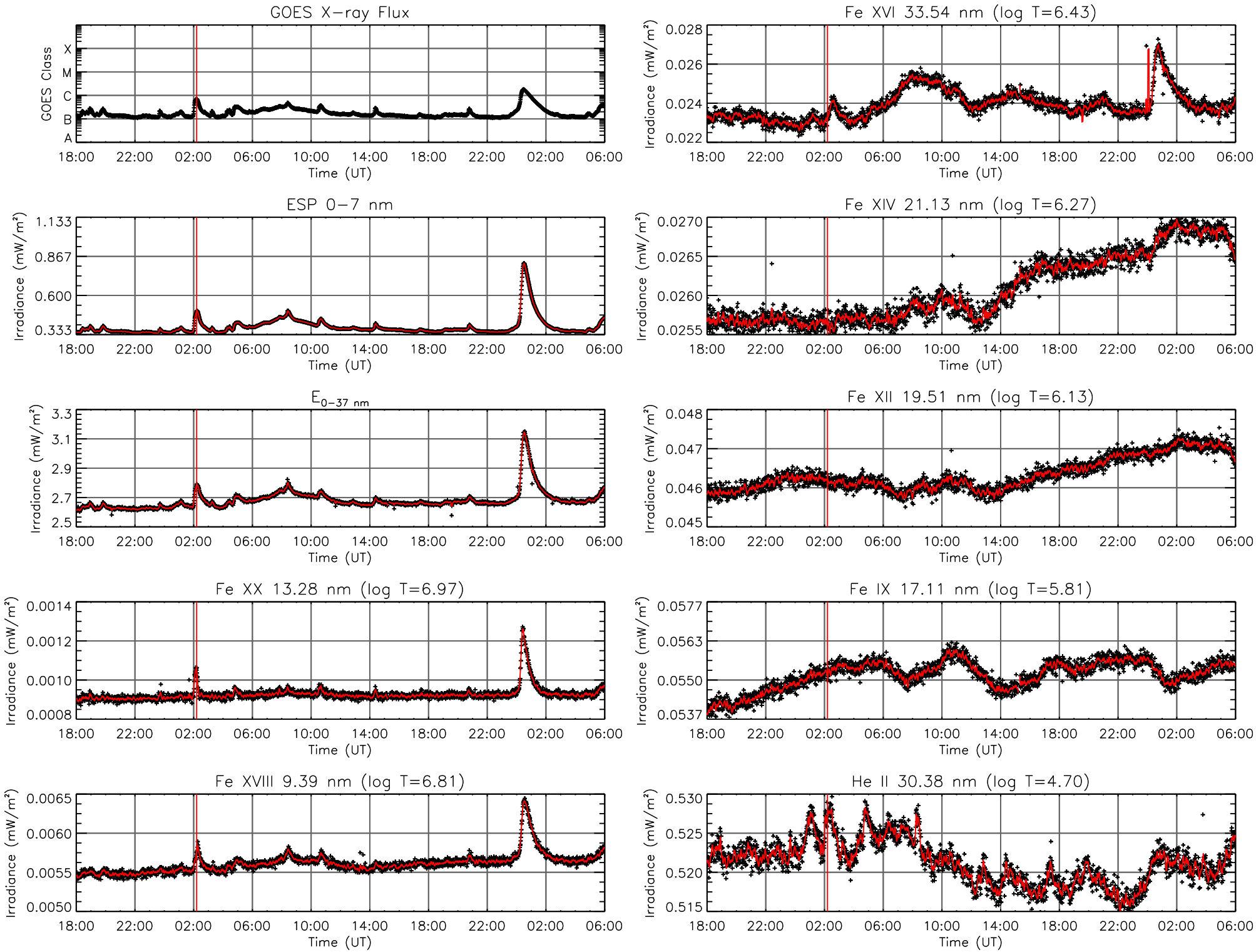
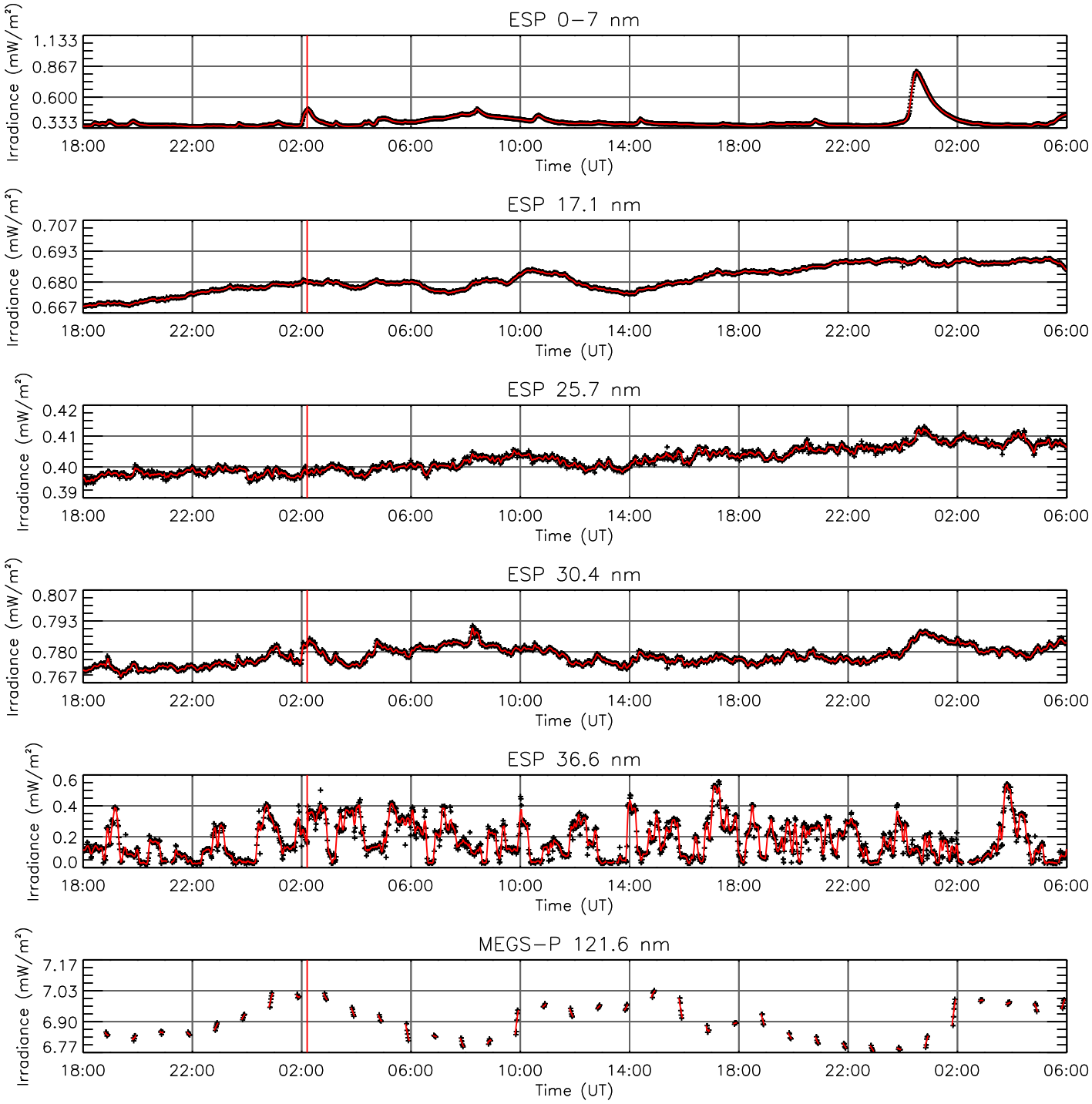
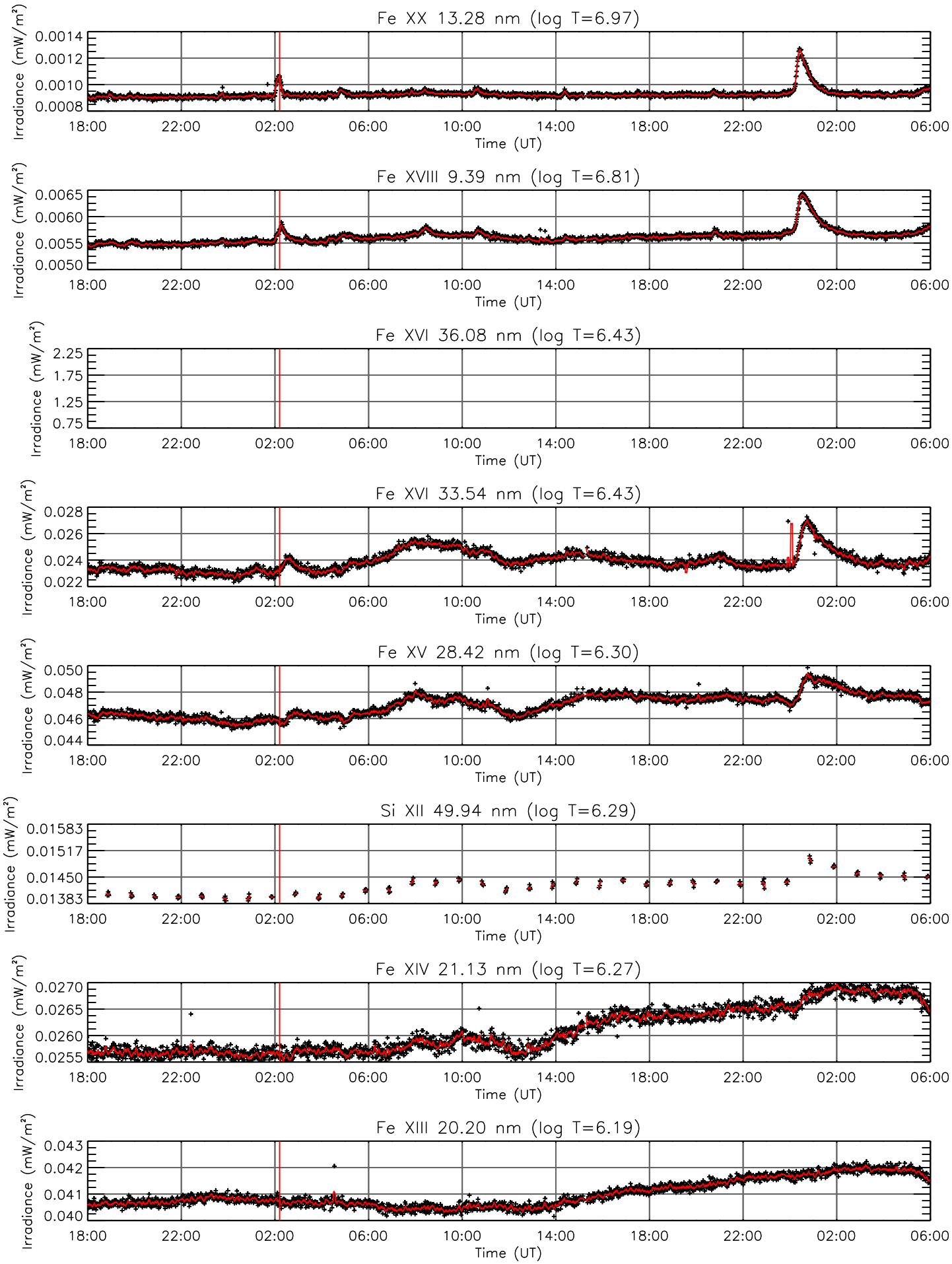
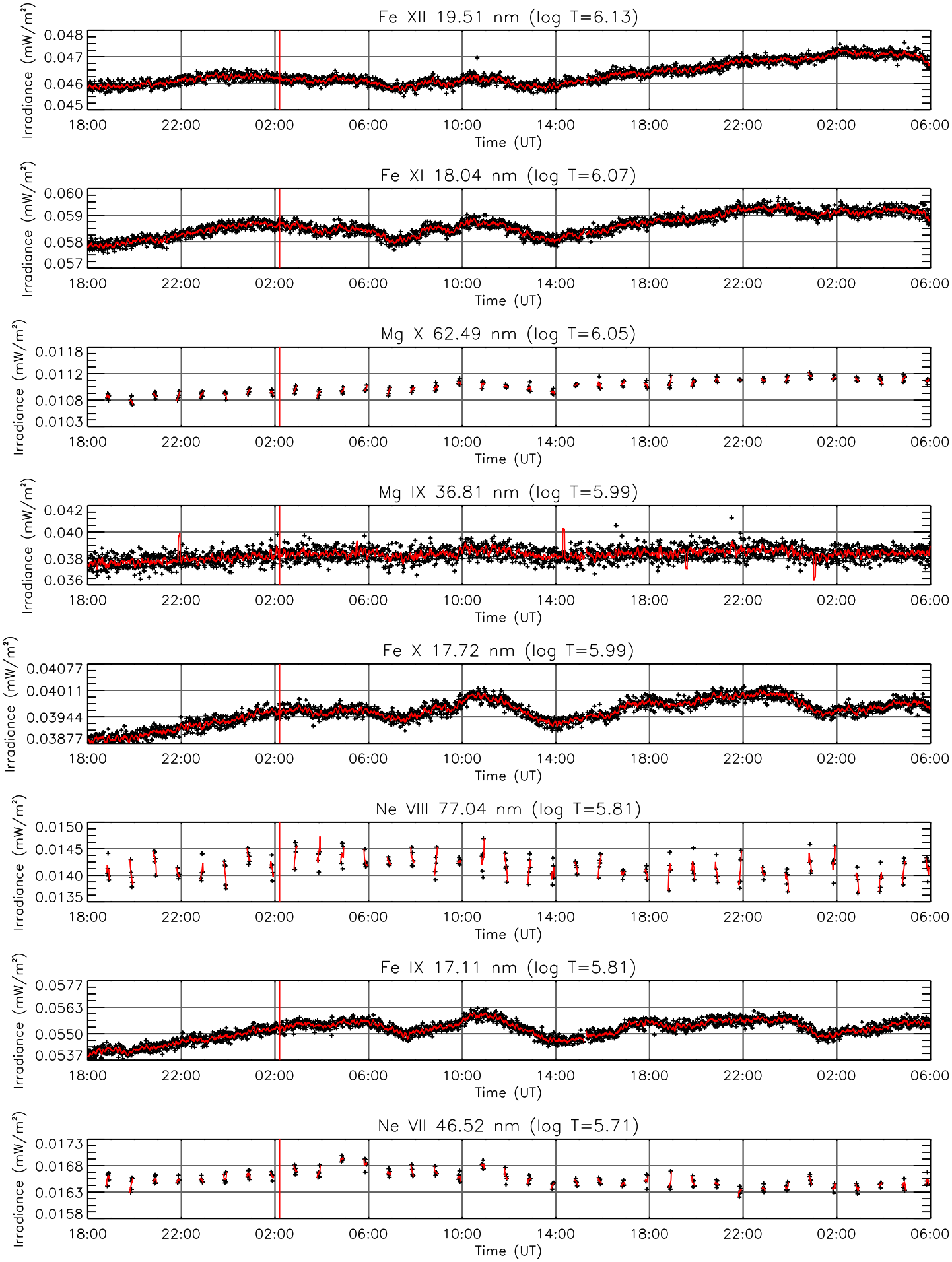
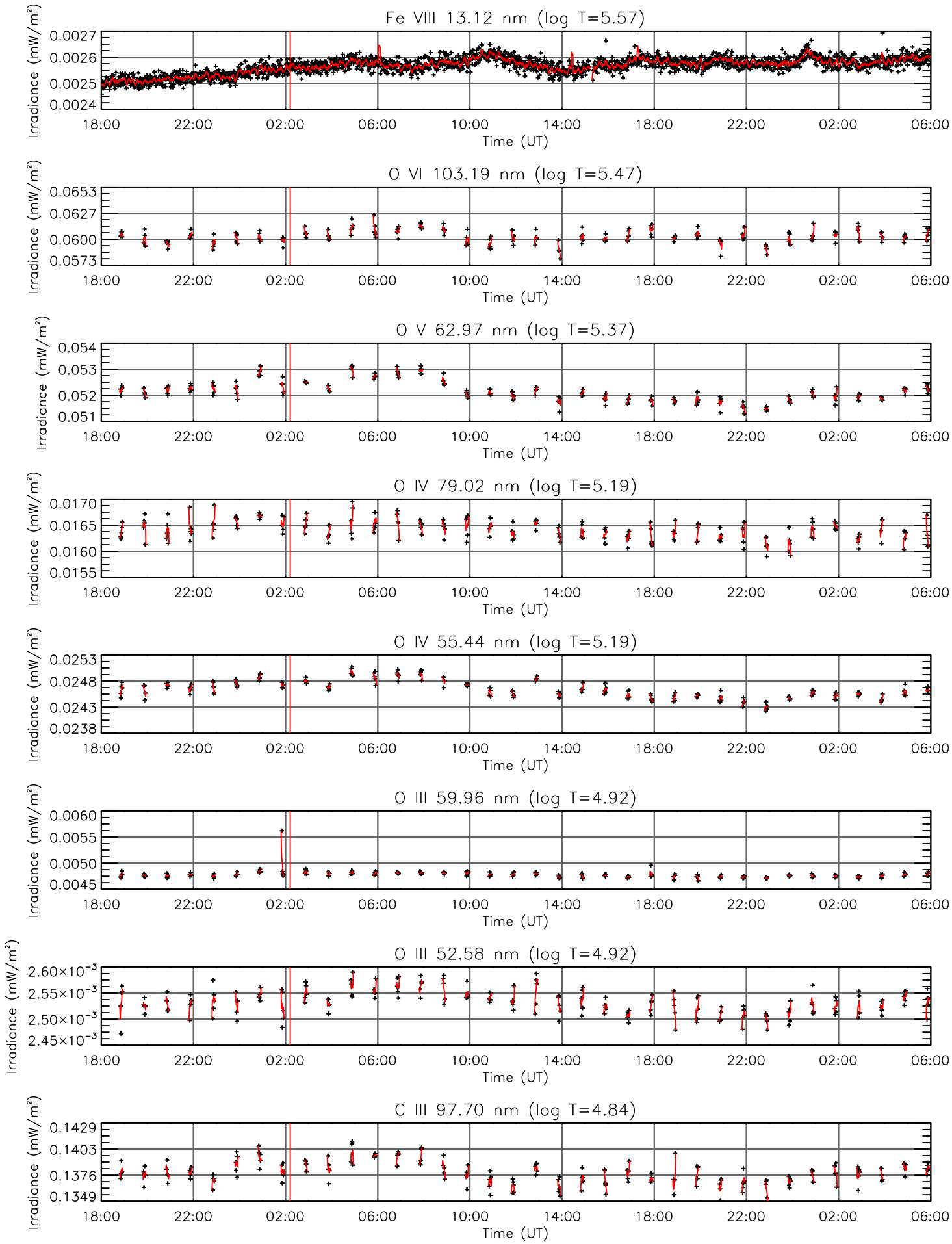
4 Dec 2012 (DOY 339)

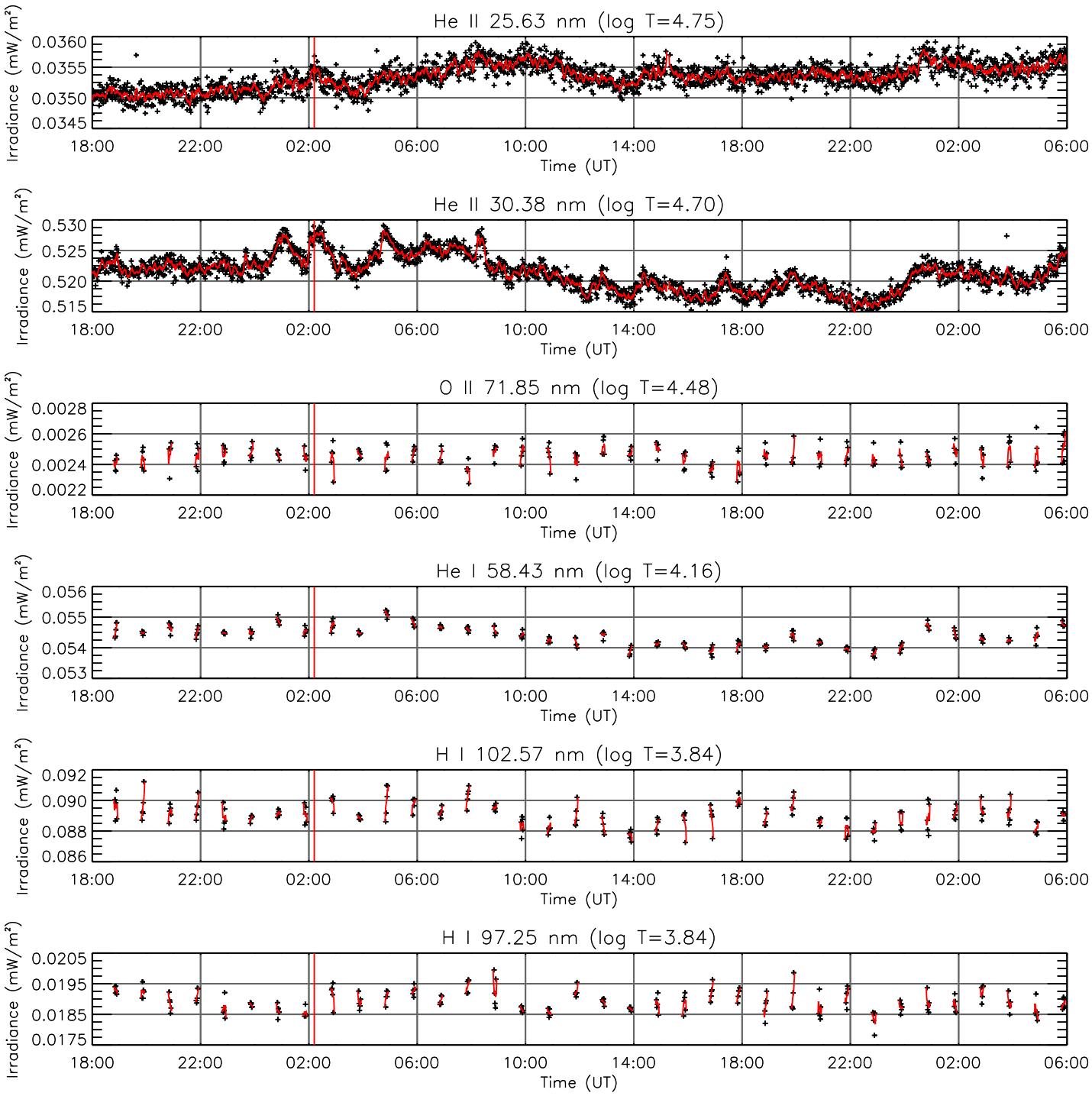


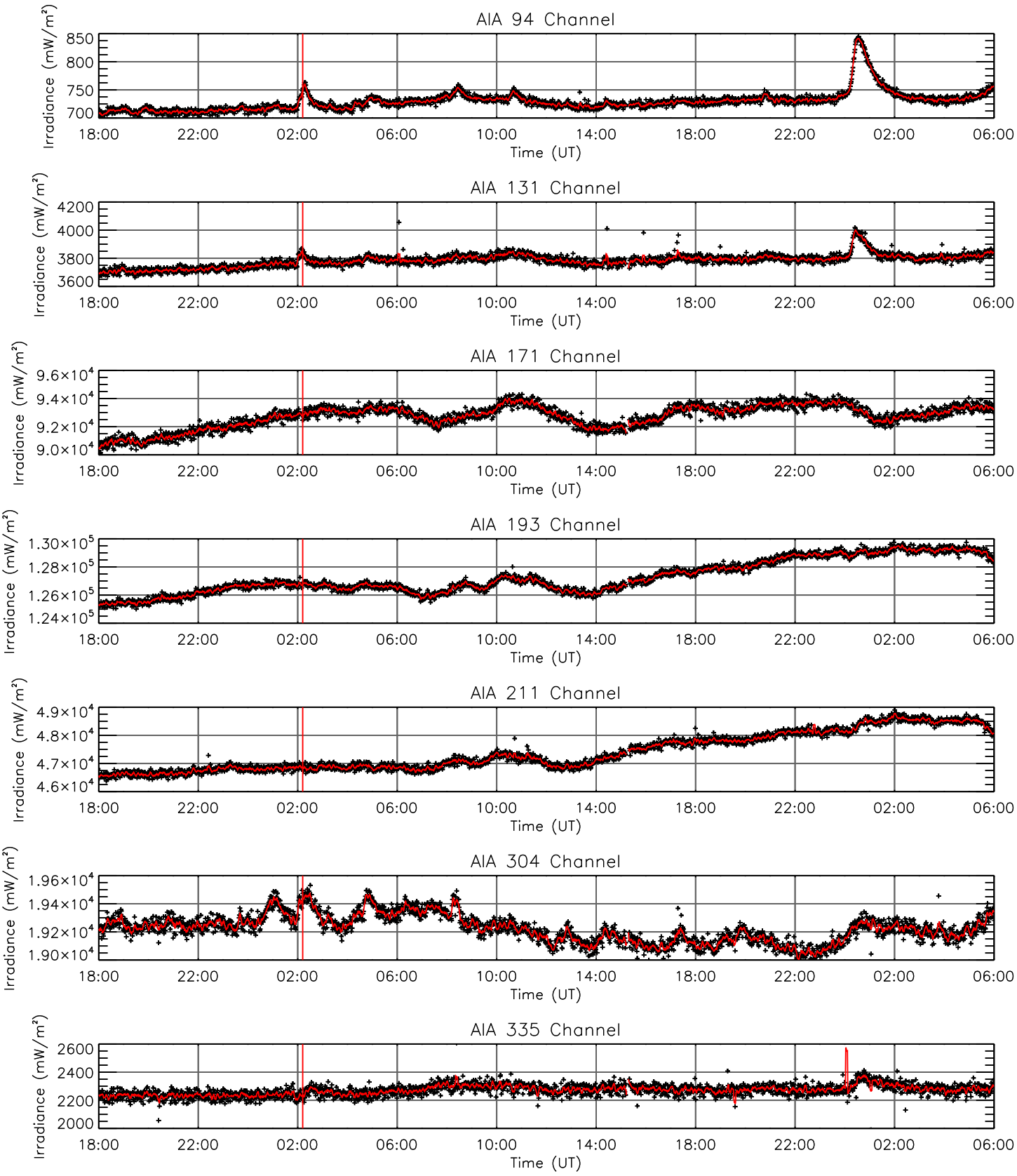

ESP 0−7 nm
Irradiance (mW/m²)
1.133
0.867
0.600
0.333
ESP 17.1 nm
0.707
0.693
0.680
0.667
ESP 25.7 nm
0.42
0.41
0.40
0.39
ESP 30.4 nm
0.807
0.793
0.780
0.767
ESP 36.6 nm
0.6
0.4
0.2
0.0
MEGS−P 121.6 nm
7.17
7.03
6.90
6.77
