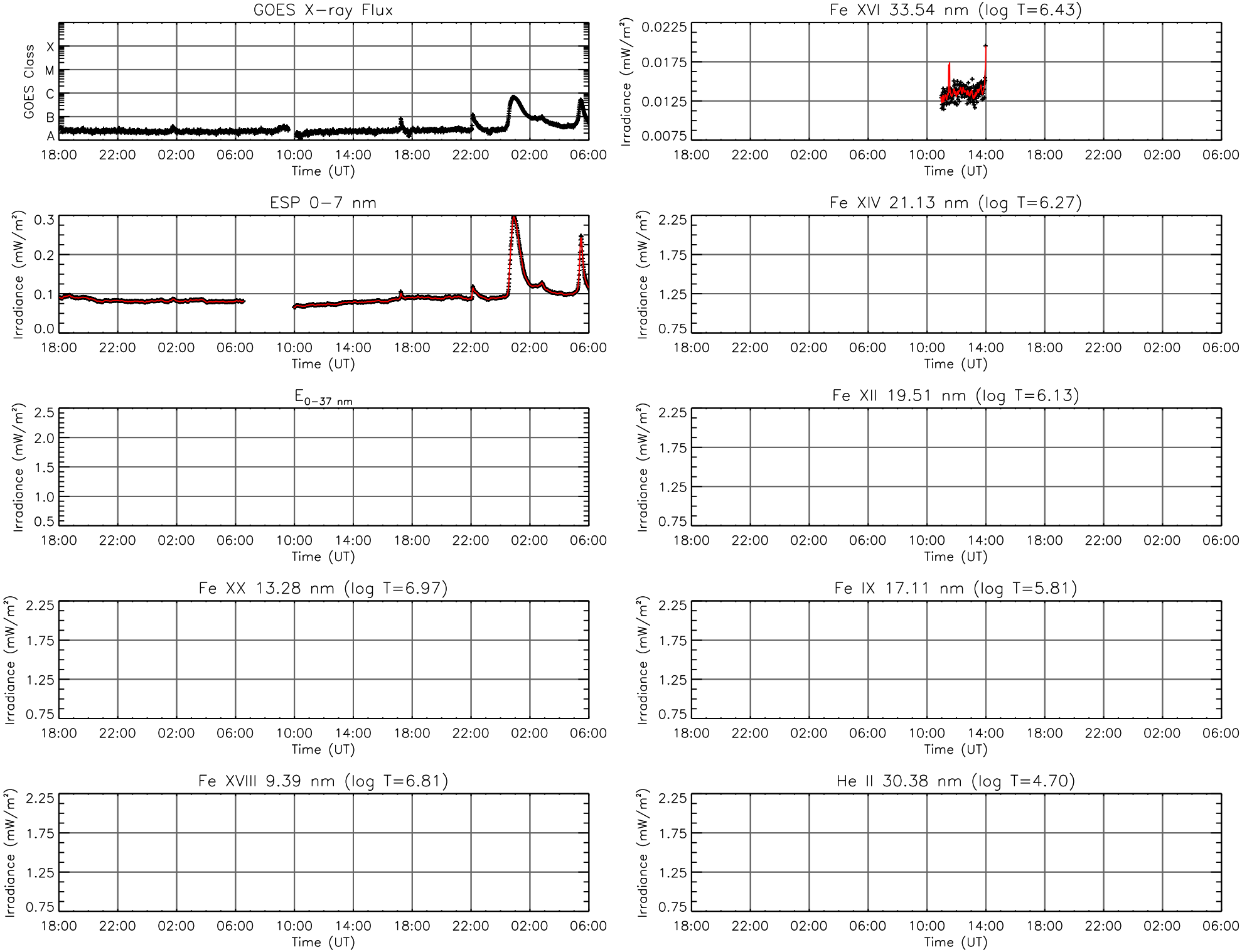
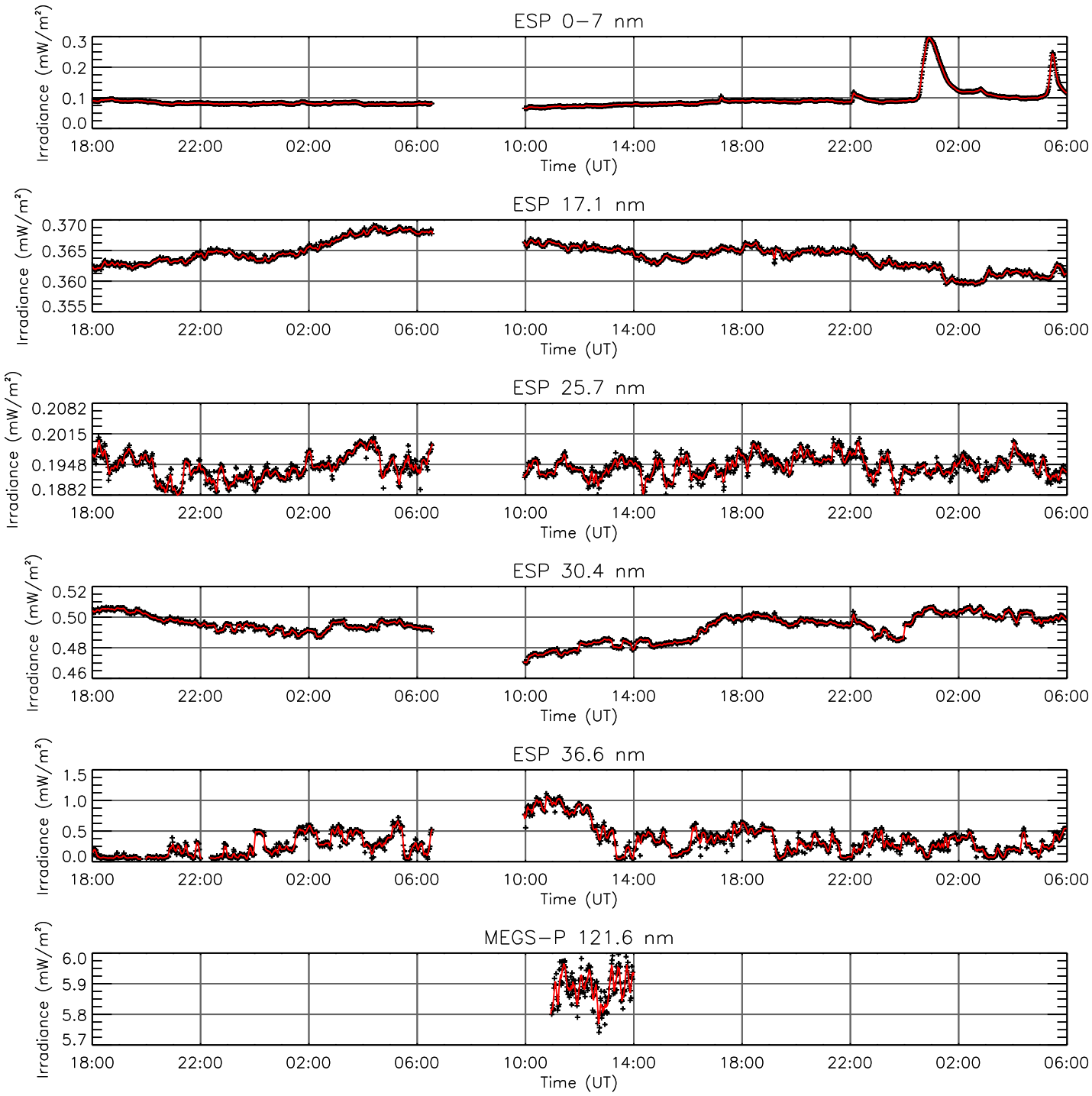
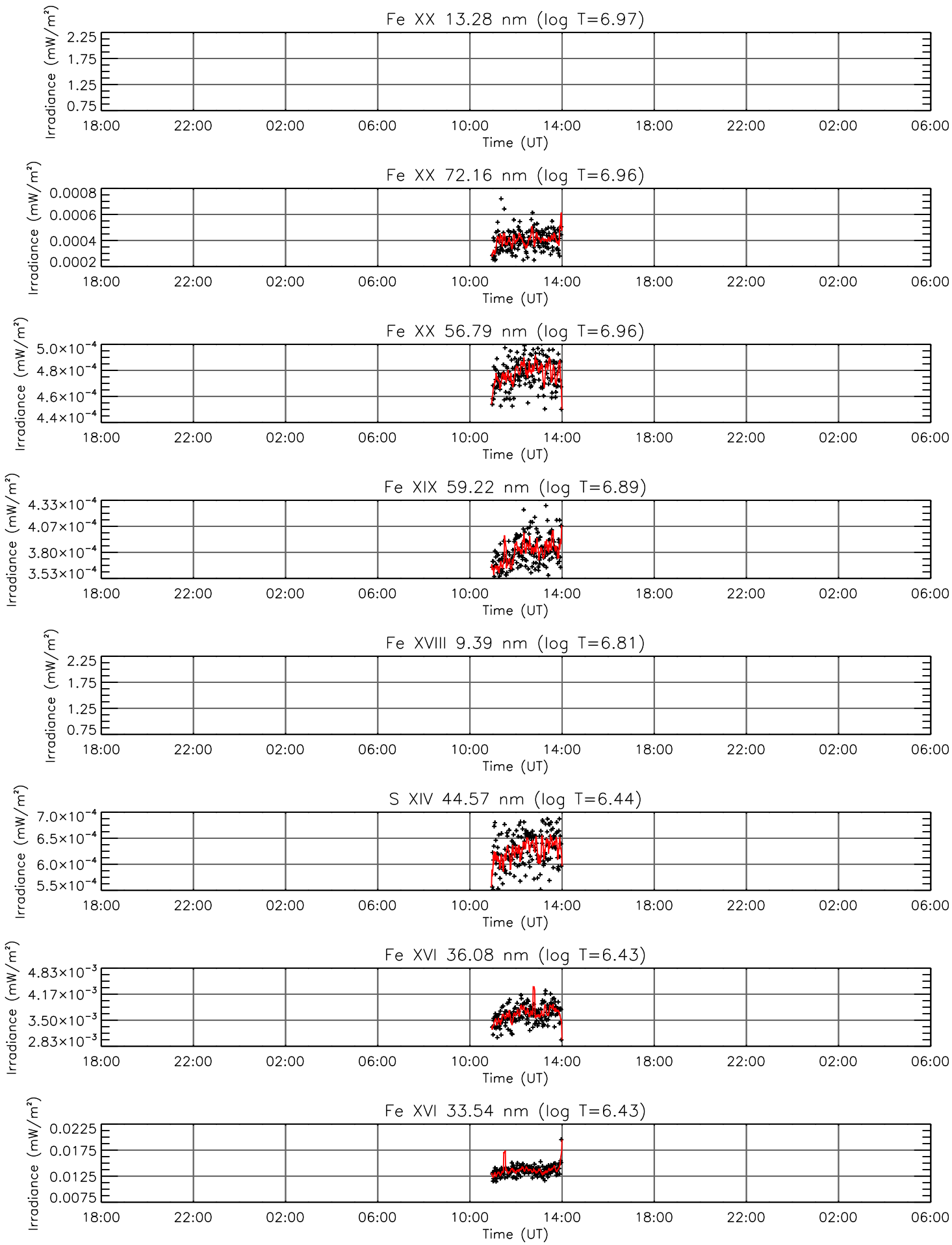
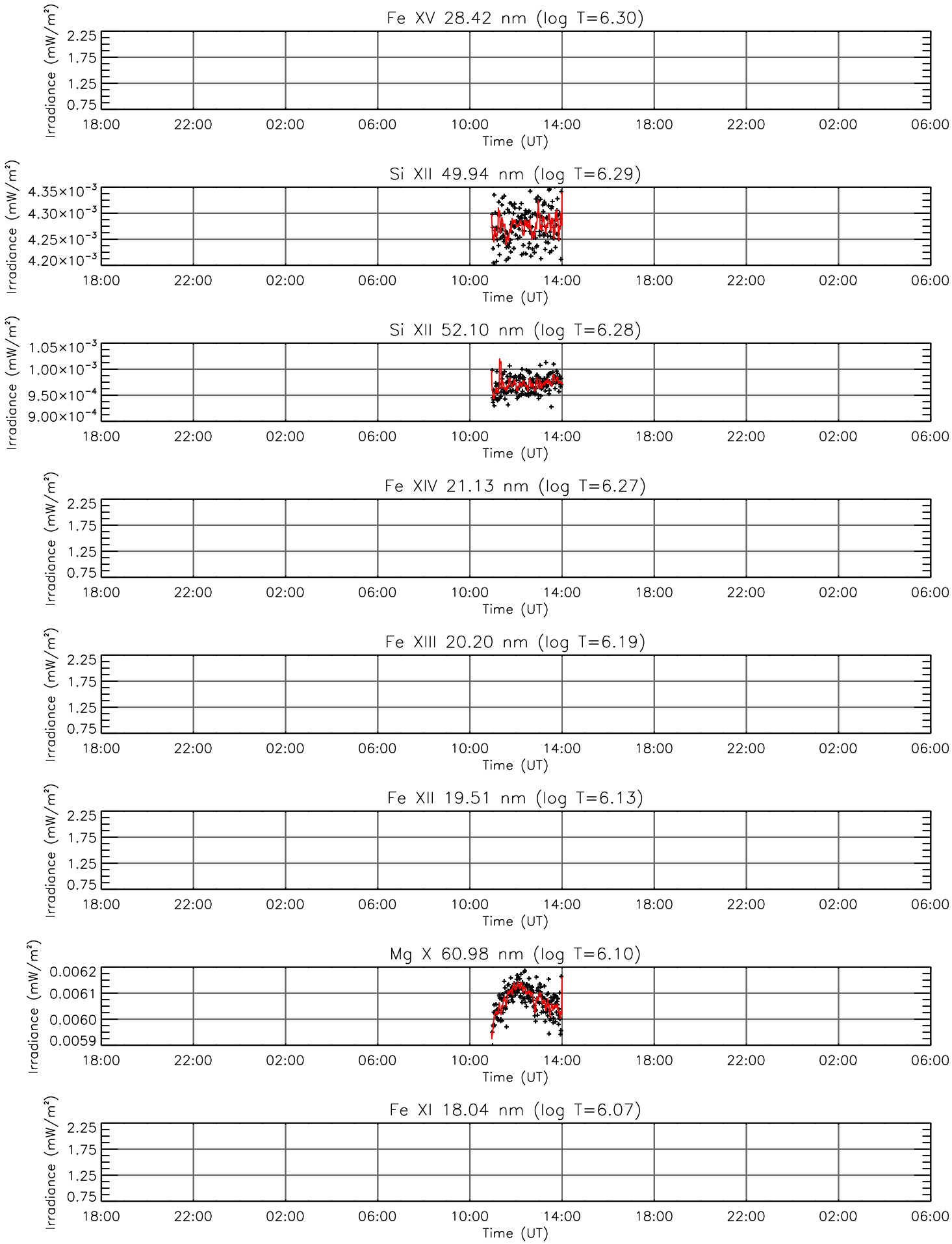
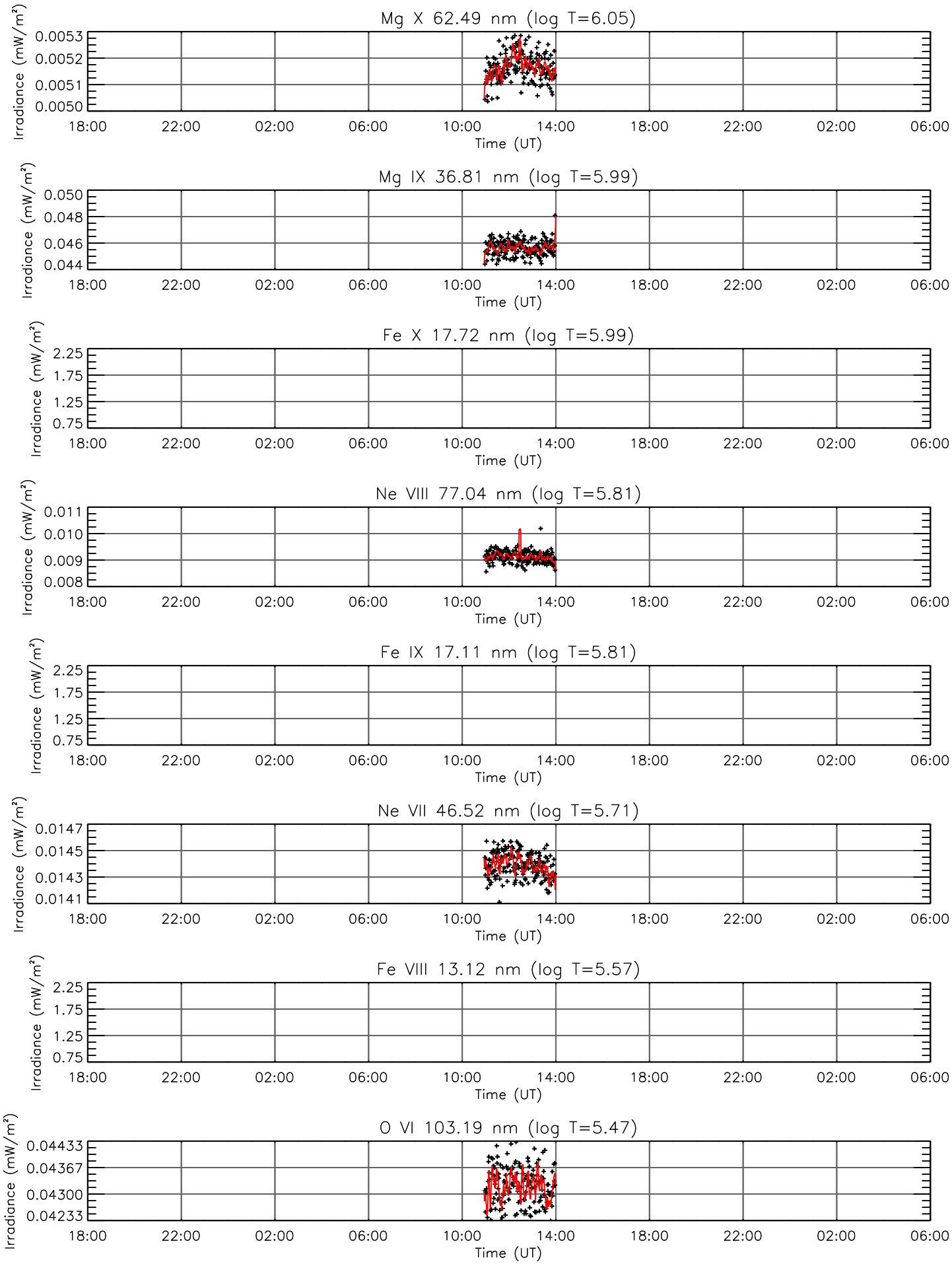
1 Mar 2018 (DOY 060)

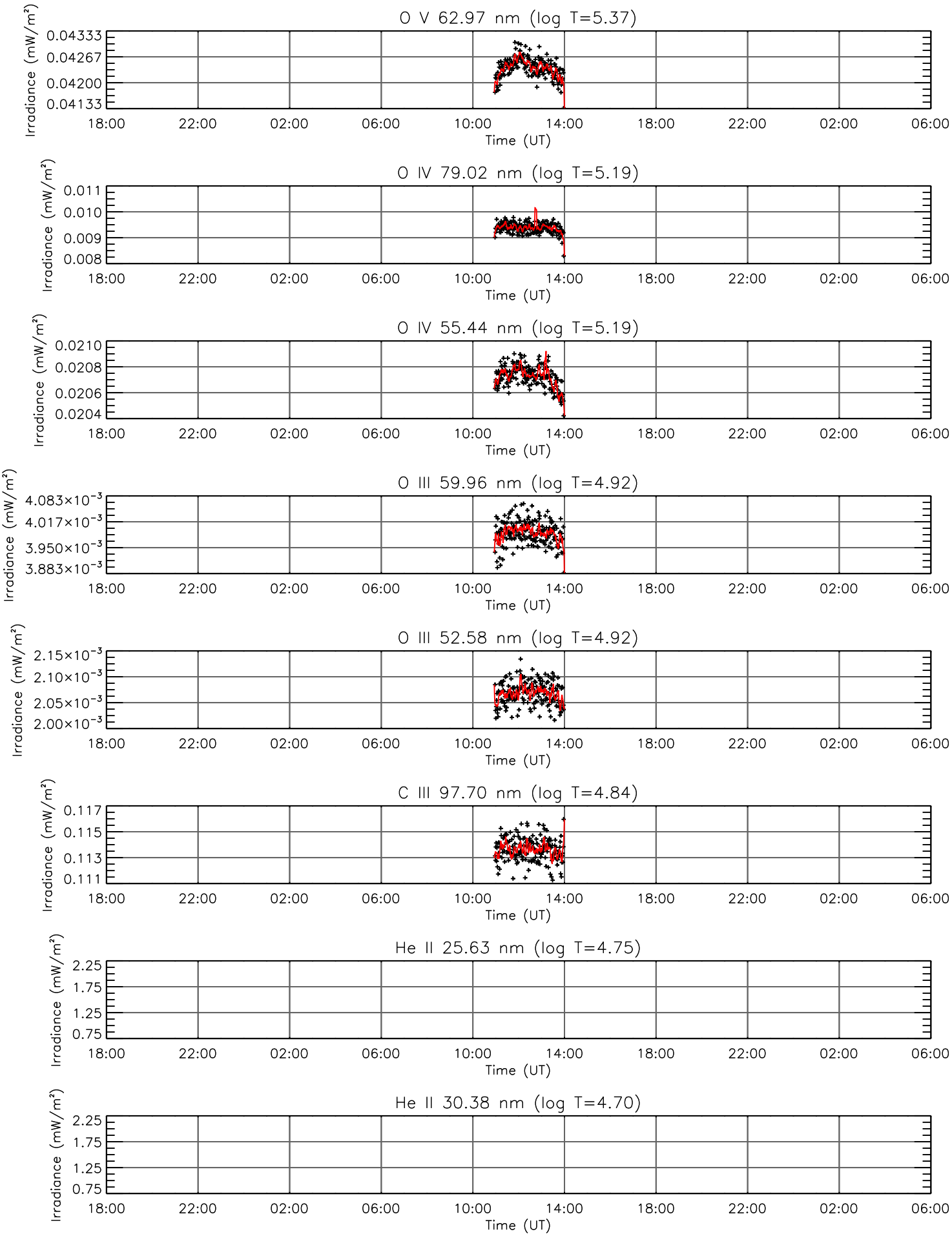


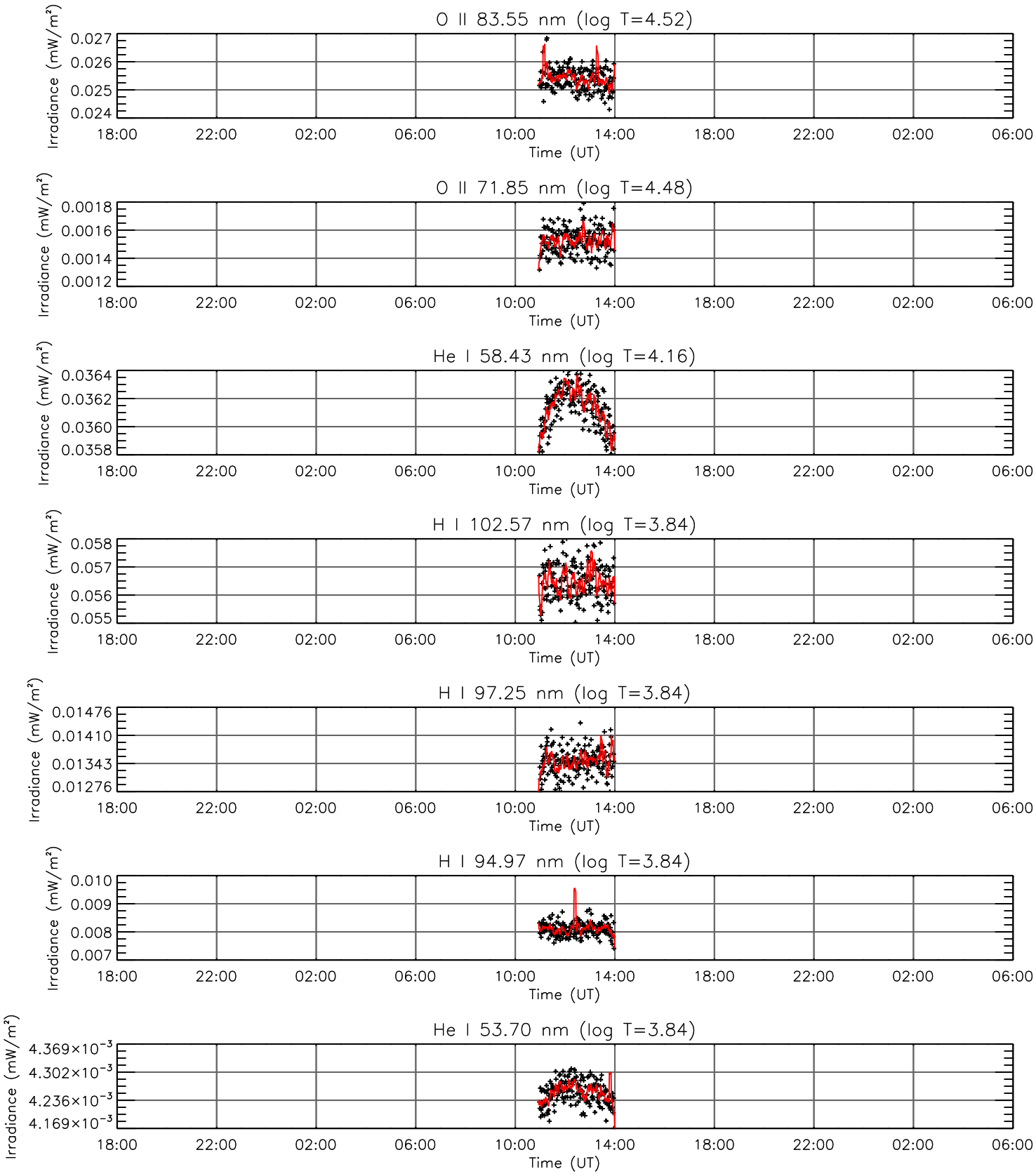

ESP 0−7 nm
Irradiance (mW/m²)
0.3
0.2
0.1
0.0
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
ESP 17.1 nm
Irradiance (mW/m²)
0.370
0.365
0.360
0.355
Time (UT)
ESP 25.7 nm
