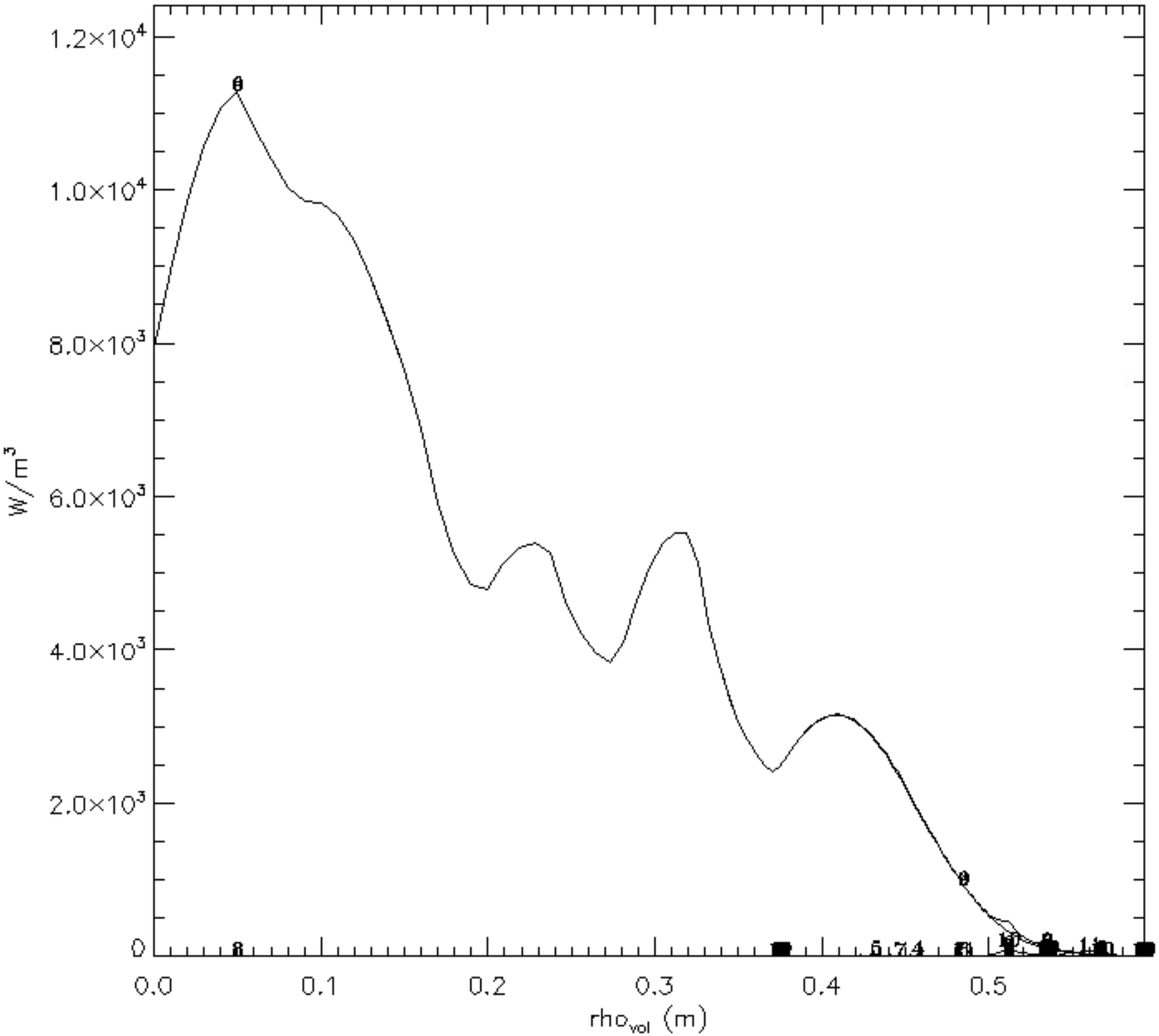
Impurity Radiation

C_00003t1.220_2.220_1

STRAHL
2019
Tue Nov
16:02:14



0 Z= 0(C_) line ->7.76e-03W/m^2 4.12e-01W
1 Z= 1(B) line ->6.62e-02W/m^2 3.51e+00W
2 Z= 2(Be) line ->5.08e-01W/m^2 2.70e+01W
3 Z= 3(Li) line ->4.13e+00W/m^2 2.23e+02W
4 Z= 4(He) line ->9.53e-01W/m^2 4.49e+01W
5 Z= 5(H) line ->2.16e+00W/m^2 8.86e+01W
6 brems plas ->5.57e+03W/m^2 1.02e+05W
7 conti imp. ->1.49e+00W/m^2 4.22e+01W
8 brems imp. ->6.56e-01W/m^2 1.20e+01W
9 total rad. ->5.58e+03W/m^2 1.03e+05W
10 total imp. ->9.31e+00W/m^2 4.30e+02W
11 total imp. (corona) ->7.72e+00W/m^2 3.73e

t= 2.22000s a= 51.3cm Z/A: plasm.=1/1 imp. 6/ 12 <ne>=9.67e+19m^{-2} Te(0)= 2.58keV ne(0)=8.83e+19m^{-3} Zeff(0)=1.00
for rho=0.1/0.4/0.9: D=0.50/0.50/0.50 m^2/s v= 0.0/ 0.0/ 0.0 m/s neocl= 0.% CEX=0
influx(s^{-1}):valve=3.00e+17 wall=0.00e+00 div=0.00e+00 div/main= 1.7e+01 tau(ms):sol= 6.97 lim= 0.22 div=***** pump=1.00e+00
sep: Te=2.26e+01eV Ne=5.27e+19m^{-3} @LFS: l_Te=4.9cm l_ne=4.9cm w(SOl)=7.9cm d(Lim)=6.4cm lon.Length= 0.10cm