

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>
$4156^{+25}_{-20} \pm 15$	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>
$139^{+111}_{-61} \pm 21$	24	PAKHLOV 08	BELL	$e^+e^- \rightarrow J/\psi X$

X(4160) DECAY MODES

Mode	Fraction (Γ_i/Γ)
Γ_1 $D\bar{D}$	not seen
Γ_2 $D^*\bar{D} + \text{c.c.}$	not seen
Γ_3 $D^*\bar{D}^*$	seen

X(4160) BRANCHING RATIOS

$\Gamma(D\bar{D})/\Gamma(D^*\bar{D}^*)$				Γ_1/Γ_3
<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<0.09	90	PAKHLOV 08	BELL	$e^+e^- \rightarrow J/\psi X$

$\Gamma(D^*\bar{D} + \text{c.c.})/\Gamma(D^*\bar{D}^*)$				Γ_2/Γ_3
<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<0.22	90	PAKHLOV 08	BELL	$e^+e^- \rightarrow J/\psi X$

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