

$f_0(2100)$

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

OMITTED FROM SUMMARY TABLE

Needs confirmation.

$f_0(2100)$ MASS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
2103 ± 7 OUR AVERAGE			
2105 ± 15	ANISOVICH	00B SPEC	
2102 ± 13	ANISOVICH	00J SPEC	2.0 $\bar{p}p \rightarrow \eta\pi^0\pi^0$, $\pi^0\pi^0$, $\eta\eta$, $\eta\eta'$, $\pi^+\pi^-$
2090 ± 30	BAI	00A BES	$J/\psi \rightarrow$ $\gamma(\pi^+\pi^-\pi^+\pi^-)$
2105 ± 10	ANISOVICH	99K SPEC	0.6–1.94 $\bar{p}p \rightarrow \eta\eta$, $\eta\eta'$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
~ 2104	BUGG	95	

$f_0(2100)$ WIDTH

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
206 ± 15 OUR AVERAGE			
200 ± 25	ANISOVICH	00B SPEC	
211 ± 29	ANISOVICH	00J SPEC	2.0 $\bar{p}p \rightarrow \eta\pi^0\pi^0$, $\pi^0\pi^0$, $\eta\eta$, $\eta\eta'$, $\pi^+\pi^-$
330 ± 100	BAI	00A BES	$J/\psi \rightarrow$ $\gamma(\pi^+\pi^-\pi^+\pi^-)$
200 ± 25	ANISOVICH	99K SPEC	0.6–1.94 $\bar{p}p \rightarrow \eta\eta$, $\eta\eta'$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
~ 203	BUGG	95	

$f_0(2100)$ REFERENCES

ANISOVICH	00B	NP A662 319	A.V. Anisovich <i>et al.</i>	
ANISOVICH	00J	PL B491 47	A.V. Anisovich <i>et al.</i>	
BAI	00A	PL B472 207	J.Z. Bai <i>et al.</i>	(BES Collab.)
ANISOVICH	99K	PL B468 309	A.V. Anisovich <i>et al.</i>	
BUGG	95	PL B353 378	D.V. Bugg <i>et al.</i>	(LOQM, PNPI, WASH)

OTHER RELATED PAPERS

VIJANDE	05	PR D72 034025	J. Vijande, A. Valarce, F. Fernandez
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