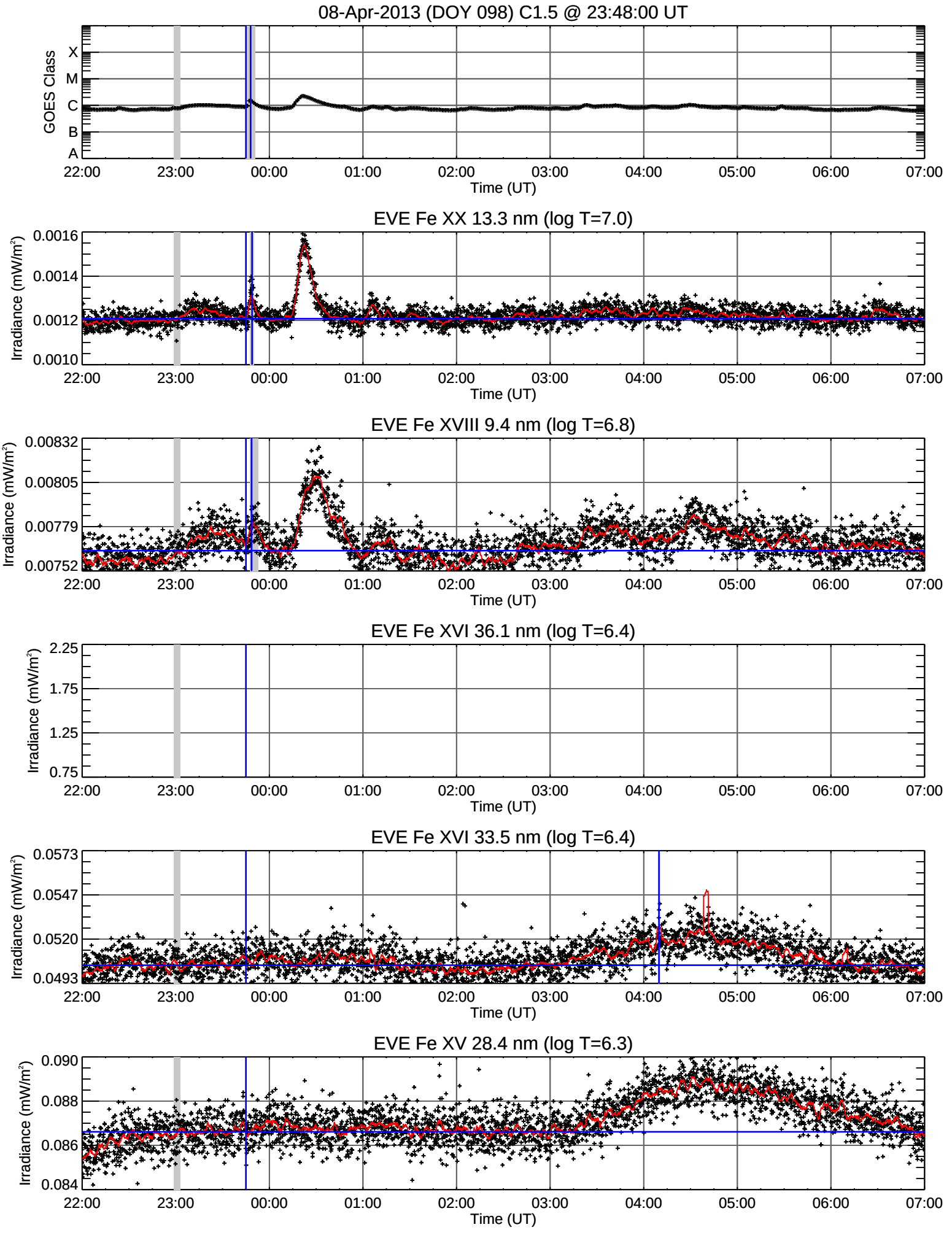
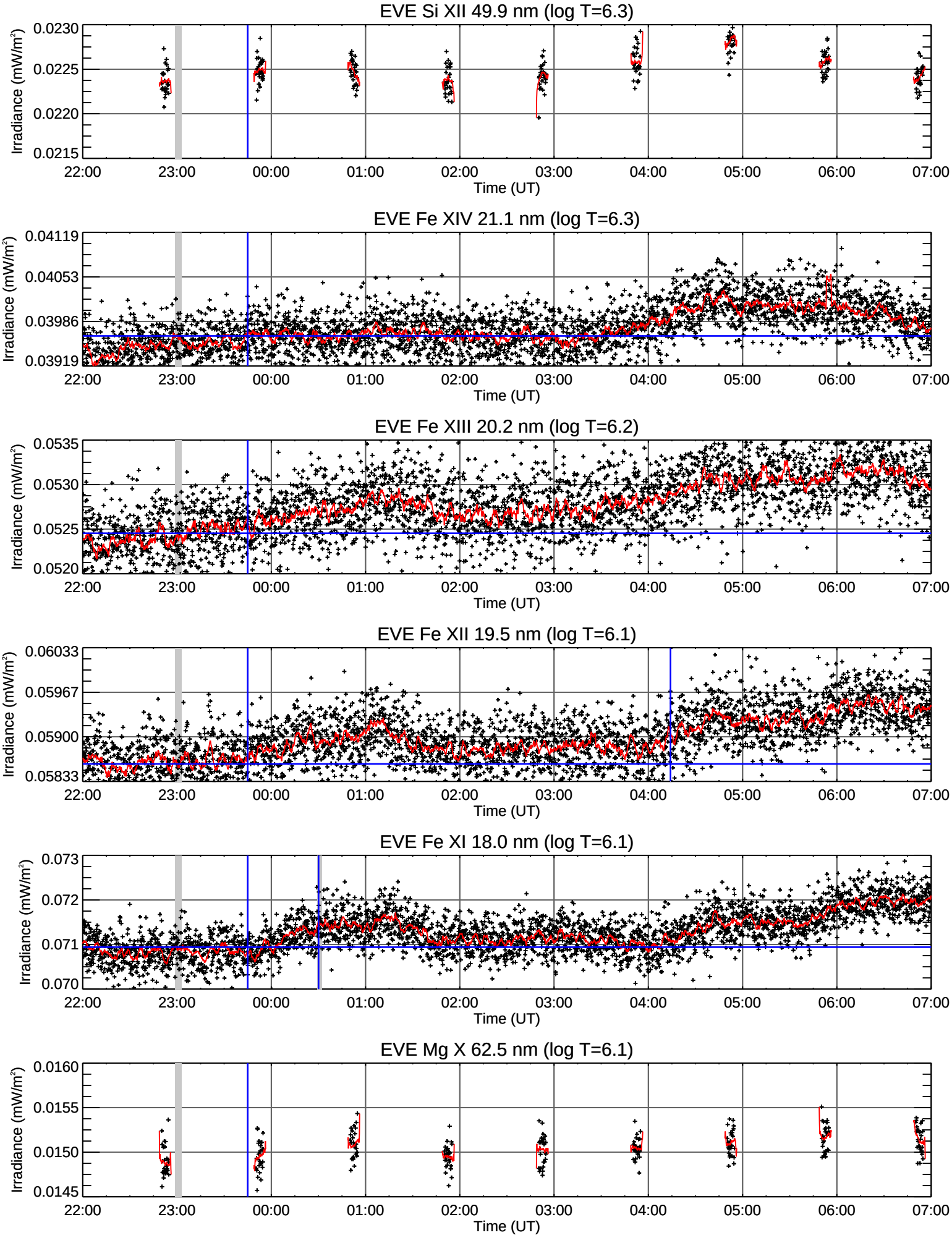
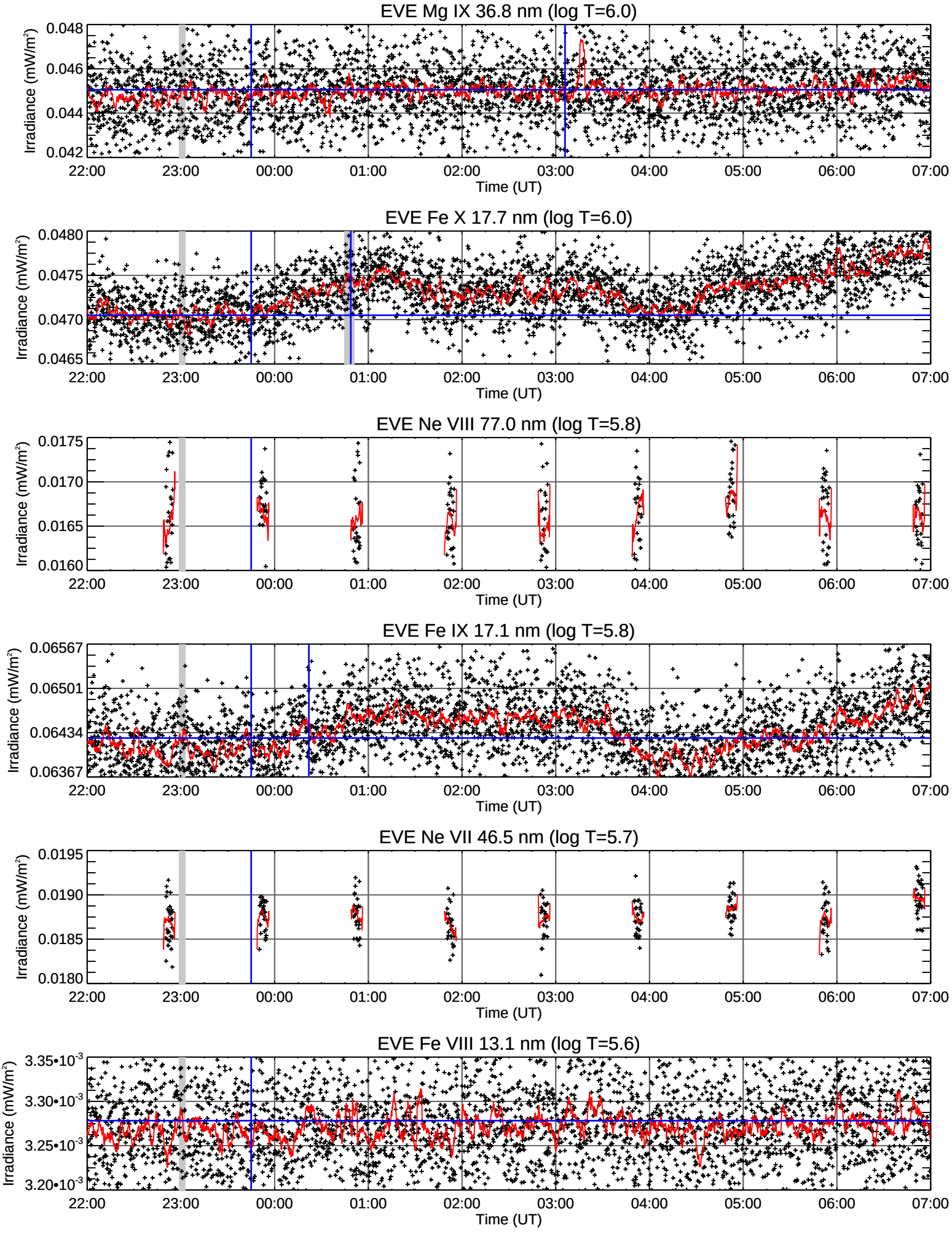
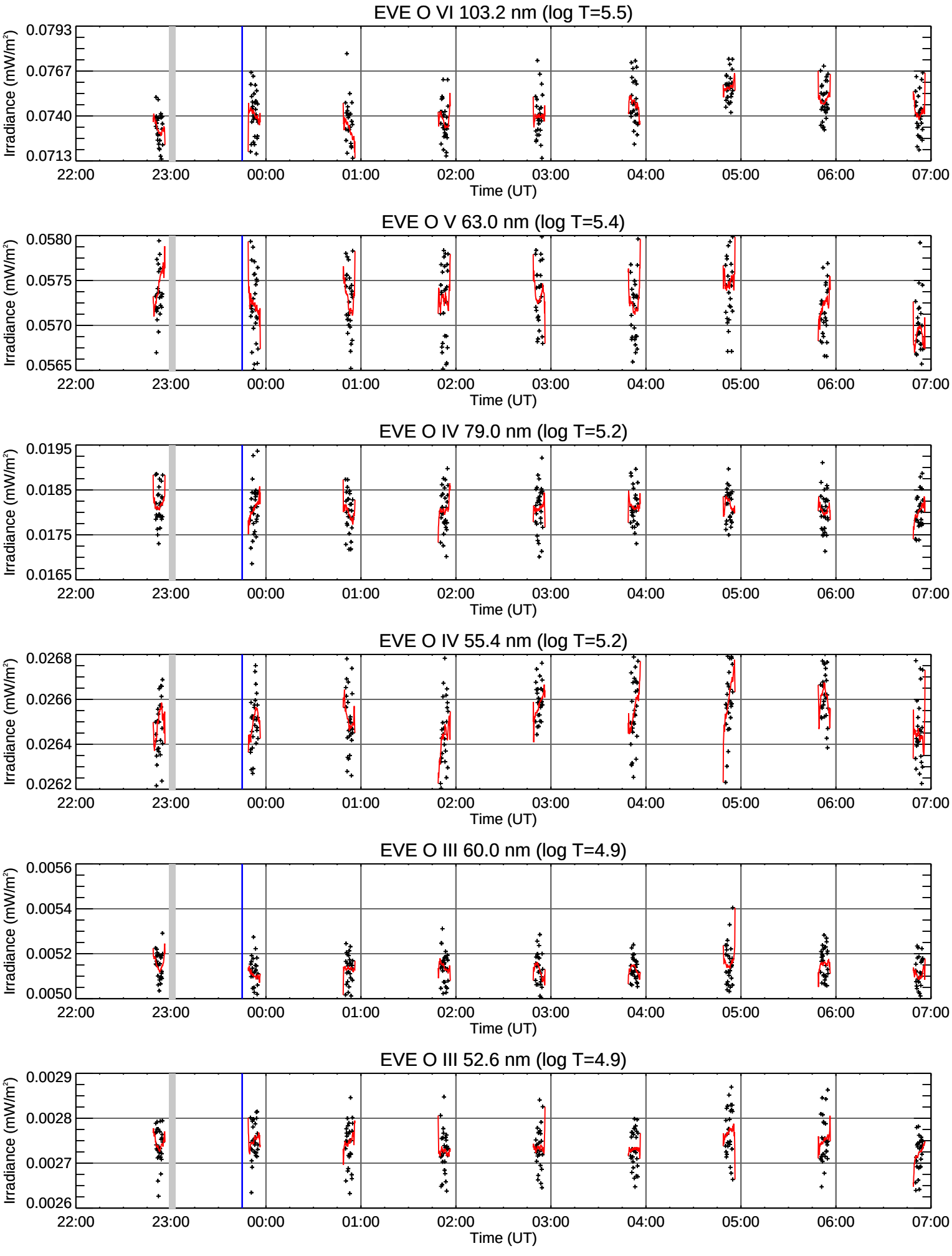
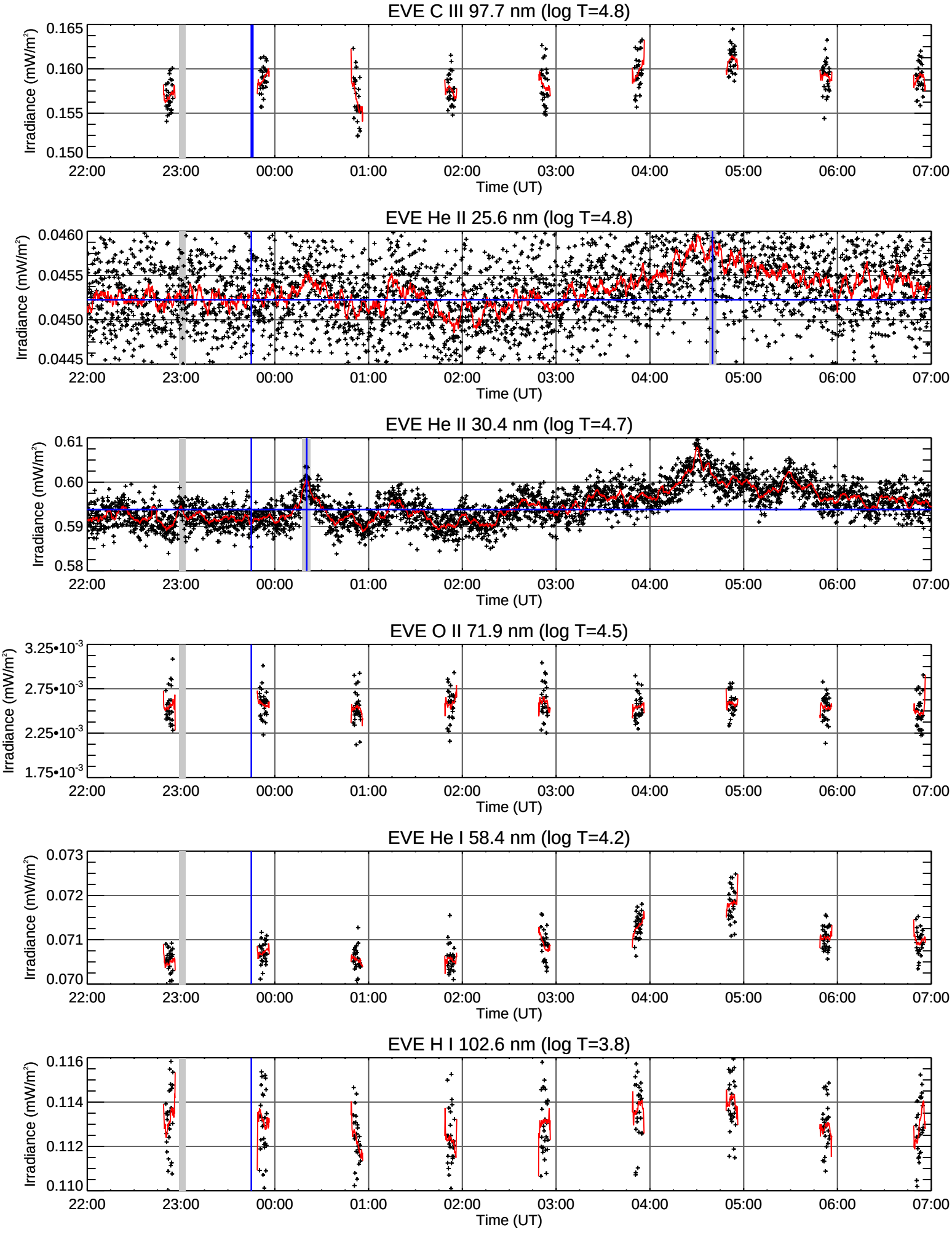
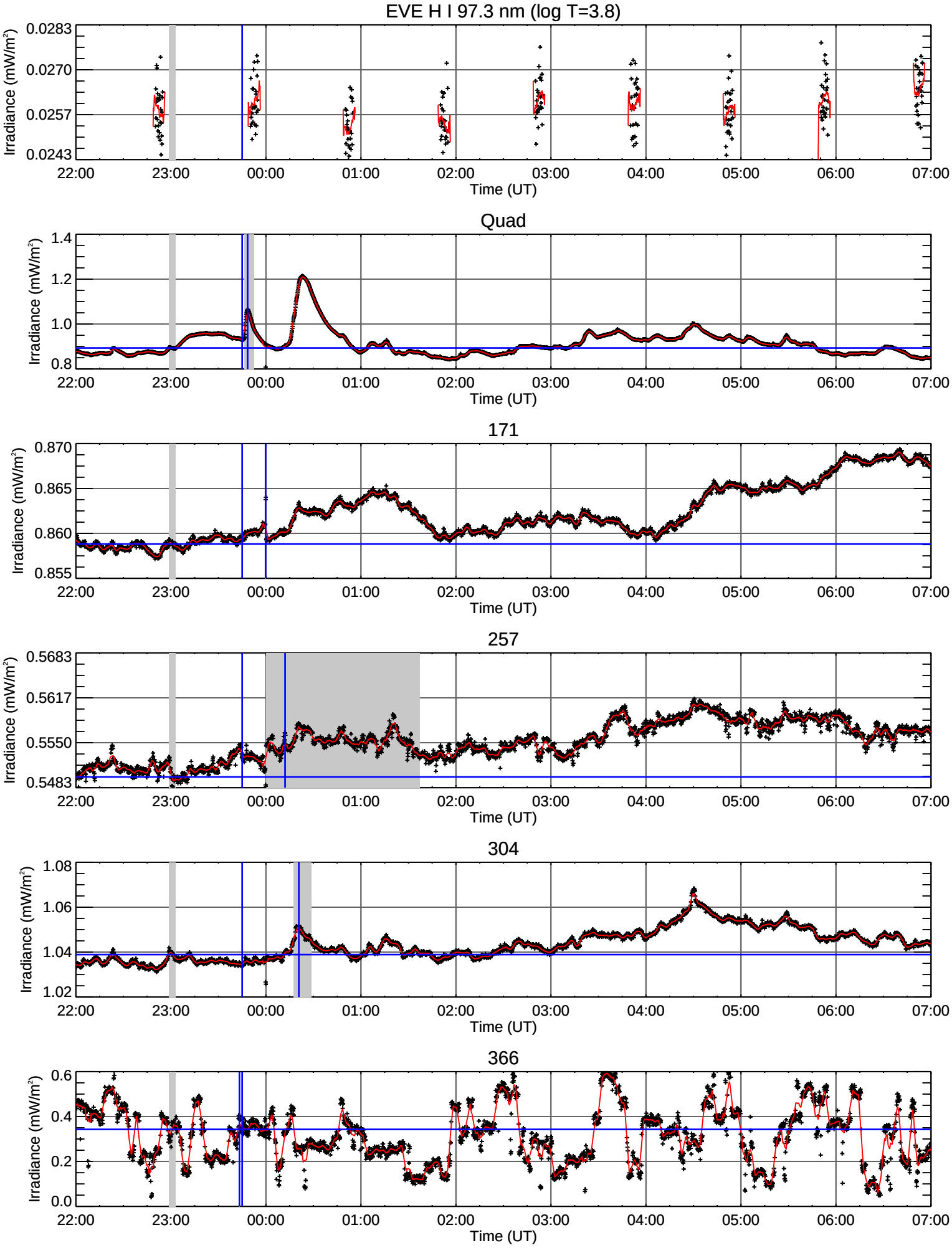

08-Apr-2013 (DOY 098) C1.5 @ 23:48:00 UT
GOES Class
X
M
C
B
A
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)
EVE Fe XX 13.3 nm (log T=7.0)
Irradiance (mW/m²)
0.0016
0.0014
0.0012
0.0010
Time (UT)
EVE Fe XVIII 9.4 nm (log T=6.8)
Irradiance (mW/m²)
0.00832
0.00805
0.00779
0.00752
Time (UT)
EVE Fe XVI 36.1 nm (log T=6.4)
Irradiance (mW/m²)
2.25
1.75
1.25
0.75
Time (UT)
