

**$\chi_{c0}(1P)$**  $I^G(J^{PC}) = 0^+(0^{++})$  **$\chi_{c0}(1P)$  MASS**

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
<b>3415.3 ± 0.4 OUR NEW AVERAGE</b>		[3415.1 ± 0.8 MeV OUR 2002 AVERAGE]		
3415.4 ± 0.4 ± 0.2	392	<sup>3</sup> 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 ± 1.8 ± 0.2		<sup>3</sup> 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		<sup>1</sup> GAISER	86 CBAL	$\psi(2S) \rightarrow \gamma X$
3422 ± 10		<sup>2</sup> BARTEL	78B CNTR	$e^+e^- \rightarrow J/\psi 2\gamma$
3416 ± 3 ± 4		<sup>2</sup> TANENBAUM 78	MRK1	$e^+e^-$
3415 ± 9		<sup>2</sup> BIDDICK 77	CNTR	$e^+e^- \rightarrow \gamma X$

<sup>1</sup> Using mass of  $\psi(2S) = 3686.0$  MeV.<sup>2</sup> Mass value shifted by us by amount appropriate for  $\psi(2S)$  mass = 3686 MeV and  $J/\psi(1S)$  mass = 3097 MeV.<sup>3</sup> Using mass of  $\psi(2S) = 3685.96$  MeV. **$\chi_{c0}(1P)$  WIDTH**

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
<b>10.7 ± 0.9 OUR NEW UNCHECKED FIT</b>		[16.2 ± 2.3 MeV OUR 2002 FIT]		
<b>10.6 ± 1.2 OUR NEW AVERAGE</b>		Error includes scale factor of 1.2. [14.9 ± 2.6 MeV OUR 2002 AVERAGE]		
9.8 ± 1.0 ± 0.1	392	BAGNASCO 02	E835	$\bar{p}p \rightarrow \chi_{c0} \rightarrow J/\psi\gamma$
16.6 ± 5.2 ± 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 ( $\Gamma_i/\Gamma$ )	Scale factor/ Confidence level
<b>Hadronic decays</b>		
$\Gamma_1$ $2(\pi^+\pi^-)$	(2.64 ± 0.31) %	
$\Gamma_2$ $\pi^+\pi^- K^+ K^-$	(1.8 ± 0.6) %	S=1.9
$\Gamma_3$ $\rho^0\pi^+\pi^-$	(1.6 ± 0.5) %	
$\Gamma_4$ $3(\pi^+\pi^-)$	(1.24 ± 0.22) %	
$\Gamma_5$ $K^+\overline{K}^*(892)^0\pi^- + \text{c.c.}$	(1.2 ± 0.4) %	
$\Gamma_6$ $K^+K^-$	(5.9 ± 0.9) × 10 <sup>-3</sup>	
$\Gamma_7$ $\pi^+\pi^-$	(5.0 ± 0.7) × 10 <sup>-3</sup>	

$\Gamma_8$	$\pi^0 \pi^0$	$(2.8 \pm 0.7) \times 10^{-3}$	
$\Gamma_9$	$\eta \eta$	$(2.0 \pm 1.0) \times 10^{-3}$	
$\Gamma_{10}$	$K^+ K^- K^+ K^-$	$(2.1 \pm 0.5) \times 10^{-3}$	
$\Gamma_{11}$	$K_S^0 K_S^0$	$(2.0 \pm 0.6) \times 10^{-3}$	
$\Gamma_{12}$	$\pi^+ \pi^- p\bar{p}$	$(1.8 \pm 0.9) \times 10^{-3}$	S=1.6
$\Gamma_{13}$	$\phi \phi$	$(9 \pm 5) \times 10^{-4}$	
$\Gamma_{14}$	$p\bar{p}$	$(2.4 \pm 0.4) \times 10^{-4}$	
$\Gamma_{15}$	$K_S^0 K^+ \pi^- + \text{c.c.}$	$< 7.1 \times 10^{-4}$	CL=90%

**Radiative decays**

$\Gamma_{16}$	$\gamma J/\psi(1S)$	$(1.11 \pm 0.15) \%$
$\Gamma_{17}$	$\gamma\gamma$	$(2.4 \pm 0.5) \times 10^{-4}$

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

$\Gamma(p\bar{p}) \times \Gamma(\gamma J/\psi(1S)) / \Gamma_{\text{total}}$	$\Gamma_{14}\Gamma_{16}/\Gamma$
<i>VALUE (eV)</i>	<i>EVTS DOCUMENT ID TECN COMMENT</i>
<b>28.8 ± 3.3 OUR NEW UNCHECKED FIT</b> [37 ± 10 eV OUR 2002 FIT]	
• • • We do not use the following data for averages, fits, limits, etc. • • •	
26.6 ± 2.6 ± 1.4	392 4,5 BAGNASCO 02 E835 $\bar{p}p \rightarrow \chi_{c0} \rightarrow J/\psi \gamma$
48.7 ± 11.3 ± 2.4	4,5 AMBROGIANI 99B E835 $\bar{p}p \rightarrow \gamma J/\psi$

