

$\chi_{c0}(1P)$

$$I^G(J^{PC}) = 0^+(0^{++})$$

$\chi_{c0}(1P)$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
3415.19 ± 0.34 OUR AVERAGE				
3414.7 $\begin{smallmatrix} + 0.7 \\ - 0.6 \end{smallmatrix}$ ± 0.2		¹ ANDREOTTI 03	E835	$\bar{p}p \rightarrow \chi_{c0} \rightarrow \pi^0 \pi^0$
3415.4 ± 0.4 ± 0.2	392	¹ BAGNASCO	02 E835	$\bar{p}p \rightarrow \chi_{c0} \rightarrow J/\psi \gamma$
3416.5 ± 3.0		EISENSTEIN 01	CLE2	$e^+ e^- \rightarrow e^+ e^- \chi_{c0}$
3417.4 $\begin{smallmatrix} + 1.8 \\ - 1.9 \end{smallmatrix}$ ± 0.2		¹ AMBROGIANI 99B	E835	$\bar{p}p \rightarrow e^+ e^- \gamma$
3414.1 ± 0.6 ± 0.8		BAI	99B BES	$\psi(2S) \rightarrow \gamma X$
3417.8 ± 0.4 ± 4		¹ GAISER	86 CBAL	$\psi(2S) \rightarrow \gamma X$
3422 ± 10		² BARTEL	78B CNTR	$e^+ e^- \rightarrow J/\psi 2\gamma$
3416 ± 3 ± 4		² TANENBAUM 78	MRK1	$e^+ e^-$
3415 ± 9		² BIDDICK 77	CNTR	$e^+ e^- \rightarrow \gamma X$

¹ Using mass of $\psi(2S) = 3686.0$ MeV.

² Mass value shifted by us by amount appropriate for $\psi(2S)$ mass = 3686 MeV and $J/\psi(1S)$ mass = 3097 MeV.

$\chi_{c0}(1P)$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
10.1 ± 0.8 OUR FIT				
10.2 ± 0.9 OUR AVERAGE Error includes scale factor of 1.2.				
8.6 $\begin{smallmatrix} + 1.7 \\ - 1.3 \end{smallmatrix}$ ± 0.1		ANDREOTTI 03	E835	$\bar{p}p \rightarrow \chi_{c0} \rightarrow \pi^0 \pi^0$
9.8 ± 1.0 ± 0.1	392	BAGNASCO 02	E835	$\bar{p}p \rightarrow \chi_{c0} \rightarrow J/\psi \gamma$
16.6 $\begin{smallmatrix} + 5.2 \\ - 3.7 \end{smallmatrix}$ ± 0.1		AMBROGIANI 99B	E835	$\bar{p}p \rightarrow e^+ e^- \gamma$
14.3 ± 2.0 ± 3.0		BAI	98I BES	$\psi(2S) \rightarrow \gamma \pi^+ \pi^-$
13.5 ± 3.3 ± 4.2		GAISER 86	CBAL	$\psi(2S) \rightarrow \gamma X, \gamma \pi^0 \pi^0$

$\chi_{c0}(1P)$ DECAY MODES

Mode	Fraction (Γ_i/Γ)	Confidence level
Hadronic decays		
Γ_1 $2(\pi^+ \pi^-)$	(2.58 ± 0.31) %	
Γ_2 $\pi^+ \pi^- K^+ K^-$	(2.1 ± 0.5) %	
Γ_3 $\rho^0 \pi^+ \pi^-$	(1.6 ± 0.5) %	
Γ_4 $3(\pi^+ \pi^-)$	(1.27 ± 0.22) %	
Γ_5 $K^+ \bar{K}^*(892)^0 \pi^- + c.c.$	(1.2 ± 0.4) %	
Γ_6 $K^+ K^-$	(6.0 ± 0.9) × 10 ⁻³	
Γ_7 $\pi \pi$	(7.4 ± 0.8) × 10 ⁻³	