EVE Fe XVI 33.5 nm (log T=6.4)
Irradiance (mW/m²)
0.0573
0.0547
0.0520
0.0493
Time (UT)
EVE Fe XV 28.4 nm (log T=6.3)
Irradiance (mW/m²)
0.090
0.088
0.086
0.084
Time (UT)

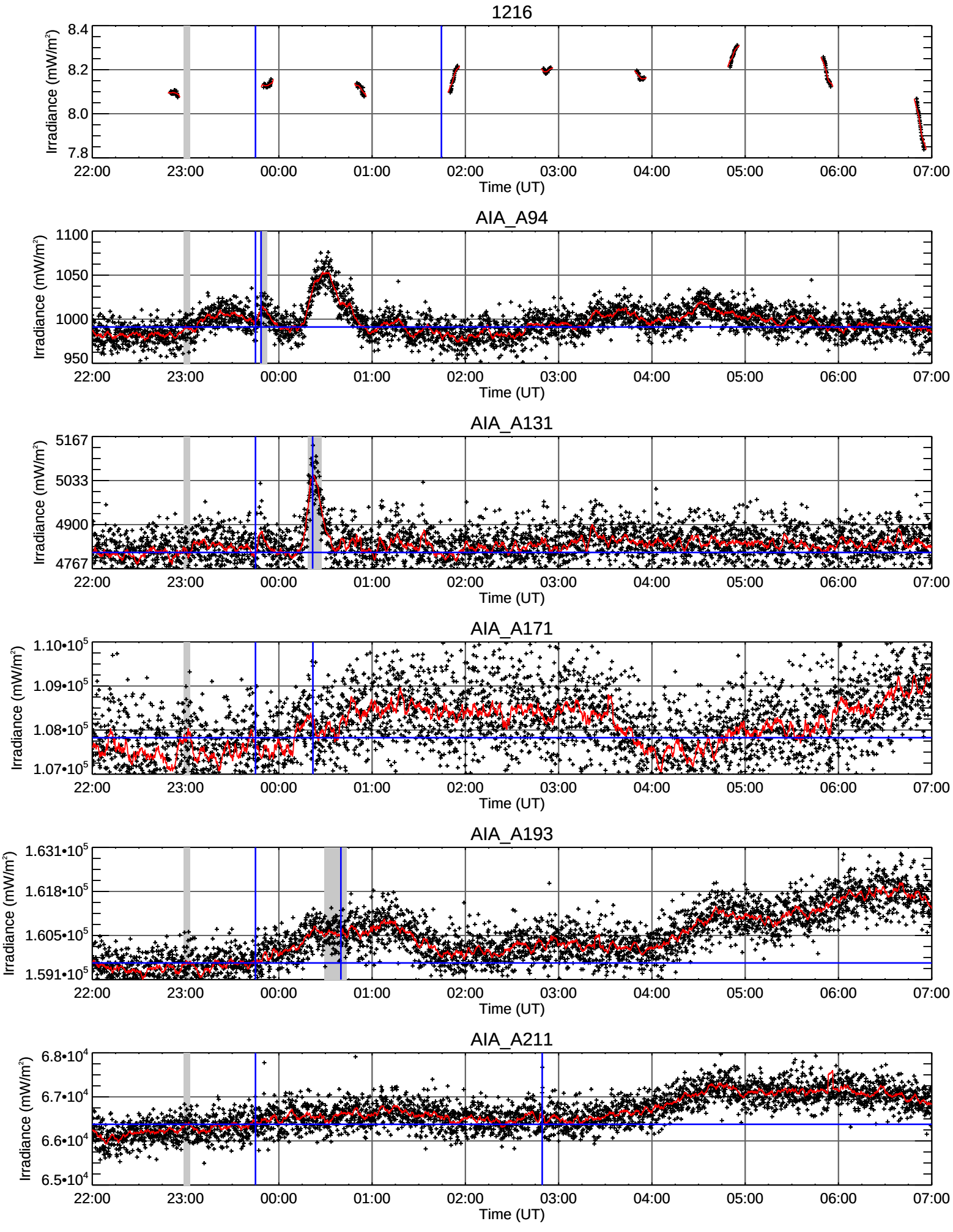

EVE Si XII 49.9 nm (log T=6.3)
Irradiance (mW/m²)
0.0230
0.0225
0.0220
0.0215
EVE Fe XIV 21.1 nm (log T=6.3)
0.04119
0.04053
0.03986
0.03919
EVE Fe XIII 20.2 nm (log T=6.2)
0.0535
0.0530
0.0525
0.0520
EVE Fe XII 19.5 nm (log T=6.1)
0.06033
0.05967
0.05900
0.05833
EVE Fe XI 18.0 nm (log T=6.1)
0.073
0.072
0.071
0.070
EVE Mg X 62.5 nm (log T=6.1)
0.0160
0.0155
0.0150
0.0145
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)

