

X(4260)

$$I^G(J^{PC}) = ?^?(1^{--})$$

Seen in radiative return from e^+e^- collisions at $\sqrt{s} = 9.54\text{--}10.58$ GeV by AUBERT,B 05I, HE 06B, and YUAN 07, and in e^+e^- collisions at $\sqrt{s} \approx 4.26$ GeV by COAN 06. Possibly seen by AUBERT 06 in $B^- \rightarrow K^- \pi^+ \pi^- J/\psi$. See also the mini-review under the X(3872). (See the index for the page number.)

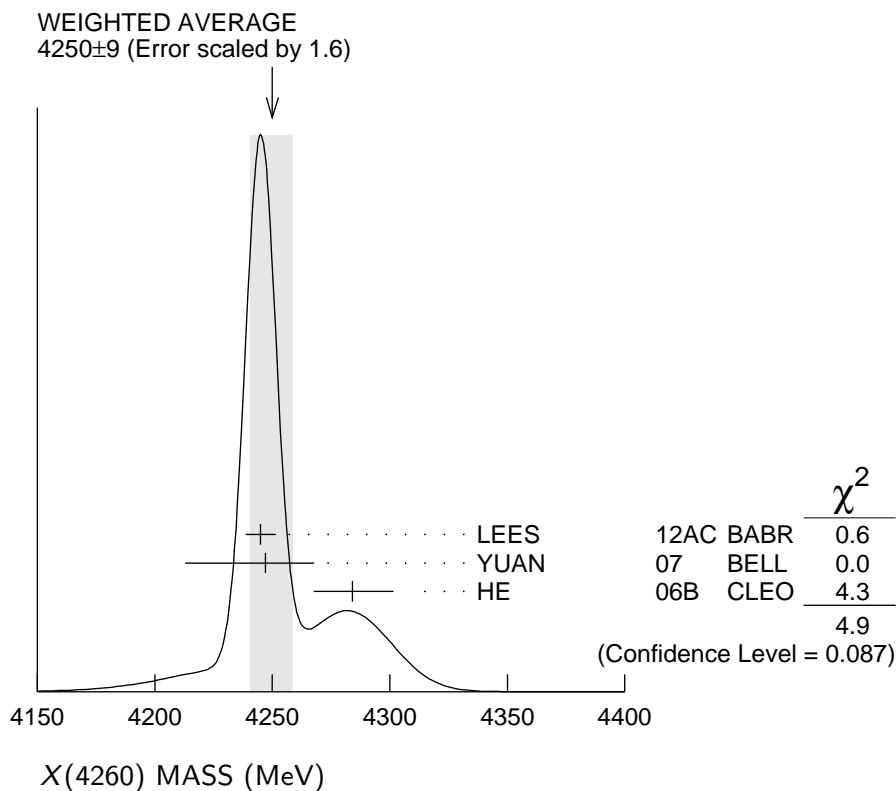
X(4260) MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
4250 ± 9 OUR AVERAGE		Error includes scale factor of 1.6. See the ideogram below.		
4245 ± 5 ± 4		¹ LEES	12AC BABR	10.58 $e^+e^- \rightarrow \gamma \pi^+ \pi^- J/\psi$
4247 ± 12 ⁺¹⁷ ₋₃₂		² YUAN	07 BELL	10.58 $e^+e^- \rightarrow \gamma \pi^+ \pi^- J/\psi$
4284 ⁺¹⁷ ₋₁₆ ± 4	13.6	HE	06B CLEO	9.4–10.6 $e^+e^- \rightarrow \gamma \pi^+ \pi^- J/\psi$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
4259 ± 8 ⁺² ₋₆	125	³ AUBERT,B	05I BABR	10.58 $e^+e^- \rightarrow \gamma \pi^+ \pi^- J/\psi$

¹ From a single-resonance fit. Supersedes AUBERT,B 05I.

² From a two-resonance fit.

³ From a single-resonance fit. Two interfering resonances are not excluded. Superseded by LEES 12AC.



