τ – THIS IS PART 4 OF 4

To reduce the size of this section's PostScript file, we have divided it into four PostScript files. We present the following index:

PART 1

PART 2

PART 3

PART 4

VALUE	DOCUMENT ID	TECN	COMMENT
0.81±0.08 OUR FIT			
0.81±0.06±0.06	BORTOLETTO93	CLEO	$E^{ee}_{cm} \approx 10.6$ GeV

$\Gamma(e^-\gamma)/\Gamma_{total}$ — Γ_{100}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<2.7 \times 10^{-6}$	90	EDWARDS	97	CLEO	
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<1.1 \times 10^{-4}$	90	ABREU	95U	DLPH	1990–1993 LEP runs
$<1.2 \times 10^{-4}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
$<2.0 \times 10^{-4}$	90	KEH	88	CBAL	E^{ee}_{cm}= 10 GeV
$<6.4 \times 10^{-4}$	90	HAYES	82	MRK2	E^{ee}_{cm}= 3.8–6.8 GeV

$\Gamma(\mu^-\gamma)/\Gamma_{total}$ — Γ_{101}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$< 3.0 \times 10^{-6}$	90	EDWARDS	97	CLEO	
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$< 6.2 \times 10^{-5}$	90	ABREU	95U	DLPH	1990–1993 LEP runs
$< 0.42 \times 10^{-5}$	90	BEAN	93	CLEO	E^{ee}_{cm}= 10.6 GeV
$< 3.4 \times 10^{-5}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
$<55 \times 10^{-5}$	90	HAYES	82	MRK2	E^{ee}_{cm}= 3.8–6.8 GeV

$\Gamma(e^-\pi^0)/\Gamma_{total}$ — Γ_{102}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$< 14 \times 10^{-5}$	90	KEH	88	CBAL	E^{ee}_{cm}= 10 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$< 17 \times 10^{-5}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
$<210 \times 10^{-5}$	90	HAYES	82	MRK2	E^{ee}_{cm}= 3.8–6.8 GeV

$\Gamma(\mu^-\pi^0)/\Gamma_{total}$ — Γ_{103}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$< 4.4 \times 10^{-5}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<82 \times 10^{-5}$	90	HAYES	82	MRK2	E^{ee}_{cm}= 3.8–6.8 GeV

$\Gamma(e^-K^0)/\Gamma_{total}$ — Γ_{104}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<1.3 \times 10^{-3}$	90	HAYES	82	MRK2	E^{ee}_{cm}= 3.8–6.8 GeV

$\Gamma(\mu^-K^0)/\Gamma_{total}$ — Γ_{105}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<1.0 \times 10^{-3}$	90	HAYES	82	MRK2	E^{ee}_{cm}= 3.8–6.8 GeV

$\Gamma(e^- \eta)/\Gamma_{total}$ — Γ_{106}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$< 6.3 \times 10^{-5}$	90	ALBRECHT	92K	ARG	$E^{ee}_{cm} = 10$ GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<24 \times 10^{-5}$	90	KEH	88	CBAL	$E^{ee}_{cm} = 10$ GeV

$\Gamma(\mu^- \eta)/\Gamma_{total}$ — Γ_{107}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<7.3 \times 10^{-5}$	90	ALBRECHT	92K	ARG	$E^{ee}_{cm} = 10$ GeV

$\Gamma(e^- \rho^0)/\Gamma_{total}$ — Γ_{108}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$< 0.42 \times 10^{-5}$	90	[137] BARTELT	94	CLEO	$E^{ee}_{cm} = 9.4$–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$< 1.9 \times 10^{-5}$	90	ALBRECHT	92K	ARG	$E^{ee}_{cm} = 10$ GeV
$<37 \times 10^{-5}$	90	HAYES	82	MRK2	$E^{ee}_{cm} = 3.8$–6.8 GeV

[137] BARTELT 94 assume phase space decays.

$\Gamma(\mu^- \rho^0)/\Gamma_{total}$ — Γ_{109}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$< 0.57 \times 10^{-5}$	90	[138] BARTELT	94	CLEO	$E^{ee}_{cm} = 9.4$–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$< 2.9 \times 10^{-5}$	90	ALBRECHT	92K	ARG	$E^{ee}_{cm} = 10$ GeV
$<44 \times 10^{-5}$	90	HAYES	82	MRK2	$E^{ee}_{cm} = 3.8$–6.8 GeV

[138] BARTELT 94 assume phase space decays.

$\Gamma(e^- K^*(892)^0)/\Gamma_{total}$ — Γ_{110}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<0.63 \times 10^{-5}$	90	[139] BARTELT	94	CLEO	$E^{ee}_{cm} = 9.4$–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<3.8 \times 10^{-5}$	90	ALBRECHT	92K	ARG	$E^{ee}_{cm} = 10$ GeV

[139] BARTELT 94 assume phase space decays.

$\Gamma(\mu^- K^*(892)^0)/\Gamma_{total}$ — Γ_{111}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<0.94 \times 10^{-5}$	90	[140] BARTELT	94	CLEO	$E^{ee}_{cm} = 9.4$–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<4.5 \times 10^{-5}$	90	ALBRECHT	92K	ARG	$E^{ee}_{cm} = 10$ GeV

[140] BARTELT 94 assume phase space decays.

$\Gamma(\pi^- \gamma)/\Gamma_{total}$ Γ_{112}/Γ

Test of lepton number conservation.

VALUE	CL%	DOCUMENT ID	TECN	COMMENT
$<28 \times 10^{-5}$	90	ALBRECHT 92K	ARG	$E^{ee}_{cm} = 10$ GeV

$\Gamma(\pi^- \pi^0)/\Gamma_{total}$ Γ_{113}/Γ

Test of lepton number conservation.

