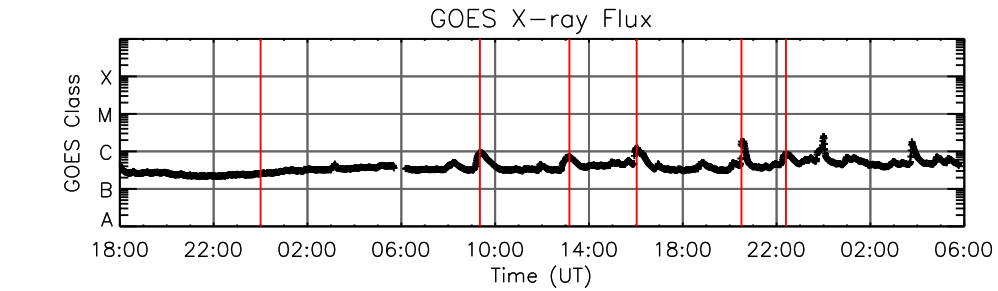
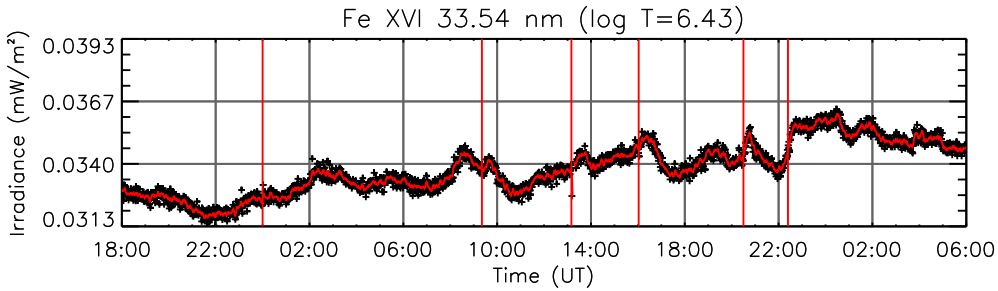
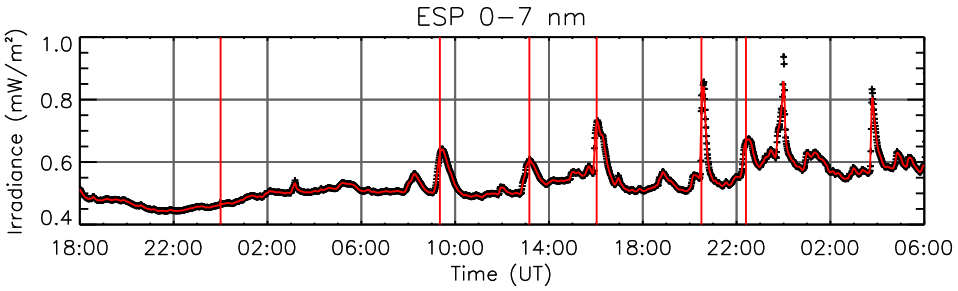
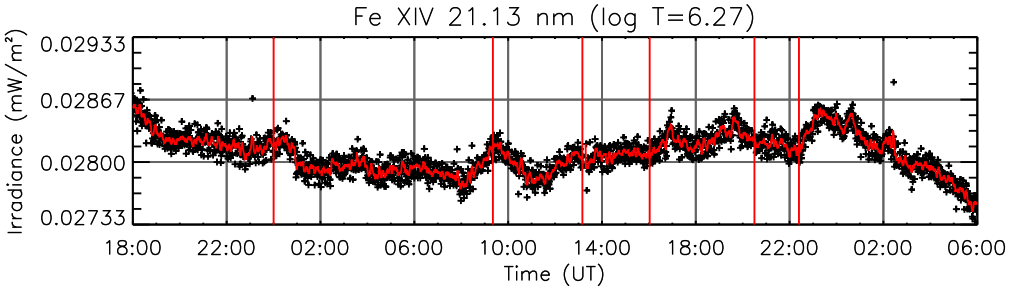
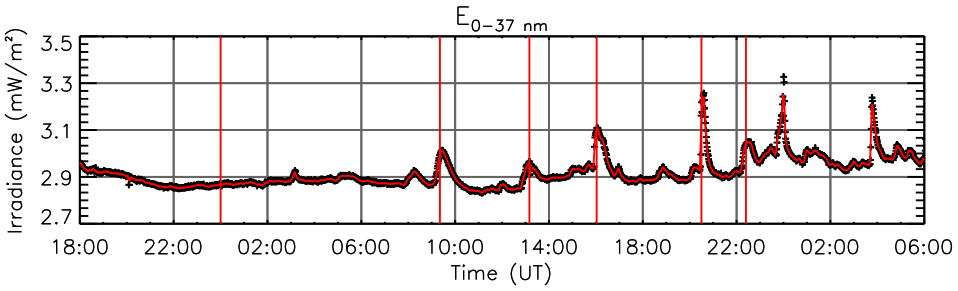
11 Apr 2011 (DOY 101)

