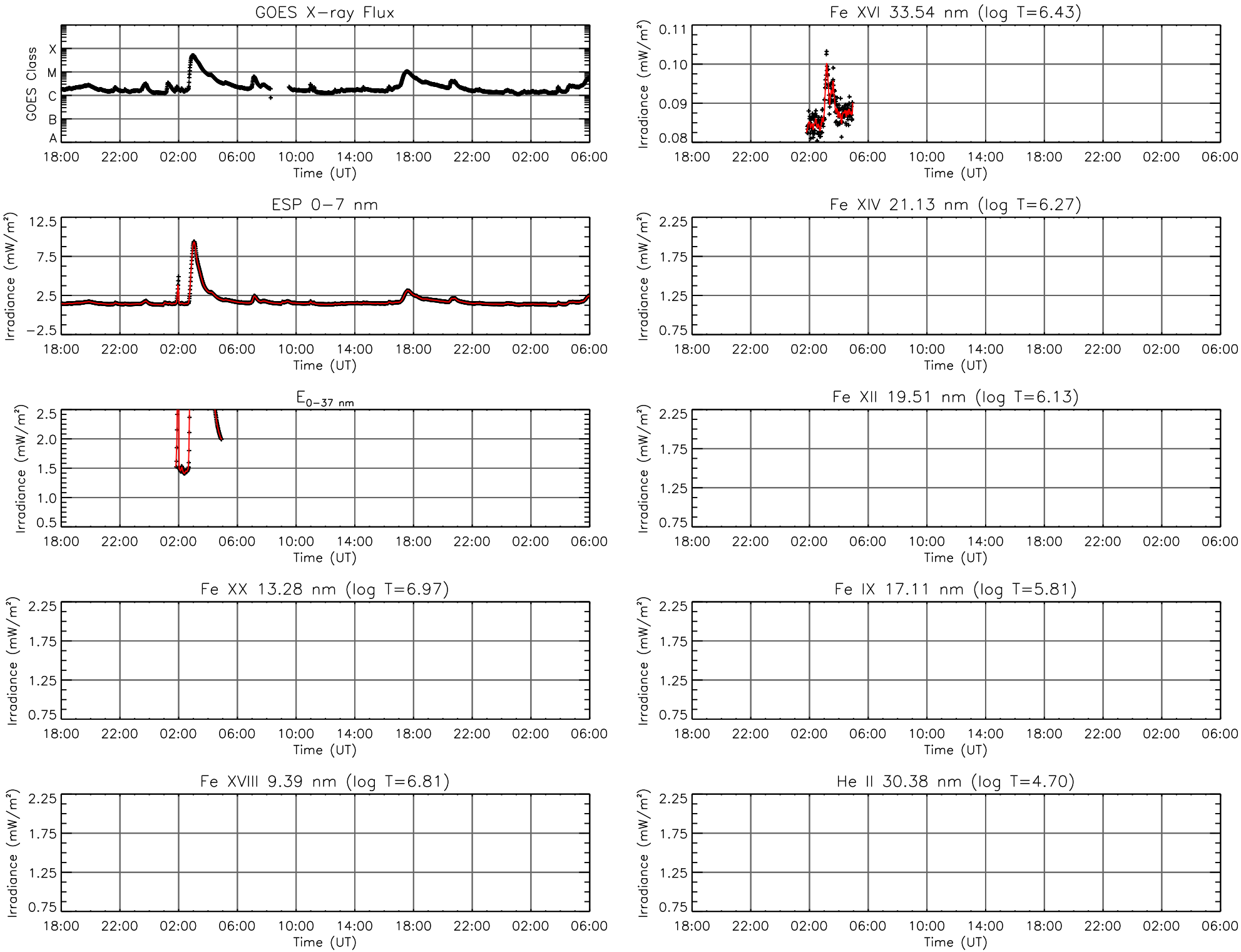
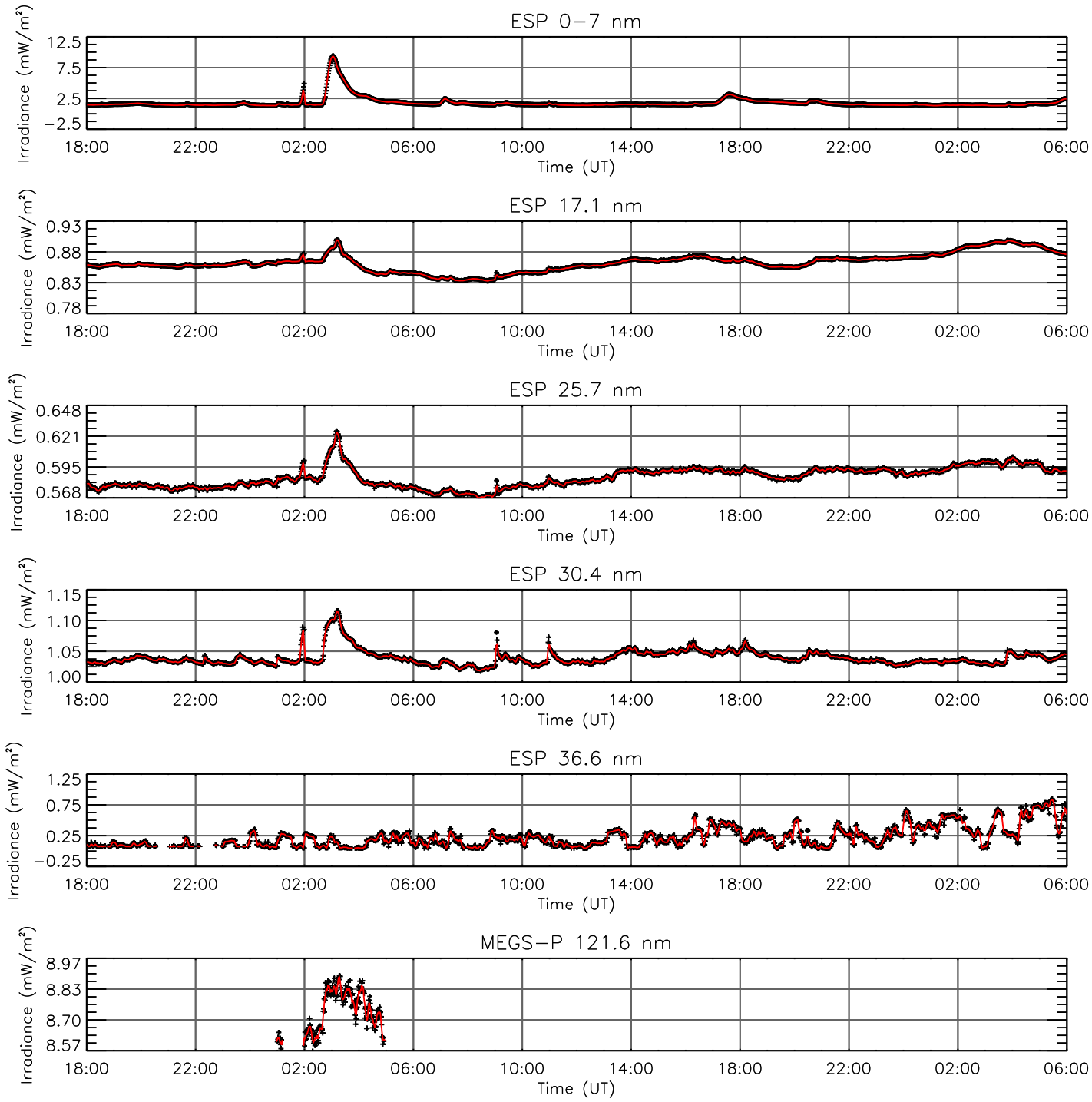
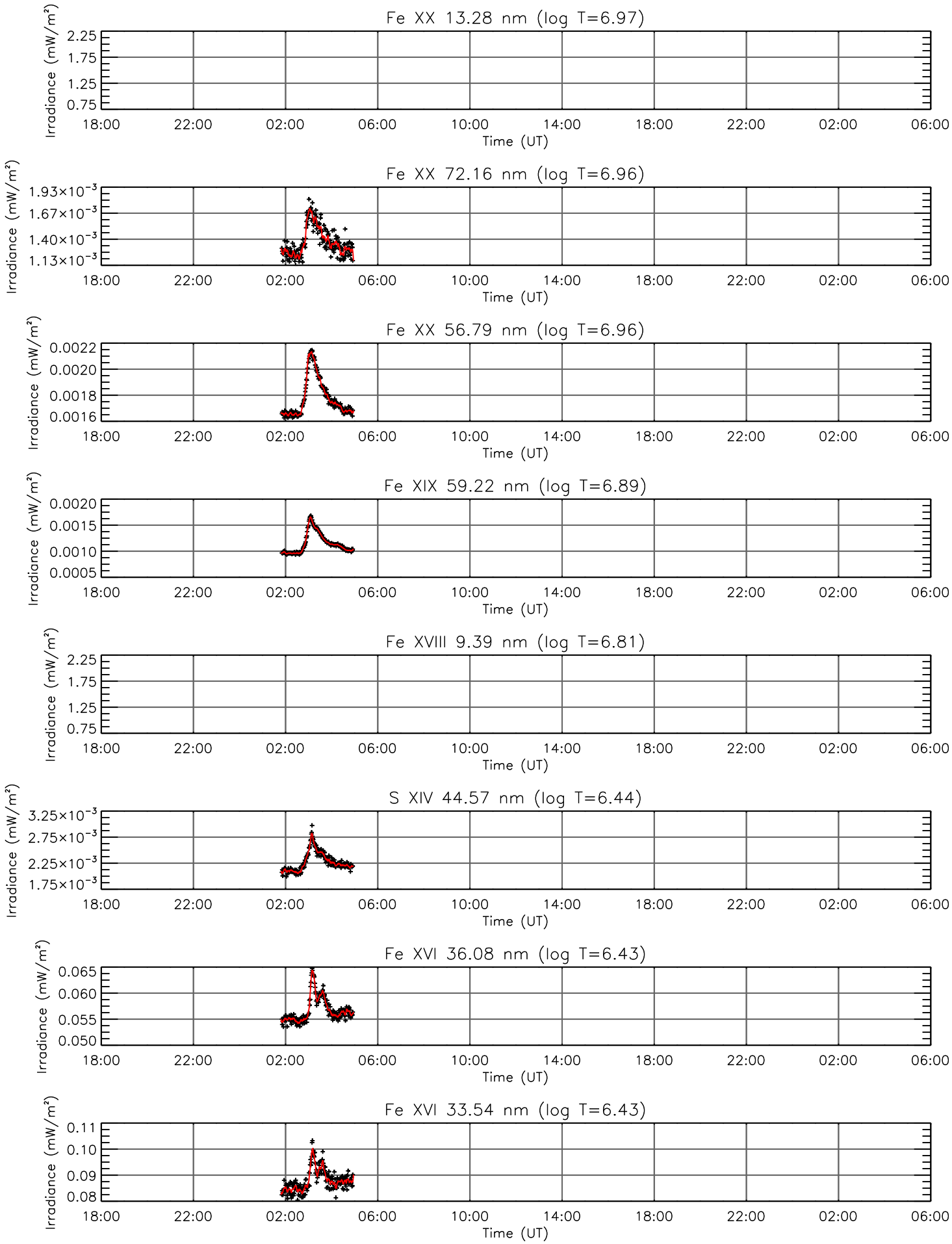
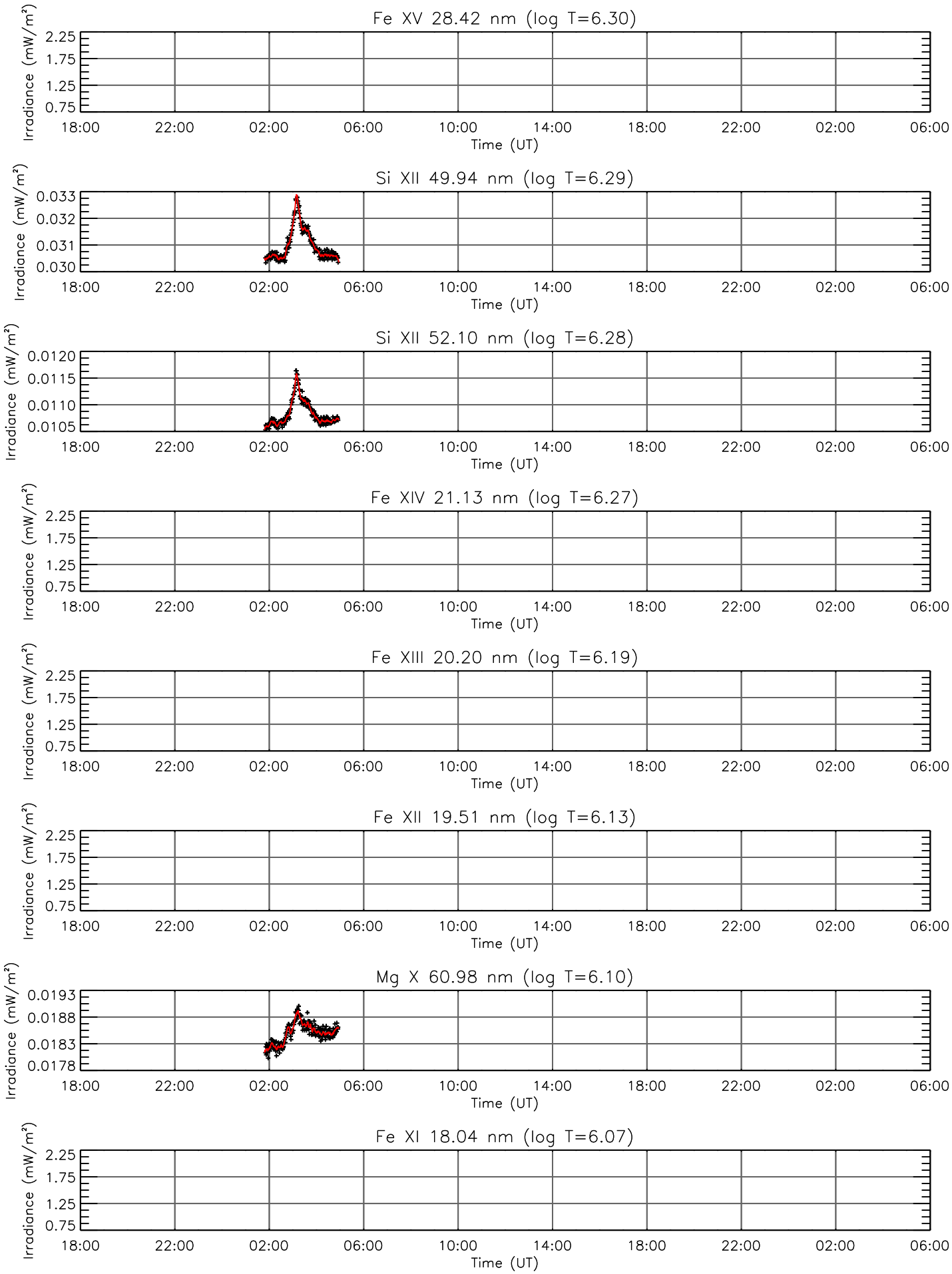
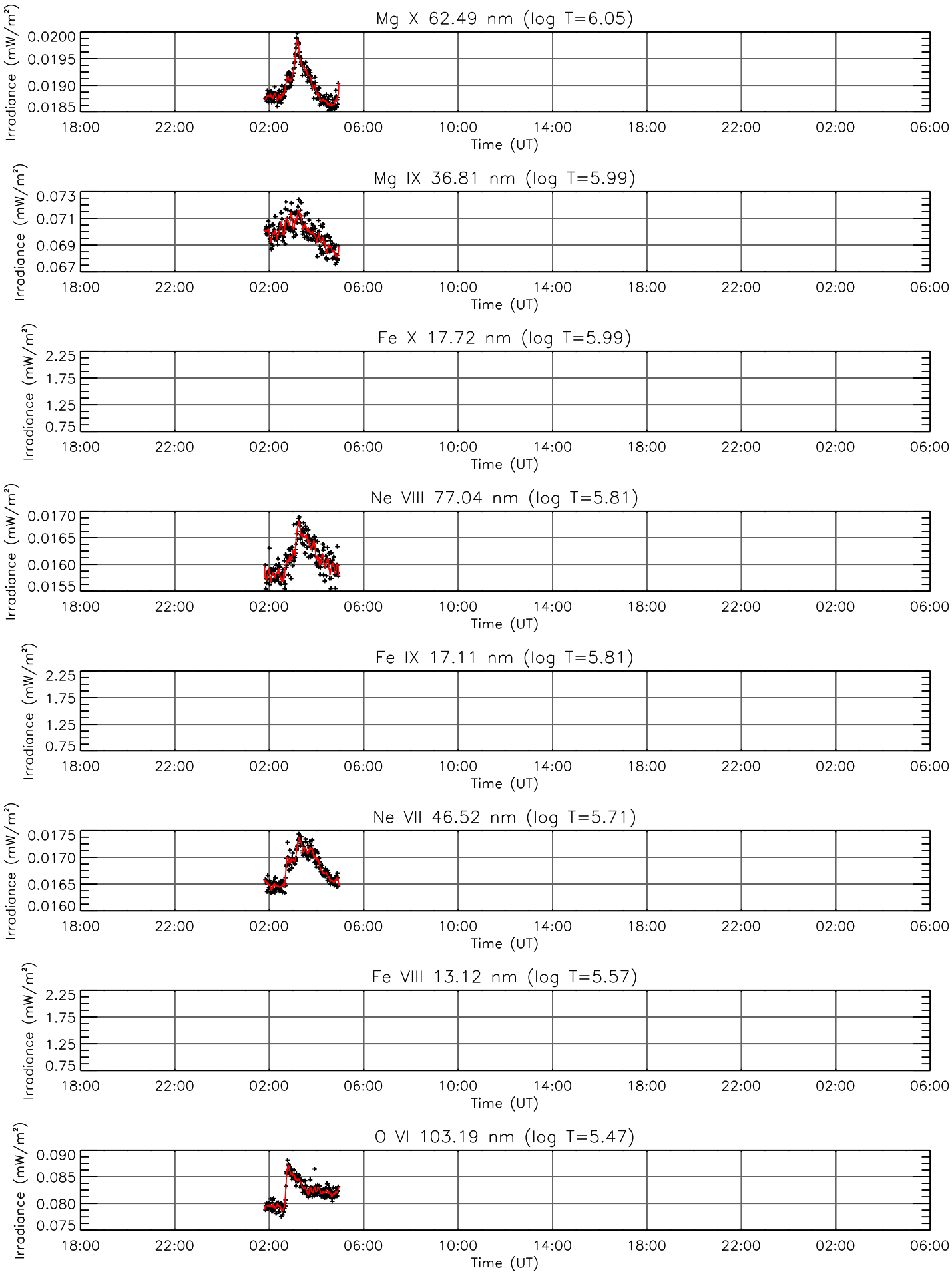
28 Sep 2014 (DOY 271)

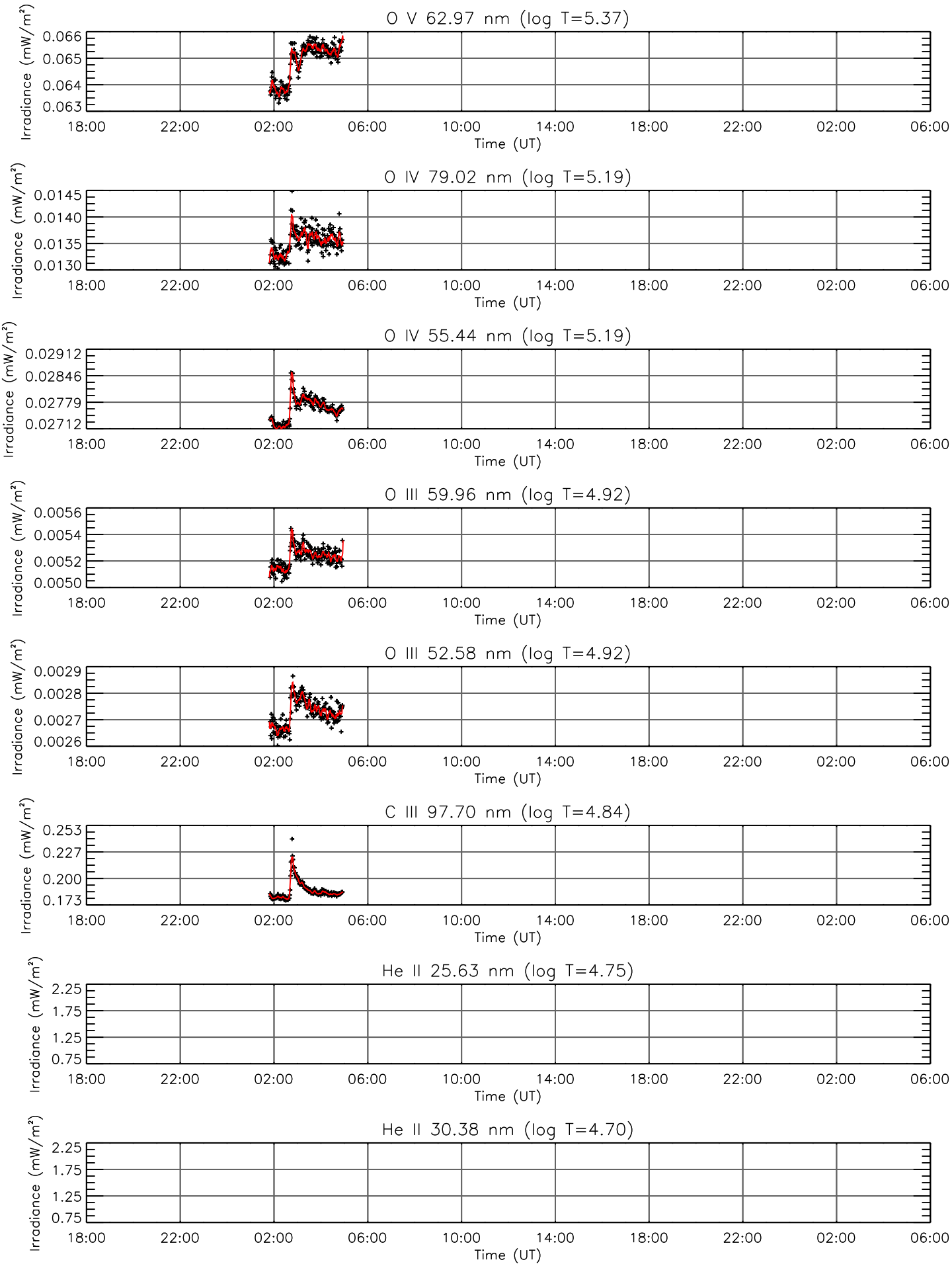


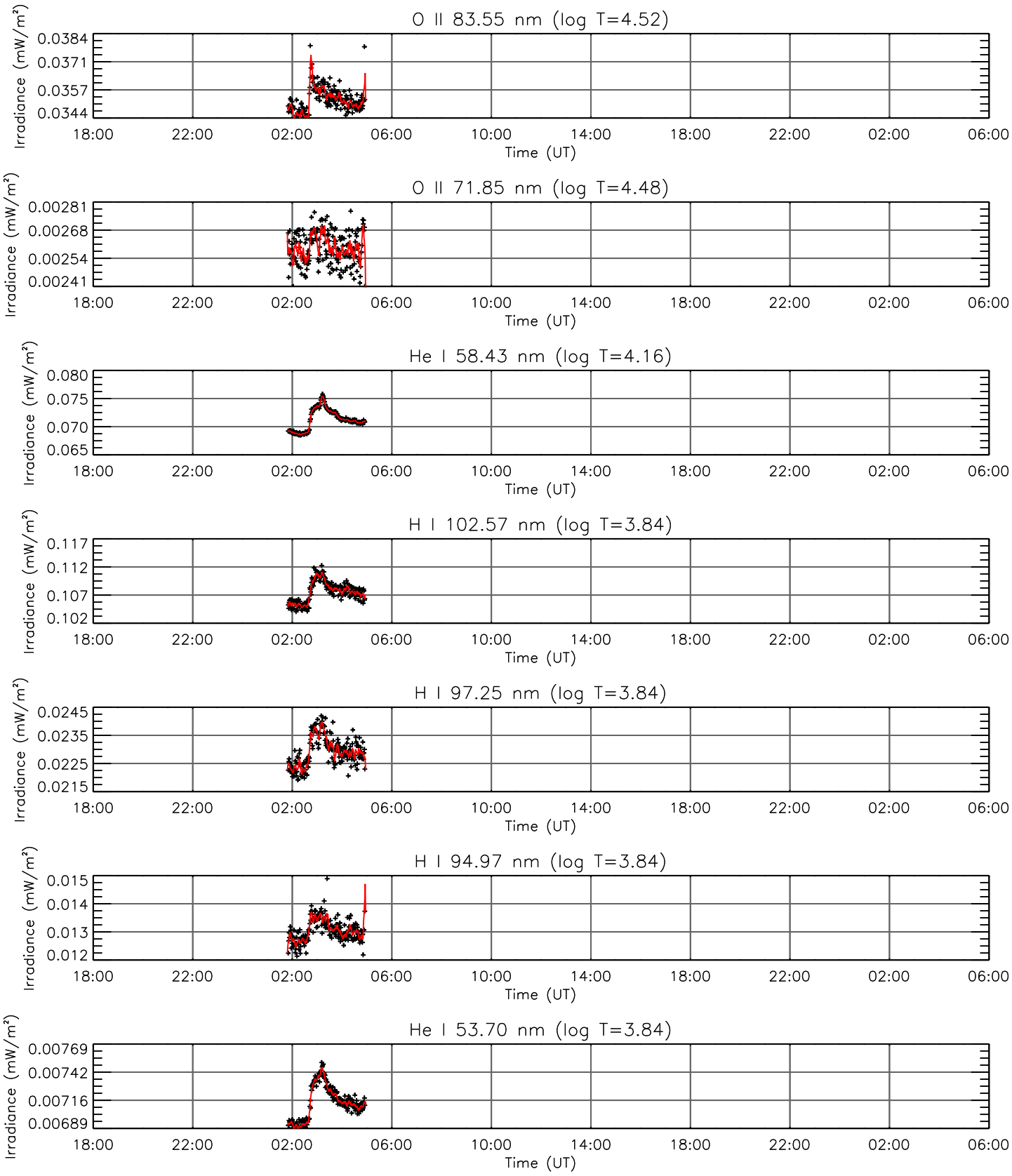

ESP 0−7 nm
Irradiance (mW/m²)
12.5
7.5
2.5
−2.5
ESP 17.1 nm
0.93
0.88
0.83
0.78
ESP 25.7 nm
0.648
0.621
