$K^*(892)$

$I(J^P) = \frac{1}{2}(1^-)$

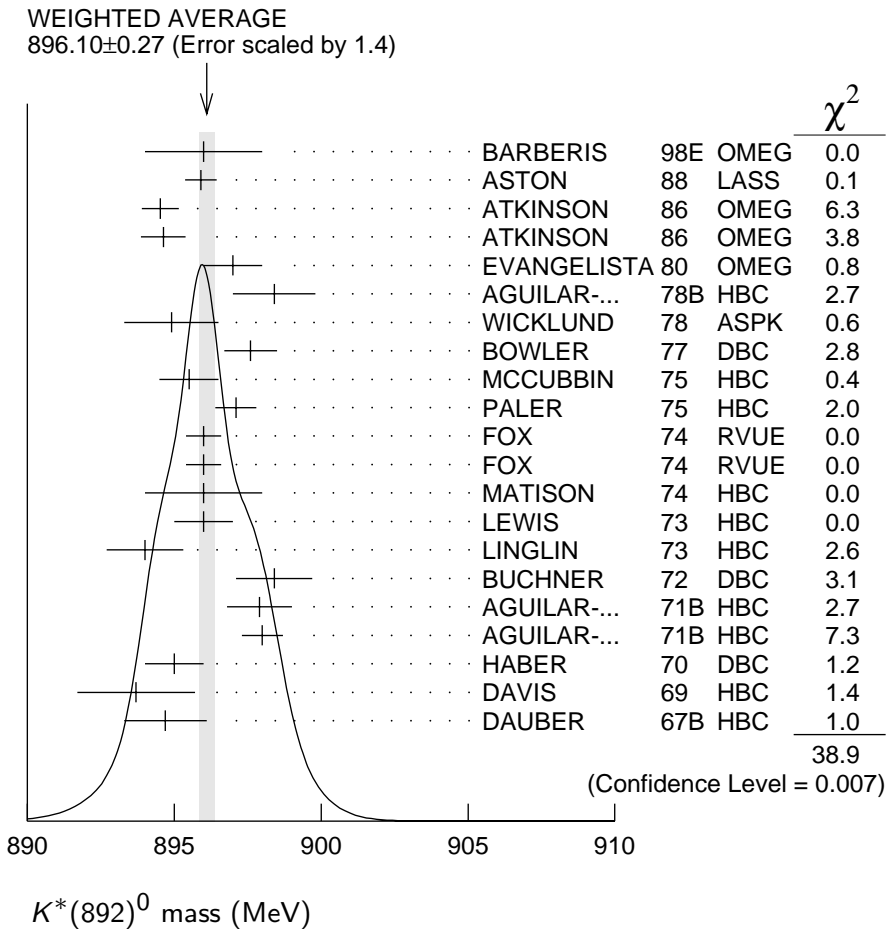## $K^*(892)$ MASS

CHARGED ONLY

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	CHG	COMMENT
891.66±0.26 OUR AVERAGE					
892.6 ±0.5	5840	BAUBILLIER 84B	HBC	−	8.25 $K^- p \to$ $\overline{K}^0 \pi^- p$
888 ±3		NAPIER 84	SPEC	+	200 $\pi^- p \to 2K_S^0 X$
891 ±1		NAPIER 84	SPEC	−	200 $\pi^- p \to 2K_S^0 X$
891.7 ±2.1	3700	BARTH 83	HBC	+	70 $K^+ p \to K^0 \pi^+ X$
891 ±1	4100	TOAFF 81	HBC	−	6.5 $K^- p \to \overline{K}^0 \pi^- p$
892.8 ±1.6		AJINENKO 80	HBC	+	32 $K^+ p \to K^0 \pi^+ X$
890.7 ±0.9	1800	AGUILAR-... 78B	HBC	±	0.76 $\overline{p}p \to$ $K^\mp K_S^0 \pi^\pm$
886.6 ±2.4	1225	BALAND 78	HBC	±	12 $\overline{p}p \to (K\pi)^\pm X$
891.7 ±0.6	6706	COOPER 78	HBC	±	0.76 $\overline{p}p \to (K\pi)^\pm X$
891.9 ±0.7	9000	[2] PALER 75	HBC	−	14.3 $K^- p \to (K\pi)^-$ X
892.2 ±1.5	4404	AGUILAR-... 71B	HBC	−	3.9,4.6 $K^- p \to$ $(K\pi)^- p$
891 ±2	1000	CRENNELL 69D	DBC	−	3.9 $K^- N \to$ $K^0 \pi^- X$
890 ±3.0	720	BARLOW 67	HBC	±	1.2 $\overline{p}p \to$ $(K^0\pi)^\pm K^\mp$