Irradiance (mW/m²)
0.2082
0.2015
0.1948
0.1882
Time (UT)
ESP 30.4 nm
Irradiance (mW/m²)
0.52
0.50
0.48
0.46
Time (UT)
ESP 36.6 nm
Irradiance (mW/m²)
1.5
1.0
0.5
0.0
Time (UT)
MEGS−P 121.6 nm
Irradiance (mW/m²)
6.0
5.9
5.8
5.7
Time (UT)

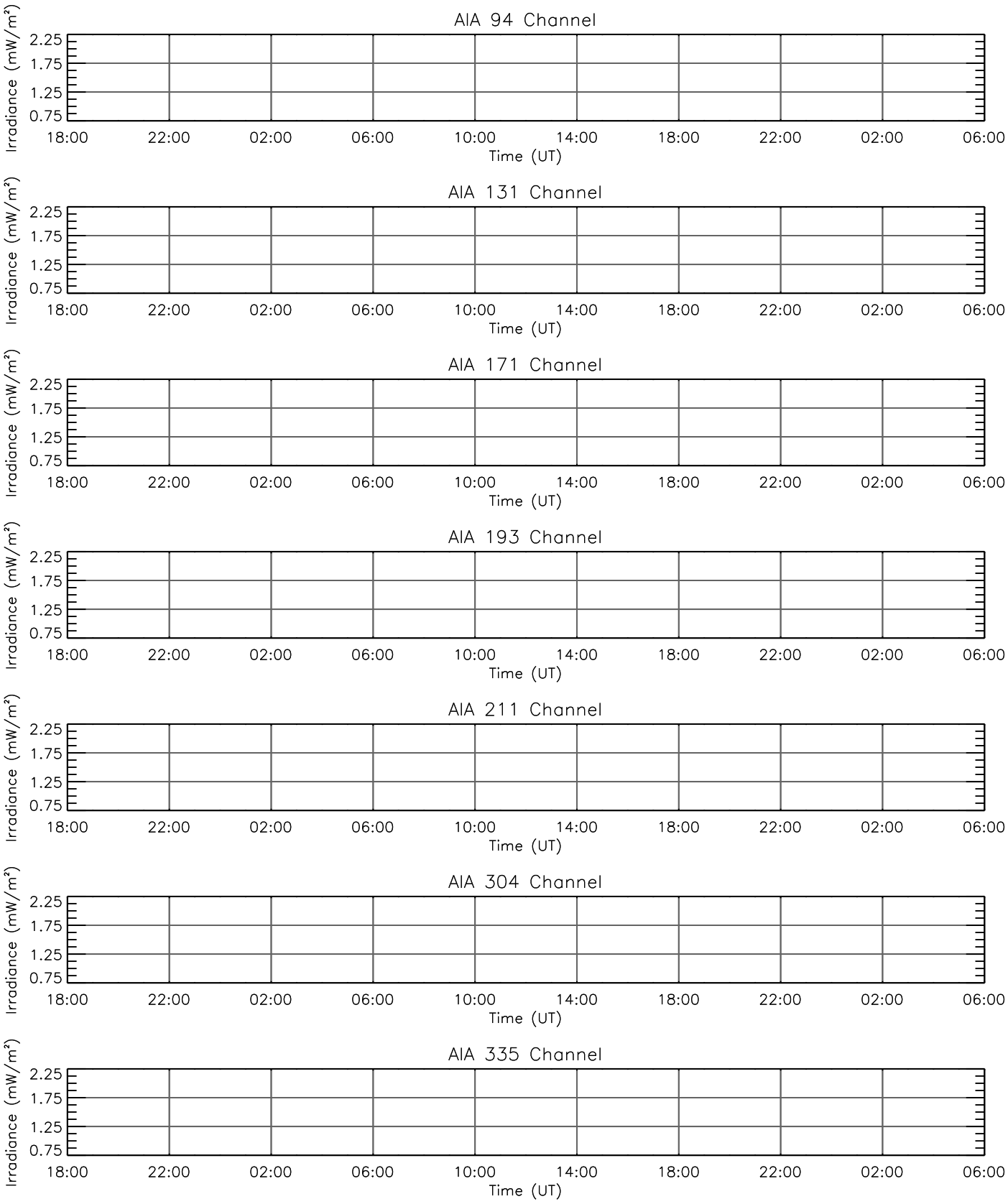

Fe XX 13.28 nm (log T=6.97)
Irradiance (mW/m²)
2.25
1.75
1.25
0.75
Fe XX 72.16 nm (log T=6.96)
0.0008
0.0006
0.0004
0.0002
Fe XX 56.79 nm (log T=6.96)
5.0×10⁻⁴
4.8×10⁻⁴
4.6×10⁻⁴
4.4×10⁻⁴
Fe XIX 59.22 nm (log T=6.89)
4.33×10⁻⁴
