

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

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

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
≈ 2750 OUR ESTIMATE			
2794 ± 80	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
2650 ± 100	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

$\Delta(2750)$ BREIT-WIGNER WIDTH

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

$\Delta(2750)$ DECAY MODES

Mode
$\Gamma_1 \quad N\pi$

$\Delta(2750)$ BRANCHING RATIOS

$\Gamma(N\pi)/\Gamma_{\text{total}}$	DOCUMENT ID	TECN	COMMENT	Γ_1/Γ
VALUE (%)				
4.0 ± 1.5	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$	
5 ± 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)