NODE=M022

$K_2^*(1430)$

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

We consider that phase-shift analyses provide more reliable determinations of the mass and width.

NODE=M022

$K_2^*(1430)$ T-MATRIX POLE $\sqrt{s}$

NODE=M022PP

Note that $\Gamma = -2\ \mathrm{Im}(\sqrt{s})$.

NODE=M022PP

NODE=M022PP

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
(1424 ± 4)− *i* (66 ± 2) OUR ESTIMATE				
(1424 ± 4)− i (66 ± 2)	[1] PELAEZ	17	RVUE	$\pi K \to \pi K$

→ UNCHECKED ←

[1] Reanalysis of ESTABROOKS 78 and ASTON 88 satisfying Forward Dispersion Relations and using sequences of Pade approximants.

NODE=M022PP;LINKAGE=A

$K_2^*(1430)$ MASS

NODE=M022205

CHARGED ONLY, WITH FINAL STATE $K\pi$

NODE=M022M1

NODE=M022M1

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	CHG	COMMENT
1427.3± 1.5 OUR AVERAGE		Error includes scale factor of 1.3. See the ideogram below.				
1432.7± $0.7^{+2.2}_{-2.3}$	183k	ABLIKIM	19AQ	BES	±	$J/\psi \to K^+ K^- \pi^0$
1420 ± 4	1587	BAUBILLIER	84B	HBC	−	8.25 $K^- p \to \overline{K}^0 \pi^- p$
1436 ± 5.5	400	[1,2] CLELAND	82	SPEC	+	30 $K^+ p \to K^0_S \pi^+ p$
1430 ± 3.2	1500	[1,2] CLELAND	82	SPEC	+	50 $K^+ p \to K^0_S \pi^+ p$
1430 ± 3.2	1200	[1,2] CLELAND	82	SPEC	−	50 $K^+ p \to K^0_S \pi^- p$
1423 ± 5	935	TOAFF	81	HBC	−	6.5 $K^- p \to \overline{K}^0 \pi^- p$
1428.0± 4.6		[3] MARTIN	78	SPEC	+	10 $K^\pm p \to K^0_S \pi p$
1423.8± 4.6		[3] MARTIN	78	SPEC	−	10 $K^\pm p \to K^0_S \pi p$
1420.0± 3.1	1400	AGUILAR-...	71B	HBC	−	3.9,4.6 $K^- p$
1425 ± 8.0	225	[1,2] BARNHAM	71C	HBC	+	$K^+ p \to K^0 \pi^+ p$
1416 ±10	220	CRENNELL	69D	DBC	−	3.9 $K^- N \to \overline{K}^0 \pi^- N$
1414 ±13.0	60	[1] LIND	69	HBC	+	9 $K^+ p \to K^0 \pi^+ p$
1427 ±12	63	[1] SCHWEING...	68	HBC	−	5.5 $K^- p \to \overline{K} \pi N$
1423 ±11.0	39	[1] BASSANO	67	HBC	−	4.6–5.0 $K^- p \to \overline{K}^0 \pi^- p$
• • • We do not use the following data for averages, fits, limits, etc. • • •						
1428 ± 2	4300	[4] ABLIKIM	22L	BES3		2.0–3.08 $e^+ e^- \to K^+ K^- \pi^0$
1423.4± 2 ±3	25k	[5] BIRD	89	LASS	−	11 $K^- p \to \overline{K}^0 \pi^- p$

OCCUR=2

OCCUR=3

OCCUR=2

OCCUR=2

[1] Errors enlarged by us to $\Gamma/\sqrt{N}$; see the note with the $K^*(892)$ mass.

NODE=M022M;LINKAGE=D

[2] Number of events in peak re-evaluated by us.

NODE=M022M;LINKAGE=W

[3] Systematic error added by us.