$\Gamma(\gamma\gamma) \times \Gamma(2(\pi^+ \pi^-)) / \Gamma_{\text{total}}$	$\Gamma_{17}\Gamma_1/\Gamma$
<i>VALUE (eV)</i>	<i>DOCUMENT ID TECN COMMENT</i>
<b>68 ± 14 OUR NEW UNCHECKED FIT</b> [74 ± 14 eV OUR 2002 FIT]	
<b>75 ± 13 ± 8</b> EISENSTEIN 01 CLE2 $e^+ e^- \rightarrow e^+ e^- \chi_{c0}$	

<sup>4</sup> Calculated by us using  $B(J/\psi(1S) \rightarrow e^+ e^-) = 0.0593 \pm 0.0010$ .<sup>5</sup> Values in  $(\Gamma(p\bar{p}) \times \Gamma(\gamma J/\psi(1S)) / \Gamma_{\text{total}})$  and  $(\Gamma(p\bar{p}) \times \Gamma(\gamma J/\psi(1S)) / \Gamma_{\text{total}}^2)$  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 —**

$\Gamma(2(\pi^+ \pi^-)) / \Gamma_{\text{total}}$	$\Gamma_1/\Gamma$
<i>VALUE</i>	<i>DOCUMENT ID</i>
<b>0.0264 ± 0.0031 OUR NEW UNCHECKED FIT</b>	[0.0244 ± 0.0033 OUR 2002 FIT]

$\Gamma(\pi^+ \pi^- K^+ K^-) / \Gamma_{\text{total}}$	$\Gamma_2/\Gamma$
<i>VALUE</i>	<i>DOCUMENT ID TECN COMMENT</i>
<b>0.018 ± 0.006 OUR AVERAGE</b>	Error includes scale factor of 1.9.
0.0147 ± 0.0007 ± 0.0038	<sup>6</sup> BAI 99B BES $\psi(2S) \rightarrow \gamma \chi_{c0}$
0.030 ± 0.007	<sup>7</sup> TANENBAUM 78 MRK1 $\psi(2S) \rightarrow \gamma \chi_{c0}$

$\Gamma(\rho^0 \pi^+ \pi^-)/\Gamma_{\text{total}}$ 

## VALUE

**0.016±0.005** $\Gamma(3(\pi^+ \pi^-))/\Gamma_{\text{total}}$ 

## VALUE

**0.0124±0.0022 OUR AVERAGE**

0.0117±0.0010±0.0023

0.015 ± 0.005

 $\Gamma(K^+ \bar{K}^*(892)^0 \pi^- + \text{c.c.})/\Gamma_{\text{total}}$ 

## VALUE

**0.012±0.004** $\Gamma(K^+ K^-)/\Gamma_{\text{total}}$ VALUE (units  $10^{-3}$ ) EVTS**5.9 ± 0.9 OUR AVERAGE**5.68±0.35±0.85 774±  
38

6 ± 3

9 ± 4

 $\Gamma(\pi^+ \pi^-)/\Gamma_{\text{total}}$ VALUE (units  $10^{-3}$ ) EVTS**5.0 ± 0.7 OUR AVERAGE**4.68±0.26±0.65 720±  
32

7 ± 3

8 ± 3

 $\Gamma(K^+ K^- K^+ K^-)/\Gamma_{\text{total}}$ VALUE (units  $10^{-3}$ )**2.14±0.26±0.40** $\Gamma(K_S^0 K_S^0)/\Gamma_{\text{total}}$ VALUE (units  $10^{-3}$ )**1.96±0.28±0.52** $\Gamma(\pi^+ \pi^- p\bar{p})/\Gamma_{\text{total}}$ VALUE (units  $10^{-3}$ )**1.8 ± 0.9 OUR AVERAGE**

1.57±0.21±0.54

5 ± 2

	DOCUMENT ID	TECN	COMMENT
7	TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$

 $\Gamma_3/\Gamma$ 

	DOCUMENT ID	TECN	COMMENT
6	BAI 99B	BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$
7	TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$

 $\Gamma_4/\Gamma$ 

	DOCUMENT ID	TECN	COMMENT
7	TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$

 $\Gamma_5/\Gamma$ 

	DOCUMENT ID	TECN	COMMENT
6	BAI 98I	BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$
7	BRANDELIK 79B	DASP	$\psi(2S) \rightarrow \gamma \chi_{c0}$
7	TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$