X(4260) WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
108±12 OUR AVERAGE				
$114^{+16}_{-15} \pm 7$		⁴ LEES	12AC BABR	10.58 $e^+e^- \rightarrow \gamma\pi^+\pi^- J/\psi$
$108 \pm 19 \pm 10$		⁵ YUAN	07 BELL	10.58 $e^+e^- \rightarrow \gamma\pi^+\pi^- J/\psi$
$73^{+39}_{-25} \pm 5$	13.6	HE	06B CLEO	9.4–10.6 $e^+e^- \rightarrow \gamma\pi^+\pi^- J/\psi$

• • • We do not use the following data for averages, fits, limits, etc. • • •

$88 \pm 23^{+6}_{-4}$	125	⁶ AUBERT,B	05I BABR	10.58 $e^+e^- \rightarrow \gamma\pi^+\pi^- J/\psi$
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⁴ From a single-resonance fit. Supersedes AUBERT,B 05I.

⁵ From a two-resonance fit.

⁶ From a single-resonance fit. Two interfering resonances are not excluded. Superseded by LEES 12AC.

X(4260) DECAY MODES

Mode	Fraction (Γ_i/Γ)
Γ_1 e^+e^-	
Γ_2 $J/\psi\pi^+\pi^-$	seen
Γ_3 $J/\psi f_0(980), f_0(980) \rightarrow \pi^+\pi^-$	seen
Γ_4 $J/\psi\pi^0\pi^0$	seen
Γ_5 $J/\psi K^+K^-$	seen
Γ_6 $J/\psi\eta$	not seen
Γ_7 $J/\psi\pi^0$	not seen
Γ_8 $J/\psi\eta'$	not seen
Γ_9 $J/\psi\pi^+\pi^-\pi^0$	not seen
Γ_{10} $J/\psi\eta\eta$	not seen
Γ_{11} $\psi(2S)\pi^+\pi^-$	not seen
Γ_{12} $\psi(2S)\eta$	not seen
Γ_{13} $\chi_{c0}\omega$	not seen
Γ_{14} $\chi_{c1}\gamma$	not seen
Γ_{15} $\chi_{c2}\gamma$	not seen
Γ_{16} $\chi_{c1}\pi^+\pi^-\pi^0$	not seen
Γ_{17} $\chi_{c2}\pi^+\pi^-\pi^0$	not seen
Γ_{18} $h_c(1P)\pi^+\pi^-$	not seen
Γ_{19} $\phi\pi^+\pi^-$	not seen
Γ_{20} $\phi f_0(980) \rightarrow \phi\pi^+\pi^-$	not seen
Γ_{21} $D\bar{D}$	not seen
Γ_{22} $D^0\bar{D}^0$	not seen
Γ_{23} D^+D^-	not seen
Γ_{24} $D^*\bar{D} + \text{c.c.}$	not seen
Γ_{25} $D^*(2007)^0\bar{D}^0 + \text{c.c.}$	not seen
Γ_{26} $D^*(2010)^+D^- + \text{c.c.}$	not seen

Γ_{27}	$D^* \bar{D}^*$	not seen
Γ_{28}	$D^*(2007)^0 \bar{D}^*(2007)^0$	not seen
Γ_{29}	$D^*(2010)^+ D^*(2010)^-$	not seen
Γ_{30}	$D \bar{D} \pi + \text{c.c.}$	
Γ_{31}	$D^0 D^- \pi^+ + \text{c.c.}$ (excl. $D^*(2007)^0 \bar{D}^{*0} + \text{c.c.},$ $D^*(2010)^+ D^- + \text{c.c.}$)	not seen
Γ_{32}	$D \bar{D}^* \pi + \text{c.c.}$ (excl. $D^* \bar{D}^*$)	not seen
Γ_{33}	$D^0 D^{*-} \pi^+ + \text{c.c.}$ (excl. $D^*(2010)^+ D^*(2010)^-$)	not seen
Γ_{34}	$D^0 D^*(2010)^- \pi^+ + \text{c.c.}$	not seen
Γ_{35}	$D^* \bar{D}^* \pi$	not seen
Γ_{36}	$D_s^+ D_s^-$	not seen
Γ_{37}	$D_s^{*+} D_s^- + \text{c.c.}$	not seen
Γ_{38}	$D_s^{*+} D_s^{*-}$	not seen
Γ_{39}	$\rho \bar{\rho}$	not seen
Γ_{40}	$K_S^0 K^\pm \pi^\mp$	not seen
Γ_{41}	$K^+ K^- \pi^0$	not seen

