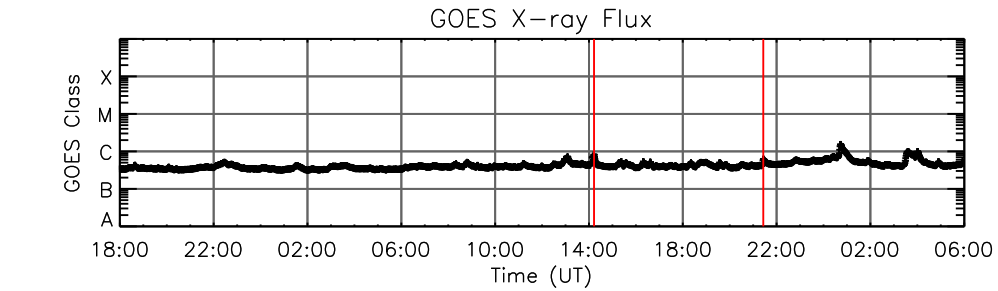
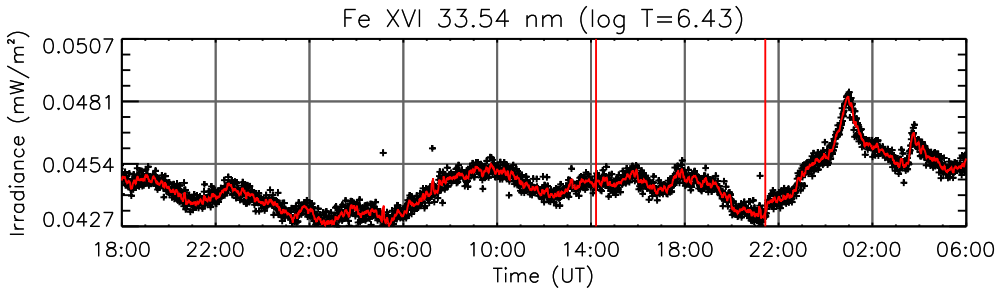
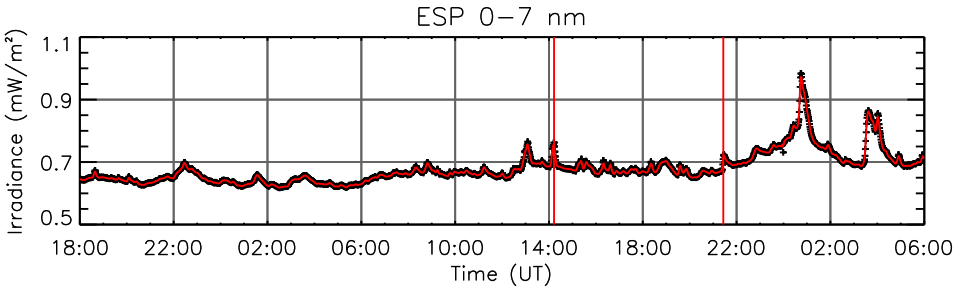
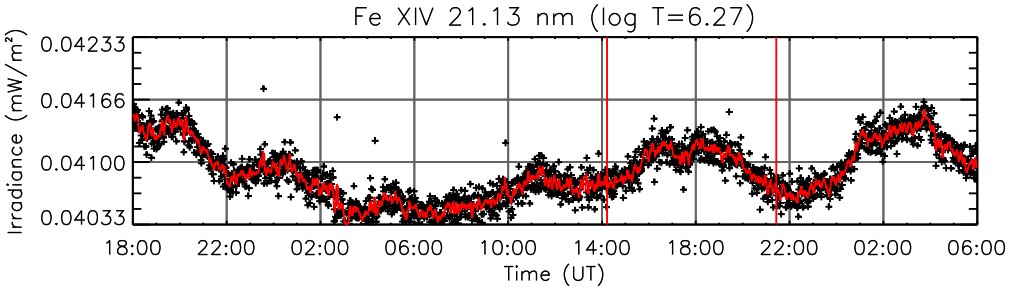
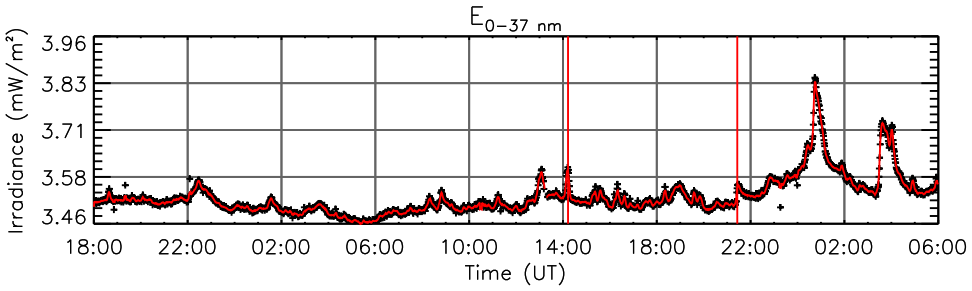
19 Dec 2011 (DOY 353)

