

s10.dat.txt

```

### 'title of data set'
s10.dat, lam, Blasius, Ts(x)
###      kgeom      neq      kstart      mode      ktmu      ktmtr      ktme
          1          2          4          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  1.17700  1.838E-05  00.00  1005.00
###      prc(1)      prc(2)      prc(3)      prc(4)      prc(5)
          0.707
###      nxbc(I)      jbc(I,1)      jbc(I,2)      jbc(I,3)      jbc(I,4)      jbc(I,5)
          5          1
###      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  1.0000  0.0000  0.0000  0.0000
0.0500000  1.0000  0.0000  0.0000  0.0000
0.1000000  1.0000  0.0000  0.0000  0.0000
0.1500000  1.0000  0.0000  0.0000  0.0000
0.2000000  1.0000  0.0000  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      0.000  295.0
          15.00      0.0  0.0
          0.00      0.000  295.0
          15.00      0.0  0.0
          0.00      0.000  295.0
          15.00      0.0  0.0
          0.00      0.000  295.0
          15.00      0.0  0.0
          0.00      0.000  295.0
          15.00      0.0  0.0
###      xstart      xend      deltax      fra      enfra
0.0010410  0.200000  0.100  0.010  1.000E-06
###      kout      kspace      kdx      kent
          8      100  0  1
###      k1      k2      k3      k4      k5      k6
          0  0  0  0  50  0
###      k7      k8      k9      k10      k11      k12
          0  00  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      tstag      vapp      tuapp      epsapp
5.000E-05  0.0900  300.0  0.00  0.0  0.00

```