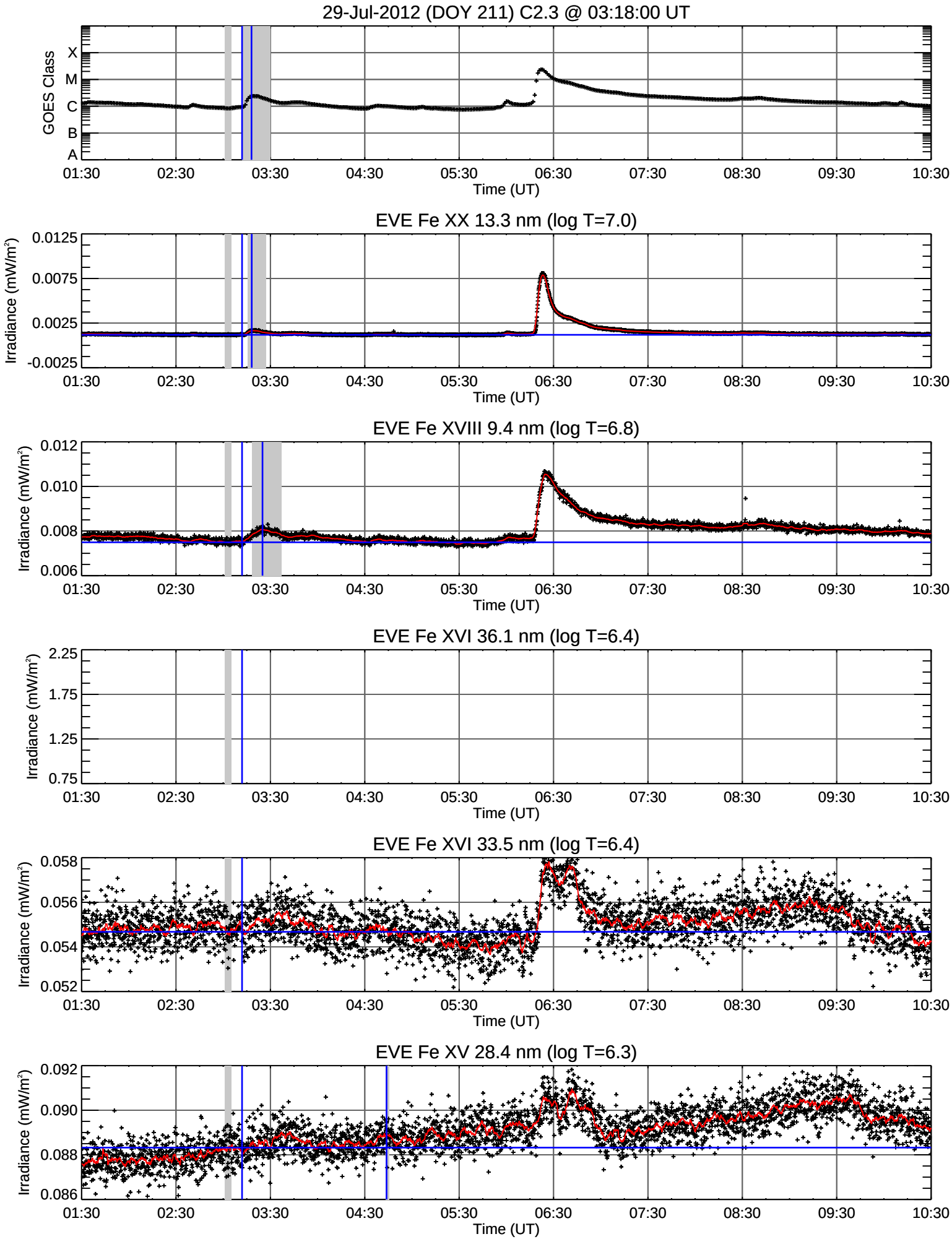
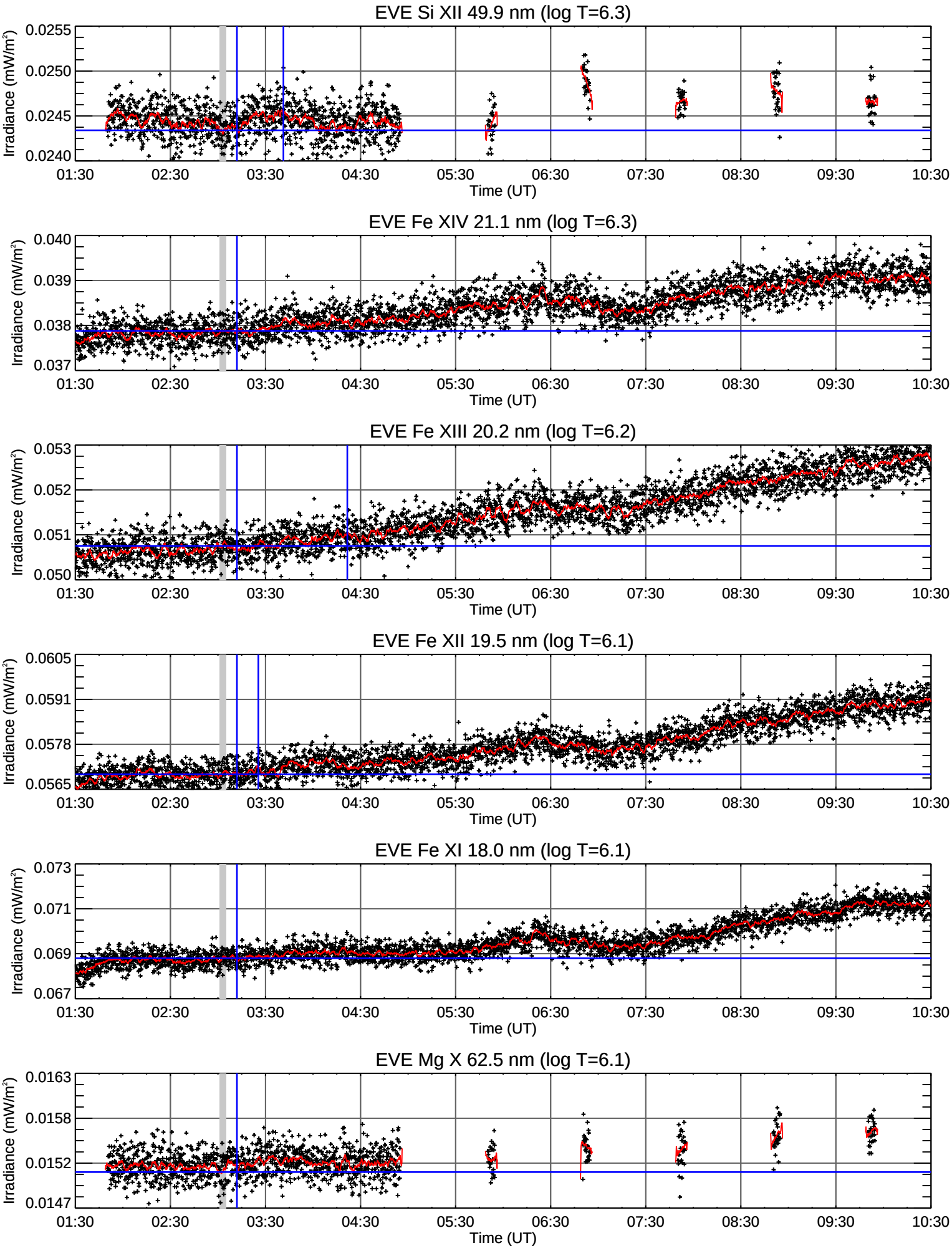
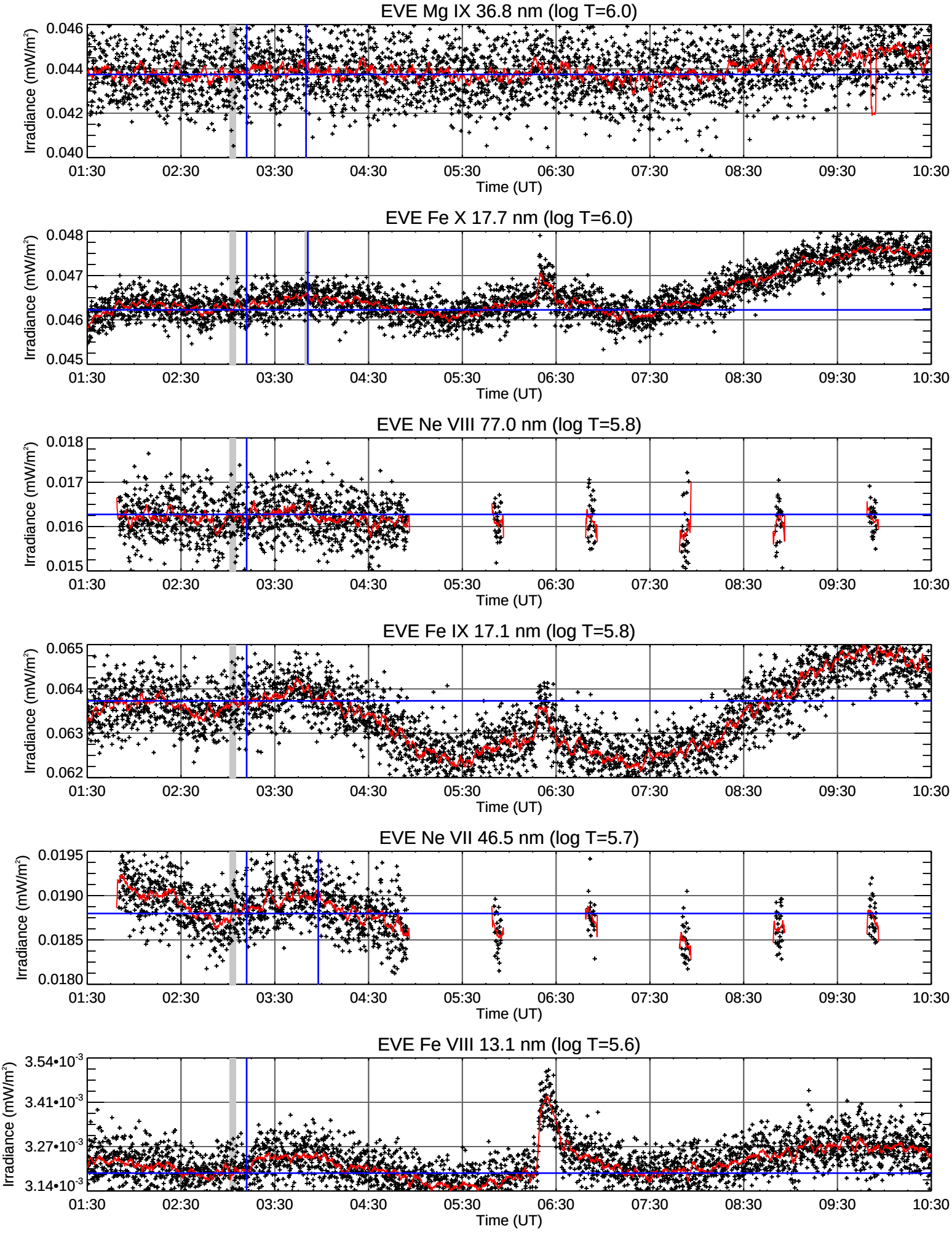
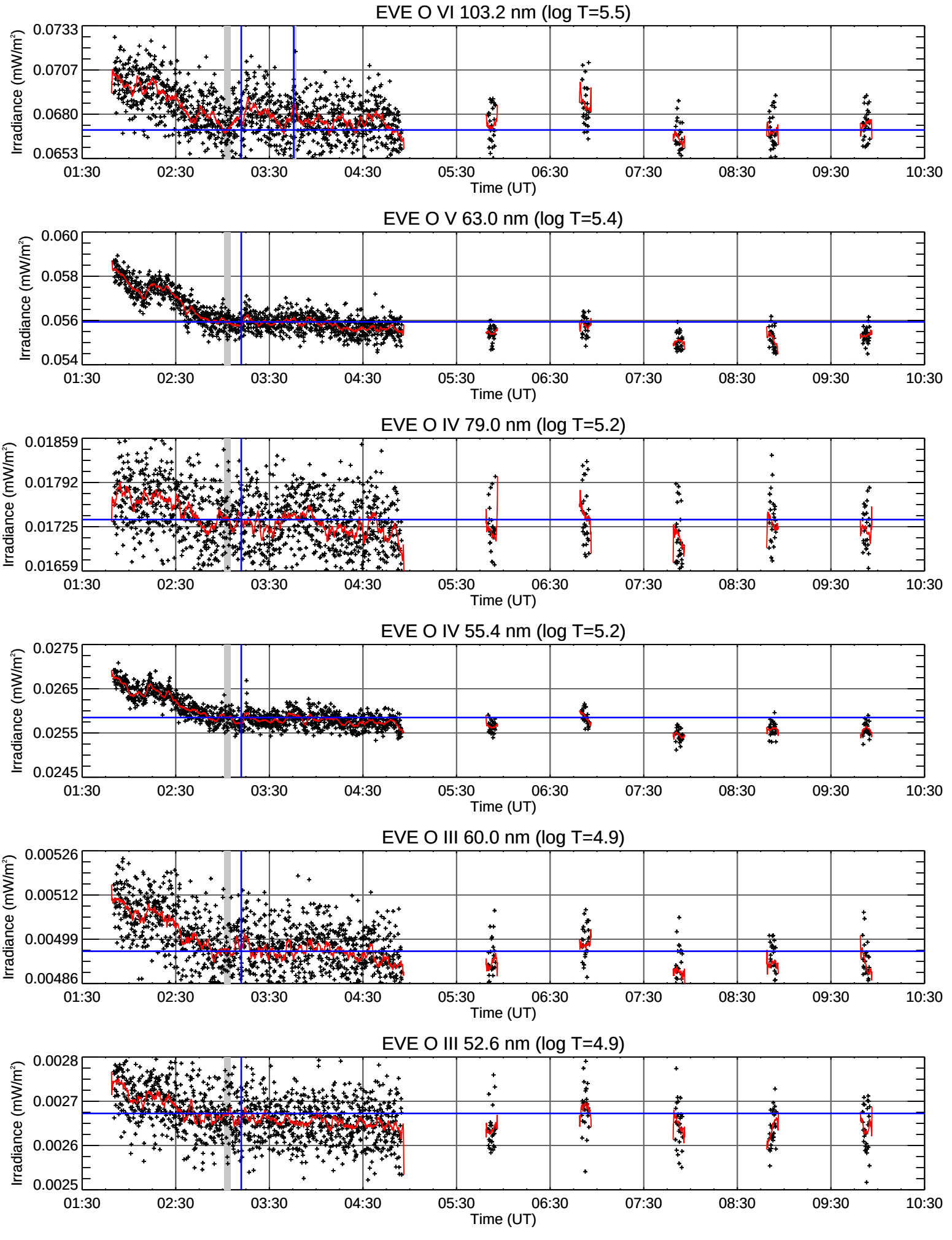
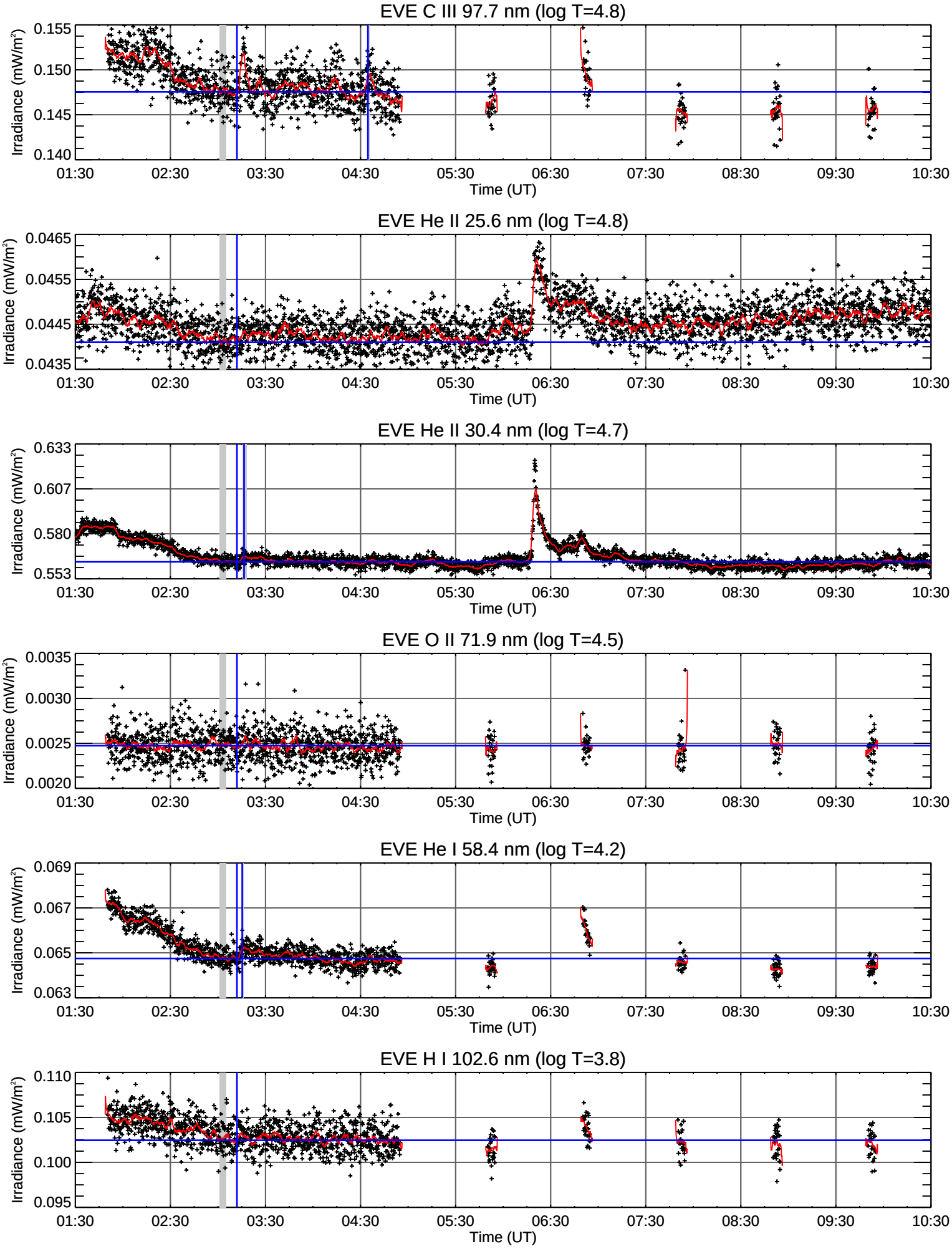
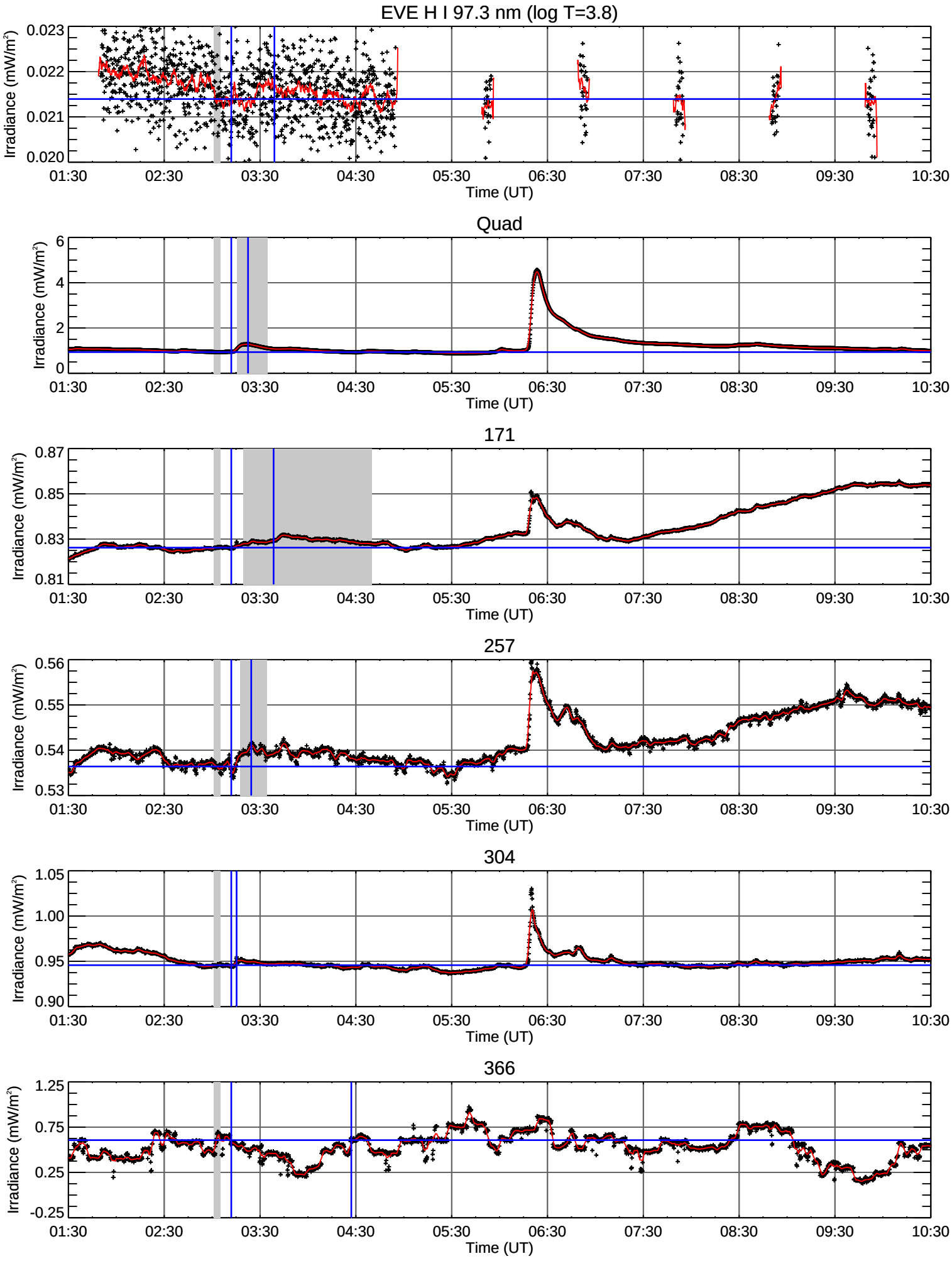

29-Jul-2012 (DOY 211) C2.3 @ 03:18:00 UT
GOES Class
X
M
C
B
A
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)
EVE Fe XX 13.3 nm (log T=7.0)
Irradiance (mW/m²)
0.0125
0.0075
0.0025
-0.0025
Time (UT)
EVE Fe XVIII 9.4 nm (log T=6.8)
Irradiance (mW/m²)
0.012
0.010
0.008
0.006
Time (UT)
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)
0.058
0.056
