$\omega(782)$

$I^G(J^{PC}) = 0^-(1^{--})$

Mass $m = 781.94 \pm 0.12$ MeV (S = 1.5)
Full width $\Gamma = 8.43 \pm 0.10$ MeV
$\Gamma_{ee} = 0.60 \pm 0.02$ keV

$\omega(782)$ DECAY MODES	Fraction (Γ_i/Γ)	Confidence level	p (MeV/c)
$\pi^+\pi^-\pi^0$	(88.8 ± 0.7) %		327
$\pi^0\gamma$	(8.5 ± 0.5) %		379
$\pi^+\pi^-$	(2.21 ± 0.30) %		365
neutrals (excluding $\pi^0\gamma$)	$(5.3\ ^{+8.7}_{-3.5}) \times 10^{-3}$		–
$\eta\gamma$	$(8.3 \pm 2.1) \times 10^{-4}$		199
$\pi^0 e^+ e^-$	$(5.9 \pm 1.9) \times 10^{-4}$		379
$\pi^0 \mu^+\mu^-$	$(9.6 \pm 2.3) \times 10^{-5}$		349
e^+e^-	$(7.15 \pm 0.19) \times 10^{-5}$		391
$\pi^+\pi^-\pi^0\pi^0$	< 2 %	90%	261
$\pi^+\pi^-\gamma$	$< 3.6 \times 10^{-3}$	95%	365
$\pi^+\pi^-\pi^+\pi^-$	$< 1 \times 10^{-3}$	90%	256
$\pi^0\pi^0\gamma$	$< 4 \times 10^{-4}$	90%	367
$\mu^+\mu^-$	$< 1.8 \times 10^{-4}$	90%	376

$\eta'(958)$

$I^G(J^{PC}) = 0^+(0^{-+})$

Mass $m = 957.77 \pm 0.14$ MeV
Full width $\Gamma = 0.201 \pm 0.016$ MeV (S = 1.3)

$\eta'(958)$ DECAY MODES	Fraction (Γ_i/Γ)	Scale factor/ Confidence level	p (MeV/c)
$\pi^+\pi^-\eta$	(43.7 ± 1.5) %	S=1.1	232
$\rho^0\gamma$	(30.2 ± 1.3) %	S=1.1	169
$\pi^0\pi^0\eta$	(20.8 ± 1.3) %	S=1.2	239
$\omega\gamma$	(3.02 ± 0.30) %		160
$\gamma\gamma$	(2.12 ± 0.13) %	S=1.2	479
$3\pi^0$	$(1.55 \pm 0.26) \times 10^{-3}$		430
$\mu^+\mu^-\gamma$	$(1.04 \pm 0.26) \times 10^{-4}$		467
$\pi^+\pi^-\pi^0$	< 5 %	CL=90%	427
$\pi^0\rho^0$	< 4 %	CL=90%	118
$\pi^+\pi^-$	< 2 %	CL=90%	458
$\pi^0 e^+ e^-$	< 1.3 %	CL=90%	469
$\eta e^+ e^-$	< 1.1 %	CL=90%	322
$\pi^+\pi^+\pi^-\pi^-$	< 1 %	CL=90%	372