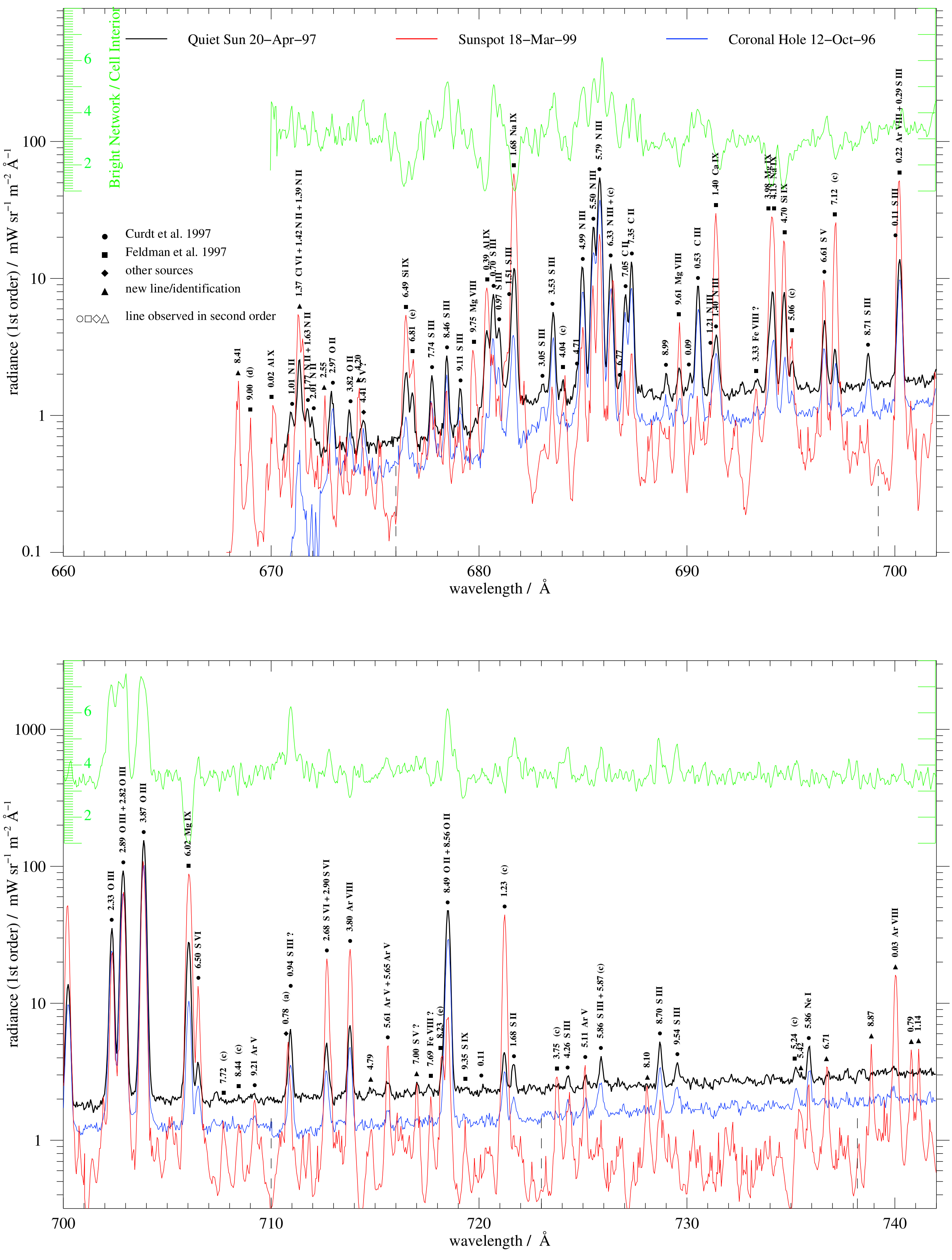
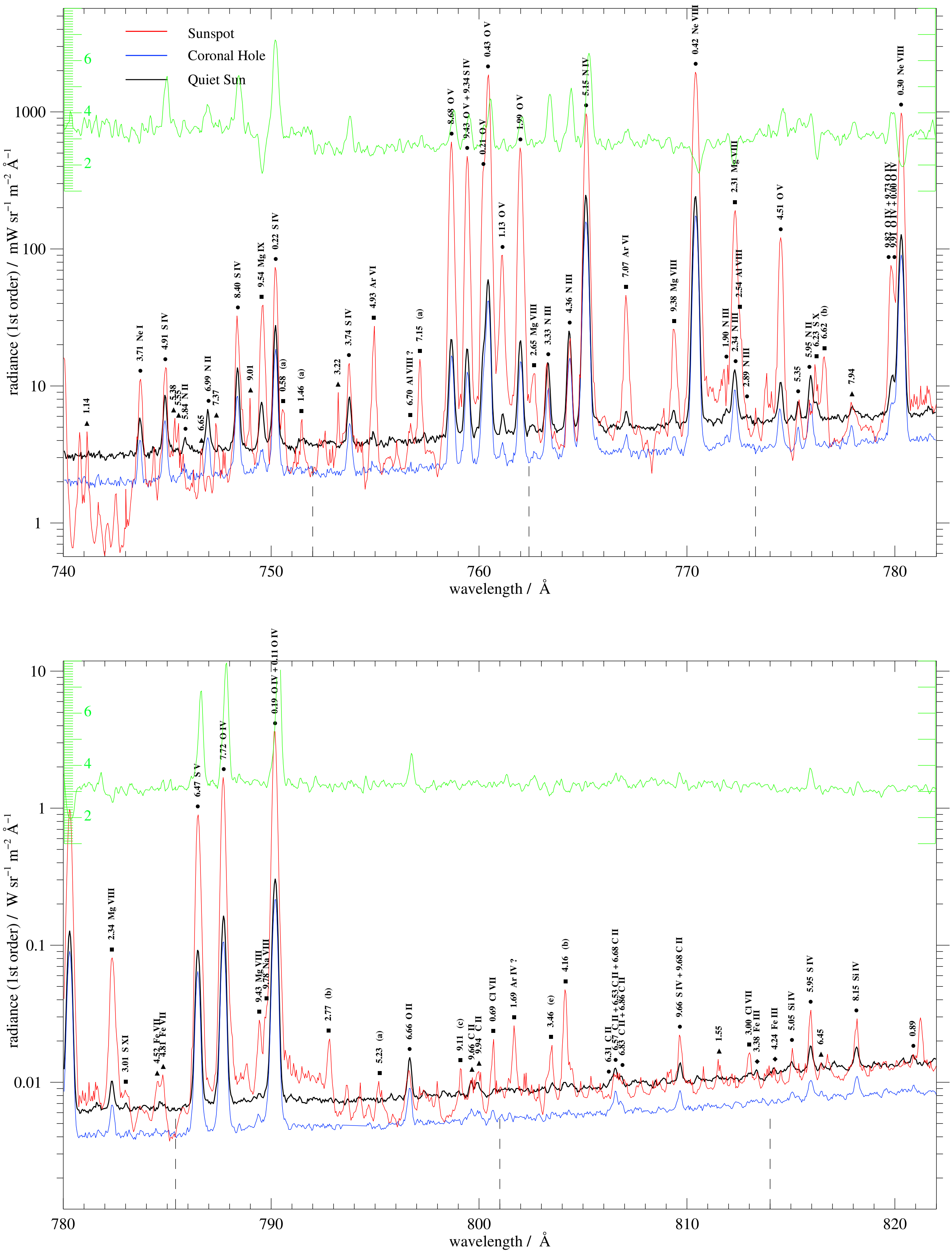
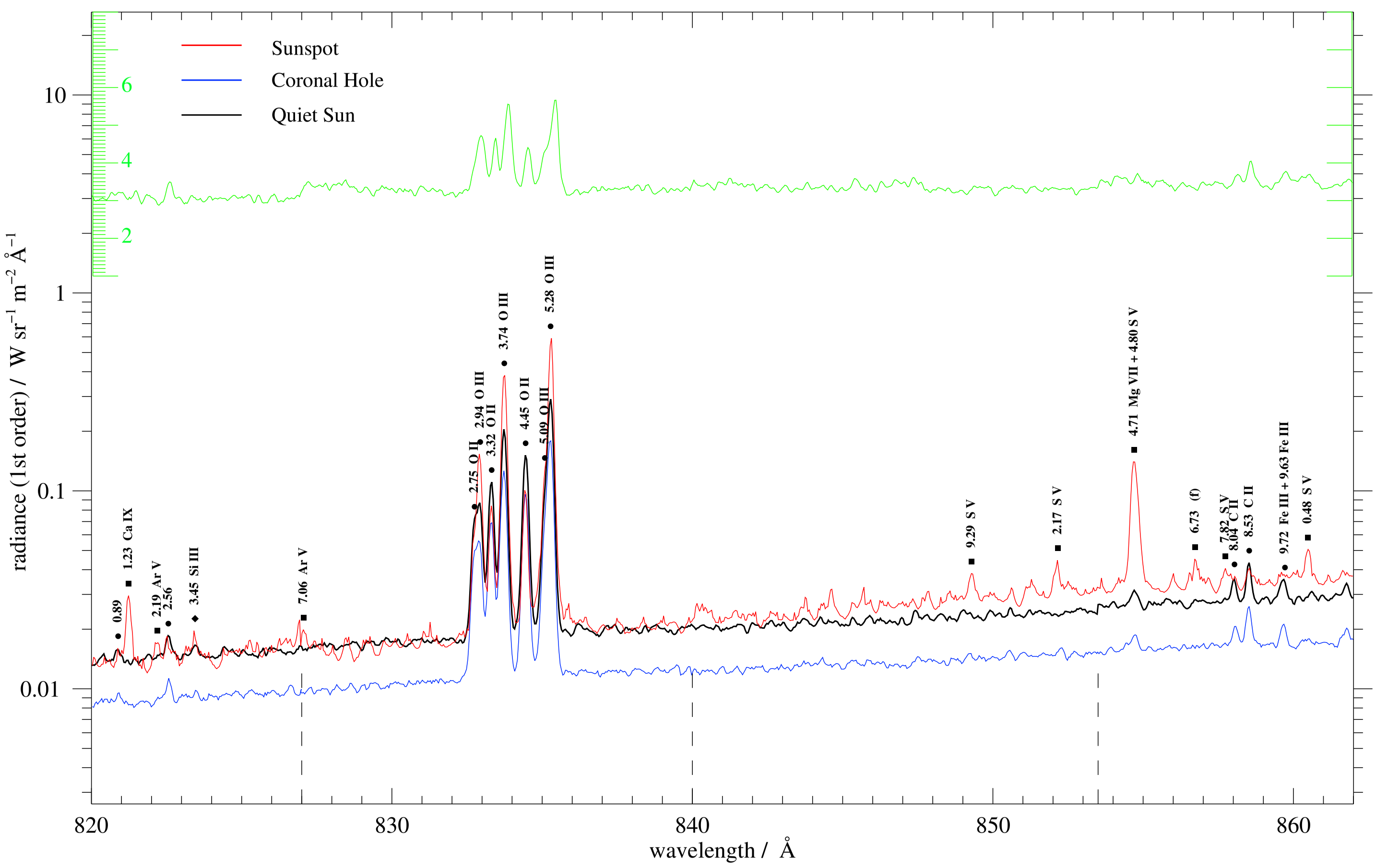


