$$I^{G}(J^{PC}) = 0^{+}(1^{+})$$

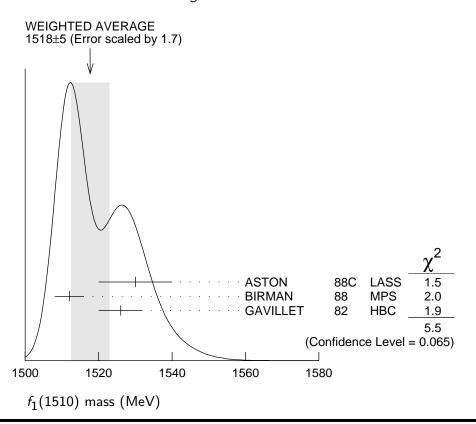
OMITTED FROM SUMMARY TABLE See the minireview under $\eta(1405)$.

$f_1(1510)$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
1518± 5 OUR	AVERAGE	Error includes so		7. See the ideogram below.
1530 ± 10		ASTON	88C LASS	11 $K^- p \rightarrow K_S^0 K^{\pm} \pi^{\mp} \Lambda$
$1512\pm~4$	600	$^{ m 1}$ BIRMAN	88 MPS	$8 \pi^- p \rightarrow K^+ \overline{K}{}^0 \pi^- n$
$1526\pm~6$	271	GAVILLET	82 HBC	4.2 $K^- p \rightarrow \Lambda K K \pi$
 • We do not use the following data for averages, fits, limits, etc. • • 				
		2 5 4 1 1 5 5		* O O

 ~ 1525 ² BAUER **93**B

 $^{^1}$ From partial wave analysis of $K^+\overline{K}{}^0\,\pi^-$ state. 2 Not seen by AIHARA 88C in the $K_S^0\,K^\pm\,\pi^\mp$ final state.



$f_1(1510)$ WIDTH

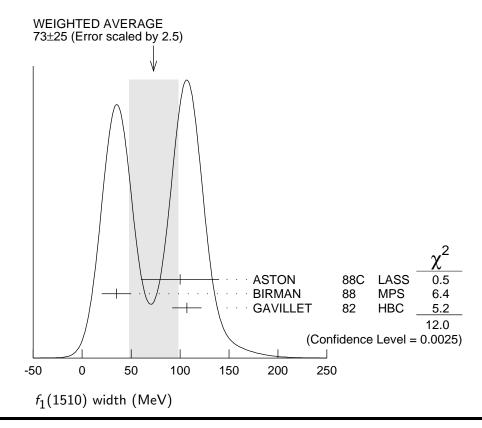
VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
73±25 OUR AVE	RAGE Erro	or includes scale	factor of 2.5.	See the ideogram below.
$100\!\pm\!40$		ASTON	88C LASS	11 $K^- p \rightarrow K_S^0 K^{\pm} \pi^{\mp} \Lambda$
$35\!\pm\!15$	600	³ BIRMAN	88 MPS	$8 \pi^- p \rightarrow K^+ \overline{K}{}^0 \pi^- n$
$107\!\pm\!15$	271	GAVILLET	82 HBC	4.2 $K^-p \rightarrow \Lambda K K \pi$

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 3 From partial wave analysis of $K^+\overline{K}^0\pi^-$ state.



$f_1(1510)$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
_	$K\overline{K}^*(892) + \text{c.c.}$	seen
Γ_2	$\pi^+\pi^-\eta'$	seen

$f_1(1510)$ BRANCHING RATIOS

$\Gamma(\pi^+\pi^-\eta')/\Gamma_{\sf total}$					Γ_2/Γ
<u>VALUE</u>	<u>EVTS</u>	DOCUMENT ID		TECN	COMMENT
seen	230	ABLIKIM	11 C	BES3	$J/\psi \rightarrow \gamma \pi^+ \pi^- \eta'$

$f_1(1510)$ REFERENCES

ABLIKIM	11C	PRL 106 072002	M. Ablikim et al.	(BES III Collab.)
BAUER	93B	PR D48 3976	D.A. Bauer et al.	(SLAC)
AIHARA	88C	PR D38 1	H. Aihara <i>et al.</i>	(TPC-2 γ Čollab.)
ASTON	88C	PL B201 573	D. Aston et al.	(SLAC, NAGO, CINC, INUS) JP
BIRMAN	88	PRL 61 1557	A. Birman <i>et al.</i>	(BNL, FSU, IND, MASD) JP
GAVILLET	82	ZPHY C16 119	P. Gavillet et al.	(CERN, CDEF, PADO+)

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