

$N(1900) P_{13}$

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

OMITTED FROM SUMMARY TABLE

$N(1900)$ BREIT-WIGNER MASS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
≈ 1900 OUR ESTIMATE 1879 \pm 17	MANLEY	92	IPWA $\pi N \rightarrow \pi N$ & $N\pi\pi$

$N(1900)$ BREIT-WIGNER WIDTH

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
498 \pm 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

$\Gamma(N\pi)/\Gamma_{\text{total}}$	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	Γ_1/Γ
0.26 \pm 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	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	$(\Gamma_1\Gamma_3)^{1/2}/\Gamma$
-0.34 \pm 0.03	MANLEY	92	IPWA $\pi N \rightarrow \pi N$ & $N\pi\pi$	

$N(1900)$ REFERENCES

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