889 ±3.0	600	BARLOW 67	HBC	±	1.2 $\overline{p}p \to$ $(K^0\pi)^\pm K\pi$
891 ±2.3	620	[3] DEBAERE 67B	HBC	+	3.5 $K^+ p \to K^0 \pi^+ p$
891.0 ±1.2	1700	[4] WOJCICKI 64	HBC	−	1.7 $K^- p \to \overline{K}^0 \pi^- p$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
893.5 ±1.1	27k	[1] ABELE 99D	CBAR	±	0.0 $\overline{p}p \to K^+ K^- \pi^0$
890.4 ±0.2 ±0.5	79709± 801	[5] BIRD 89	LASS	−	11 $K^- p \to \overline{K}^0 \pi^- p$
890.0 ±2.3	800	[3,4] CLELAND 82	SPEC	+	30 $K^+ p \to K_S^0 \pi^+ p$
896.0 ±1.1	3200	[3,4] CLELAND 82	SPEC	+	50 $K^+ p \to K_S^0 \pi^+ p$
893 ±1	3600	[3,4] CLELAND 82	SPEC	−	50 $K^+ p \to K_S^0 \pi^- p$
896.0 ±1.9	380	DELFOSSE 81	SPEC	+	50 $K^\pm p \to K^\pm \pi^0 p$
886.0 ±2.3	187	DELFOSSE 81	SPEC	−	50 $K^\pm p \to K^\pm \pi^0 p$
894.2 ±2.0	765	[3] CLARK 73	HBC	−	3.13 $K^- p \to$ $\overline{K}^0 \pi^- p$
894.3 ±1.5	1150	[3,4] CLARK 73	HBC	−	3.3 $K^- p \to \overline{K}^0 \pi^- p$
892.0 ±2.6	341	[3] SCHWEING... 68	HBC	−	5.5 $K^- p \to \overline{K}^0 \pi^- p$

[1] K-matrix pole.

