

$f_0(2020)$

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

OMITTED FROM SUMMARY TABLE

Needs confirmation.

$f_0(2020)$ MASS

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
2020 ± 35	BARBERIS	97B OMEG	450 $p p \rightarrow p p 2(\pi^+ \pi^-)$
• • • We do not use the following data for averages, fits, limits, etc. • • •			
2010 ± 60	ALDE	98 GAM4	100 $\pi^- p \rightarrow \pi^0 \pi^0 n$

$f_0(2020)$ WIDTH

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
410 ± 50	BARBERIS	97B OMEG	450 $p p \rightarrow p p 2(\pi^+ \pi^-)$
• • • We do not use the following data for averages, fits, limits, etc. • • •			
240 ± 100	ALDE	98 GAM4	100 $\pi^- p \rightarrow \pi^0 \pi^0 n$

$f_0(2020)$ DECAY MODES

Mode	Fraction (Γ_i/Γ)
Γ_1 $\rho \pi \pi$	seen
Γ_2 $\pi^0 \pi^0$	seen

$f_0(2020)$ REFERENCES

ALDE	98	EPJ A3 361	D. Alde <i>et al.</i>	(GAM4 Collab.)
Also	99	PAN 62 405	D. Alde <i>et al.</i>	(GAMS Collab.)
BARBERIS	97B	PL B413 217	D. Barberis <i>et al.</i>	(WA102 Collab.)