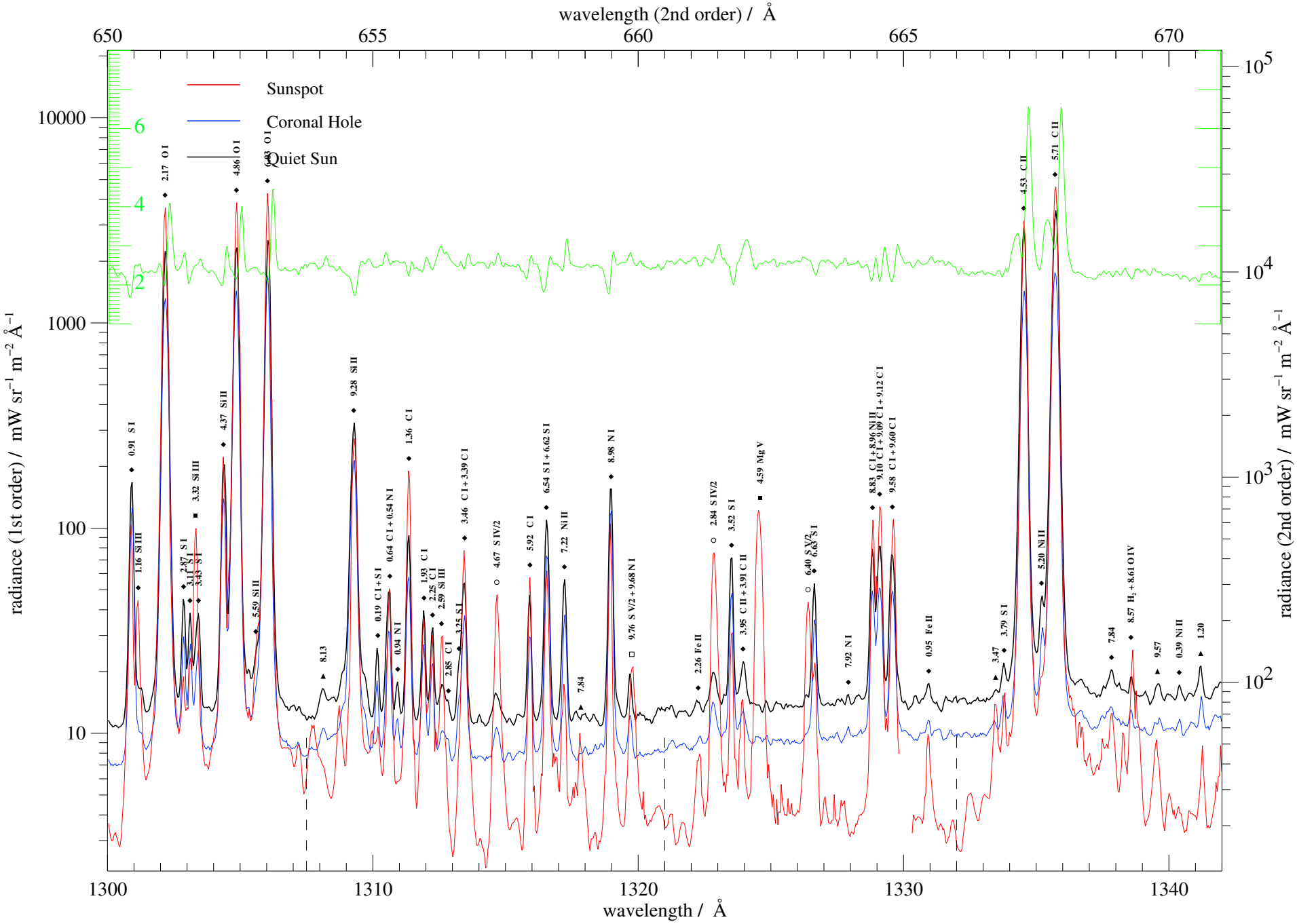
wavelength (2nd order) / Å
650
655
660
665
670
Sunspot
Coronal Hole
Quiet Sun
6
4
2
10000
1000
100
10
10^5
10^4
10^3
10^2
radiance (1st order) / mW sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / mW sr^{-1} m^{-2} Å^{-1}
0.91 S I
1.16 Si III
2.17 O I
2.87 S I
3.11 S I
3.32 Si III
3.43 S I
4.37 Si II
4.86 O I
5.59 Si II
6.03 O I
8.13
9.28 Si II
0.19 C I + S I
0.64 C I + 0.54 N I
0.94 N I
1.36 C I
1.93 C I
2.25 C I
2.59 Si III
2.85 C I
3.25 S I
3.46 C I + 3.39 C I
4.67 S IV/2
5.92 C I
6.54 S I + 6.62 S I
7.22 Ni II
7.84
8.98 N I
9.76 S V/2 + 9.68 N I
2.26 Fe II
2.84 S IV/2
3.52 S I
3.95 C II + 3.91 C II
4.59 Mg V
6.40 S V/2
6.63 S I
7.92 N I
8.83 C I + 8.96 Ni II
9.10 C I + 9.09 C I + 9.12 C I
9.58 C I + 9.60 C I
0.95 Fe II
3.47
3.79 S I
4.53 C II
5.20 Ni II
5.71 C II
7.84
8.57 H_2 + 8.61 O IV
9.57
0.39 Ni II
1.20
1300
1310
1320
1330
1340
wavelength / Å

wavelength (2nd order) / Å
radiance (2nd order) / mW sr^{-1} m^{-2} Å^{-1}
wavelength / Å
radiance (1st order) / mW sr^{-1} m^{-2} Å^{-1}
1.05 C III/2
0.23
9.18 Mg VIII/2
9.42 Fe I
9.59 Ni II
8.56 Ni II
6.67 Fe II
5.20 Fe II
4.69 C III/2
4.08 Ni II
3.99 O
3.00
2.70 N III/2
2.29 Fe II
1.58 N III/2
1.02 Fe II + 1.00 N III/2
1.32 O V
0.12 Ni II + 0.00 N III/2
9.55
9.71 Fe II
8.45 + 8.57 Fe II
8.09 Fe II
7.23
6.43
6.39 Fe II
5.51 Na V
4.87 Na V
4.38 Fe II
4.16 C I
3.48 Na IX/2
2.75 Fe II
1.37 Fe II + 1.40 S III/2
0.78 Al IX/2
0.17 Fe II
9.28 C I + 9.44 C I
8.77
8.51 O I
8.19 C I
7.66 C I
7.13 C I
6.47 H$_2$
5.84
5.60 O I
4.80
4.29 C I
3.02 Si IX/2
1.66 Cl I
0.12
9.43 Fe XII
8.79
7.06
5.95 Ni II ?
5.51
5.16
3.64
2.90
2.28 Ni II ?
1.20