$N(1900)\ P_{13}$

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

OMITTED FROM SUMMARY TABLE

N(1900) BREIT-WIGNER MASS

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

N(1900) BREIT-WIGNER WIDTH

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

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

$\Gamma(N\pi)/\Gamma_{\text{total}}$ $\qquad\Gamma_1/\Gamma$

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
0.26±0.06	MANLEY	92	IPWA	$\pi N \to \pi N$ & $N\pi\pi$

$(\Gamma_i\Gamma_f)^{1/2}/\Gamma_{\text{total}}$ in $N\pi \to N(1900) \to N\rho, S=1/2$, P-wave $\qquad(\Gamma_1\Gamma_3)^{1/2}/\Gamma$

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
−0.34±0.03	MANLEY	92	IPWA	$\pi N \to \pi N$ & $N\pi\pi$

N(1900) REFERENCES

MANLEY	92	PR D45 4002	D.M. Manley, E.M. Saleski	(KENT)
Also	84	PR D30 904	D.M. Manley *et al.*	(VPI)