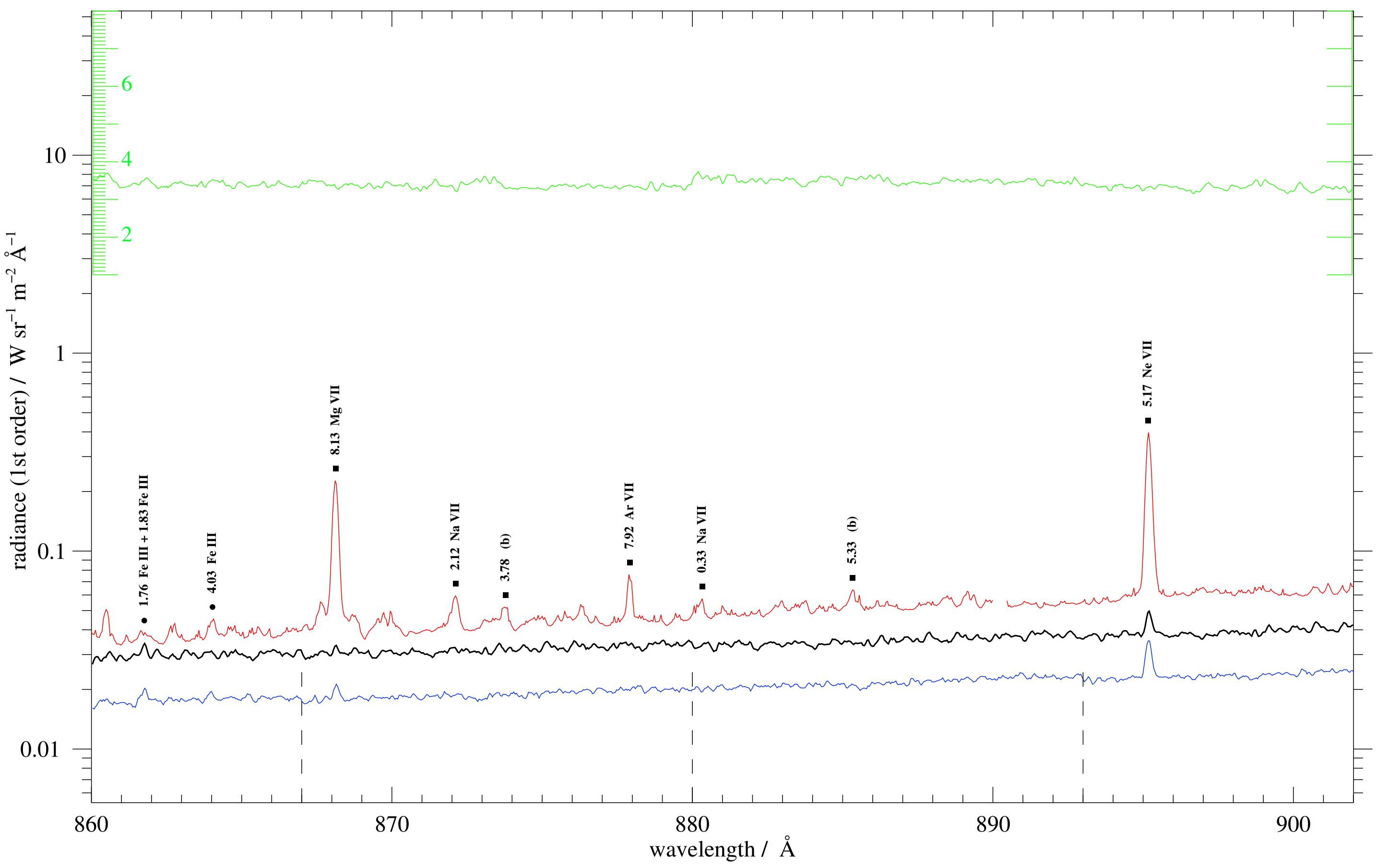
Quiet Sun 20–Apr–97
Sunspot 18–Mar–99
Coronal Hole 12–Oct–96
Bright Network / Cell Interior
Curdt et al. 1997
Feldman et al. 1997
other sources
new line/identification
line observed in second order
radiance (1st order) / mW sr^{-1} m^{-2} Å^{-1}
wavelength / Å



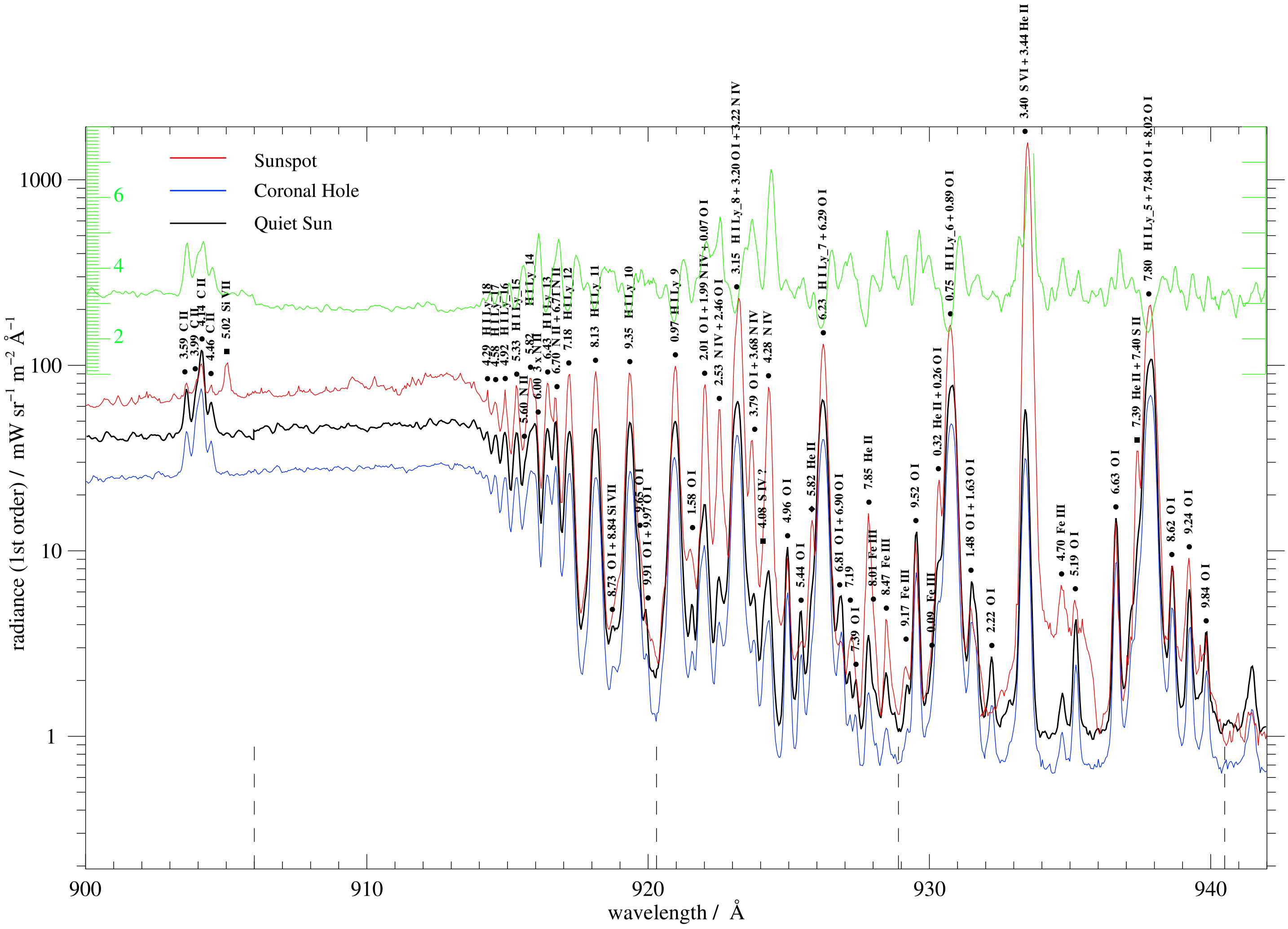
radiance (1st order) / mW sr^{-1} m^{-2} Å^{-1}
Sunspot
Coronal Hole
Quiet Sun
wavelength / Å
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å