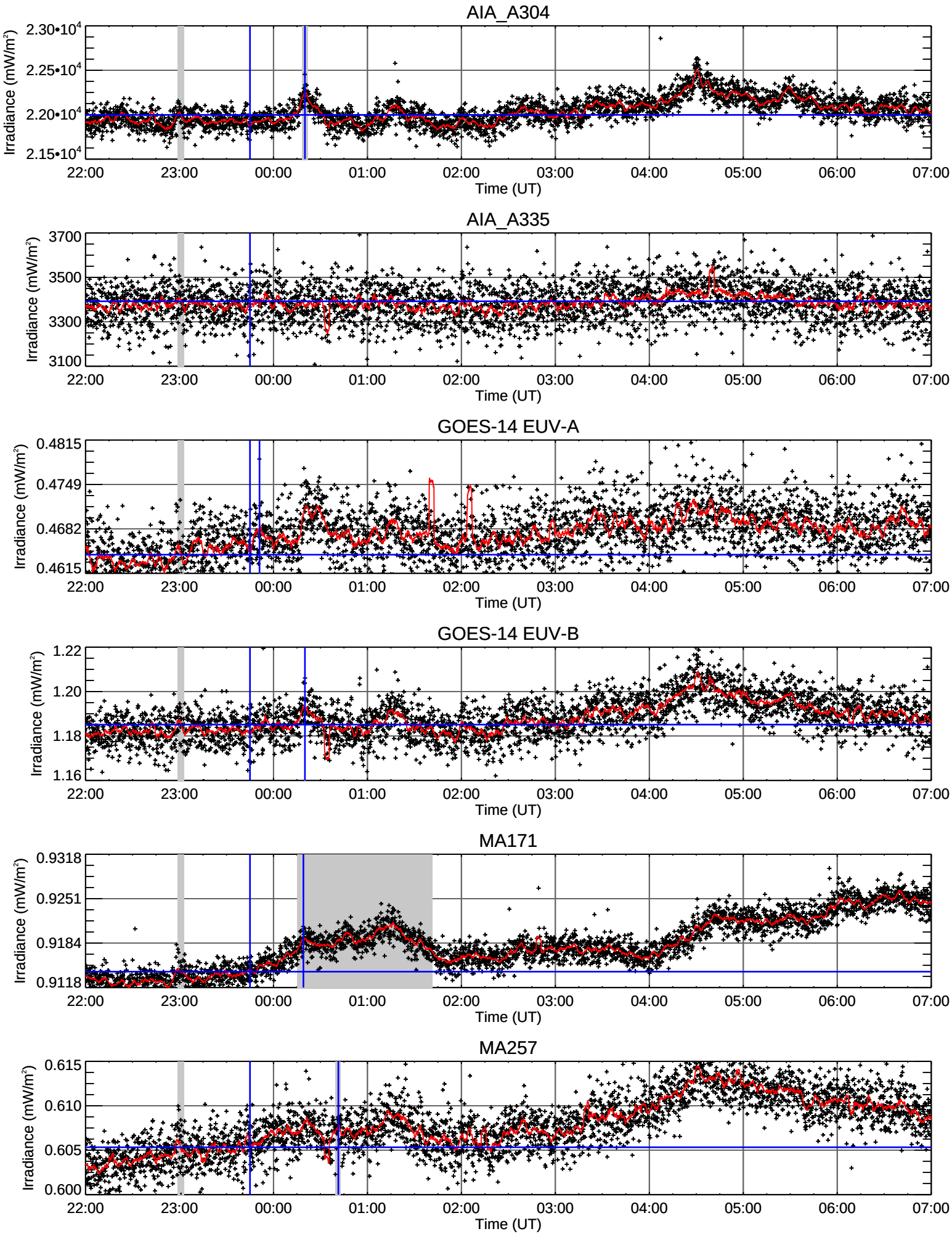

EVE Mg IX 36.8 nm (log T=6.0)
Irradiance (mW/m²)
0.048
0.046
0.044
0.042
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)
EVE Fe X 17.7 nm (log T=6.0)
Irradiance (mW/m²)
0.0480
0.0475
0.0470
0.0465
Time (UT)
EVE Ne VIII 77.0 nm (log T=5.8)
Irradiance (mW/m²)
0.0175
0.0170
0.0165
0.0160
Time (UT)
EVE Fe IX 17.1 nm (log T=5.8)
Irradiance (mW/m²)
0.06567
0.06501
0.06434
0.06367
Time (UT)
EVE Ne VII 46.5 nm (log T=5.7)
Irradiance (mW/m²)
0.0195
0.0190
0.0185
0.0180
Time (UT)
EVE Fe VIII 13.1 nm (log T=5.6)
Irradiance (mW/m²)
3.35•10-3
3.30•10-3
3.25•10-3
3.20•10-3
Time (UT)

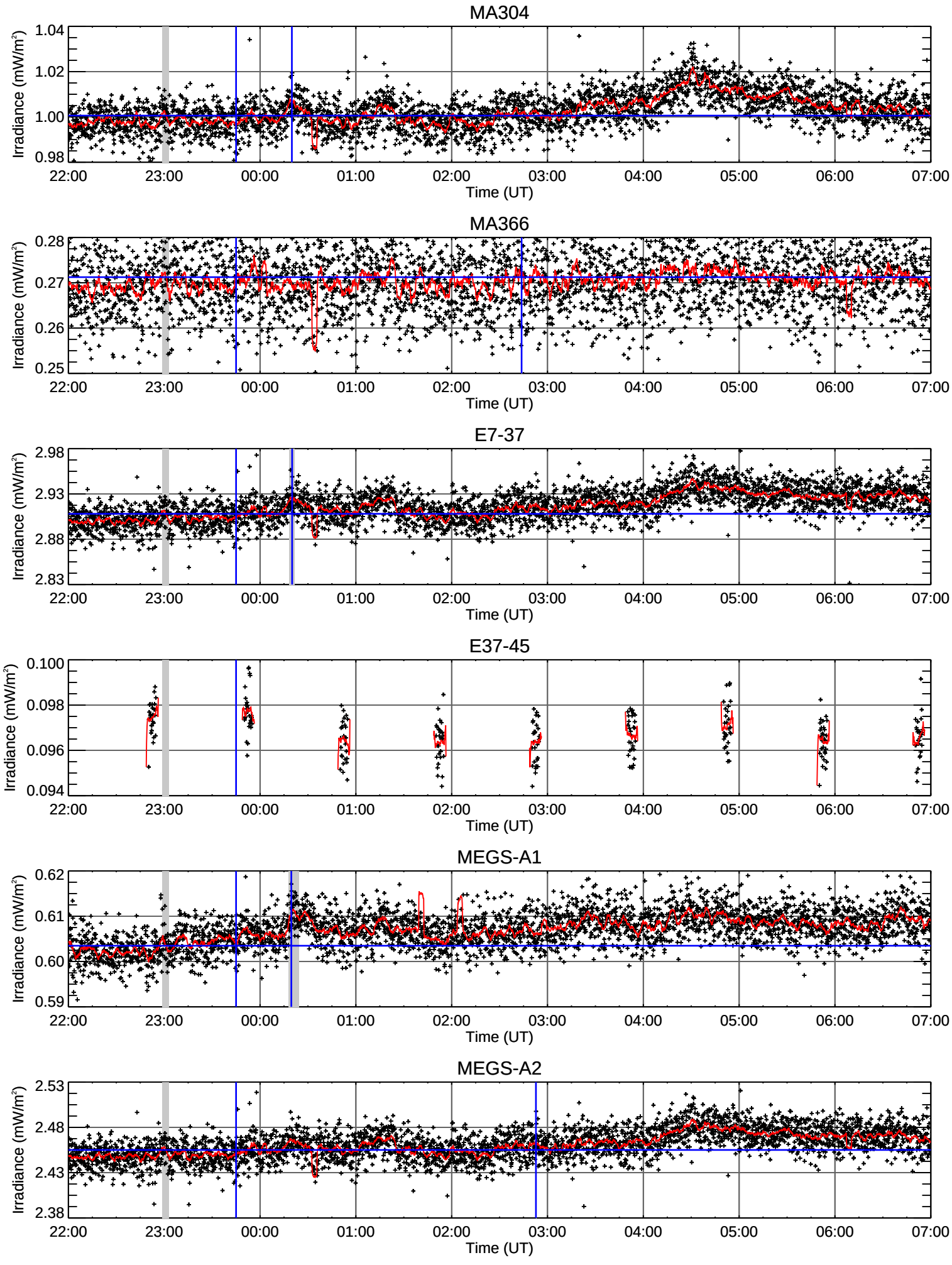