NEUTRAL ONLY

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	CHG	COMMENT
896.10±0.27 OUR AVERAGE		Error includes scale factor of 1.4. See the ideogram below.				
896 ±2		BARBERIS		98E OMEG		450 $p p \to$ $p_f\, p_s\, K^* \overline{K}^*$
895.9 ±0.5 ±0.2		ASTON		88 LASS	0	11 $K^- p \to K^- \pi^+ n$
894.52±0.63	25k	[2] ATKINSON		86 OMEG		20–70 γp
894.63±0.76	20k	[2] ATKINSON		86 OMEG		20–70 γp
897 ±1	28k	EVANGELISTA		80 OMEG	0	10 $\pi^- p \to$ $K^+ \pi^- (\Lambda, \Sigma)$
898.4 ±1.4	1180	AGUILAR-...		78B HBC	0	0.76 $\overline{p} p \to$ $K^{\mp} K^0_S \pi^{\pm}$
894.9 ±1.6		WICKLUND		78 ASPK	0	3,4,6 $K^{\pm} N \to$ $(K\pi)^0 N$
897.6 ±0.9		BOWLER		77 DBC	0	5.4 $K^+ d \to$ $K^+ \pi^- p p$
895.5 ±1.0	3600	MCCUBBIN		75 HBC	0	3.6 $K^- p \to K^- \pi^+ n$
897.1 ±0.7	22k	[2] PALER		75 HBC	0	14.3 $K^- p \to (K\pi)^0$ X
896.0 ±0.6	10k	FOX		74 RVUE	0	2 $K^- p \to K^- \pi^+ n$
896.0 ±0.6		FOX		74 RVUE	0	2 $K^+ n \to K^+ \pi^- p$
896 ±2		[6] MATISON		74 HBC	0	12 $K^+ p \to K^+ \pi^- \Delta$
896 ±1	3186	LEWIS		73 HBC	0	2.1–2.7 $K^+ p \to$ $K \pi \pi p$
894.0 ±1.3		[6] LINGLIN		73 HBC	0	2–13 $K^+ p \to$ $K^+ \pi^- \pi^+ p$
898.4 ±1.3	1700	[3] BUCHNER		72 DBC	0	4.6 $K^+ n \to K^+ \pi^- p$
897.9 ±1.1	2934	[3] AGUILAR-...		71B HBC	0	3.9,4.6 $K^- p \to$ $K^- \pi^+ n$
898.0 ±0.7	5362	[3] AGUILAR-...		71B HBC	0	3.9,4.6 $K^- p \to$ $K^- \pi^+ \pi^- p$
895 ±1	4300	[4] HABER		70 DBC	0	3 $K^- N \to K^- \pi^+ X$
893.7 ±2.0	10k	DAVIS		69 HBC	0	12 $K^+ p \to$ $K^+ \pi^- \pi^+ p$
894.7 ±1.4	1040	[3] DAUBER		67B HBC	0	2.0 $K^- p \to$ $K^- \pi^+ \pi^- p$

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

900.7 ±1.1	5900	BARTH		83 HBC	0	70 $K^+ p \to K^+ \pi^- X$

WEIGHTED AVERAGE
896.10±0.27 (Error scaled by 1.4)

			χ^2
BARBERIS	98E	OMEG	0.0
ASTON	88	LASS	0.1
ATKINSON	86	OMEG	6.3
ATKINSON	86	OMEG	3.8
EVANGELISTA	80	OMEG	0.8
AGUILAR-...	78B	HBC	2.7
WICKLUND	78	ASPK	0.6
BOWLER	77	DBC	2.8
MCCUBBIN	75	HBC	0.4
PALER	75	HBC	2.0
FOX	74	RVUE	0.0
FOX	74	RVUE	0.0
MATISON	74	HBC	0.0
LEWIS	73	HBC	0.0
LINGLIN	73	HBC	2.6
BUCHNER	72	DBC	3.1
AGUILAR-...	71B	HBC	2.7
AGUILAR-...	71B	HBC	7.3
HABER	70	DBC	1.2
DAVIS	69	HBC	1.4
DAUBER	67B	HBC	1.0
			38.9

(Confidence Level = 0.007)

890   895   900   905   910

$K^*(892)^0$ mass (MeV)

[2] Inclusive reaction. Complicated background and phase-space effects.
[3] Mass errors enlarged by us to $\Gamma/\sqrt{N}$. See note.
[4] Number of events in peak reevaluated by us.
[5] From a partial wave amplitude analysis.
[6] From pole extrapolation.

$K^*(892)$ MASSES AND MASS DIFFERENCES

Unrealistically small errors have been reported by some experiments. We use simple "realistic" tests for the minimum errors on the determination of a mass and width from a sample of N events:

$$\delta_{\min}(m) = \frac{\Gamma}{\sqrt{N}}, \quad \delta_{\min}(\Gamma) = 4\frac{\Gamma}{\sqrt{N}} \ . \tag{1}$$

We consistently increase unrealistic errors before averaging. For a detailed discussion, see the 1971 edition of this Note.

$$m_{K^*(892)^0} - m_{K^*(892)^\pm}$$

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	CHG	COMMENT
6.7±1.2 OUR AVERAGE						
7.7±1.7	2980	AGUILAR-...		78B HBC	±0	$0.76\ \overline{p}p \to$ $K^\mp K^0_S \pi^\pm$
5.7±1.7	7338	AGUILAR-...		71B HBC	−0	$3.9, 4.6\ K^- p$
6.3±4.1	283	[7] BARASH		67B HBC		$0.0\ \overline{p}p$

[7] Number of events in peak reevaluated by us.