$X(4260) \Gamma(i) \Gamma(e^+ e^-) / \Gamma(\text{total})$

$\Gamma(J/\psi \pi^+ \pi^-) \times \Gamma(e^+ e^-) / \Gamma_{\text{total}}$ $\Gamma_2 \Gamma_1 / \Gamma$

<u>VALUE (eV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
$9.0^{+1.0}_{-0.8}$ OUR AVERAGE					
$9.2 \pm 0.8 \pm 0.7$		⁷ LEES	12AC BABR	$10.58 e^+ e^- \rightarrow \gamma \pi^+ \pi^- J/\psi$	
$6.0 \pm 1.2^{+4.7}_{-0.5}$		⁸ YUAN	07 BELL	$10.58 e^+ e^- \rightarrow \gamma \pi^+ \pi^- J/\psi$	
$8.9^{+3.9}_{-3.1} \pm 1.8$	8.1	HE	06B CLEO	$9.4\text{--}10.6 e^+ e^- \rightarrow \gamma \pi^+ \pi^- J/\psi$	
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●					
$20.6 \pm 2.3^{+9.1}_{-1.7}$		⁹ YUAN	07 BELL	$10.58 e^+ e^- \rightarrow \gamma \pi^+ \pi^- J/\psi$	
$5.5 \pm 1.0^{+0.8}_{-0.7}$	125	¹⁰ AUBERT,B	05I BABR	$10.58 e^+ e^- \rightarrow \gamma \pi^+ \pi^- J/\psi$	

⁷ From a single-resonance fit. Supersedes AUBERT,B 05I.

⁸ Solution I of two equivalent solutions in a fit using two interfering resonances.

⁹ Solution II of two equivalent solutions in a fit using two interfering resonances.

¹⁰ From a single-resonance fit. Two interfering resonances are not excluded. Superseded by LEES 12AC.

$\Gamma(J/\psi K^+ K^-) \times \Gamma(e^+ e^-) / \Gamma_{\text{total}}$ $\Gamma_5 \Gamma_1 / \Gamma$

<u>VALUE (eV)</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●					
<1.2	90	¹¹ YUAN	08 BELL	$e^+ e^- \rightarrow \gamma K^+ K^- J/\psi$	

¹¹ From a fit of the broad $K^+ K^- J/\psi$ enhancement including a coherent $X(4260)$ amplitude with mass and width from YUAN 07.

$\Gamma(\psi(2S)\pi^+\pi^-) \times \Gamma(e^+e^-)/\Gamma_{\text{total}}$ $\Gamma_{11}\Gamma_1/\Gamma$

<u>VALUE (eV)</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
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• • • We do not use the following data for averages, fits, limits, etc. • • •

<4.3	90	¹² LIU	08H RVUE	10.58 $e^+e^- \rightarrow \psi(2S)\pi^+\pi^-\gamma$
$7.4^{+2.1}_{-1.7}$		¹³ LIU	08H RVUE	10.58 $e^+e^- \rightarrow \psi(2S)\pi^+\pi^-\gamma$

¹²For constructive interference with the $X(4360)$ in a combined fit of AUBERT 07S and WANG 07D data with three resonances.

¹³For destructive interference with the $X(4360)$ in a combined fit of AUBERT 07S and WANG 07D data with three resonances.

