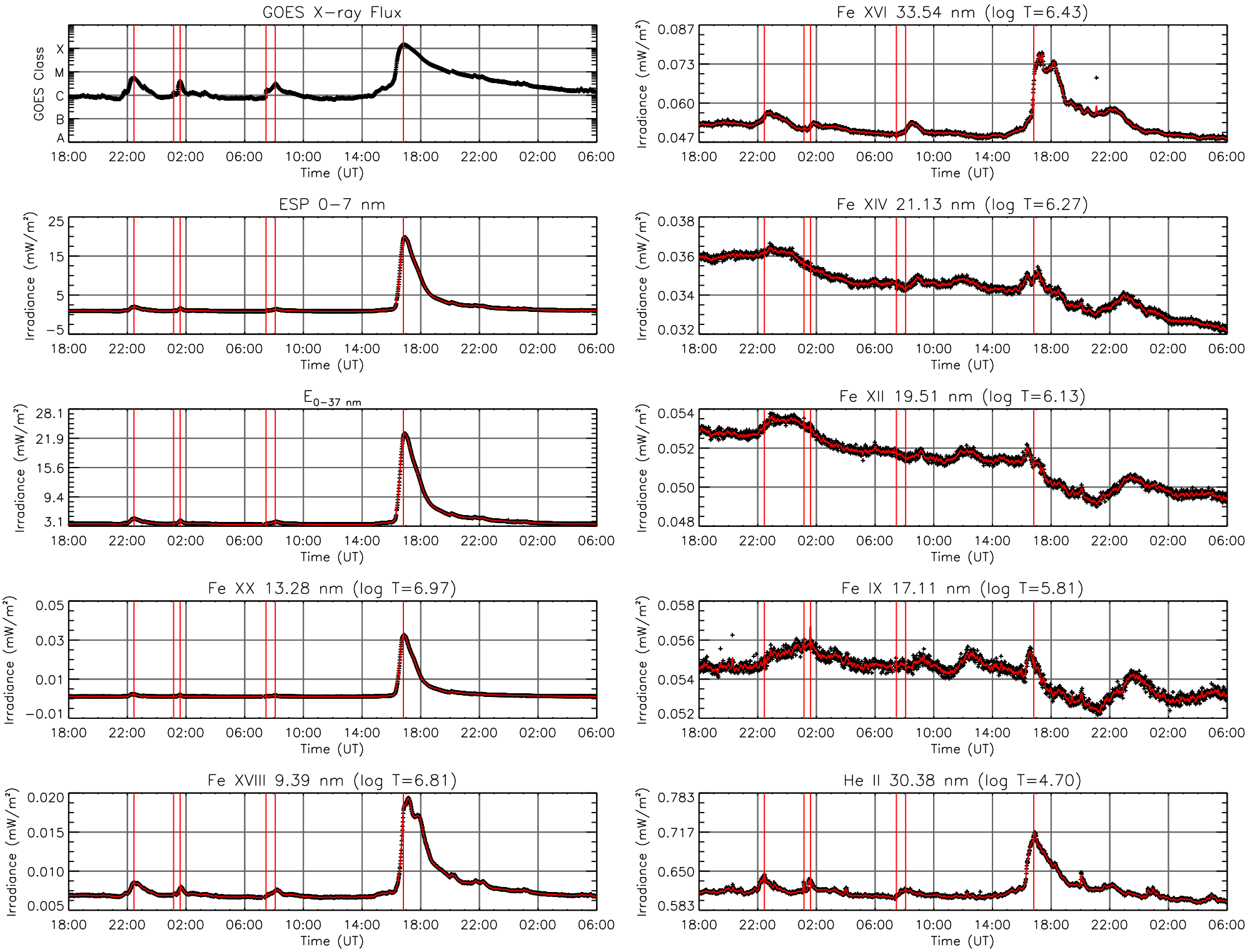
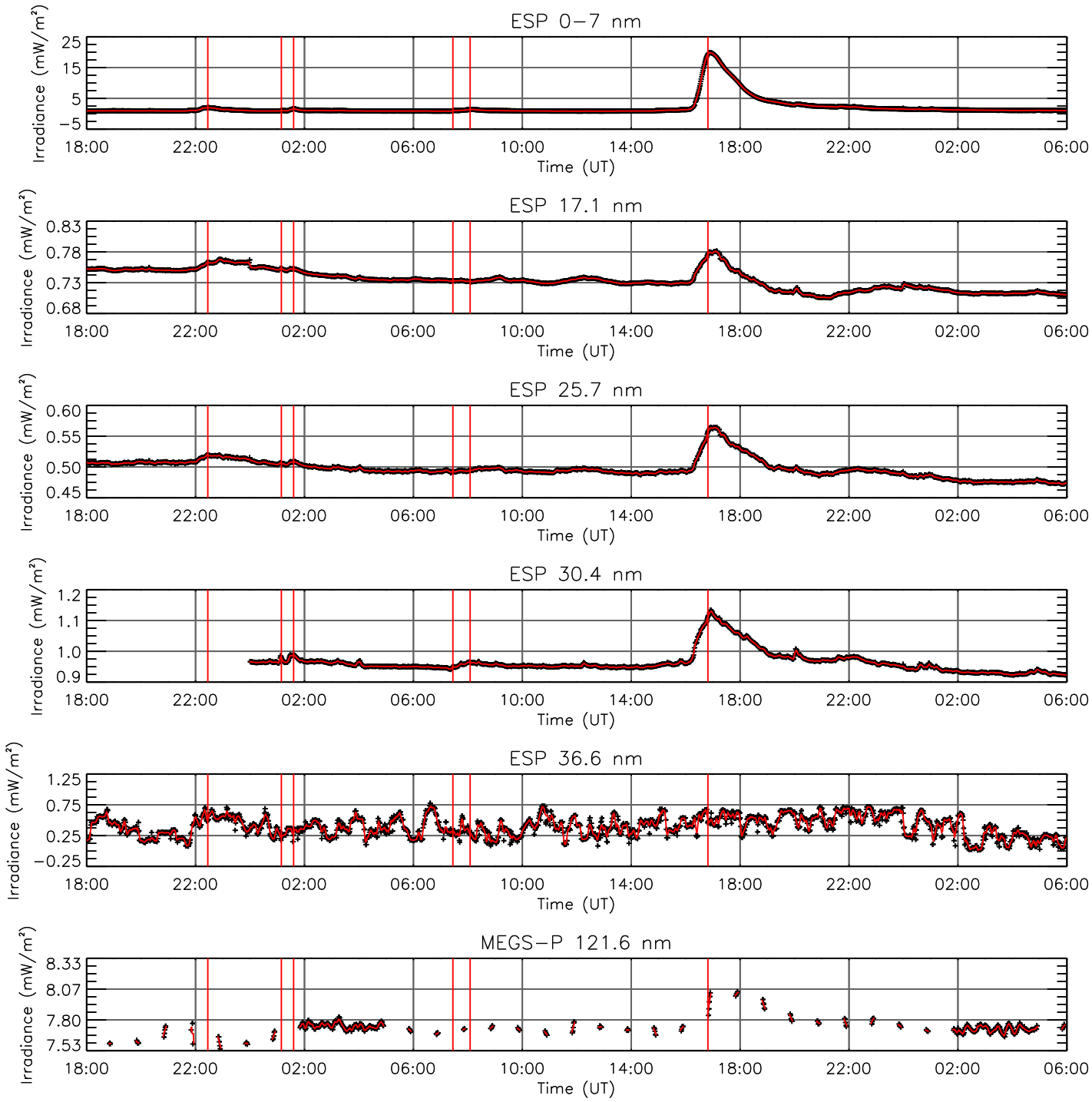
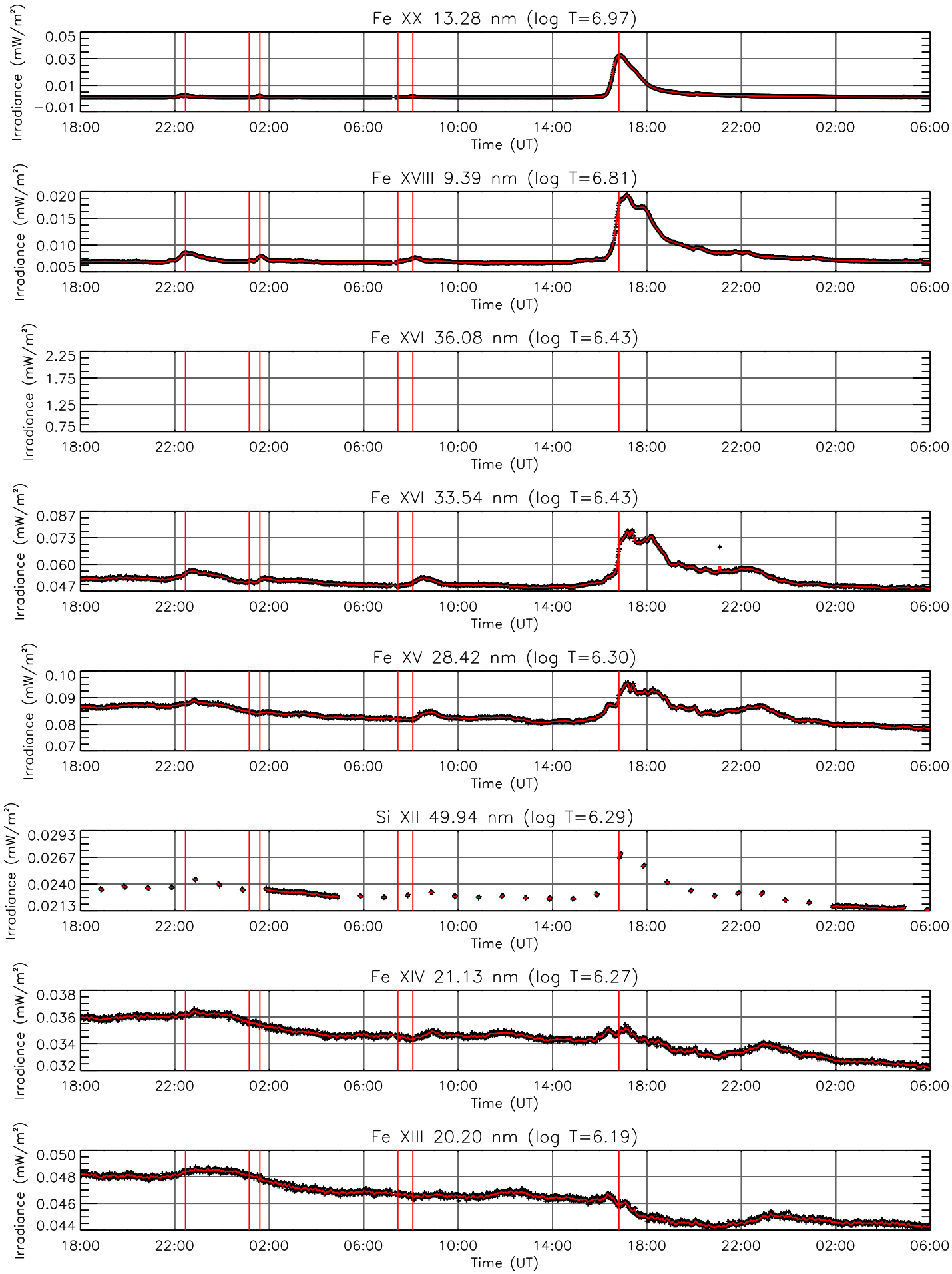
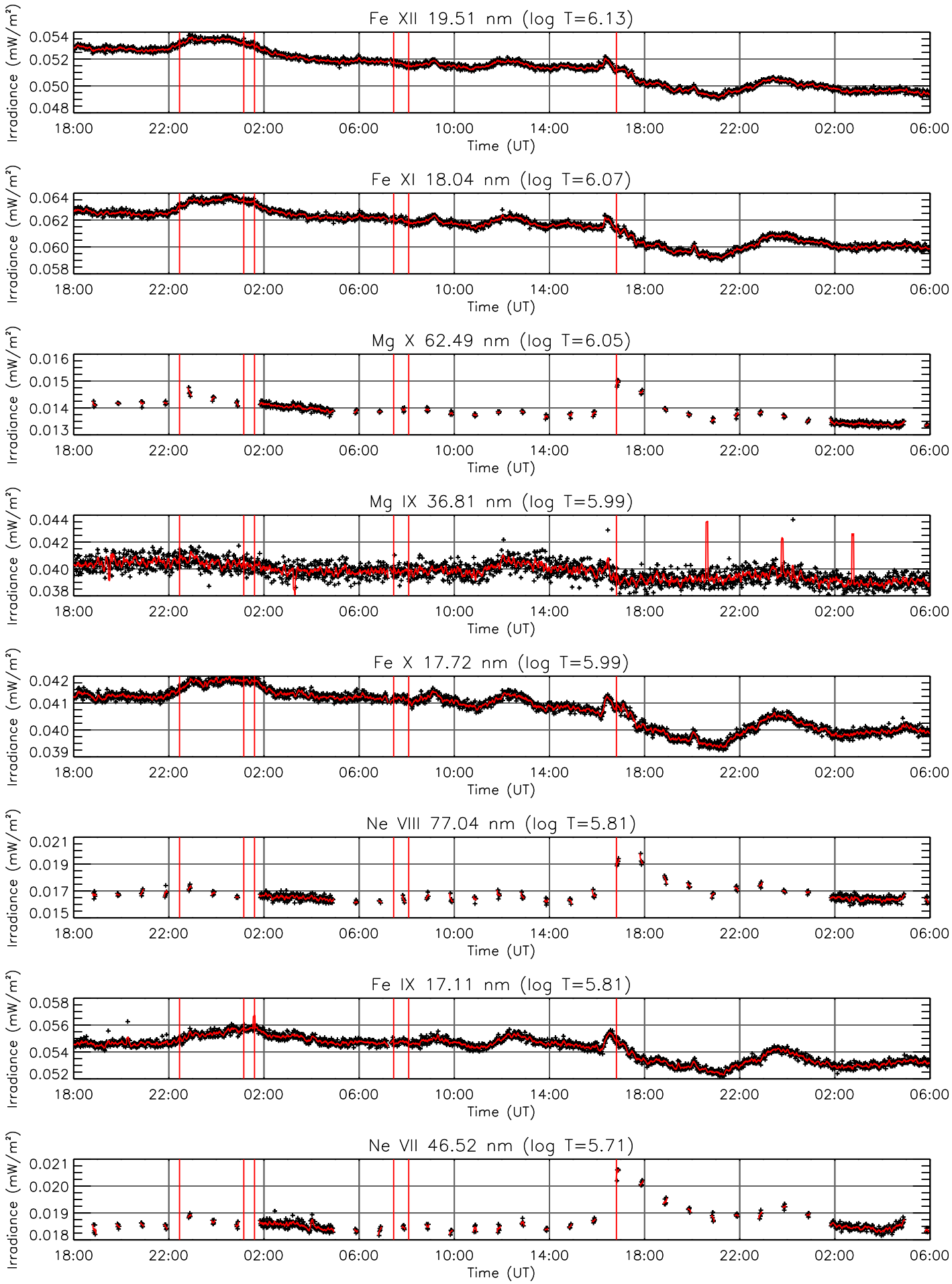
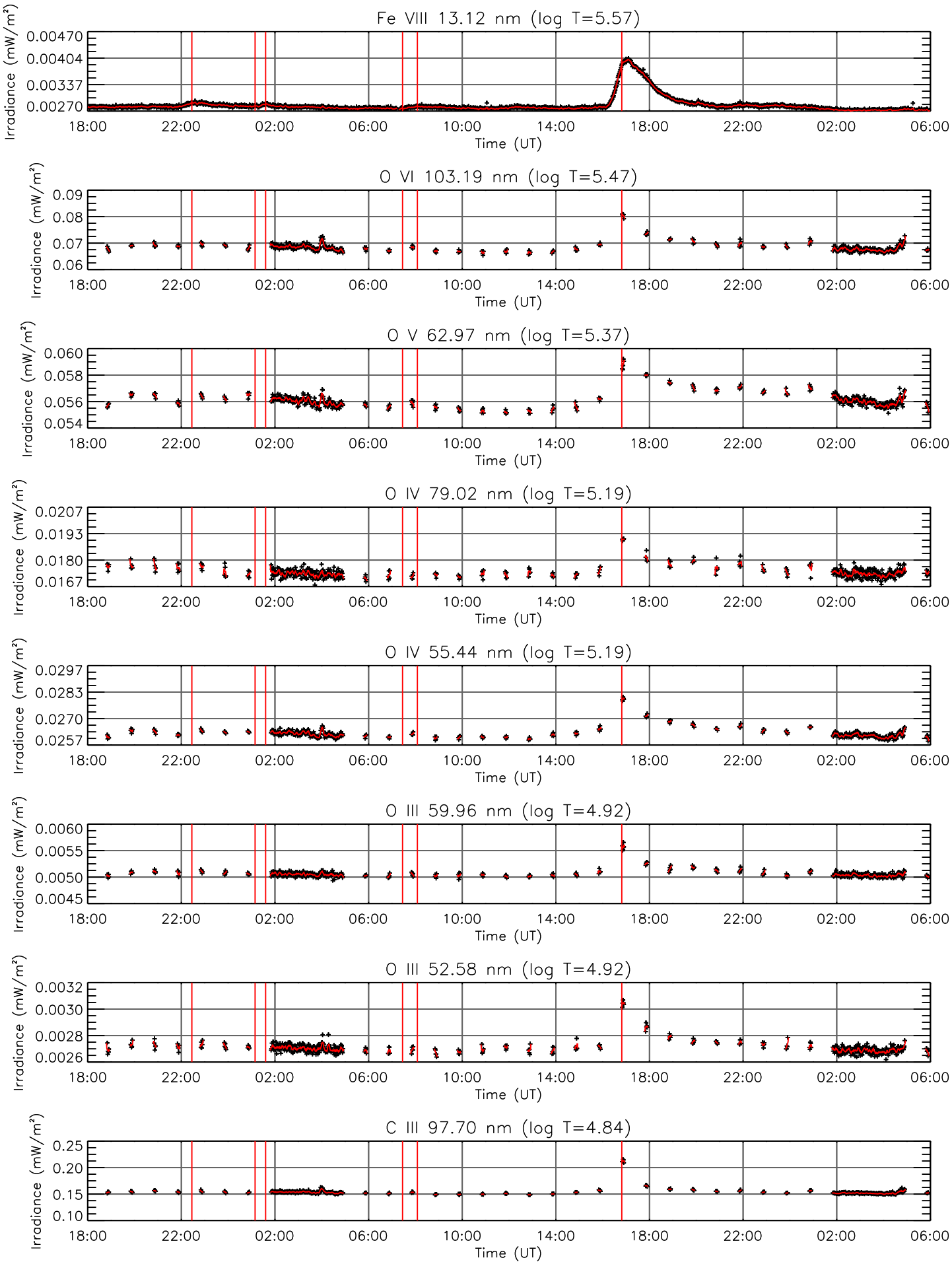
# 12 Jul 2012 (DOY 194)

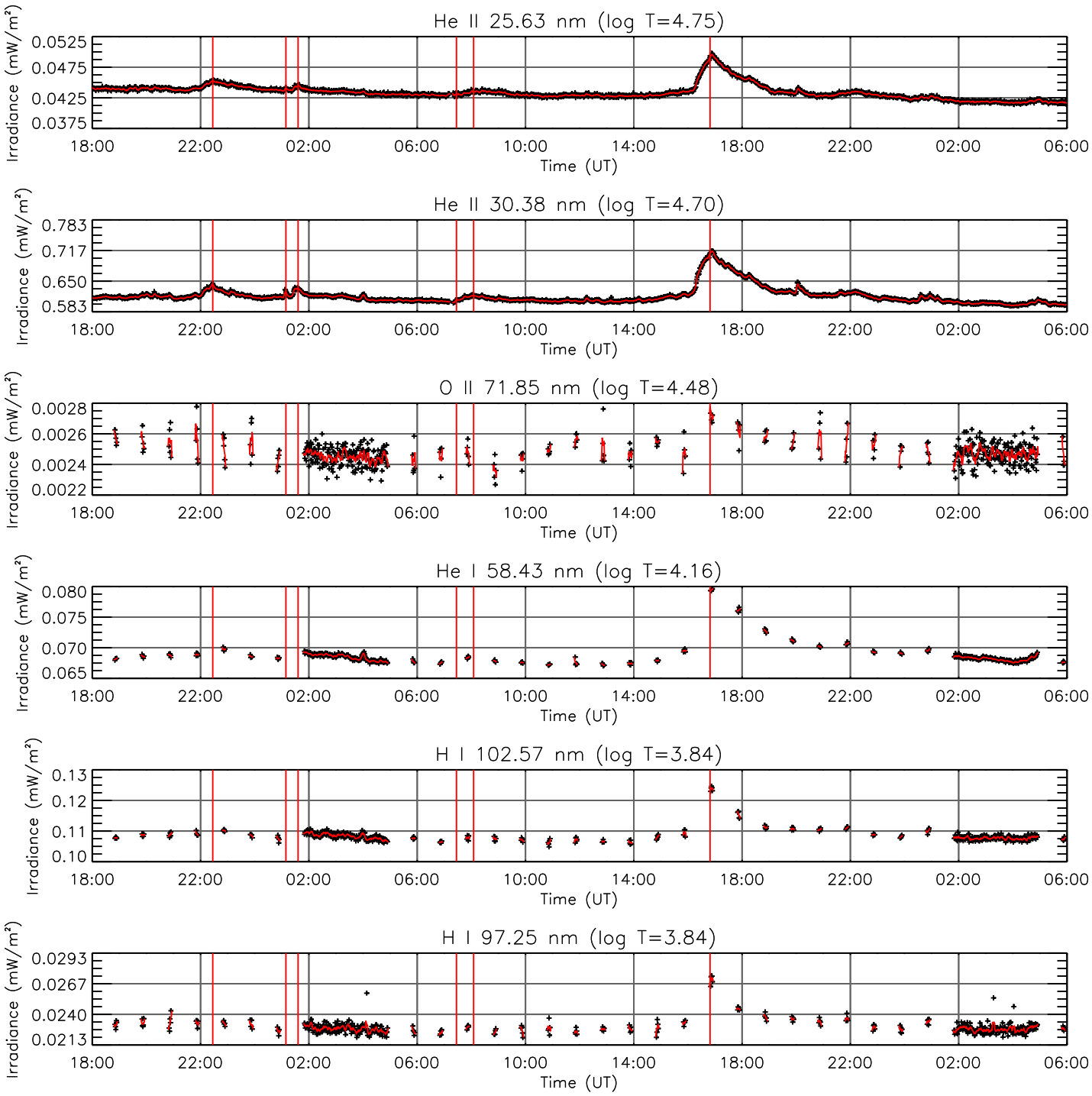


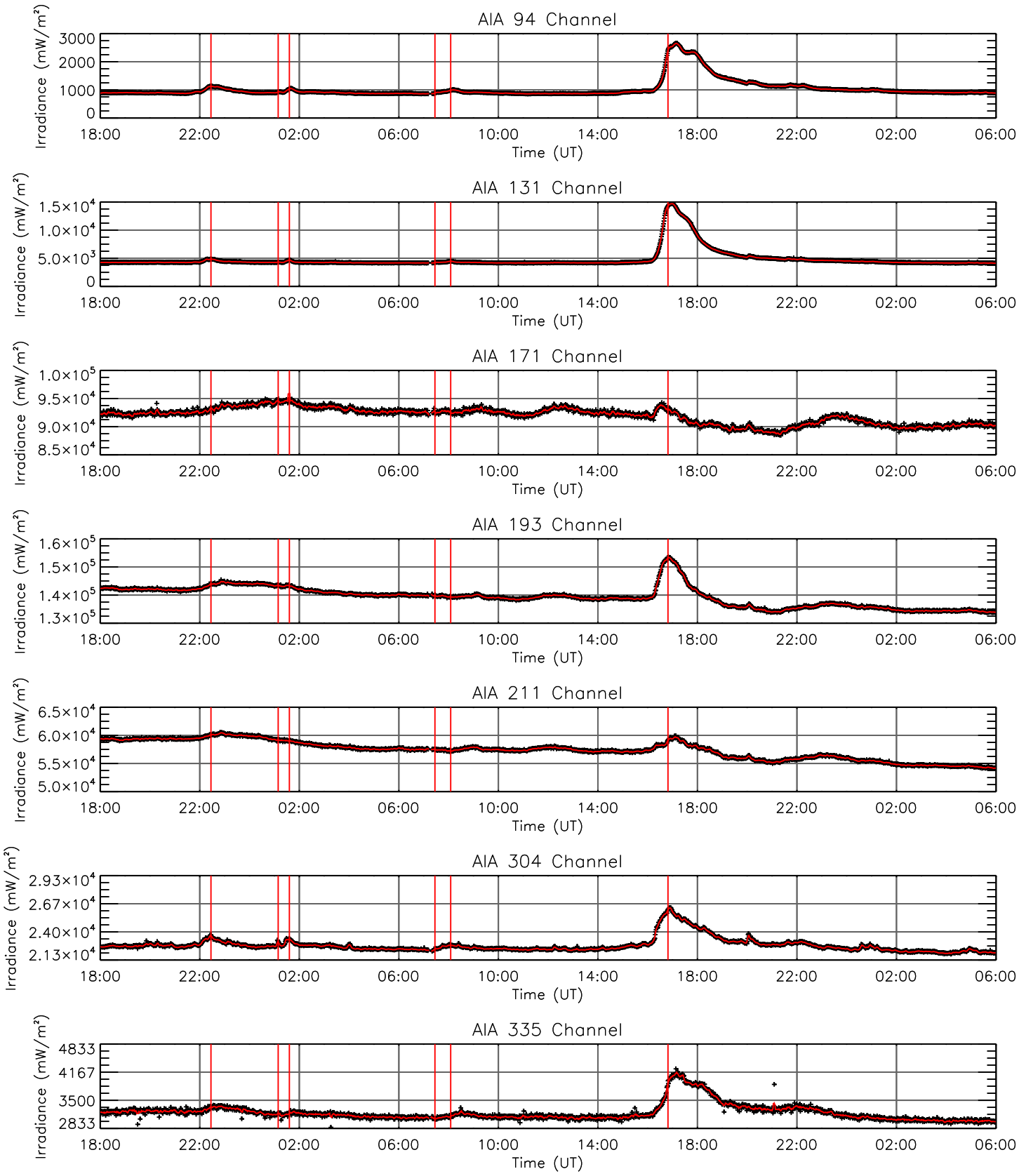

