$$\boxed{f_2'(1525)} \qquad\qquad I^G(J^{PC}) = 0^+(2^{++})$$

$f_2'(1525)$ MASS

VALUE (MeV)   DOCUMENT ID

1525±5 OUR ESTIMATE   This is only an educated guess; the error given is larger than the error on the average of the published values.

PRODUCED BY PION BEAM

VALUE (MeV)	EVTS		DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •						
1521 ± 13			TIKHOMIROV	03	SPEC	$40.0\ \pi^- C \to\ K_S^0 K_S^0 K_L^0 X$
$1547^{+10}_{-\ 2}$		[1]	LONGACRE	86	MPS	$22\ \pi^- p \to\ K_S^0 K_S^0 n$
$1496^{+\ 9}_{-\ 8}$		[2]	CHABAUD	81	ASPK	$6\ \pi^- p \to\ K^+ K^- n$
$1497^{+\ 8}_{-\ 9}$			CHABAUD	81	ASPK	$18.4\ \pi^- p \to\ K^+ K^- n$
1492 ± 29			GORLICH	80	ASPK	$17\ \pi^- p$ polarized $\to\ K^+ K^- n$
1502 ± 25		[3]	CORDEN	79	OMEG	$12\text{–}15\ \pi^- p \to\ \pi^+ \pi^- n$
1480	14		CRENNELL	66	HBC	$6.0\ \pi^- p \to\ K_S^0 K_S^0 n$

PRODUCED BY $K^\pm$ BEAM

VALUE (MeV)	EVTS		DOCUMENT ID		TECN	COMMENT
1523.4± 1.3 OUR AVERAGE Includes data from the datablock that follows this one. Error includes scale factor of 1.1.						
$1526.8\pm\ 4.3$			ASTON	88D	LASS	$11\ K^- p \to\ K_S^0 K_S^0 \Lambda$
$1504\ \pm12$			BOLONKIN	86	SPEC	$40\ K^- p \to\ K_S^0 K_S^0 Y$
$1529\ \pm\ 3$			ARMSTRONG	83B	OMEG	$18.5\ K^- p \to\ K^- K^+ \Lambda$
$1521\ \pm\ 6$	650		AGUILAR-...	81B	HBC	$4.2\ K^- p \to\ \Lambda K^+ K^-$
$1521\ \pm\ 3$	572		ALHARRAN	81	HBC	$8.25\ K^- p \to\ \Lambda K \overline{K}$
$1522\ \pm\ 6$	123		BARREIRO	77	HBC	$4.15\ K^- p \to\ \Lambda K_S^0 K_S^0$
$1528\ \pm\ 7$	166		EVANGELIS...	77	OMEG	$10\ K^- p \to\ K^+ K^- (\Lambda, \Sigma)$
$1527\ \pm\ 3$	120		BRANDENB...	76C	ASPK	$13\ K^- p \to\ K^+ K^- (\Lambda, \Sigma)$
$1519\ \pm\ 7$	100		AGUILAR-...	72B	HBC	$3.9,4.6\ K^- p \to\ K \overline{K}(\Lambda, \Sigma)$
• • • We do not use the following data for averages, fits, limits, etc. • • •						
$1514\ \pm\ 8$	61		BINON	07	GAMS	$32.5\ K^- p \to\ \eta\eta(\Lambda/\Sigma^0)$
$1513\ \pm10$		[4]	BARKOV	99	SPEC	$40\ K^- p \to\ K_S^0 K_S^0 y$

PRODUCED IN $e^+ e^-$ ANNIHILATION

VALUE (MeV)	EVTS		DOCUMENT ID		TECN	COMMENT
The data in this block is included in the average printed for a previous datablock.						