$\Gamma(\phi\pi^+\pi^-) \times \Gamma(e^+e^-)/\Gamma_{\text{total}}$ $\Gamma_{19}\Gamma_1/\Gamma$

<u>VALUE (eV)</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
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<0.4	90	AUBERT, BE	06D BABR	10.6 $e^+e^- \rightarrow K^+K^-\pi^+\pi^-\gamma$
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$\Gamma(\phi f_0(980) \rightarrow \phi\pi^+\pi^-) \times \Gamma(e^+e^-)/\Gamma_{\text{total}}$ $\Gamma_{20}\Gamma_1/\Gamma$

<u>VALUE (eV)</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
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<0.29	90	¹⁴ AUBERT	07AK BABR	10.6 $e^+e^- \rightarrow \pi^+\pi^-K^+K^-\gamma$
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¹⁴AUBERT 07AK reports $[\Gamma(X(4260) \rightarrow \phi f_0(980) \rightarrow \phi\pi^+\pi^-) \times \Gamma(X(4260) \rightarrow e^+e^-)/\Gamma_{\text{total}}] \times [B(\phi(1020) \rightarrow K^+K^-)] < 0.14$ eV which we divide by our best value $B(\phi(1020) \rightarrow K^+K^-) = 48.9 \times 10^{-2}$.

$\Gamma(K_S^0 K^\pm \pi^\mp) \times \Gamma(e^+e^-)/\Gamma_{\text{total}}$ $\Gamma_{40}\Gamma_1/\Gamma$

<u>VALUE (eV)</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
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• • • We do not use the following data for averages, fits, limits, etc. • • •

<0.5	90	AUBERT	08S BABR	10.6 $e^+e^- \rightarrow K_S^0 K^\pm \pi^\mp \gamma$
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$\Gamma(K^+K^-\pi^0) \times \Gamma(e^+e^-)/\Gamma_{\text{total}}$ $\Gamma_{41}\Gamma_1/\Gamma$

<u>VALUE (eV)</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
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• • • We do not use the following data for averages, fits, limits, etc. • • •

<0.6	90	AUBERT	08S BABR	10.6 $e^+e^- \rightarrow K^+K^-\pi^0\gamma$
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X(4260) BRANCHING RATIOS

$\Gamma(J/\psi f_0(980), f_0(980) \rightarrow \pi^+\pi^-)/\Gamma(J/\psi\pi^+\pi^-)$ Γ_3/Γ_2

<u>VALUE</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
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• • • We do not use the following data for averages, fits, limits, etc. • • •

0.17 ± 0.13	¹⁵ LEES	12AC BABR	10.58 $e^+e^- \rightarrow \gamma\pi^+\pi^- J/\psi$
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¹⁵Systematic uncertainties not estimated.

$\Gamma(h_c(1P)\pi^+\pi^-)/\Gamma(J/\psi\pi^+\pi^-)$ Γ_{18}/Γ_2

<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
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<1.0	90	¹⁶ PEDLAR	11 CLEO	$e^+e^- \rightarrow h_c(1P)\pi^+\pi^-$
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¹⁶At $\sqrt{s} = 4260$ MeV, PEDLAR 11 measures $\sigma(e^+e^- \rightarrow h_c(1P)\pi^+\pi^-) = 32 \pm 17 \pm 6 \pm 6$ pb, where the errors are statistical, systematic, and due to uncertainty in $B(\psi(2S) \rightarrow \pi^0 h_c(1P))$, respectively.

$\Gamma(D\bar{D})/\Gamma(J/\psi\pi^+\pi^-)$ Γ_{21}/Γ_2

<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<1.0	90	¹⁷ AUBERT	07BE BABR	$e^+e^- \rightarrow D\bar{D}\gamma$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●				
<4.0	90	CRONIN-HEN..09	CLEO	e^+e^-
¹⁷ Using 4259 ± 10 MeV for the mass and 88 ± 24 MeV for the width of $X(4260)$.				

$\Gamma(D^0\bar{D}^0)/\Gamma_{\text{total}}$ Γ_{22}/Γ

<u>VALUE</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
not seen	CRONIN-HEN..09	CLEO	$e^+e^- \rightarrow D^0\bar{D}^0$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
not seen	AUBERT	09M BABR	$e^+e^- \rightarrow D^0\bar{D}^0\gamma$
not seen	PAKHLOVA	08 BELL	$e^+e^- \rightarrow D^0\bar{D}^0\gamma$