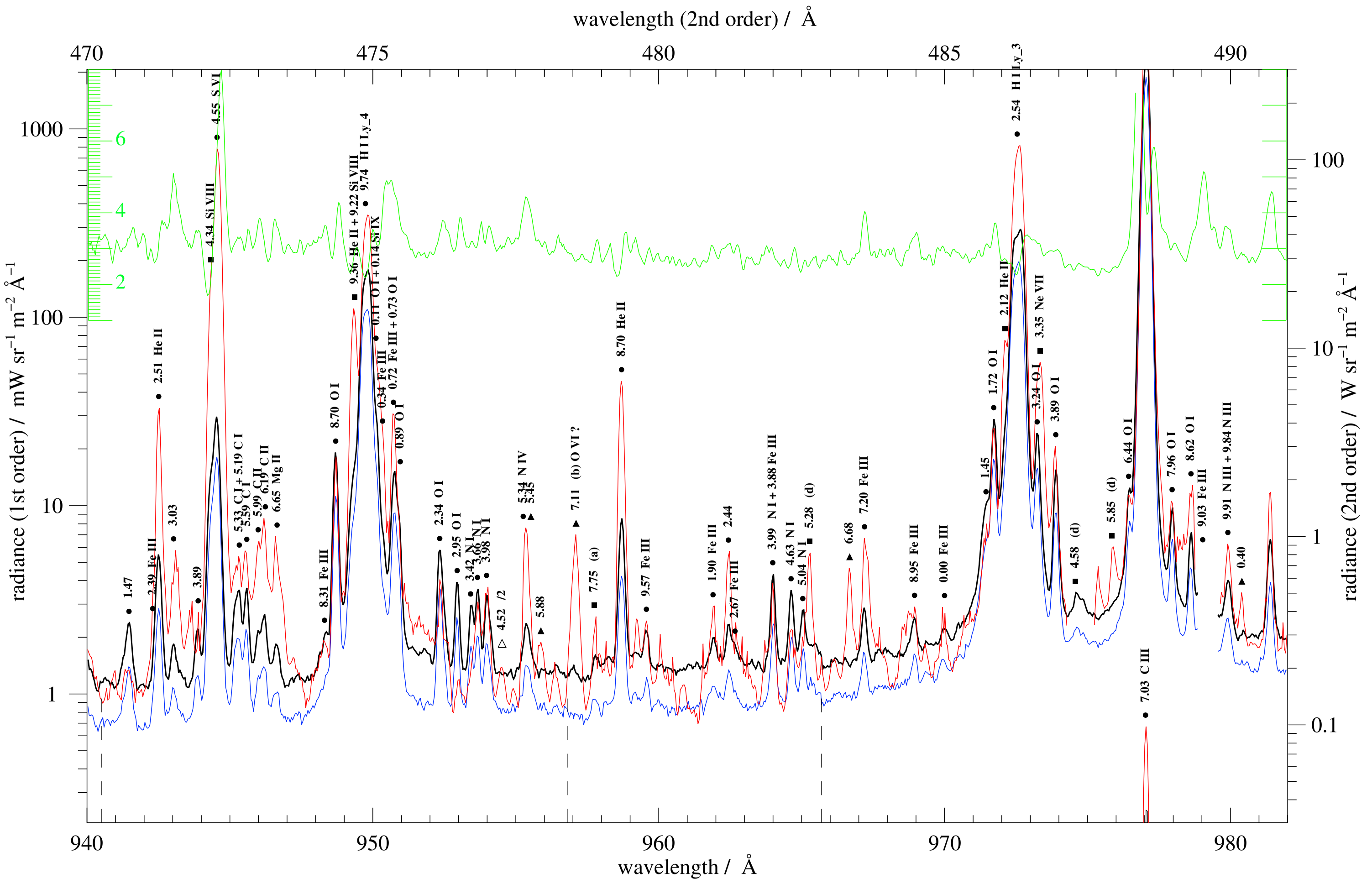


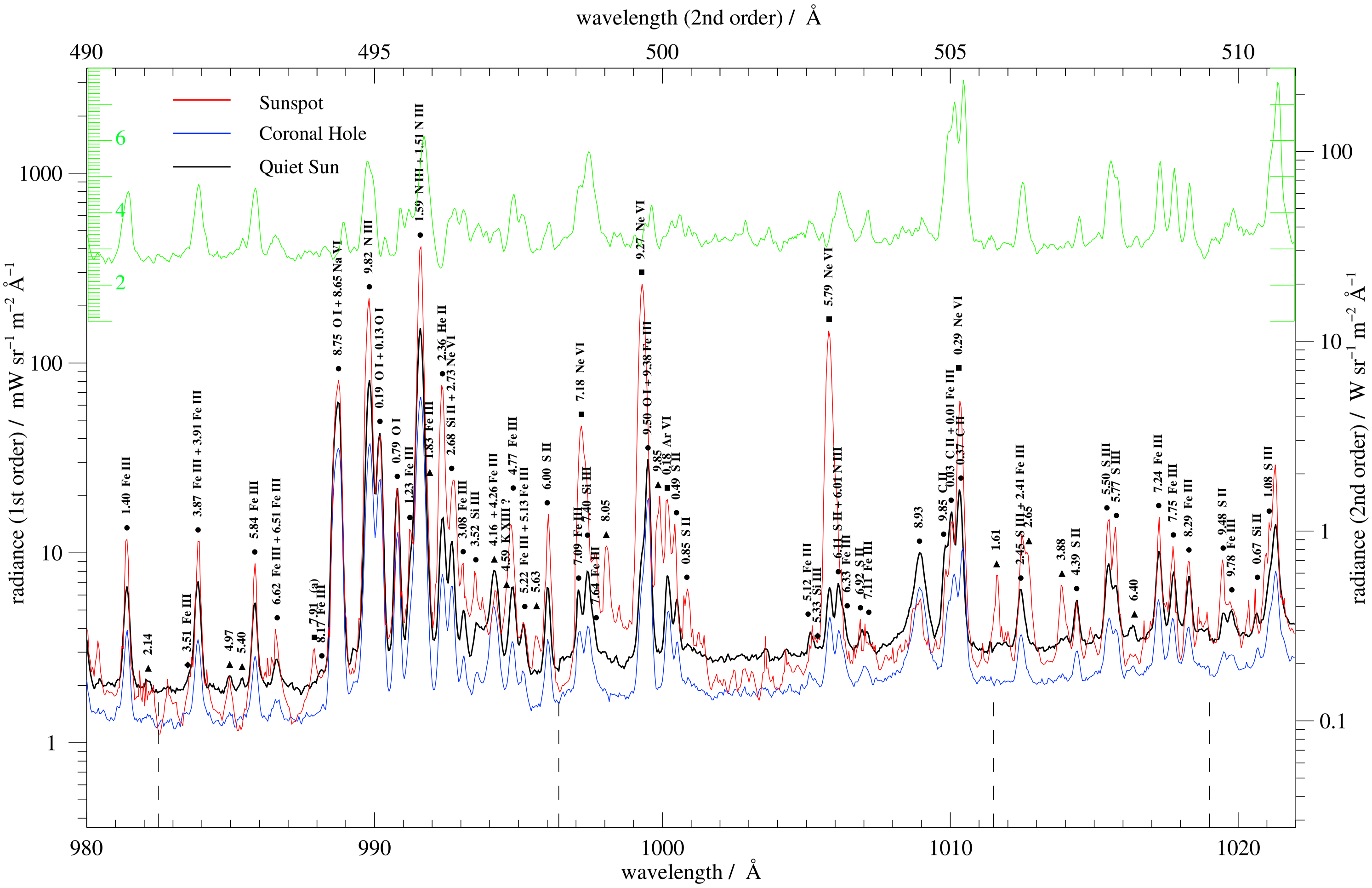
Sunspot
Coronal Hole
Quiet Sun
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å
0.89
1.23 Ca IX
2.19 Ar V
2.56
3.45 Si III
7.06 Ar V
2.75 O II
2.94 O III
3.32 O II
3.74 O III
4.45 O II
5.09 O III
5.28 O III
9.29 S V
2.17 S V
4.71 Mg VII + 4.80 S V
6.73 (f)
7.82 S V
8.04 C II
8.53 C II
9.72 Fe III + 9.63 Fe III
0.48 S V

