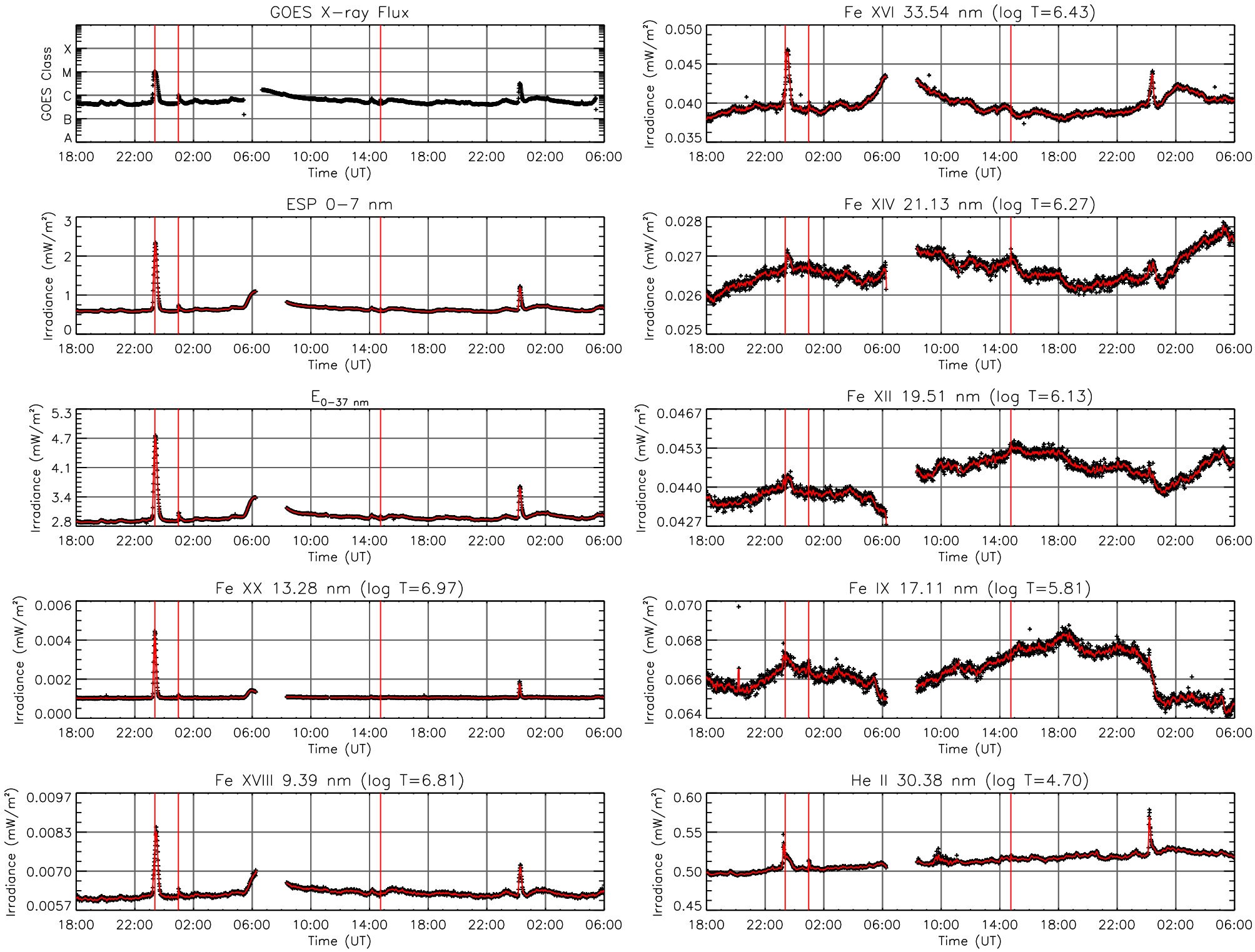
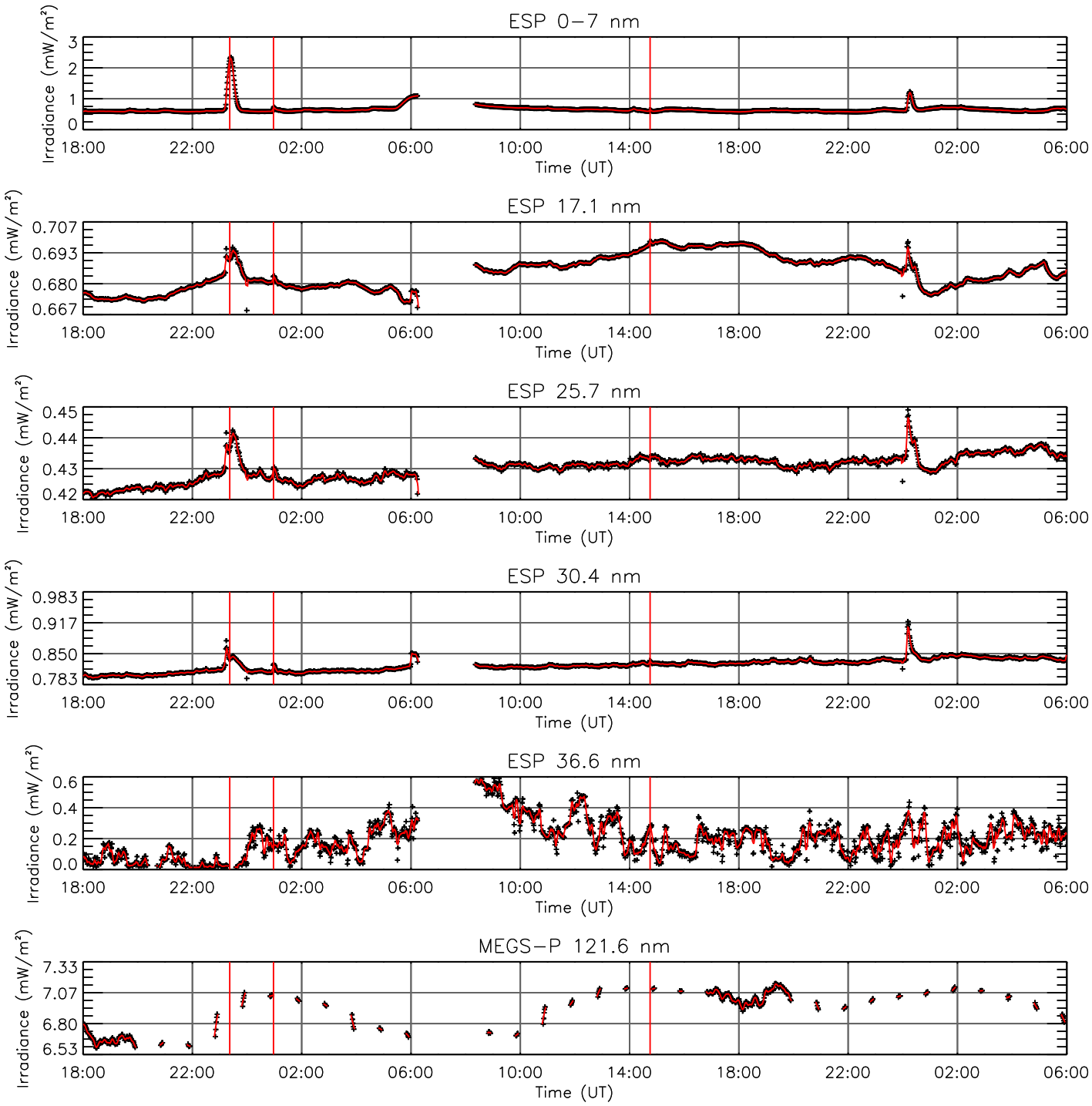
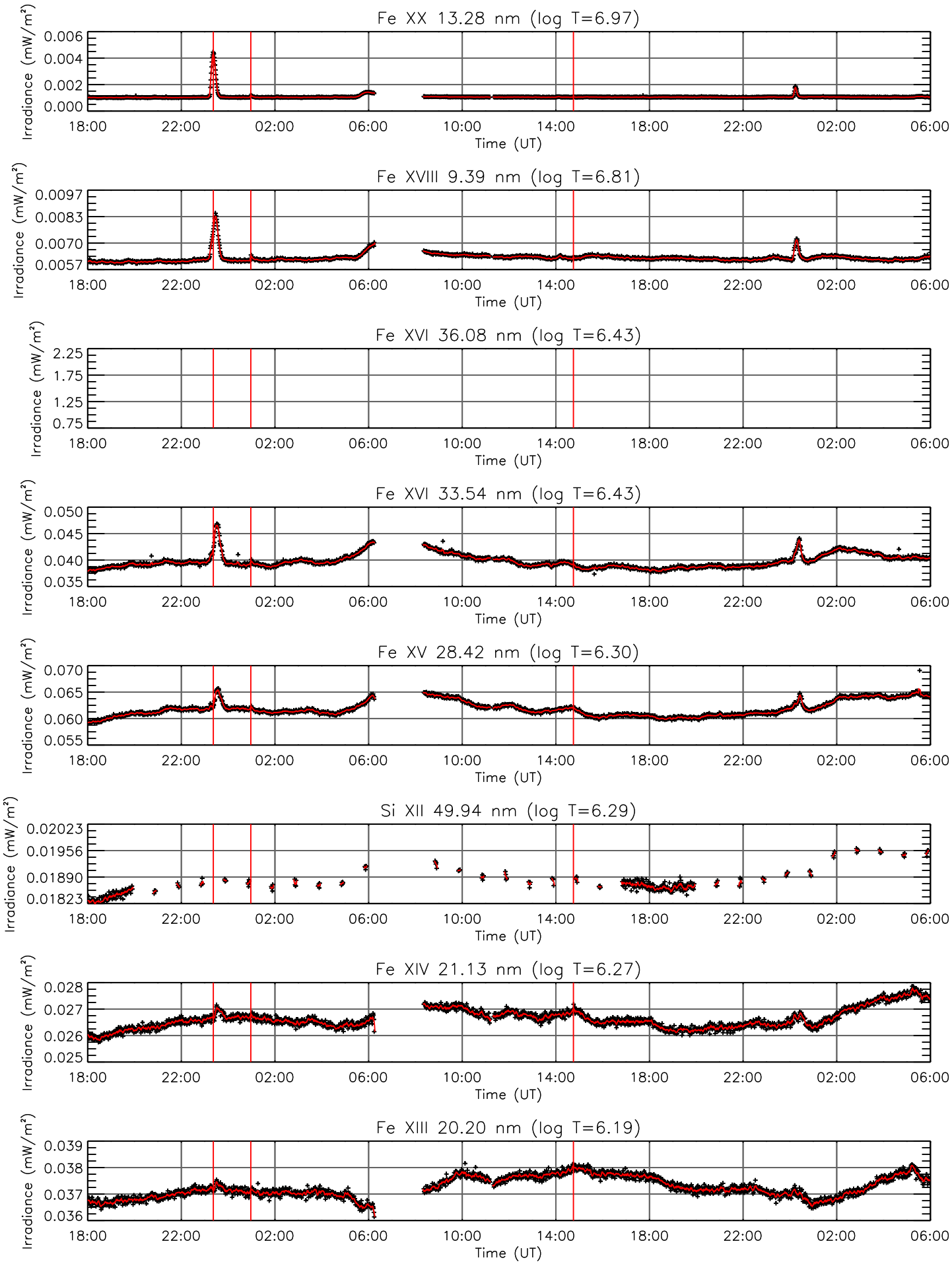
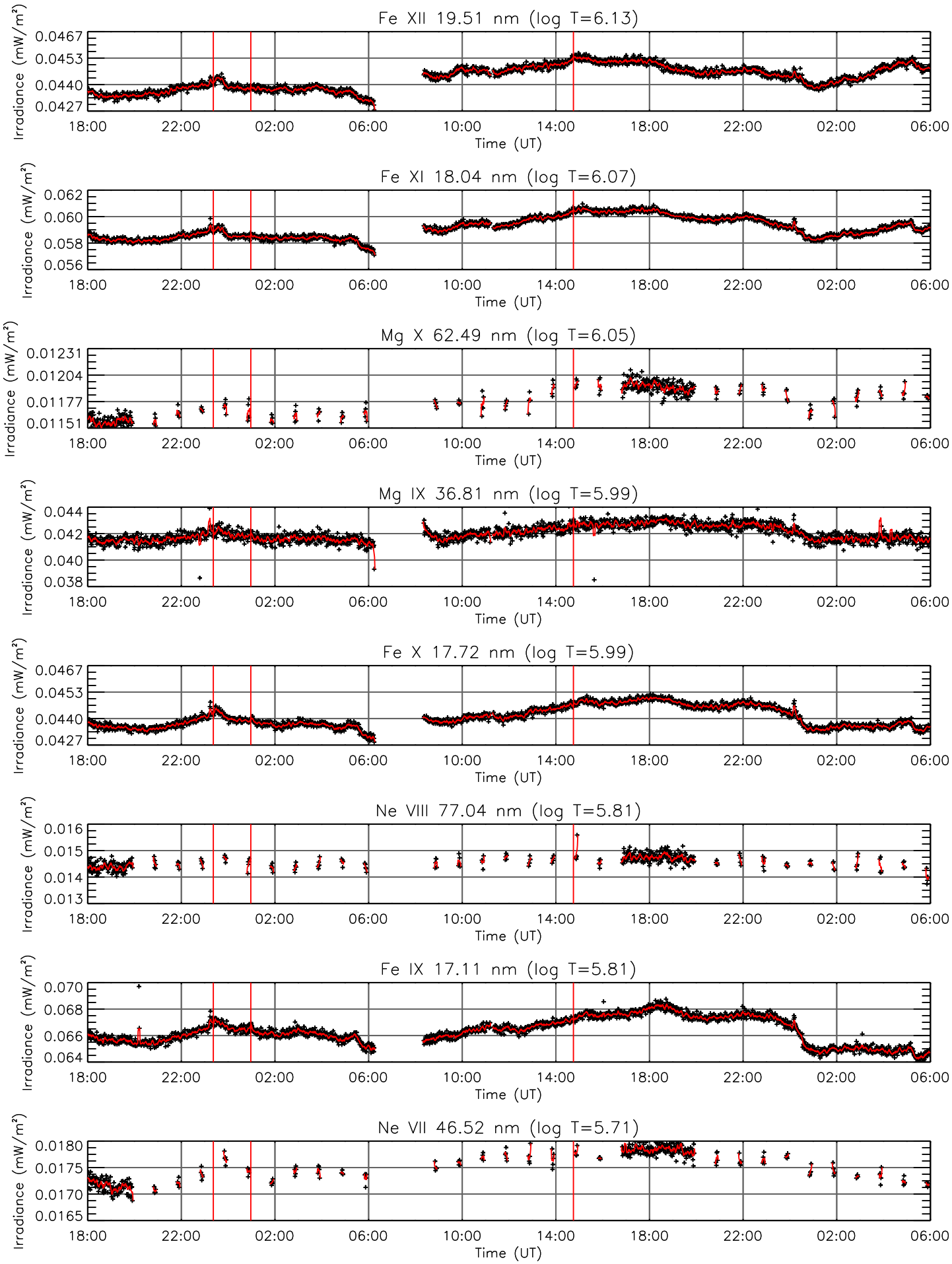
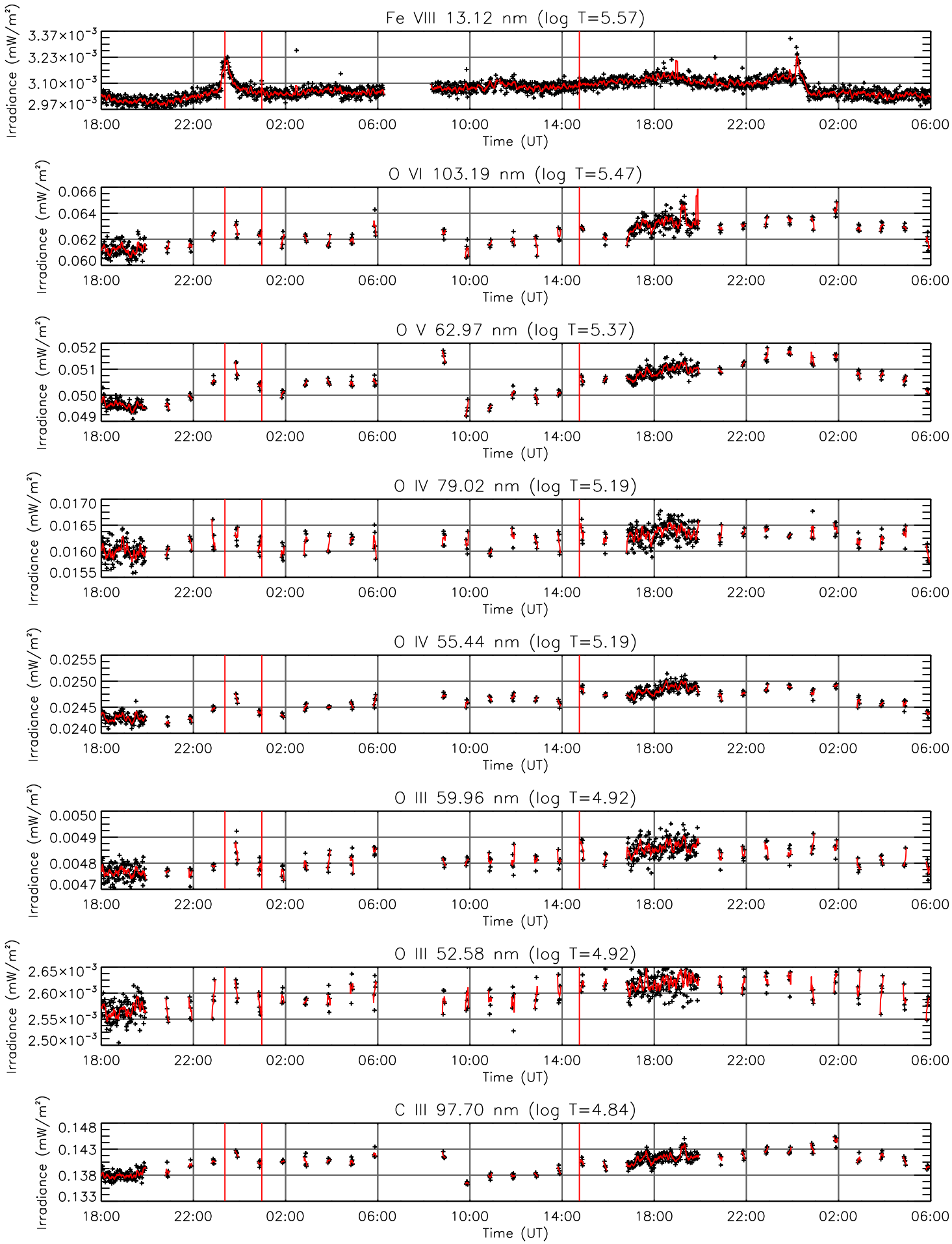
26 Mar 2011 (DOY 085)

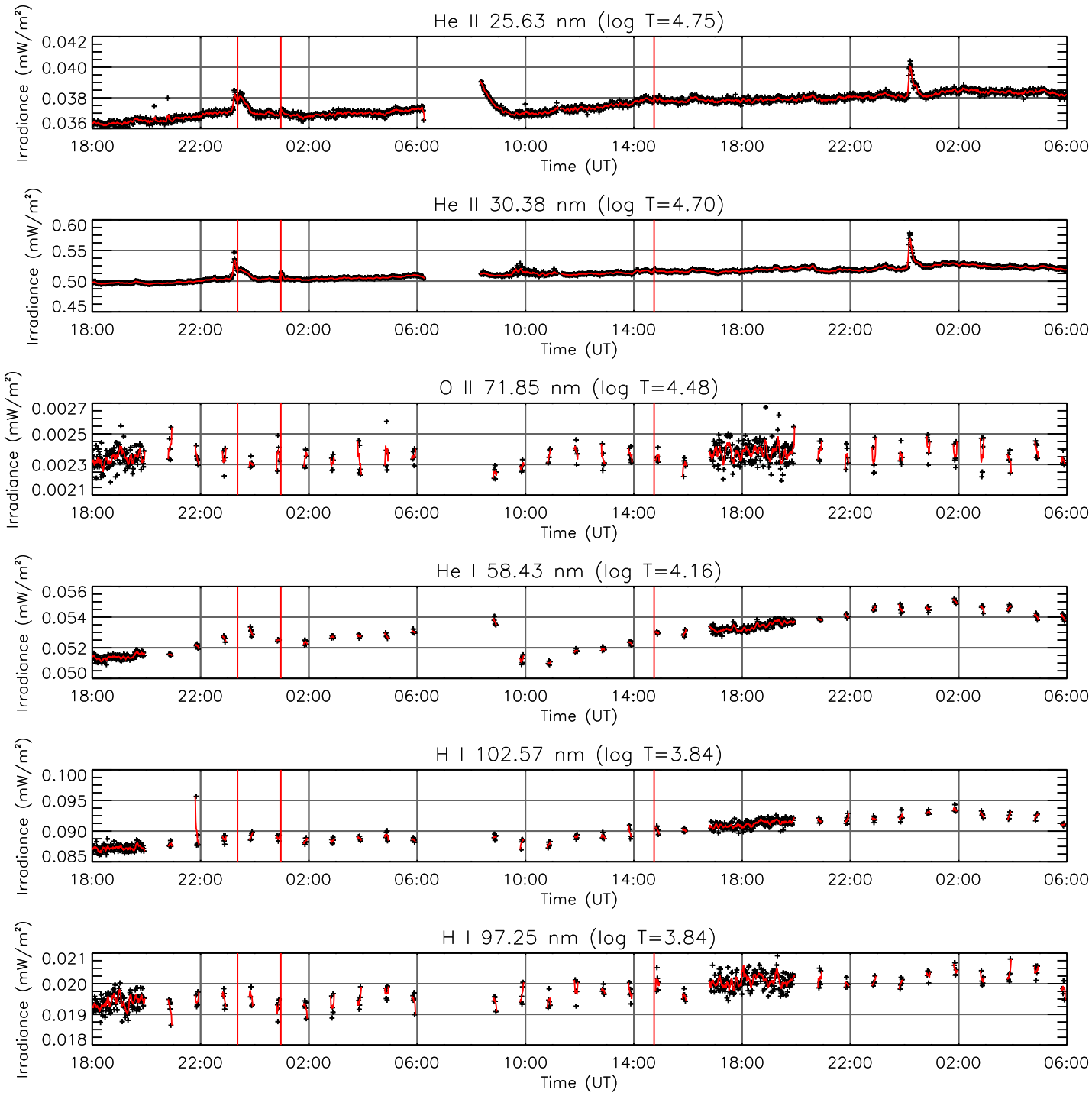


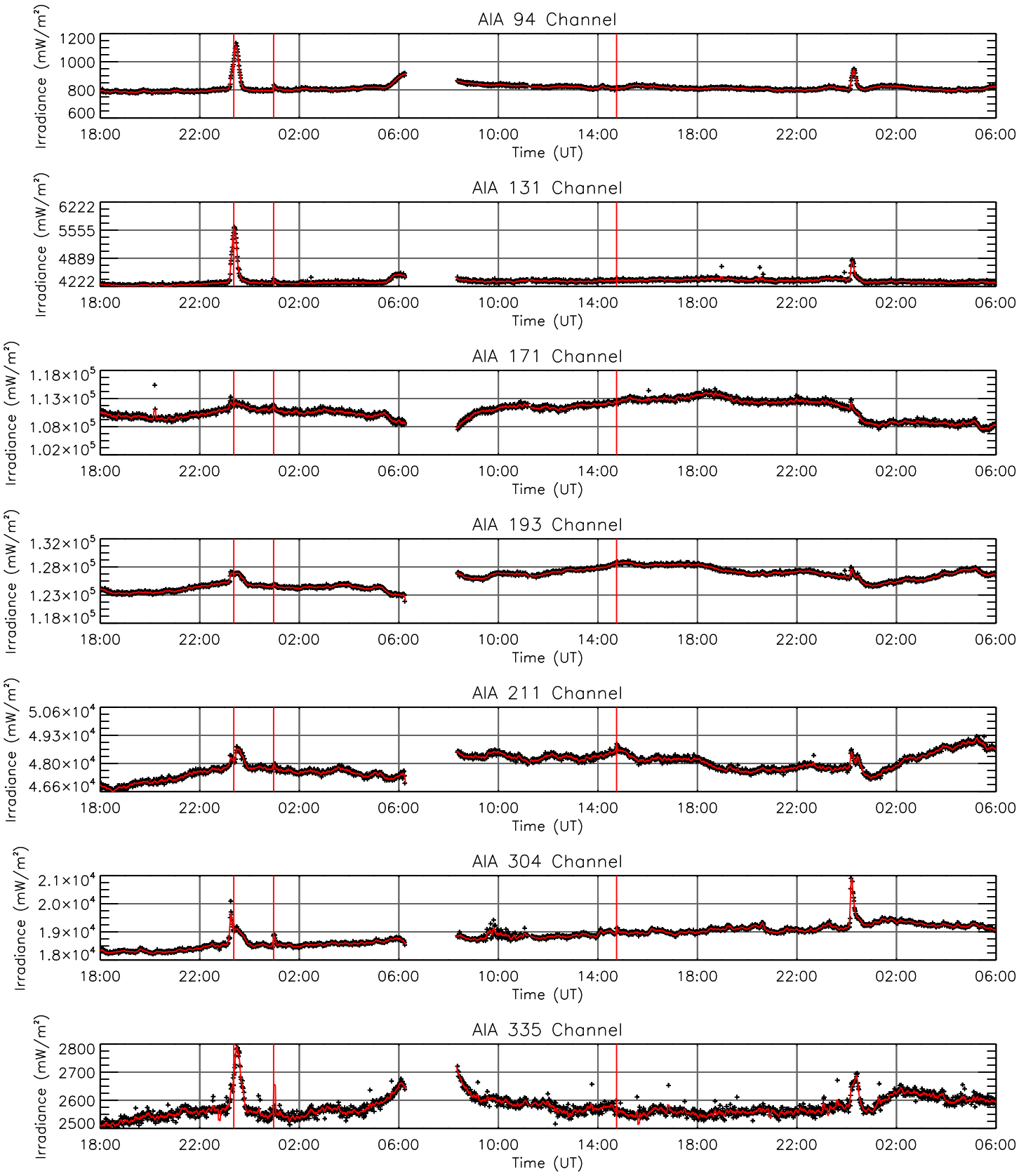

ESP 0−7 nm
Irradiance (mW/m²)
3
2
1
0