Γ_8	$\eta\eta$	$(2.1 \pm 1.1) \times 10^{-3}$	
Γ_9	$K^+ K^- K^+ K^-$	$(2.3 \pm 0.5) \times 10^{-3}$	
Γ_{10}	$K_S^0 K_S^0$	$(2.1 \pm 0.6) \times 10^{-3}$	
Γ_{11}	$\pi^+ \pi^- \rho\bar{\rho}$	$(2.2 \pm 0.8) \times 10^{-3}$	
Γ_{12}	$\phi\phi$	$(1.0 \pm 0.6) \times 10^{-3}$	
Γ_{13}	$\rho\bar{\rho}$	$(2.24 \pm 0.27) \times 10^{-4}$	
Γ_{14}	$\Lambda\bar{\Lambda}$	$(4.7 \pm 1.6) \times 10^{-4}$	
Γ_{15}	$K_S^0 K^+ \pi^- + \text{c.c.}$	$< 8 \times 10^{-4}$	90%

Radiative decays

Γ_{16}	$\gamma J/\psi(1S)$	$(1.18 \pm 0.14) \%$
Γ_{17}	$\gamma\gamma$	$(2.6 \pm 0.5) \times 10^{-4}$

$\chi_{c0}(1P)$ PARTIAL WIDTHS

$\chi_{c0}(1P) \Gamma(i)\Gamma(\gamma J/\psi(1S))/\Gamma(\text{total})$

$\Gamma(\rho\bar{\rho}) \times \Gamma(\gamma J/\psi(1S))/\Gamma_{\text{total}}$	$\Gamma_{13}\Gamma_{16}/\Gamma$
<u>VALUE (eV)</u>	<u>EVTS</u> <u>DOCUMENT ID</u> <u>TECN</u> <u>COMMENT</u>
26.8 ± 2.9 OUR FIT	

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

$26.6 \pm 2.6 \pm 1.4$	392	^{3,4} BAGNASCO	02	E835	$\bar{p}p \rightarrow \chi_{c0} \rightarrow J/\psi\gamma$
$48.7^{+11.3}_{-8.9} \pm 2.4$		^{3,4} AMBROGIANI	99B	E835	$\bar{p}p \rightarrow \gamma J/\psi$

$\Gamma(\gamma\gamma) \times \Gamma(2(\pi^+\pi^-))/\Gamma_{\text{total}}$	$\Gamma_{17}\Gamma_1/\Gamma$
<u>VALUE (eV)</u>	<u>DOCUMENT ID</u> <u>TECN</u> <u>COMMENT</u>
67 ± 14 OUR FIT	

75 ± 13 ± 8 EISENSTEIN 01 CLE2 $e^+e^- \rightarrow e^+e^-\chi_{c0}$

³ Calculated by us using $B(J/\psi(1S) \rightarrow e^+e^-) = 0.0593 \pm 0.0010$.

⁴ Values in $(\Gamma(\rho\bar{\rho}) \times \Gamma(\gamma J/\psi(1S))/\Gamma_{\text{total}})$ and $(\Gamma(\rho\bar{\rho}) \times \Gamma(\gamma J/\psi(1S))/\Gamma_{\text{total}}^2)$ are not independent. The latter is used in the fit since it is less correlated to the total width.

$\chi_{c0}(1P)$ BRANCHING RATIOS

HADRONIC DECAYS

$\Gamma(2(\pi^+\pi^-))/\Gamma_{\text{total}}$	Γ_1/Γ
<u>VALUE</u>	<u>DOCUMENT ID</u>
0.0258 ± 0.0031 OUR FIT	

$\Gamma(\pi^+\pi^-K^+K^-)/\Gamma_{\text{total}}$	Γ_2/Γ
<u>VALUE (units 10^{-3})</u>	<u>DOCUMENT ID</u> <u>TECN</u> <u>COMMENT</u>
21 ± 5 OUR EVALUATION	Treating systematic error as correlated.

21 ± 6 OUR AVERAGE Error includes scale factor of 1.9.

