

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

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

$N(2600)$ 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

<u>Mode</u>	<u>Fraction (Γ_i/Γ)</u>
Γ_1 $N\pi$	5-10 %

$N(2600)$ BRANCHING RATIOS

<u>$\Gamma(N\pi)/\Gamma_{\text{total}}$</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	<u>Γ_1/Γ</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	+Kaiser, Koch, Pietarinen	(KARLT) IJP
Also	80	Toronto Conf. 3	Koch	(KARLT) IJP
HENDRY	78	PRL 41 222		(IND, LBL) IJP
Also	81	ANP 136 1	Hendry	(IND)