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
ESP 17.1 nm
Irradiance (mW/m²)
0.707
0.693
0.680
0.667
Time (UT)
ESP 25.7 nm
Irradiance (mW/m²)
0.45
0.44
0.43
0.42
Time (UT)
ESP 30.4 nm
Irradiance (mW/m²)
0.983
0.917
0.850
0.783
Time (UT)
ESP 36.6 nm
Irradiance (mW/m²)
0.6
0.4
0.2
0.0
Time (UT)
MEGS−P 121.6 nm
Irradiance (mW/m²)
7.33
7.07
6.80
6.53
Time (UT)

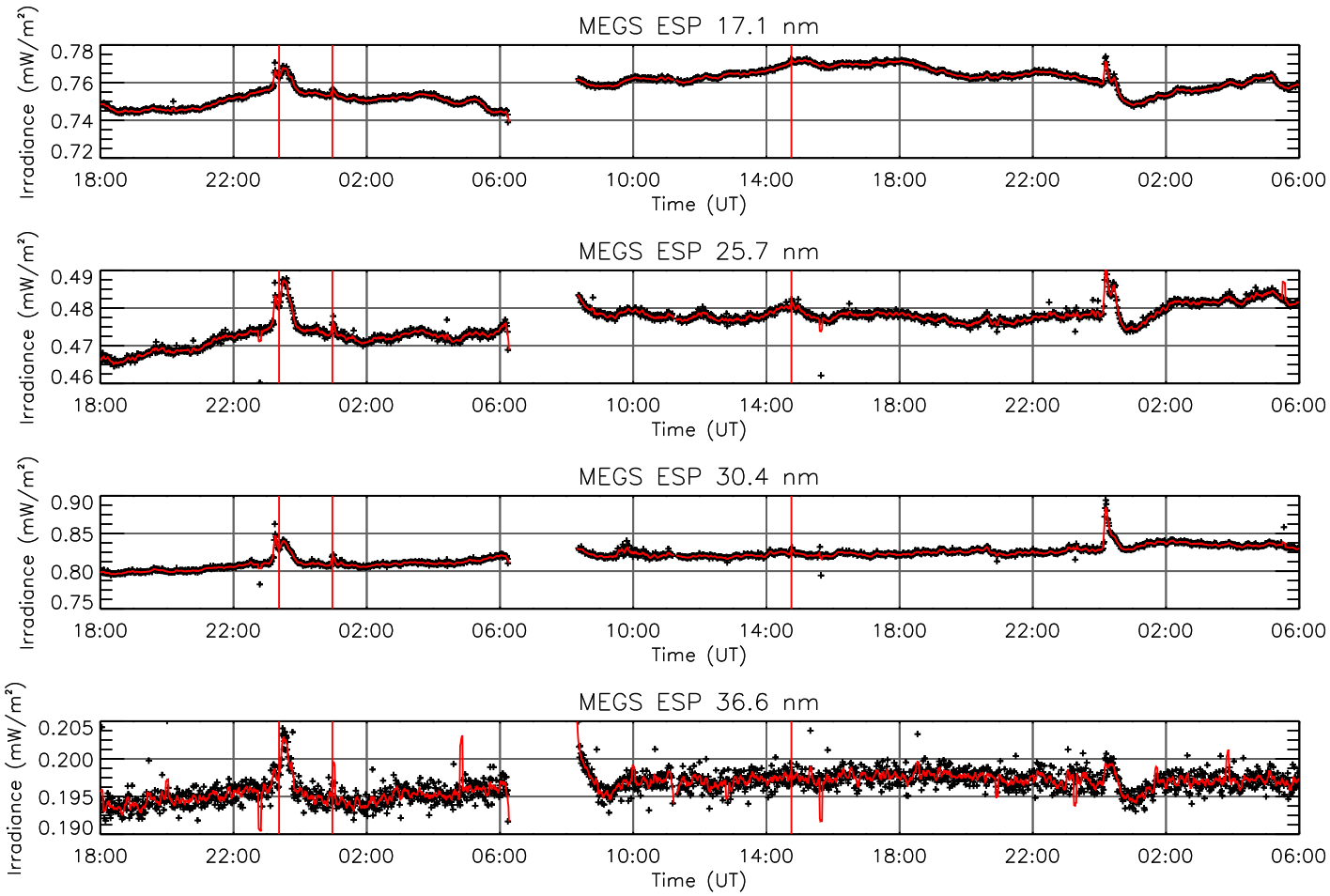

Fe XX 13.28 nm (log T=6.97)
Fe XVIII 9.39 nm (log T=6.81)
Fe XVI 36.08 nm (log T=6.43)
Fe XVI 33.54 nm (log T=6.43)
Fe XV 28.42 nm (log T=6.30)
Si XII 49.94 nm (log T=6.29)
Fe XIV 21.13 nm (log T=6.27)
Fe XIII 20.20 nm (log T=6.19)
Irradiance (mW/m²)
Time (UT)
18:00
22:00
02:00
06:00
10:00
14:00

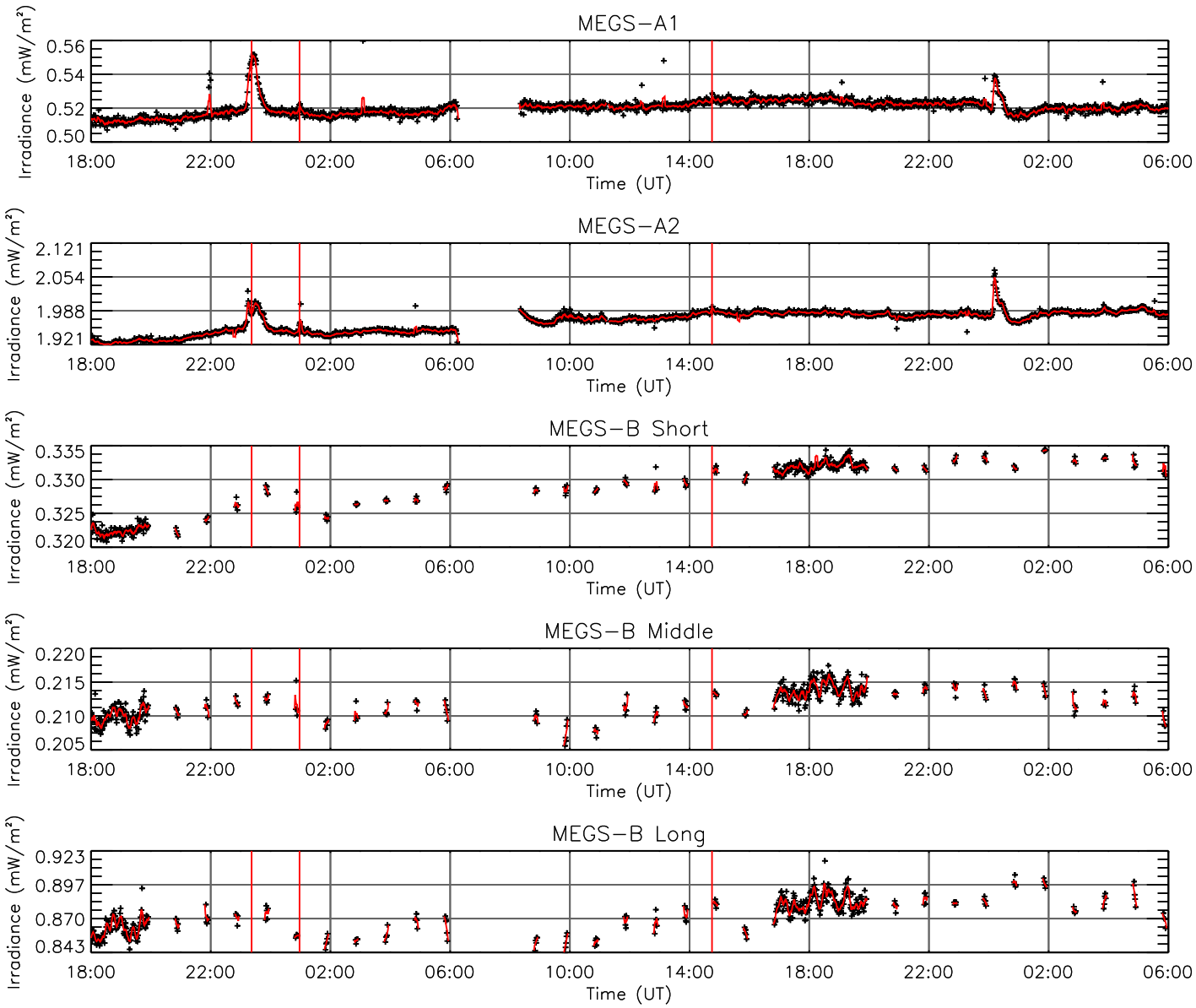

