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

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

$N(2600)$ BREIT-WIGNER MASS

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

$N(2600)$ BREIT-WIGNER WIDTH

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
500 to 800 (≈ 650) OUR ESTIMATE				
400±100	HOEHLER	79	IPWA	$\pi N \rightarrow \pi N$
900±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

$\Gamma(N\pi)/\Gamma_{total}$ Γ_1/Γ

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
0.05 to 0.1 OUR ESTIMATE				
0.05±0.01	HOEHLER	79	IPWA	$\pi N \rightarrow \pi N$
0.08±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)