0.054
0.052
Time (UT)
EVE Fe XV 28.4 nm (log T=6.3)
Irradiance (mW/m²)
0.092
0.090
0.088
0.086
Time (UT)

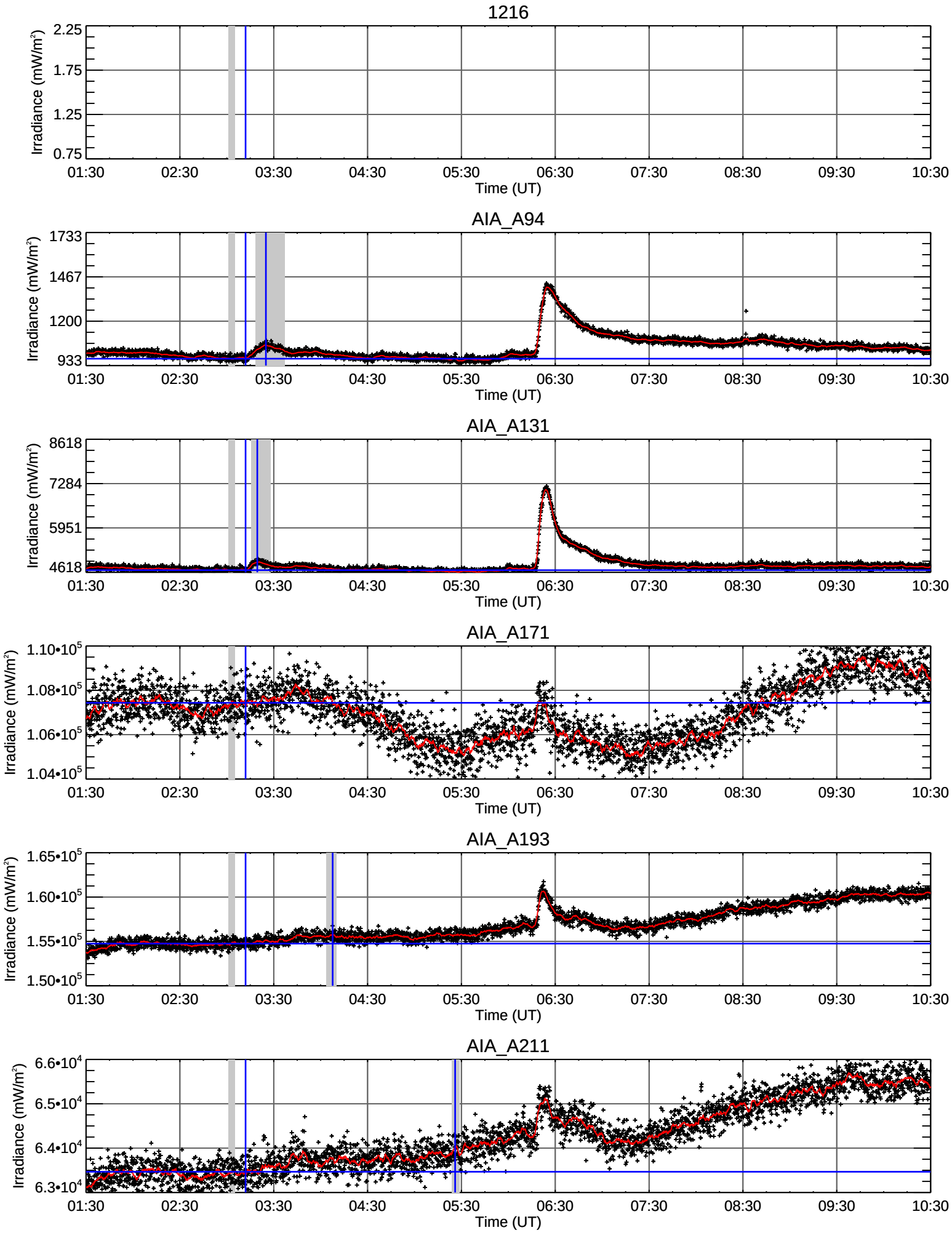

EVE Si XII 49.9 nm (log T=6.3)
Irradiance (mW/m²)
0.0255
0.0250
0.0245
0.0240
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)
EVE Fe XIV 21.1 nm (log T=6.3)
Irradiance (mW/m²)
0.040
0.039
0.038
0.037
Time (UT)
EVE Fe XIII 20.2 nm (log T=6.2)
Irradiance (mW/m²)
0.053
0.052
0.051
0.050
Time (UT)
EVE Fe XII 19.5 nm (log T=6.1)
Irradiance (mW/m²)
0.0605
0.0591
0.0578
0.0565
Time (UT)
EVE Fe XI 18.0 nm (log T=6.1)
Irradiance (mW/m²)
0.073
0.071
0.069
