Charge asymmetry (%) at Z pole

$$A_{FB}^{(0\ell)} = 1.71 \pm 0.10$$
$$A_{FB}^{(0u)} = 4 \pm 7$$
$$A_{FB}^{(0s)} = 9.8 \pm 1.1$$
$$A_{FB}^{(0c)} = 7.07 \pm 0.35$$
$$A_{FB}^{(0b)} = 9.92 \pm 0.16$$

Z DECAY MODES		Fraction (Γ_i/Γ)	Scale factor/ Confidence level	p (MeV/c)
e^+e^-		(3.363 $\pm$0.004) %		45594
$\mu^+\mu^-$		(3.366 $\pm$0.007) %		45594
$\tau^+\tau^-$		(3.370 $\pm$0.008) %		45559
$\ell^+\ell^-$	[b]	(3.3658$\pm$0.0023) %		−
$\ell^+\ell^-\ell^+\ell^-$	[h]	(4.2 $^{+0.9}_{-0.8}$) $\times 10^{-6}$		45594
invisible		(20.00 $\pm$0.06) %		−
hadrons		(69.91 $\pm$0.06) %		−
$(u\overline{u}+c\overline{c})/2$		(11.6 $\pm$0.6) %		−
$(d\overline{d}+s\overline{s}+b\overline{b})/3$		(15.6 $\pm$0.4) %		−
$c\overline{c}$		(12.03 $\pm$0.21) %		−
$b\overline{b}$		(15.12 $\pm$0.05) %		−
$b\overline{b}b\overline{b}$		(3.6 $\pm$1.3) $\times 10^{-4}$		−
ggg		< 1.1 %	CL=95%	−
$\pi^0\gamma$		< 5.2 $\times 10^{-5}$	CL=95%	45594
$\eta\gamma$		< 5.1 $\times 10^{-5}$	CL=95%	45592
$\omega\gamma$		< 6.5 $\times 10^{-4}$	CL=95%	45590
$\eta'(958)\gamma$		< 4.2 $\times 10^{-5}$	CL=95%	45589
$\gamma\gamma$		< 5.2 $\times 10^{-5}$	CL=95%	45594
$\gamma\gamma\gamma$		< 1.0 $\times 10^{-5}$	CL=95%	45594
$\pi^\pm W^\mp$	[i]	< 7 $\times 10^{-5}$	CL=95%	10162
$\rho^\pm W^\mp$	[i]	< 8.3 $\times 10^{-5}$	CL=95%	10136
$J/\psi(1S)X$		(3.51 $^{+0.23}_{-0.25}$) $\times 10^{-3}$	S=1.1	−
$\psi(2S)X$		(1.60 $\pm$0.29) $\times 10^{-3}$		−
$\chi_{c1}(1P)X$		(2.9 $\pm$0.7) $\times 10^{-3}$		−
$\chi_{c2}(1P)X$		< 3.2 $\times 10^{-3}$	CL=90%	−
$\Upsilon(1S)$ X $+\Upsilon(2S)$ X $+\Upsilon(3S)$ X		(1.0 $\pm$0.5) $\times 10^{-4}$		−
$\Upsilon(1S)X$		< 4.4 $\times 10^{-5}$	CL=95%	−
$\Upsilon(2S)X$		< 1.39 $\times 10^{-4}$	CL=95%	−
$\Upsilon(3S)X$		< 9.4 $\times 10^{-5}$	CL=95%	−
$(D^0/\overline{D^0})$ X		(20.7 $\pm$2.0) %		−