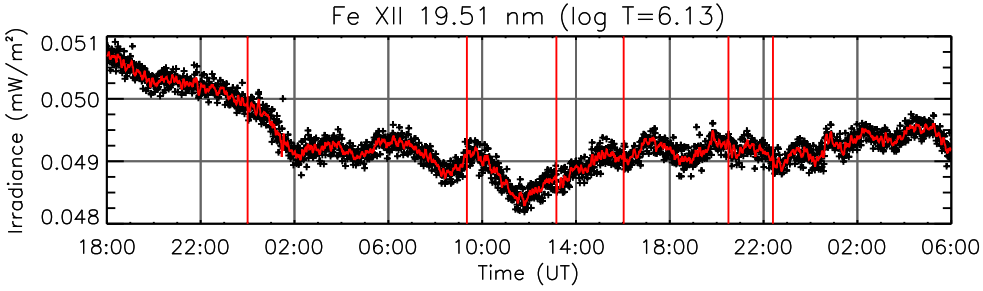


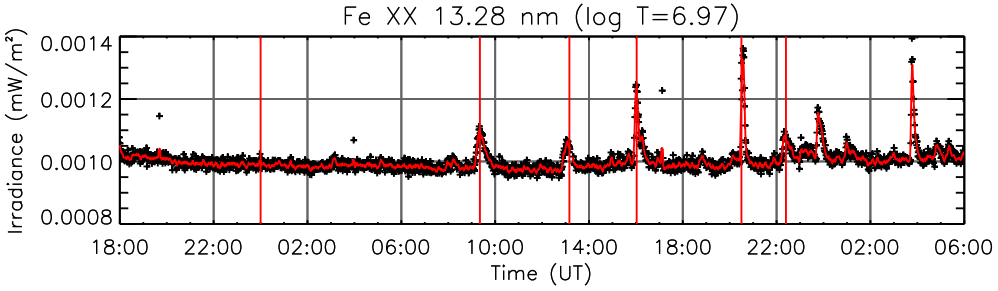


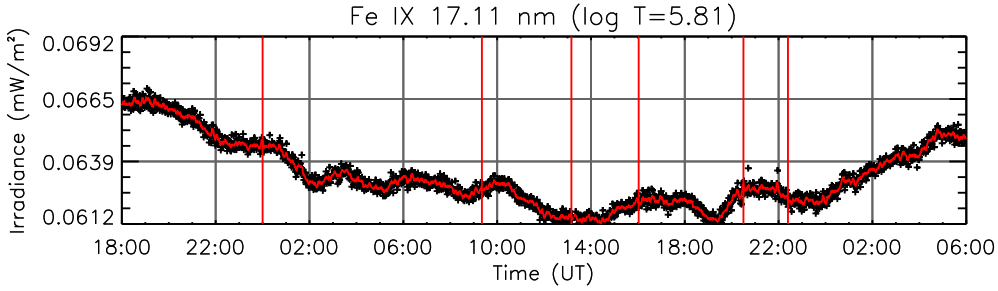


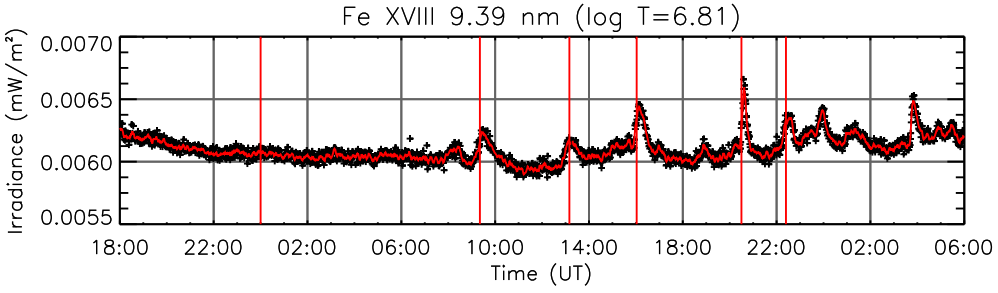