0.067
Time (UT)
EVE Mg X 62.5 nm (log T=6.1)
Irradiance (mW/m²)
0.0163
0.0158
0.0152
0.0147
Time (UT)

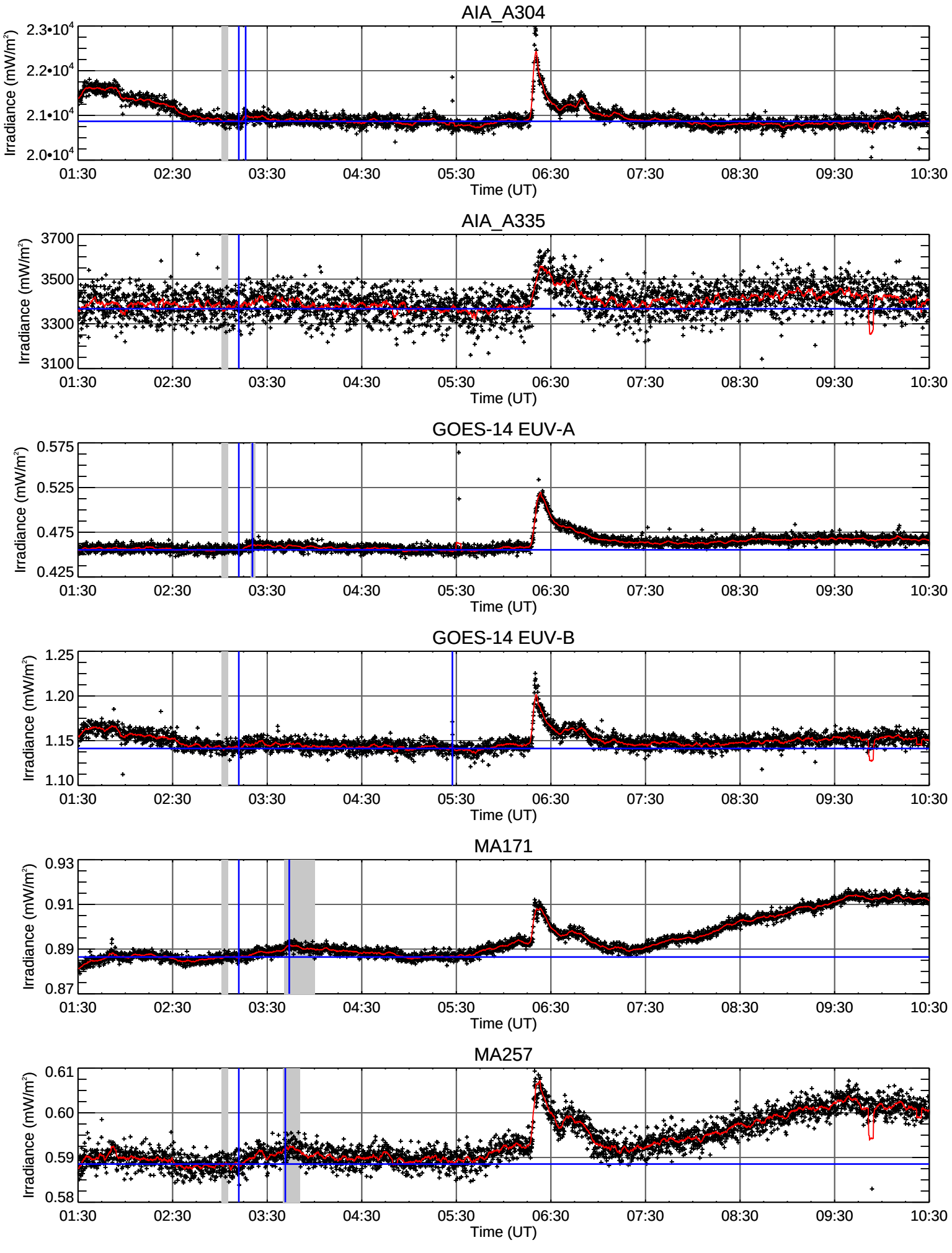

EVE Mg IX 36.8 nm (log T=6.0)
Irradiance (mW/m²)
0.046
0.044
0.042
0.040
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)
EVE Fe X 17.7 nm (log T=6.0)
Irradiance (mW/m²)
0.048
0.047
0.046
0.045
Time (UT)
EVE Ne VIII 77.0 nm (log T=5.8)
Irradiance (mW/m²)
0.018
0.017
0.016
0.015
Time (UT)
EVE Fe IX 17.1 nm (log T=5.8)
Irradiance (mW/m²)
0.065
0.064
0.063
0.062
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)
3.54•10-3
3.41•10-3
3.27•10-3
3.14•10-3