 $\Gamma_6/\Gamma$ 

	DOCUMENT ID	TECN	COMMENT
6	BAI 98I	BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$
7	BRANDELIK 79B	DASP	$\psi(2S) \rightarrow \gamma \chi_{c0}$
7	TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$

 $\Gamma_7/\Gamma$ 

	DOCUMENT ID	TECN	COMMENT
6	BAI 99B	BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$
7	BAI 99B	BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$
7	TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$

 $\Gamma_{10}/\Gamma$ 

	DOCUMENT ID	TECN	COMMENT
6	BAI 99B	BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$

 $\Gamma_{11}/\Gamma$ 

	DOCUMENT ID	TECN	COMMENT
6	BAI 99B	BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$

 $\Gamma_{12}/\Gamma$ 

	DOCUMENT ID	TECN	COMMENT
6	BAI 99B	BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$
7	TANENBAUM 78	MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$

 $\Gamma_{13}/\Gamma$ 

	DOCUMENT ID	TECN	COMMENT
6	BAI 99B	BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$

### $\Gamma(\pi^0\pi^0)/\Gamma_{\text{total}}$

$\Gamma_8/\Gamma$

<u>VALUE</u> (units $10^{-3}$ )	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>2.8 ± 0.7 OUR NEW AVERAGE</b>		$[(3.1 \pm 0.6) \times 10^{-3}$ OUR 1996 AVERAGE]		
<b>2.79±0.32±0.57</b>	96.9 ± 11.1	8 BAI	03C BES	$\psi(2S) \rightarrow \gamma\pi^0\pi^0 \rightarrow 5\gamma$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
3.1 ± 0.4 ± 0.5		6 LEE	85 CBAL	$\psi' \rightarrow \text{photons}$

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

$\Gamma_9/\Gamma$

<u>VALUE</u> (units $10^{-3}$ )	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>2.0 ± 1.0 OUR NEW AVERAGE</b>		$[(2.5 \pm 1.1) \times 10^{-3}$ OUR 1996 AVERAGE]		
<b>2.02±0.84±0.59</b>	12.7 ± 5.3	8 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 ± 0.8 ± 0.8		6 LEE	85 CBAL	$\psi' \rightarrow \text{photons}$

### $\Gamma(\eta\eta)/\Gamma(\pi^0\pi^0)$

$\Gamma_9/\Gamma_8$

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

0.73 ± 0.30 ± 0.25      109.6 ± 12.3      BAI      03C BES       $\psi(2S) \rightarrow 5\gamma$

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

$\Gamma_{15}/\Gamma$

<u>VALUE</u> (units $10^{-3}$ )	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>&lt;0.71</b>	90	6 BAI	99B BES	$\psi(2S) \rightarrow \gamma\chi_{c0}$

### $\Gamma(p\bar{p})/\Gamma_{\text{total}}$

$\Gamma_{14}/\Gamma$

<u>VALUE</u> (units $10^{-4}$ )	<u>DOCUMENT ID</u>
<b>2.4±0.4 OUR NEW UNCHECKED FIT</b>	$[(2.2 \pm 0.5) \times 10^{-4}$ OUR 2002 FIT]

<sup>6</sup> Calculated using  $B(\psi(2S) \rightarrow \gamma\chi_{c0}(1P)) = 0.093 \pm 0.008$ .

<sup>7</sup> Calculated using  $B(\psi(2S) \rightarrow \gamma\chi_{c0}(1P)) = 0.094$ ; the errors do not contain the uncertainty in the  $\psi(2S)$  decay.

<sup>8</sup> Derived using  $B(\psi(1S) \rightarrow \gamma\chi_{c0}) = 0.087 \pm 0.008$  and  $B(\psi(2S) \rightarrow J/\psi\pi^+\pi^-) = 0.305 \pm 0.016$ .

## ———— RADIATIVE DECAYS ————

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

$\Gamma_{16}/\Gamma$

<u>VALUE</u> (units $10^{-4}$ )	<u>DOCUMENT ID</u>
<b>111±15 OUR NEW UNCHECKED FIT</b>	$[(102 \pm 17) \times 10^{-4}$ OUR 2002 FIT]

### $\Gamma(\gamma\gamma)/\Gamma_{\text{total}}$

$\Gamma_{17}/\Gamma$

<u>VALUE</u> (units $10^{-4}$ )	<u>DOCUMENT ID</u>
<b>2.4±0.5 OUR NEW UNCHECKED FIT</b>	$[(1.9 \pm 0.4) \times 10^{-4}$ OUR 2002 FIT]