1520.7± 2.0 OUR AVERAGE

VALUE (MeV)	EVTS		DOCUMENT ID		TECN	COMMENT
$1521\ \pm\ 5$			ABLIKIM	05	BES2	$J/\psi \to\ \phi K^+ K^-$
$1518\ \pm\ 1\ \pm 3$			ABE	04	BELL	$10.6\ e^+ e^- \to\ e^+ e^- K^+ K^-$
$1519\ \pm\ 2\ ^{+15}_{-\ 5}$			BAI	03G	BES	$J/\psi \to\ \gamma K \overline{K}$
$1523\ \pm\ 6$	331	[5]	ACCIARRI	01H	L3	$91,\ 183\text{–}209\ e^+ e^- \to$ $e^+ e^- K_S^0 K_S^0$

$1535 \pm 5 \pm 4$	ABREU	96C	DLPH	$Z^0 \to K^+ K^- + X$
$1516 \pm 5 {}^{+\ 9}_{-15}$	BAI	96C	BES	$J/\psi \to \gamma K^+ K^-$
1531.6 ± 10.0	AUGUSTIN	88	DM2	$J/\psi \to \gamma K^+ K^-$
1515 ± 5	[6] FALVARD	88	DM2	$J/\psi \to \phi K^+ K^-$
$1525 \pm 10 \pm 10$	BALTRUSAIT...87		MRK3	$J/\psi \to \gamma K^+ K^-$

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

1523 ± 5	870	[7] SCHEGELSKY 06A	RVUE	$\gamma\gamma \to K^0_S K^0_S$
1496 ± 2		[8] FALVARD 88	DM2	$J/\psi \to \phi K^+ K^-$

PRODUCED IN $\overline{p}p$ ANNIHILATION

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT

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

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
1513 ± 4	AMSLER 06	CBAR	$0.9\ \overline{p}p \to K^+ K^- \pi^0$
1508 ± 9	[9] AMSLER 02	CBAR	$0.9\ \overline{p}p \to \pi^0\eta\eta,\ \pi^0\pi^0\pi^0$

CENTRAL PRODUCTION

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
1515±15	BARBERIS 99	OMEG	450 $pp \to p_s p_f K^+ K^-$

PRODUCED IN ep COLLISIONS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT

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

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
$1537{}^{+9}_{-8}$	84	[10] CHEKANOV 04	ZEUS	$ep \to K^0_S K^0_S X$

[1] From a partial-wave analysis of data using a K-matrix formalism with 5 poles.

[2] CHABAUD 81 is a reanalysis of PAWLICKI 77 data.

[3] From an amplitude analysis where the $f'_2(1525)$ width and elasticity are in complete disagreement with the values obtained from $K\overline{K}$ channel, making the solution dubious.

[4] Systematic errors not estimated.

[5] Supersedes ACCIARRI 95J.

[6] From an analysis ignoring interference with $f_0(1710)$.

[7] From analysis of L3 data at 91 and 183–209 GeV.

[8] From an analysis including interference with $f_0(1710)$.

[9] T-matrix pole.

[10] Systematic errors not estimated.

$f'_2(1525)$ WIDTH

VALUE (MeV)	DOCUMENT ID	COMMENT
$73{}^{+6}_{-5}$ **OUR FIT**		
76±10	PDG 90	For fitting

PRODUCED BY PION BEAM

VALUE (MeV)		DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •					
102 ± 42		TIKHOMIROV	03	SPEC	$40.0\ \pi^- C \rightarrow K_S^0 K_S^0 K_L^0 X$
$108^{+\ 5}_{-\ 2}$	[11]	LONGACRE	86	MPS	$22\ \pi^- p \rightarrow K_S^0 K_S^0 n$
69^{+22}_{-16}	[12]	CHABAUD	81	ASPK	$6\ \pi^- p \rightarrow K^+ K^- n$
137^{+23}_{-21}		CHABAUD	81	ASPK	$18.4\ \pi^- p \rightarrow K^+ K^- n$
150^{+83}_{-50}		GORLICH	80	ASPK	$17\ \pi^- p$ polarized $\rightarrow K^+ K^- n$
165 ± 42	[13]	CORDEN	79	OMEG	$12\text{--}15\ \pi^- p \rightarrow \pi^+ \pi^- n$
92^{+39}_{-22}	[14]	POLYCHRO...	79	STRC	$7\ \pi^- p \rightarrow n K_S^0 K_S^0$