K*(892) RANGE PARAMETER

All from partial wave amplitude analyses.

VALUE (GeV^{-1})	DOCUMENT ID		TECN	CHG	COMMENT
3.4±0.7	ASTON	88	LASS	0	$11\ K^- p \to K^- \pi^+ n$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
12.1±3.2±3.0	BIRD	89	LASS	−	$11\ K^- p \to \overline{K}^0 \pi^- p$

K*(892) WIDTH

CHARGED ONLY

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	CHG	COMMENT
50.8±0.9 OUR FIT						
50.8±0.9 OUR AVERAGE						
49 ±2	5840	BAUBILLIER		84B HBC	−	$8.25\ K^- p \to$ $\overline{K}^0 \pi^- p$
56 ±4		NAPIER		84 SPEC	−	$200\ \pi^- p \to 2K^0_S X$
51 ±2	4100	TOAFF		81 HBC	−	$6.5\ K^- p \to \overline{K}^0 \pi^- p$
50.5±5.6		AJINENKO		80 HBC	+	$32\ K^+ p \to K^0 \pi^+ X$
45.8±3.6	1800	AGUILAR-...		78B HBC	±	$0.76\ \overline{p}p \to$ $K^\mp K^0_S \pi^\pm$
52.0±2.5	6706	[9] COOPER		78 HBC	±	$0.76\ \overline{p}p \to (K\pi)^\pm X$
52.1±2.2	9000	[10] PALER		75 HBC	−	$14.3\ K^- p \to (K\pi)^-$ X
46.3±6.7	765	[9] CLARK		73 HBC	−	$3.13\ K^- p \to$ $\overline{K}^0 \pi^- p$
48.2±5.7	1150	[9,11] CLARK		73 HBC	−	$3.3\ K^- p \to \overline{K}^0 \pi^- p$
54.3±3.3	4404	[9] AGUILAR-...		71B HBC	−	$3.9, 4.6\ K^- p \to$ $(K\pi)^- p$
46 ±5	1700	[9,11] WOJCICKI		64 HBC	−	$1.7\ K^- p \to \overline{K}^0 \pi^- p$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
54.8±1.7	27k	[8] ABELE		99D CBAR	±	$0.0\ \overline{p}p \to K^+ K^- \pi^0$
45.2±1 ±2	79709± 801	[12] BIRD		89 LASS	−	$11\ K^- p \to \overline{K}^0 \pi^- p$
42.8±7.1	3700	BARTH		83 HBC	+	$70\ K^+ p \to K^0 \pi^+ X$
64.0±9.2	800	[9,11] CLELAND		82 SPEC	+	$30\ K^+ p \to K^0_S \pi^+ p$

62.0 ± 4.4	3200	[9,11]	CLELAND	82	SPEC	+	50 $K^+ p \to K^0_S \pi^+ p$
55 ± 4	3600	[9,11]	CLELAND	82	SPEC	−	50 $K^+ p \to K^0_S \pi^- p$
62.6 ± 3.8	380		DELFOSSE	81	SPEC	+	50 $K^\pm p \to K^\pm \pi^0 p$
50.5 ± 3.9	187		DELFOSSE	81	SPEC	−	50 $K^\pm p \to K^\pm \pi^0 p$

[8] K-matrix pole.

