IPROC	Process
100	$e^+e^- \to q\bar{q}(g)$ (all flavours)
100+IQ	$e^+e^- \to q\bar{q}(g)$ (IQ=1,2,3,4,5,6 for $q = d, u, s, c, b, t$)
107	$e^+e^- \to gg(g)$
110	$e^+e^- \to q\bar{q}g$ (all flavours)
110+IQ	$e^+e^- \to q\bar{q}g$ (IQ as above)
120	$e^+e^- \to q\bar{q}$ (all flavours) $\Big\{$ without correction to
120+IQ	$e^+e^- \to q\bar{q}$ (IQ as above) $\Big\{$ hard gluon branching
127	$e^+e^- \to gg$
150+IL	$e^+e^- \to \ell\bar{\ell}$ (IL=2,3 for $\ell = \mu, \tau$)
200	$e^+e^- \to W^+W^-$ (see documentation for $W^\pm$ decay options)
250	$e^+e^- \to Z^0Z^0$ (see documentation for Z^0 decay options)
300	$e^+e^- \to Z^0H^0 \to Z^0q\bar{q}$ (all flavours)
300+IQ	$e^+e^- \to Z^0H^0 \to Z^0q\bar{q}$ (IQ as above)
306+IL	$e^+e^- \to Z^0H^0 \to Z^0\ell\bar{\ell}$ (IL=1,2,3 for $\ell = e, \mu, \tau$)
310, 311	$e^+e^- \to Z^0H^0 \to Z^0W^+W^-$, $Z^0Z^0Z^0$
312	$e^+e^- \to Z^0H^0 \to Z^0\gamma\gamma$
399	$e^+e^- \to Z^0H^0 \to Z^0$ anything
400+ID	$e^+e^- \to \nu\bar{\nu}H^0 + e^+e^-H^0$ (ID as in IPROC=300+ID)
500+ID	$e^+e^- \to \gamma\gamma \to q\bar{q}/\ell\bar{\ell}/W^+W^-$ (ID=0–10 as in IPROC=300+ID)
550+ID	$e^+e^- \to \gamma W^\pm \to q\bar{q}'/\ell\bar{\ell}'$ (ID=0–9 as in IPROC=300+ID)
1350	$q\bar{q} \to Z^0/\gamma \to \ell\bar{\ell}$ (all lepton species)
1350+IL	$q\bar{q} \to Z^0/\gamma \to \ell\bar{\ell}$ (IL=1,2,3 for $\ell = e, \mu, \tau$)
1400	$q\bar{q} \to W^\pm \to q'\bar{q}''$ (all flavours)
1400+IQ	$q\bar{q} \to W^\pm \to q'\bar{q}''$ (q' or q'' as above)
1450	$q\bar{q} \to W^\pm \to \ell\nu_\ell$ (all lepton species)
1450+IL	$q\bar{q} \to W^\pm \to \ell\nu_\ell$ (IL as above)
1499	$q\bar{q} \to W^\pm \to$ anything
1500	QCD $2 \to 2$ hard parton scattering (see documentation)
1600+ID	$gg/q\bar{q} \to H^0$ (ID as in IPROC=300+ID)
1700+IQ	QCD heavy quark production (IQ as above)
1800	QCD direct photon + jet production (see documentation)
1900+ID	$W^+W^- \to H^0$ (ID as in IPROC=300+ID)

IPROC	Process
2000	t production via W exchange (sum of 2001–2008)
2001–4	$\bar{u}\bar{b} \to \bar{d}\bar{t}$, $d\bar{b} \to u\bar{t}$, $\bar{d}b \to \bar{u}t$, $ub \to dt$
2005–8	$\bar{c}\bar{b} \to \bar{s}\bar{t}$, $s\bar{b} \to c\bar{t}$, $\bar{s}b \to \bar{c}t$, $cb \to st$
2100	$W^{\pm}$ + jet production (see documentation for $W^{\pm}$ decays)
2110	$W^{\pm}$ + jet production (Compton only: $gq \to Wq$)
2120	$W^{\pm}$ + jet production (Annihilation only: $q\bar{q} \to Wg$)
2200	QCD direct photon pair production (see documentation)
2300	QCD Higgs plus jet production (see documentation)
5000	Pointlike photon-hadron jet production (all flavours)
5100+IQ	Pointlike photon heavy flavour IQ pair production
5200+IQ	Pointlike photon heavy flavour IQ single excitation
5500	Pointlike photon production of light (u, d, s) $L = 0$ mesons
5510,20	$S = 0$ mesons only, $S = 1$ mesons only
7000-999	Baryon-number violating interactions (HERBVI package)
8000	Minimum bias soft hadron-hadron event
9000	Charged lepton-hadron neutral current deep inelastic scattering
9000+IQ	Charged lepton NC DIS on quark flavour IQ
9010+IQ	Charged lepton charged current DIS (IQ=0 or as above)
9100+IQ	Quark pair prodn by boson-gluon fusion in charged lepton
	NC processes. IQ = 0-6 as above, IQ = 7 for J/ψ
9110+IP	$e(\gamma)q \to gq$. IP = 0 all flavours,
	IP = 1-12 for $q = d, u, s, c, b, t, \bar{d}, \bar{u}, \bar{s}, \bar{c}, \bar{b}, \bar{t}$
9130	Sum of 9100 and 9110
9140+IP	CC processes. IP: $1 = s\bar{c}$, $2 = b\bar{c}$, $3 = s\bar{t}$, $4 = b\bar{t}$ (+ ch. conj.)
9200–99	Withdrawn processes. Use 9100–99 instead
9500+ID	$W^+W^- \to H^0$ in ep (ID as in IPROC=300+ID)
10000+IP	as IPROC=IP but with soft underlying event suppressed
	(soft remnant fragmentation suppressed in lepton-hadron)