### $\Gamma(\gamma\gamma)/\Gamma(\gamma J/\psi(1S))$

### $\Gamma_{17}/\Gamma_{16}$

VALUE (units $10^{-2}$ )	DOCUMENT ID	TECN	COMMENT
<b>2.2 ± 0.6 OUR NEW UNCHECKED FIT</b>	$[(1.8 \pm 0.6) \times 10^{-2}$ OUR 2002 FIT]		
<b>1.45 ± 0.74</b>	<sup>9</sup> AMBROGIANI 00B E835	$\bar{p}p \rightarrow \chi_{c2} \rightarrow \gamma\gamma$ , $\gamma J/\psi$	

### $\Gamma(p\bar{p}) \times \Gamma(\gamma J/\psi(1S))/\Gamma_{\text{total}}^2$

### $\Gamma_{14}\Gamma_{16}/\Gamma^2$

VALUE (units $10^{-7}$ )	EVTS	DOCUMENT ID	TECN	COMMENT
<b>27.0 ± 2.1 OUR FIT</b>				
<b>27.5 ± 2.1 OUR AVERAGE</b>				
27.2 ± 1.9 ± 1.3	392	9,10 BAGNASCO 02 E835	$\bar{p}p \rightarrow \chi_{c0} \rightarrow J/\psi\gamma$	
29.3 $^{+5.7}_{-4.7}$ ± 1.5	89	9,10 AMBROGIANI 99B	$\bar{p}p \rightarrow \chi_{c0} \rightarrow J/\psi\gamma$	

<sup>9</sup> Calculated by us using  $B(J/\psi(1S) \rightarrow e^+e^-) = 0.0593 \pm 0.0010$ .

<sup>10</sup> Values in  $(\Gamma(p\bar{p}) \times \Gamma(\gamma J/\psi(1S))/\Gamma_{\text{total}}^2)$  and  $(\Gamma(p\bar{p}) \times \Gamma(\gamma J/\psi(1S))/\Gamma_{\text{total}}^2)$  are not independent. The latter is used in the fit since it is less correlated to the total width.

### $\chi_{c0}(1P)$ 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
<b>6.4 ± 1.2 OUR NEW UNCHECKED FIT</b>	$[(6.4 \pm 1.6) \times 10^{-5}$ OUR 2002 FIT]		
<b>4.6 ± 1.9</b>	<sup>11</sup> 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
<b>0.094 ± 0.014 OUR NEW UNCHECKED FIT</b>	$[(0.089 \pm 0.015) \times 10^{-2}$ OUR 2002 FIT]		
<b>0.073 ± 0.018 OUR AVERAGE</b>			
0.069 ± 0.018	<sup>12</sup> OREGLIA 82 CBAL	$\psi(2S) \rightarrow \gamma\chi_{c0}$	
0.4 ± 0.3	<sup>13</sup> BRANDELIK 79B DASP	$\psi(2S) \rightarrow \gamma\chi_{c0}$	
0.16 ± 0.11	<sup>13</sup> BARTEL 78B CNTR	$\psi(2S) \rightarrow \gamma\chi_{c0}$	
3.3 ± 1.7	<sup>14</sup> 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
<b>2.0 ± 0.5 OUR NEW UNCHECKED FIT</b>	$[(1.6 \pm 0.4) \times 10^{-5}$ OUR 2002 FIT]		
<b>3.7 ± 1.8 ± 1.0</b>	LEE	85 CBAL	$\psi(2S) \rightarrow \gamma\chi_{c0}$

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

VALUE (units $10^{-3}$ )	DOCUMENT ID	TECN	COMMENT
<b>7.0±0.8 OUR NEW UNCHECKED FIT</b>	$[(7.0 \pm 1.0) \times 10^{-3}$ OUR 2002 FIT]		
<b>6.9±2.4 OUR AVERAGE</b>	Error includes scale factor of 3.8.		
$4.4 \pm 0.1 \pm 0.9$	<sup>15</sup> BAI	99B BES	$\psi(2S) \rightarrow \gamma \chi_{c0}$
$9.3 \pm 0.9$	<sup>16</sup> TANENBAUM	78 MRK1	$\psi(2S) \rightarrow \gamma \chi_{c0}$
11	Calculated by us. The value for $B(\chi_{c0} \rightarrow p\bar{p})$ 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].		
12	Recalculated by us using $B(J/\psi(1S) \rightarrow \ell^+ \ell^-) = 0.1181 \pm 0.0020$ .		
13	Recalculated by us using $B(J/\psi(1S) \rightarrow \mu^+ \mu^-) = 0.0588 \pm 0.0010$ .		
14	Assumes isotropic gamma distribution.		
15	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].		
16	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

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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. Acciari <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)