

# $f_0(2200)$

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

OMITTED FROM SUMMARY TABLE

Seen at DCI in the  $K_S^0 K_S^0$  system. Not seen in  $\Upsilon$  radiative decays (BARU 89). Needs confirmation.

## $f_0(2200)$ MASS

VALUE (MeV)	DOCUMENT ID	TECN	CHG	COMMENT
<b>2197 ± 17</b>	<sup>1</sup> AUGUSTIN	88	DM2	0 $J/\psi \rightarrow \gamma K_S^0 K_S^0$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●				
~ 2122	HASAN	94	RVUE	$\bar{p}p \rightarrow \pi\pi$
~ 2321	HASAN	94	RVUE	$\bar{p}p \rightarrow \pi\pi$
<sup>1</sup> Cannot determine spin to be 0.				

## $f_0(2200)$ WIDTH

VALUE (MeV)	DOCUMENT ID	TECN	CHG	COMMENT
<b>201 ± 51</b>	<sup>2</sup> AUGUSTIN	88	DM2	0 $J/\psi \rightarrow \gamma K_S^0 K_S^0$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●				
~ 273	HASAN	94	RVUE	$\bar{p}p \rightarrow \pi\pi$
~ 223	HASAN	94	RVUE	$\bar{p}p \rightarrow \pi\pi$
<sup>2</sup> Cannot determine spin to be 0.				

## $f_0(2200)$ REFERENCES

HASAN	94	PL B334 215	A. Hasan, D.V. Bugg	(LOQM)
BARU	89	ZPHY C42 505	S.E. Baru <i>et al.</i>	(NOVO)
AUGUSTIN	88	PRL 60 2238	J.E. Augustin <i>et al.</i>	(DM2 Collab.)

## OTHER RELATED PAPERS

EISENHAND...	75	NP B96 109	E. Eisenhandler <i>et al.</i>	(LOQM, LIVP, DARE+)
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