4.07×10⁻⁴
3.80×10⁻⁴
3.53×10⁻⁴
Fe XVIII 9.39 nm (log T=6.81)
S XIV 44.57 nm (log T=6.44)
7.0×10⁻⁴
6.5×10⁻⁴
6.0×10⁻⁴
5.5×10⁻⁴
Fe XVI 36.08 nm (log T=6.43)
4.83×10⁻³
4.17×10⁻³
3.50×10⁻³
2.83×10⁻³
Fe XVI 33.54 nm (log T=6.43)
0.0225
0.0175
0.0125
0.0075
18:00
22:00
02:00
06:00
10:00
14:00
Time (UT)

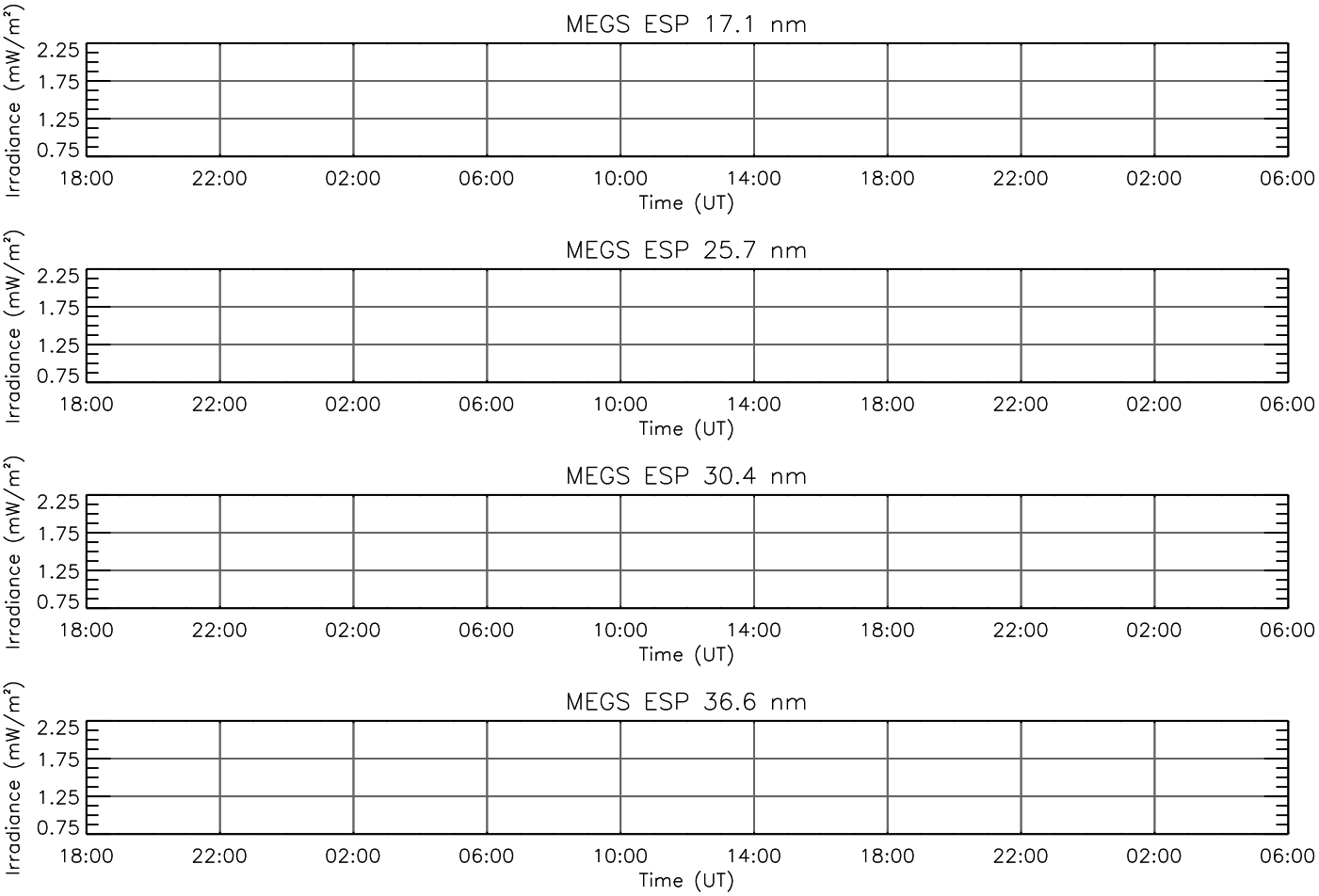

Fe XV 28.42 nm (log T=6.30)
Si XII 49.94 nm (log T=6.29)
Si XII 52.10 nm (log T=6.28)
Fe XIV 21.13 nm (log T=6.27)
Fe XIII 20.20 nm (log T=6.19)