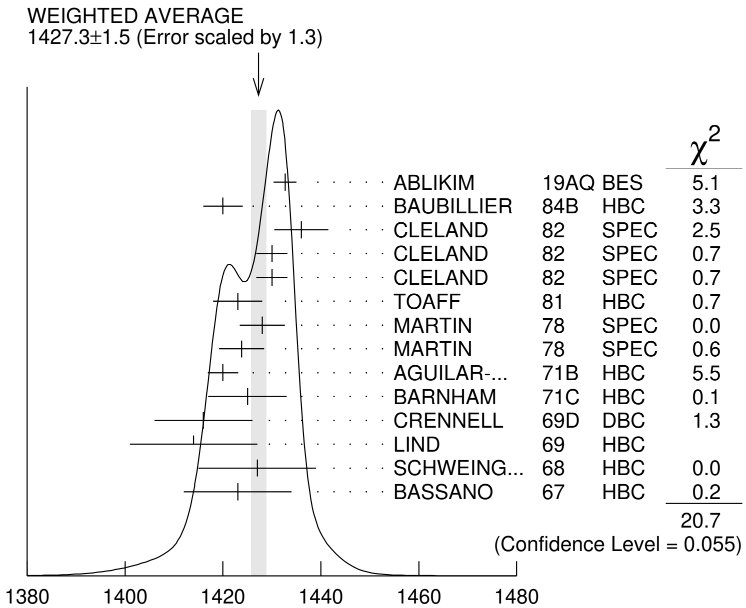
NODE=M022M;LINKAGE=B

[4] From a partial wave amplitude analysis at $\sqrt{s} = 2.125$ GeV which includes all the possible intermediate states that match J^{PC} conservation in the subsequent two-body decay. The intermediate states are parameterized with the relativistic Breit-Wigner functions. Statistical error only.

NODE=M022M1;LINKAGE=A

[5] From a partial wave amplitude analysis.

NODE=M022M;LINKAGE=F



$K_2^*(1430)$ mass, combined neutral and charged (MeV)

NEUTRAL ONLY

NODE=M022M4
NODE=M022M4

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	COMMENT
1432.4± 1.3 OUR AVERAGE					
1431.2± 1.8± 0.7		[1] ASTON	88	LASS	11 $K^- p \to K^- \pi^+ n$
1434 ± 4 ± 6		[1] ASTON	87	LASS	11 $K^- p \to \overline{K}^0 \pi^+ \pi^- n$
1433 ± 6 ±10		[1] ASTON	84B	LASS	11 $K^- p \to \overline{K}^0 2\pi n$
1471 ±12		[1] BAUBILLIER	82B	HBC	8.25 $K^- p \to N K_S^0 \pi\pi$
1428 ± 3		[1] ASTON	81C	LASS	11 $K^- p \to K^- \pi^+ n$
1434 ± 2		[1] ESTABROOKS	78	ASPK	13 $K^\pm p \to p K \pi$
1440 ±10		[1] BOWLER	77	DBC	5.5 $K^+ d \to K \pi p p$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
1428.5± 3.9	1786± 127	[2] AUBERT	07AK	BABR	10.6 $e^+ e^- \to K^{*0} K^\pm \pi^\mp \gamma$
1420 ± 7	300	HENDRICK	76	DBC	8.25 $K^+ N \to K^+ \pi N$
1421.6± 4.2	800	MCCUBBIN	75	HBC	3.6 $K^- p \to K^- \pi^+ n$
1420.1± 4.3		[3] LINGLIN	73	HBC	2–13 $K^+ p \to K^+ \pi^- X$
1419.1± 3.7	1800	AGUILAR-...	71B	HBC	3.9,4.6 $K^- p$
1416 ± 6	600	CORDS	71	DBC	9 $K^+ n \to K^+ \pi^- p$
1421.1± 2.6	2200	DAVIS	69	HBC	12 $K^+ p \to K^+ \pi^- X$

[1] From phase shift or partial-wave analysis. NODE=M022M;LINKAGE=P
[2] Systematic errors not estimated. NODE=M022M4;LINKAGE=NS
[3] From pole extrapolation, using world $K^+ p$ data summary tape. NODE=M022M;LINKAGE=C

