

$\Delta(2750) 13/2^-$ 

$$I(J^P) = \frac{3}{2}(\frac{13}{2}^-) \text{ Status: } **$$

OMITTED FROM SUMMARY TABLE

The latest GWU analysis (ARNDT 06) finds no evidence for this resonance.

 **$\Delta(2750)$  BREIT-WIGNER MASS**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b><math>\approx 2750</math> OUR ESTIMATE</b>			
2794 $\pm$ 80	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
2650 $\pm$ 100	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

 **$\Delta(2750)$  BREIT-WIGNER WIDTH**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
350 $\pm$ 100	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
500 $\pm$ 100	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

 **$\Delta(2750)$  DECAY MODES**

Mode
$\Gamma_1 \quad N\pi$

 **$\Delta(2750)$  BRANCHING RATIOS**

$\Gamma(N\pi)/\Gamma_{\text{total}}$	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	$\Gamma_1/\Gamma$
4.0 $\pm$ 1.5	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$	
5 $\pm$ 1	HENDRY	78	MPWA $\pi N \rightarrow \pi N$	

 **$\Delta(2750)$  REFERENCES**

ARNDT	06	PR C74 045205	R.A. Arndt <i>et al.</i>	(GWU)
HOEHLER	79	PDAT 12-1	G. Hohler <i>et al.</i>	(KARLT) IJP
Also		Toronto Conf. 3	R. Koch	(KARLT) IJP
HENDRY	78	PRL 41 222	A.W. Hendry	(IND, LBL) IJP
Also		ANP 136 1	A.W. Hendry	(IND)