0.595
0.568
ESP 30.4 nm
1.15
1.10
1.05
1.00
ESP 36.6 nm
1.25
0.75
0.25
−0.25
MEGS−P 121.6 nm
8.97
8.83
8.70
8.57
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)

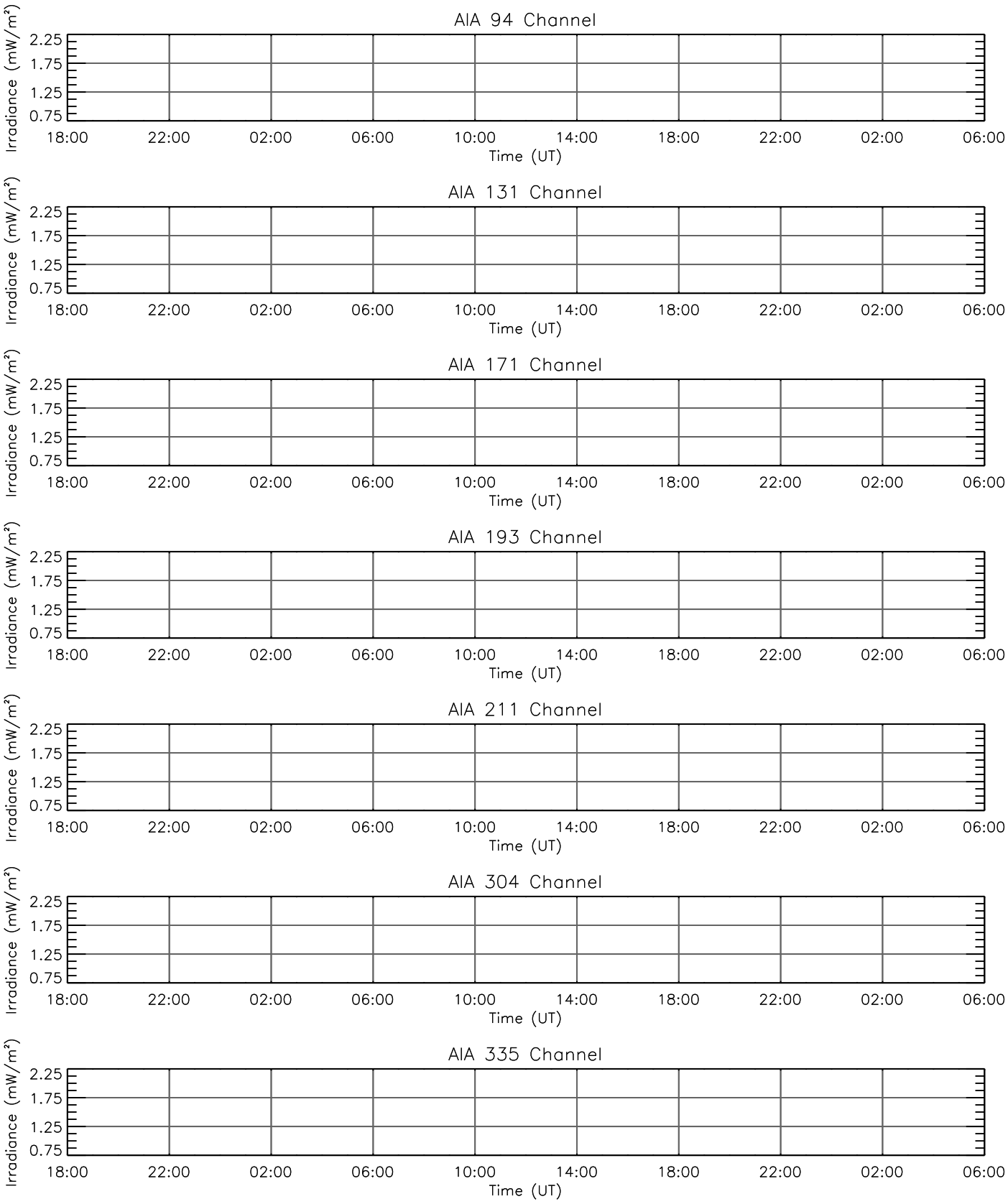

Fe XX 13.28 nm (log T=6.97)
Irradiance (mW/m²)
2.25
1.75
1.25
0.75
Fe XX 72.16 nm (log T=6.96)
1.93×10⁻³
1.67×10⁻³
1.40×10⁻³
1.13×10⁻³
Fe XX 56.79 nm (log T=6.96)
0.0022
0.0020
0.0018
0.0016
