NODE=B120

$N(2600)\ 11/2^-$

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

N(2600) BREIT-WIGNER MASS

NODE=B120M

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
2550 to 2750 (≈ 2600) OUR ESTIMATE				
2623±197	ARNDT	06	DPWA	$\pi N \to \pi N, \eta N$
2577± 50	HOEHLER	79	IPWA	$\pi N \to \pi N$

NODE=B120M

→ UNCHECKED ←

N(2600) BREIT-WIGNER WIDTH

NODE=B120W

VALUE (MeV)	DOCUMENT ID		TECN	COMMENT
500 to 800 (≈ 650) OUR ESTIMATE				
1311±996	ARNDT	06	DPWA	$\pi N \to \pi N, \eta N$
400±100	HOEHLER	79	IPWA	$\pi N \to \pi N$

NODE=B120W

→ UNCHECKED ←

N(2600) DECAY MODES

NODE=B120215;NODE=B120

	Mode	Fraction (Γ_i/Γ)
Γ_1	$N\pi$	3–8 %

DESIG=1;OUR EST

N(2600) BRANCHING RATIOS

NODE=B120220

$\Gamma(N\pi)/\Gamma_{total}$ **Γ_1/Γ**

NODE=B120R1
NODE=B120R1

VALUE (%)	DOCUMENT ID		TECN	COMMENT
3 to 8 (≈ 5) OUR ESTIMATE				
5.0±1.8	ARNDT	06	DPWA	$\pi N \to \pi N, \eta N$
5 ±1	HOEHLER	79	IPWA	$\pi N \to \pi N$

→ UNCHECKED ←

N(2600) REFERENCES

NODE=B120

ARNDT	06	PR C74 045205	R.A. Arndt *et al.*	(GWU)
HOEHLER	79	PDAT 12-1	G. Hohler *et al.*	(KARLT) IJP
Also		Toronto Conf. 3	R. Koch	(KARLT) IJP

REFID=51535
REFID=30058
REFID=30859