Fe XII 19.51 nm (log T=6.13)
Mg X 60.98 nm (log T=6.10)
Fe XI 18.04 nm (log T=6.07)
Irradiance (mW/m²)
Time (UT)
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
2.25
1.75
1.25
0.75
4.35×10⁻³
4.30×10⁻³
4.25×10⁻³
4.20×10⁻³
1.05×10⁻³
1.00×10⁻³
9.50×10⁻⁴
9.00×10⁻⁴
0.0062
0.0061
0.0060
0.0059

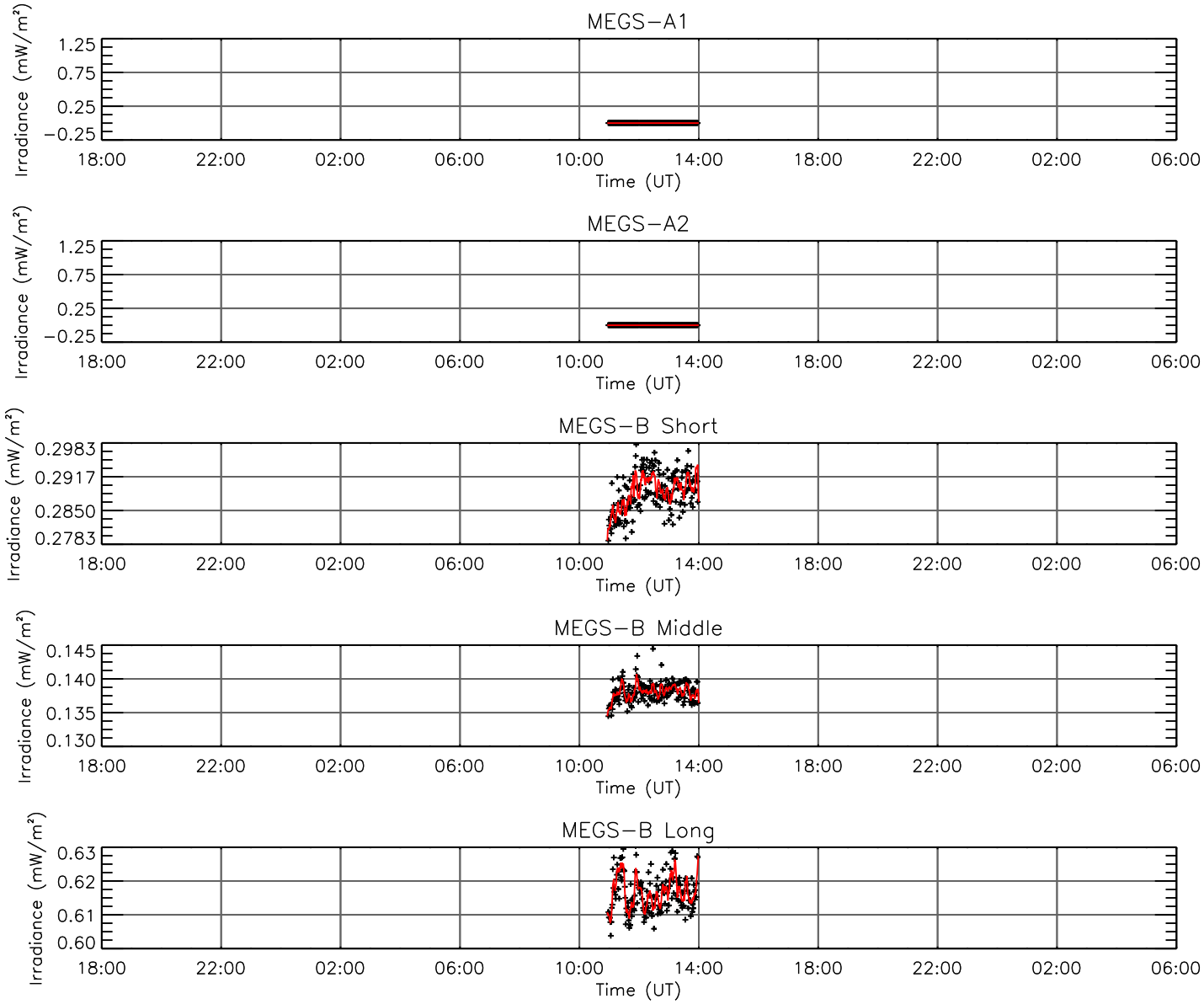

Mg X 62.49 nm (log T=6.05)
Irradiance (mW/m²)
0.0053
0.0052
0.0051
0.0050
Mg IX 36.81 nm (log T=5.99)
0.050
0.048
0.046
0.044
Fe X 17.72 nm (log T=5.99)
2.25
1.75
1.25
0.75