$K_2^*(1430)$ WIDTH

NODE=M022210

CHARGED ONLY, WITH FINAL STATE $K\pi$

NODE=M022W1
NODE=M022W1

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	CHG	COMMENT	
100.0± 2.2 OUR FIT Error includes scale factor of 1.1.							
100.0± 2.2 OUR AVERAGE Error includes scale factor of 1.1.							
102.5± $1.6^{+3.1}_{-2.8}$	183k	ABLIKIM	19AQ	BES	±	$J/\psi \to K^+ K^- \pi^0$	
109 ±22	400	[1,2] CLELAND	82	SPEC	+	30 $K^+ p \to K_S^0 \pi^+ p$	
124 ±12.8	1500	[1,2] CLELAND	82	SPEC	+	50 $K^+ p \to K_S^0 \pi^+ p$	OCCUR=2
113 ±12.8	1200	[1,2] CLELAND	82	SPEC	−	50 $K^+ p \to K_S^0 \pi^- p$	OCCUR=3
85 ±16	935	TOAFF	81	HBC	−	6.5 $K^- p \to \overline{K}^0 \pi^- p$	
96.5± 3.8		MARTIN	78	SPEC	+	10 $K^\pm p \to K_S^0 \pi p$	
97.7± 4.0		MARTIN	78	SPEC	−	10 $K^\pm p \to K_S^0 \pi p$	OCCUR=2
$94.7^{+15.1}_{-12.5}$	1400	AGUILAR-...	71B	HBC	−	3.9,4.6 $K^- p$	
• • • We do not use the following data for averages, fits, limits, etc. • • •							
107 ± 4	4300	[3] ABLIKIM	22L	BES3		2.0–3.08 $e^+ e^- \to K^+ K^- \pi^0$	
98 ± 4 ±4	25k	[4] BIRD	89	LASS	−	11 $K^- p \to \overline{K}^0 \pi^- p$	

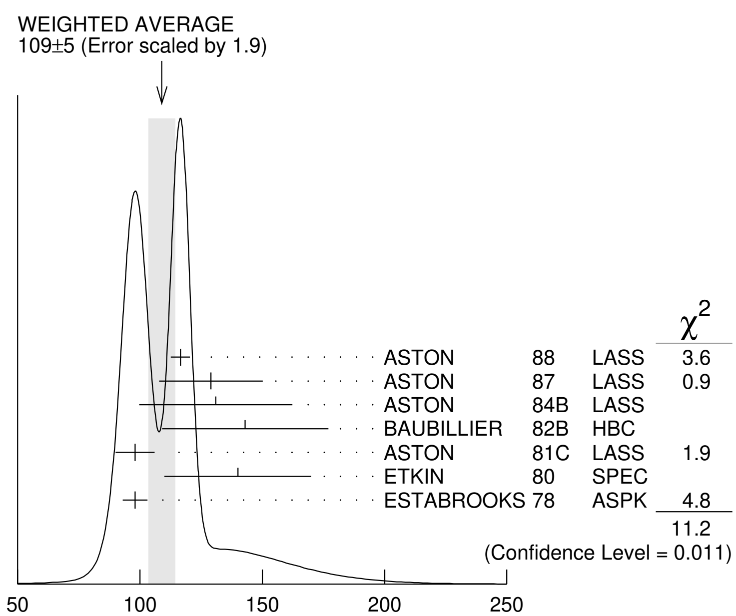
[1] Errors enlarged by us to $4\Gamma/\sqrt{N}$; see the note with the $K^*(892)$ mass. NODE=M022W;LINKAGE=D
[2] Number of events in peak re-evaluated by us. NODE=M022W;LINKAGE=W
[3] From a partial wave amplitude analysis at $\sqrt{s} = 2.125$ GeV which includes all the possible intermediate states that match J^{PC} conservation in the subsequent two-body decay. The intermediate states are parameterized with the relativistic Breit-Wigner functions. Statistical error only. NODE=M022W1;LINKAGE=A
[4] From a partial wave amplitude analysis. NODE=M022W;LINKAGE=F