VALUE	CL%	DOCUMENT ID	TECN	COMMENT
$<37 \times 10^{-5}$	90	ALBRECHT 92K	ARG	$E^{ee}_{cm} = 10$ GeV

$\Gamma(e^- e^+ e^-)/\Gamma_{total}$ Γ_{114}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID	TECN	COMMENT
$< 0.33 \times 10^{-5}$	90	[141] BARTELT 94	CLEO	$E^{ee}_{cm} = 9.4$–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •				
$< 1.3 \times 10^{-5}$	90	ALBRECHT 92K	ARG	$E^{ee}_{cm} = 10$ GeV
$< 2.7 \times 10^{-5}$	90	BOWCOCK 90	CLEO	$E^{ee}_{cm} = 10.4$–10.9
$<40 \times 10^{-5}$	90	HAYES 82	MRK2	$E^{ee}_{cm} = 3.8$–6.8 GeV

[141] BARTELT 94 assume phase space decays.

$\Gamma(e^- \mu^+ \mu^-)/\Gamma_{total}$ Γ_{115}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID	TECN	COMMENT
$< 0.36 \times 10^{-5}$	90	[142] BARTELT 94	CLEO	$E^{ee}_{cm} = 9.4$–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •				
$< 1.9 \times 10^{-5}$	90	ALBRECHT 92K	ARG	$E^{ee}_{cm} = 10$ GeV
$< 2.7 \times 10^{-5}$	90	BOWCOCK 90	CLEO	$E^{ee}_{cm} = 10.4$–10.9
$<33 \times 10^{-5}$	90	HAYES 82	MRK2	$E^{ee}_{cm} = 3.8$–6.8 GeV

[142] BARTELT 94 assume phase space decays.

$\Gamma(e^+ \mu^- \mu^-)/\Gamma_{total}$ Γ_{116}/Γ

Test of lepton number conservation.

VALUE	CL%	DOCUMENT ID	TECN	COMMENT
$<0.35 \times 10^{-5}$	90	[143] BARTELT 94	CLEO	$E^{ee}_{cm} = 9.4$–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •				
$<1.8 \times 10^{-5}$	90	ALBRECHT 92K	ARG	$E^{ee}_{cm} = 10$ GeV
$<1.6 \times 10^{-5}$	90	BOWCOCK 90	CLEO	$E^{ee}_{cm} = 10.4$–10.9

[143] BARTELT 94 assume phase space decays.

$\Gamma(\mu^- e^+ e^-)/\Gamma_{total}$ Γ_{117}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID	TECN	COMMENT
$< 0.34 \times 10^{-5}$	90	[144] BARTELT 94	CLEO	$E^{ee}_{cm} = 9.4$–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •				
$< 1.4 \times 10^{-5}$	90	ALBRECHT 92K	ARG	$E^{ee}_{cm} = 10$ GeV
$< 2.7 \times 10^{-5}$	90	BOWCOCK 90	CLEO	$E^{ee}_{cm} = 10.4$–10.9
$<44 \times 10^{-5}$	90	HAYES 82	MRK2	$E^{ee}_{cm} = 3.8$–6.8 GeV

[144] BARTELT 94 assume phase space decays.

$\Gamma(\mu^+ e^- e^-)/\Gamma_{total}$ — Γ_{118}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.34 × 10^{-5}	90	[145] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<1.4 × 10^{-5}	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
<1.6 × 10^{-5}	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9

[145] BARTELT 94 assume phase space decays.

$\Gamma(\mu^- \mu^+ \mu^-)/\Gamma_{total}$ — Γ_{119}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
< 0.43 × 10^{-5}	90	[146] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
< 1.9 × 10^{-5}	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
< 1.7 × 10^{-5}	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9
<49 × 10^{-5}	90	HAYES	82	MRK2	E^{ee}_{cm}= 3.8–6.8 GeV

[146] BARTELT 94 assume phase space decays.

$\Gamma(e^- \pi^+ \pi^-)/\Gamma_{total}$ — Γ_{120}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.44 × 10^{-5}	90	[147] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<2.7 × 10^{-5}	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
<6.0 × 10^{-5}	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9

[147] BARTELT 94 assume phase space decays.

$\Gamma(e^+ \pi^- \pi^-)/\Gamma_{total}$ — Γ_{121}/Γ

Test of lepton number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.44 × 10^{-5}	90	[148] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<1.8 × 10^{-5}	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
<1.7 × 10^{-5}	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9

[148] BARTELT 94 assume phase space decays.

$\Gamma(\mu^- \pi^+ \pi^-)/\Gamma_{total}$ — Γ_{122}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.74 × 10^{-5}	90	[149] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<3.6 × 10^{-5}	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
<3.9 × 10^{-5}	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9

[149] BARTELT 94 assume phase space decays.

$\Gamma(\mu^+\pi^-\pi^-)/\Gamma_{total}$ — Γ_{123}/Γ

Test of lepton number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.69 × 10⁻⁵	90	[150] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<6.3 \times 10^{-5}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
$<3.9 \times 10^{-5}$	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9

[150] BARTELT 94 assume phase space decays.

$\Gamma(e^-\pi^+K^-)/\Gamma_{total}$ — Γ_{124}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<0.77 \times 10^{-5}$	90	[151] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<2.9 \times 10^{-5}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
$<5.8 \times 10^{-5}$	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9

[151] BARTELT 94 assume phase space decays.

$\Gamma(e^-\pi^-K^+)/\Gamma_{total}$ — Γ_{125}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<0.46 \times 10^{-5}$	90	[152] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<5.8 \times 10^{-5}$	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9

[152] BARTELT 94 assume phase space decays.

$\Gamma(e^+\pi^-K^-)/\Gamma_{total}$ — Γ_{126}/Γ

Test of lepton number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<0.45 \times 10^{-5}$	90	[153] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<2.0 \times 10^{-5}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
$<4.9 \times 10^{-5}$	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9

[153] BARTELT 94 assume phase space decays.

$\Gamma(\mu^-\pi^+K^-)/\Gamma_{total}$ — Γ_{127}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$< 0.87 \times 10^{-5}$	90	[154] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<11 \times 10^{-5}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
$< 7.7 \times 10^{-5}$	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9

[154] BARTELT 94 assume phase space decays.