EVE O VI 103.2 nm (log T=5.5)
Irradiance (mW/m²)
0.0793
0.0767
0.0740
0.0713
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)
EVE O V 63.0 nm (log T=5.4)
Irradiance (mW/m²)
0.0580
0.0575
0.0570
0.0565
Time (UT)
EVE O IV 79.0 nm (log T=5.2)
Irradiance (mW/m²)
0.0195
0.0185
0.0175
0.0165
Time (UT)
EVE O IV 55.4 nm (log T=5.2)
Irradiance (mW/m²)
0.0268
0.0266
0.0264
0.0262
Time (UT)
EVE O III 60.0 nm (log T=4.9)
Irradiance (mW/m²)
0.0056
0.0054
0.0052
0.0050
Time (UT)
EVE O III 52.6 nm (log T=4.9)
Irradiance (mW/m²)
0.0029
0.0028
0.0027
0.0026
Time (UT)

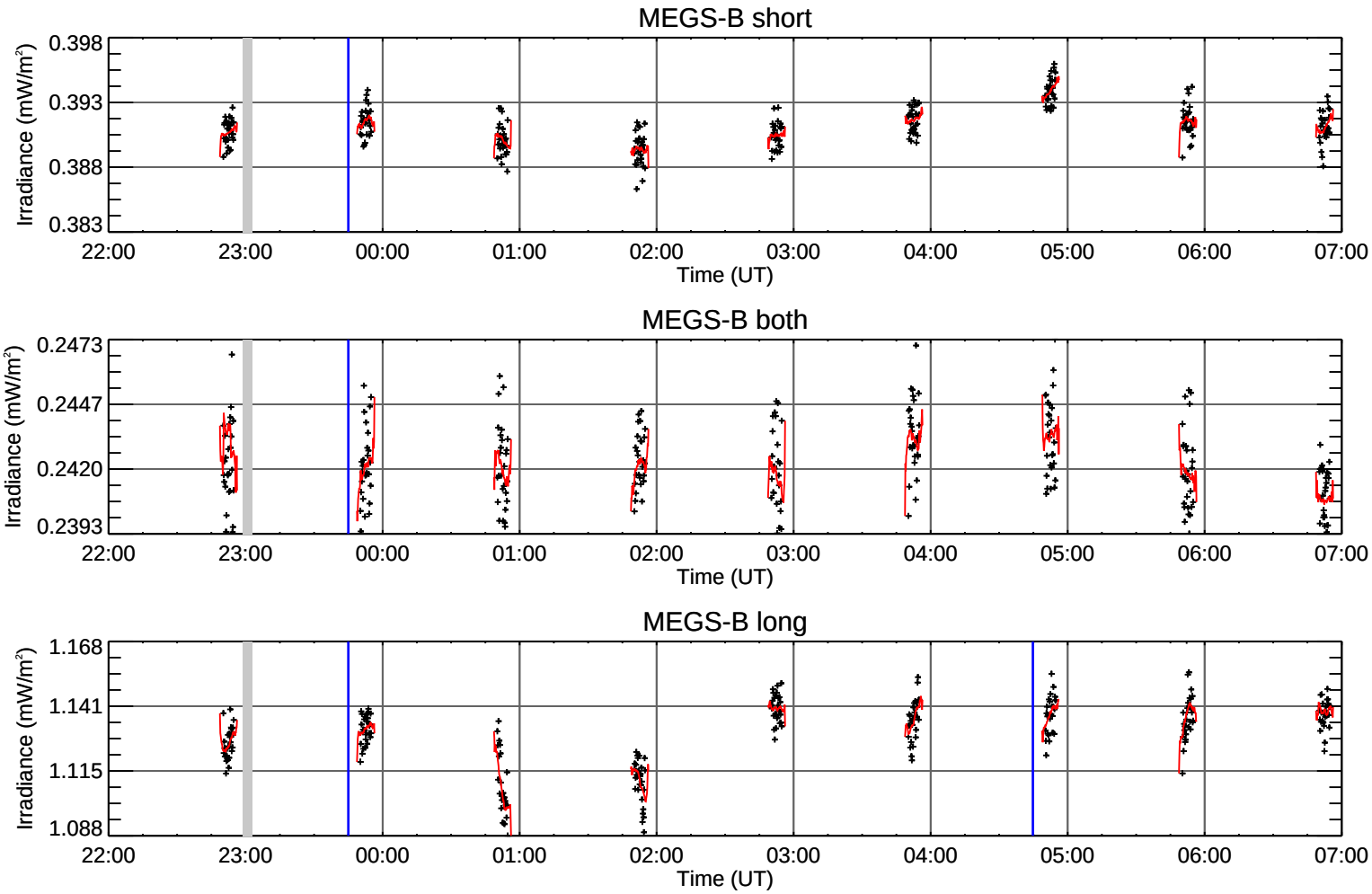