NEUTRAL ONLY

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	CHG	COMMENT
50.7±0.6 OUR FIT	Error includes scale factor of 1.1.				
50.7±0.6 OUR AVERAGE	Error includes scale factor of 1.1.				
54 ± 3		BARBERIS	98E	OMEG	450 $pp \to$ $p_f p_s K^* \overline{K}^*$
$50.8 \pm 0.8 \pm 0.9$		ASTON	88	LASS	0	11 $K^- p \to K^- \pi^+ n$
46.5 ± 4.3	5900	BARTH	83	HBC	0	70 $K^+ p \to K^+ \pi^- X$
54 ± 2	28k	EVANGELISTA	80	OMEG	0	10 $\pi^- p \to$ $K^+ \pi^- (\Lambda, \Sigma)$
45.9 ± 4.8	1180	AGUILAR-...	78B	HBC	0	0.76 $\overline{p} p \to$ $K^\mp K^0_S \pi^\pm$
51.2 ± 1.7		WICKLUND	78	ASPK	0	3,4,6 $K^\pm N \to$ $(K\pi)^0 N$
48.9 ± 2.5		BOWLER	77	DBC	0	5.4 $K^+ d \to$ $K^+ \pi^- p p$
$48 \begin{smallmatrix}+3\\-2\end{smallmatrix}$	3600	MCCUBBIN	75	HBC	0	3.6 $K^- p \to K^- \pi^+ n$
50.6 ± 2.5	22k	[10] PALER	75	HBC	0	14.3 $K^- p \to (K\pi)^0 X$
47 ± 2	10k	FOX	74	RVUE	0	2 $K^- p \to K^- \pi^+ n$
51 ± 2		FOX	74	RVUE	0	2 $K^+ n \to K^+ \pi^- p$
46.0 ± 3.3	3186	[9] LEWIS	73	HBC	0	2.1–2.7 $K^+ p \to$ $K \pi \pi p$
51.4 ± 5.0	1700	[9] BUCHNER	72	DBC	0	4.6 $K^+ n \to K^+ \pi^- p$
$55.8 \begin{smallmatrix}+4.2\\-3.4\end{smallmatrix}$	2934	[9] AGUILAR-...	71B	HBC	0	3.9,4.6 $K^- p \to$ $K^- \pi^+ n$
48.5 ± 2.7	5362	AGUILAR-...	71B	HBC	0	3.9,4.6 $K^- p \to$ $K^- \pi^+ \pi^- p$
54.0 ± 3.3	4300	[9,11] HABER	70	DBC	0	3 $K^- N \to K^- \pi^+ X$
53.2 ± 2.1	10k	[9] DAVIS	69	HBC	0	12 $K^+ p \to$ $K^+ \pi^- \pi^+ p$
44 ± 5.5	1040	[9] DAUBER	67B	HBC	0	2.0 $K^- p \to$ $K^- \pi^+ \pi^- p$

[9] Width errors enlarged by us to $4 \times \Gamma/\sqrt{N}$; see note.
[10] Inclusive reaction. Complicated background and phase-space effects.
[11] Number of events in peak reevaluated by us.
[12] From a partial wave amplitude analysis.

$K^*(892)$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)	Confidence level
Γ_1	$K\pi$	~ 100 %	
Γ_2	$(K\pi)^\pm$	(99.901 ± 0.009) %	
Γ_3	$(K\pi)^0$	(99.770 ± 0.020) %	
Γ_4	$K^0\gamma$	$(2.30\ \pm0.20\ ) \times 10^{-3}$	
Γ_5	$K^\pm\gamma$	$(9.9\ \pm0.9\ ) \times 10^{-4}$	
Γ_6	$K\pi\pi$	$<\ 7\ \times 10^{-4}$	95%

CONSTRAINED FIT INFORMATION

An overall fit to the total width and a partial width uses 13 measurements and one constraint to determine 3 parameters. The overall fit has a $\chi^2 = 7.8$ for 11 degrees of freedom.

The following *off-diagonal* array elements are the correlation coefficients $\left\langle \delta p_i \delta p_j \right\rangle/(\delta p_i \cdot \delta p_j)$, in percent, from the fit to parameters p_i, including the branching fractions, $x_i \equiv \Gamma_i/\Gamma_{\text{total}}$. The fit constrains the x_i whose labels appear in this array to sum to one.

$$
\begin{array}{c|cc}
x_5 & -100 & \\
\Gamma & 19 & -19 \\
\hline
 & x_2 & x_5
\end{array}
$$

	Mode	Rate (MeV)
Γ_2	$(K\pi)^\pm$	$50.7\ \pm0.9$
Γ_5	$K^\pm\gamma$	0.050 ± 0.005

CONSTRAINED FIT INFORMATION

An overall fit to the total width and a partial width uses 19 measurements and one constraint to determine 3 parameters. The overall fit has a $\chi^2 = 19.7$ for 17 degrees of freedom.