$15.6 \pm 0.7 \pm 3.9$	⁵ BAI	99B	BES	$\psi(2S) \rightarrow \gamma\chi_{c0}$
$27.4 \pm 3.7 \pm 2.7$	⁵ TANENBAUM	78	MRK1	$\psi(2S) \rightarrow \gamma\chi_{c0}$

$\Gamma(\rho^0 \pi^+ \pi^-)/\Gamma_{\text{total}}$					Γ_3/Γ
<u>VALUE</u>		<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
0.016±0.005		⁶ TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$	
$\Gamma(3(\pi^+ \pi^-))/\Gamma_{\text{total}}$					Γ_4/Γ
<u>VALUE (units 10⁻³)</u>		<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
12.7±2.2 OUR EVALUATION		Treating systematic error as correlated.			
12.7±2.0 OUR AVERAGE					
12.4±1.1±2.3		⁵ BAI	99B BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$	
13.3±3.0±1.3		⁵ TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$	
$\Gamma(K^+ \bar{K}^*(892)^0 \pi^- + \text{c.c.})/\Gamma_{\text{total}}$					Γ_5/Γ
<u>VALUE</u>		<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
0.012±0.004		⁶ TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$	
$\Gamma(K^+ K^-)/\Gamma_{\text{total}}$					Γ_6/Γ
<u>VALUE (units 10⁻³)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
6.0±0.4±0.8	774± 38	⁵ BAI	98I BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$	
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●					
⁶ ±3		⁶ BRANDELIK 79B	DASP	$\psi(2S) \rightarrow \gamma \chi_{c0}$	
⁹ ±4		⁶ TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$	
$\Gamma(K_S^0 K_S^0)/\Gamma_{\text{total}}$					Γ_{10}/Γ
<u>VALUE (units 10⁻³)</u>		<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
2.08±0.30±0.54		⁵ BAI	99B BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$	
$\Gamma(\pi \pi)/\Gamma_{\text{total}}$					Γ_7/Γ
<u>VALUE (units 10⁻³)</u>		<u>DOCUMENT ID</u>			
7.4±0.8 OUR FIT					
$\Gamma(K^+ K^- K^+ K^-)/\Gamma_{\text{total}}$					Γ_9/Γ
<u>VALUE (units 10⁻³)</u>		<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
2.27±0.28±0.40		⁵ BAI	99B BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$	
$\Gamma(\pi^+ \pi^- \rho \bar{\rho})/\Gamma_{\text{total}}$					Γ_{11}/Γ
<u>VALUE (units 10⁻³)</u>		<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
2.2 ±0.8 OUR EVALUATION		Treating systematic error as correlated.			
2.2 ±1.1 OUR AVERAGE		Error includes scale factor of 1.9.			
1.66±0.22±0.58		⁵ BAI	99B BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$	
4.4 ±1.2 ±0.4		⁵ TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$	
$\Gamma(\phi \phi)/\Gamma_{\text{total}}$					Γ_{12}/Γ
<u>VALUE (units 10⁻³)</u>		<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
1.0±0.4±0.4		⁵ BAI	99B BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$	

$\Gamma(\eta\eta)/\Gamma_{\text{total}}$ Γ_8/Γ

<u>VALUE (units 10^{-3})</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
$2.1 \pm 0.9 \pm 0.6$	12.7 ± 5.3	⁵ BAI	03C BES	$\psi(2S) \rightarrow \gamma\eta\eta \rightarrow 5\gamma$

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

$2.5 \pm 0.8 \pm 0.8$		⁷ LEE	85 CBAL	$\psi' \rightarrow \text{photons}$
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$\Gamma(\eta\eta)/\Gamma(\pi\pi)$ Γ_8/Γ_7

<u>VALUE</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
$0.24 \pm 0.10 \pm 0.08$	⁸ BAI	03C BES	$\psi(2S) \rightarrow 5\gamma$

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

$\Gamma(K_S^0 K^+ \pi^- + \text{c.c.})/\Gamma_{\text{total}}$ Γ_{15}/Γ

<u>VALUE (units 10^{-3})</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<0.8	90	⁵ BAI	99B BES	$\psi(2S) \rightarrow \gamma\chi_{c0}$

$\Gamma(p\bar{p})/\Gamma_{\text{total}}$ Γ_{13}/Γ

<u>VALUE (units 10^{-4})</u>	<u>DOCUMENT ID</u>
2.24 ± 0.27 OUR FIT	

$\Gamma(\Lambda\bar{\Lambda})/\Gamma_{\text{total}}$ Γ_{14}/Γ

<u>VALUE (units 10^{-4})</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
$4.7 \pm 1.3 \pm 1.0$	$15.2^{+4.2}_{-4.0}$	⁵ BAI	03E BES	$\psi(2S) \rightarrow \gamma\chi_{c0} \rightarrow \gamma\Lambda\bar{\Lambda}$