$\Gamma(\mu^- \pi^- K^+)/\Gamma_{total}$ — Γ_{128}/Γ

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<1.5 \times 10^{-5}$	90	[155] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<7.7 \times 10^{-5}$	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9

[155] BARTELT 94 assume phase space decays.

$\Gamma(\mu^+ \pi^- K^-)/\Gamma_{total}$ — Γ_{129}/Γ

Test of lepton number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<2.0 \times 10^{-5}$	90	[156] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$<5.8 \times 10^{-5}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV
$<4.0 \times 10^{-5}$	90	BOWCOCK	90	CLEO	E^{ee}_{cm}= 10.4–10.9

[156] BARTELT 94 assume phase space decays.

$\Gamma(\overline{p}\gamma)/\Gamma_{total}$ — Γ_{130}/Γ

Test of lepton number and baryon number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<29 \times 10^{-5}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV

$\Gamma(\overline{p}\pi^0)/\Gamma_{total}$ — Γ_{131}/Γ

Test of lepton number and baryon number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<66 \times 10^{-5}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV

$\Gamma(\overline{p}\eta)/\Gamma_{total}$ — Γ_{132}/Γ

Test of lepton number and baryon number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<130 \times 10^{-5}$	90	ALBRECHT	92K	ARG	E^{ee}_{cm}= 10 GeV

$\Gamma(e^- \overline{K}^*(892)^0)/\Gamma_{total}$ — Γ_{133}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<1.1 \times 10^{-5}$	90	[157] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV

[157] BARTELT 94 assume phase space decays.

$\Gamma(\mu^- \overline{K}^*(892)^0)/\Gamma_{total}$ — Γ_{134}/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
$<0.87 \times 10^{-5}$	90	[158] BARTELT	94	CLEO	E^{ee}_{cm}= 9.4–10.6 GeV

[158] BARTELT 94 assume phase space decays.

$\Gamma(e^- \text{ light boson})/\Gamma(e^- \overline{\nu}_e \nu_\tau)$ — Γ_{135}/Γ_5

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.015	95	[159] ALBRECHT	95G	ARG	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<0.018	95	[160] ALBRECHT	90E	ARG	E^{ee}_{cm}= 9.4–10.6 GeV
<0.040	95	[161] BALTRUSAIT...85		MRK3	E^{ee}_{cm}= 3.77 GeV

[159] ALBRECHT 95G limit holds for bosons with mass < 0.4 GeV. The limit rises to 0.036 for a mass of 1.0 GeV, then falls to 0.006 at the upper mass limit of 1.6 GeV.
[160] ALBRECHT 90E limit applies for spinless boson with mass < 100 MeV, and rises to 0.050 for mass = 500 MeV.
[161] BALTRUSAITIS 85 limit applies for spinless boson with mass < 100 MeV.

$\Gamma(\mu^- \text{ light boson})/\Gamma(e^- \overline{\nu}_e \nu_\tau)$ — Γ_{136}/Γ_5

Test of lepton family number conservation.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.026	95	[162] ALBRECHT	95G	ARG	E^{ee}_{cm}= 9.4–10.6 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<0.033	95	[163] ALBRECHT	90E	ARG	E^{ee}_{cm}= 9.4–10.6 GeV
<0.125	95	[164] BALTRUSAIT...85		MRK3	E^{ee}_{cm}= 3.77 GeV

[162] ALBRECHT 95G limit holds for bosons with mass < 1.3 GeV. The limit rises to 0.034 for a mass of 1.4 GeV, then falls to 0.003 at the upper mass limit of 1.6 GeV.
[163] ALBRECHT 90E limit applies for spinless boson with mass < 100 MeV, and rises to 0.071 for mass = 500 MeV.
[164] BALTRUSAITIS 85 limit applies for spinless boson with mass < 100 MeV.

τ-DECAY PARAMETERS

A REVIEW GOES HERE – Check our WWW List of Reviews

$\rho^\tau(e \text{ or } \mu)$ PARAMETER

$(V-A)$ theory predicts $\rho = 0.75$.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.754±0.024 OUR AVERAGE					
0.794±0.039±0.031	18k	ACCIARRI	96H	L3	1991–1993 LEP runs
0.738±0.038		[165] ALBRECHT	95C	ARG	E^{ee}_{cm}= 9.5–10.6 GeV
0.751±0.039±0.022		BUSKULIC	95D	ALEP	1990–1992 LEP runs
0.79 ±0.10 ±0.10	3732	FORD	87B	MAC	E^{ee}_{cm}= 29 GeV
0.71 ±0.09 ±0.03	1426	BEHRENDS	85	CLEO	e^+e^- near $\Upsilon(4S)$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
0.732±0.034±0.020	8.2k	[166] ALBRECHT	95	ARG	E^{ee}_{cm}= 9.5–10.6 GeV
0.742±0.035±0.020	8000	ALBRECHT	90E	ARG	E^{ee}_{cm}= 9.4–10.6 GeV

[165] Combined fit to ARGUS tau decay parameter measurements in ALBRECHT 95C, ALBRECHT 93G, and ALBRECHT 94E.
[166] Value is from a simultaneous fit for the ρ^τ and η^τ decay parameters to the lepton energy spectrum. Not independent of ALBRECHT 90E $\rho^\tau(e \text{ or } \mu)$ value which assumes η^τ=0. Result is strongly correlated with ALBRECHT 95C.