NEUTRAL ONLY

NODE=M022W4
NODE=M022W4

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	COMMENT
109 ± 5 OUR AVERAGE		Error includes scale factor of 1.9. See the ideogram below.			
116.5 ± 3.6 ± 1.7		[1] ASTON	88	LASS	11 $K^- p \to K^- \pi^+ n$
129 ± 15 ± 15		[1] ASTON	87	LASS	11 $K^- p \to \overline{K}^0 \pi^+ \pi^- n$
131 ± 24 ± 20		[1] ASTON	84B	LASS	11 $K^- p \to \overline{K}^0 2\pi n$
143 ± 34		[1] BAUBILLIER	82B	HBC	8.25 $K^- p \to N K^0_S \pi\pi$
98 ± 8		[1] ASTON	81C	LASS	11 $K^- p \to K^- \pi^+ n$
140 ± 30		[1] ETKIN	80	SPEC	6 $K^- p \to \overline{K}^0 \pi^+ \pi^- n$
98 ± 5		[1] ESTABROOKS	78	ASPK	13 $K^\pm p \to p K \pi$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
113.7 ± 9.2	1786 ± 127	[2] AUBERT	07AK	BABR	10.6 $e^+ e^- \to K^{*0} K^\pm \pi^\mp \gamma$
125 ± 29	300	[3] HENDRICK	76	DBC	8.25 $K^+ N \to K^+ \pi N$
116 ± 18	800	MCCUBBIN	75	HBC	3.6 $K^- p \to K^- \pi^+ n$
61 ± 14		[4] LINGLIN	73	HBC	2–13 $K^+ p \to K^+ \pi^- X$
$116.6^{+10.3}_{-15.5}$	1800	AGUILAR-...	71B	HBC	3.9,4.6 $K^- p$
144 ± 24.0	600	[3] CORDS	71	DBC	9 $K^+ n \to K^+ \pi^- p$
101 ± 10	2200	DAVIS	69	HBC	12 $K^+ p \to K^+ \pi^- \pi^+ p$

[1] From phase shift or partial-wave analysis. NODE=M022W;LINKAGE=P
[2] Systematic errors not estimated. NODE=M022W4;LINKAGE=NS
[3] Errors enlarged by us to $4\Gamma/\sqrt{N}$; see the note with the $K^*(892)$ mass. NODE=M022W4;LINKAGE=D
[4] From pole extrapolation, using world $K^+ p$ data summary tape. NODE=M022W;LINKAGE=C



$K_2^*(1430)^0$ width (MeV)

$K_2^*(1430)$ DECAY MODES

NODE=M022215;NODE=M022

	Mode	Fraction (Γ_i/Γ)	Scale factor/ Confidence level	
Γ_1	$K\pi$	(49.9 ± 1.2) %		DESIG=1
Γ_2	$K^*(892)\pi$	(24.7 ± 1.5) %		DESIG=2
Γ_3	$K^*(892)\pi\pi$	(13.4 ± 2.2) %		DESIG=6
Γ_4	$K\rho$	(8.7 ± 0.8) %	S=1.2	DESIG=3

Γ_5	$K\omega$	(2.9 ± 0.8) %		DESIG=4
Γ_6	$K^+\gamma$	$(2.4\pm0.5)\times10^{-3}$	S=1.1	DESIG=8
Γ_7	$K\eta$	$(1.5^{+3.4}_{-1.0})\times10^{-3}$	S=1.3	DESIG=5
Γ_8	$K\omega\pi$	$< 7.2 \times10^{-4}$	CL=95%	DESIG=7
Γ_9	$K^0\gamma$	$< 9 \times10^{-4}$	CL=90%	DESIG=10;OUR EVAL;→ UNCHECKED ←

CONSTRAINED FIT INFORMATION

An overall fit to the total width, a partial width, and 10 branching ratios uses 32 measurements and one constraint to determine 8 parameters. The overall fit has a $\chi^2 = 21.1$ for 25 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, $x_i \equiv \Gamma_i/\Gamma_{total}$. The fit constrains the x_i whose labels appear in this array to sum to one.

