}$	not seen
$\Gamma_2$	$D^*\bar{D} + \text{c.c.}$	not seen
$\Gamma_3$	$D^*\bar{D}^*$	seen

**X(4160) BRANCHING RATIOS**

<u><math>\Gamma(D\bar{D})/\Gamma(D^*\bar{D}^*)</math></u>					<u><math>\Gamma_1/\Gamma_3</math></u>
<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
<b>&lt;0.09</b>	90	PAKHLOV 08	BELL	$e^+e^- \rightarrow J/\psi X$	

<u><math>\Gamma(D^*\bar{D} + \text{c.c.})/\Gamma(D^*\bar{D}^*)</math></u>					<u><math>\Gamma_2/\Gamma_3</math></u>
<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
<b>&lt;0.22</b>	90	PAKHLOV 08	BELL	$e^+e^- \rightarrow J/\psi X$	

**X(4160) REFERENCES**PAKHLOV 08 PRL 100 202001 P. Pakhlov *et al.* (BELLE Collab.)