PRODUCED BY $K^\pm$ BEAM

VALUE (MeV)	EVTS		DOCUMENT ID		TECN	COMMENT
80.2± 2.6 OUR AVERAGE			Includes data from the datablock that follows this one.			
$90\ \pm 12$			ASTON	88D	LASS	$11\ K^- p \rightarrow K_S^0 K_S^0 \Lambda$
$73\ \pm 18$			BOLONKIN	86	SPEC	$40\ K^- p \rightarrow K_S^0 K_S^0 Y$
$83\ \pm 15$			ARMSTRONG	83B	OMEG	$18.5\ K^- p \rightarrow K^- K^+ \Lambda$
$85\ \pm 16$	650		AGUILAR-...	81B	HBC	$4.2\ K^- p \rightarrow \Lambda K^+ K^-$
$80\ ^{+14}_{-11}$	572		ALHARRAN	81	HBC	$8.25\ K^- p \rightarrow \Lambda K \overline{K}$
$72\ \pm 25$	166		EVANGELIS...	77	OMEG	$10\ K^- p \rightarrow K^+ K^- (\Lambda, \Sigma)$
$69\ \pm 22$	100		AGUILAR-...	72B	HBC	$3.9, 4.6\ K^- p \rightarrow K \overline{K} (\Lambda, \Sigma)$
• • • We do not use the following data for averages, fits, limits, etc. • • •						
$92\ ^{+25}_{-16}$	61		BINON	07	GAMS	$32.5\ K^- p \rightarrow \eta \eta (\Lambda / \Sigma^0)$
$75\ \pm 20$		[15]	BARKOV	99	SPEC	$40\ K^- p \rightarrow K_S^0 K_S^0 y$
$62\ ^{+19}_{-14}$	123		BARREIRO	77	HBC	$4.15\ K^- p \rightarrow \Lambda K_S^0 K_S^0$
$61\ \pm 8$	120		BRANDENB...	76C	ASPK	$13\ K^- p \rightarrow K^+ K^- (\Lambda, \Sigma)$

PRODUCED IN $e^+ e^-$ ANNIHILATION

VALUE (MeV)	EVTS		DOCUMENT ID		TECN	COMMENT
The data in this block is included in the average printed for a previous datablock.						
79.9± 3.3 OUR AVERAGE			Error includes scale factor of 1.1.			
$77\ \pm 15$			ABLIKIM	05	BES2	$J/\psi \rightarrow \phi K^+ K^-$
$82\ \pm 2\ \pm 3$			ABE	04	BELL	$10.6\ e^+ e^- \rightarrow e^+ e^- K^+ K^-$
$75\ \pm 4\ ^{+15}_{-\ 5}$			BAI	03G	BES	$J/\psi \rightarrow \gamma K \overline{K}$
$100\ \pm 15$	331	[16]	ACCIARRI	01H	L3	$91,\ 183\text{--}209\ e^+ e^- \rightarrow$ $e^+ e^- K_S^0 K_S^0$
$60\ \pm 20\ \pm 19$			ABREU	96C	DLPH	$Z^0 \rightarrow K^+ K^- + X$
$60\ \pm 23\ ^{+13}_{-20}$			BAI	96C	BES	$J/\psi \rightarrow \gamma K^+ K^-$
$103\ \pm 30$			AUGUSTIN	88	DM2	$J/\psi \rightarrow \gamma K^+ K^-$
$62\ \pm 10$		[17]	FALVARD	88	DM2	$J/\psi \rightarrow \phi K^+ K^-$
$85\ \pm 35$			BALTRUSAIT...	87	MRK3	$J/\psi \rightarrow \gamma K^+ K^-$
• • • We do not use the following data for averages, fits, limits, etc. • • •						

104 ± 10		870	[18] SCHEGELSKY 06A	RVUE	$\gamma\gamma \to K^0_S K^0_S$
100 $\pm$ 3			[19] FALVARD 88	DM2	$J/\psi \to \phi K^+ K^-$

PRODUCED IN $\overline{p}p$ ANNIHILATION

VALUE (MeV)		DOCUMENT ID		TECN	COMMENT
79±8		[20] AMSLER	02	CBAR	0.9 $\overline{p}p \to \pi^0 \eta\eta,\ \pi^0 \pi^0 \pi^0$

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

76±6		AMSLER	06	CBAR	0.9 $\overline{p}p \to K^+ K^- \pi^0$

CENTRAL PRODUCTION

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
70±25	BARBERIS	99	OMEG	450 $pp \to p_s p_f K^+ K^-$

PRODUCED IN ep COLLISIONS

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	COMMENT

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

50^{+34}_{-22}	84	[21] CHEKANOV	04	ZEUS	$ep \to K^0_S K^0_S X$

[11] From a partial-wave analysis of data using a K-matrix formalism with 5 poles.

