```
Some parameters for the
                                                   compilation
 cd ..
 make -f makefile-Tnum
 cd $ici
                                           Useful parameters to define coordinates:
../Tnum.exe << ** > res
 &geom
                                           zmat=t: coordinates defined with a zmatrix
           zmat=T
                                           nat: number of atoms
           nat=10
                                           sym: if t, enables to perform linear combination of
           sym=f
                                           coordinates (see dat HCN).
 /
 Η
 C 1
 C 2 1
                              Zmatrix:
 C 2 1 3
                              The integers are the numbers of
 H 3 2 4
                              the previously defined atoms.
 H 3 2 5
 H 3 2 5
                              You can change the atomic
 H 4 2 3
                                                                      List of 3nat-6 numbers:
                              symbol by a mass (real)
 H 4 2 8
                                                                      1 active coordinates
 H 4 2 8
                                                                      0 frozen coordinates
                                                   0 0 1
                                                            0 0 0
                      0 0 1
                               0 0 0
                                         0 0 0
                                                                     0 0 0
0
     0 0
            0 0 0
 &niveau
           nrho=2
                                         nrho helps to define the volume element:
           read_nameQ=t
                                         0: Euclidian (rho=jacobian)
 /
                                         1: Wilson (rho=1)
       2.06280
rH
                                         2: product of 1D-volume element: dR.dphi.sin(th)dth...
rCC
       2.72444
       2.03908
aCCH
                                         read nameQ: if t, reads the name of the variables
       2.72444
rCC
aCCH
       2.03908
dih
       3.14159
rCH21 2.09066
aCH21 1.90364
dCH21 0.00000
rCH22 2.09066
aCH22 1.90364
dCH22 2.09439510258113692
rCH23 2.09066
                                                 Name and value of variable in the
aCH23 1.90364
                                                 zmatrix order.
dCH23 -2.09439510258113692
rCH31 2.09066
aCH31 1.90364
dCH31 0.00000
rCH32 2.09066
aCH32 1.90364
dCH32 2.09439510258113692
```

rCH33 2.09066 aCH33 1.90364 dCH33 -2.09439510258113692 **