Fe XIX 59.22 nm (log T=6.89)
0.0020
0.0015
0.0010
0.0005
Fe XVIII 9.39 nm (log T=6.81)
S XIV 44.57 nm (log T=6.44)
3.25×10⁻³
2.75×10⁻³
2.25×10⁻³
1.75×10⁻³
Fe XVI 36.08 nm (log T=6.43)
0.065
0.060
0.055
0.050
Fe XVI 33.54 nm (log T=6.43)
0.11
0.10
0.09
0.08
18:00
22:00
02:00
06:00
10:00
14:00
Time (UT)

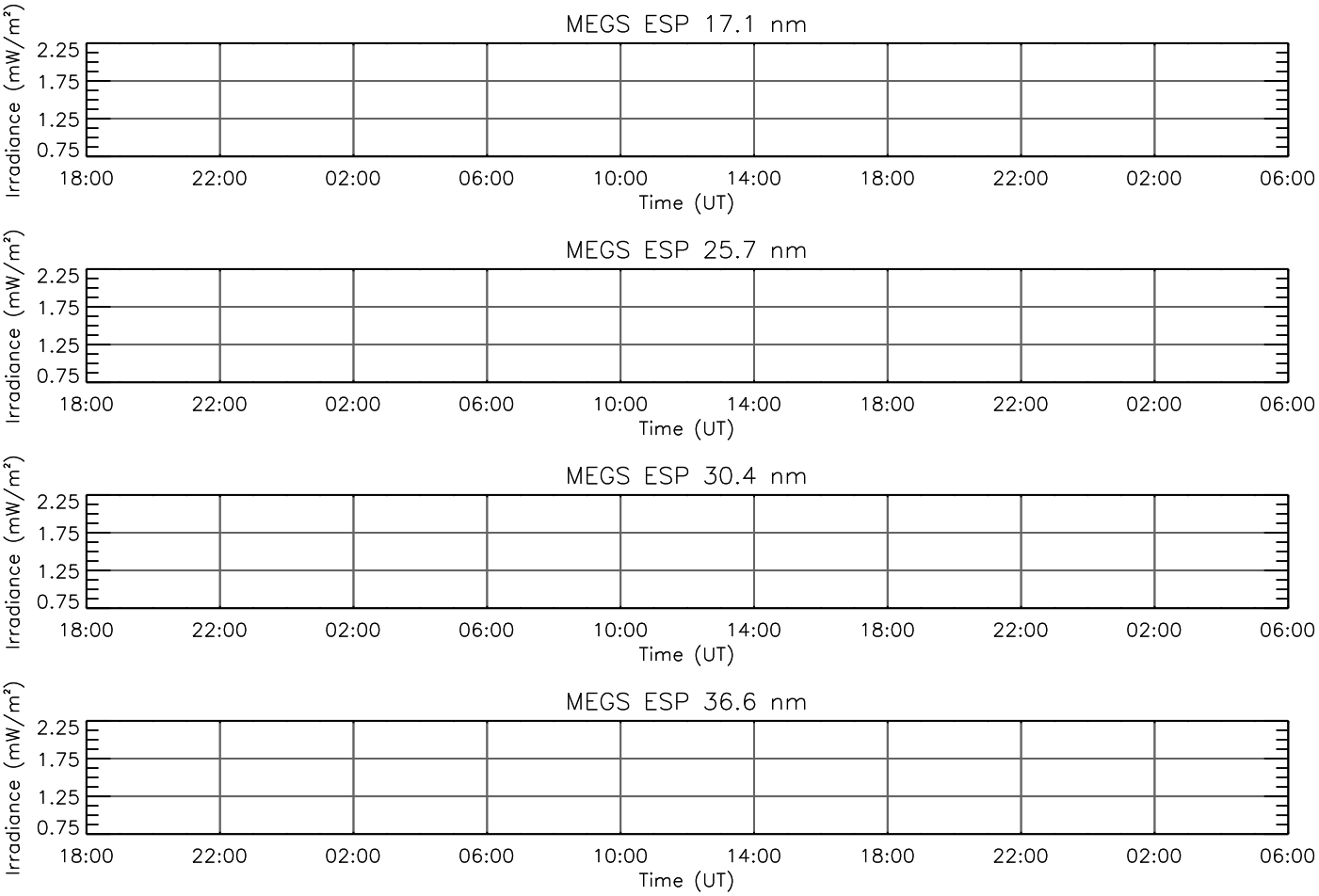

Fe XV 28.42 nm (log T=6.30)
Si XII 49.94 nm (log T=6.29)
Si XII 52.10 nm (log T=6.28)