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)

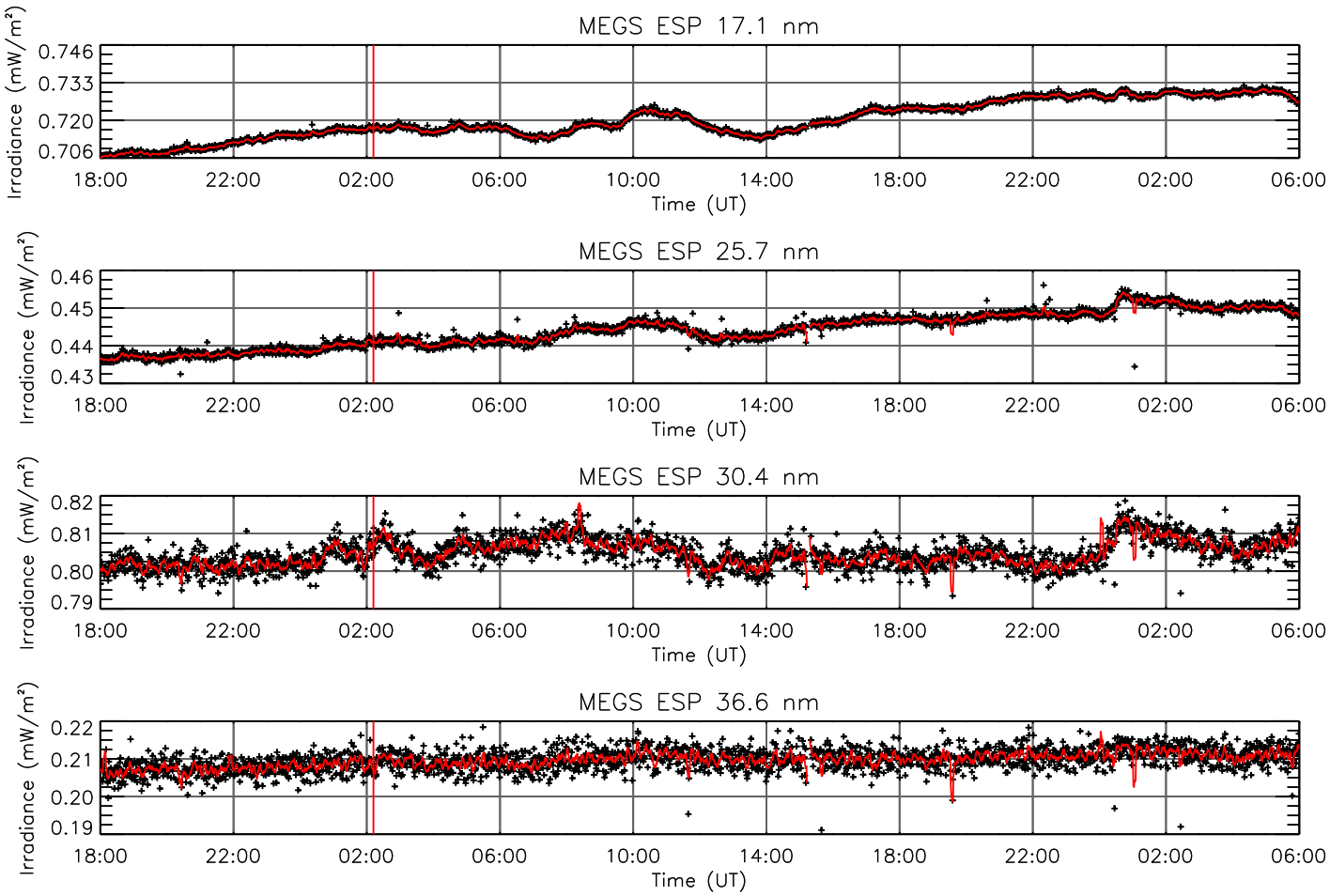

Fe XX 13.28 nm (log T=6.97)
Irradiance (mW/m²)
0.0014
0.0012
0.0010
0.0008
Fe XVIII 9.39 nm (log T=6.81)
0.0065
0.0060
0.0055
0.0050
Fe XVI 36.08 nm (log T=6.43)
2.25
1.75
1.25
0.75
Fe XVI 33.54 nm (log T=6.43)
0.028
0.026
0.024
0.022
Fe XV 28.42 nm (log T=6.30)
0.050
0.048
0.046
0.044
Si XII 49.94 nm (log T=6.29)
0.01583
0.01517
0.01450
0.01383
Fe XIV 21.13 nm (log T=6.27)
0.0270
0.0265
0.0260
0.0255
Fe XIII 20.20 nm (log T=6.19)
0.043