$\rho^\tau(e)$ PARAMETER

$(V-A)$ theory predicts $\rho = 0.75$.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.736±0.028 OUR AVERAGE					
0.735±0.036±0.020	4.7k	[167] ALBRECHT	95	ARG	E^{ee}_{cm}= 9.5–10.6 GeV
0.793±0.050±0.025		BUSKULIC	95D	ALEP	1990–1992 LEP runs
0.79 ±0.08 ±0.06	3230	[168] ALBRECHT	93G	ARG	E^{ee}_{cm}= 9.4–10.6 GeV
0.64 ±0.06 ±0.07	2753	JANSSEN	89	CBAL	E^{ee}_{cm}= 9.4–10.6 GeV
0.62 ±0.17 ±0.14	1823	FORD	87B	MAC	E^{ee}_{cm}= 29 GeV
0.60 ±0.13	699	BEHRENDS	85	CLEO	$e^+ e^-$ near $\Upsilon(4S)$
0.72 ±0.10 ±0.11	594	BACINO	79B	DLCO	E^{ee}_{cm}= 3.5–7.4 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
0.747±0.045±0.028	5106	ALBRECHT	90E	ARG	Repl. by ALBRECHT 95

[167] ALBRECHT 95 use tau pair events of the type $\tau^- \tau^+ \rightarrow (\ell^- \overline{\nu}_\ell \nu_\tau)(h^+ h^- h^+ (\pi^0) \overline{\nu}_\tau)$ and their charged conjugates.

[168] ALBRECHT 93G use tau pair events of the type $\tau^- \tau^+ \rightarrow (\mu^- \overline{\nu}_\mu \nu_\tau)(e^+ \nu_e \overline{\nu}_\tau)$ and their charged conjugates.

$\rho^\tau(\mu)$ PARAMETER

$(V-A)$ theory predicts $\rho = 0.75$.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.74 ±0.04 OUR AVERAGE					
0.693±0.057±0.028		BUSKULIC	95D	ALEP	1990–1992 LEP runs
0.76 ±0.07 ±0.08	3230	ALBRECHT	93G	ARG	E^{ee}_{cm}= 9.4–10.6 GeV
0.734±0.055±0.027	3041	ALBRECHT	90E	ARG	E^{ee}_{cm}= 9.4–10.6 GeV
0.89 ±0.14 ±0.08	1909	FORD	87B	MAC	E^{ee}_{cm}= 29 GeV
0.81 ±0.13	727	BEHRENDS	85	CLEO	$e^+ e^-$ near $\Upsilon(4S)$

ξ^τ(e or μ) PARAMETER

$(V-A)$ theory predicts $\xi = 1$.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
1.01±0.10 OUR AVERAGE					
0.94±0.21±0.07	18k	ACCIARRI	96H	L3	1991–1993 LEP runs
0.97±0.14		[169] ALBRECHT	95C	ARG	E^{ee}_{cm}= 9.5–10.6 GeV
1.18±0.15±0.16		BUSKULIC	95D	ALEP	1990–1992 LEP runs
• • • We do not use the following data for averages, fits, limits, etc. • • •					
0.90±0.15±0.10	3230	[170] ALBRECHT	93G	ARG	E^{ee}_{cm}= 9.4–10.6 GeV

[169] Combined fit to ARGUS tau decay parameter measurements in ALBRECHT 95C, ALBRECHT 93G, and ALBRECHT 94E. ALBRECHT 95C uses events of the type $\tau^- \tau^+ \rightarrow (\ell^- \overline{\nu}_\ell \nu_\tau)(h^+ h^- h^+ \overline{\nu}_\tau)$ and their charged conjugates.

[170] ALBRECHT 93G measurement determines $|\xi^\tau|$ for the case $\xi^\tau(e) = \xi^\tau(\mu)$, but the authors point out that other LEP experiments determine the sign to be positive.

$\xi^\tau(e)$ PARAMETER

$(V-A)$ theory predicts $\xi = 1$.

VALUE	DOCUMENT ID		TECN	COMMENT
1.03±0.23±0.09	BUSKULIC	95D	ALEP	1990–1992 LEP runs

$\xi^\tau(\mu)$ PARAMETER

$(V-A)$ theory predicts $\xi = 1$.

VALUE	DOCUMENT ID		TECN	COMMENT
1.23±0.22±0.10	BUSKULIC	95D	ALEP	1990–1992 LEP runs

$\eta^\tau(e \text{ or } \mu)$ PARAMETER

$(V-A)$ theory predicts $\eta = 0$.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.07±0.12 OUR AVERAGE					
0.25±0.17±0.11	18k	ACCIARRI	96H	L3	1991–1993 LEP runs
0.03±0.18±0.12	8.2k	ALBRECHT	95	ARG	E^{ee}_{cm}= 9.5–10.6 GeV
−0.04±0.15±0.11		BUSKULIC	95D	ALEP	1990–1992 LEP runs

$\eta^\tau(\mu)$ PARAMETER

$(V-A)$ theory predicts $\eta = 0$.

VALUE	DOCUMENT ID		TECN	COMMENT
−0.24±0.23±0.18	BUSKULIC	95D	ALEP	1990–1992 LEP runs

$(\delta\xi)^\tau(e \text{ or } \mu)$ PARAMETER

$(V-A)$ theory predicts $(\delta\xi) = 0.75$.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.77±0.08 OUR AVERAGE					
0.81±0.14±0.06	18k	ACCIARRI	96H	L3	1991–1993 LEP runs
0.65±0.12		[171] ALBRECHT	95C	ARG	E^{ee}_{cm}= 9.5–10.6 GeV
0.88±0.11±0.07		BUSKULIC	95D	ALEP	1990–1992 LEP runs

[171] Combined fit to ARGUS tau decay parameter measurements in ALBRECHT 95C, ALBRECHT 93G, and ALBRECHT 94E. ALBRECHT 95C uses events of the type $\tau^-\tau^+ \rightarrow (\ell^-\overline{\nu}_\ell\nu_\tau)(h^+h^-h^+\overline{\nu}_\tau)$ and their charged conjugates.

$(\delta\xi)^\tau(e)$ PARAMETER

$(V-A)$ theory predicts $(\delta\xi) = 0.75$.

VALUE	DOCUMENT ID		TECN	COMMENT
1.11±0.17±0.07	BUSKULIC	95D	ALEP	1990–1992 LEP runs

$(\delta\xi)^\tau(\mu)$ PARAMETER

$(V-A)$ theory predicts $(\delta\xi) = 0.75$.