The following *off-diagonal* array elements are the correlation coefficients $\left\langle \delta p_i \delta p_j \right\rangle/(\delta p_i \cdot \delta p_j)$, in percent, from the fit to parameters p_i, including the branching fractions, $x_i \equiv \Gamma_i/\Gamma_{\text{total}}$. The fit constrains the x_i whose labels appear in this array to sum to one.

$$
\begin{array}{c|cc}
x_4 & -100 & \\
\Gamma & 14 & -14 \\
\hline
 & x_3 & x_4
\end{array}
$$

	Mode	Rate (MeV)	Scale factor
Γ_3	$(K\pi)^0$	$50.6\ \pm0.6$	1.1

Γ_4	$K^0\gamma$		0.117 ± 0.010

$K^*(892)$ PARTIAL WIDTHS

$\Gamma(K^0\gamma)$ Γ_4

VALUE (keV)	EVTS	DOCUMENT ID	TECN	CHG	COMMENT
116 ±10 OUR FIT					
116.5± 9.9	584	CARLSMITH 86	SPEC	0	$K_L^0 A \to K_S^0 \pi^0 A$

$\Gamma(K^\pm\gamma)$ Γ_5

VALUE (keV)	DOCUMENT ID	TECN	CHG	COMMENT
50± 5 OUR FIT				
50± 5 OUR AVERAGE				
48±11	BERG 83	SPEC	−	156 $K^- A \to \overline{K}\pi A$
51± 5	CHANDLEE 83	SPEC	+	200 $K^+ A \to K\pi A$

$K^*(892)$ BRANCHING RATIOS

$\Gamma(K^0\gamma)/\Gamma_{total}$ Γ_4/Γ

VALUE (units 10^{-3})	DOCUMENT ID	TECN	CHG	COMMENT
2.30±0.20 OUR FIT				
• • • We do not use the following data for averages, fits, limits, etc. • • •				
1.5 ±0.7	CARITHERS 75B	CNTR	0	8–16 $\overline{K}^0 A$

$\Gamma(K^\pm\gamma)/\Gamma_{total}$ Γ_5/Γ

VALUE (units 10^{-3})	CL%	DOCUMENT ID	TECN	CHG	COMMENT
0.99±0.09 OUR FIT					
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<1.6	95	BEMPORAD 73	CNTR	+	10–16 $K^+ A$

$\Gamma(K\pi\pi)/\Gamma((K\pi)^\pm)$ Γ_6/Γ_2

VALUE	CL%	DOCUMENT ID	TECN	CHG	COMMENT
<0.0007	95	JONGEJANS 78	HBC		4 $K^- p \to p\overline{K}^0 2\pi$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<0.002		WOJCICKI 64	HBC	−	1.7 $K^- p \to \overline{K}^0 \pi^- p$

$K^*(892)$ REFERENCES

ABELE	99D	PL B468 178	A. Abele *et al.*	(Crystal Barrel Collab.)
BARBERIS	98E	PL B436 204	D. Barberis *et al.*	(Omega Expt.)
BIRD	89	SLAC-332	P.F. Bird	(SLAC)
ASTON	88	NP B296 493	D. Aston *et al.*	(SLAC, NAGO, CINC, INUS)
ATKINSON	86	ZPHY C30 521	M. Atkinson *et al.*	(BONN, CERN, GLAS+)
CARLSMITH	86	PRL 56 18	D. Carlsmith *et al.*	(EFI, SACL)
BAUBILLIER	84B	ZPHY C26 37	M. Baubillier *et al.*	(BIRM, CERN, GLAS+)
NAPIER	84	PL 149B 514	A. Napier *et al.*	(TUFTS, ARIZ, FNAL, FLOR+)
BARTH	83	NP B223 296	M. Barth *et al.*	(BRUX, CERN, GENO, MONS+)
BERG	83	Thesis UMI 83-21652	D.M. Berg	(ROCH)
CHANDLEE	83	PRL 51 168	C. Chandlee *et al.*	(ROCH, FNAL, MINN)
CLELAND	82	NP B208 189	W.E. Cleland *et al.*	(DURH, GEVA, LAUS+)
DELFOSSE	81	NP B183 349	A. Delfosse *et al.*	(GEVA, LAUS)
TOAFF	81	PR D23 1500	S. Toaff *et al.*	(ANL, KANS)