$\Gamma(D^+D^-)/\Gamma_{\text{total}}$ Γ_{23}/Γ

<u>VALUE</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
not seen	CRONIN-HEN..09	CLEO	$e^+e^- \rightarrow D^+D^-$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
not seen	AUBERT	09M BABR	$e^+e^- \rightarrow D^+D^-\gamma$
not seen	PAKHLOVA	08 BELL	$e^+e^- \rightarrow D^+D^-\gamma$

$\Gamma(D^*\bar{D}+c.c.)/\Gamma(J/\psi\pi^+\pi^-)$ Γ_{24}/Γ_2

<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<34	90	AUBERT	09M BABR	$e^+e^- \rightarrow \gamma D^*\bar{D}$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●				
<45	90	CRONIN-HEN..09	CLEO	e^+e^-

$\Gamma(D^*(2007)^0\bar{D}^0+c.c.)/\Gamma_{\text{total}}$ Γ_{25}/Γ

<u>VALUE</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
not seen	CRONIN-HEN..09	CLEO	$e^+e^- \rightarrow D^{*0}\bar{D}^0$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
not seen	AUBERT	09M BABR	$e^+e^- \rightarrow D^{*0}\bar{D}^0\gamma$

$\Gamma(D^*(2010)^+D^-+c.c.)/\Gamma_{\text{total}}$ Γ_{26}/Γ

<u>VALUE</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
not seen	CRONIN-HEN..09	CLEO	$e^+e^- \rightarrow D^{*+}D^-$
not seen	PAKHLOVA	07 BELL	$e^+e^- \rightarrow D^{*+}D^-\gamma$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
not seen	AUBERT	09M BABR	$e^+e^- \rightarrow D^{*+}D^-\gamma$

$\Gamma(D^*\bar{D}^*)/\Gamma(J/\psi\pi^+\pi^-)$ Γ_{27}/Γ_2

<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<11	90	CRONIN-HEN..09	CLEO	e^+e^-
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●				
<40	90	AUBERT	09M BABR	$e^+e^- \rightarrow \gamma D^*\bar{D}^*$

$\Gamma(D^*(2007)^0 \bar{D}^*(2007)^0)/\Gamma_{\text{total}}$ Γ_{28}/Γ

VALUE	DOCUMENT ID	TECN	COMMENT
not seen	CRONIN-HEN..09	CLEO	$e^+ e^- \rightarrow D^{*0} \bar{D}^{*0}$
• • • We do not use the following data for averages, fits, limits, etc. • • •			
not seen	AUBERT	09M BABR	$e^+ e^- \rightarrow D^{*0} \bar{D}^{*0} \gamma$

$\Gamma(D^*(2010)^+ D^*(2010)^-)/\Gamma_{\text{total}}$ Γ_{29}/Γ

VALUE	DOCUMENT ID	TECN	COMMENT
not seen	CRONIN-HEN..09	CLEO	$e^+ e^- \rightarrow D^{*+} D^{*-}$
not seen	PAKHLOVA 07	BELL	$e^+ e^- \rightarrow D^{*+} D^{*-} \gamma$
• • • We do not use the following data for averages, fits, limits, etc. • • •			
not seen	AUBERT	09M BABR	$e^+ e^- \rightarrow D^{*+} D^{*-} \gamma$

$\Gamma(D^0 D^- \pi^+ + \text{c.c. (excl. } D^*(2007)^0 \bar{D}^{*0} + \text{c.c., } D^*(2010)^+ D^- + \text{c.c.))}/\Gamma_{\text{total}}$ Γ_{31}/Γ

VALUE	DOCUMENT ID	TECN	COMMENT
not seen	PAKHLOVA 08A	BELL	$10.6 e^+ e^- \rightarrow D^0 D^- \pi^+ \gamma$

$\Gamma(D \bar{D}^* \pi + \text{c.c. (excl. } D^* \bar{D}^*)/\Gamma_{\text{total}}$ Γ_{32}/Γ

VALUE	DOCUMENT ID	TECN	COMMENT
not seen	CRONIN-HEN..09	CLEO	$e^+ e^- \rightarrow D^* \bar{D} \pi$

$\Gamma(D \bar{D}^* \pi + \text{c.c. (excl. } D^* \bar{D}^*)/\Gamma(J/\psi \pi^+ \pi^-)$ Γ_{32}/Γ_2

