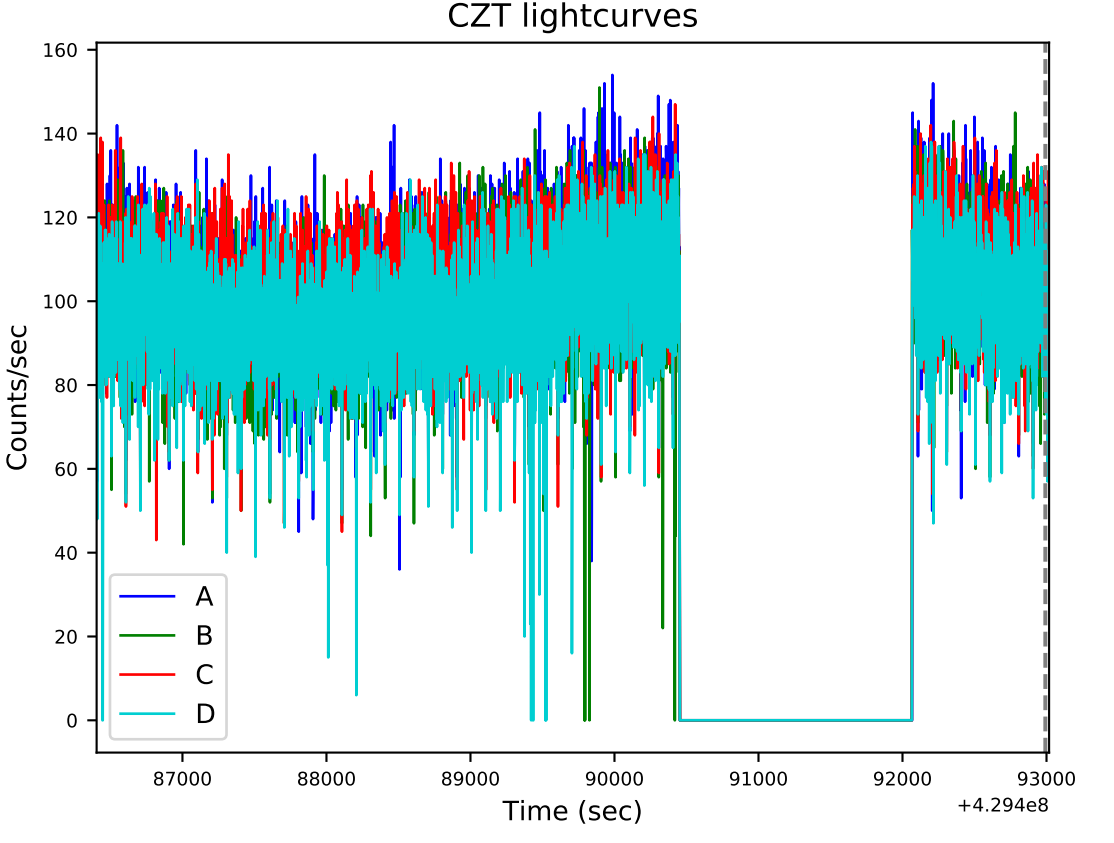
