```
### 'title of data set'
s30.dat, lam, pipe, CEF, Ts(x)
###       kgeom       neq    kstart      mode      ktmu     ktmtr      ktme
              4         2         1         1         0         0         0
###       kbfor   jsor(1)   jsor(2)   jsor(3)   jsor(4)   jsor(5)
              1         1
###      kfluid    kunits
              1         1
###          po       rhoc    viscoc    amolwt    gam/cp
       101325.0   1.17660 1.853E-05     00.00   1005.00
###      prc(1)    prc(2)    prc(3)    prc(4)    prc(5)
           0.711
###     nxbc(I)  jbc(I,1)  jbc(I,2)  jbc(I,3)  jbc(I,4)  jbc(I,5)
              5         0
###     nxbc(E)  jbc(E,1)  jbc(E,2)  jbc(E,3)  jbc(E,4)  jbc(E,5)
              5         1
###         x(m)      rw(m)   aux1(m)   aux2(m)   aux3(m)
      0.0000000    0.0350    0.0100    0.0000    0.0000
      0.0350000    0.0350    0.0100    0.0000    0.0000
      0.3500000    0.0350    0.2500    0.0000    0.0000
      3.5000000    0.0350    1.0000    0.0000    0.0000
      7.0000000    0.0350    1.0000    0.0000    0.0000
###      ubI(m)   am(I,m) fj(I,1,m) fj(I,2,m) fj(I,3,m) fj(I,4,m) fj(I,5,m)
###      ubE(m)   am(E,m) fj(E,1,m) fj(E,2,m) fj(E,3,m) fj(E,4,m) fj(E,5,m)
           0.00       0.0     0.000
           0.00     0.000     310.0
           0.00       0.0     0.000
           0.00     0.000     310.0
           0.00       0.0     0.000
           0.00     0.000     310.0
           0.00       0.0     0.000
           0.00     0.000     310.0
           0.00       0.0     0.000
           0.00     0.000     310.0
###       xstart      xend    deltax       fra     enfra
      0.0000000  7.000000     0.000     0.000 0.000E+00
###         kout    kspace       kdx      kent
              8        50         1         0
###           k1        k2        k3        k4        k5        k6
              0         0         0         0        20         0
###           k7        k8        k9       k10       k11       k12
              0         0         0         0         0         0
###          axx       bxx       cxx       dxx       exx       fxx       gxx
 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
###          dyi      rate      reyn      tref     tuapp    epsapp     twall
      5.000E-04    0.0900   1000.00     300.0       0.0      0.00     300.0
```