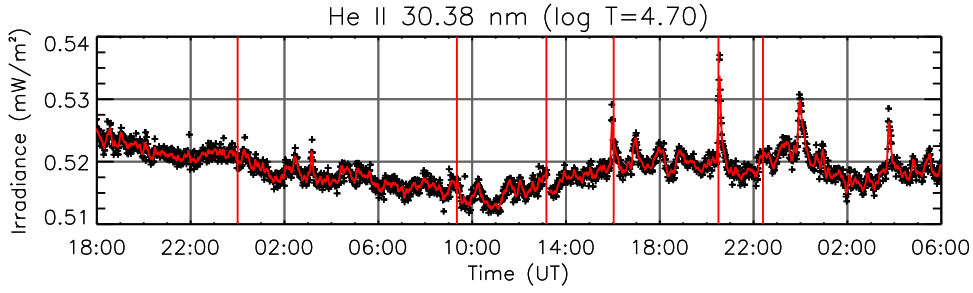


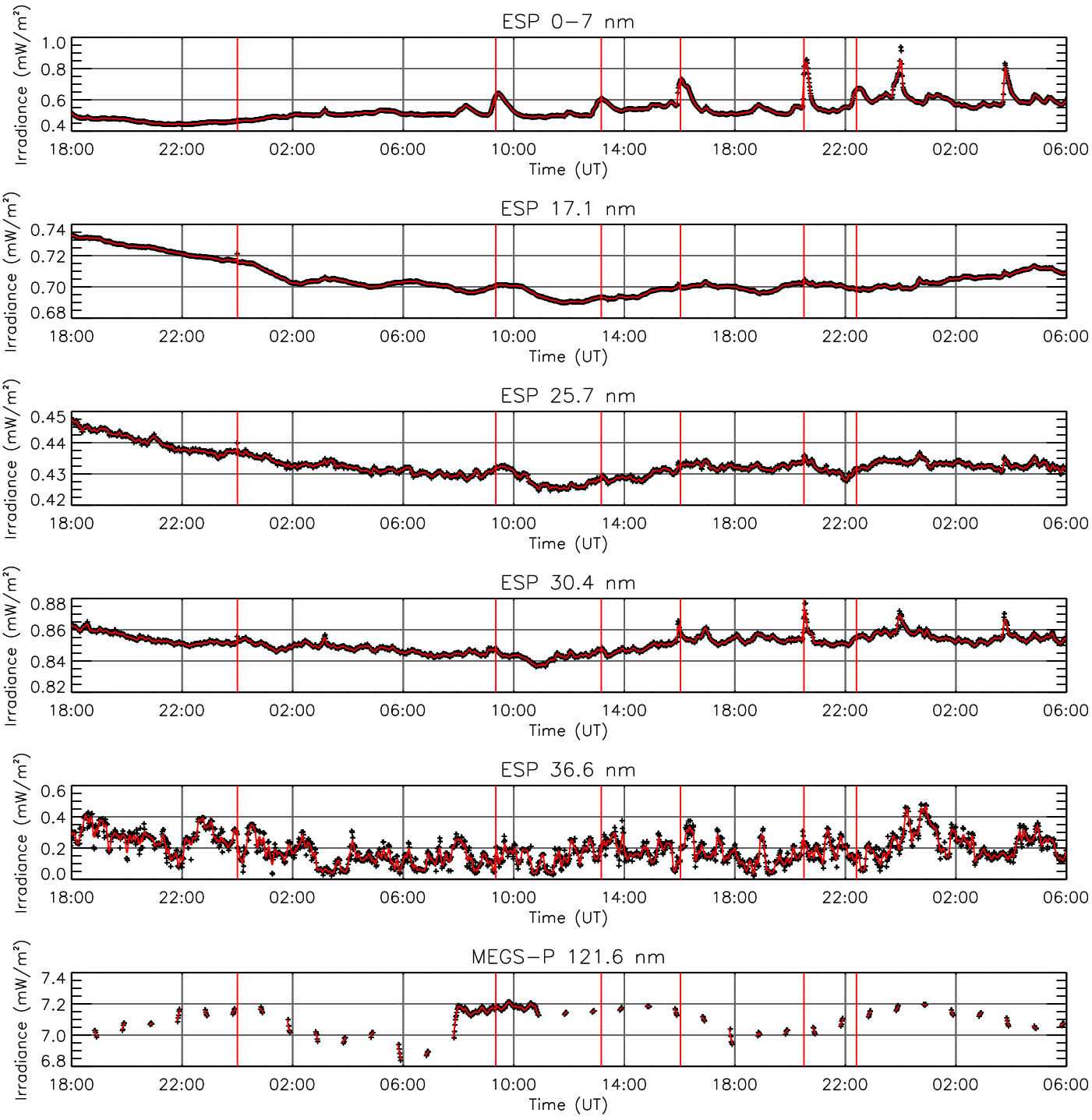


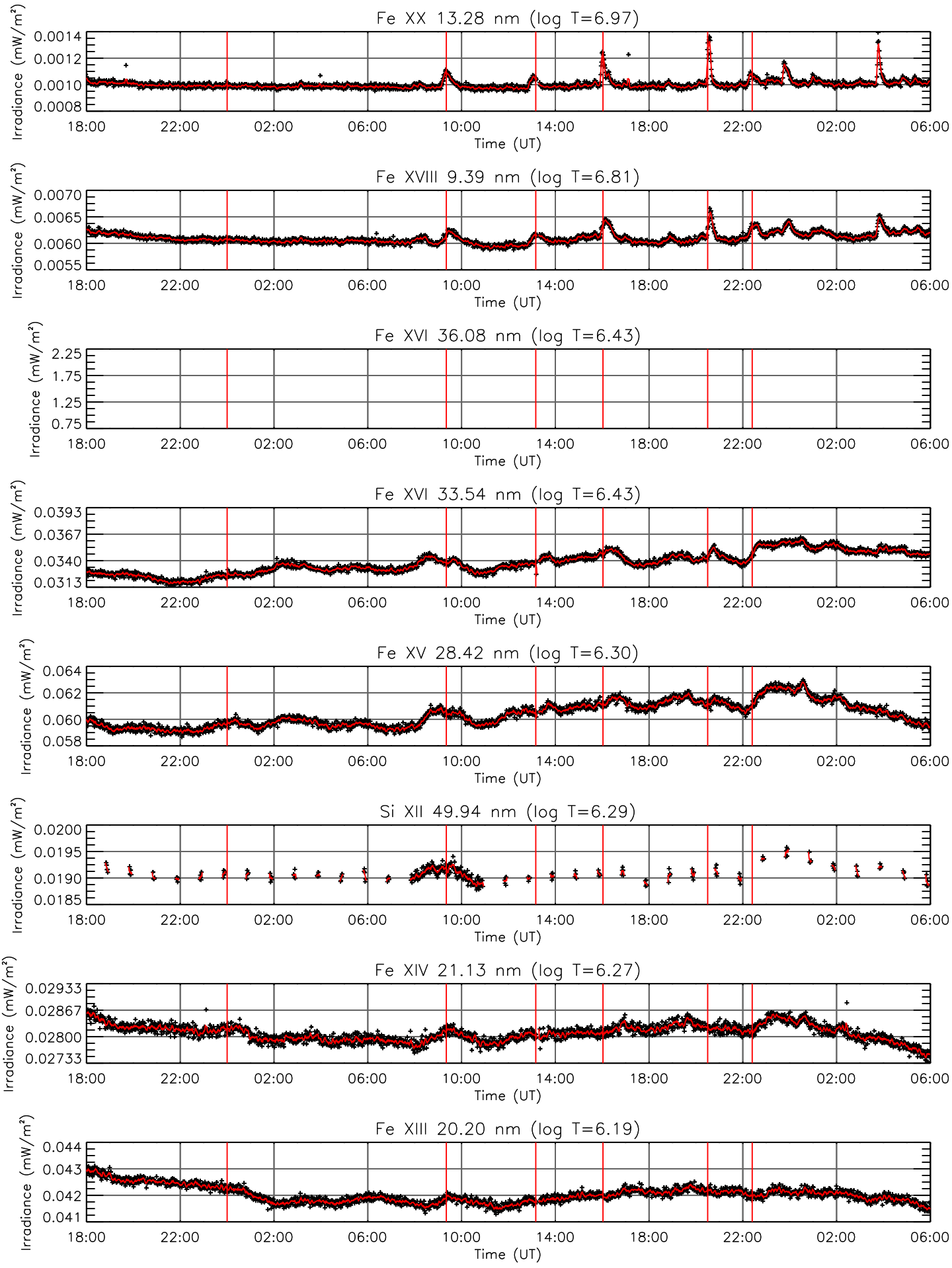


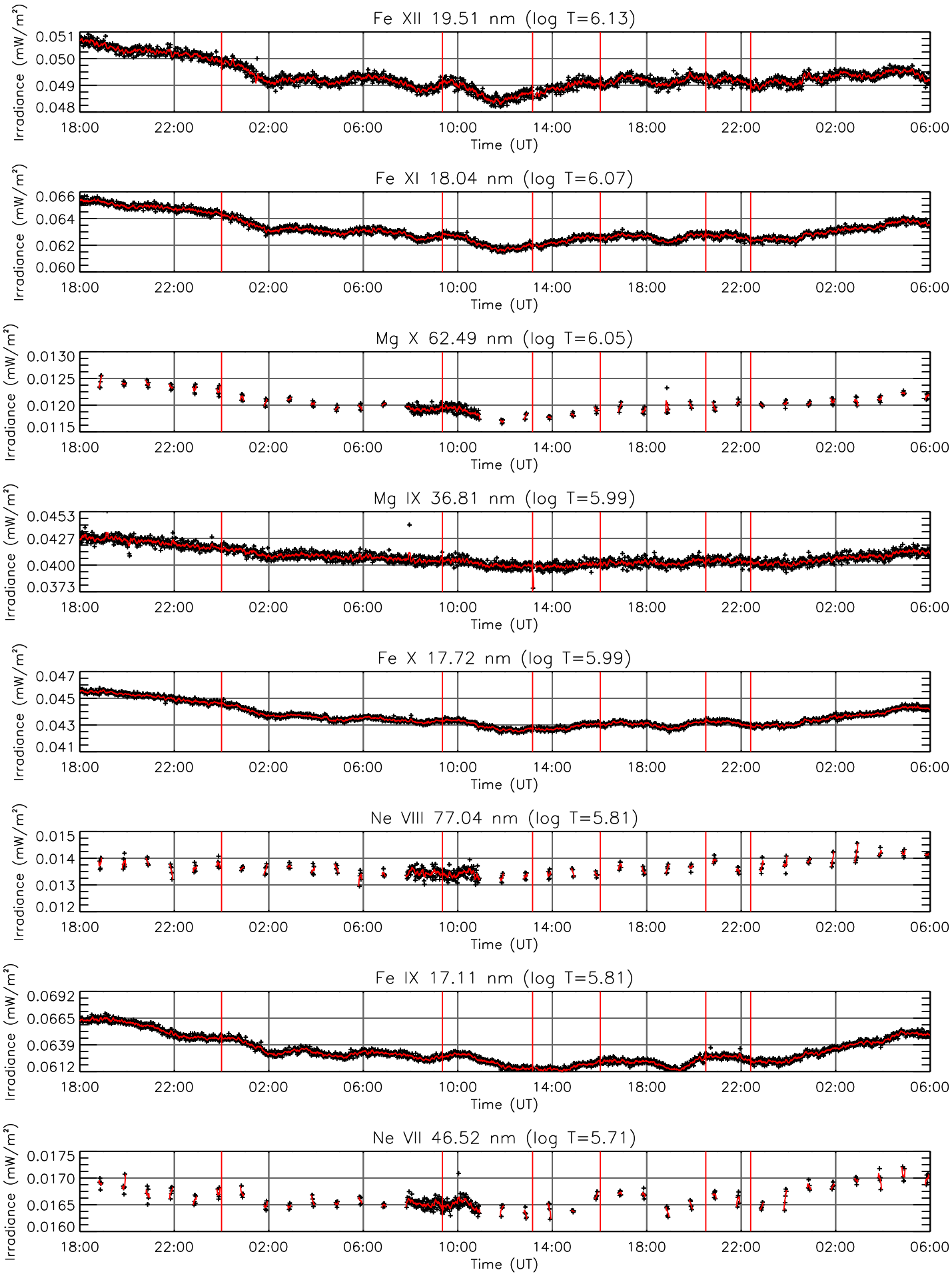