Fe XIV 21.13 nm (log T=6.27)
Fe XIII 20.20 nm (log T=6.19)
Fe XII 19.51 nm (log T=6.13)
Mg X 60.98 nm (log T=6.10)
Fe XI 18.04 nm (log T=6.07)
Irradiance (mW/m²)
Time (UT)
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
2.25
1.75
1.25
0.75
0.033
0.032
0.031
0.030
0.0120
0.0115
0.0110
0.0105
0.0193
0.0188
0.0183
0.0178

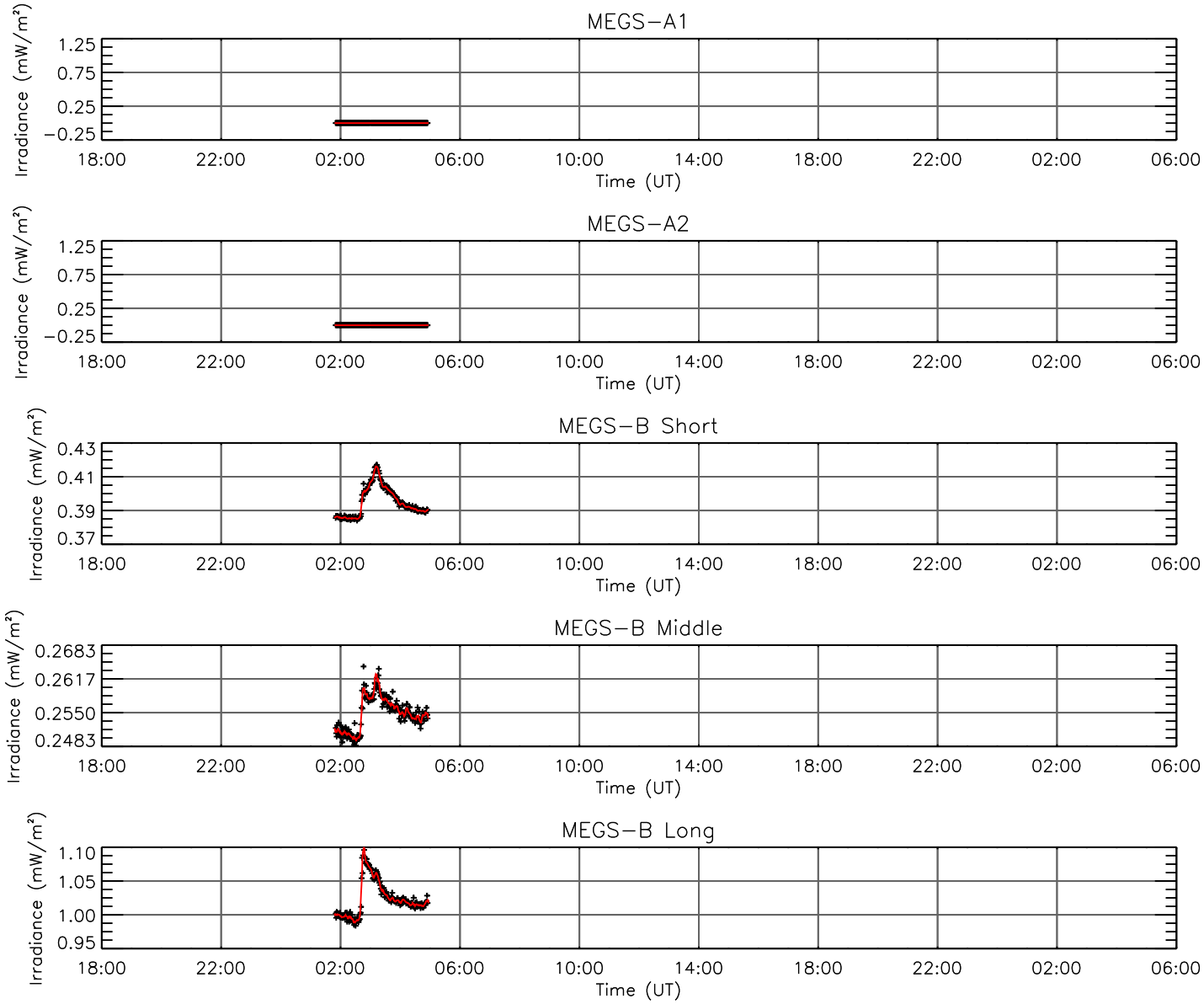

Mg X 62.49 nm (log T=6.05)
Irradiance (mW/m²)
