$\psi(2S)$ DECAY MODES	Fraction (Γ_i/Γ)	Scale factor/ Confidence level	p (MeV/c)
hadrons	(98.10 ± 0.30) %		–
virtual $\gamma \rightarrow$ hadrons	(2.9 ± 0.4) %		–
$e^+ e^-$	$(8.8 \pm1.3) \times 10^{-3}$		1843
$\mu^+ \mu^-$	$(7.7 \pm1.7) \times 10^{-3}$		1840
Decays into $J/\psi(1S)$ and anything			
$J/\psi(1S)$ anything	(57 ± 4) %		–
$J/\psi(1S)$ neutrals	(23.2 ± 2.6) %		–
$J/\psi(1S)\pi^+\pi^-$	(32.4 ± 2.6) %		477
$J/\psi(1S)\pi^0\pi^0$	(18.4 ± 2.7) %		481
$J/\psi(1S)\eta$	(2.7 ± 0.4) %	S=1.7	200
$J/\psi(1S)\pi^0$	$(9.7 \pm2.1) \times 10^{-4}$		527
Hadronic decays			
$3(\pi^+\pi^-)\pi^0$	$(3.5 \pm1.6) \times 10^{-3}$		1746
$2(\pi^+\pi^-)\pi^0$	$(3.1 \pm0.7) \times 10^{-3}$		1799
$\pi^+\pi^- K^+ K^-$	$(1.6 \pm0.4) \times 10^{-3}$		1726
$\pi^+\pi^- p\overline{p}$	$(8.0 \pm2.0) \times 10^{-4}$		1491
$K^+\overline{K}^*(892)^0\pi^- +$ c.c.	$(6.7 \pm2.5) \times 10^{-4}$		1673
$2(\pi^+\pi^-)$	$(4.5 \pm1.0) \times 10^{-4}$		1817
$\rho^0\pi^+\pi^-$	$(4.2 \pm1.5) \times 10^{-4}$		1751
$\overline{p}p$	$(1.9 \pm0.5) \times 10^{-4}$		1586
$3(\pi^+\pi^-)$	$(1.5 \pm1.0) \times 10^{-4}$		1774
$\overline{p}p\pi^0$	$(1.4 \pm0.5) \times 10^{-4}$		1543
K^+K^-	$(1.0 \pm0.7) \times 10^{-4}$		1776
$\pi^+\pi^-\pi^0$	$(9 \pm5) \times 10^{-5}$		1830
$\pi^+\pi^-$	$(8 \pm5) \times 10^{-5}$		1838
$\Lambda\overline{\Lambda}$	$< 4 \times 10^{-4}$	CL=90%	1467
$\Xi^-\overline{\Xi}^+$	$< 2 \times 10^{-4}$	CL=90%	1285
$\rho\pi$	$< 8.3 \times 10^{-5}$	CL=90%	1760
$K^+K^-\pi^0$	$< 2.96 \times 10^{-5}$	CL=90%	1754
$K^+\overline{K}^*(892)^- +$ c.c.	$< 1.79 \times 10^{-5}$	CL=90%	1698
Radiative decays			
$\gamma\chi_{c0}(1P)$	(9.3 ± 0.8) %		261
$\gamma\chi_{c1}(1P)$	(8.7 ± 0.8) %		171
$\gamma\chi_{c2}(1P)$	(7.8 ± 0.8) %		127
$\gamma\eta_c(1S)$	$(2.8 \pm0.6) \times 10^{-3}$		639
$\gamma\pi^0$	$< 5.4 \times 10^{-3}$	CL=95%	1841
$\gamma\eta'(958)$	$< 1.1 \times 10^{-3}$	CL=90%	1719
$\gamma\gamma$	$< 1.6 \times 10^{-4}$	CL=90%	1843
$\gamma\eta(1440) \rightarrow \gamma K\overline{K}\pi$	[n] $< 1.2 \times 10^{-4}$	CL=90%	1569