

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

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

N(2600) BREIT-WIGNER MASS

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
2550 to 2750 (\approx 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

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
500 to 800 (\approx 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)
$\Gamma_1 \ N\pi$	5-10 %

N(2600) BRANCHING RATIOS

$\Gamma(N\pi)/\Gamma_{\text{total}}$	DOCUMENT ID	TECN	COMMENT	Γ_1/Γ
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)