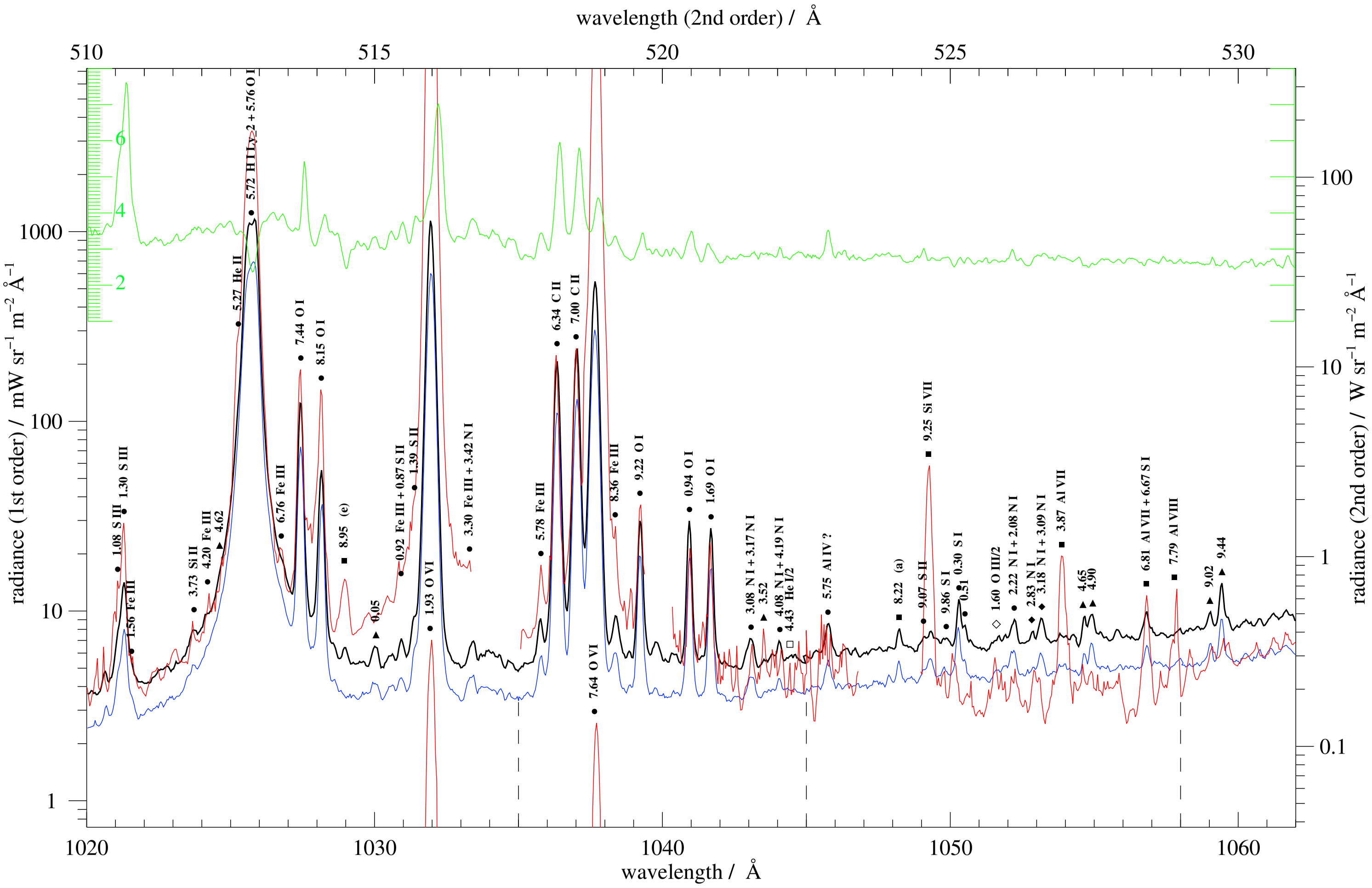


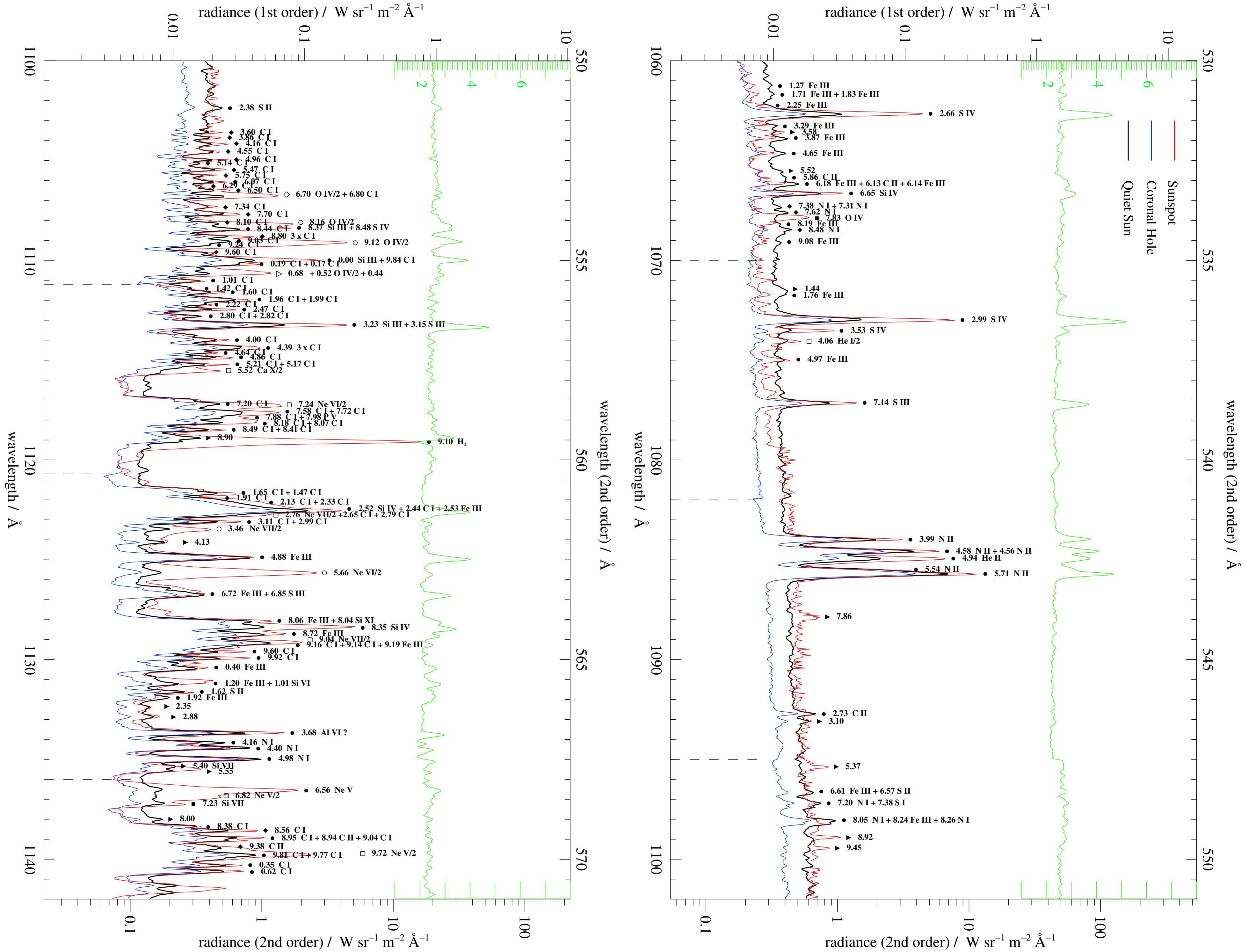
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å
1.76 Fe III + 1.83 Fe III
4.03 Fe III
8.13 Mg VII
2.12 Na VII
3.78 (b)
7.92 Ar VII
0.33 Na VII
5.33 (b)
5.17 Ne VII


Sunspot
Coronal Hole
Quiet Sun
radiance (1st order) / mW sr^{-1} m^{-2} Å^{-1}
wavelength / Å
3.59 C II
3.99 C II
4.14 C II
4.46 C II
5.02 Si VII
4.29 H I Ly_18
4.58 H I Ly_17
4.92 H I Ly_16
5.33 H I Ly_15
5.60 N II
5.82 H I Ly_14
6.00 3 x N II
6.43 H I Ly_13
6.70 N II + 6.71 N II
7.18 H I Ly_12
8.13 H I Ly_11
8.73 O I + 8.84 Si VII
9.35 H I Ly_10
9.65 O I
9.91 O I + 9.97 O I
0.97 H I Ly_9
1.58 O I
2.01 O I + 1.99 N IV + 0.07 O I
2.53 N IV + 2.46 O I
3.15 H I Ly_8 + 3.20 O I + 3.22 N IV
3.79 O I + 3.68 N IV
4.08 S IV ?
4.28 N IV
4.96 O I
5.44 O I
5.82 He II
6.23 H I Ly_7 + 6.29 O I
6.81 O I + 6.90 O I
7.19
7.39 O I
7.85 He II
8.01 Fe III
8.47 Fe III
9.17 Fe III
9.52 O I
0.09 Fe III
0.32 He II + 0.26 O I
0.75 H I Ly_6 + 0.89 O I
1.48 O I + 1.63 O I
2.22 O I
3.40 S VI + 3.44 He II
4.70 Fe III
5.19 O I
6.63 O I
7.39 He II + 7.40 S II
7.80 H I Ly_5 + 7.84 O I + 8.02 O I
8.62 O I
9.24 O I
9.84 O I

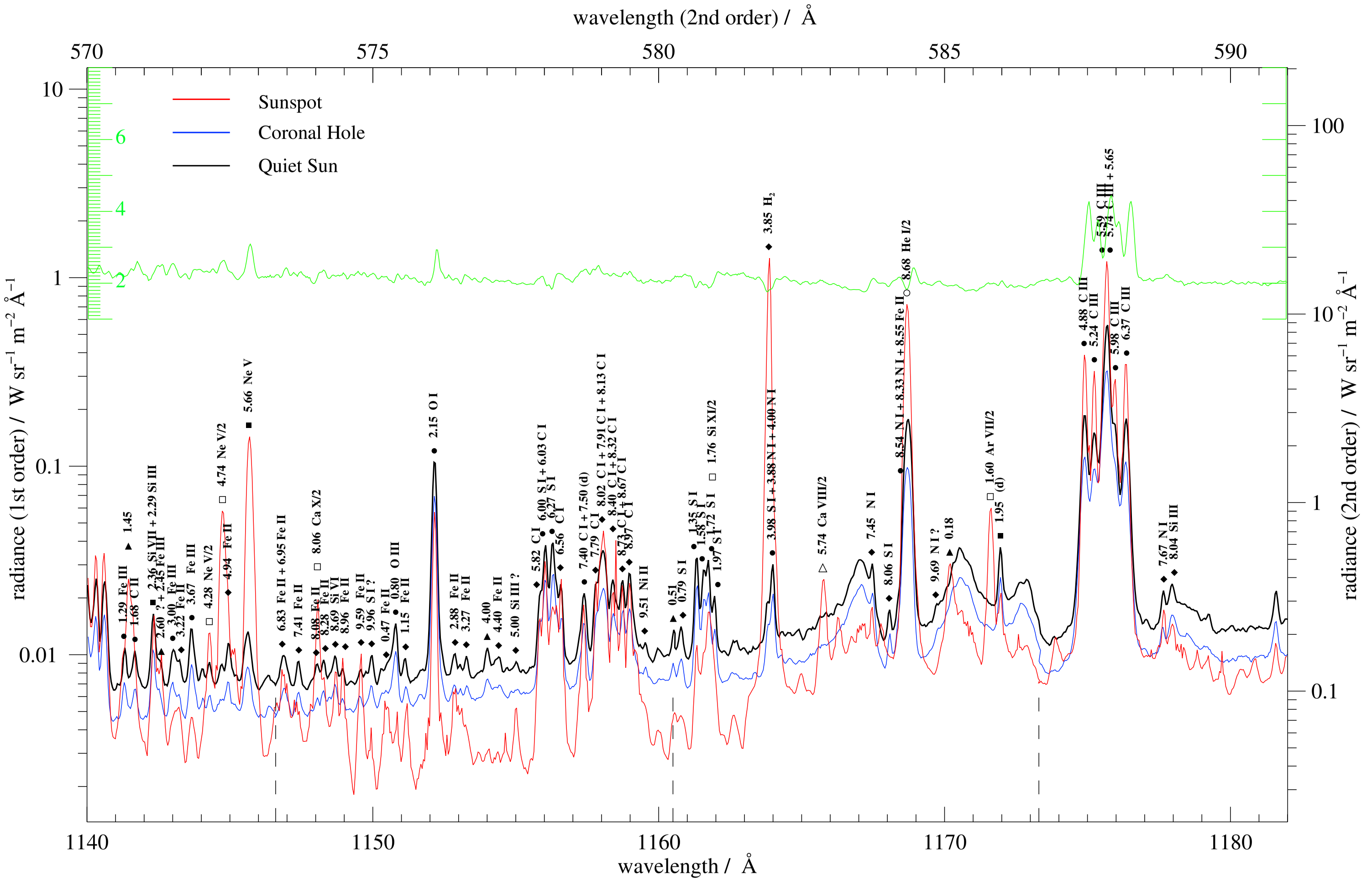

wavelength (2nd order) / Å
radiance (1st order) / mW sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å
1.47
2.39 Fe III
2.51 He II
3.03
3.89
4.34 Si VIII
4.55 S VI
5.33 C I + 5.19 C I
5.59 C I
5.99 C II
6.19 C II
6.65 Mg II
8.31 Fe III
8.70 O I
9.36 He II + 9.22 Si VIII
9.74 H I Ly_4
0.11 O I + 0.14 Si IX
0.34 Fe III
0.72 Fe III + 0.73 O I
0.89 O I
2.34 O I
2.95 O I
3.42 N I
3.66 N I
3.98 N I
4.52 /2
5.34 N IV
5.45
5.88
7.11 (b) O VI ?
7.75 (a)
8.70 He II
9.57 Fe III
1.90 Fe III
2.44
2.67 Fe III
3.99 N I + 3.88 Fe III
4.63 N I
5.04 N I
5.28 (d)
6.68
7.20 Fe III
8.95 Fe III
0.00 Fe III
1.45
1.72 O I
2.12 He II
2.54 H I Ly_3
3.24 O I
3.35 Ne VII
3.89 O I
4.58 (d)
5.85 (d)
6.44 O I
7.03 C III
7.96 O I
8.62 O I
9.03 Fe III
9.91 N III + 9.84 N III
0.40

