

$f_2(2340)$

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

See also the mini-review under non- $q\bar{q}$ candidates. (See the index for the page number.) **$f_2(2340)$ MASS**

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

¹Includes 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
319⁺⁸¹₋₆₉	² ETKIN	88 MPS	22 $\pi^- p \rightarrow \phi\phi n$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
198±50	BOOTH	86 OMEG	85 $\pi^- Be \rightarrow 2\phi Be$
150 ⁺¹⁵⁰ ₋₅₀	LINDENBAUM	84 RVUE	

²Includes data of ETKIN 85.

 $f_2(2340)$ DECAY MODES

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \phi\phi$	seen

 $f_2(2340)$ REFERENCES

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

OTHER RELATED PAPERS

BOLONKIN	00	JETPL 72 166	B.V. Bolonkin <i>et al.</i>	
		Translated from ZETFP 72 240.		
ANISOVICH	99D	PL B452 180	A.V. Anisovich <i>et al.</i>	
Also	99F	NP A651 253	A.V. Anisovich <i>et al.</i>	
ANISOVICH	99F	NP A651 253	A.V. Anisovich <i>et al.</i>	
LANDBERG	96	PR D53 2839	C. Landberg <i>et al.</i>	(BNL, CUNY, RPI)
ARMSTRONG	89B	PL B221 221	T.A. Armstrong <i>et al.</i>	(CERN, CDEF, BIRM+)
GREEN	86	PRL 56 1639	D.R. Green <i>et al.</i>	(FNAL, ARIZ, FSU+)
BOOTH	84	NP B242 51	P.S.L. Booth <i>et al.</i>	(LIVP, GLAS, CERN)
EISENHAND...	75	NP B96 109	E. Eisenhandler <i>et al.</i>	(LOQM, LIVP, DARE+)