

**$f_0(2060)$** 

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

OMITTED FROM SUMMARY TABLE

Needs confirmation.

 **$f_0(2060)$  MASS**

<u>VALUE</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
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● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●

~ 2050	<sup>1</sup> OAKDEN	94	RVUE 0.36–1.55 $\bar{p}p \rightarrow \pi\pi$
~ 2060	<sup>2</sup> OAKDEN	94	RVUE 0.36–1.55 $\bar{p}p \rightarrow \pi\pi$

<sup>1</sup> From solution A of amplitude analysis of data on  $\bar{p}p \rightarrow \pi\pi$  See however KLOET 96 who fit  $\pi^+\pi^-$  only and find waves only up to  $J = 3$  to be important but not significantly resonant.

<sup>2</sup> From solution B of amplitude analysis of data on  $\bar{p}p \rightarrow \pi\pi$  See however KLOET 96 who fit  $\pi^+\pi^-$  only and find waves only up to  $J = 3$  to be important but not significantly resonant.

 **$f_0(2060)$  WIDTH**

<u>VALUE</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
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● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●

~ 120	<sup>3</sup> OAKDEN	94	RVUE 0.36–1.55 $\bar{p}p \rightarrow \pi\pi$
~ 50	<sup>4</sup> OAKDEN	94	RVUE 0.36–1.55 $\bar{p}p \rightarrow \pi\pi$

<sup>3</sup> From solution A of amplitude analysis of data on  $\bar{p}p \rightarrow \pi\pi$  See however KLOET 96 who fit  $\pi^+\pi^-$  only and find waves only up to  $J = 3$  to be important but not significantly resonant.

<sup>4</sup> From solution B of amplitude analysis of data on  $\bar{p}p \rightarrow \pi\pi$  See however KLOET 96 who fit  $\pi^+\pi^-$  only and find waves only up to  $J = 3$  to be important but not significantly resonant.

 **$f_0(2060)$  DECAY MODES**

Mode	Fraction ( $\Gamma_i/\Gamma$ )
$\Gamma_1 \quad \pi^+\pi^-$	seen

 **$f_0(2060)$  REFERENCES**

KLOET	96	PR D53 6120	+Myhrer	(RUTG, NORD)
OAKDEN	94	NPA 574 731	+Pennington	(DURH)