

ftn87.txt

```
# s10.dat, lam, Blasius, Ts(x)
# scaling factor for x/s, s= 1.0000E+00
# constant props, csubp = 1005.00 htc based on (ts-tinf)
#      intg  x/s      htc      uinf      st
   5  1.0491042E-03  2.3289E+02  1.5000E+01  1.3125E-02
  50  1.2347903E-03  2.1464E+02  1.5000E+01  1.2097E-02
 100  2.2696665E-03  1.5830E+02  1.5000E+01  8.9216E-03
 150  3.6189639E-03  1.2528E+02  1.5000E+01  7.0607E-03
 200  5.2818676E-03  1.0365E+02  1.5000E+01  5.8417E-03
 250  7.2595516E-03  8.8380E+01  1.5000E+01  4.9810E-03
 300  9.5517630E-03  7.7029E+01  1.5000E+01  4.3413E-03
 350  1.2158410E-02  6.8261E+01  1.5000E+01  3.8471E-03
 400  1.5079457E-02  6.1285E+01  1.5000E+01  3.4540E-03
 450  1.8314887E-02  5.5602E+01  1.5000E+01  3.1337E-03
 500  2.1864691E-02  5.0884E+01  1.5000E+01  2.8678E-03
 550  2.5728865E-02  4.6904E+01  1.5000E+01  2.6435E-03
 600  2.9907406E-02  4.3502E+01  1.5000E+01  2.4518E-03
 650  3.4400312E-02  4.0560E+01  1.5000E+01  2.2859E-03
 700  3.9207582E-02  3.7991E+01  1.5000E+01  2.1411E-03
 750  4.4329216E-02  3.5728E+01  1.5000E+01  2.0136E-03
 800  4.9765212E-02  3.3719E+01  1.5000E+01  1.9004E-03
 850  5.5526963E-02  3.1921E+01  1.5000E+01  1.7991E-03
 900  6.1592291E-02  3.0308E+01  1.5000E+01  1.7082E-03
 950  6.7971980E-02  2.8850E+01  1.5000E+01  1.6260E-03
1000  7.4666032E-02  2.7526E+01  1.5000E+01  1.5514E-03
1050  8.1674446E-02  2.6319E+01  1.5000E+01  1.4833E-03
1100  8.8997221E-02  2.5212E+01  1.5000E+01  1.4210E-03
1150  9.6634358E-02  2.4195E+01  1.5000E+01  1.3636E-03
1200  1.0448948E-01  2.3268E+01  1.5000E+01  1.3114E-03
1250  1.1275160E-01  2.2399E+01  1.5000E+01  1.2624E-03
1300  1.2132808E-01  2.1593E+01  1.5000E+01  1.2170E-03
1350  1.3021893E-01  2.0843E+01  1.5000E+01  1.1747E-03
1400  1.3942413E-01  2.0143E+01  1.5000E+01  1.1352E-03
1450  1.4894370E-01  1.9488E+01  1.5000E+01  1.0984E-03
1500  1.5866740E-01  1.8882E+01  1.5000E+01  1.0642E-03
1550  1.6881223E-01  1.8306E+01  1.5000E+01  1.0317E-03
1600  1.7927141E-01  1.7764E+01  1.5000E+01  1.0011E-03
1650  1.9004495E-01  1.7253E+01  1.5000E+01  9.7235E-04
1695  2.0000000E-01  1.6818E+01  1.5000E+01  9.4784E-04
```