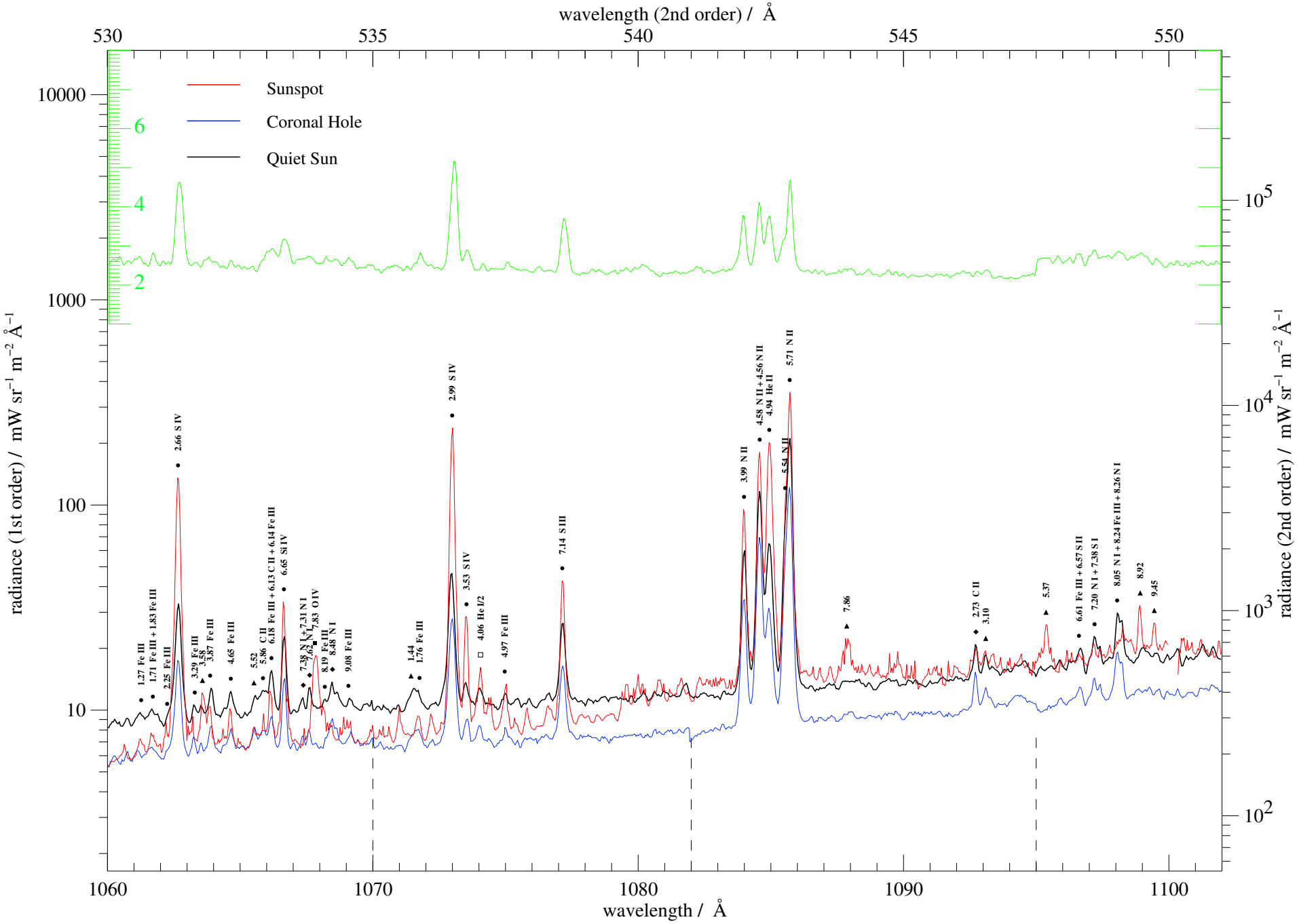
wavelength (2nd order) / Å
530
535
540
545
550
Sunspot
Coronal Hole
Quiet Sun
radiance (1st order) / mW sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / mW sr^{-1} m^{-2} Å^{-1}
wavelength / Å
1060
1070
1080
1090
1100
10000
1000
100
10
10^5
10^4
10^3
10^2
6
4
2
1.27 Fe III
1.71 Fe III + 1.83 Fe III
2.25 Fe III
2.66 S IV
3.29 Fe III
3.58
3.87 Fe III
4.65 Fe III
5.52
5.86 C II
6.18 Fe III + 6.13 C II + 6.14 Fe III
6.65 Si IV
7.38 N I + 7.31 N I
7.62
7.83 O IV
8.19 Fe III
8.48 N I
9.08 Fe III
1.44
1.76 Fe III
2.99 S IV
3.53 S IV
4.06 He I/2
4.97 Fe III
7.14 S III
3.99 N II
4.58 N II + 4.56 N II
4.94 He II
5.54 N II
5.71 N II
7.86
2.73 C II
3.10
5.37
6.61 Fe III + 6.57 S II
7.20 N I + 7.38 S I
8.05 N I + 8.24 Fe III + 8.26 N I
8.92
9.45

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}
2.38 S II
3.60 C I
3.86 C I
4.16 C I
4.55 C I
4.96 C I
5.14 C I
5.47 C I
5.75 C I
6.07 C I
6.29 C I
6.50 C I
6.80 C I
7.34 C I
7.70 C I
8.10 C I
8.44 C I
8.48 S IV
8.97 S IV
9.12 O IV
9.24 C I
9.53 C I
9.60 C I
0.00 Si III + 9.84 C I
0.19 C I + 0.17 C I
0.52 O IV 2 + 0.44 + 0.67
1.01 C I
1.42 C I
1.60 C I
1.96 C I + 1.99 C I
2.22 C I
2.47 C I
2.80 C I + 2.82 C I
3.23 Si III + 3.15 S III
3.86 C I
4.00 C I
4.39 3 x C I
4.64 C I
5.21 C I + 5.17 C I
5.52 Ca X 2
7.20 C I
7.24 Ne VI 2
7.58 C I + 7.72 C I
7.88 C I + 7.98 P V
8.18 C I + 8.07 C I
8.49 C I + 8.41 C I
8.90
9.10 H_2
1.65 C I + 1.47 C I
1.91 C I
2.13 C I + 2.33 C I
2.52 Si IV + 2.44 C I + 2.53 Fe III
2.76 Ne VII 2 + 2.65 C I + 2.79 C I + 2.85 C I
3.11 C I + 2.99 C I
3.46 Ne VII 2
4.13
4.88 Fe III
5.66 Ne VI 2
6.72 Fe III + 6.85 S III
7.23 Si VII
6.82 Ne V 2
6.56 Ne V
8.00
8.09 Fe III + 8.06 Ne VI 2
8.35 Si IV
8.72 Fe III
9.16 C I + 9.14 C I + 9.19 Fe III
9.04 Ne VII 2
0.35 C I
0.62 C I
9.38 C II
9.81 C I + 9.77 C I
9.72 Ne V 2
8.38 C I
8.56 C I
8.95 C I + 8.94 C II + 9.04 C I
5.40 Si VII
5.55
4.16 N I
4.40 N I
4.98 N I
3.68 Al VI ?
1.92 Fe III
1.62 S II
2.35
2.88
1.20 Fe III + 1.01
0.40 Fe III
9.60 C I
9.92 C I