

$N(2700) 13/2^+$

$$I(J^P) = \frac{1}{2}(\frac{13}{2}^+) \text{ Status: } **$$

OMITTED FROM SUMMARY TABLE

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

$N(2700)$ BREIT-WIGNER MASS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
≈ 2700 OUR ESTIMATE			
2612 ± 45	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
3000 ± 100	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

$N(2700)$ BREIT-WIGNER WIDTH

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
350 ± 50	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
900 ± 150	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

$N(2700)$ DECAY MODES

Mode
$\Gamma_1 \quad N\pi$

$N(2700)$ BRANCHING RATIOS

$\Gamma(N\pi)/\Gamma_{\text{total}}$	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	Γ_1/Γ
4 ± 1	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$	
7 ± 2	HENDRY	78	MPWA $\pi N \rightarrow \pi N$	

$N(2700)$ 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)