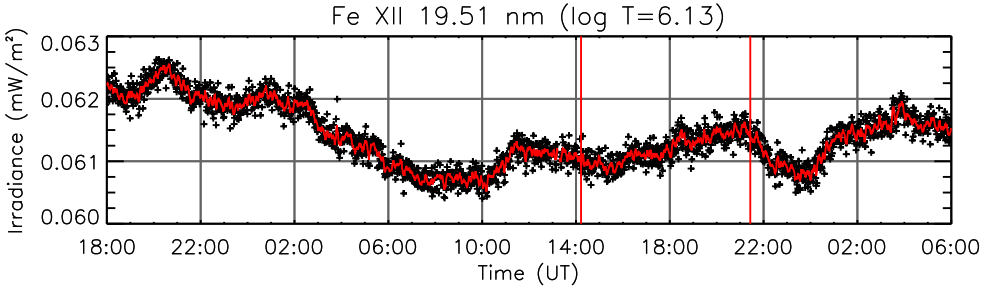


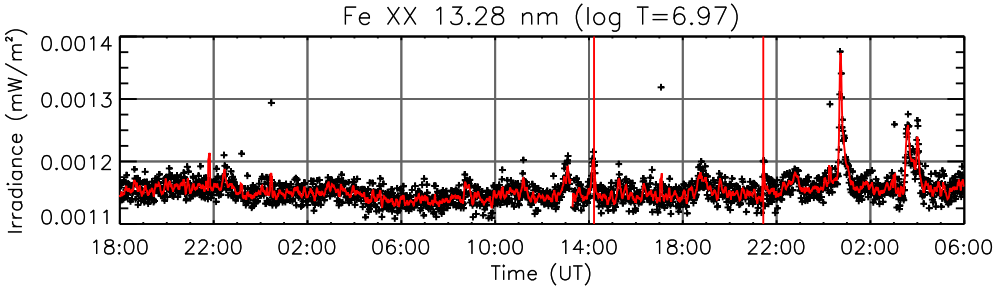


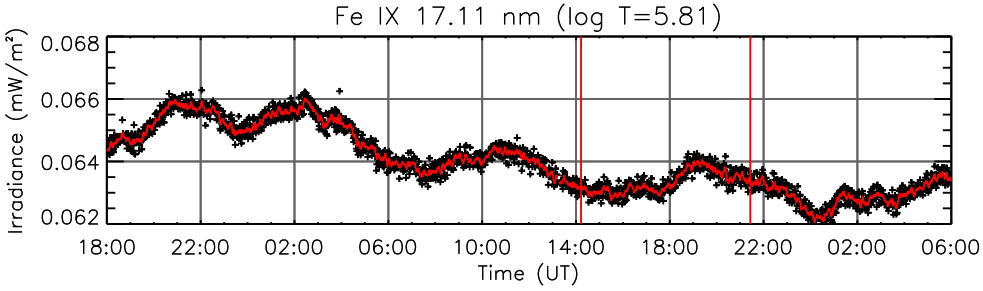


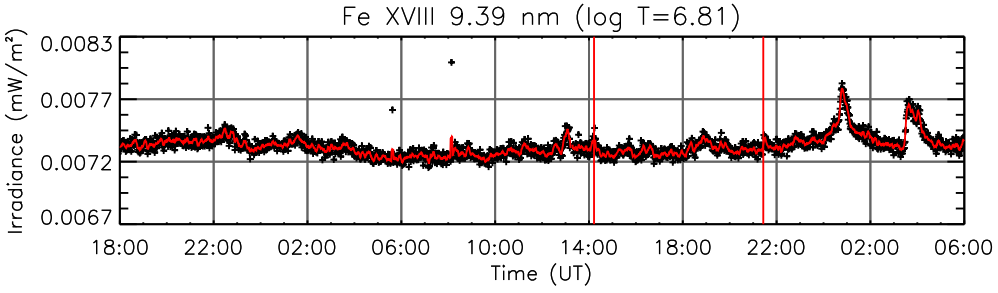


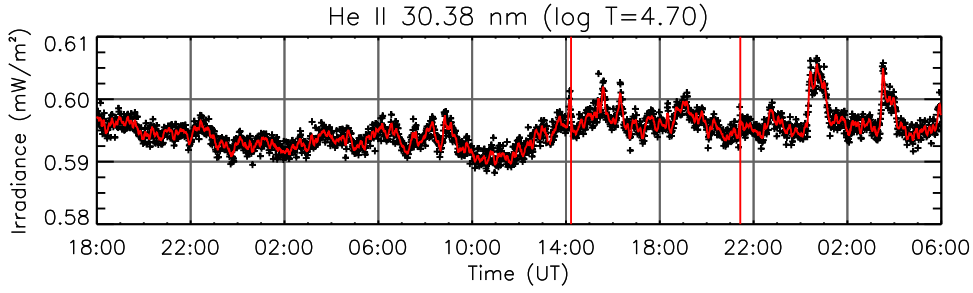