	x_1	x_2	x_3	x_4	x_5	x_6	x_7
x_2	−9						
x_3	−40	−73					
x_4	−8	36	−52				
x_5	−11	−3	−26	−7			
x_6	−1	−1	−1	−1	0		
x_7	−4	−7	−5	−5	−2	0	
Γ	0	0	0	0	0	−11	0

	Mode	Rate (MeV)	Scale factor	
Γ_1	$K\pi$	49.9 ± 1.6		DESIG=1
Γ_2	$K^*(892)\pi$	24.7 ± 1.6		DESIG=2
Γ_3	$K^*(892)\pi\pi$	13.5 ± 2.3		DESIG=6
Γ_4	$K\rho$	8.7 ± 0.8	1.2	DESIG=3
Γ_5	$K\omega$	2.9 ± 0.8		DESIG=4
Γ_6	$K^+\gamma$	0.24 ± 0.05	1.1	DESIG=8
Γ_7	$K\eta$	$0.15^{+0.34}_{-0.10}$	1.3	DESIG=5

$K_2^*(1430)$ PARTIAL WIDTHS

NODE=M022220

$\Gamma(K^+\gamma)$ Γ_6

NODE=M022W8
NODE=M022W8

VALUE (keV)	DOCUMENT ID		TECN	CHG	COMMENT
240±50 OUR FIT	Error includes scale factor of 1.1.				
240±45	CIHANGIR	82	SPEC	+	200 $K^+Z \to ZK^+\pi^0$, $ZK_S^0\pi^+$

$\Gamma(K^0\gamma)$ Γ_9

NODE=M022W9
NODE=M022W9

VALUE (keV)	CL%	DOCUMENT ID		TECN	CHG	COMMENT
< 5.4	90	ALAVI-HARATI	02B	KTEV		$K + A \to K^* + A$
• • • We do not use the following data for averages, fits, limits, etc. • • •						
<84	90	CARLSMITH	87	SPEC	0	60–200 $K_L^0 A \to K_S^0\pi^0 A$

$K_2^*(1430)$ BRANCHING RATIOS

NODE=M022225

$\Gamma(K\pi)/\Gamma_{total}$ Γ_1/Γ

NODE=M022R1
NODE=M022R1

VALUE	DOCUMENT ID		TECN	CHG	COMMENT
0.499±0.012 OUR FIT					
0.488±0.014 OUR AVERAGE					
0.485±0.006±0.020	[1] ASTON	88	LASS	0	11 $K^-p \to K^-\pi^+n$
0.49 ±0.02	[1] ESTABROOKS	78	ASPK	±	13 $K^\pm p \to pK\pi$

[1] From phase shift analysis.

NODE=M022R;LINKAGE=P

$\Gamma(K^*(892)\pi)/\Gamma(K\pi)$ Γ_2/Γ_1

NODE=M022R4
NODE=M022R4

VALUE	DOCUMENT ID		TECN	CHG	COMMENT
0.496±0.034 OUR FIT					
0.47 ±0.04 OUR AVERAGE					
0.44 ±0.09	ASTON	84B	LASS	0	11 $K^- p \to \overline{K}^0 2\pi n$
0.62 ±0.19	LAUSCHER	75	HBC	0	10,16 $K^- p \to K^- \pi^+ n$
0.54 ±0.16	DEHM	74	DBC	0	4.6 $K^+ N$
0.47 ±0.08	AGUILAR-...	71B	HBC		3.9,4.6 $K^- p$
0.47 ±0.10	BASSANO	67	HBC	−0	4.6,5.0 $K^- p$
0.45 ±0.13	BADIER	65C	HBC	−	3 $K^- p$

$\Gamma(K\omega)/\Gamma(K\pi)$ Γ_5/Γ_1

NODE=M022R5
NODE=M022R5

VALUE	DOCUMENT ID		TECN	CHG	COMMENT
0.059±0.017 OUR FIT					
0.070±0.035 OUR AVERAGE					
0.05 ±0.04	AGUILAR-...	71B	HBC		3.9,4.6 $K^- p$
0.13 ±0.07	BASSOMPIE...	69	HBC	0	5 $K^+ p$