EVE C III 97.7 nm (log T=4.8)
Irradiance (mW/m²)
0.165
0.160
0.155
0.150
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)
EVE He II 25.6 nm (log T=4.8)
Irradiance (mW/m²)
0.0460
0.0455
0.0450
0.0445
Time (UT)
EVE He II 30.4 nm (log T=4.7)
Irradiance (mW/m²)
0.61
0.60
0.59
0.58
Time (UT)
EVE O II 71.9 nm (log T=4.5)
Irradiance (mW/m²)
3.25•10-3
2.75•10-3
2.25•10-3
1.75•10-3
Time (UT)
EVE He I 58.4 nm (log T=4.2)
Irradiance (mW/m²)
0.073
0.072
0.071
0.070
Time (UT)
EVE H I 102.6 nm (log T=3.8)
Irradiance (mW/m²)
0.116
0.114
0.112
0.110
Time (UT)


EVE H I 97.3 nm (log T=3.8)
Irradiance (mW/m²)
0.0283
0.0270
0.0257
0.0243
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)
Quad
Irradiance (mW/m²)
1.4
1.2
1.0
0.8
Time (UT)
171
Irradiance (mW/m²)
0.870
0.865
0.860
0.855
Time (UT)
257
Irradiance (mW/m²)
0.5683
0.5617
0.5550
0.5483
Time (UT)
304
Irradiance (mW/m²)
1.08
1.06
1.04
1.02
Time (UT)
366
Irradiance (mW/m²)
0.6
0.4
0.2
0.0
Time (UT)


1216
Irradiance (mW/m²)
8.4
8.2
8.0
7.8
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)
AIA_A94
Irradiance (mW/m²)
1100
1050
1000
950
Time (UT)
AIA_A131
Irradiance (mW/m²)
5167
5033
4900
4767
Time (UT)
AIA_A171
Irradiance (mW/m²)
1.10•10^5
1.09•10^5
1.08•10^5
1.07•10^5
Time (UT)
AIA_A193
Irradiance (mW/m²)
1.631•10^5
