

```
<event>
5      1 +1.6860000e+03 8.89432000e+01 7.54677100e-03 1.30543100e-01
```

-1	-1	0	0	0	501	0.0000000000e+00	+0.0000000000e+00	+2.2398225191e+01	2.2398225191e+01	0.0000000000e+00	0.0000e+00	1.0000e+00
1	-1	0	0	501	0	0.0000000000e+00	-0.0000000000e+00	-8.8298210922e+01	8.8298210922e+01	0.0000000000e+00	0.0000e+00	-1.0000e+00
23	2	1	2	0	0	0.0000000000e+00	+0.0000000000e+00	-6.5899985731e+01	1.1069643611e+02	8.8943200127e+01	0.0000e+00	0.0000e+00
-11	1	3	3	0	0	-1.6824537576e+01	-5.9830707237e+00	+1.7740426939e+01	2.5171113363e+01	0.0000000000e+00	0.0000e+00	1.0000e+00
11	1	3	3	0	0	-1.6824537576e+01	+5.9830707237e+00	-8.3640412670e+01	8.5525322750e+01	0.0000000000e+00	0.0000e+00	-1.0000e+00

(1) (2) (3) (4) (5) (6) (7)

(1) PDGID : particle ID , e.g) d(1), d $\bar{}$ (-1), Z(23), e $^{-}$ (-11) , e $^{+}$ (-11)

(2) Status code : incoming(-1), intermediate(2), final(1)

(3) mother1, mother2 : idx of mother particles

(4) color

(5) px,py,pz,E,M

(6) invariant lifetime

(7) Helicity