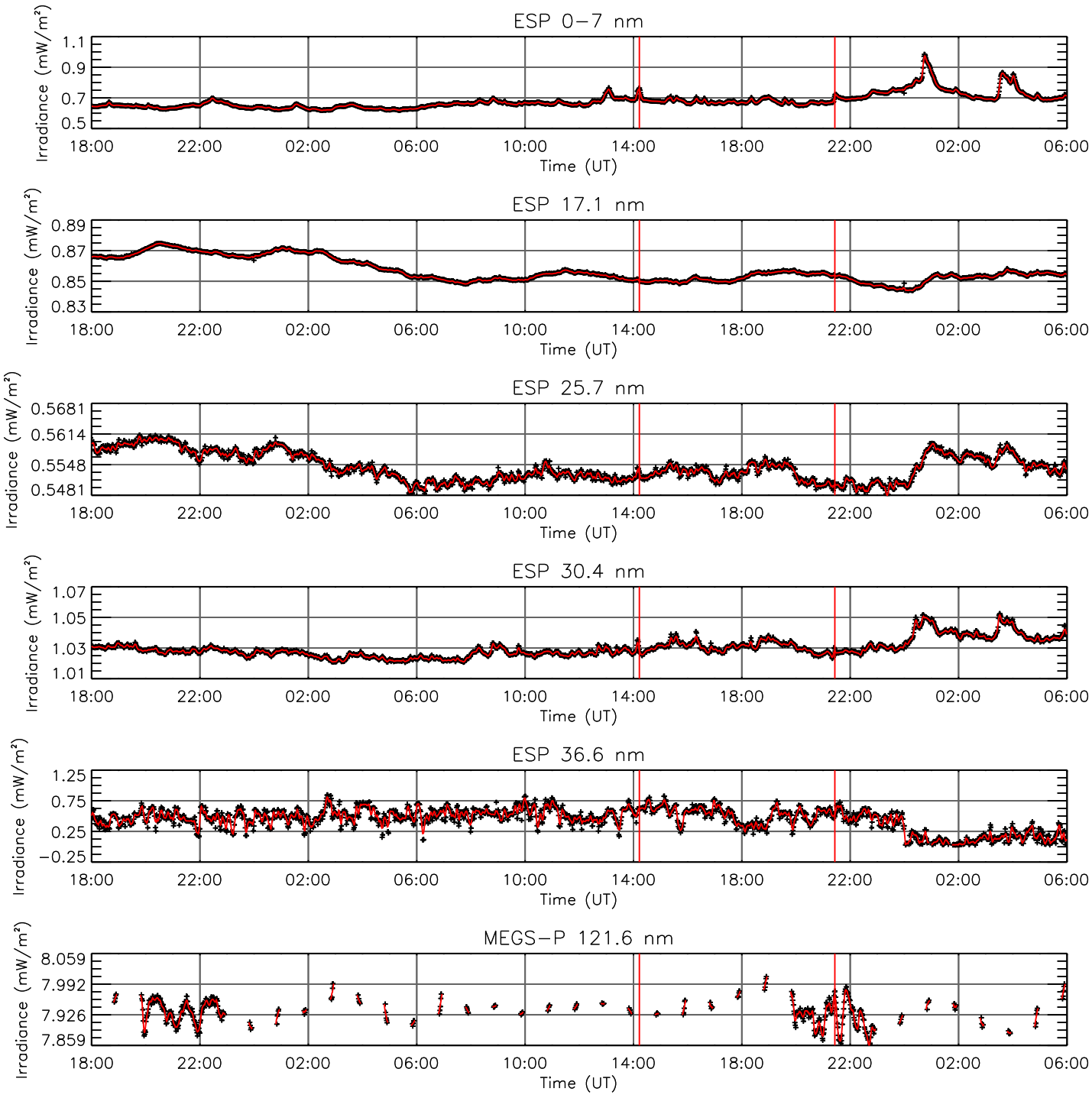


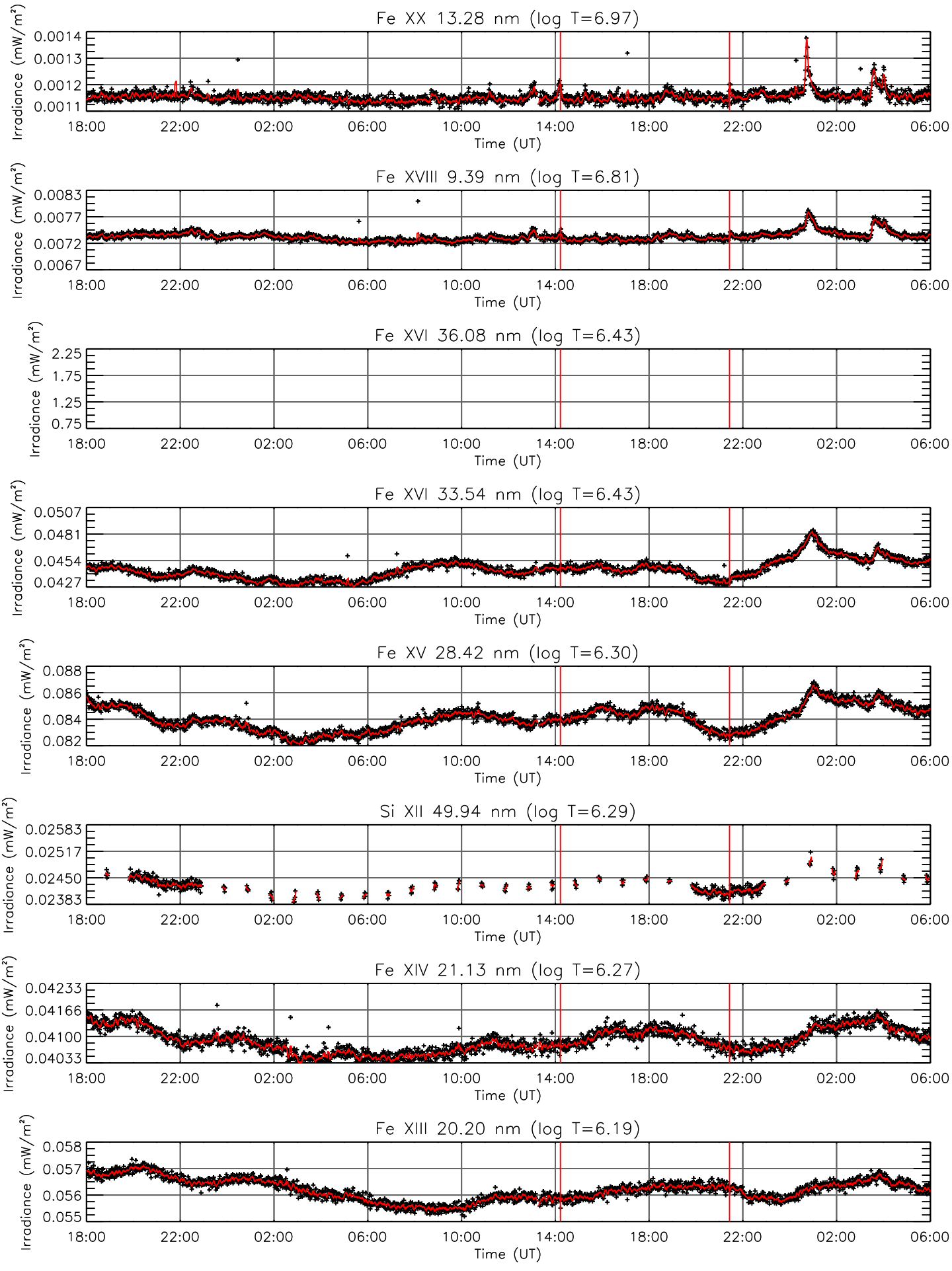


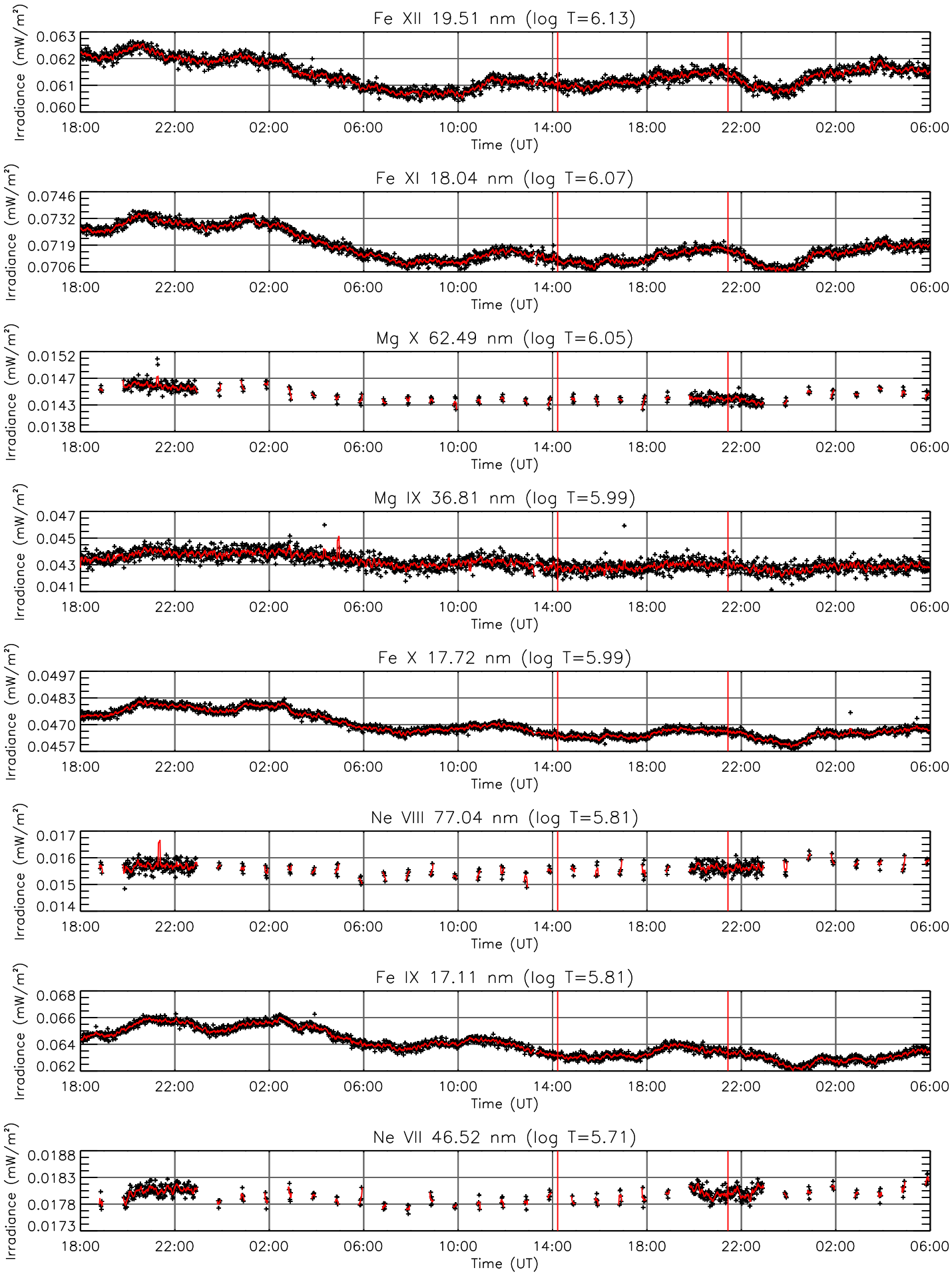


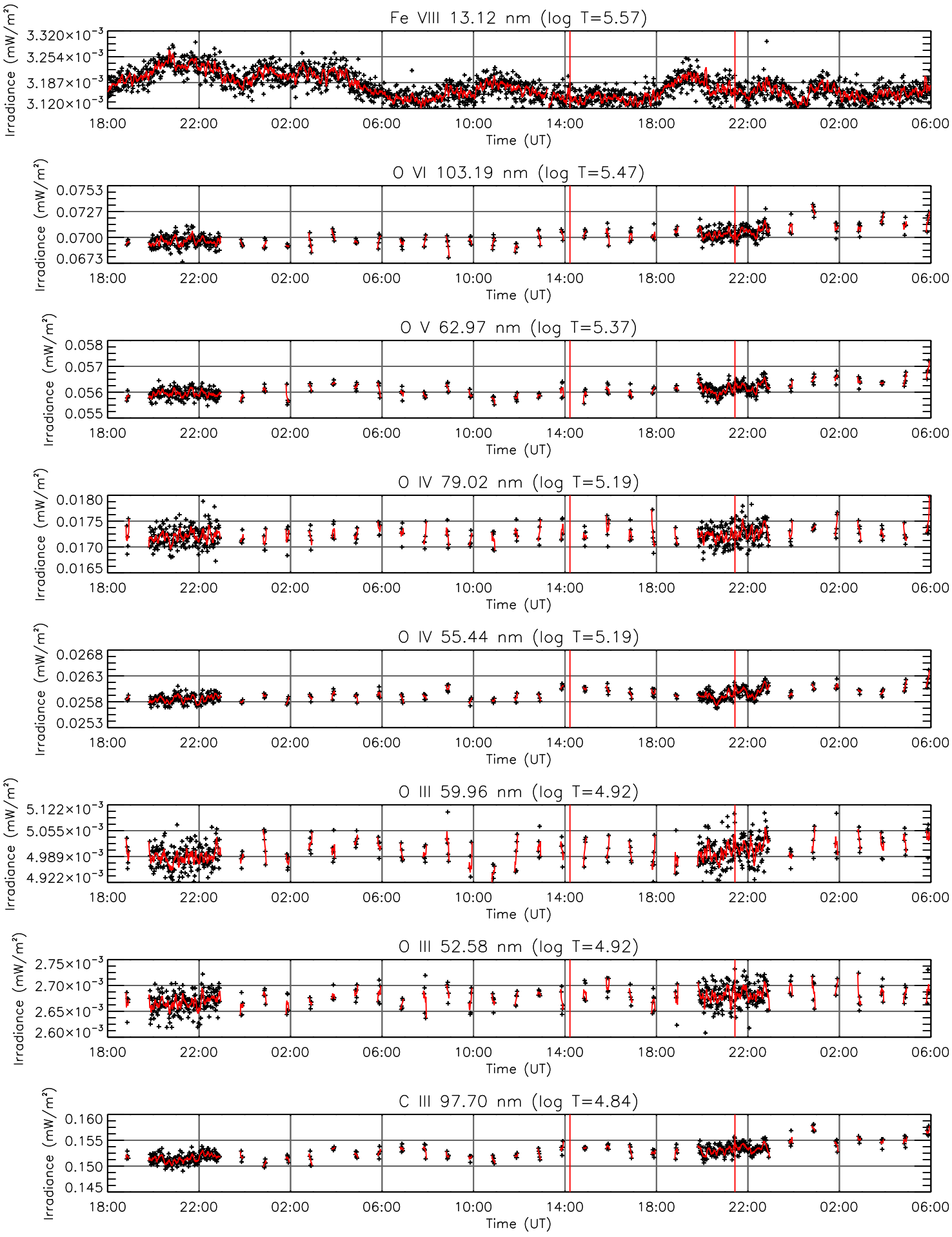


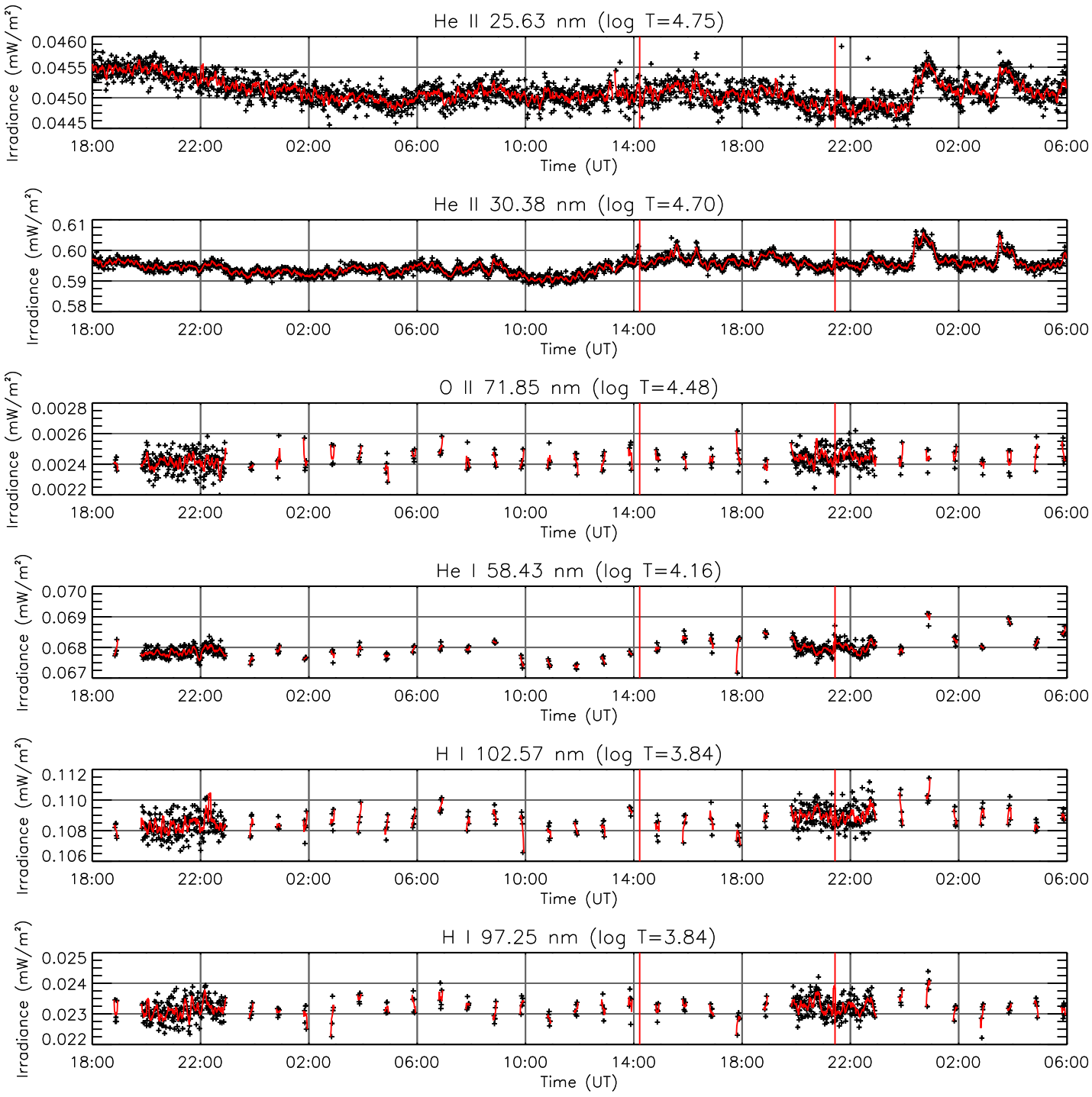