1.618•10^5
1.605•10^5
1.591•10^5
Time (UT)
AIA_A211
Irradiance (mW/m²)
6.8•10^4
6.7•10^4
6.6•10^4
6.5•10^4
Time (UT)


AIA_A304
Irradiance (mW/m²)
2.30•10⁴
2.25•10⁴
2.20•10⁴
2.15•10⁴
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)
AIA_A335
Irradiance (mW/m²)
3700
3500
3300
3100
Time (UT)
GOES-14 EUV-A
Irradiance (mW/m²)
0.4815
0.4749
0.4682
0.4615
Time (UT)
GOES-14 EUV-B
Irradiance (mW/m²)
1.22
1.20
1.18
1.16
Time (UT)
MA171
Irradiance (mW/m²)
0.9318
0.9251
0.9184
0.9118
Time (UT)
MA257
Irradiance (mW/m²)
0.615
0.610
0.605
0.600
Time (UT)


MA304
Irradiance (mW/m²)
1.04
1.02
1.00
0.98
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)
MA366
Irradiance (mW/m²)
0.28
0.27
0.26
0.25
Time (UT)
E7-37
Irradiance (mW/m²)
2.98
2.93
2.88
2.83
Time (UT)
E37-45
Irradiance (mW/m²)
0.100
0.098
0.096
0.094
Time (UT)
MEGS-A1
Irradiance (mW/m²)
0.62
0.61
0.60
0.59
Time (UT)
MEGS-A2
Irradiance (mW/m²)
2.53
2.48
2.43
2.38
Time (UT)


MEGS-B short
Irradiance (mW/m²)
0.398
0.393
0.388
0.383
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)
MEGS-B both
Irradiance (mW/m²)
0.2473
0.2447
0.2420
0.2393
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)
MEGS-B long
Irradiance (mW/m²)
1.168
1.141
1.115
1.088
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
Time (UT)