Time (UT)

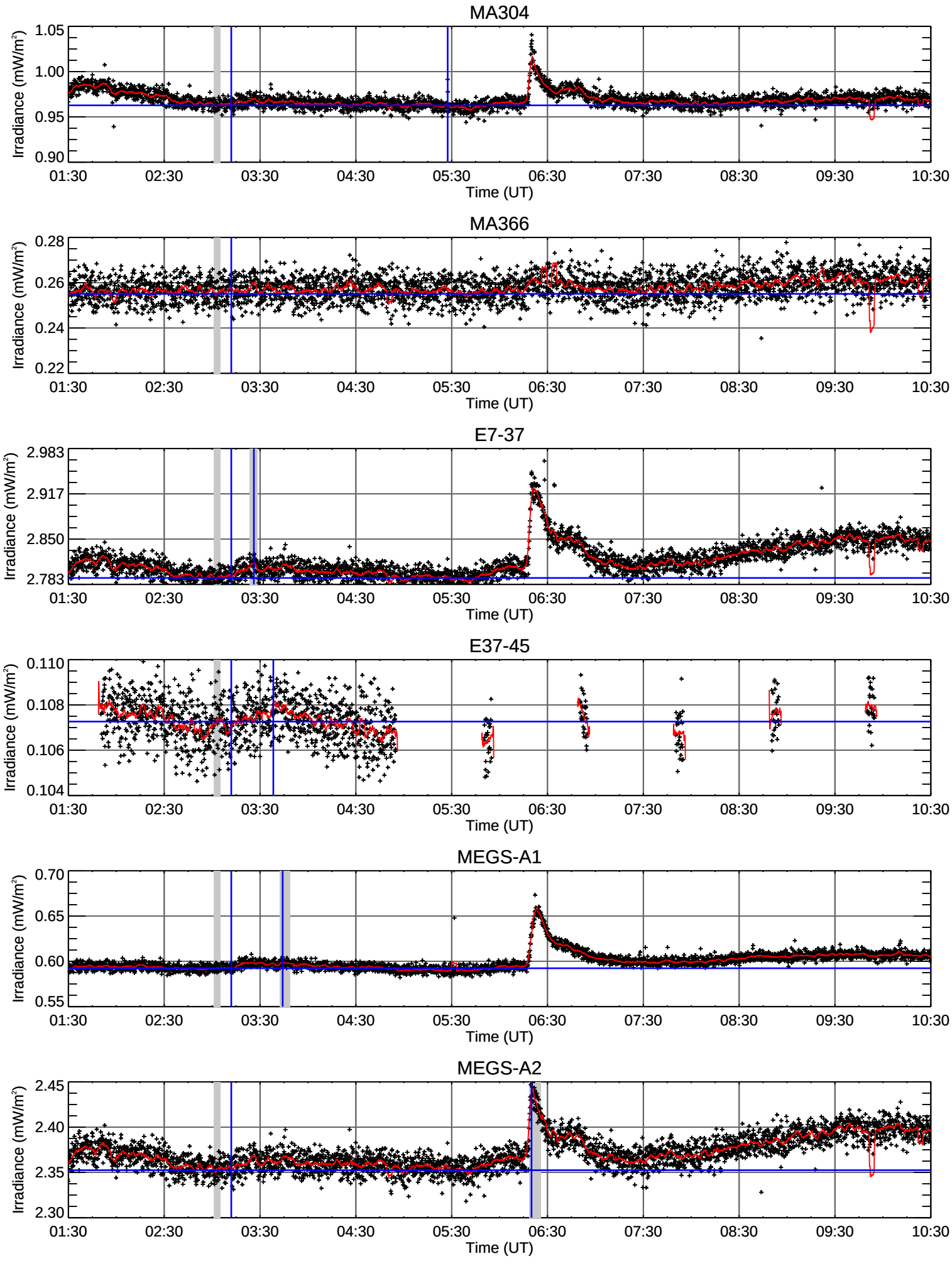

EVE O VI 103.2 nm (log T=5.5)
Irradiance (mW/m²)
0.0733
0.0707
0.0680
0.0653
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)
EVE O V 63.0 nm (log T=5.4)
Irradiance (mW/m²)
0.060
0.058
0.056
0.054
Time (UT)
EVE O IV 79.0 nm (log T=5.2)
Irradiance (mW/m²)
0.01859
0.01792
0.01725
0.01659
Time (UT)
EVE O IV 55.4 nm (log T=5.2)
Irradiance (mW/m²)
0.0275
0.0265
0.0255
0.0245
Time (UT)
EVE O III 60.0 nm (log T=4.9)
Irradiance (mW/m²)
0.00526
0.00512
0.00499
0.00486
Time (UT)
EVE O III 52.6 nm (log T=4.9)
Irradiance (mW/m²)
0.0028
0.0027
0.0026