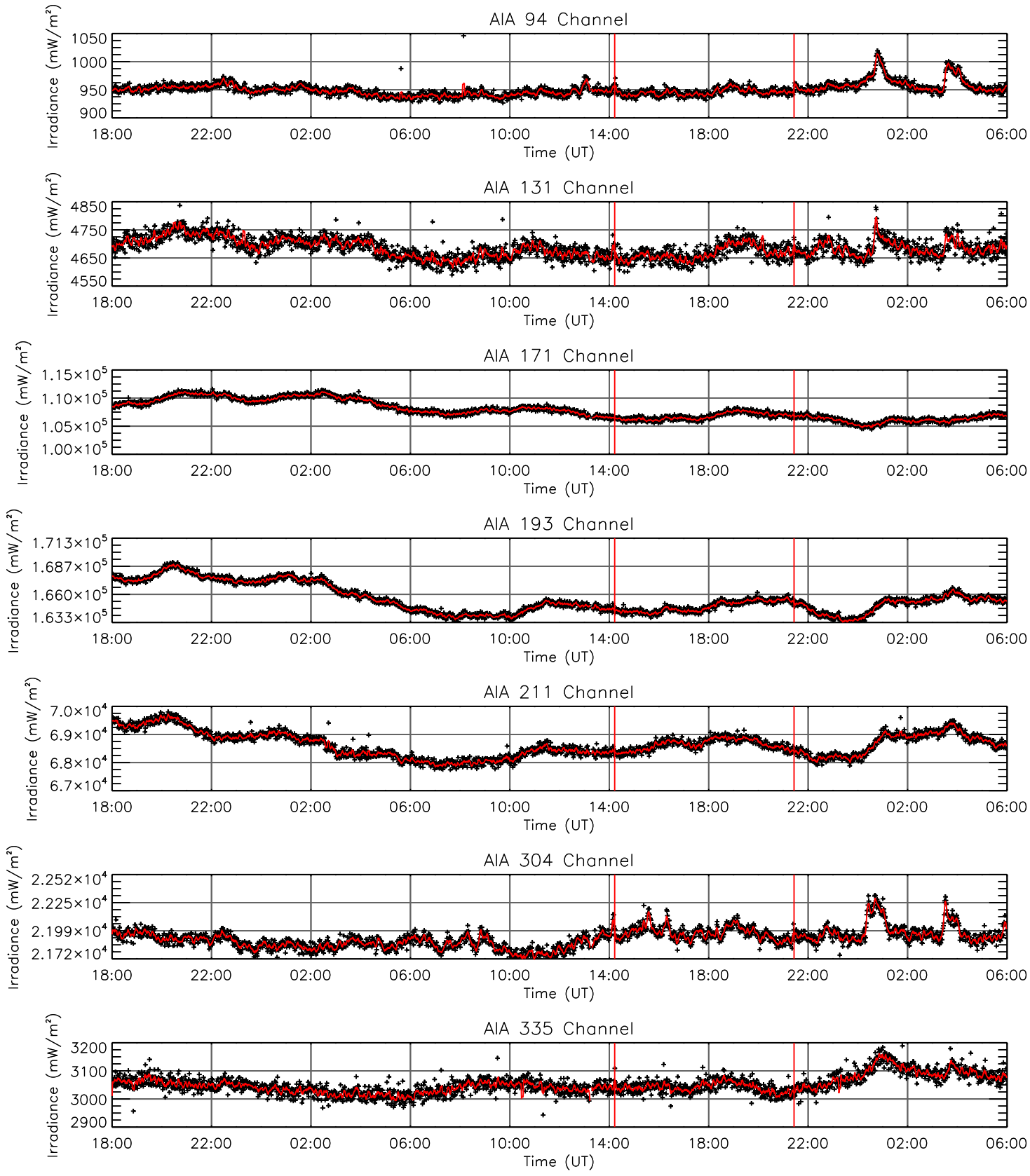

ESP 0–7 nm
Irradiance (mW/m²)
1.1
0.9
0.7
0.5
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
ESP 17.1 nm
Irradiance (mW/m²)
0.89
0.87
0.85
0.83
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
ESP 25.7 nm
Irradiance (mW/m²)
0.5681
0.5614
0.5548
0.5481
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
ESP 30.4 nm
Irradiance (mW/m²)
1.07
1.05
1.03
1.01
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
ESP 36.6 nm
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–P 121.6 nm
Irradiance (mW/m²)
8.059
7.992
7.926
7.859
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)