$\Gamma(p\bar{p}) \times \Gamma(\pi\pi)/\Gamma_{\text{total}}^2$ $\Gamma_{13}\Gamma_7/\Gamma^2$

<u>VALUE (units 10^{-7})</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
16.7 ± 1.9 OUR FIT			
$15.3 \pm 2.4 \pm 0.8$	⁹ ANDREOTTI	03 E835	$\bar{p}p \rightarrow \chi_{c0} \rightarrow \pi^0\pi^0$

⁵ Rescaled by us using $B(\psi(2S) \rightarrow \gamma\chi_{c0}) = (8.6 \pm 0.7)\%$ and $B(\psi(2S) \rightarrow J/\psi(1S)\pi^+\pi^-) = 0.317 \pm 0.011$.

⁶ Calculated using $B(\psi(2S) \rightarrow \gamma\chi_{c0}(1P)) = 0.094$; the errors do not contain the uncertainty in the $\psi(2S)$ decay.

⁷ Calculated using $B(\psi(2S) \rightarrow \gamma\chi_{c0}(1P)) = 0.093 \pm 0.008$.

⁸ We have multiplied $\pi^0\pi^0$ measurement by 3 to obtain $\pi\pi$.

⁹ We have multiplied $B(p\bar{p}) \cdot B(\pi^0\pi^0)$ measurement by 3 to obtain $B(p\bar{p}) \cdot B(\pi\pi)$.

————— **RADIATIVE DECAYS** —————

$\Gamma(\gamma J/\psi(1S))/\Gamma_{\text{total}}$ Γ_{16}/Γ

<u>VALUE (units 10^{-4})</u>	<u>DOCUMENT ID</u>
118 ± 14 OUR FIT	

$\Gamma(\gamma\gamma)/\Gamma_{\text{total}}$ Γ_{17}/Γ

<u>VALUE (units 10^{-4})</u>	<u>DOCUMENT ID</u>
2.6 ± 0.5 OUR FIT	

$\Gamma(\gamma\gamma)/\Gamma(\gamma J/\psi(1S))$			Γ_{17}/Γ_{16}	
VALUE (units 10^{-2})	DOCUMENT ID	TECN	COMMENT	
2.2 ± 0.6 OUR FIT				
1.45 ± 0.74	10 AMBROGIANI 00B	E835	$\bar{p}p \rightarrow \chi_{c2} \rightarrow \gamma\gamma,$ $\gamma J/\psi$	

$\Gamma(p\bar{p}) \times \Gamma(\gamma J/\psi(1S))/\Gamma_{total}^2$			$\Gamma_{13}\Gamma_{16}/\Gamma^2$	
VALUE (units 10^{-7})	EVTS	DOCUMENT ID	TECN	COMMENT
26.5 ± 2.0 OUR FIT				
27.5 ± 2.1 OUR AVERAGE				
27.2 ± 1.9 ± 1.3	392	10,11 BAGNASCO 02	E835	$\bar{p}p \rightarrow \chi_{c0} \rightarrow J/\psi\gamma$
29.3 $^{+5.7}_{-4.7}$ ± 1.5	89	10,11 AMBROGIANI 99B		$\bar{p}p \rightarrow \chi_{c0} \rightarrow J/\psi\gamma$

¹⁰ Calculated by us using $B(J/\psi(1S) \rightarrow e^+e^-) = 0.0593 \pm 0.0010$.

¹¹ Values in $(\Gamma(p\bar{p}) \times \Gamma(\gamma J/\psi(1S))/\Gamma_{total})$ and $(\Gamma(p\bar{p}) \times \Gamma(\gamma J/\psi(1S))/\Gamma_{total}^2)$ are not independent. The latter is used in the fit since it is less correlated to the total width.