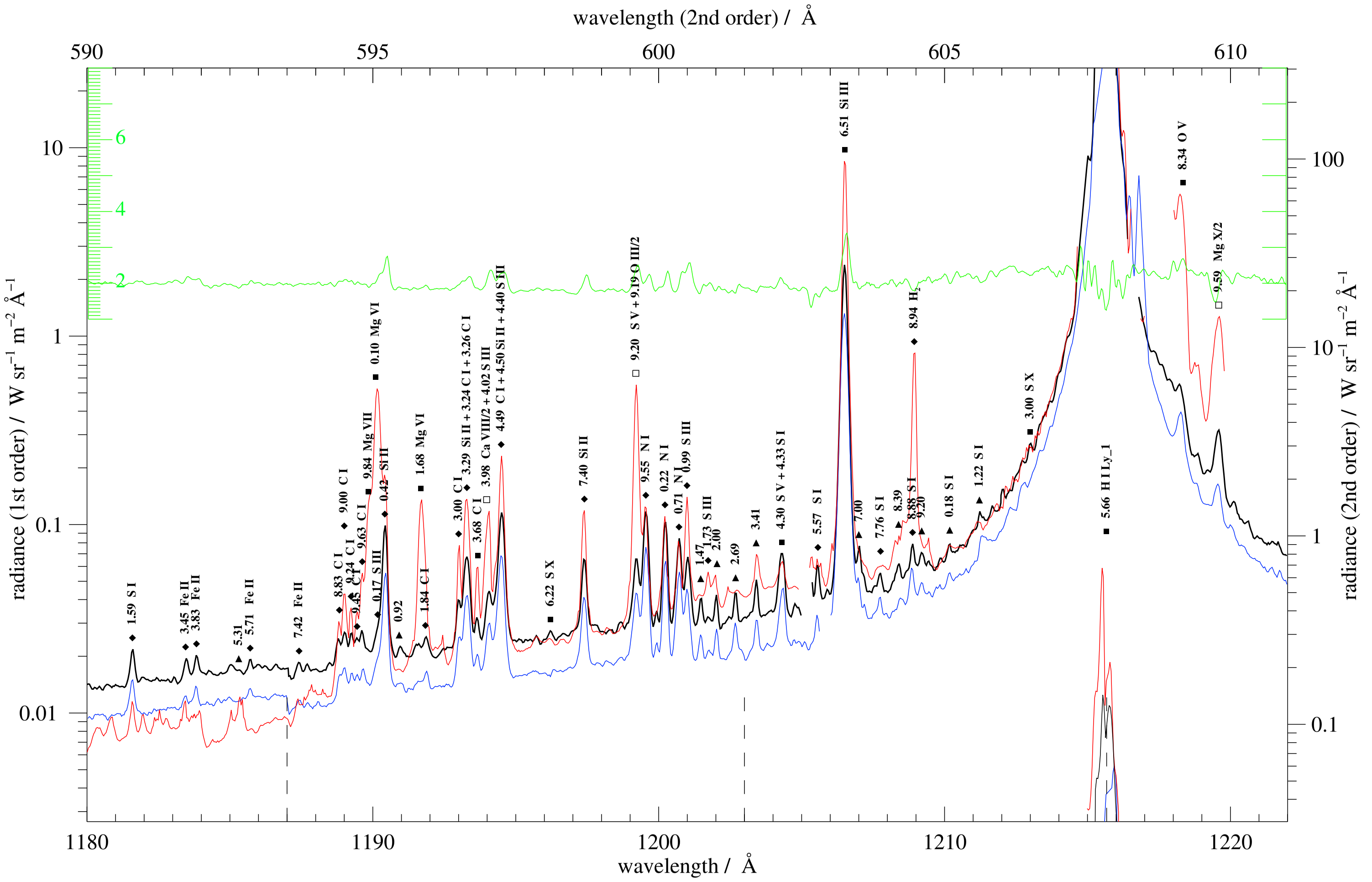

wavelength (2nd order) / Å
Sunspot
Coronal Hole
Quiet Sun
radiance (1st order) / mW sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å

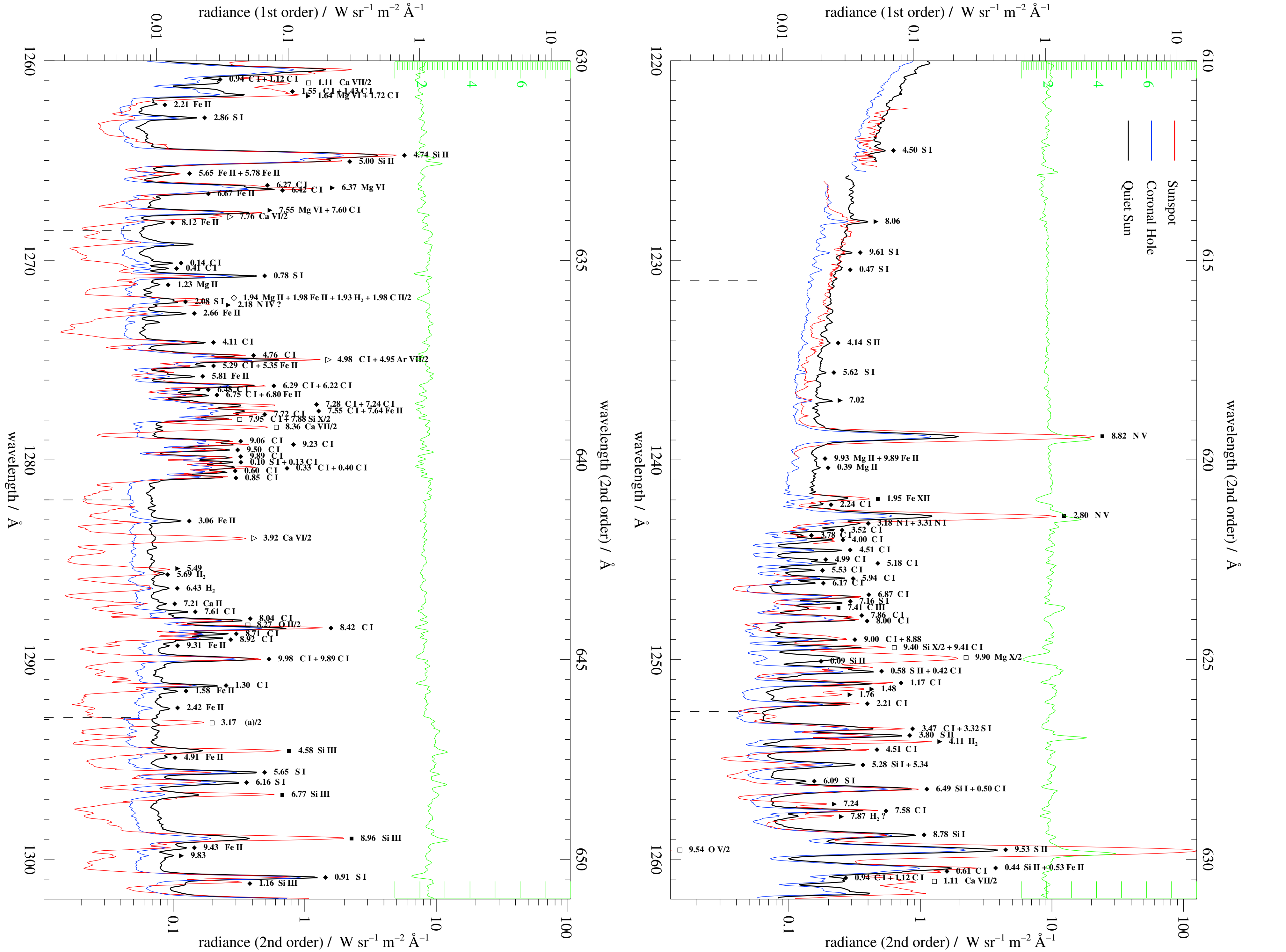

wavelength (2nd order) / Å
radiance (1st order) / mW sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å

