## Example of pythia 8.1 $Z \rightarrow \tau^+ \tau^- \gamma$ event

	Ba	rcod	e PDGI	ID (I	ο <sub>χ,</sub>	Py,	Pz,	E)		Stat De	ecayVtx
$Z \rightarrow Z$	GenVertex: I: 1 O: 1	8 12		-1.80	=	2.96e-0	•		1,+1.19e+02 1,+1.19e+02 vertex with deca & energy-mome		-11 -13
$Z{ ightarrow} au^{\scriptscriptstyle +} au^{\scriptscriptstyle -}$	GenVertex: I: 1 O: 2	12 15 16	15 -15	-1.36 -1.97 +1.97	e+01,- 'e+01,-	2.77e-0 3.85e+0 +3.86e+	01,-3.6	8e+0	not conserved! 1,+1.19e+02 1,+5.69e+01 01,+6.20e+01	-44 -23 -23	-13 -15 -14
$\tau^{\scriptscriptstyle +} \!\!\!\! \to \!\! \tau^{\scriptscriptstyle +}  \gamma$	0.2	16 17 18	-15 22	+1.97 +1.71 +2.59	e+01,- e+00,-	+3.86e+ +3.53e+ +3.15e+	+01,-3	.93e+	01,+6.20e+01 01,+6.56e+01 00,+6.50e+00	-23 1 1	-14
$ au^- { ightarrow}  au^-$	GenVertex: I: 1 O: 1	15 19		-1.97 -1.97	e+01,-	3.85e+(	1		1,+5.69e+01 1,+5.68e+01	-23 1	-15

in event record