ESP 0−7 nm
Irradiance (mW/m²)
25
15
5
−5
ESP 17.1 nm
0.83
0.78
0.73
0.68
ESP 25.7 nm
0.60
0.55
0.50
0.45
ESP 30.4 nm
1.2
1.1
1.0
0.9
ESP 36.6 nm
1.25
0.75
0.25
−0.25
MEGS−P 121.6 nm
8.33
8.07
7.80
7.53
18:00
22:00
02:00
06:00
10:00
14:00
18:00
22:00
02:00
06:00
Time (UT)

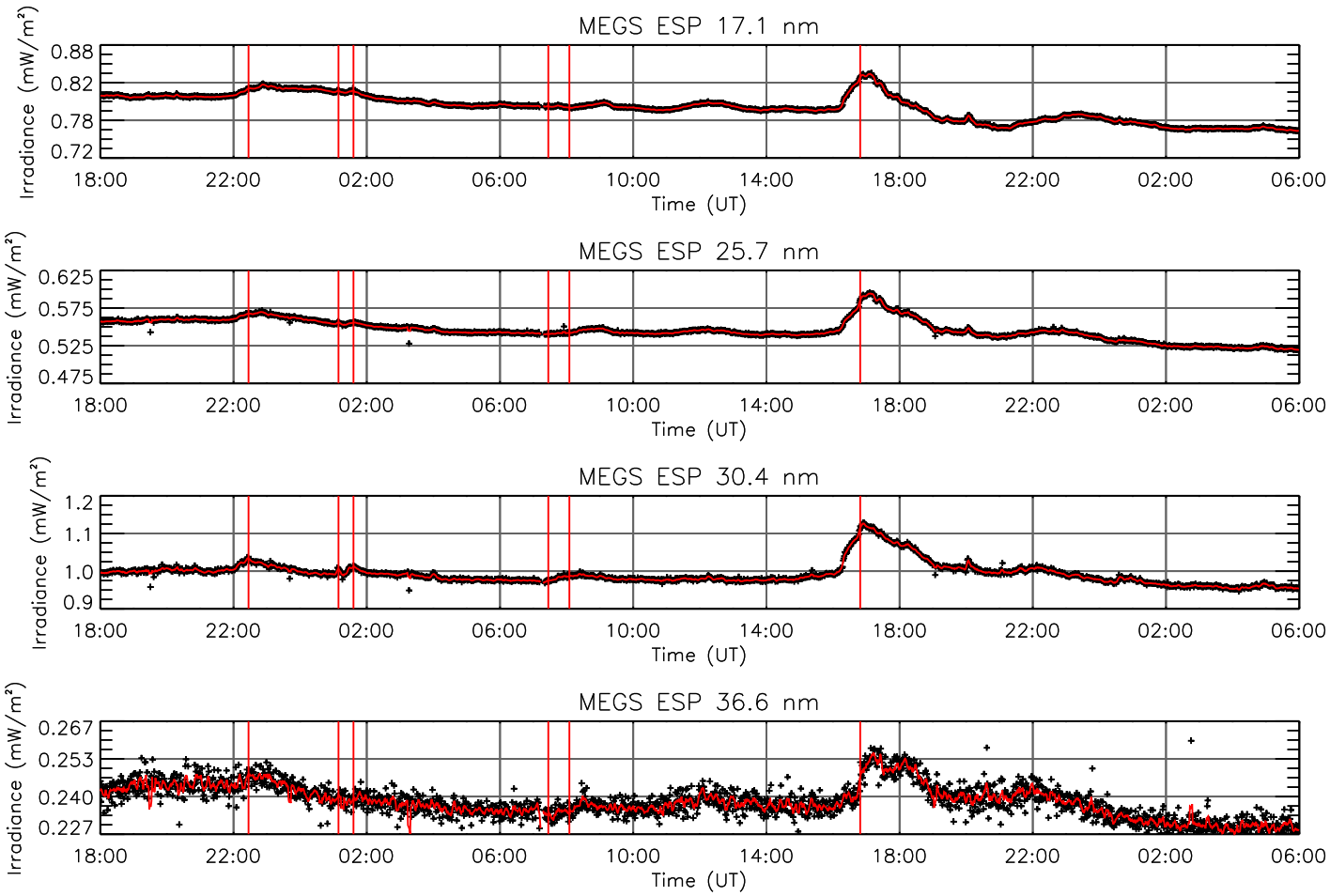