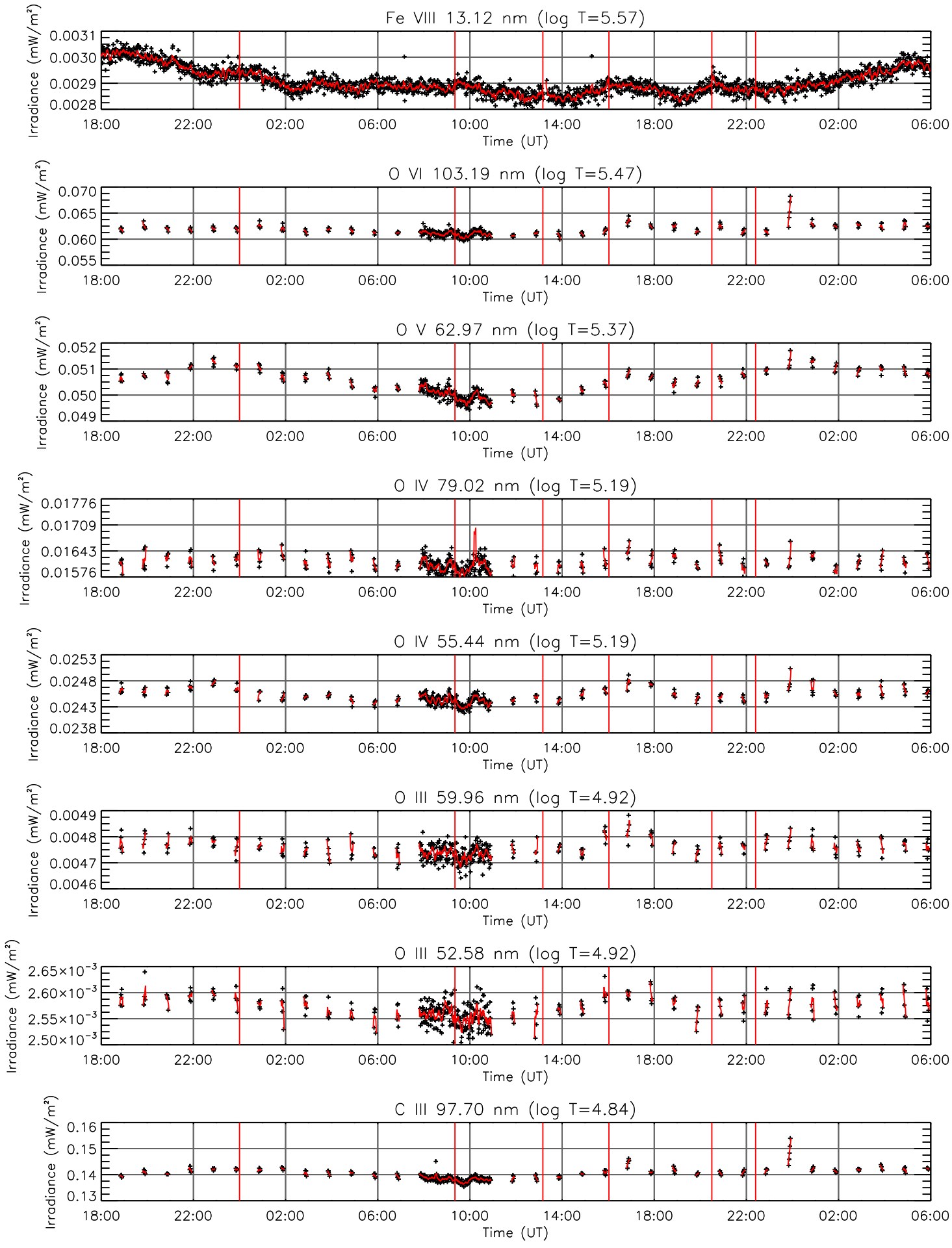


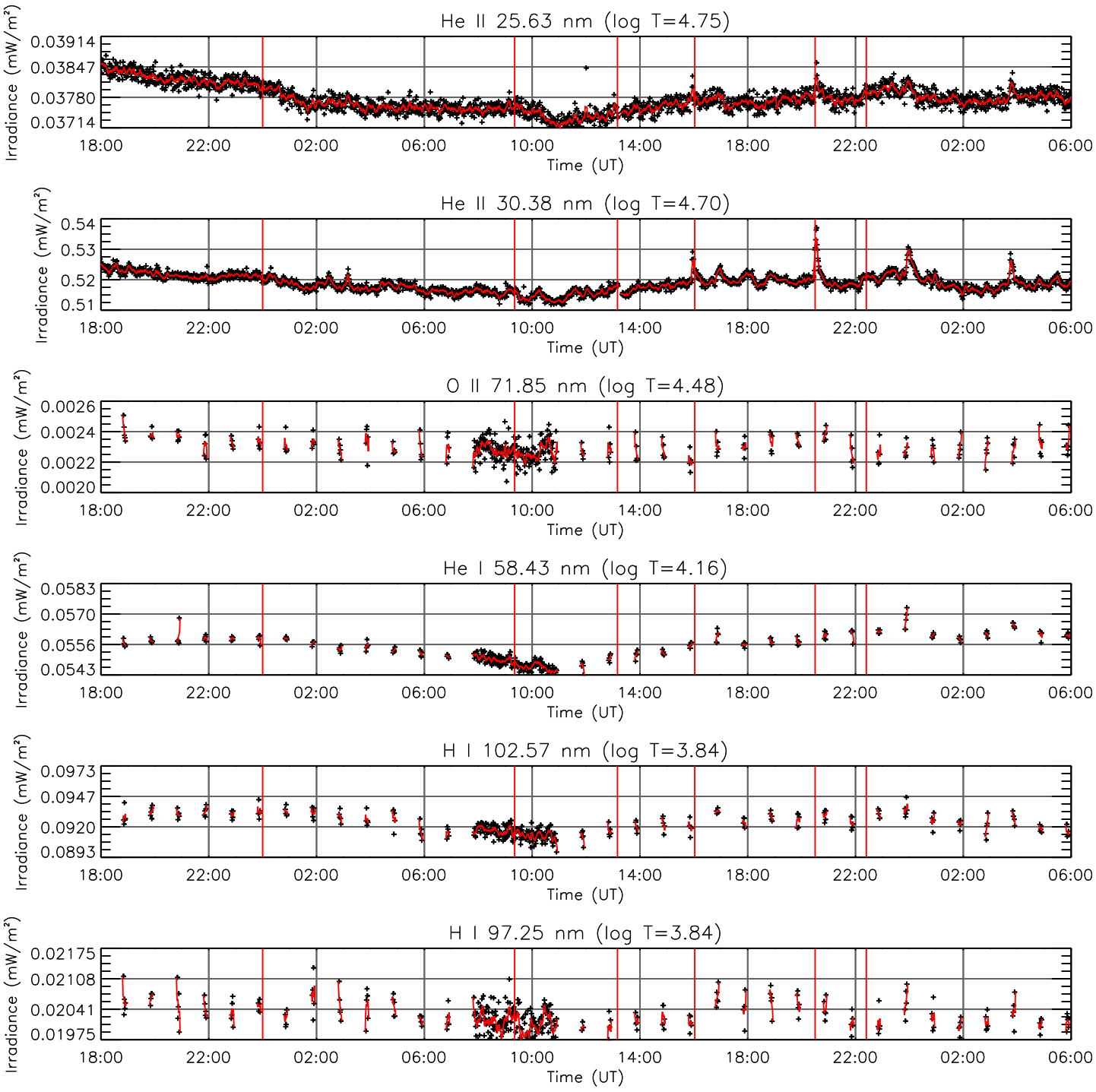


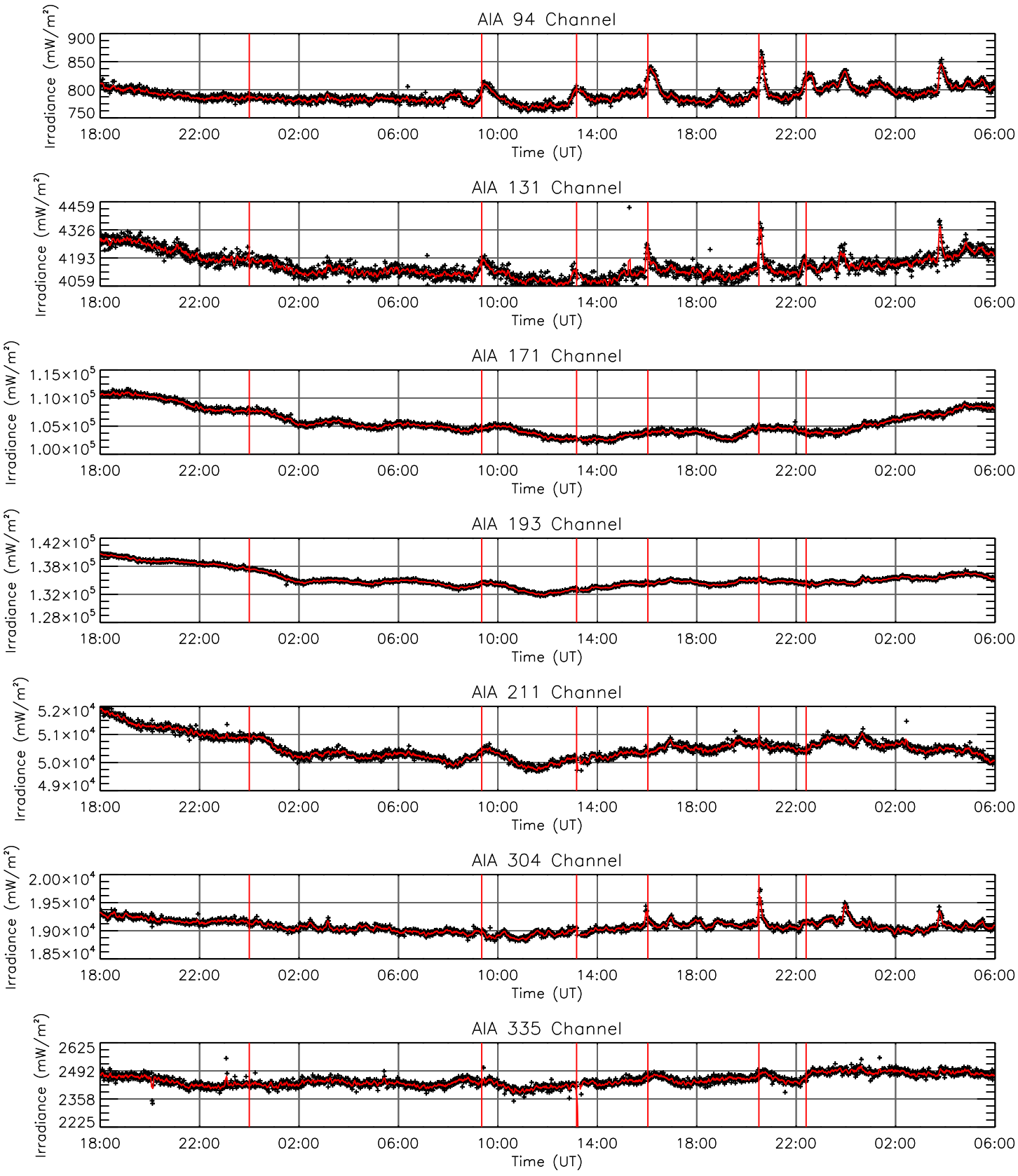

ESP 0–7 nm
Irradiance (mW/m²)
1.0
0.8
0.6
0.4
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
ESP 17.1 nm
Irradiance (mW/m²)
0.74
0.72
0.70
0.68
Time (UT)
ESP 25.7 nm
Irradiance (mW/m²)
0.45
0.44
0.43
0.42
Time (UT)
ESP 30.4 nm
Irradiance (mW/m²)
0.88
0.86
0.84
0.82
Time (UT)
ESP 36.6 nm
Irradiance (mW/m²)
0.6
0.4
0.2
0.0
Time (UT)
MEGS–P 121.6 nm
Irradiance (mW/m²)
7.4
7.2
7.0
6.8
Time (UT)