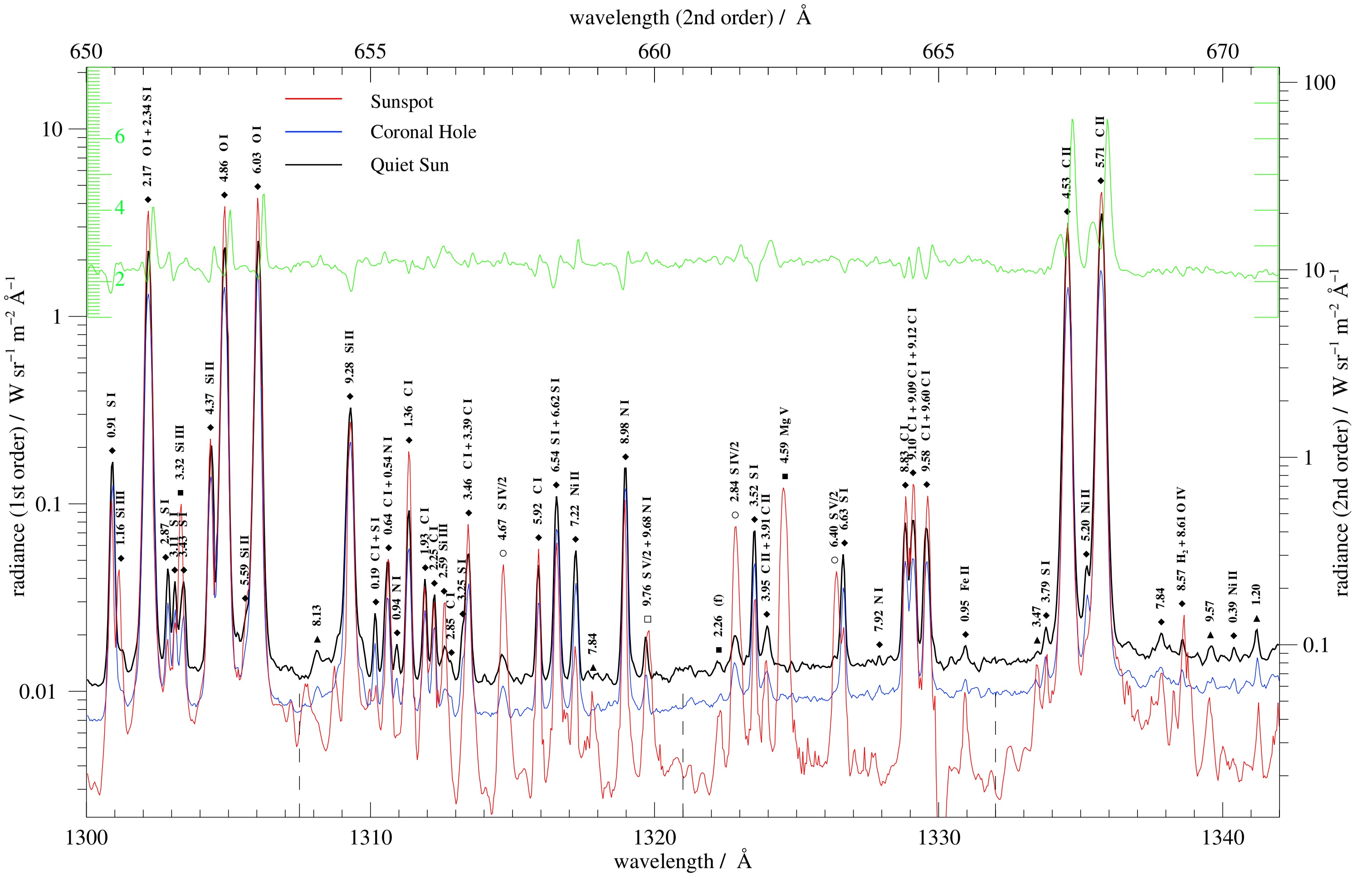


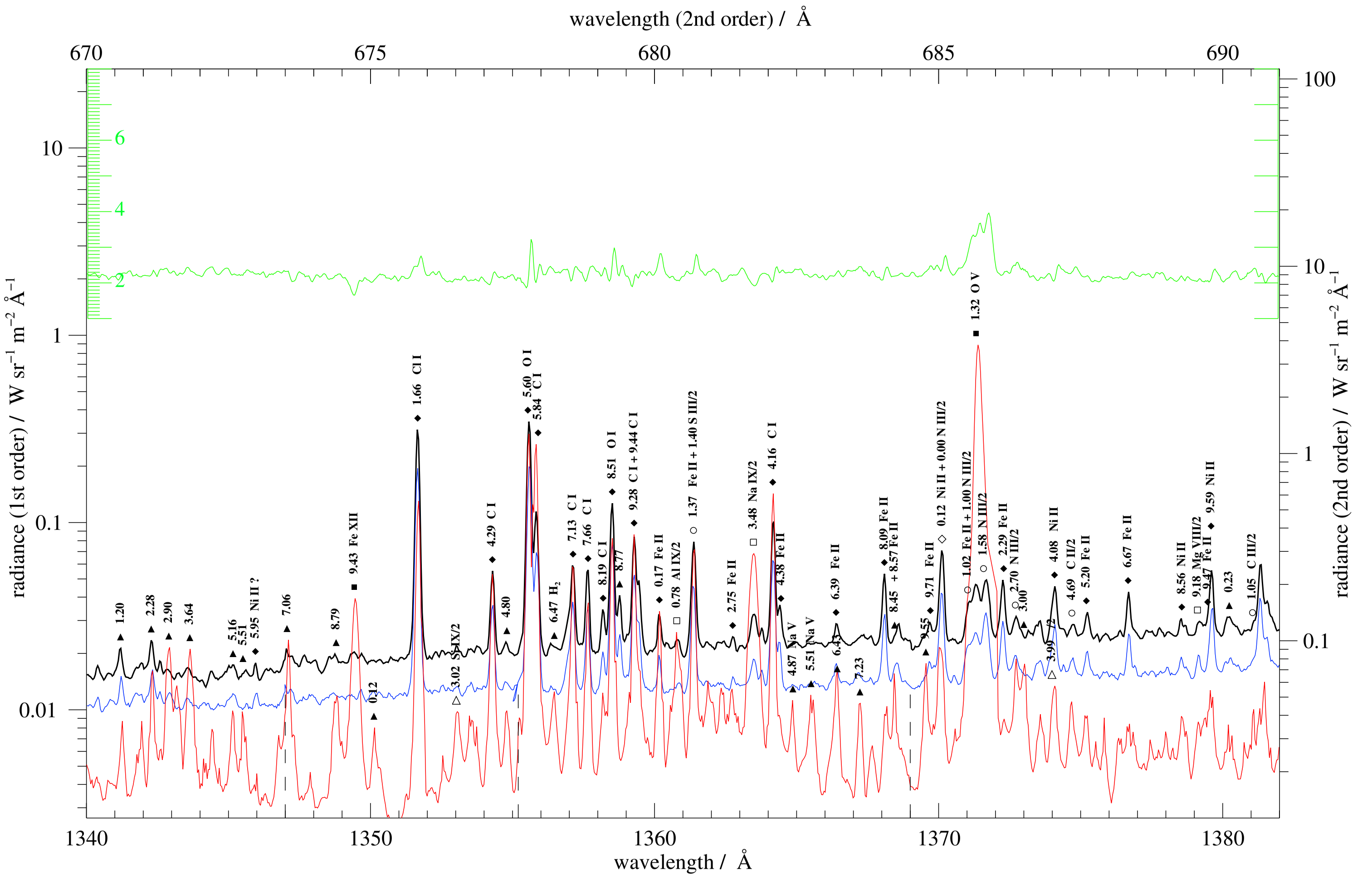
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å
wavelength (2nd order) / Å
Sunspot
Coronal Hole
Quiet Sun
1.27 Fe III
1.71 Fe III + 1.83 Fe III
2.25 Fe III
2.66 S IV
3.29 Fe III
3.58
3.87 Fe III
4.65 Fe III
5.52
5.86 C II
6.18 Fe III + 6.13 C II + 6.14 Fe III
6.65 Si IV
7.38 N I + 7.31 N I
7.62 N I
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
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
6.70 O IV/2 + 6.80 C I
7.34 C I
7.70 C I
8.10 C I
8.16 O IV/2
8.44 C I
8.37 Si III + 8.48 S IV
8.80 3 x C I
9.03 C I
9.12 O IV/2
9.24 C I
9.60 C I
0.00 Si III + 9.84 C I
0.19 C I + 0.17 C I
0.68 + 0.52 O IV/2 + 0.44
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
4.00 C I
4.39 3 x C I
4.64 C I
4.86 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
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
8.06 Fe III + 8.04 Si XI
8.35 Si IV
8.72 Fe III
9.04 Ne VII/2
9.16 C I + 9.14 C I + 9.19 Fe III
9.60 C I
9.92 C I
0.40 Fe III
1.20 Fe III + 1.01 Si VI
1.62 S II
1.92 Fe III
2.35
2.88
3.68 Al VI ?
4.16 N I
4.40 N I
4.98 N I
5.40 Si VII
5.55
6.56 Ne V
6.82 Ne V/2
7.23 Si VII
8.00
8.38 C I
8.56 C I
8.95 C I + 8.94 C II + 9.04 C I
9.38 C II
9.81 C I + 9.77 C I
9.72 Ne V/2
0.35 C I
0.62 C I

