

ftn82.txt

```
# s30.dat, lam, pipe, CEF, Ts(x)
# for the E-wall
# constant props, csubp = 1005.00
#      intg  x/dh      htc      umean      nu
   5  2.5000001E-02  2.1758E+01  2.2498E-01  5.8149E+01
  20  1.0000000E-01  1.1583E+01  2.2498E-01  3.0956E+01
  40  2.0000000E-01  8.4269E+00  2.2498E-01  2.2521E+01
  60  3.0000000E-01  7.0105E+00  2.2498E-01  1.8736E+01
  80  4.0000001E-01  6.1611E+00  2.2498E-01  1.6466E+01
 100  5.0000000E-01  5.5794E+00  2.2498E-01  1.4911E+01
 120  6.2148683E-01  5.0706E+00  2.2498E-01  1.3551E+01
 140  8.0200979E-01  4.5395E+00  2.2498E-01  1.2132E+01
 160  1.0702573E+00  4.0140E+00  2.2498E-01  1.0728E+01
 180  1.4688589E+00  3.5175E+00  2.2498E-01  9.4006E+00
 200  2.0611596E+00  3.0664E+00  2.2498E-01  8.1952E+00
 220  2.9412870E+00  2.6695E+00  2.2498E-01  7.1344E+00
 240  4.2491095E+00  2.3296E+00  2.2498E-01  6.2260E+00
 260  6.1631589E+00  2.0489E+00  2.2498E-01  5.4759E+00
 280  8.9749959E+00  1.8215E+00  2.2498E-01  4.8681E+00
 300  1.2400834E+01  1.6667E+00  2.2498E-01  4.4542E+00
 320  1.6445188E+01  1.5606E+00  2.2498E-01  4.1708E+00
 340  2.1219731E+01  1.4875E+00  2.2498E-01  3.9753E+00
 360  2.6856292E+01  1.4383E+00  2.2498E-01  3.8439E+00
 380  3.3510505E+01  1.4068E+00  2.2498E-01  3.7598E+00
 400  4.1366102E+01  1.3880E+00  2.2498E-01  3.7095E+00
 420  5.0500000E+01  1.3777E+00  2.2498E-01  3.6821E+00
 440  6.0500000E+01  1.3727E+00  2.2498E-01  3.6687E+00
 460  7.0500000E+01  1.3705E+00  2.2498E-01  3.6628E+00
 480  8.0500000E+01  1.3695E+00  2.2498E-01  3.6601E+00
 500  9.0500000E+01  1.3690E+00  2.2498E-01  3.6589E+00
 519  1.0000000E+02  1.3688E+00  2.2498E-01  3.6583E+00
```