

# a<sub>2</sub>(1750)

$$I^G(J^{PC}) = 1^-(2^{++})$$

OMITTED FROM SUMMARY TABLE

## a<sub>2</sub>(1750) MASS

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
<b>1752 ± 21 ± 4</b>	ACCIARRI	97T L3	$\gamma\gamma \rightarrow \pi^+\pi^-\pi^0$
••• We do not use the following data for averages, fits, limits, etc. •••			
~ 1775	<sup>1</sup> GRYGOREV	99 SPEC	40 $\pi^- p \rightarrow K_S^0 K_S^0 n$
<sup>1</sup> Possibly two $J^P = 2^+$ resonances with isospins 0 and 1.			

## a<sub>2</sub>(1750) WIDTH

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
<b>150 ± 110 ± 34</b>	ACCIARRI	97T L3	$\gamma\gamma \rightarrow \pi^+\pi^-\pi^0$

## a<sub>2</sub>(1750) DECAY MODES

Mode
$\Gamma_1$ $\gamma\gamma$
$\Gamma_2$ $\rho\pi$
$\Gamma_3$ $f_2(1270)\pi$

## a<sub>2</sub>(1750) $\Gamma(i)\Gamma(\gamma\gamma)/\Gamma(\text{total})$

VALUE (keV)	DOCUMENT ID	TECN	COMMENT
<b>0.29 ± 0.04 ± 0.02</b>	ACCIARRI	97T L3	$\gamma\gamma \rightarrow \pi^+\pi^-\pi^0$

$[\Gamma(\rho\pi) + \Gamma(f_2(1270)\pi)] \times \Gamma(\gamma\gamma)/\Gamma_{\text{total}}$ 
 $(\Gamma_2 + \Gamma_3)\Gamma_1/\Gamma$

## a<sub>2</sub>(1750) REFERENCES

GRYGOREV	99	PAN 62 470	V.K. Grygorev <i>et al.</i>
		Translated from YAF 62 513.	
ACCIARRI	97T	PL B413 147	M. Acciarri <i>et al.</i> <span style="float: right;">(L3 Collab.)</span>