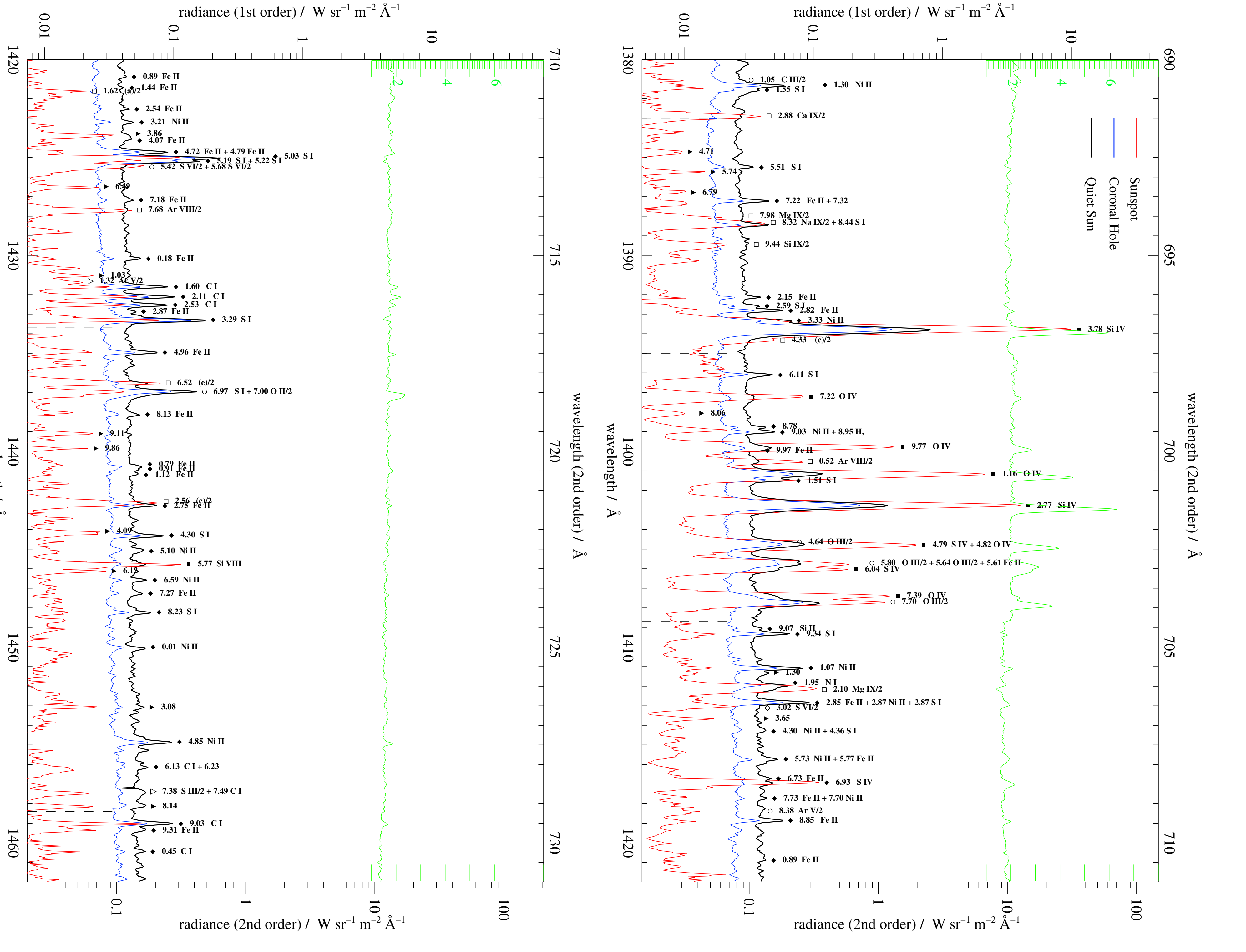

wavelength (2nd order) / Å
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å
Sunspot
Coronal Hole
Quiet Sun


wavelength (2nd order) / Å
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å

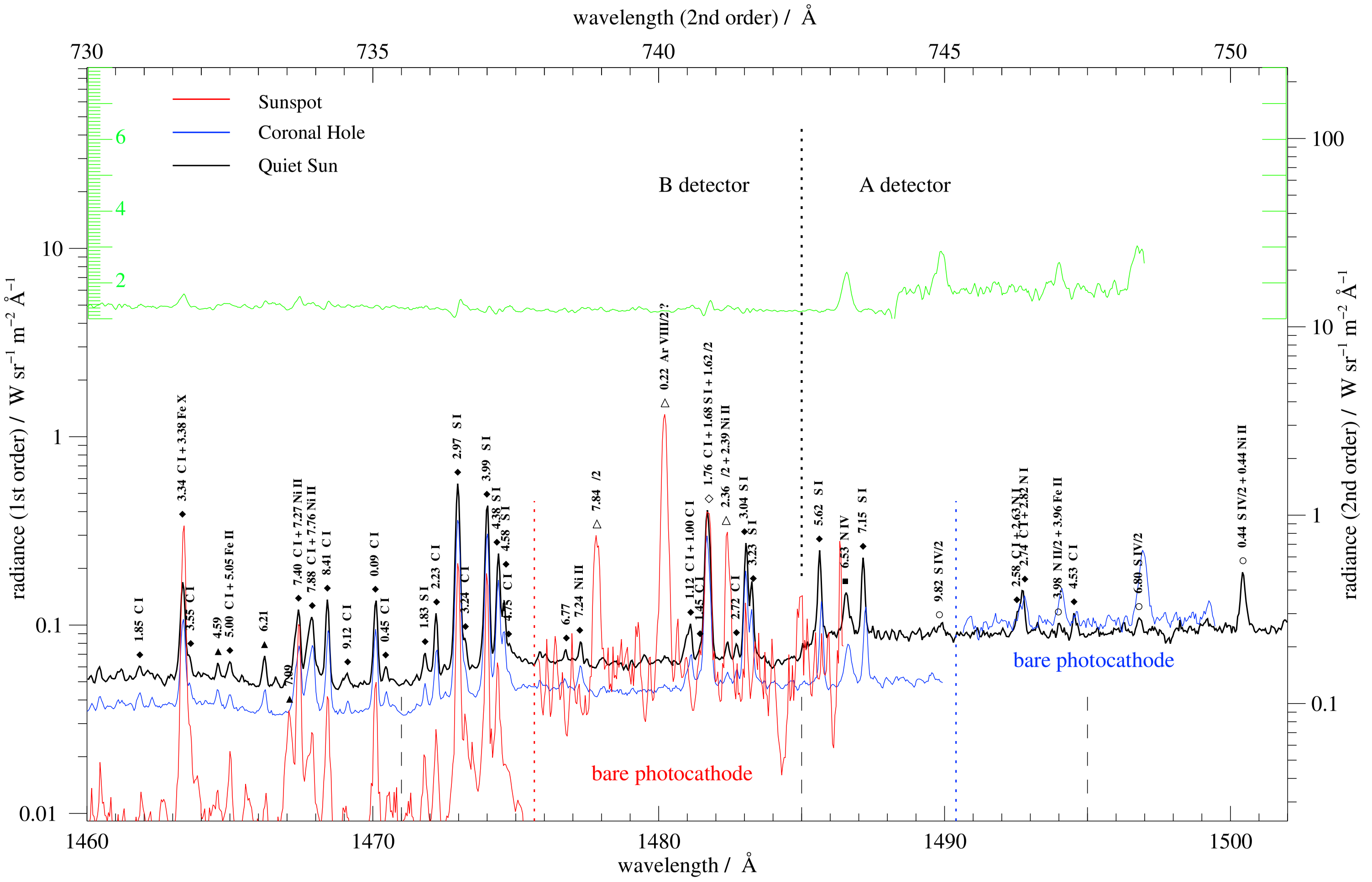

radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å
wavelength (2nd order) / Å
Sunspot
Coronal Hole
Quiet Sun
8.82 N V
2.80 N V
9.53 S II
4.74 Si II
8.96 Si III
4.58 Si III
6.77 Si III
0.91 S I

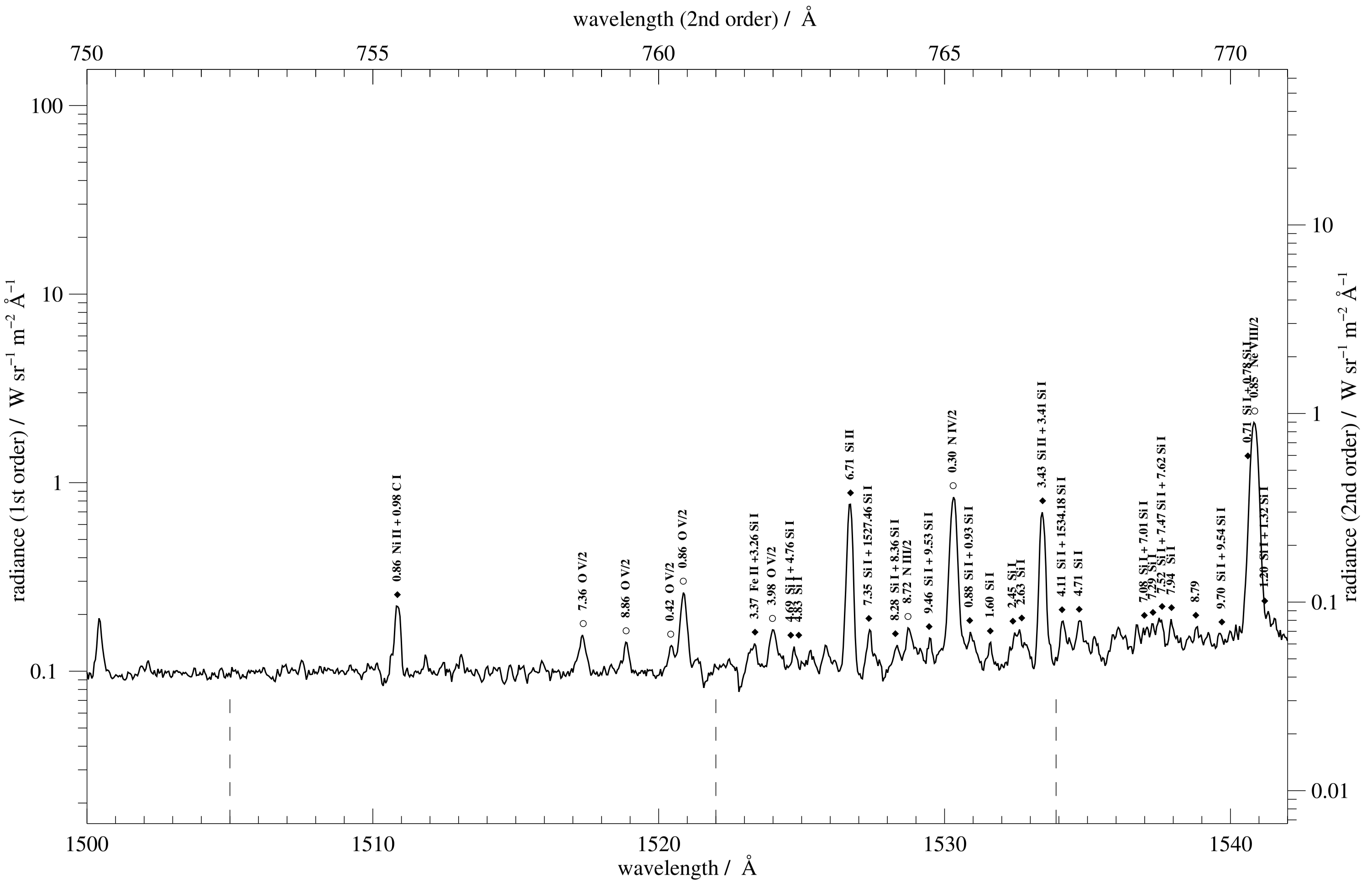

wavelength (2nd order) / Å
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å
Sunspot
Coronal Hole
Quiet Sun