0.0200
0.0195
0.0190
0.0185
Mg IX 36.81 nm (log T=5.99)
0.073
0.071
0.069
0.067
Fe X 17.72 nm (log T=5.99)
2.25
1.75
1.25
0.75
Ne VIII 77.04 nm (log T=5.81)
0.0170
0.0165
0.0160
0.0155
Fe IX 17.11 nm (log T=5.81)
Ne VII 46.52 nm (log T=5.71)
0.0175
0.0170
0.0165
0.0160
Fe VIII 13.12 nm (log T=5.57)
O VI 103.19 nm (log T=5.47)
0.090
0.085
0.080
0.075
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)


O V 62.97 nm (log T=5.37)
Irradiance (mW/m²)
0.066
0.065
0.064
0.063
O IV 79.02 nm (log T=5.19)
0.0145
0.0140
0.0135
0.0130
O IV 55.44 nm (log T=5.19)
0.02912
0.02846
0.02779
0.02712
O III 59.96 nm (log T=4.92)
0.0056
0.0054
0.0052
0.0050
O III 52.58 nm (log T=4.92)
0.0029
0.0028
0.0027
0.0026
C III 97.70 nm (log T=4.84)
0.253
0.227
0.200
0.173
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)
0.0384
0.0371
0.0357
0.0344
O II 71.85 nm (log T=4.48)
0.00281
0.00268
0.00254
0.00241
He I 58.43 nm (log T=4.16)
0.080
0.075
0.070
0.065
H I 102.57 nm (log T=3.84)
0.117
0.112
0.107
0.102
H I 97.25 nm (log T=3.84)
0.0245
0.0235
0.0225
0.0215
H I 94.97 nm (log T=3.84)
0.015
0.014
0.013
0.012
He I 53.70 nm (log T=3.84)
0.00769
0.00742
0.00716
0.00689
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
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
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
MEGS−B Short
Irradiance (mW/m²)
0.43
0.41
0.39
0.37
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
MEGS−B Middle
Irradiance (mW/m²)
0.2683
0.2617
0.2550
0.2483
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
MEGS−B Long
Irradiance (mW/m²)
1.10
1.05
1.00
0.95
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)