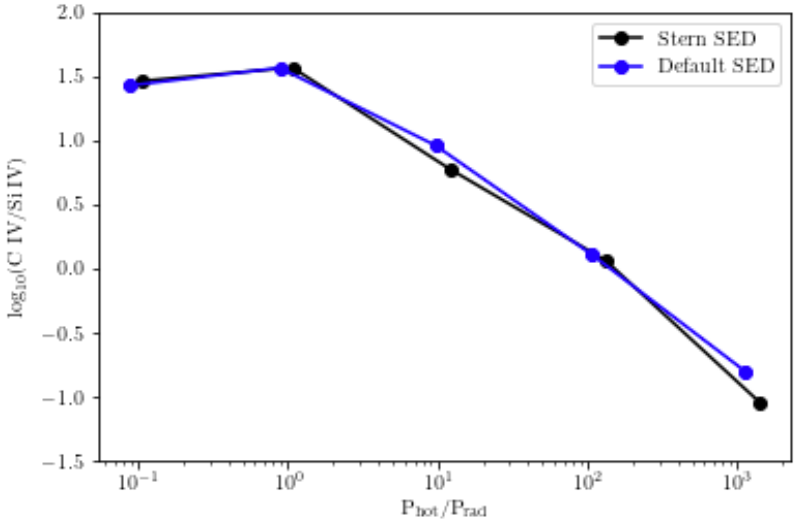
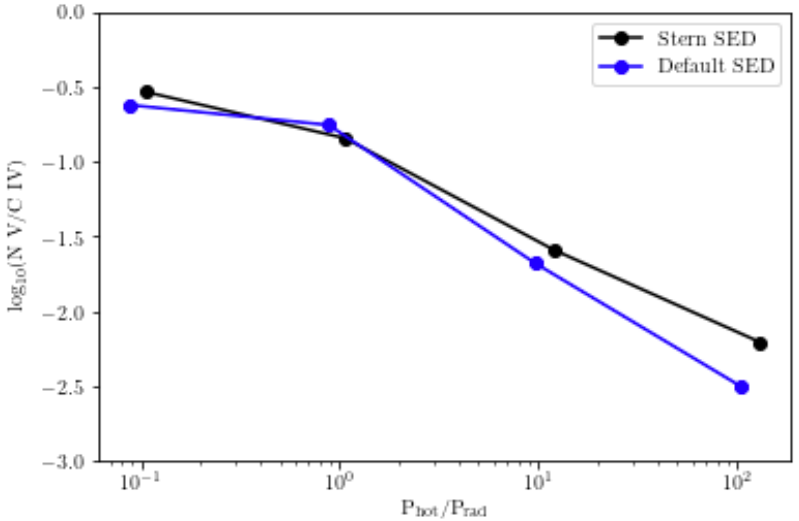
Input Files (Not ISM Abundances)

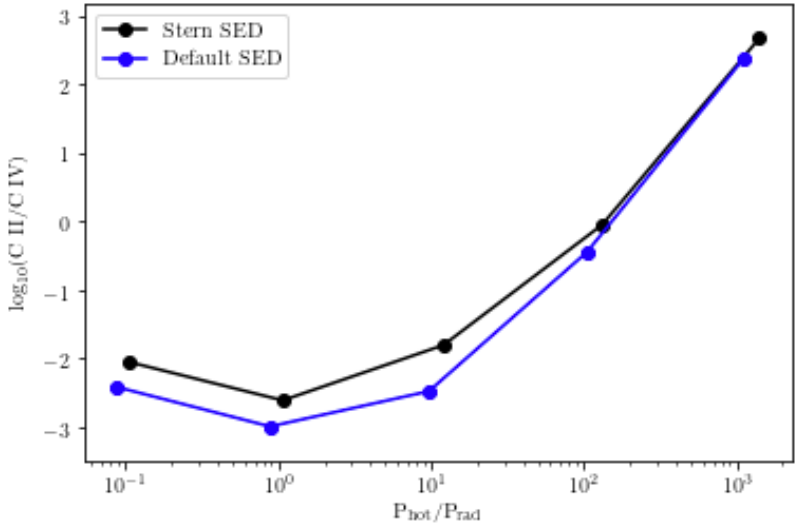
```
agn 6.00 -1.4 -0.5 -1.0
phi(H) 11.8
radius 4 parsec
stop column density 23.000000
hden 3
#
metals 1.0000000000000
constant pressure set 5 reset
No radiation pressure
element nitrogen scale 1.000000
element helium scale 1.000000
element sodium scale 6.455500
#
iterate to convergence max=10
```