Ne VIII 77.04 nm (log T=5.81)
0.011
0.010
0.009
0.008
Fe IX 17.11 nm (log T=5.81)
Ne VII 46.52 nm (log T=5.71)
0.0147
0.0145
0.0143
0.0141
Fe VIII 13.12 nm (log T=5.57)
O VI 103.19 nm (log T=5.47)
0.04433
0.04367
0.04300
0.04233
18:00
22:00
02:00
06:00
10:00
14:00
Time (UT)


O V 62.97 nm (log T=5.37)
Irradiance (mW/m²)
0.04333
0.04267
0.04200
0.04133
O IV 79.02 nm (log T=5.19)
0.011
0.010
0.009
0.008
O IV 55.44 nm (log T=5.19)
0.0210
0.0208
0.0206
0.0204
O III 59.96 nm (log T=4.92)
4.083×10⁻³
4.017×10⁻³
3.950×10⁻³
3.883×10⁻³
O III 52.58 nm (log T=4.92)
2.15×10⁻³
2.10×10⁻³
2.05×10⁻³
2.00×10⁻³
C III 97.70 nm (log T=4.84)
0.117
0.115
0.113
0.111
He II 25.63 nm (log T=4.75)
2.25
1.75
1.25
0.75
He II 30.38 nm (log T=4.70)
2.25
1.75
1.25
0.75
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)


O II 83.55 nm (log T=4.52)
Irradiance (mW/m²)
0.027
0.026
0.025
0.024
O II 71.85 nm (log T=4.48)
0.0018
0.0016
0.0014
0.0012
He I 58.43 nm (log T=4.16)
0.0364
0.0362
0.0360
0.0358