$\chi_{c0}(1P)$ CROSS-PARTICLE BRANCHING RATIOS

$$B(\chi_{c0}(1P) \rightarrow p\bar{p}) \times \frac{\Gamma(\psi(2S) \rightarrow \gamma\chi_{c0}(1P))}{\Gamma(\psi(2S) \rightarrow J/\psi(1S)\pi^+\pi^-)}$$

VALUE (units 10^{-5})	DOCUMENT ID	TECN	COMMENT
6.1 ± 1.1 OUR FIT			
4.6 ± 1.9	12 BAI	98I BES	$\psi(2S) \rightarrow \gamma\chi_{c0} \rightarrow \gamma\bar{p}p$

$$B(\chi_{c0}(1P) \rightarrow \gamma J/\psi(1S)) \times B(\psi(2S) \rightarrow \gamma\chi_{c0}(1P))$$

VALUE (units 10^{-2})	DOCUMENT ID	TECN	COMMENT
0.101 ± 0.012 OUR FIT			
0.073 ± 0.018 OUR AVERAGE			
0.069 ± 0.018	13 OREGLIA	82 CBAL	$\psi(2S) \rightarrow \gamma\chi_{c0}$
0.4 ± 0.3	14 BRANDELIK	79B DASP	$\psi(2S) \rightarrow \gamma\chi_{c0}$
0.16 ± 0.11	14 BARTEL	78B CNTR	$\psi(2S) \rightarrow \gamma\chi_{c0}$
3.3 ± 1.7	15 BIDDICK	77 CNTR	$e^+e^- \rightarrow \gamma X$

$$B(\chi_{c0}(1P) \rightarrow \gamma\gamma) \times B(\psi(2S) \rightarrow \gamma\chi_{c0}(1P))$$

VALUE (units 10^{-5})	DOCUMENT ID	TECN	COMMENT
2.2 ± 0.5 OUR FIT			
3.7 ± 1.8 ± 1.0	LEE	85 CBAL	$\psi(2S) \rightarrow \gamma\chi_{c0}$

$$B(\chi_{c0}(1P) \rightarrow \pi\pi) \times \frac{\Gamma(\psi(2S) \rightarrow \gamma\chi_{c0}(1P))}{\Gamma(\psi(2S) \rightarrow J/\psi(1S)\pi^+\pi^-)}$$

VALUE (units 10^{-4})	EVTS	DOCUMENT ID	TECN	COMMENT
20.1±2.1 OUR FIT				
20.7±1.7 OUR AVERAGE				
23.9±2.7±4.1	96.9±11.1	16 BAI	03C BES	$\psi(2S) \rightarrow \gamma\chi_{c0} \rightarrow \gamma\pi^0\pi^0$
20.2±1.1±1.5	720±32	17 BAI	98I BES	$\psi(2S) \rightarrow \gamma\chi_{c0} \rightarrow \gamma\pi^+\pi^-$

$$B(\chi_{c0}(1P) \rightarrow 2(\pi^+\pi^-)) \times \frac{\Gamma(\psi(2S) \rightarrow \gamma\chi_{c0}(1P))}{\Gamma(\psi(2S) \rightarrow J/\psi(1S)\pi^+\pi^-)}$$

VALUE (units 10^{-3})	DOCUMENT ID	TECN	COMMENT
7.0±0.8 OUR FIT			
6.9±2.4 OUR AVERAGE Error includes scale factor of 3.8.			
4.4±0.1±0.9	18 BAI	99B BES	$\psi(2S) \rightarrow \gamma\chi_{c0}$
9.3±0.9	19 TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma\chi_{c0}$

¹² Calculated by us. The value for $B(\chi_{c0} \rightarrow \rho\bar{\rho})$ reported in BAI 98I is derived using $B(\psi(2S) \rightarrow \gamma\chi_{c0}) = (9.3 \pm 0.8)\%$ and $B(\psi(2S) \rightarrow J/\psi(1S)\pi^+\pi^-) = (32.4 \pm 2.6)\%$ [BAI 98D].

¹³ Recalculated by us using $B(J/\psi(1S) \rightarrow \ell^+\ell^-) = 0.1181 \pm 0.0020$.

¹⁴ Recalculated by us using $B(J/\psi(1S) \rightarrow \mu^+\mu^-) = 0.0588 \pm 0.0010$.

¹⁵ Assumes isotropic gamma distribution.

¹⁶ We have multiplied $\pi^0\pi^0$ measurement by 3 to obtain $\pi\pi$.

