$f_2(2340)$

$I^G(J^{PC}) = 0^+(2^{++})$

$f_2(2340)$ MASS

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
2339±55	[1] ETKIN	88	MPS	22 $\pi^- p \to \phi\phi n$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
2392±10	BOOTH	86	OMEG	85 π^- Be $\to 2\phi$ Be
2360±20	LINDENBAUM	84	RVUE	

[1] Includes data of ETKIN 85. The percentage of the resonance going into $\phi\phi$ 2^{++} S_2, D_2, and D_0 is 37 ± 19, 4^{+12}_{-4}, and 59^{+21}_{-19}, respectively.

$f_2(2340)$ WIDTH

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
$\mathbf{319^{+\ 81}_{-\ 69}}$	[2] ETKIN	88	MPS	22 $\pi^- p \to \phi\phi n$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
198± 50	BOOTH	86	OMEG	85 π^- Be $\to 2\phi$ Be
$150^{+150}_{-\ 50}$	LINDENBAUM	84	RVUE	

[2] Includes data of ETKIN 85.

$f_2(2340)$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	$\phi\phi$	seen

$f_2(2340)$ REFERENCES

ETKIN	88	PL B201 568	A. Etkin *et al.*	(BNL, CUNY)
BOOTH	86	NP B273 677	P.S.L. Booth *et al.*	(LIVP, GLAS, CERN)
ETKIN	85	PL 165B 217	A. Etkin *et al.*	(BNL, CUNY)
LINDENBAUM	84	CNPP 13 285	S.J. Lindenbaum	(CUNY)

OTHER RELATED PAPERS

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ANISOVICH	05A	JETPL 81 417 Translated from ZETFP 81 531.	V.V. Anisovich, A.V. Sarantsev	
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LANDBERG	96	PR D53 2839	C. Landberg *et al.*	(BNL, CUNY, RPI)
GREEN	86	PRL 56 1639	D.R. Green *et al.*	(FNAL, ARIZ, FSU+)
BOOTH	84	NP B242 51	P.S.L. Booth *et al.*	(LIVP, GLAS, CERN)
EISENHAND...	75	NP B96 109	E. Eisenhandler *et al.*	(LOQM, LIVP, DARE+)