

$N(2600) I_{1,11}$

$$I(J^P) = \frac{1}{2} \left(\frac{11}{2}^- \right) \text{Status: } ***$$

$N(2600)$ BREIT-WIGNER MASS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
2550 to 2750 (≈ 2600) OUR ESTIMATE			
2577 \pm 50	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
2700 \pm 100	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

$N(2600)$ BREIT-WIGNER WIDTH

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
500 to 800 (≈ 650) OUR ESTIMATE			
400 \pm 100	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
900 \pm 100	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

$N(2600)$ DECAY MODES

Mode	Fraction (Γ_i/Γ)
Γ_1 $N\pi$	5–10 %

$N(2600)$ BRANCHING RATIOS

$\Gamma(N\pi)/\Gamma_{\text{total}}$	Γ_1/Γ		
<u>VALUE</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
0.05 to 0.1 OUR ESTIMATE			
0.05 \pm 0.01	HOEHLER	79	IPWA $\pi N \rightarrow \pi N$
0.08 \pm 0.02	HENDRY	78	MPWA $\pi N \rightarrow \pi N$

$N(2600)$ REFERENCES

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)