0.042
0.041
0.040
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)

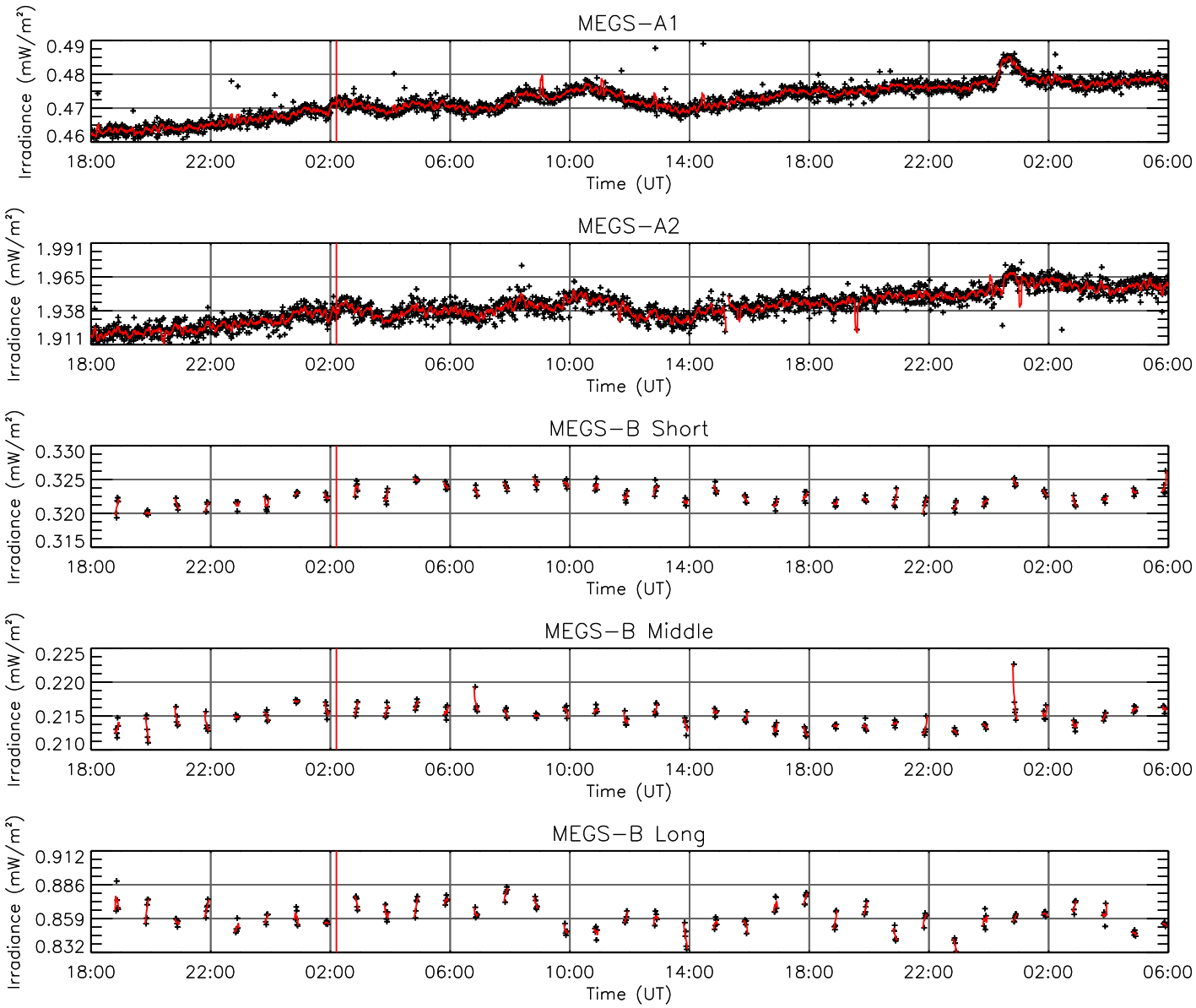

Fe XII 19.51 nm (log T=6.13)
Irradiance (mW/m²)
0.048
0.047
0.046
0.045
18:00 22:00 02:00 06:00 10:00 14:00 18:00 22:00 02:00 06:00
Time (UT)
Fe XI 18.04 nm (log T=6.07)
Irradiance (mW/m²)
0.060
0.059
0.058
0.057
18:00 22:00 02:00 06:00 10:00 14:00 18:00 22:00 02:00 06:00
Time (UT)
Mg X 62.49 nm (log T=6.05)
Irradiance (mW/m²)
0.0118
0.0112
0.0108
0.0103
18:00 22:00 02:00 06:00 10:00 14:00 18:00 22:00 02:00 06:00