VALUE	CL%	DOCUMENT ID	TECN	COMMENT
<15	90	CRONIN-HEN..09	CLEO	$e^+ e^-$

$\Gamma(D^0 D^{*-} \pi^+ + \text{c.c. (excl. } D^*(2010)^+ D^*(2010)^-))/\Gamma_{\text{total}}$ Γ_{33}/Γ

VALUE	DOCUMENT ID	TECN	COMMENT
not seen	PAKHLOVA 09	BELL	$e^+ e^- \rightarrow D^0 D^{*-} \pi^+ \gamma$

$\Gamma(D^0 D^*(2010)^- \pi^+ + \text{c.c.})/\Gamma(J/\psi \pi^+ \pi^-)$ Γ_{34}/Γ_2

VALUE	CL%	DOCUMENT ID	TECN	COMMENT
<9	90	PAKHLOVA 09	BELL	$e^+ e^- \rightarrow D^0 D^{*-} \pi^+$

$\Gamma(D^0 D^*(2010)^- \pi^+ + \text{c.c.})/\Gamma_{\text{total}} \times \Gamma(e^+ e^-)/\Gamma_{\text{total}}$ $\Gamma_{34}/\Gamma \times \Gamma_1/\Gamma$

VALUE	CL%	DOCUMENT ID	TECN	COMMENT
<0.42 × 10 ⁻⁶	90	¹⁸ PAKHLOVA 09	BELL	$e^+ e^- \rightarrow D^0 D^{*-} \pi^+$

¹⁸ Using 4263⁺⁸₋₉ MeV for the mass of X(4260).

$\Gamma(D^* \bar{D}^* \pi)/\Gamma_{\text{total}}$ Γ_{35}/Γ

VALUE	DOCUMENT ID	TECN	COMMENT
not seen	CRONIN-HEN..09	CLEO	$e^+ e^- \rightarrow D^* \bar{D}^* \pi$

$\Gamma(D^* \bar{D}^* \pi)/\Gamma(J/\psi \pi^+ \pi^-)$ Γ_{35}/Γ_2

VALUE	CL%	DOCUMENT ID	TECN	COMMENT
<8.2	90	CRONIN-HEN..09	CLEO	$e^+ e^-$

$\Gamma(D_s^+ D_s^-)/\Gamma_{\text{total}}$ Γ_{36}/Γ

<u>VALUE</u>		<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
not seen		DEL-AMO-SA..10N	BABR	$e^+ e^- \rightarrow D_s^+ D_s^- \gamma$
not seen		CRONIN-HEN..09	CLEO	$e^+ e^- \rightarrow D_s^+ D_s^-$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
not seen		PAKHLOVA 11	BELL	$e^+ e^- \rightarrow D_s^+ D_s^- \gamma$

$\Gamma(D_s^+ D_s^-)/\Gamma(J/\psi \pi^+ \pi^-)$ Γ_{36}/Γ_2

<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<0.7	95	DEL-AMO-SA..10N	BABR	$10.6 e^+ e^-$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
<1.3	90	CRONIN-HEN..09	CLEO	$e^+ e^-$

$\Gamma(D_s^{*+} D_s^- + \text{c.c.})/\Gamma_{\text{total}}$ Γ_{37}/Γ

<u>VALUE</u>		<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
not seen		DEL-AMO-SA..10N	BABR	$e^+ e^- \rightarrow D_s^{*+} D_s^- \gamma$
not seen		CRONIN-HEN..09	CLEO	$e^+ e^- \rightarrow D_s^{*+} D_s^-$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
not seen		PAKHLOVA 11	BELL	$e^+ e^- \rightarrow D_s^{*+} D_s^- \gamma$

$\Gamma(D_s^{*+} D_s^- + \text{c.c.})/\Gamma(J/\psi \pi^+ \pi^-)$ Γ_{37}/Γ_2

<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
< 0.8	90	CRONIN-HEN..09	CLEO	$e^+ e^-$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
<44	95	DEL-AMO-SA..10N	BABR	$10.6 e^+ e^-$