0.0025
Time (UT)

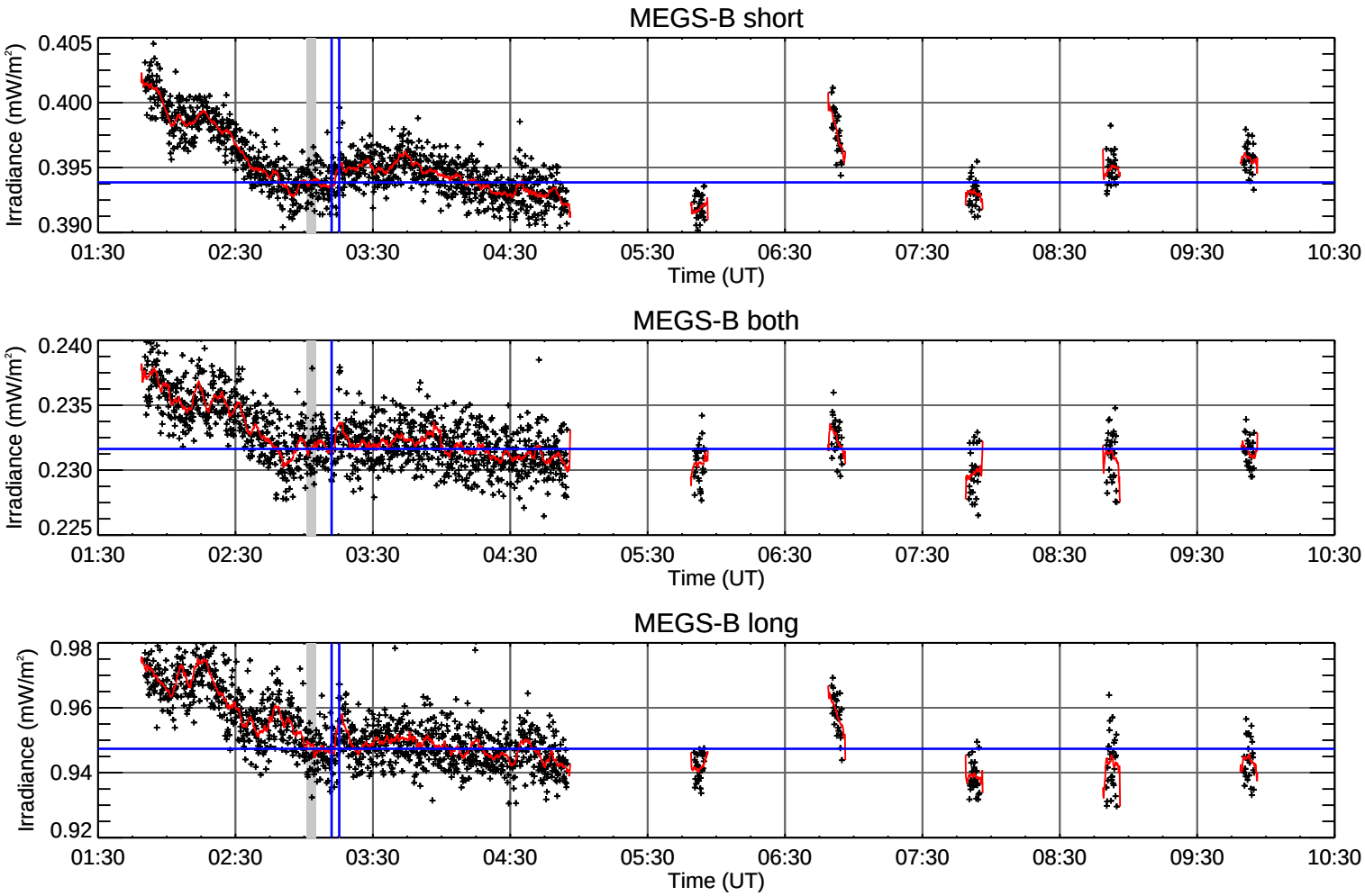

EVE C III 97.7 nm (log T=4.8)
Irradiance (mW/m²)
0.155
0.150
0.145
0.140
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)
EVE He II 25.6 nm (log T=4.8)
Irradiance (mW/m²)
0.0465
0.0455
0.0445
0.0435
Time (UT)
EVE He II 30.4 nm (log T=4.7)
Irradiance (mW/m²)
0.633
0.607
0.580
0.553
Time (UT)
EVE O II 71.9 nm (log T=4.5)
Irradiance (mW/m²)
0.0035
0.0030
0.0025
0.0020
Time (UT)
EVE He I 58.4 nm (log T=4.2)
Irradiance (mW/m²)
0.069
0.067
0.065
0.063
Time (UT)
EVE H I 102.6 nm (log T=3.8)
Irradiance (mW/m²)
0.110
0.105
0.100
0.095
Time (UT)