¹⁷ Calculated by us. The value for $B(\chi_{c0} \rightarrow \pi^+\pi^-)$ reported in BAI 98I is derived using $B(\psi' \rightarrow \gamma\chi_{c0}) = (9.3 \pm 0.8)\%$ and $B(\psi' \rightarrow J/\psi\pi^+\pi^-) = (32.4 \pm 2.6)\%$ [BAI 98D].

We have multiplied $\pi^+\pi^-$ measurement by 3/2 to obtain $\pi\pi$.

¹⁸ Calculated by us. The value for $B(\chi_{c0} \rightarrow 2\pi^+2\pi^-)$ reported in BAI 99B is derived using $B(\psi(2S) \rightarrow \gamma\chi_{c0}) = (9.3 \pm 0.8)\%$ and $B(\psi(2S) \rightarrow J/\psi(1S)\pi^+\pi^-) = (32.4 \pm 2.6)\%$ [BAI 98D].

¹⁹ The value $B(\psi(1S) \rightarrow \gamma\chi_{c0}) \times B(\chi_{c0} \rightarrow 2\pi^+2\pi^-)$ reported in TANENBAUM 78 is derived using $B(\psi(2S) \rightarrow J/\psi(1S)\pi^+\pi^-) \times B(J/\psi(1S) \rightarrow \ell^+\ell^-) = (4.6 \pm 0.7)\%$. Calculated by us using $B(J/\psi(1S) \rightarrow \ell^+\ell^-) = 0.1181 \pm 0.0020$.

$\chi_{c0}(1P)$ REFERENCES

ANDREOTTI 03	PRL 91 091801	M. Andreotti <i>et al.</i>	(FNAL E835 Collab.)
BAI 03C	PR D67 032004	J.Z. Bai <i>et al.</i>	(BES Collab.)
BAI 03E	PR D67 112001	J.Z. Bai <i>et al.</i>	(BES Collab.)
BAGNASCO 02	PL B533 237	S. Bagnasco <i>et al.</i>	(FNAL E835 Collab.)
EISENSTEIN 01	PRL 87 061801	B.I. Eisenstein <i>et al.</i>	(CLEO Collab.)
AMBROGIANI 00B	PR D62 052002	M. Ambrogiani <i>et al.</i>	(FNAL E835 Collab.)
AMBROGIANI 99B	PRL 83 2902	M. Ambrogiani <i>et al.</i>	(FNAL E835 Collab.)
BAI 99B	PR D60 072001	J.Z. Bai <i>et al.</i>	(BES Collab.)
BAI 98D	PR D58 092006	J.Z. Bai <i>et al.</i>	(BES Collab.)
BAI 98I	PRL 81 3091	J.Z. Bai <i>et al.</i>	(BES Collab.)
GAISER 86	PR D34 711	J. Gaiser <i>et al.</i>	(Crystal Ball Collab.)
LEE 85	SLAC 282	R.A. Lee	(SLAC)
OREGLIA 82	PR D25 2259	M.J. Oreglia <i>et al.</i>	(SLAC, CIT, HARV+)
BRANDELIK 79B	NP B160 426	R. Brandelik <i>et al.</i>	(DASP Collab.)
BARTEL 78B	PL 79B 492	W. Bartel <i>et al.</i>	(DESY, HEIDP)
TANENBAUM 78	PR D17 1731	W.M. Tanenbaum <i>et al.</i>	(SLAC, LBL)
Also 82	Private Comm.	G. Trilling	(LBL, UCB)
BIDDICK 77	PRL 38 1324	C.J. Biddick <i>et al.</i>	(UCSD, UMD, PAVI+)

————— **OTHER RELATED PAPERS** —————

BARBERIS	00G	PL B485 357	D. Barberis <i>et al.</i>	(Omega Expt.)
ACCIARRI	99T	PL B461 155	M. Acciarri <i>et al.</i>	(L3 Collab.)
CHEN	90B	PL B243 169	W.Y. Chen <i>et al.</i>	(CLEO Collab.)
AIHARA	88D	PRL 60 2355	H. Aihara <i>et al.</i>	(TPC Collab.)
FELDMAN	75B	PRL 35 821	G.J. Feldman <i>et al.</i>	(LBL, SLAC)
Also	75C	PRL 35 1189	G.J. Feldman	
Erratum.				
TANENBAUM	75	PRL 35 1323	W.M. Tanenbaum <i>et al.</i>	(LBL, SLAC)