Fe XX 13.28 nm (log T=6.97)
Fe XVIII 9.39 nm (log T=6.81)
Fe XVI 36.08 nm (log T=6.43)
Fe XVI 33.54 nm (log T=6.43)
Fe XV 28.42 nm (log T=6.30)
Si XII 49.94 nm (log T=6.29)
Fe XIV 21.13 nm (log T=6.27)
Fe XIII 20.20 nm (log T=6.19)
Irradiance (mW/m²)
Time (UT)
18:00
22:00
02:00
06:00
10:00
14:00

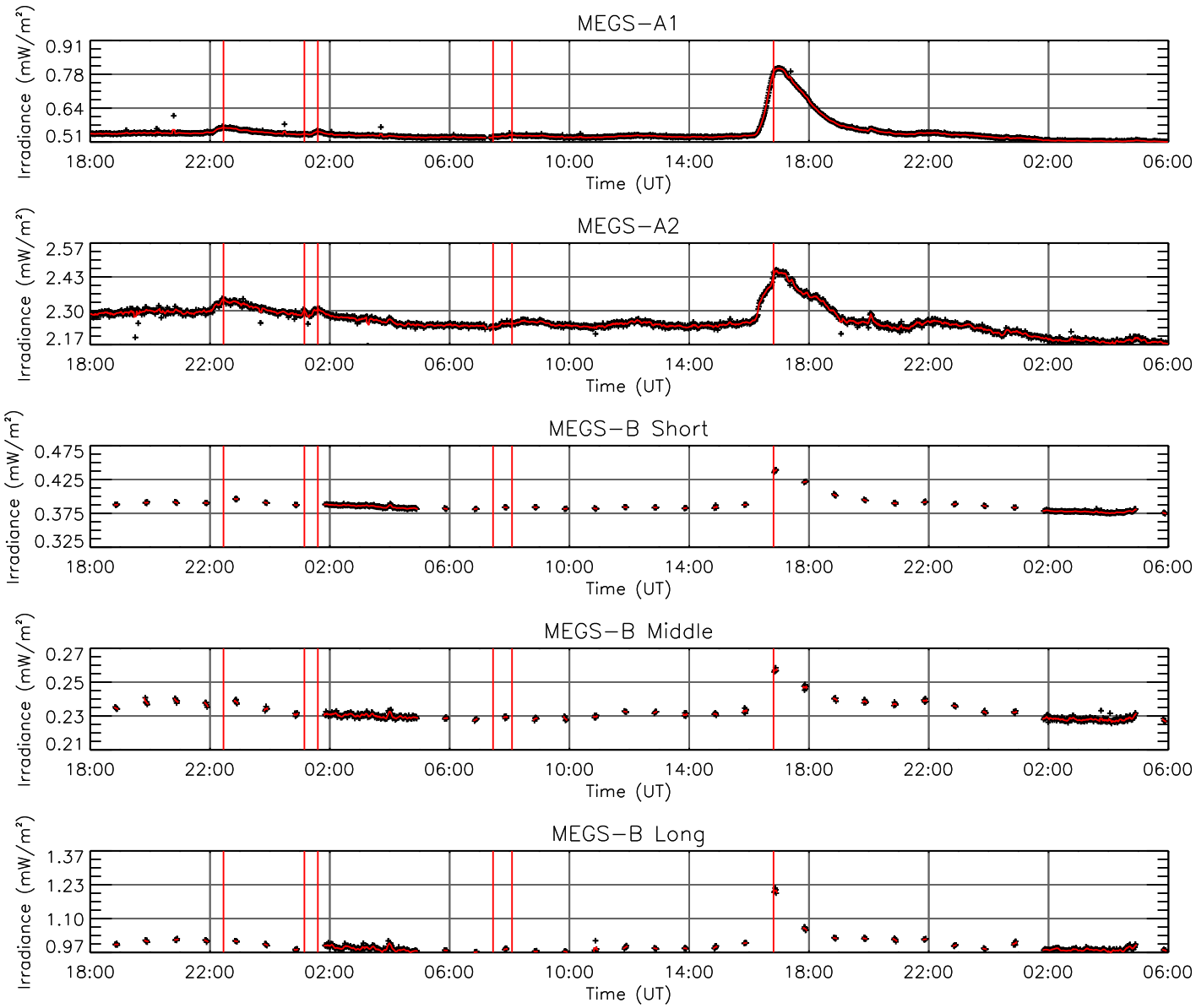