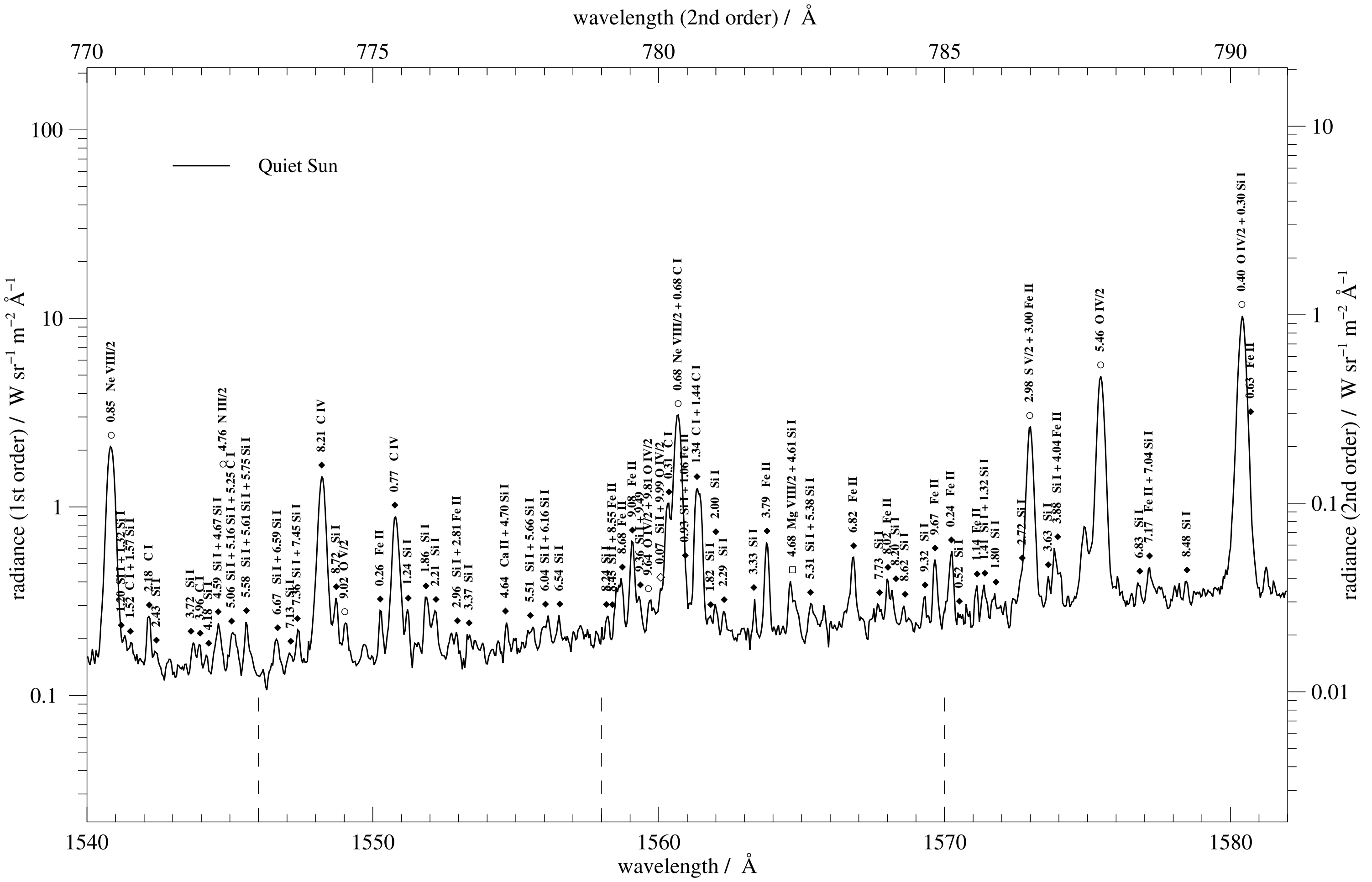

wavelength (2nd order) / Å
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å



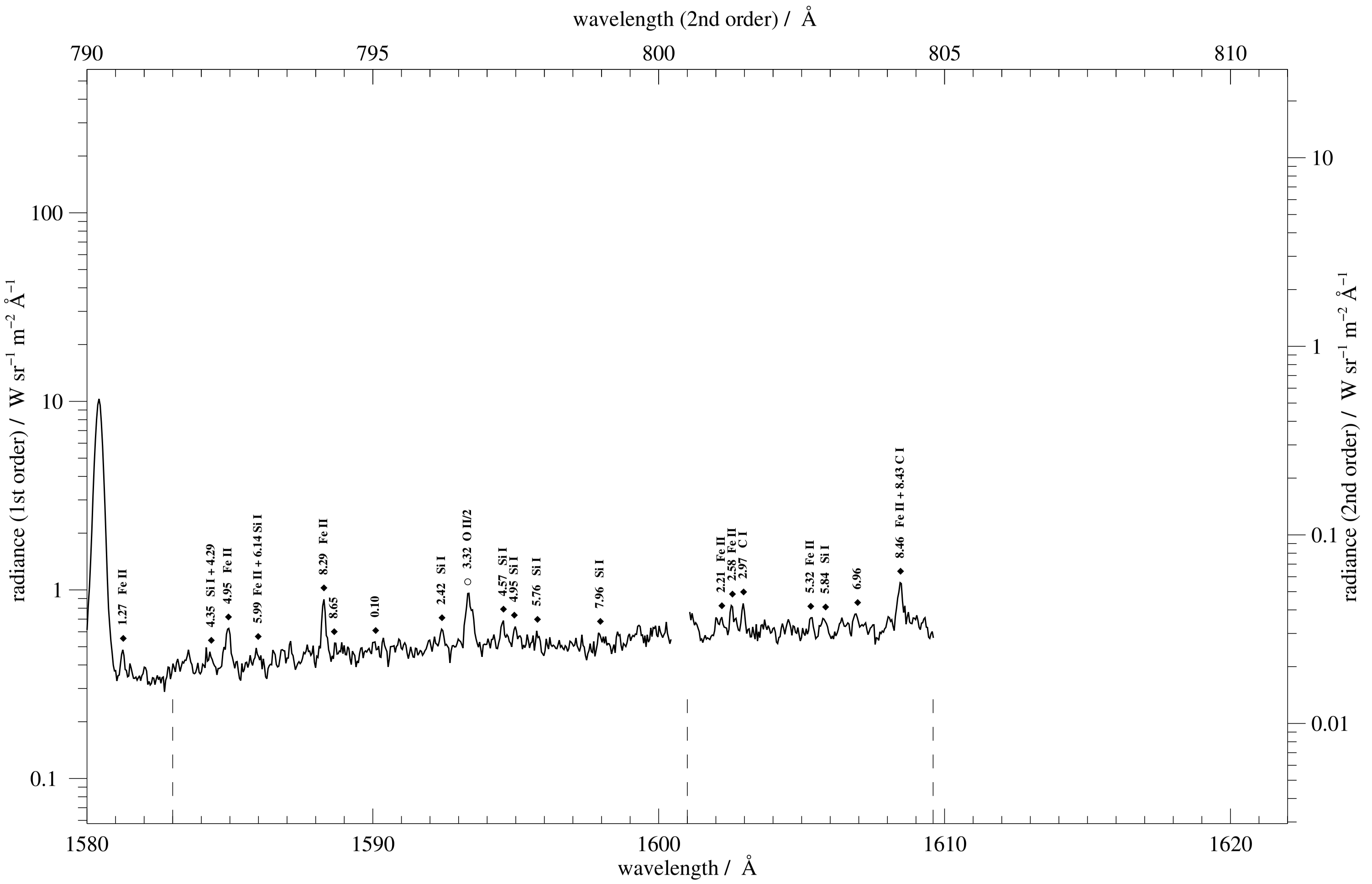
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å
wavelength (2nd order) / Å
Sunspot
Coronal Hole
Quiet Sun


wavelength (2nd order) / Å
Sunspot
Coronal Hole
Quiet Sun
B detector
A detector
bare photocathode
bare photocathode
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å


wavelength (2nd order) / Å
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å



wavelength (2nd order) / Å
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å
Quiet Sun
0.85 Ne VIII/2
1.20 Si I + 1.32 Si I
1.52 C I + 1.57 Si I
2.18 C I
2.43 Si I
3.72 Si I
3.96 C I
4.18 Si I
4.59 Si I + 4.67 Si I
4.76 N III/2
5.06 Si I + 5.16 Si I + 5.25 C I
5.58 Si I + 5.61 Si I + 5.75 Si I
6.67 Si I + 6.59 Si I
7.13 Si I
7.36 Si I + 7.45 Si I
8.21 C IV
8.72 Si I
9.02 O V/2
0.26 Fe II
0.77 C IV
1.24 Si I
1.86 Si I
2.21 Si I
2.96 Si I + 2.81 Fe II
3.37 Si I
4.64 Ca II + 4.70 Si I
5.51 Si I + 5.66 Si I
6.04 Si I + 6.16 Si I
6.54 Si I
8.24 Si I
8.45 Si I + 8.55 Fe II
8.68 Fe II
9.08 Fe II
9.36 Si I + 9.49
9.64 O IV/2 + 9.81 O IV/2
0.07 Si I + 9.99 O IV/2
0.31 C I
0.68 Ne VIII/2 + 0.68 C I
0.93 Si I + 1.06 Fe II
1.34 C I + 1.44 C I
1.82 Si I
2.00 Si I
2.29 Si I
3.33 Si I
3.79 Fe II
4.68 Mg VIII/2 + 4.61 Si I
5.31 Si I + 5.38 Si I
6.82 Fe II
7.73 Si I
8.02 Fe II
8.20 Si I
8.62 Si I
9.32 Si I
9.67 Fe II
0.24 Fe II
0.52 Si I
1.14 Fe II
1.41 Si I + 1.32 Si I
1.80 Si I
2.72 Si I
2.98 S V/2 + 3.00 Fe II
3.63 Si I
3.88 Si I + 4.04 Fe II
5.46 O IV/2
6.83 Si I
7.17 Fe II + 7.04 Si I
8.48 Si I
0.40 O IV/2 + 0.30 Si I
0.63 Fe II



wavelength (2nd order) / Å
radiance (1st order) / W sr^{-1} m^{-2} Å^{-1}
radiance (2nd order) / W sr^{-1} m^{-2} Å^{-1}
wavelength / Å
1.27 Fe II
4.35 Si I + 4.29
4.95 Fe II
5.99 Fe II + 6.14 Si I
8.29 Fe II
8.65
0.10
2.42 Si I
3.32 O II/2
4.57 Si I
4.95 Si I
5.76 Si I
7.96 Si I
2.21 Fe II
2.58 Fe II
2.97 C I
5.32 Fe II
5.84 Si I
6.96
8.46 Fe II + 8.43 C I