VALUE	DOCUMENT ID		TECN	COMMENT
0.71±0.14±0.06	BUSKULIC	95D	ALEP	1990–1992 LEP runs

$\xi^\tau(\pi)$ PARAMETER

$(V-A)$ theory predicts $\xi^\tau(\pi) = 1$.

VALUE	DOCUMENT ID		TECN	COMMENT
0.987±0.057±0.027	BUSKULIC	95D	ALEP	1990–1992 LEP runs
• • • We do not use the following data for averages, fits, limits, etc. • • •				
0.95 ±0.11 ±0.05	[172] BUSKULIC	94D	ALEP	1990+1991 LEP run

[172] Superseded by BUSKULIC 95D.

$\xi^\tau(\rho)$ PARAMETER

$(V-A)$ theory predicts $\xi^\tau(\rho) = 1$.

VALUE	DOCUMENT ID		TECN	COMMENT
1.045±0.058±0.032	BUSKULIC	95D	ALEP	1990–1992 LEP runs
• • • We do not use the following data for averages, fits, limits, etc. • • •				
1.03 ±0.11 ±0.05	[173] BUSKULIC	94D	ALEP	1990+1991 LEP run

[173] Superseded by BUSKULIC 95D.

$\xi^\tau(a_1)$ PARAMETER

$(V-A)$ theory predicts $\xi^\tau(a_1) = 1$.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
1.01 ±0.04 OUR AVERAGE					
$1.08\ ^{+0.46}_{-0.41}\ ^{+0.14}_{-0.25}$	2.6k	[174] AKERS	95P	OPAL	1992 + 1993 runs
1.017±0.039		ALBRECHT	95C	ARG	E^{ee}_{cm}= 9.5–10.6 GeV
0.937±0.116±0.064		BUSKULIC	95D	ALEP	1990–1992 LEP runs
• • • We do not use the following data for averages, fits, limits, etc. • • •					
1.022±0.028±0.030	1.7k	[175] ALBRECHT	94E	ARG	E^{ee}_{cm}= 9.4–10.6 GeV
$1.25\ \pm0.23\ ^{+0.15}_{-0.08}$	7.5k	ALBRECHT	93C	ARG	E^{ee}_{cm}= 9.4–10.6 GeV

[174] AKERS 95P obtain this result with a model independent fit to the hadronic structure functions. Fitting with the model of Kuhn and Santamaria (ZPHY **C48**, 445 (1990)) gives $0.87 \pm 0.27^{+0.05}_{-0.06}$, and with the model of of Isgur *et al.* (PR **D39**,1357 (1989)) they obtain $1.10 \pm 0.31^{+0.13}_{-0.14}$.

[175] ALBRECHT 94E measure the square of this quantity and use the sign determined by ALBRECHT 90I to obtain the quoted result. Replaced by ALBRECHT 95C.

ξ^τ(all hadronic modes) PARAMETER

$(V-A)$ theory predicts $\xi^\tau = 1$.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
1.003±0.024 OUR AVERAGE					
0.970±0.053±0.011	14k	[176] ACCIARRI	96H	L3	1991–1993 LEP runs
$1.08\ ^{+0.46}_{-0.41}\ ^{+0.14}_{-0.25}$	2.6k	[177] AKERS	95P	OPAL	1992 + 1993 runs
1.017±0.039		[178] ALBRECHT	95C	ARG	E^{ee}_{cm}= 9.5–10.6 GeV
1.006±0.032±0.019		[179] BUSKULIC	95D	ALEP	1990–1992 LEP runs
• • • We do not use the following data for averages, fits, limits, etc. • • •					
1.022±0.028±0.030	1.7k	[180] ALBRECHT	94E	ARG	E^{ee}_{cm}= 9.4–10.6 GeV
0.99 ±0.07 ±0.04		[181] BUSKULIC	94D	ALEP	1990+1991 LEP run
$1.25\ \pm0.23\ ^{+0.15}_{-0.08}$	7.5k	[182] ALBRECHT	93C	ARG	E^{ee}_{cm}= 9.4–10.6 GeV

[176] ACCIARRI 96H use $\tau \rightarrow \pi\nu_\tau$, $\tau \rightarrow K\nu_\tau$, and $\tau \rightarrow \rho\nu_\tau$ decays.

[177] AKERS 95P use $\tau \rightarrow a_1\nu_\tau$ decays.

[178] Combined fit to ARGUS tau decay parameter measurements in ALBRECHT 95C, ALBRECHT 93G, and ALBRECHT 94E.

[179] BUSKULIC 95D use $\tau \rightarrow \pi\nu_\tau$, $\tau \rightarrow \rho\nu_\tau$, and $\tau \rightarrow a_1\nu_\tau$ decays.

[180] ALBRECHT 94E measure the square of this quantity and use the sign determined by ALBRECHT 90I to obtain the quoted result. Uses $\tau \rightarrow a_1\nu_\tau$ decays. Replaced by ALBRECHT 95C.

[181] BUSKULIC 94D use $\tau \rightarrow \pi\nu_\tau$ and $\tau \rightarrow \rho\nu_\tau$ decays. Superseded by BUSKULIC 95D.

[182] Uses $\tau \rightarrow a_1\nu_\tau$ decays. Replaced by ALBRECHT 95C.