EVE H I 97.3 nm (log T=3.8)
Irradiance (mW/m²)
0.023
0.022
0.021
0.020
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)
Quad
Irradiance (mW/m²)
6
4
2
0
Time (UT)
171
Irradiance (mW/m²)
0.87
0.85
0.83
0.81
Time (UT)
257
Irradiance (mW/m²)
0.56
0.55
0.54
0.53
Time (UT)
304
Irradiance (mW/m²)
1.05
1.00
0.95
0.90
Time (UT)
366
Irradiance (mW/m²)
1.25
0.75
0.25
-0.25
Time (UT)


1216
Irradiance (mW/m²)
2.25
1.75
1.25
0.75
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)
AIA_A94
1733
1467
1200
933
AIA_A131
8618
7284
5951
4618
AIA_A171
1.10•10⁵
1.08•10⁵
1.06•10⁵
1.04•10⁵
AIA_A193
1.65•10⁵
1.60•10⁵
1.55•10⁵
1.50•10⁵
AIA_A211
6.6•10⁴
6.5•10⁴
6.4•10⁴
6.3•10⁴


AIA_A304
Irradiance (mW/m²)
2.3•10⁴
2.2•10⁴
2.1•10⁴
2.0•10⁴
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)
AIA_A335
Irradiance (mW/m²)
3700
3500
3300
3100
Time (UT)
GOES-14 EUV-A
Irradiance (mW/m²)
0.575
0.525
0.475
0.425
Time (UT)
GOES-14 EUV-B
Irradiance (mW/m²)
1.25
1.20
1.15
1.10
Time (UT)
MA171
Irradiance (mW/m²)
0.93
0.91
0.89
0.87
Time (UT)
MA257
Irradiance (mW/m²)
0.61
0.60
0.59
0.58
Time (UT)


MA304
Irradiance (mW/m²)
1.05
1.00
0.95
0.90
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)
MA366
Irradiance (mW/m²)
0.28
0.26
0.24
0.22
Time (UT)
E7-37
Irradiance (mW/m²)
2.983
2.917
2.850
2.783
Time (UT)
E37-45
Irradiance (mW/m²)
0.110
0.108
0.106
0.104
Time (UT)
MEGS-A1
Irradiance (mW/m²)
0.70
0.65
0.60
0.55
Time (UT)
MEGS-A2
Irradiance (mW/m²)
2.45
2.40
2.35
2.30
Time (UT)


MEGS-B short
Irradiance (mW/m²)
0.405
0.400
0.395
0.390
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)
MEGS-B both
Irradiance (mW/m²)
0.240
0.235
0.230
0.225
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)
MEGS-B long
Irradiance (mW/m²)
0.98
0.96
0.94
0.92
01:30
02:30
03:30
04:30
05:30
06:30
07:30
08:30
09:30
10:30
Time (UT)