Time (UT)
Mg IX 36.81 nm (log T=5.99)
Irradiance (mW/m²)
0.042
0.040
0.038
0.036
18:00 22:00 02:00 06:00 10:00 14:00 18:00 22:00 02:00 06:00
Time (UT)
Fe X 17.72 nm (log T=5.99)
Irradiance (mW/m²)
0.04077
0.04011
0.03944
0.03877
18:00 22:00 02:00 06:00 10:00 14:00 18:00 22:00 02:00 06:00
Time (UT)
Ne VIII 77.04 nm (log T=5.81)
Irradiance (mW/m²)
0.0150
0.0145
0.0140
0.0135
18:00 22:00 02:00 06:00 10:00 14:00 18:00 22:00 02:00 06:00
Time (UT)
Fe IX 17.11 nm (log T=5.81)
Irradiance (mW/m²)
0.0577
0.0563
0.0550
0.0537
18:00 22:00 02:00 06:00 10:00 14:00 18:00 22:00 02:00 06:00
Time (UT)
Ne VII 46.52 nm (log T=5.71)
Irradiance (mW/m²)
0.0173
0.0168
0.0163
0.0158
18:00 22:00 02:00 06:00 10:00 14:00 18:00 22:00 02:00 06:00
Time (UT)


Fe VIII 13.12 nm (log T=5.57)
O VI 103.19 nm (log T=5.47)
O V 62.97 nm (log T=5.37)
O IV 79.02 nm (log T=5.19)
O IV 55.44 nm (log T=5.19)
O III 59.96 nm (log T=4.92)
O III 52.58 nm (log T=4.92)
C III 97.70 nm (log T=4.84)
Irradiance (mW/m²)
Time (UT)
18:00
22:00
02:00
06:00
10:00
14:00


He II 25.63 nm (log T=4.75)
Irradiance (mW/m²)