OCCUR=2

$\Gamma(K\rho)/\Gamma(K\pi)$ Γ_4/Γ_1

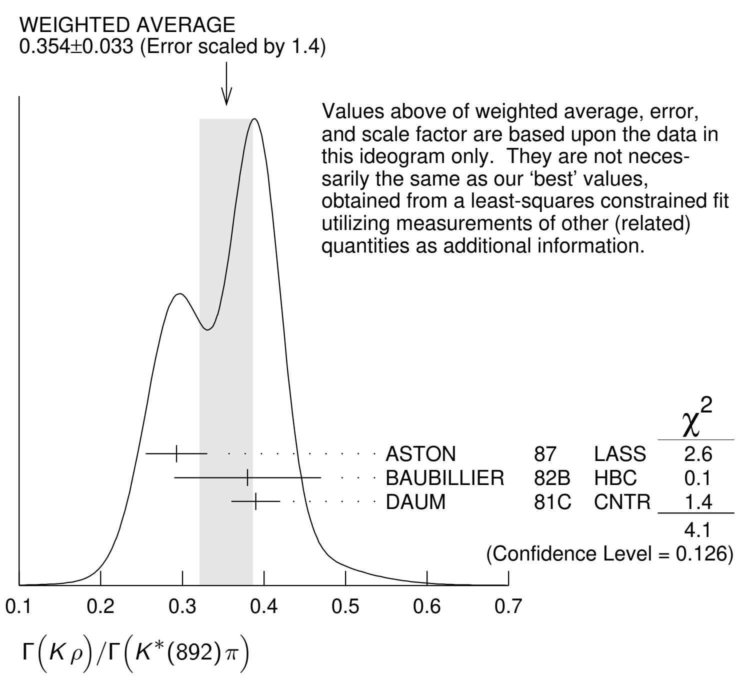
NODE=M022R6
NODE=M022R6

VALUE	DOCUMENT ID		TECN	CHG	COMMENT
0.174±0.017 OUR FIT	Error includes scale factor of 1.2.				
$0.150^{+0.029}_{-0.017}$ OUR AVERAGE					
0.18 ±0.05	ASTON	84B	LASS	0	11 $K^- p \to \overline{K}^0 2\pi n$
$0.02\ ^{+0.10}_{-0.02}$	DEHM	74	DBC	0	4.6 $K^+ N$
0.16 ±0.05	AGUILAR-...	71B	HBC		3.9,4.6 $K^- p$
0.14 ±0.10	BASSANO	67	HBC	−0	4.6,5.0 $K^- p$
0.14 ±0.07	BADIER	65C	HBC	−	3 $K^- p$

$\Gamma(K\rho)/\Gamma(K^*(892)\pi)$ Γ_4/Γ_2

NODE=M022R7
NODE=M022R7

VALUE	DOCUMENT ID		TECN	CHG	COMMENT
0.350±0.031 OUR FIT	Error includes scale factor of 1.4.				
0.354±0.033 OUR AVERAGE	Error includes scale factor of 1.4. See the ideogram below.				
0.293±0.032±0.020	ASTON	87	LASS	0	11 $K^- p \to \overline{K}^0 \pi^+ \pi^- n$
0.38 ±0.09	BAUBILLIER	82B	HBC	0	8.25 $K^- p \to N K^0_S \pi\pi$
0.39 ±0.03	DAUM	81C	CNTR		63 $K^- p \to K^- 2\pi p$



$\Gamma(K\omega)/\Gamma(K^*(892)\pi)$ Γ_5/Γ_2

NODE=M022R8
NODE=M022R8

VALUE	DOCUMENT ID		TECN	CHG	COMMENT
0.118±0.034 OUR FIT					
0.10 ±0.04	FIELD	67	HBC	−	3.8 $K^- p$

$\Gamma(K\eta)/\Gamma(K^*(892)\pi)$ Γ_7/Γ_2

NODE=M022R9
NODE=M022R9

VALUE	DOCUMENT ID		TECN	CHG	COMMENT
$\mathbf{0.006^{+0.014}_{-0.004}}$ **OUR FIT**	Error includes scale factor of 1.2.				
0.07 ±0.04	FIELD	67	HBC	−	3.8 $K^- p$

