

$N(1900)$

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	$\pi N \rightarrow \pi N \text{ \& } N \pi \pi$

N(1900) BREIT-WIGNER WIDTH				
VALUE (MeV)	DOCUMENT ID	TECN	COMMENT	
498 ± 78	MANLEY	92	IPWA	$\pi N \rightarrow \pi N \text{ \& } N \pi \pi$

N(1900) DECAY MODES				
Mode				
Γ_1	$N \pi$			
Γ_2	$N \pi \pi$			
Γ_3	$N \rho, S = 1/2, P\text{-wave}$			

N(1900) BRANCHING RATIOS				
$\Gamma(N\pi)/\Gamma_{\text{total}}$				Γ_1/Γ
VALUE	DOCUMENT ID	TECN	COMMENT	
0.26 ± 0.06	MANLEY	92	IPWA	$\pi N \rightarrow \pi N \text{ \& } N \pi \pi$
$(\Gamma_i \Gamma_f)^{1/2}/\Gamma_{\text{total}}$ in $N\pi \rightarrow N(1900) \rightarrow N\rho, S = 1/2, P\text{-wave}$				$(\Gamma_1 \Gamma_3)^{1/2}/\Gamma$
VALUE	DOCUMENT ID	TECN	COMMENT	
-0.34 ± 0.03	MANLEY	92	IPWA	$\pi N \rightarrow \pi N \text{ \& } N \pi \pi$

N(1900) REFERENCES				
MANLEY	92	PR D45 4002	D.M. Manley, E.M. Saleski	
Also	84	PR D30 904	D.M. Manley <i>et al.</i>	
			(KENT)	
			(VPI)	