0.0360
0.0355
0.0350
0.0345
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
He II 30.38 nm (log T=4.70)
Irradiance (mW/m²)
0.530
0.525
0.520
0.515
Time (UT)
O II 71.85 nm (log T=4.48)
Irradiance (mW/m²)
0.0028
0.0026
0.0024
0.0022
Time (UT)
He I 58.43 nm (log T=4.16)
Irradiance (mW/m²)
0.056
0.055
0.054
0.053
Time (UT)
H I 102.57 nm (log T=3.84)
Irradiance (mW/m²)
0.092
0.090
0.088
0.086
Time (UT)
H I 97.25 nm (log T=3.84)
Irradiance (mW/m²)
0.0205
0.0195
0.0185
0.0175
Time (UT)


AIA 94 Channel
Irradiance (mW/m²)
850
800
750
700
AIA 131 Channel
Irradiance (mW/m²)
4200
4000
3800
3600
AIA 171 Channel
Irradiance (mW/m²)
9.6×10⁴
9.4×10⁴
9.2×10⁴
9.0×10⁴
AIA 193 Channel
Irradiance (mW/m²)
1.30×10⁵
1.28×10⁵
1.26×10⁵
1.24×10⁵
AIA 211 Channel
Irradiance (mW/m²)
4.9×10⁴
4.8×10⁴
4.7×10⁴
4.6×10⁴
AIA 304 Channel
Irradiance (mW/m²)
1.96×10⁴
1.94×10⁴
1.92×10⁴
1.90×10⁴
AIA 335 Channel
Irradiance (mW/m²)
2600
2400
2200
2000
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
Irradiance (mW/m²)
0.746
0.733
0.720
0.706
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
MEGS ESP 25.7 nm
Irradiance (mW/m²)
0.46
0.45
0.44
0.43
Time (UT)
MEGS ESP 30.4 nm
Irradiance (mW/m²)
0.82
0.81
0.80
0.79
Time (UT)
MEGS ESP 36.6 nm
Irradiance (mW/m²)
0.22
0.21
0.20
0.19
Time (UT)


MEGS−A1
Irradiance (mW/m²)
0.49
0.48
0.47
0.46
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)
1.991
1.965
1.938
1.911
Time (UT)
MEGS−B Short
Irradiance (mW/m²)
0.330
0.325
0.320
0.315
Time (UT)
MEGS−B Middle
Irradiance (mW/m²)
0.225
0.220
0.215
0.210
Time (UT)
MEGS−B Long
Irradiance (mW/m²)
0.912
0.886
0.859
0.832
Time (UT)