$\Gamma(K\eta)/\Gamma(K\pi)$ Γ_7/Γ_1

NODE=M022R10
NODE=M022R10

VALUE	CL%	DOCUMENT ID		TECN	CHG	COMMENT
$\mathbf{0.0030^{+0.0070}_{-0.0020}}$ **OUR FIT**		Error includes scale factor of 1.3.				
0 ±0.0056		[1] ASTON	88B	LASS	−	11 $K^- p \to K^- \eta p$
• • • We do not use the following data for averages, fits, limits, etc. • • •						
<0.04	95	AGUILAR-...	71B	HBC		3.9,4.6 $K^- p$
<0.065		[2] BASSOMPIE...	69	HBC		5.0 $K^+ p$
<0.02		BISHOP	69	HBC		3.5 $K^+ p$

[1] ASTON 88B quote < 0.0092 at CL=95%. We convert this to a central value and 1 sigma error in order to be able to use it in our constrained fit. NODE=M022R;LINKAGE=PQ

[2] Restated by us. NODE=M022R;LINKAGE=R

$\Gamma(K^*(892)\pi\pi)/\Gamma_{total}$ Γ_3/Γ

NODE=M022R11
NODE=M022R11

VALUE	DOCUMENT ID		TECN	CHG	COMMENT
0.134±0.022 OUR FIT					
0.12 ±0.04	[1] GOLDBERG	76	HBC	−	3 $K^- p \to p\overline{K}^0 \pi\pi\pi$

[1] Assuming $\pi\pi$ system has isospin 1, which is supported by the data. NODE=M022R;LINKAGE=T

$\Gamma(K^*(892)\pi\pi)/\Gamma(K\pi)$ Γ_3/Γ_1

NODE=M022R12
NODE=M022R12

VALUE	DOCUMENT ID		TECN	CHG	COMMENT
0.27±0.05 OUR FIT					
0.21±0.08	[1,2] JONGEJANS	78	HBC	−	4 $K^- p \to p\overline{K}^0 \pi\pi\pi$

[1] Restated by us. NODE=M022R12;LINKAGE=R

[2] Assuming $\pi\pi$ system has isospin 1, which is supported by the data. NODE=M022R12;LINKAGE=T

$\Gamma(K\omega\pi)/\Gamma_{total}$ Γ_8/Γ

NODE=M022R13
NODE=M022R13

VALUE (units 10^{-3})	CL%	EVTS	DOCUMENT ID		TECN	COMMENT
<0.72	95	0	JONGEJANS	78	HBC	4 $K^- p \to p\overline{K}^0 4\pi$

