

$e^+e^-(1100-2200)$

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

OMITTED FROM SUMMARY TABLE

This entry contains unflavored vector mesons coupled to e^+e^- (photon) between the ϕ and $J/\psi(1S)$ mass regions. See also $\omega(1420)$, $\rho(1450)$, $\omega(1600)$, $\phi(1680)$, and $\rho(1700)$.

 $e^+e^-(1100-2200)$ MASSES AND WIDTHS

We do not use the following data for averages, fits, limits, etc.

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>			
1100 to 2200 OUR LIMIT				
<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
1097.0 ^{+16.0} _{-19.0}	BARTALUCCI 79	OSPK	7 $\gamma p \rightarrow e^+e^-p$	
31.0 ^{+24.0} _{-20.0}	BARTALUCCI 79	OSPK	7 $\gamma p \rightarrow e^+e^-p$	
<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>CHG</u>	<u>COMMENT</u>
1266.0 ± 5.0	BARTALUCCI 79	DASP	0	7 $\gamma p \rightarrow e^+e^-p$
110.0 ± 35.0	BARTALUCCI 79	DASP	0	7 $\gamma p \rightarrow e^+e^-p$
<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
~ 1830.0	PETERSON 78	SPEC	$\gamma p \rightarrow K^+K^-p$	
~ 120.0	PETERSON 78	SPEC	$\gamma p \rightarrow K^+K^-p$	
<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●				
1870 ± 10	ANTONELLI 96	SPEC	$e^+e^- \rightarrow$ hadrons	
10 ± 5	ANTONELLI 96	SPEC	$e^+e^- \rightarrow$ hadrons	
<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	
~ 2130	¹ ESPOSITO 78	FRAM	$e^+e^- \rightarrow K^*(892)^+ \dots$	
~ 30	¹ ESPOSITO 78	FRAM	$e^+e^- \rightarrow K^*(892)^+ \dots$	

¹ Not seen by DELCOURT 79.

 $e^+e^-(1100-2200)$ REFERENCES

ANTONELLI 96	PL B365 427	+Baldini, Bertani+	(FENICE Collab.)
BARTALUCCI 79	NC 49A 207	+Basini, Bertolucci+	(DESY, FRAS)
DELCOURT 79	PL 86B 395	+Derado, Bertrand, Bisello, Bizot, Buon+	(LALO)
ESPOSITO 78	LNC 22 305	+Felicetti	(FRAS, NAPL, PADO, ROMA)
PETERSON 78	PR D18 3955	+Dixon, Ehrlich, Galik, Larson	(CORN, HARV)

OTHER RELATED PAPERS

BACCI 76	PL 64B 356	+Bidoli, Penso, Stella, Baldini+	(ROMA, FRAS)
BACCI 75	PL 58B 481	+Bidoli, Penso, Stella+	(ROMA, FRAS)