

ρ(1900)

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

OMITTED FROM SUMMARY TABLE

See the mini-review under the ρ(1700).

ρ(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	$\gamma p \rightarrow 3\pi^+ 3\pi^- p$
1870 ± 10	ANTONELLI	96 SPEC	$e^+ e^- \rightarrow \text{hadrons}$
¹ From a fit with two resonances with the JACOB 72 continuum.			
² Supersedes FRABETTI 01.			

ρ(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	$\gamma p \rightarrow 3\pi^+ 3\pi^- p$
10 ± 5	ANTONELLI	96 SPEC	$e^+ e^- \rightarrow \text{hadrons}$
³ From a fit with two resonances with the JACOB 72 continuum.			
⁴ Supersedes FRABETTI 01.			

ρ(1900) DECAY MODES

Mode	Fraction (Γ _{<i>i</i>} /Γ)
Γ ₁ 6π	seen
Γ ₂ 3π ⁺ 3π ⁻	seen
Γ ₃ hadrons	seen
Γ ₄ e ⁺ e ⁻	seen
Γ ₅ $\bar{N} N$	not seen

ρ(1900) BRANCHING RATIOS

Γ(6π)/Γ _{total}	DOCUMENT ID	TECN	COMMENT	Γ ₁ /Γ
not seen	AGNELLO	02 OBLX	$\bar{n} p \rightarrow 3\pi^+ 2\pi^- \pi^0$	
seen	FRABETTI	01 E687	$\gamma p \rightarrow 3\pi^+ 3\pi^- p$	
seen	ANTONELLI	96 SPEC	$e^+ e^- \rightarrow \text{hadrons}$	

ρ(1900) REFERENCES

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

————— **OTHER RELATED PAPERS** —————

DATTA	03B	PL B567 273	A. Datta, P.J. O'Donnel
PAGE	99	PR D59 034016	P.R. Page, E.S. Swanson, A.P. Szczepaniak
CLEGG	90	ZPHY C45 677	A.B. Clegg, A. Donnachie (LANC, MCHS)
CASTRO	88	Preprint LAL-88-58	A. Castro <i>et al.</i> (DM2 Collab.)