$K_2^*(1430)$ REFERENCES

NODE=M022

ABLIKIM	22L	JHEP 2207 045	M. Ablikim *et al.*	(BESIII Collab.)	REFID=61649
ABLIKIM	19AQ	PR D100 032004	M. Ablikim *et al.*	(BESIII Collab.)	REFID=59909
PELAEZ	17	EPJ C77 91	J.R. Pelaez, A.Rodas, J.R. de Elvira		REFID=57836
AUBERT	07AK	PR D76 012008	B. Aubert *et al.*	(BABAR Collab.)	REFID=51908
ALAVI-HARATI	02B	PRL 89 072001	A. Alavi-Harati *et al.*	(FNAL KTeV Collab.)	REFID=48822
BIRD	89	SLAC-332	P.F. Bird	(SLAC)	REFID=41002
ASTON	88	NP B296 493	D. Aston *et al.*	(SLAC, NAGO, CINC, INUS)	REFID=40262
ASTON	88B	PL B201 169	D. Aston *et al.*	(SLAC, NAGO, CINC, INUS)	REFID=40281
ASTON	87	NP B292 693	D. Aston *et al.*	(SLAC, NAGO, CINC, INUS)	REFID=40234
CARLSMITH	87	PR D36 3502	D. Carlsmith *et al.*	(EFI, SACL)	REFID=40557
ASTON	84B	NP B247 261	D. Aston *et al.*	(SLAC, CARL, OTTA)	REFID=22763
BAUBILLIER	84B	ZPHY C26 37	M. Baubillier *et al.*	(BIRM, CERN, GLAS+)	REFID=22459
BAUBILLIER	82B	NP B202 21	M. Baubillier *et al.*	(BIRM, CERN, GLAS+)	REFID=22551
CIHANGIR	82	PL 117B 123	S. Cihangir *et al.*	(FNAL, MINN, ROCH)	REFID=21280
CLELAND	82	NP B208 189	W.E. Cleland *et al.*	(DURH, GEVA, LAUS+)	REFID=22455
ASTON	81C	PL 106B 235	D. Aston *et al.*	(SLAC, CARL, OTTA) JP	REFID=22821
DAUM	81C	NP B187 1	C. Daum *et al.*	(AMST, CERN, CRAC, MPIM+)	REFID=22548
TOAFF	81	PR D23 1500	S. Toaff *et al.*	(ANL, KANS)	REFID=22454
ETKIN	80	PR D22 42	A. Etkin *et al.*	(BNL, CUNY) JP	REFID=22545
ESTABROOKS	78	NP B133 490	P.G. Estabrooks *et al.*	(MCGI, CARL, DURH+)	REFID=22443
Also		PR D17 658	P.G. Estabrooks *et al.*	(MCGI, CARL, DURH+)	REFID=22444
JONGEJANS	78	NP B139 383	B. Jongejans *et al.*	(ZEEM, CERN, NIJM+)	REFID=22445
MARTIN	78	NP B134 392	A.D. Martin *et al.*	(DURH, GEVA)	REFID=22446
BOWLER	77	NP B126 31	M.G. Bowler *et al.*	(OXF)	REFID=22437
GOLDBERG	76	LNC 17 253	J. Goldberg	(HAIF)	REFID=22742
HENDRICK	76	NP B112 189	K. Hendrickx *et al.*	(MONS, SACL, PARIS+)	REFID=22743
LAUSCHER	75	NP B86 189	P. Lauscher *et al.*	(ABCLV Collab.) JP	REFID=22582
MCCUBBIN	75	NP B86 13	N.A. McCubbin, L. Lyons	(OXF)	REFID=22434
DEHM	74	NP B75 47	G. Dehm *et al.*	(MPIM, BRUX, MONS, CERN)	REFID=22736
LINGLIN	73	NP B55 408	D. Linglin	(CERN)	REFID=22428
AGUILAR-...	71B	PR D4 2583	M. Aguilar-Benitez, R.L. Eisner, J.B. Kinson	(BNL)	REFID=22408
BARNHAM	71C	NP B28 171	K.W.J. Barnham *et al.*	(BIRM, GLAS)	REFID=22409
CORDS	71	PR D4 1974	D. Cords *et al.*	(PURD, UCD, IUPU)	REFID=22411
BASSOMPIE...	69	NP B13 189	G. Bassompierre *et al.*	(CERN, BRUX) JP	REFID=22710
BISHOP	69	NP B9 403	J.M. Bishop *et al.*	(WISC)	REFID=22485
CRENNELL	69D	PRL 22 487	D.J. Crennell *et al.*	(BNL)	REFID=22399
DAVIS	69	PRL 23 1071	P.J. Davis *et al.*	(LRL)	REFID=22400
LIND	69	NP B14 1	V.G. Lind *et al.*	(LRL) JP	REFID=22404
SCHWEING...	68	PR 166 1317	F. Schweingruber *et al.*	(ANL, NWES)	REFID=22398
Also		Thesis	F.L. Schweingruber	(NWES, NWES)	REFID=22709
BASSANO	67	PRL 19 968	D. Bassano *et al.*	(BNL, SYRA)	REFID=22695
FIELD	67	PL 24B 638	J.H. Field *et al.*	(UCSD)	REFID=22701
BADIER	65C	PL 19 612	J. Badier *et al.*	(EPOL, SACL, AMST)	REFID=22690