$f_0(2100)$

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

OMITTED FROM SUMMARY TABLE

Needs confirmation.

$f_0(2100)$ MASS

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
2103± 8 OUR AVERAGE					
2102±13		[1] ANISOVICH	00J	SPEC	2.0 $\overline{p}p \rightarrow \eta\pi^0\pi^0, \pi^0\pi^0, \eta\eta, \eta\eta', \pi^+\pi^-$
2090±30		BAI	00A	BES	$J/\psi \rightarrow \gamma(\pi^+\pi^-\pi^+\pi^-)$
2105±10		ANISOVICH	99K	SPEC	0.6–1.94 $\overline{p}p \rightarrow \eta\eta, \eta\eta'$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
2105± 8	80k	[2] UMAN	06	E835	5.2 $\overline{p}p \rightarrow \eta\eta\pi^0$
~ 2104		BUGG	95		$J/\psi \rightarrow \gamma\pi^+\pi^-\pi^+\pi^-$

[1] Includes the data of ANISOVICH 00B.
[2] Statistical error only.

$f_0(2100)$ WIDTH

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
209± 19 OUR AVERAGE					
211± 29		[3] ANISOVICH	00J	SPEC	2.0 $\overline{p}p \rightarrow \eta\pi^0\pi^0, \pi^0\pi^0, \eta\eta, \eta\eta', \pi^+\pi^-$
330±100		BAI	00A	BES	$J/\psi \rightarrow \gamma(\pi^+\pi^-\pi^+\pi^-)$
200± 25		ANISOVICH	99K	SPEC	0.6–1.94 $\overline{p}p \rightarrow \eta\eta, \eta\eta'$
• • • We do not use the following data for averages, fits, limits, etc. • • •					
236± 14	80k	[4] UMAN	06	E835	5.2 $\overline{p}p \rightarrow \eta\eta\pi^0$
~ 203		BUGG	95		$J/\psi \rightarrow \gamma\pi^+\pi^-\pi^+\pi^-$

[3] Includes the data of ANISOVICH 00B.
[4] Statistical error only.

$f_0(2100)$ REFERENCES

UMAN	06	PR D73 052009	I. Uman *et al.*	(FNAL E835)
ANISOVICH	00B	NP A662 319	A.V. Anisovich *et al.*	
ANISOVICH	00J	PL B491 47	A.V. Anisovich *et al.*	
BAI	00A	PL B472 207	J.Z. Bai *et al.*	(BES Collab.)
ANISOVICH	99K	PL B468 309	A.V. Anisovich *et al.*	
BUGG	95	PL B353 378	D.V. Bugg *et al.*	(LOQM, PNPI, WASH)

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