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

OMITTED FROM SUMMARY TABLE

May be an OZI-violating decay mode of $\rho(1700)$. See our minireview under the $\rho(1700)$.

ρ (1570) MASS

VALUE (MeV) TECN COMMENT 08S BABR 10.6 $e^+e^- \rightarrow \phi \pi^0 \gamma$ ¹ AUBERT $1570 \pm 36 \pm 62$ 54 • • • We do not use the following data for averages, fits, limits, etc. • • • ² BITYUKOV SPEC 32.5 $\pi^- p \rightarrow \phi \pi^0 n$ 87

ρ (1570) WIDTH

VALUE (MeV) DOCUMENT ID TECN COMMENT **EVTS** 08S BABR 10.6 $e^{+}e^{-} \rightarrow \phi \pi^{0} \gamma$ ³ AUBERT • • • We do not use the following data for averages, fits, limits, etc. • • ⁴ BITYUKOV 87 SPEC 32.5 $\pi^- p \to \phi \pi^0 n$

ρ (1570) DECAY MODES

Mode Fraction (Γ_i/Γ) Γ_1 $e^+e^ \Gamma_2$ $\phi\pi$ not seen $\omega \pi$

$\rho(1570) \Gamma(i)\Gamma(e^+e^-)/\Gamma(total)$

 $\Gamma(\phi\pi) \times \Gamma(e^+e^-)/\Gamma_{\text{total}}$ $\Gamma_2\Gamma_1/\Gamma$ VALUE (eV) TECN COMMENT 08S BABR 10.6 $e^+e^- \rightarrow \phi \pi^0 \gamma$ ⁵ AUBERT $3.5\pm0.9\pm0.3$ 54 \bullet \bullet We do not use the following data for averages, fits, limits, etc. ⁶ AULCHENKO 87B ND $e^{+}e^{-} \rightarrow K_{S}^{0}K_{I}^{0}\pi^{0}$ <70

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¹ From the fit with two resonances.

²Systematic errors not estimated.

³ From the fit with two resonances.

⁴Systematic errors not estimated.

⁵ From the fit with two resonances.

⁶Using mass and width of BITYUKOV 87.

ho(1570) BRANCHING RATIOS

$\Gamma(\phi\pi)/\Gamma_{ m t}$	otal					Γ_2/Γ
<u>VALUE</u>			DOCUMENT ID			COMMENT
not seen			ABELE	97H	CBAR	$\overline{p} p ightarrow $
• • • We do not use the following data for averages, fits, limits, etc. • • •						
< 0.01			⁷ DONNACHIE	91	RVUE	
$^7\mathrm{Using}$ data from BISELLO 91B, DOLINSKY 86, and ALBRECHT 87L.						
$\Gamma(\phi\pi)/\Gamma(\omega\pi)$ Γ_2/Γ_3						
VALUE CL%			DOCUMENT ID TEC		TECN	COMMENT
 ● We do not use the following data for averages, fits, limits, etc. ● 						
>0.5		95	BITYUKOV	87	SPEC	$32.5 \pi^- p \rightarrow \phi \pi^0 n$
ho(1570) REFERENCES						
AUBERT ABELE BISELLO DONNACHIE ALBRECHT AULCHENKO BITYUKOV DOLINSKY	08S 97H 91B 91 87L 87B	PR D77 092002 PL B415 280 NPBPS B21 111 ZPHY C51 689 PL B185 223 JETPL 45 145 Translated from ZET PL B188 383 PL B174 453	B. Aubert et a A. Abele et al D. Bisello A. Donnachie, H. Albrecht et V.M. Aulchenk FFP 45 118. S.I. Bityukov e S.I. Dolinsky e	A.B. (al. o et al	00	(BABAR Collab.) (Crystal Barrel Collab.) (DM2 Collab.) (MCHS, LANC) (ARGUS Collab.) (NOVO) (SERP) (NOVO)

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