

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

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

OMITTED FROM SUMMARY TABLE

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

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

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

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

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

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

Mode
$\Gamma_1 N\pi$

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

$\Gamma(N\pi)/\Gamma_{\text{total}}$	DOCUMENT ID	TECN	COMMENT	$\Gamma_1/\Gamma$
$4.0 \pm 1.5$	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)