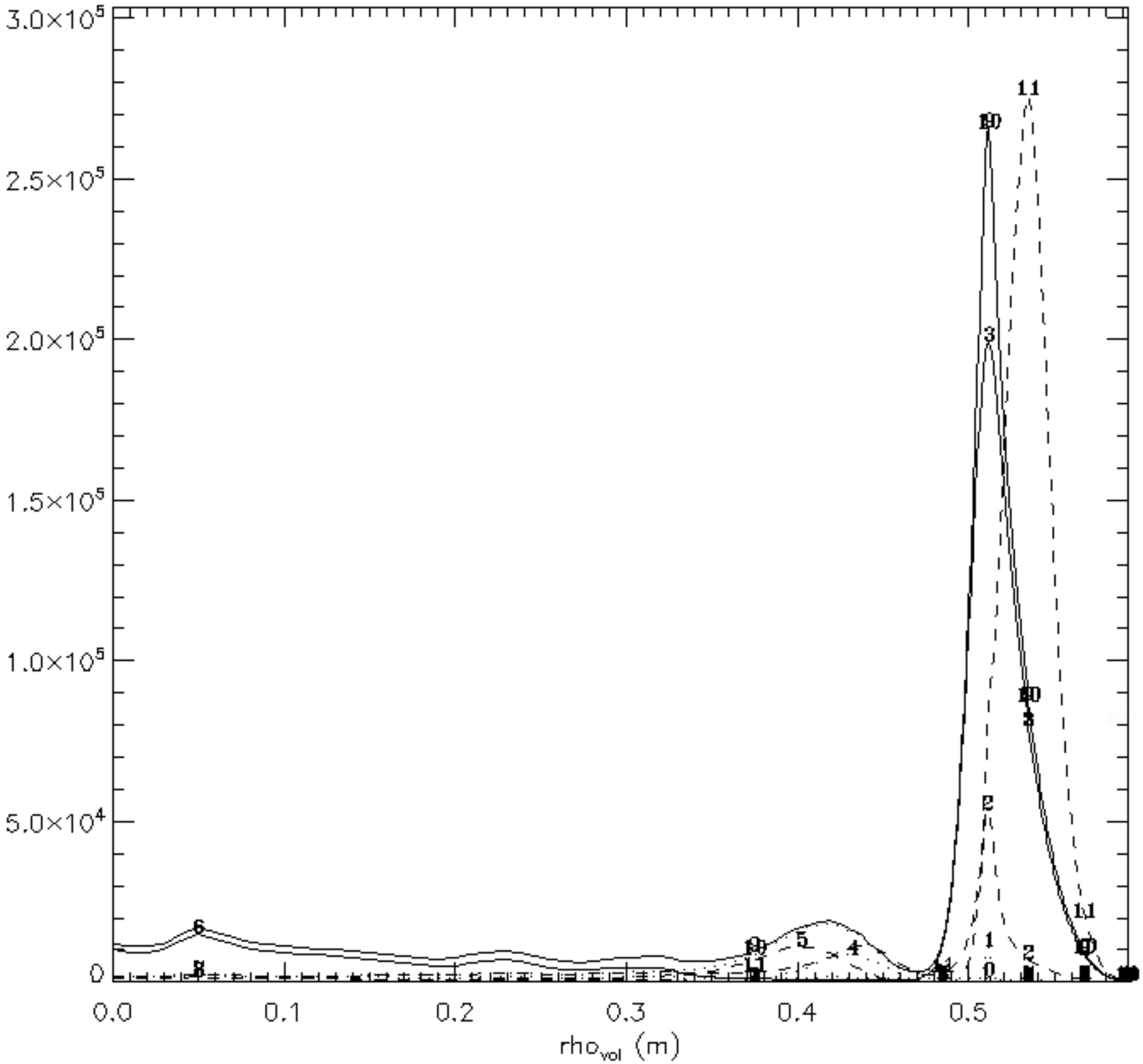
Impurity Radiation

C_00005t2.421_3.421_1

STRAHL
2019
Tue Nov
16:19:58



0 Z= 0(C_) line ->8.66e+00W/m^2 4.59e+02
1 Z= 1(B) line ->1.05e+02W/m^2 5.57e+03
2 Z= 2(Be) line ->1.83e+03W/m^2 9.86e+04
3 Z= 3(Li) line ->1.43e+04W/m^2 7.67e+05
4 Z= 4(He) line ->8.94e+02W/m^2 3.95e+04
5 Z= 5(H) line ->1.99e+03W/m^2 7.32e+04
6 brems plas ->5.19e+03W/m^2 7.99e+04W
7 conti imp. ->1.54e+03W/m^2 3.97e+04W
8 brems imp. ->6.65e+02W/m^2 1.09e+04W
9 total rad. ->2.58e+04W/m^2 1.10e+06W
10 total imp. ->2.06e+04W/m^2 1.02e+06W
11 total imp. (corona) ->2.18e+04W/m^2 1.13e

t= 3.42100s a= 51.3cm Z/A: plasm.=1/1 imp. 6/ 12 <ne>=9.22e+19m^{-2} Te(0)= 2.17keV ne(0)=1.06e+20m^{-3} Zeff(0)=1.25
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+20 wall=0.00e+00 div=0.00e+00 div/main= 1.3e+01 tau(ms):sol= 9.24 lim= 0.29 div=***** pump=1.00e+00
sep: Te=1.29e+01eV Ne=5.06e+19m^{-3} @LFS: l_Te=4.9cm l_ne=4.9cm w(SOl)=7.9cm d(Lim)=6.4cm Ion.Length= 0.17cm