```
RUNNR   1                          number of run
EVTNR   1                          number of first shower event
NSHOW   1000000                    number of showers to generate
PRMPAR  14                         particle type of prim. particle
ESLOPE  -2.7                       slope of primary energy spectrum
ERANGE  600.  1.E11                energy range of primary particle
THETAP  0.  89.999                 range of zenith angle (degree)
PHIP    0.  360.                   range of azimuth angle (degree)
SEED    1   0   0                  seed for 1. random number sequence
SEED    2   0   0                  seed for 2. random number sequence
SEED    3   0   0                  seed for 3. random number sequence
OBSLEV  2834.E2                    observation level (in cm)
ELMFLG  T  F                       em. interaction flags (NKG,EGS)
RADNKG  2.E5                       outer radius for NKG lat.dens.determ.
ARRANG  0.                         rotation of array to north
FIXHEI  0.  0                      first interaction height & target
FIXCHI  0.                         starting altitude (g/cm**2)
MAGNET  16.4  -53.4                magnetic field south pole
HADFLG  0  1  0  1  0  2           flags hadr.interact. & fragmentation
QGSJET  T  0                       use qgsjet for high energy hadrons
QGSSIG  T                          use qgsjet hadronic cross sections
ECUTS   273. 273. .003 .003        energy cuts for particles
MUADDI  T                          additional info for muons
MUMULT  T                          muon multiple scattering angle
LONGI   F  20.  F  F               longit.distr. & step size & fit
MAXPRT  0                          max. number of printed events
ECTMAP  100                        cut on gamma factor for printout
STEPFC  1.0                        mult. scattering step length fact.
DEBUG   F  6  F  1000000           debug flag and log.unit for out
DIRECT  ../output/                 output directory
ATMOD   13                         october atmosphere
DETCFG  1.                         detector information (l/d)
F2000   T                          choses F2000 format
LOCUT   T 1.58                     enables skew angle cutoff
RANPRI  T                          random primary
SPRIC   T                          separate primary energy cutoffs
FSEED   T                          enable random generator seed recovery
DSLOPE  0.                         slope correction
SCURV   T 6.4E8 1.73E5             curved surf., radius of Earth, depth
EXIT                               terminates input
```