Fe XII 19.51 nm (log T=6.13)
Fe XI 18.04 nm (log T=6.07)
Mg X 62.49 nm (log T=6.05)
Mg IX 36.81 nm (log T=5.99)
Fe X 17.72 nm (log T=5.99)
Ne VIII 77.04 nm (log T=5.81)
Fe IX 17.11 nm (log T=5.81)
Ne VII 46.52 nm (log T=5.71)
Irradiance (mW/m²)
Time (UT)
18:00
22:00
02:00
06:00
10:00
14:00


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)
0.0525
0.0475
0.0425
0.0375
He II 30.38 nm (log T=4.70)
0.783
0.717
0.650
0.583
O II 71.85 nm (log T=4.48)
0.0028
0.0026
0.0024
0.0022
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)
0.13
0.12
0.11
0.10
H I 97.25 nm (log T=3.84)
0.0293
0.0267
0.0240
0.0213
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)
3000
2000
1000
0
AIA 131 Channel
1.5×10⁴
1.0×10⁴
5.0×10³
AIA 171 Channel
1.0×10⁵
9.5×10⁴
9.0×10⁴
8.5×10⁴
AIA 193 Channel
1.6×10⁵
1.5×10⁵
1.4×10⁵
1.3×10⁵
AIA 211 Channel
6.5×10⁴
6.0×10⁴
5.5×10⁴
5.0×10⁴
AIA 304 Channel
2.93×10⁴
2.67×10⁴
2.40×10⁴
2.13×10⁴
AIA 335 Channel
4833
4167
3500
2833
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)
0.88
0.82
0.78
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)
0.625
0.575
0.525
0.475
Time (UT)
MEGS ESP 30.4 nm
Irradiance (mW/m²)
1.2
1.1
1.0
0.9
Time (UT)
MEGS ESP 36.6 nm
Irradiance (mW/m²)
0.267
0.253
0.240
0.227
Time (UT)


MEGS−A1
Irradiance (mW/m²)
0.91
0.78
0.64
0.51
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)
2.57
2.43
2.30
2.17
Time (UT)
MEGS−B Short
Irradiance (mW/m²)
0.475
0.425
0.375
0.325
Time (UT)
MEGS−B Middle
Irradiance (mW/m²)
0.27
0.25
0.23
0.21
Time (UT)
MEGS−B Long
Irradiance (mW/m²)
1.37
1.23
1.10
0.97
Time (UT)