

**$N(1900) P_{13}$**

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

OMITTED FROM SUMMARY TABLE

**$N(1900)$  BREIT-WIGNER MASS**

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b><math>\approx 1900</math> OUR ESTIMATE</b> 1879±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±78	MANLEY	92	IPWA $\pi N \rightarrow \pi N$ & $N\pi\pi$

**$N(1900)$  DECAY MODES**

Mode
$\Gamma_1$ $N\pi$
$\Gamma_2$ $N\pi\pi$
$\Gamma_3$ $N\rho, S = 1/2, P\text{-wave}$

**$N(1900)$  BRANCHING RATIOS**

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

**$N(1900)$  REFERENCES**

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