$e^+e^-(1100\text{–}2200)$

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

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 $\rho(1700)$.

$e^+e^-(1100\text{–}2200)$ MASSES AND WIDTHS

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

VALUE (MeV)	*DOCUMENT ID*
1100 to 2200 OUR LIMIT	

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
$1097.0^{+16.0}_{-19.0}$	BARTALUCCI	79	OSPK	$7\ \gamma p \rightarrow e^+e^-p$
$31.0^{+24.0}_{-20.0}$	BARTALUCCI	79	OSPK	$7\ \gamma p \rightarrow e^+e^-p$

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*CHG*	*COMMENT*
1266.0 ± 5.0	BARTALUCCI	79	DASP	0	$7\ \gamma p \rightarrow e^+e^-p$
110.0 ± 35.0	BARTALUCCI	79	DASP	0	$7\ \gamma p \rightarrow e^+e^-p$

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
~ 1830.0	PETERSON	78	SPEC	$\gamma p \rightarrow K^+K^-p$
~ 120.0	PETERSON	78	SPEC	$\gamma p \rightarrow K^+K^-p$

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
• • • 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

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
~ 2130	[1] ESPOSITO	78	FRAM	$e^+e^- \rightarrow K^*(892)^+\ldots$
~ 30	[1] ESPOSITO	78	FRAM	$e^+e^- \rightarrow K^*(892)^+\ldots$

[1] Not seen by DELCOURT 79.

$e^+e^-(1100\text{–}2200)$ 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)