H I 102.57 nm (log T=3.84)
0.058
0.057
0.056
0.055
H I 97.25 nm (log T=3.84)
0.01476
0.01410
0.01343
0.01276
H I 94.97 nm (log T=3.84)
0.010
0.009
0.008
0.007
He I 53.70 nm (log T=3.84)
4.369×10⁻³
4.302×10⁻³
4.236×10⁻³
4.169×10⁻³
18:00
22:00
02:00
06:00
10:00
14:00
Time (UT)


AIA 94 Channel
AIA 131 Channel
AIA 171 Channel
AIA 193 Channel
AIA 211 Channel
AIA 304 Channel
AIA 335 Channel
Irradiance (mW/m²)
2.25
1.75
1.25
0.75
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)


MEGS ESP 17.1 nm
MEGS ESP 25.7 nm
MEGS ESP 30.4 nm
MEGS ESP 36.6 nm
Irradiance (mW/m²)
2.25
1.75
1.25
0.75
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)


MEGS−A1
Irradiance (mW/m²)
1.25
0.75
0.25
−0.25
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
MEGS−A2
Irradiance (mW/m²)
1.25
0.75
0.25
−0.25
Time (UT)
MEGS−B Short
Irradiance (mW/m²)
0.2983
0.2917
0.2850
0.2783
Time (UT)
MEGS−B Middle
Irradiance (mW/m²)
0.145
0.140
0.135
0.130
Time (UT)
MEGS−B Long
Irradiance (mW/m²)
0.63
0.62
0.61
0.60
Time (UT)