[12] CHABAUD 81 is a reanalysis of PAWLICKI 77 data.

[13] From an amplitude analysis where the $f'_2(1525)$ width and elasticity are in complete disagreement with the values obtained from $K\overline{K}$ channel, making the solution dubious.

[14] From a fit to the D with $f_2(1270)$-$f'_2(1525)$ interference. Mass fixed at 1516 MeV.

[15] Systematic errors not estimated.

[16] Supersedes ACCIARRI 95J.

[17] From an analysis ignoring interference with $f_0(1710)$.

[18] From analysis of L3 data at 91 and 183–209 GeV.

[19] From an analysis including interference with $f_0(1710)$.

[20] T-matrix pole.

[21] Systematic errors not estimated.

$f'_2(1525)$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	$K\overline{K}$	(88.7 ± 2.2) %
Γ_2	$\eta\eta$	(10.4 ± 2.2) %
Γ_3	$\pi\pi$	(8.2 ± 1.5) $\times 10^{-3}$
Γ_4	$K\overline{K}^*(892)+$ c.c.	
Γ_5	$\pi K\overline{K}$	
Γ_6	$\pi\pi\eta$	
Γ_7	$\pi^+ \pi^+ \pi^- \pi^-$	
Γ_8	$\gamma\gamma$	(1.11± 0.14) $\times 10^{-6}$

CONSTRAINED FIT INFORMATION

An overall fit to the total width, 2 partial widths, a combination of partial widths obtained from integrated cross sections, and 3 branching ratios uses 16 measurements and one constraint to determine 5 parameters. The overall fit has a $\chi^2 = 14.0$ for 12 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_2	-100			
x_3	-6	-1		
x_8	-6	6	1	
Γ	-23	23	-1	-55
	x_1	x_2	x_3	x_8

	Mode	Rate (MeV)
Γ_1	$K\overline{K}$	$65 \; {}^{+5}_{-4}$
Γ_2	$\eta\eta$	7.6 ± 1.8
Γ_3	$\pi\pi$	0.60 ± 0.12
Γ_8	$\gamma\gamma$	$(8.1 \pm 0.9) \times 10^{-5}$

$f_2'(1525)$ PARTIAL WIDTHS

$\Gamma(K\overline{K})$ Γ_1

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
65^{+5}_{-4} OUR FIT			
63^{+6}_{-5}	[22] LONGACRE 86	MPS	$22 \; \pi^- p \to K^0_S K^0_S n$

$\Gamma(\eta\eta)$ Γ_2

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
7.6 ± 1.8 OUR FIT				
• • • We do not use the following data for averages, fits, limits, etc. • • •				
5.0 ± 0.8	870	[23] SCHEGELSKY 06A	RVUE	$\gamma\gamma \to K^0_S K^0_S$
$24 \; {}^{+3}_{-1}$		[22] LONGACRE 86	MPS	$22 \; \pi^- p \to K^0_S K^0_S n$

$\Gamma(\pi\pi)$ $\qquad\qquad\qquad\Gamma_3$

VALUE (MeV)	EVTS	DOCUMENT ID		TECN	COMMENT
0.60±0.12 OUR FIT					
$1.4\ ^{+1.0}_{-0.5}$		[22] LONGACRE	86	MPS	$22\ \pi^- p \to K^0_S K^0_S n$

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

$0.2\ ^{+1.0}_{-0.2}$	870	[23] SCHEGELSKY	06A	RVUE	$\gamma\gamma \to K^0_S K^0_S$

$\Gamma(\gamma\gamma)$ $\qquad\qquad\qquad\Gamma_8$

VALUE (keV)	EVTS	DOCUMENT ID		TECN	COMMENT
0.081±0.009 OUR FIT					

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

$0.13\ \pm0.03$	870	[23] SCHEGELSKY	06A	RVUE	$\gamma\gamma \to K^0_S K^0_S$

[22] From a partial-wave analysis of data using a K-matrix formalism with 5 poles.