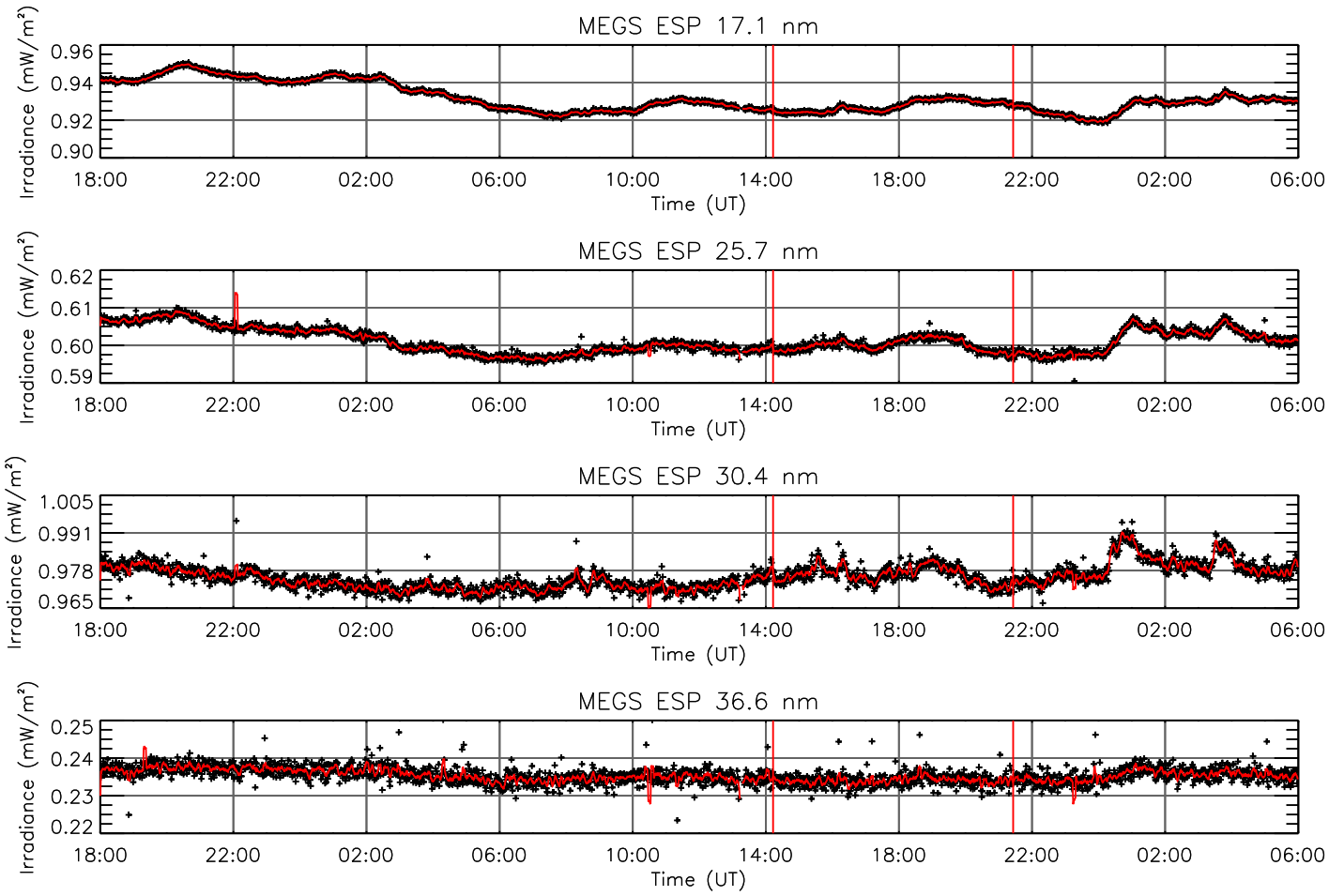

Fe XX 13.28 nm (log T=6.97)
Irradiance (mW/m²)
0.0014
0.0013
0.0012
0.0011
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
Fe XVIII 9.39 nm (log T=6.81)
Irradiance (mW/m²)
0.0083
0.0077
0.0072
0.0067
Time (UT)
Fe XVI 36.08 nm (log T=6.43)
Irradiance (mW/m²)
2.25
1.75
1.25
0.75
Time (UT)
Fe XVI 33.54 nm (log T=6.43)
Irradiance (mW/m²)
0.0507
0.0481
0.0454
0.0427
Time (UT)
Fe XV 28.42 nm (log T=6.30)
Irradiance (mW/m²)
0.088
0.086
0.084
0.082
Time (UT)
Si XII 49.94 nm (log T=6.29)
Irradiance (mW/m²)
0.02583
0.02517
0.02450
0.02383
Time (UT)
Fe XIV 21.13 nm (log T=6.27)
Irradiance (mW/m²)
0.04233
0.04166
0.04100
0.04033
Time (UT)
Fe XIII 20.20 nm (log T=6.19)
Irradiance (mW/m²)
0.058
0.057
0.056
0.055
Time (UT)