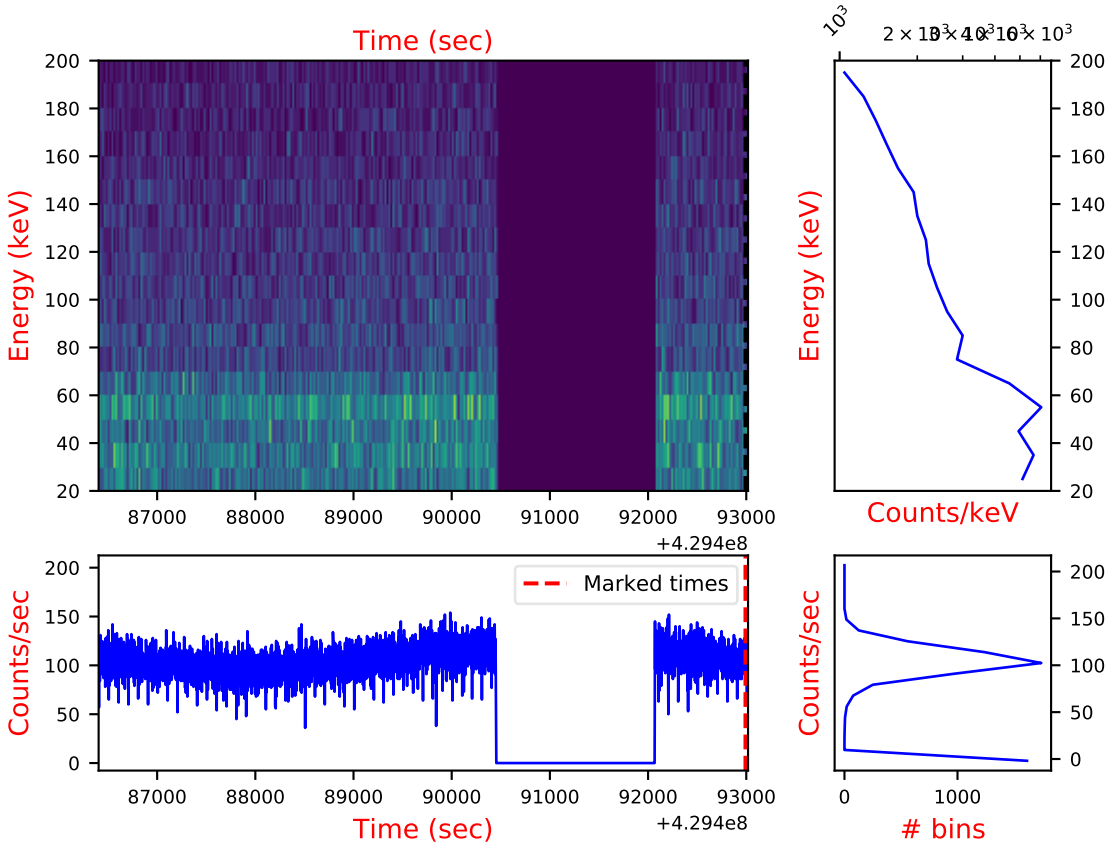
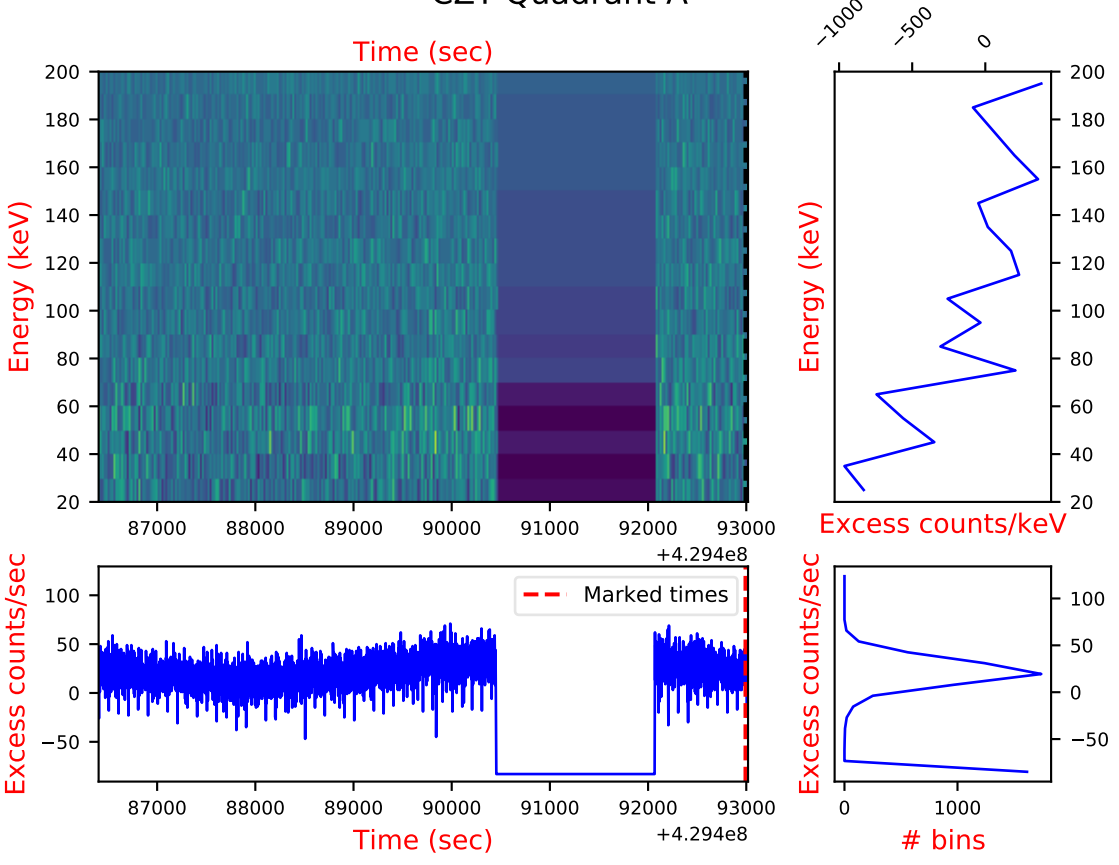