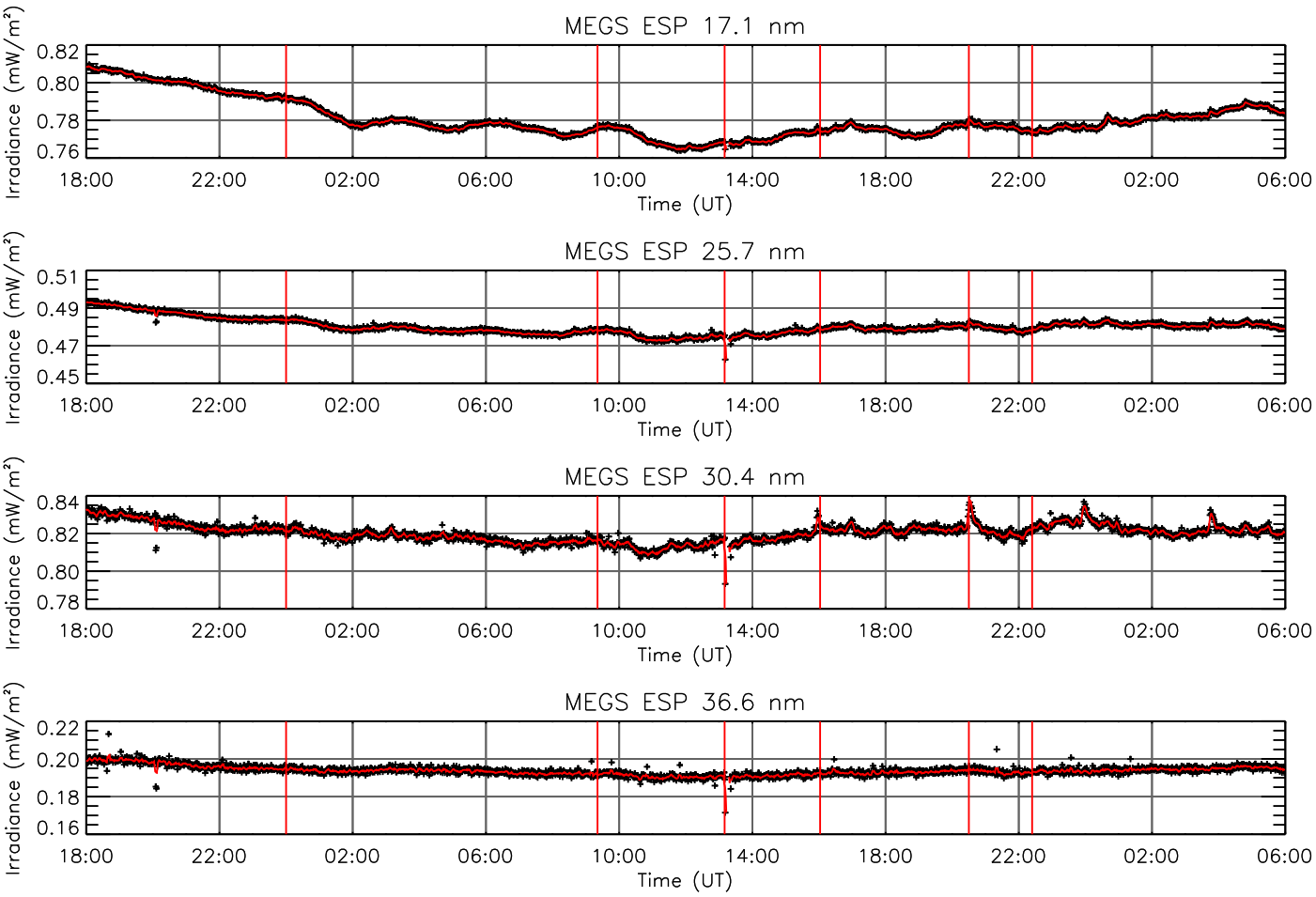

Fe XX 13.28 nm (log T=6.97)
Irradiance (mW/m²)
0.0014
0.0012
0.0010
0.0008
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
Fe XVIII 9.39 nm (log T=6.81)
Irradiance (mW/m²)
0.0070
0.0065
0.0060
0.0055
Time (UT)
Fe XVI 36.08 nm (log T=6.43)
Irradiance (mW/m²)
2.25
1.75
1.25
0.75
Time (UT)
Fe XVI 33.54 nm (log T=6.43)
Irradiance (mW/m²)
0.0393
0.0367
0.0340
0.0313
Time (UT)
Fe XV 28.42 nm (log T=6.30)
Irradiance (mW/m²)
0.064
0.062
0.060
0.058
Time (UT)
Si XII 49.94 nm (log T=6.29)
Irradiance (mW/m²)
0.0200
0.0195
0.0190
0.0185
Time (UT)
Fe XIV 21.13 nm (log T=6.27)
Irradiance (mW/m²)
0.02933
0.02867
0.02800
0.02733
Time (UT)
Fe XIII 20.20 nm (log T=6.19)
Irradiance (mW/m²)
0.044
0.043
0.042
0.041
Time (UT)

