

$\rho(1900)$

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

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. ● ● ●			
$1911 \pm 4 \pm 1$	FRABETTI	01 E687	$\gamma p \rightarrow 3\pi^+ 3\pi^- p$
1870 ± 10	ANTONELLI	96 SPEC	$e^+ e^- \rightarrow$ hadrons

$\rho(1900)$ WIDTH

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
$29 \pm 11 \pm 4$	FRABETTI	01 E687	$\gamma p \rightarrow 3\pi^+ 3\pi^- p$
10 ± 5	ANTONELLI	96 SPEC	$e^+ e^- \rightarrow$ hadrons

$\rho(1900)$ 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 $\bar{N}N$	not seen

$\rho(1900)$ BRANCHING RATIOS

$\Gamma(6\pi)/\Gamma_{\text{total}}$	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	$e^+ e^- \rightarrow$ hadrons	

$\rho(1900)$ REFERENCES

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.)

OTHER RELATED PAPERS

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.)