```
INPUT TO MIK CODE

     4.0    18.0  2018.0 16 14 20                ! R1,R2,RF,N1,N2,N3
                                                   ! distance to mesh groups, no. of points in mesh groups
     1.0E-09     1.0E-09                         ! H0,EPS
                                                   ! input time step to gear, error control parameter
     1.40000000e-06 1.00000000 1.00000000   1.0  ! DISPRT,ETAV,ETAI,DOSE
                                                   ! peak displ rate, v/i production efficiency, dose
360.00000000                                       ! TEMPC
                                                   ! peak temperature
 0.2100000 0.0900000                               ! CONCB,CONCC
                                                   ! concentration of B, C
     1.00000e+14     9.10000e+28     3.50000e-10 ! DISL,NAT,LAMBDA
                                                   ! peak disloc density, no. density, jump distance
 0.785 0.668 0.872 0.660                           ! FAV,FBV,FCV,FI -- 0.44???
                                                   ! jump correlation factors (A,B,C,interstitial)
 1.80000000 3.20000000 1.00000000                  ! WAV,WBV,WCV -- 1.6 (1.4) ,2.4 (2.3),1.0 or
                                                   !              1.86666666666,3.3333333333
                                                   ! relative vac jump frequency ratios (A,B,C)
 1.00000000 1.00000000 1.00000000                  ! WAI,WBI,WCI
                                                   ! relative int jump frequency ratios (A,B,C)
-4.28000000-4.21000000-4.44000000                  ! ECOHA,ECOHB,ECOHC -- -4.28,-4.10,-4.44
                                                   ! cohesive energies
 0.90000000 0.90000000 0.90000000 1.00000000     ! EMIA,EMIB,EMIC,SV
                                                   ! int migration energies, vac formation enthalpy
 1.28000000 0.97000000 1.04000000                  ! EMA,EMB,EMC
                                                   ! pure element [vac] migration energies
 1.40000000 1.60000000 1.79000000 1.40000000     ! EFA,EFB,EFC,EFGB
                                                   ! pure element [vac] form'n energy, GB formation energy
 0.00300000-0.00100000 0.00500000                  ! EORDAB,EORDAC,EORDBC
                                                   ! ordering energies
     1.5e+13     1.5e+12                         ! NUOV,NUOI
                                                   ! debye frequencies
 1.00000000 12.00 1.00 1.00                        ! AL,Z,BIASV,BIASI
                                                   ! thermo factor, neighbor atoms, disloc bias for v/i
     1.0E-00     1.0E+01     5.0E+02     1.0e+03     5.0e+03     1.4e+04 ! TOUTPT(I),I=1,20
     5.0E+04     7.1E+04     1.0E+05     1.4e+05     3.6e+05     4.3e+05 !
     7.1E+05     2.1E+06     2.2E+06     2.3e+06     5.0e+06     7.0e+07 !
     1.0e+08     0.0e+00                                                 !
                                                                         ! user-required output times
N                                                  ! FRAC
```

```
                                                    ! indicates whether profiles will be used
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000       ! TFRAC(I),I=1,NSTEP-1
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000       ! fraction of max temperature
1.0000 1.0000 1.0000                            !
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000       ! CAFRAC(I),I=1,NSTEP
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000       ! fraction of peak atom A
1.0000 1.0000 1.0000                            !
0.1231 0.2991 0.3912 0.4573 0.5100 0.6988       ! CBFRAC(I),I=1,NSTEP
0.8144 0.8969 0.9613 1.0150 1.0000 1.0000       ! fraction of peak atom B
1.0000 1.0000 1.0000                            !
1.1670 1.1334 1.1160 1.1033 1.0933 1.0574       ! CCFRAC(I),I=1,NSTEP
1.0354 1.0196 1.0074 0.9971 1.0000 1.0000       ! fraction of peak atom C
1.0000 1.0000 1.0000                            !
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000       ! DFRAC(I),I=1,NSTEP
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000       ! fraction of peak damage
1.0000 1.0000 1.0000                            !
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000       ! SFRAC(I),I=1,NSTEP
1.0000 1.0000 1.0000 1.0000 1.0000 1.0000       ! fraction of max disloc density
1.0000 1.0000 1.0000                            !
```