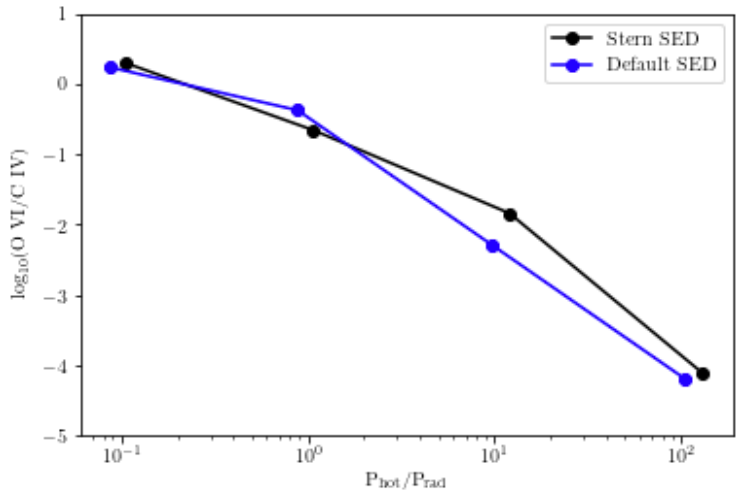
```
interpolate (7.517249 19.070000) (14.477121
21.366758) (15.435729 20.887454)
(17.684730 17.289053) (19.684730
15.289053) (22.392310 9.873892)
phi(H) 11.8
radius 4 parsec
stop column density 23.000000
hden 3
#
metals 1.0000000000000
constant pressure set 5 reset
No radiation pressure
element nitrogen scale 1.000000
element helium scale 1.000000
element sodium scale 6.455500
#
iterate to convergence max=10
```

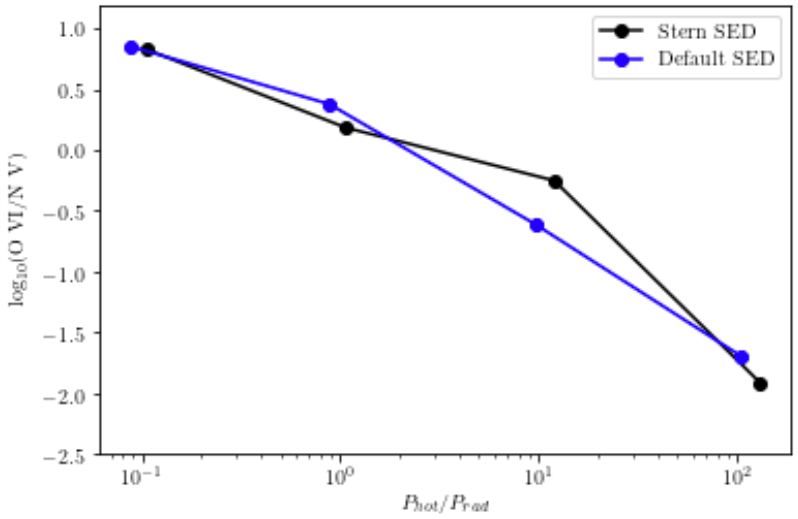
Line Ratios (Not ISM Abundances)











Input Files (ISM Abundances)

agn 6.00 -1.4 -0.5 -1.0 phi(H) 11.8 radius 4 parsec stop column density 23.000000 hden 3 # abundances ism metals and grains 1.0000 constant pressure set 8 reset No radiation pressure element nitrogen scale 1.000000 element helium scale 1.000000 element sodium scale 6.455500 # iterate to convergence max=10	interpolate (7.517249 19.070000) (14.477121 21.366758) (15.435729 20.887454) (17.684730 17.289053) (19.684730 15.289053) (22.392310 9.873892) phi(H) 11.8 radius 4 parsec stop column density 23.000000 hden 3 # abundances ism metals and grains 1.0000 constant pressure set 8 reset No radiation pressure element nitrogen scale 1.000000 element helium scale 1.000000 element sodium scale 6.455500 # iterate to convergence max=10

Line Ratios (ISM Abundances)