$N(1900)\ P_{13}$

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

OMITTED FROM SUMMARY TABLE

$N(1900)$ MASS

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

$N(1900)$ 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

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

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

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

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

$N(1900)$ REFERENCES

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