

# $\Delta(2750) \ I_{3,13}$

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

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

<u>Mode</u>
$\Gamma_1 \ N\pi$

## $\Delta(2750)$ BRANCHING RATIOS

<u><math>\Gamma(N\pi)/\Gamma_{\text{total}}</math></u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	<u><math>\Gamma_1/\Gamma</math></u>
0.04 $\pm$ 0.015	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$	
0.05 $\pm$ 0.01	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)