[23] From analysis of L3 data at 91 and 183–209 GeV, using $\Gamma(f'_2(1525) \to K\overline{K}) = 68$ MeV and SU(3) relations.

$f'_2(1525)$ $\Gamma(i)\Gamma(\gamma\gamma)/\Gamma(\text{total})$

$\Gamma(K\overline{K}) \times \Gamma(\gamma\gamma)/\Gamma_{\text{total}}$ $\qquad\qquad\Gamma_1\Gamma_8/\Gamma$

VALUE (keV)	EVTS	DOCUMENT ID		TECN	COMMENT
0.072 ±0.007 OUR FIT					
0.072 ±0.007 OUR AVERAGE					
$0.0564\pm0.0048\pm0.0116$		ABE	04	BELL	$10.6\ e^+ e^- \to$ $e^+ e^- K^+ K^-$
$0.076\ \pm0.006\ \pm0.011$	331	[24] ACCIARRI	01H	L3	$e^+ e^- \to e^+ e^- K^0_S K^0_S$
$0.067\ \pm0.008\ \pm0.015$		[25] ALBRECHT	90G	ARG	$e^+ e^- \to e^+ e^- K^+ K^-$
$0.11\ ^{+0.03}_{-0.02}\ \pm0.02$		BEHREND	89C	CELL	$e^+ e^- \to e^+ e^- K^0_S K^0_S$
$0.10\ ^{+0.04}_{-0.03}\ ^{+0.03}_{-0.02}$		BERGER	88	PLUT	$e^+ e^- \to e^+ e^- K^0_S K^0_S$
$0.12\ \pm0.07\ \pm0.04$		[25] AIHARA	86B	TPC	$e^+ e^- \to e^+ e^- K^+ K^-$
$0.11\ \pm0.02\ \pm0.04$		[25] ALTHOFF	83	TASS	$e^+ e^- \to e^+ e^- K\overline{K}$

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

$0.0314\pm0.0050\pm0.0077$		[26] ALBRECHT	90G	ARG	$e^+ e^- \to e^+ e^- K^+ K^-$

[24] Supersedes ACCIARRI 95J. From analysis of L3 data at 91 and 183–209 GeV,

[25] Using an incoherent background.

[26] Using a coherent background.

$f'_2(1525)$ BRANCHING RATIOS

$\Gamma(\eta\eta)/\Gamma_{\text{total}}$ $\qquad\qquad\qquad\Gamma_2/\Gamma$

VALUE		DOCUMENT ID		TECN	COMMENT

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

0.10 ± 0.03		[27] PROKOSHKIN	91	GAM4	$300\ \pi^- p \to \pi^- p \eta\eta$

[27] Combining results of GAM4 with those of WA76 on $K\overline{K}$ central production and results of CBAL, MRK3 and DM2 on $J/\psi \to \gamma\eta\eta$.

$\Gamma(\eta\eta)/\Gamma(K\overline{K})$ $\qquad\qquad$ Γ_2/Γ_1

VALUE	CL%	EVTS	DOCUMENT ID		TECN	COMMENT
0.118±0.028 OUR FIT						
0.115±0.028 OUR AVERAGE						
$0.119\pm0.015\pm0.036$		61	[28] BINON	07	GAMS	$32.5\ K^- p \to$ $\eta\eta(\Lambda/\Sigma^0)$
$0.11\ \pm0.04$			[29] PROKOSHKIN 91		GAM4	$300\ \pi^- p \to \pi^- p\eta\eta$
• • • We do not use the following data for averages, fits, limits, etc. • • •						
< 0.14	90		BARBERIS	00E		$450\ pp \to p_f\eta\eta p_s$
< 0.50			BARNES	67	HBC	$4.6, 5.0\ K^- p$

[28] Using the compilation of the cross sections for $f_2'(1525)$ production in $K^- p$ collisions from ASTON 88D.

[29] Combining results of GAM4 with those of WA76 on $K\overline{K}$ central production and results of CBAL, MRK3 and DM2 on $J/\psi \to \gamma\eta\eta$.