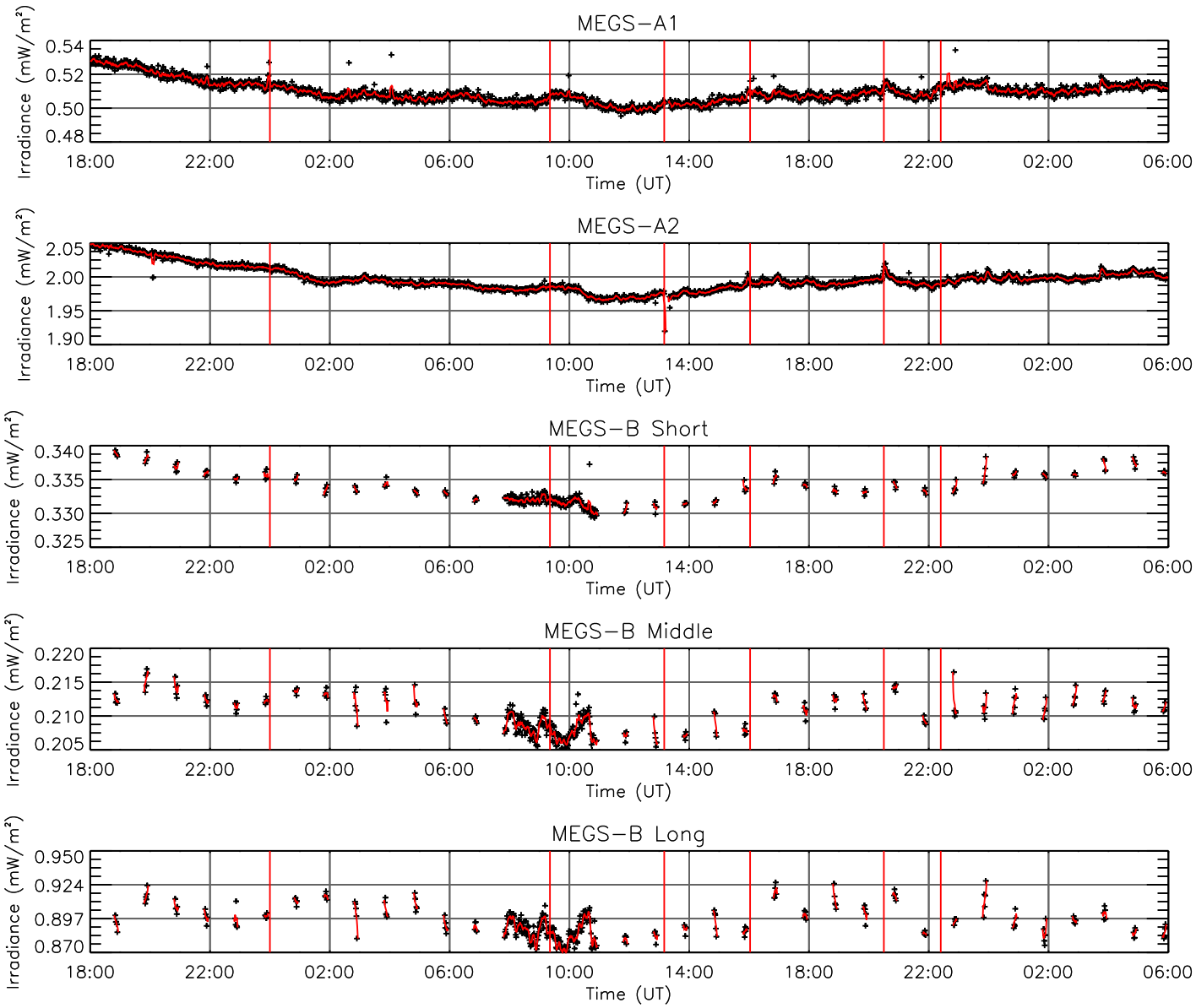

Fe XII 19.51 nm (log T=6.13)
Irradiance (mW/m²)
0.051
0.050
0.049
0.048
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
Fe XI 18.04 nm (log T=6.07)
Irradiance (mW/m²)
0.066
0.064
0.062
0.060
Time (UT)
Mg X 62.49 nm (log T=6.05)
Irradiance (mW/m²)
0.0130
0.0125
0.0120
0.0115
Time (UT)
Mg IX 36.81 nm (log T=5.99)
Irradiance (mW/m²)
0.0453
0.0427
0.0400
0.0373
Time (UT)
Fe X 17.72 nm (log T=5.99)
Irradiance (mW/m²)
0.047
0.045
0.043
0.041
Time (UT)
Ne VIII 77.04 nm (log T=5.81)
Irradiance (mW/m²)
0.015
0.014
0.013
0.012
Time (UT)
Fe IX 17.11 nm (log T=5.81)
Irradiance (mW/m²)
0.0692
0.0665
0.0639
0.0612
Time (UT)
Ne VII 46.52 nm (log T=5.71)
Irradiance (mW/m²)
0.0175
0.0170
0.0165
0.0160
Time (UT)


Fe VIII 13.12 nm (log T=5.57)
Irradiance (mW/m²)
0.0031
0.0030
0.0029
0.0028
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)
O VI 103.19 nm (log T=5.47)
Irradiance (mW/m²)
0.070
0.065
0.060
0.055
Time (UT)
O V 62.97 nm (log T=5.37)
Irradiance (mW/m²)
0.052
0.051
0.050
0.049
Time (UT)
O IV 79.02 nm (log T=5.19)
Irradiance (mW/m²)
0.01776
0.01709
0.01643
0.01576
Time (UT)
O IV 55.44 nm (log T=5.19)
Irradiance (mW/m²)
0.0253
0.0248
0.0243
0.0238
Time (UT)
O III 59.96 nm (log T=4.92)
Irradiance (mW/m²)
0.0049
0.0048
0.0047
0.0046
Time (UT)
O III 52.58 nm (log T=4.92)
Irradiance (mW/m²)
2.65×10⁻³
2.60×10⁻³
2.55×10⁻³
2.50×10⁻³
Time (UT)
C III 97.70 nm (log T=4.84)
Irradiance (mW/m²)
0.16
0.15
0.14
0.13
Time (UT)


He II 25.63 nm (log T=4.75)
Irradiance (mW/m²)
0.03914
0.03847
0.03780
0.03714
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)
0.54
0.53
0.52
0.51
Time (UT)
O II 71.85 nm (log T=4.48)
Irradiance (mW/m²)
0.0026
0.0024
0.0022
0.0020
Time (UT)
He I 58.43 nm (log T=4.16)
Irradiance (mW/m²)
0.0583
0.0570
0.0556
0.0543
Time (UT)
H I 102.57 nm (log T=3.84)
Irradiance (mW/m²)
0.0973
0.0947
0.0920
0.0893
Time (UT)
H I 97.25 nm (log T=3.84)
Irradiance (mW/m²)
0.02175
0.02108
0.02041
0.01975
Time (UT)


AIA 94 Channel
Irradiance (mW/m²)
900
850
800
750
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)
4459
4326
4193
4059
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)
1.42×10^5
1.38×10^5
1.32×10^5
1.28×10^5
Time (UT)
AIA 211 Channel
Irradiance (mW/m²)
5.2×10^4
5.1×10^4
5.0×10^4
4.9×10^4
Time (UT)
AIA 304 Channel
Irradiance (mW/m²)
2.00×10^4
1.95×10^4
1.90×10^4
1.85×10^4
Time (UT)
AIA 335 Channel
Irradiance (mW/m²)
2625
2492
2358
2225
Time (UT)


MEGS ESP 17.1 nm
Irradiance (mW/m²)
0.82
0.80
0.78
0.76
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)
0.51
0.49
0.47
0.45
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)
0.84
0.82
0.80
0.78
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)
0.22
0.20
0.18
0.16
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)
0.54
0.52
0.50
0.48
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)
2.05
2.00
1.95
1.90
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)
0.340
0.335
0.330
0.325
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)
0.220
0.215
0.210
0.205
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)
0.950
0.924
0.897
0.870
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)