τ REFERENCES

AVERY	97	PR D55 R1119	+Prescott, Yang, Yelton+	(CLEO Collab.)
EDWARDS	97	PR D55 R3919	+Bellerive, Janicek, MacFarlane+	(CLEO Collab.)
ABREU	96B	PL B365 448	+Adam, Adye, Agasi+	(DELPHI Collab.)
ACCIARRI	96H	PL B377 313	+Adam, Adriani, Aguilar-Benitez+	(L3 Collab.)
ACCIARRI	96K	PL B389 187	+Adriani, Aguilar-Benitez, Ahlen+	(L3 Collab.)
ALAM	96	PRL 76 2637	+Kim, Ling, Mahmood, O'Neill+	(CLEO Collab.)
ALBRECHT	96E	PRPL 276 223	+Andam, Binder, Bockmann+	(ARGUS Collab.)
ALEXANDER	96D	PL B369 163	+Allison, Altekamp, Ametewee+	(OPAL Collab.)
ALEXANDER	96E	PL B374 341	+Allison, Altekamp, Ametewee+	(OPAL Collab.)
ALEXANDER	96S	PL B388 437	+Allison, Altekamp, Ametewee+	(OPAL Collab.)
BAI	96	PR D53 20	+Bardon, Becker-Szendy, Blum+	(BES Collab.)
BALEST	96	PL B388 402	+Behrens, Cho, Daoudi, Ford+	(CLEO Collab.)
BARTELT	96	PRL 76 4119	+Csorna, Jain, Marka+	(CLEO Collab.)
BUSKULIC	96	ZPHY C70 579	+Casper, De Bonis, Decamp+	(ALEPH Collab.)
BUSKULIC	96B	ZPHY C70 549	+Casper, De Bonis, Decamp+	(ALEPH Collab.)
BUSKULIC	96C	ZPHY C70 561	+Casper, De Bonis, Decamp+	(ALEPH Collab.)
COAN	96	PR D53 6037	+Dominick, Fadeyev, Korolkov+	(CLEO Collab.)
ABE	95Y	PR D52 4828	+Abt, Ahn, Akagi, Allen+	(SLD Collab.)
ABREU	95T	PL B357 715	+Adam, Adye, Agasi, Ajinenko+	(DELPHI Collab.)
ABREU	95U	PL B359 411	+Adam, Adye, Agasi, Ajinenko+	(DELPHI Collab.)
ACCIARRI	95	PL B345 93	+Adam, Adriani, Aguilar-Benitez+	(L3 Collab.)
ACCIARRI	95F	PL B352 487	+Adam, Adriani, Aguilar-Benitez+	(L3 Collab.)
AKERS	95F	ZPHY C66 31	+Alexander, Allison, Ametewee+	(OPAL Collab.)
AKERS	95I	ZPHY C66 543	+Alexander, Allison, Ametewee+	(OPAL Collab.)
AKERS	95P	ZPHY C67 45	+Alexander, Allison, Ametewee+	(OPAL Collab.)
AKERS	95Y	ZPHY C68 555	+Alexander, Allison, Altekamp+	(OPAL Collab.)
ALBRECHT	95	PL B341 441	+Hamacher, Hofmann, Kirchhoff+	(ARGUS Collab.)
ALBRECHT	95C	PL B349 576	+Hamacher, Hofmann, Kirchoff+	(ARGUS Collab.)
ALBRECHT	95G	ZPHY C68 25	+Hamacher, Hofmann, Kirchhoff+	(ARGUS Collab.)
ALBRECHT	95H	ZPHY C68 215	+Hamacher, Hofmann, Kirchhoff+	(ARGUS Collab.)
BALEST	95C	PRL 75 3809	+Cho, Ford, Lohner+	(CLEO Collab.)
BUSKULIC	95C	PL B346 371	+Casper, De Bonis, Decamp+	(ALEPH Collab.)
BUSKULIC	95D	PL B346 379	+Casper, De Bonis, Decamp+	(ALEPH Collab.)
Also	95P	PL B363 265 erratum		
ABREU	94K	PL B334 435	+Adam, Adye, Agasi+	(DELPHI Collab.)
AKERS	94E	PL B328 207	+Alexander, Allison, Anderson+	(OPAL Collab.)
AKERS	94G	PL B339 278	+Alexander, Allison, Anderson+	(OPAL Collab.)
ALBRECHT	94E	PL B337 383	+Hamacher, Hofmann+	(ARGUS Collab.)
ARTUSO	94	PRL 72 3762	+Goldberg, He, Horwitz+	(CLEO Collab.)
BARTELT	94	PRL 73 1890	+Csorna, Egyed, Jain+	(CLEO Collab.)
BATTLE	94	PRL 73 1079	+Ernst, Kwon, Roberts+	(CLEO Collab.)
BAUER	94	PR D50 R13	+Belcinski, Berg, Bingham+	(TPC/2gamma Collab.)
BUSKULIC	94D	PL B321 168	+De Bonis, Decamp, Ghez+	(ALEPH Collab.)
BUSKULIC	94E	PL B332 209	+Casper, De Bonis, Decamp+	(ALEPH Collab.)
BUSKULIC	94F	PL B332 219	+Casper, De Bonis, Decamp+	(ALEPH Collab.)
GIBAUT	94B	PRL 73 934	+Kinoshita, Barish, Chadha+	(CLEO Collab.)
ADRIANI	93M	PRPL 236 1	+Aguilar-Benitez, Ahlen, Alcaraz, Aloisio+	(L3 Collab.)
ALBRECHT	93C	ZPHY C58 61	+Ehrlichmann, Hamacher+	(ARGUS Collab.)
ALBRECHT	93G	PL B316 608	+Ehrlichmann, Hamacher+	(ARGUS Collab.)
BALEST	93	PR D47 R3671	+Daoudi, Ford, Johnson+	(CLEO Collab.)
BEAN	93	PRL 70 138	+Gronberg, Kutschke+	(CLEO Collab.)
BORTOLETTO	93	PRL 71 1791	+Brown, Fast, McIlwain+	(CLEO Collab.)
ESCRIBANO	93	PL B301 419	+Masso	(BARC)
PROCARIO	93	PRL 70 1207	+Yang, Balest, Cho+	(CLEO Collab.)
ABREU	92N	ZPHY C55 555	+Adam, Adye, Agasi+	(DELPHI Collab.)
ACTON	92F	PL B281 405	+Alexander, Allison, Allport+	(OPAL Collab.)
ACTON	92H	PL B288 373	+Allison, Allport+	(OPAL Collab.)
AKERIB	92	PRL 69 3610	+Barish, Chadha, Cowen+	(CLEO Collab.)
Also	93B	PRL 71 3395 (erratum)	Akerib, Barish, Chadha, Cowen+	(CLEO Collab.)
ALBRECHT	92D	ZPHY C53 367	+Ehrlichmann, Hamacher+	(ARGUS Collab.)
ALBRECHT	92K	ZPHY C55 179	+Ehrlichmann, Hamacher, Krueger+	(ARGUS Collab.)
ALBRECHT	92M	PL B292 221	+Ehrlichmann, Hamacher, Hofmann+	(ARGUS Collab.)
ALBRECHT	92Q	ZPHY C56 339	+Ehrlichmann, Hamacher+	(ARGUS Collab.)
AMMAR	92	PR D45 3976	+Baringer, Coppage, Davis+	(CLEO Collab.)
ARTUSO	92	PRL 69 3278	+Goldberg, Horwitz, Kennett+	(CLEO Collab.)
BAI	92	PRL 69 3021	+Bardon, Becker-Szendy, Burnett+	(BES Collab.)
BATTLE	92	PL B291 488	+Ernst, Kroha, Roberts+	(CLEO Collab.)
BUSKULIC	92J	PL B297 459	+Decamp, Goy, Lees+	(ALEPH Collab.)
DECAMP	92C	ZPHY C54 211	+Deschizeaux, Goy, Lees+	(ALEPH Collab.)