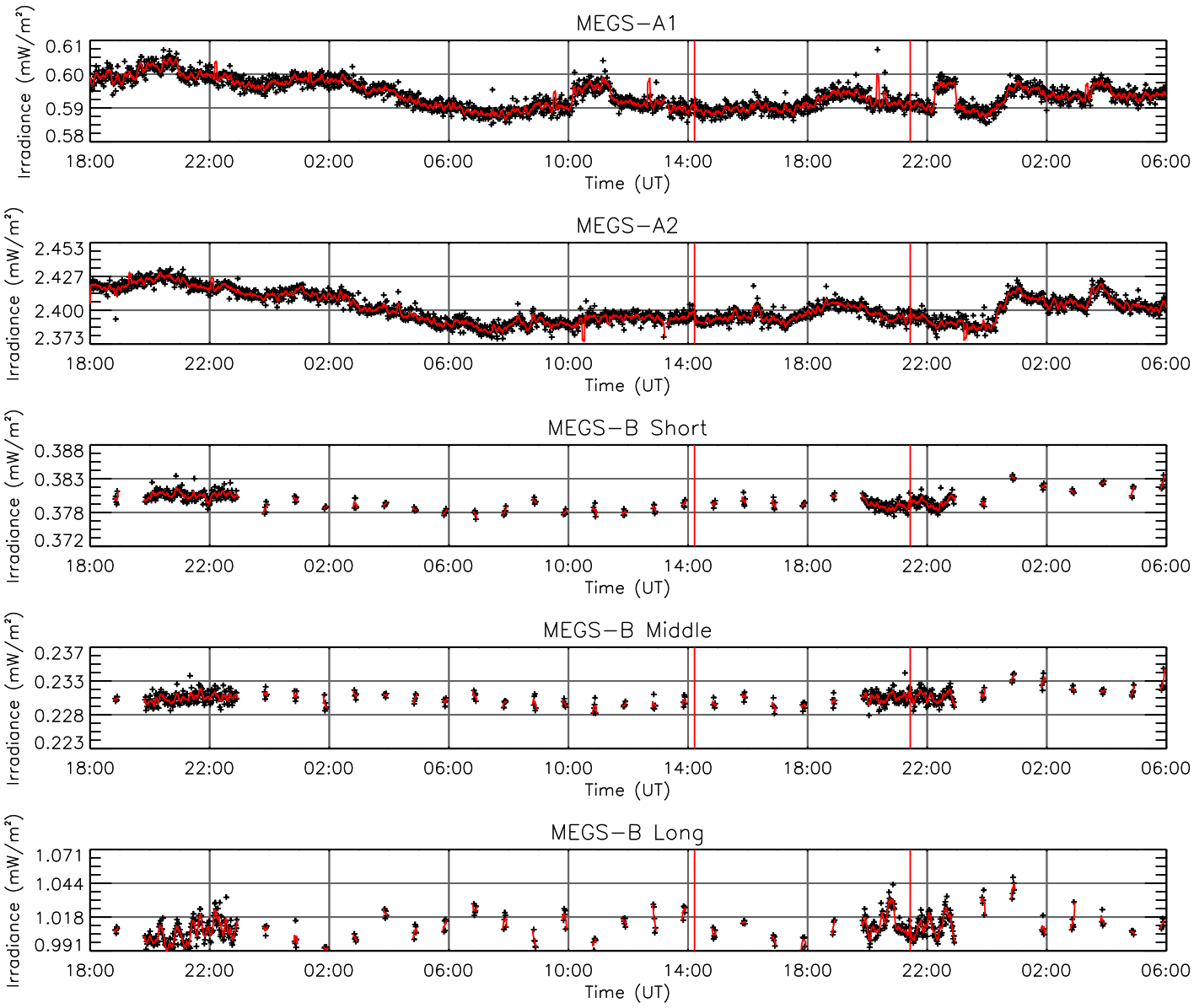

Fe XII 19.51 nm (log T=6.13)
Irradiance (mW/m²)
0.063
0.062
0.061
0.060
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
Fe XI 18.04 nm (log T=6.07)
Irradiance (mW/m²)
0.0746
0.0732
0.0719
0.0706
Time (UT)
Mg X 62.49 nm (log T=6.05)
Irradiance (mW/m²)
0.0152
0.0147
0.0143
0.0138
Time (UT)
Mg IX 36.81 nm (log T=5.99)
Irradiance (mW/m²)
0.047
0.045
0.043
0.041
Time (UT)
Fe X 17.72 nm (log T=5.99)
Irradiance (mW/m²)
0.0497
0.0483
0.0470
0.0457
Time (UT)
Ne VIII 77.04 nm (log T=5.81)
Irradiance (mW/m²)
0.017
0.016
0.015
0.014
Time (UT)
Fe IX 17.11 nm (log T=5.81)
Irradiance (mW/m²)
0.068
0.066
0.064
0.062
Time (UT)
Ne VII 46.52 nm (log T=5.71)
Irradiance (mW/m²)
0.0188
0.0183
0.0178
0.0173
Time (UT)


Fe VIII 13.12 nm (log T=5.57)
3.320×10⁻³
3.254×10⁻³
3.187×10⁻³
3.120×10⁻³
O VI 103.19 nm (log T=5.47)
0.0753
0.0727
0.0700
0.0673
O V 62.97 nm (log T=5.37)
0.058
0.057
0.056
0.055
O IV 79.02 nm (log T=5.19)
0.0180
0.0175
0.0170
0.0165
O IV 55.44 nm (log T=5.19)
0.0268
0.0263
0.0258
0.0253
O III 59.96 nm (log T=4.92)
5.122×10⁻³
5.055×10⁻³
4.989×10⁻³
4.922×10⁻³
O III 52.58 nm (log T=4.92)
2.75×10⁻³
2.70×10⁻³
2.65×10⁻³
2.60×10⁻³
C III 97.70 nm (log T=4.84)
0.160
0.155
0.150
0.145
Irradiance (mW/m²)
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)


He II 25.63 nm (log T=4.75)
Irradiance (mW/m²)
0.0460
0.0455
0.0450
0.0445
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)
0.61
0.60
0.59
0.58
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
O II 71.85 nm (log T=4.48)
Irradiance (mW/m²)
0.0028
0.0026
0.0024
0.0022
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
He I 58.43 nm (log T=4.16)
Irradiance (mW/m²)
0.070
0.069
0.068
0.067
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
H I 102.57 nm (log T=3.84)
Irradiance (mW/m²)
0.112
0.110
0.108
0.106
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
H I 97.25 nm (log T=3.84)
Irradiance (mW/m²)
0.025
0.024
0.023
0.022
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
Irradiance (mW/m²)
1050
1000
950
900
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
AIA 131 Channel
Irradiance (mW/m²)
4850
4750
4650
4550
Time (UT)
AIA 171 Channel
Irradiance (mW/m²)
1.15×10^5
1.10×10^5
1.05×10^5
1.00×10^5
Time (UT)
AIA 193 Channel
Irradiance (mW/m²)
1.713×10^5
1.687×10^5
1.660×10^5
1.633×10^5
Time (UT)
AIA 211 Channel
Irradiance (mW/m²)
7.0×10^4
6.9×10^4
6.8×10^4
6.7×10^4
Time (UT)
AIA 304 Channel
Irradiance (mW/m²)
2.252×10^4
2.225×10^4
2.199×10^4
2.172×10^4
Time (UT)
AIA 335 Channel
Irradiance (mW/m²)
3200
3100
3000
2900
Time (UT)


MEGS ESP 17.1 nm
Irradiance (mW/m²)
0.96
0.94
0.92
0.90
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)
0.62
0.61
0.60
0.59
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
MEGS ESP 30.4 nm
Irradiance (mW/m²)
1.005
0.991
0.978
0.965
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
MEGS ESP 36.6 nm
Irradiance (mW/m²)
0.25
0.24
0.23
0.22
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)
0.61
0.60
0.59
0.58
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)
2.453
2.427
2.400
2.373
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)
0.388
0.383
0.378
0.372
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)
0.237
0.233
0.228
0.223
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)
1.071
1.044
1.018
0.991
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)