$\Gamma(\pi\pi)/\Gamma_{\text{total}}$ $\qquad\qquad$ Γ_3/Γ

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
0.0082±0.0016 OUR FIT					
0.0075±0.0016 OUR AVERAGE					
$0.007\ \pm0.002$		COSTA...	80	OMEG	$10\ \pi^- p \to K^+ K^- n$
$0.027\ ^{+0.071}_{-0.013}$		[30] GORLICH	80	ASPK	$17, 18\ \pi^- p$
0.0075 ± 0.0025		[30,31] MARTIN	79	RVUE	
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<0.06	95	AGUILAR-...	81B	HBC	$4.2\ K^- p \to \Lambda K^+ K^-$
$0.19\ \pm0.03$		CORDEN	79	OMEG	$12\text{--}15\ \pi^- p \to \pi^+\pi^- n$
<0.045	95	BARREIRO	77	HBC	$4.15\ K^- p \to \Lambda K^0_S K^0_S$
$0.012\ \pm0.004$		[30] PAWLICKI	77	SPEC	$6\ \pi N \to K^+ K^- N$
<0.063	90	BRANDENB...	76C	ASPK	$13\ K^- p \to K^+ K^- (\Lambda,\Sigma)$
<0.0086		[30] BEUSCH	75B	OSPK	$8.9\ \pi^- p \to K^0\overline{K}^0 n$

[30] Assuming that the $f_2'(1525)$ is produced by an one-pion exchange production mechanism.

[31] MARTIN 79 uses the PAWLICKI 77 data with different input value of the $f_2'(1525) \to K\overline{K}$ branching ratio.

$\Gamma(\pi\pi)/\Gamma(K\overline{K})$ $\qquad\qquad$ Γ_3/Γ_1

VALUE	DOCUMENT ID		TECN	COMMENT
0.0092±0.0018 OUR FIT				
$0.075\ \pm0.035$	AUGUSTIN	87	DM2	$J/\psi \to \gamma\pi^+\pi^-$

$\left[\Gamma(K\overline{K}^*(892)+\text{c.c.}) + \Gamma(\pi K\overline{K})\right]/\Gamma(K\overline{K})$ $\qquad$ $(\Gamma_4+\Gamma_5)/\Gamma_1$

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<0.35	95	AGUILAR-...	72B	HBC	$3.9, 4.6\ K^- p$
<0.4	67	AMMAR	67	HBC	

$\Gamma(\pi\pi\eta)/\Gamma(K\overline{K})$ $\qquad\qquad$ Γ_6/Γ_1

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<0.41	95	AGUILAR-...	72B	HBC	$3.9, 4.6\ K^- p$
<0.3	67	AMMAR	67	HBC	

$\Gamma(\pi^+\pi^+\pi^-\pi^-)/\Gamma(K\overline{K})$ $\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ Γ_7/Γ_1

VALUE	CL%	DOCUMENT ID	TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •			
<0.32	95	AGUILAR-... 72B	HBC	3.9,4.6 K^-p

