$\rho(1900)$

$I^G(J^{PC}) = 1^+(1^{--})$

OMITTED FROM SUMMARY TABLE

See the mini-review under the $\rho(1700)$.

$\rho(1900)$ MASS

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
• • • We do not use the following data for averages, fits, limits, etc. • • •				
1910 ± 10	[1,2] FRABETTI	04	E687	$\gamma p \to 3\pi^+ 3\pi^- p$
1870 ± 10	ANTONELLI	96	SPEC	$e^+ e^- \to$ hadrons

[1] From a fit with two resonances with the JACOB 72 continuum.
[2] Supersedes FRABETTI 01.

$\rho(1900)$ WIDTH

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
• • • We do not use the following data for averages, fits, limits, etc. • • •				
37 ± 13	[3,4] FRABETTI	04	E687	$\gamma p \to 3\pi^+ 3\pi^- p$
10 ± 5	ANTONELLI	96	SPEC	$e^+ e^- \to$ hadrons

[3] From a fit with two resonances with the JACOB 72 continuum.
[4] Supersedes FRABETTI 01.

$\rho(1900)$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	6π	seen
Γ_2	$3\pi^+ 3\pi^-$	seen
Γ_3	hadrons	seen
Γ_4	$e^+ e^-$	seen
Γ_5	$\overline{N} N$	not seen

$\rho(1900)$ BRANCHING RATIOS

$\Gamma(6\pi)/\Gamma_{\text{total}}$ Γ_1/Γ

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
not seen	AGNELLO	02	OBLX	$\overline{n} p \to 3\pi^+ 2\pi^- \pi^0$
seen	FRABETTI	01	E687	$\gamma p \to 3\pi^+ 3\pi^- p$
seen	ANTONELLI	96	SPEC	$e^+ e^- \to$ hadrons

$\rho(1900)$ REFERENCES

FRABETTI	04	PL B578 290	P.L. Frabetti *et al.*	(FNAL E687 Collab.)
AGNELLO	02	PL B527 39	M. Agnello *et al.*	(OBELIX Collab.)
FRABETTI	01	PL B514 240	P.L. Frabetti *et al.*	(FNAL E687 Collab.)
ANTONELLI	96	PL B365 427	A. Antonelli *et al.*	(FENICE Collab.)
JACOB	72	PR D5 1847	M. Jacob, R. Slansky	

OTHER RELATED PAPERS

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PAGE	99	PR D59 034016	P.R. Page, E.S. Swanson, A.P. Szczepaniak	
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