ADEVA	91F	PL B265 451	+Adriani, Aguilar-Benitez, Akbari+	(L3 Collab.)
ALBRECHT	91D	PL B260 259	+Ehrlichmann, Hamacher, Krueger+	(ARGUS Collab.)
ALEXANDER	91D	PL B266 201	+Allison, Allport, Anderson+	(OPAL Collab.)
ANTREASYAN	91	PL B259 216	+Bartels, Besset, Bieler+	(Crystal Ball Collab.)
GRIFOLS	91	PL B255 611	+Mendez	(BARC)
SAMUEL	91B	PRL 67 668	+Li, Mendel	(OKSU, WONT)
Also Erratum.	92B	PRL 69 995	Samuel, Li, Mendel	(OKSU, WONT)
ABACHI	90	PR D41 1414	+Derrick, Kooijman, Musgrave+	(HRS Collab.)
ALBRECHT	90E	PL B246 278	+Ehrlichmann, Harder, Krueger+	(ARGUS Collab.)
ALBRECHT	90I	PL B250 164	+Ehrlichmann, Harder, Krueger+	(ARGUS Collab.)
BEHREND	90	ZPHY C46 537	+Criegee, Field, Franke+	(CELLO Collab.)
BOWCOCK	90	PR D41 805	+Kinoshita, Pipkin, Procario+	(CLEO Collab.)
DELAGUILA	90	PL B252 116	+Sher	(BARC, WILL)
GOLDBERG	90	PL B251 223	+Haupt, Horwitz, Jain+	(CLEO Collab.)
WU	90	PR D41 2339	+Hayes, Perl, Barklow+	(Mark II Collab.)
ABACHI	89B	PR D40 902	+Derrick, Kooijman, Musgrave+	(HRS Collab.)
BEHREND	89B	PL B222 163	+Criegee, Dainton, Field, Franke+	(CELLO Collab.)
JANSSEN	89	PL B228 273	+Antreasyan, Bartels, Besset+	(Crystal Ball Collab.)
KLEINWORT	89	ZPHY C42 7	+Allison, Ambrus, Barlow+	(JADE Collab.)
ADEVA	88	PR D38 2665	+Anderhub, Ansari, Becker+	(Mark-J Collab.)
ALBRECHT	88B	PL B202 149	+Binder, Boeckmann+	(ARGUS Collab.)
ALBRECHT	88L	ZPHY C41 1	+Boeckmann, Glaeser, Harder+	(ARGUS Collab.)
ALBRECHT	88M	ZPHY C41 405	+Boeckmann, Glaeser, Harder+	(ARGUS Collab.)
AMIDEI	88	PR D37 1750	+Trilling, Abrams, Baden+	(Mark II Collab.)
BEHREND	88	PL B200 226	+Criegee, Dainton, Field+	(CELLO Collab.)
BRAUNSCH...	88C	ZPHY C39 331	Braunschweig, Kirschfink, Martyn+	(TASSO Collab.)
KEH	88	PL B212 123	+Antreasyan, Bartels, Besset+	(Crystal Ball Collab.)
TSCHIRHART	88	PL B205 407	+Abachi, Akerlof, Baringer+	(HRS Collab.)
ABACHI	87B	PL B197 291	+Baringer, Bylsma, De Bonte+	(HRS Collab.)
ABACHI	87C	PRL 59 2519	+Akerlof, Baringer, Blockus+	(HRS Collab.)
ADLER	87B	PRL 59 1527	+Becker, Blaylock, Bolton+	(Mark III Collab.)
AIHARA	87B	PR D35 1553	+Alston-Garnjost, Avery+	(TPC Collab.)
AIHARA	87C	PRL 59 751	+Alston-Garnjost, Avery+	(TPC Collab.)
ALBRECHT	87L	PL B185 223	+Binder, Boeckmann, Glaser+	(ARGUS Collab.)
ALBRECHT	87P	PL B199 580	+Andam, Binder, Boeckmann+	(ARGUS Collab.)
BAND	87	PL B198 297	+Camporesi, Chadwick, Delfino+	(MAC Collab.)
BAND	87B	PRL 59 415	+Bosman, Camporesi, Chadwick+	(MAC Collab.)
BARINGER	87	PRL 59 1993	+McIlwain, Miller, Shibata+	(CLEO Collab.)
BEBEK	87C	PR D36 690	+Berkelman, Blucher, Cassel+	(CLEO Collab.)
BURCHAT	87	PR D35 27	+Feldman, Barklow, Boyarski+	(Mark II Collab.)
BYLSMA	87	PR D35 2269	+Abachi, Baringer, DeBonte+	(HRS Collab.)
COFFMAN	87	PR D36 2185	+Dubois, Eigen, Hauser+	(Mark III Collab.)
DERRICK	87	PL B189 260	+Kooijman, Loos, Musgrave+	(HRS Collab.)
FORD	87	PR D35 408	+Qi, Read, Smith+	(MAC Collab.)
FORD	87B	PR D36 1971	+Qi, Read, Smith+	(MAC Collab.)
GAN	87	PRL 59 411	+Abrams, Amidei, Baden+	(Mark II Collab.)
GAN	87B	PL B197 561	+Abrams, Amidei, Baden+	(Mark II Collab.)
AIHARA	86E	PRL 57 1836	+Alston-Garnjost, Avery+	(TPC Collab.)
BARTEL	86D	PL B182 216	+Becker, Felst, Haidt, Knies+	(JADE Collab.)
PDG	86	PL 170B	Aguilar-Benitez, Porter+	(CERN, CIT+)
RUCKSTUHL	86	PRL 56 2132	+Stroynowski, Atwood, Barish+	(DELCO Collab.)
SCHMIDKE	86	PRL 57 527	+Abrams, Matteuzzi, Amidei+	(Mark II Collab.)
YELTON	86	PRL 56 812	+Dorfan, Abrams, Amidei+	(Mark II Collab.)
ALTHOFF	85	ZPHY C26 521	+Braunschweig, Kirschfink+	(TASSO Collab.)
ASH	85B	PRL 55 2118	+Band, Blume, Camporesi+	(MAC Collab.)
BALTRUSAIT...	85	PRL 55 1842	Baltrusaitis, Becker, Blaylock, Brown+	(Mark III Collab.)
BARTEL	85F	PL 161B 188	+Becker, Cords, Felst+	(JADE Collab.)
BEHRENDS	85	PR D32 2468	+Gentile, Guida, Guida, Morrow+	(CLEO Collab.)
BELTRAMI	85	PRL 54 1775	+Bylsma, DeBonte, Gan+	(HRS Collab.)
BERGER	85	ZPHY C28 1	+Genzel, Lackas, Pielorz+	(PLUTO Collab.)
BURCHAT	85	PRL 54 2489	+Schmidke, Yelton, Abrams+	(Mark II Collab.)
FERNANDEZ	85	PRL 54 1624	+Ford, Qi, Read+	(MAC Collab.)
MILLS	85	PRL 54 624	+Pal, Atwood, Baillon+	(DELCO Collab.)
AIHARA	84C	PR D30 2436	+Alston-Garnjost, Badtke, Bakken+	(TPC Collab.)
BEHREND	84	ZPHY C23 103	+Fenner, Schachter, Schroder+	(CELLO Collab.)
MILLS	84	PRL 52 1944	+Ruckstuhl, Atwood, Baillon+	(DELCO Collab.)
BEHREND	83C	PL 127B 270	+Chen, Fenner, Gumpel+	(CELLO Collab.)