$f_2'(1525)$ REFERENCES

BINON	07	PAN 70 1713	F. Binon *et al.*	(GAMS Collab.)
		Translated from YAF 70 1758.		
AMSLER	06	PL B639 165	C. Amsler *et al.*	(CBAR Collab.)
SCHEGELSKY	06A	EPJ A27 207	V.A. Schegelsky *et al.*	
ABLIKIM	05	PL B607 243	M. Ablikim *et al.*	(BES Collab.)
ABE	04	EPJ C32 323	K. Abe *et al.*	(BELLE Collab.)
CHEKANOV	04	PL B578 33	S. Chekanov *et al.*	(ZEUS Collab.)
BAI	03G	PR D68 052003	J.Z. Bai *et al.*	(BES Collab.)
TIKHOMIROV	03	PAN 66 828	G.D. Tikhomirov *et al.*	
		Translated from YAF 66 860.		
AMSLER	02	EPJ C23 29	C. Amsler *et al.*	
ACCIARRI	01H	PL B501 173	M. Acciarri *et al.*	(L3 Collab.)
BARBERIS	00E	PL B479 59	D. Barberis *et al.*	(WA 102 Collab.)
BARBERIS	99	PL B453 305	D. Barberis *et al.*	(Omega Expt.)
BARKOV	99	JETPL 70 248	B.P. Barkov *et al.*	
		Translated from ZETFP 70 242.		
ABREU	96C	PL B379 309	P. Abreu *et al.*	(DELPHI Collab.)
BAI	96C	PRL 77 3959	J.Z. Bai *et al.*	(BES Collab.)
ACCIARRI	95J	PL B363 118	M. Acciarri *et al.*	(L3 Collab.)
PROKOSHKIN	91	SPD 36 155	Y.D. Prokoshkin	(GAM2, GAM4 Collab.)
		Translated from DANS 316 900.		
ALBRECHT	90G	ZPHY C48 183	H. Albrecht *et al.*	(ARGUS Collab.)
PDG	90	PL B239 1	J.J. Hernandez *et al.*	(IFIC, BOST, CIT+)
BEHREND	89C	ZPHY C43 91	H.J. Behrend *et al.*	(CELLO Collab.)
ASTON	88D	NP B301 525	D. Aston *et al.*	(SLAC, NAGO, CINC, INUS)
AUGUSTIN	88	PRL 60 2238	J.E. Augustin *et al.*	(DM2 Collab.)
BERGER	88	ZPHY C37 329	C. Berger *et al.*	(PLUTO Collab.)
FALVARD	88	PR D38 2706	A. Falvard *et al.*	(CLER, FRAS, LALO+)
AUGUSTIN	87	ZPHY C36 369	J.E. Augustin *et al.*	(LALO, CLER, FRAS+)
BALTRUSAIT...	87	PR D35 2077	R.M. Baltrusaitis *et al.*	(Mark III Collab.)
AIHARA	86B	PRL 57 404	H. Aihara *et al.*	(TPC-2γ Collab.)
BOLONKIN	86	SJNP 43 776	B.V. Bolonkin *et al.*	(ITEP) JP
		Translated from YAF 43 1211.		
LONGACRE	86	PL B177 223	R.S. Longacre *et al.*	(BNL, BRAN, CUNY+)
ALTHOFF	83	PL 121B 216	M. Althoff *et al.*	(TASSO Collab.)
ARMSTRONG	83B	NP B224 193	T.A. Armstrong *et al.*	(BARI, BIRM, CERN+)
AGUILAR-...	81B	ZPHY C8 313	M. Aguilar-Benitez *et al.*	(CERN, CDEF+)
ALHARRAN	81	NP B191 26	S. Al-Harran *et al.*	(BIRM, CERN, GLAS+)
CHABAUD	81	APP B12 575	V. Chabaud *et al.*	(CERN, CRAC, MPIM)
COSTA...	80	NP B175 402	G. Costa de Beauregard *et al.*	(BARI, BONN+)
GORLICH	80	NP B174 16	L. Gorlich *et al.*	(CRAC, MPIM, CERN+)
CORDEN	79	NP B157 250	M.J. Corden *et al.*	(BIRM, RHEL, TELA+) JP
MARTIN	79	NP B158 520	A.D. Martin, E.N. Ozmutlu	(DURH)
POLYCHRO...	79	PR D19 1317	V.A. Polychronakos *et al.*	(NDAM, ANL)
BARREIRO	77	NP B121 237	F. Barreiro *et al.*	(CERN, AMST, NIJM+)
EVANGELIS...	77	NP B127 384	C. Evangelista *et al.*	(BARI, BONN, CERN+)
PAWLICKI	77	PR D15 3196	A.J. Pawlicki *et al.*	(ANL) IJP
BRANDENB...	76C	NP B104 413	G.W. Brandenburg *et al.*	(SLAC)
BEUSCH	75B	PL 60B 101	W. Beusch *et al.*	(CERN, ETH)
AGUILAR-...	72B	PR D6 29	M. Aguilar-Benitez *et al.*	(BNL)
AMMAR	67	PRL 19 1071	R. Ammar *et al.*	(NWES, ANL) JP
BARNES	67	PRL 19 964	V.E. Barnes *et al.*	(BNL, SYRA) IJPC
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