AJINENKO	80	ZPHY C5 177	I.V. Ajinenko *et al.*	(SERP, BRUX, MONS+)
EVANGELISTA	80	NP B165 383	C. Evangelista *et al.*	(BARI, BONN, CERN+)
AGUILAR-...	78B	NP B141 101	M. Aguilar-Benitez *et al.*	(MADR, TATA+)
BALAND	78	NP B140 220	J.F. Baland *et al.*	(MONS, BELG, CERN+)
COOPER	78	NP B136 365	A.M. Cooper *et al.*	(TATA, CERN, CDEF+)
JONGEJANS	78	NP B139 383	B. Jongejans *et al.*	(ZEEM, CERN, NIJM+)
WICKLUND	78	PR D17 1197	A.B. Wicklund *et al.*	(ANL)
BOWLER	77	NP B126 31	M.G. Bowler *et al.*	(OXF)
CARITHERS	75B	PRL 35 349	W.C.J. Carithers *et al.*	(ROCH, MCGI)
MCCUBBIN	75	NP B86 13	N.A. McCubbin, L. Lyons	(OXF)
PALER	75	NP B96 1	K. Paler *et al.*	(RHEL, SACL, EPOL)
FOX	74	NP B80 403	G.C. Fox, M.L. Griss	(CIT)
MATISON	74	PR D9 1872	M.J. Matison *et al.*	(LBL)
BEMPORAD	73	NP B51 1	C. Bemporad *et al.*	(CERN, ETH, LOIC)
CLARK	73	NP B54 432	A.G. Clark, L. Lyons, D. Radojicic	(OXF)
LEWIS	73	NP B60 283	P.H. Lewis *et al.*	(LOWC, LOIC, CDEF)
LINGLIN	73	NP B55 408	D. Linglin	(CERN)
BUCHNER	72	NP B45 333	K. Buchner *et al.*	(MPIM, CERN, BRUX)
AGUILAR-...	71B	PR D4 2583	M. Aguilar-Benitez, R.L. Eisner, J.B. Kinson	(BNL)
HABER	70	NP B17 289	B. Haber *et al.*	(REHO, SACL, BGNA, EPOL)
CRENNELL	69D	PRL 22 487	D.J. Crennell *et al.*	(BNL)
DAVIS	69	PRL 23 1071	P.J. Davis *et al.*	(LRL)
SCHWEING...	68	PR 166 1317	F. Schweingruber *et al.*	(ANL, NWES)
BARASH	67B	PR 156 1399	N. Barash *et al.*	(COLU)
BARLOW	67	NC 50A 701	J. Barlow *et al.*	(CERN, CDEF, IRAD, LIVP)
DAUBER	67B	PR 153 1403	P.M. Dauber *et al.*	(UCLA)
DEBAERE	67B	NC 51A 401	W. de Baere *et al.*	(BRUX, CERN)
WOJCICKI	64	PR 135B 484	S.G. Wojcicki	(LRL)

—————— OTHER RELATED PAPERS ——————

BENAYOUN	99B	PR D59 114027	M. Benayoun *et al.*	
KAMAL	92	PL B284 421	A.N. Kamal, Q.P. Xu	(ALBE)
NAPIER	84	PL 149B 514	A. Napier *et al.*	(TUFTS, ARIZ, FNAL, FLOR+)
CLELAND	82	NP B208 189	W.E. Cleland *et al.*	(DURH, GEVA, LAUS+)
ALEXANDER	62	PRL 8 447	G. Alexander *et al.*	(LRL)
ALSTON	61	PRL 6 300	M.H. Alston *et al.*	(LRL)