SILVERMAN	83	PR D27 1196	+Shaw	(UCI)
BEHREND	82	PL 114B 282	+Chen, Fenner, Field+	(CELLO Collab.)
BLOCKER	82B	PRL 48 1586	+Abrams, Alam, Blondel+	(Mark II Collab.)
BLOCKER	82D	PL 109B 119	+Dorfan, Abrams, Alam+	(Mark II Collab.) J
FELDMAN	82	PRL 48 66	+Trilling, Abrams, Amidei+	(Mark II Collab.)
HAYES	82	PR D25 2869	+Perl, Alam, Boyarski+	(Mark II Collab.)
BERGER	81B	PL 99B 489	+Genzel, Grigull, Lackas+	(PLUTO Collab.)
DORFAN	81	PRL 46 215	+Blocker, Abrams, Alam+	(Mark II Collab.)
BRANDELIK	80	PL 92B 199	+Braunschweig, Gather+	(TASSO Collab.)
ZHOLENTZ	80	PL 96B 214	+Kurdadze, Lelchuk, Mishnev+	(NOVO)
Also	81	SJNP 34 814	Zholentz, Kurdadze, Lelchuk+	(NOVO)
		Translated from YAF 34 1471.		
BACINO	79B	PRL 42 749	+Ferguson, Nodulman, Slater+	(DELCO Collab.)
KIRKBY	79	SLAC-PUB-2419		(SLAC) J
Batavia Lepton Photon Conference.				
BACINO	78B	PRL 41 13	+Ferguson, Nodulman, Slater+	(DELCO Collab.) J
Also	78	Tokyo Conf. 249	Kirz	(STON)
Also	80	PL 96B 214	Zholentz, Kurdadze, Lelchuk, Mishnev+	(NOVO)
BRANDELIK	78	PL 73B 109	+Braunschweig, Martyn, Sander+	(DASP Collab.) J
FELDMAN	78	Tokyo Conf. 777		(SLAC) J
HEILE	78	NP B138 189	+Perl, Abrams, Alam, Boyarski+	(SLAC, LBL)
JAROS	78	PRL 40 1120	+Abrams, Alam+	(SLAC, LBL, NWES, HAWA)
PERL	75	PRL 35 1489	+Abrams, Boyarski, Breidenbach+	(LBL, SLAC)

OTHER RELATED PAPERS

GENTILE	96	PRPL 274 287	+Pohl	(ROMAI, ETH)
WEINSTEIN	93	ARNPS 43 457	+Stroynowski	(CIT, SMU)
PERL	92	RPP 55 653		(SLAC)
PICH	90	MPL A5 1995		(VALE)
BARISH	88	PRPL 157 1	+Stroynowski	(CIT)
GAN	88	IJMP A3 531	+Perl	(SLAC)
HAYES	88	PR D38 3351	+Perl	(SLAC)
PERL	80	ARNPS 30 299		(SLAC)