$\Gamma(D_s^{*+} D_s^{*-})/\Gamma_{\text{total}}$ Γ_{38}/Γ

<u>VALUE</u>		<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
not seen		CRONIN-HEN..09	CLEO	$e^+ e^- \rightarrow D_s^{*+} D_s^{*-}$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
not seen		PAKHLOVA 11	BELL	$e^+ e^- \rightarrow D_s^{*+} D_s^{*-} \gamma$
not seen		DEL-AMO-SA..10N	BABR	$e^+ e^- \rightarrow D_s^{*+} D_s^{*-} \gamma$

$\Gamma(D_s^{*+} D_s^{*-})/\Gamma(J/\psi \pi^+ \pi^-)$ Γ_{38}/Γ_2

<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
< 9.5	90	CRONIN-HEN..09	CLEO	$e^+ e^-$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
<30	95	DEL-AMO-SA..10N	BABR	$10.6 e^+ e^-$

$\Gamma(p\bar{p})/\Gamma(J/\psi \pi^+ \pi^-)$ Γ_{39}/Γ_2

<u>VALUE</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<0.13	90	¹⁹ AUBERT 06B		$e^+ e^- \rightarrow p\bar{p}\gamma$

¹⁹ Using 4259 ± 10 MeV for the mass and 88 ± 24 MeV for the width of $X(4260)$.

X(4260) REFERENCES

LEES	12AC	PR D86 051102	J.P. Lees <i>et al.</i>	(BABAR Collab.)
PAKHLOVA	11	PR D83 011101	G. Pakhlova <i>et al.</i>	(BELLE Collab.)
PEDLAR	11	PRL 107 041803	T. Pedlar <i>et al.</i>	(CLEO Collab.)
DEL-AMO-SA...	10N	PR D82 052004	P. del Amo Sanchez <i>et al.</i>	(BABAR Collab.)
AUBERT	09M	PR D79 092001	B. Aubert <i>et al.</i>	(BABAR Collab.)
CRONIN-HEN...	09	PR D80 072001	D. Cronin-Hennessy <i>et al.</i>	(CLEO Collab.)
PAKHLOVA	09	PR D80 091101	G. Pakhlova <i>et al.</i>	(BELLE Collab.)
AUBERT	08S	PR D77 092002	B. Aubert <i>et al.</i>	(BABAR Collab.)
LIU	08H	PR D78 014032	Z.Q. Liu, X.S. Qin, C.Z. Yuan	
PAKHLOVA	08	PR D77 011103	G. Pakhlova <i>et al.</i>	(BELLE Collab.)
PAKHLOVA	08A	PRL 100 062001	G. Pakhlova <i>et al.</i>	(BELLE Collab.)
YUAN	08	PR D77 011105	C.Z. Yuan <i>et al.</i>	(BELLE Collab.)
AUBERT	07AK	PR D76 012008	B. Aubert <i>et al.</i>	(BABAR Collab.)
AUBERT	07BE	PR D76 111105	B. Aubert <i>et al.</i>	(BABAR Collab.)
AUBERT	07S	PRL 98 212001	B. Aubert <i>et al.</i>	(BABAR Collab.)
PAKHLOVA	07	PRL 98 092001	G. Pakhlova <i>et al.</i>	(BELLE Collab.)
WANG	07D	PRL 99 142002	X.L. Wang <i>et al.</i>	(BELLE Collab.)
YUAN	07	PRL 99 182004	C.Z. Yuan <i>et al.</i>	(BELLE Collab.)
AUBERT	06	PR D73 011101	B. Aubert <i>et al.</i>	(BABAR Collab.)
AUBERT	06B	PR D73 012005	B. Aubert <i>et al.</i>	(BABAR Collab.)
AUBERT,BE	06D	PR D74 091103	B. Aubert <i>et al.</i>	(BABAR Collab.)
COAN	06	PRL 96 162003	T.E. Coan <i>et al.</i>	(CLEO Collab.)
HE	06B	PR D74 091104	Q. He <i>et al.</i>	(CLEO Collab.)
AUBERT,B	05I	PRL 95 142001	B. Aubert <i>et al.</i>	(BABAR Collab.)