Fe XII 19.51 nm (log T=6.13)
Irradiance (mW/m²)
0.0467
0.0453
0.0440
0.0427
Fe XI 18.04 nm (log T=6.07)
0.062
0.060
0.058
0.056
Mg X 62.49 nm (log T=6.05)
0.01231
0.01204
0.01177
0.01151
Mg IX 36.81 nm (log T=5.99)
0.044
0.042
0.040
0.038
Fe X 17.72 nm (log T=5.99)
0.0467
0.0453
0.0440
0.0427
Ne VIII 77.04 nm (log T=5.81)
0.016
0.015
0.014
0.013
Fe IX 17.11 nm (log T=5.81)
0.070
0.068
0.066
0.064
Ne VII 46.52 nm (log T=5.71)
0.0180
0.0175
0.0170
0.0165
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)
0.042
0.040
0.038
0.036
He II 30.38 nm (log T=4.70)
0.60
0.55
0.50
0.45
O II 71.85 nm (log T=4.48)
0.0027
0.0025
0.0023
0.0021
He I 58.43 nm (log T=4.16)
0.056
0.054
0.052
0.050
H I 102.57 nm (log T=3.84)
0.100
0.095
0.090
0.085
H I 97.25 nm (log T=3.84)
0.021
0.020
0.019
0.018
18:00
22:00
02:00
06:00
10:00
14:00
Time (UT)


AIA 94 Channel
Irradiance (mW/m²)
1200
1000
800
600
AIA 131 Channel
6222
5555
4889
4222
AIA 171 Channel
1.18×10⁵
1.13×10⁵
1.08×10⁵
1.02×10⁵
AIA 193 Channel
1.32×10⁵
1.28×10⁵
1.23×10⁵
1.18×10⁵
AIA 211 Channel
5.06×10⁴
4.93×10⁴
4.80×10⁴
4.66×10⁴
AIA 304 Channel
2.1×10⁴
2.0×10⁴
1.9×10⁴
1.8×10⁴
AIA 335 Channel
2800
2700
2600
2500
18:00
22:00
02:00
06:00
10:00
14:00
Time (UT)


MEGS ESP 17.1 nm
Irradiance (mW/m²)
0.78
0.76
0.74
0.72
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)
0.49
0.48
0.47
0.46
Time (UT)
MEGS ESP 30.4 nm
Irradiance (mW/m²)
0.90
0.85
0.80
0.75
Time (UT)
MEGS ESP 36.6 nm
Irradiance (mW/m²)
0.205
0.200
0.195
0.190
Time (UT)


MEGS−A1
Irradiance (mW/m²)
0.56
0.54
0.52
0.50
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)
2.121
2.054
1.988
1.921
Time (UT)
MEGS−B Short
Irradiance (mW/m²)
0.335
0.330
0.325
0.320
Time (UT)
MEGS−B Middle
Irradiance (mW/m²)
0.220
0.215
0.210
0.205
Time (UT)
MEGS−B Long
Irradiance (mW/m²)
0.923
0.897
0.870
0.843
Time (UT)