

$N(1900) P_{13}$

 $I(J^P) = \frac{1}{2}(\frac{3}{2}^+)$ Status: **

OMITTED FROM SUMMARY TABLE

N(1900) BREIT-WIGNER MASS

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
≈ 1900 OUR ESTIMATE 1879 ± 17	MANLEY	92 IPWA	$\pi N \rightarrow \pi N$ & $N\pi\pi$

N(1900) BREIT-WIGNER WIDTH

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
498 ± 78	MANLEY	92 IPWA	$\pi N \rightarrow \pi N$ & $N\pi\pi$

N(1900) DECAY MODES

Mode
Γ_1 $N\pi$
Γ_2 $N\pi\pi$
Γ_3 $N\rho, S = 1/2, P$ -wave

N(1900) BRANCHING RATIOS

$\Gamma(N\pi)/\Gamma_{\text{total}}$	DOCUMENT ID	TECN	COMMENT	Γ_1/Γ
0.26 ± 0.06	MANLEY	92 IPWA	$\pi N \rightarrow \pi N$ & $N\pi\pi$	

$(\Gamma_i \Gamma_f)^{1/2}/\Gamma_{\text{total}}$ in $N\pi \rightarrow N(1900) \rightarrow N\rho, S = 1/2, P$ -wave	DOCUMENT ID	TECN	COMMENT	$(\Gamma_1 \Gamma_3)^{1/2}/\Gamma$
-0.34 ± 0.03	MANLEY	92 IPWA	$\pi N \rightarrow \pi N$ & $N\pi\pi$	

N(1900) REFERENCES

MANLEY	92	PR D45 4002	+Saleski	
Also	84	PR D30 904	Manley, Arndt, Goradia, Teplitz	(KENT) (VPI)