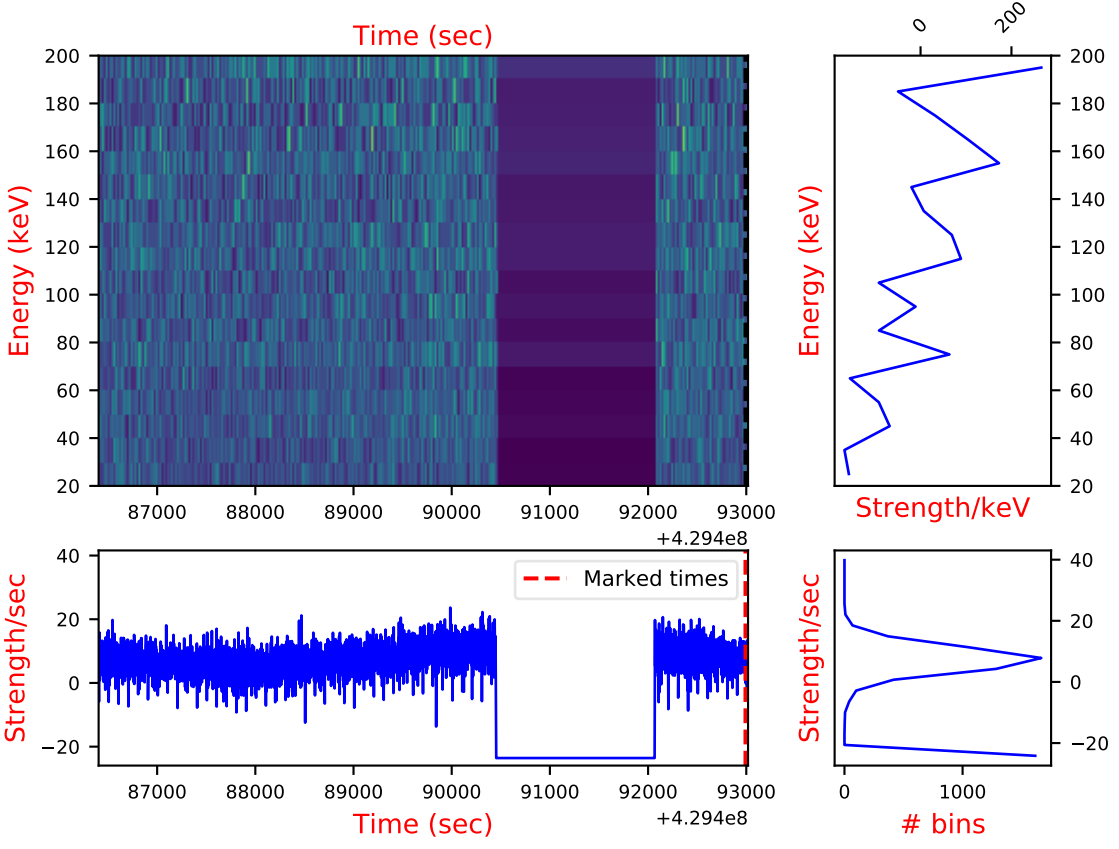
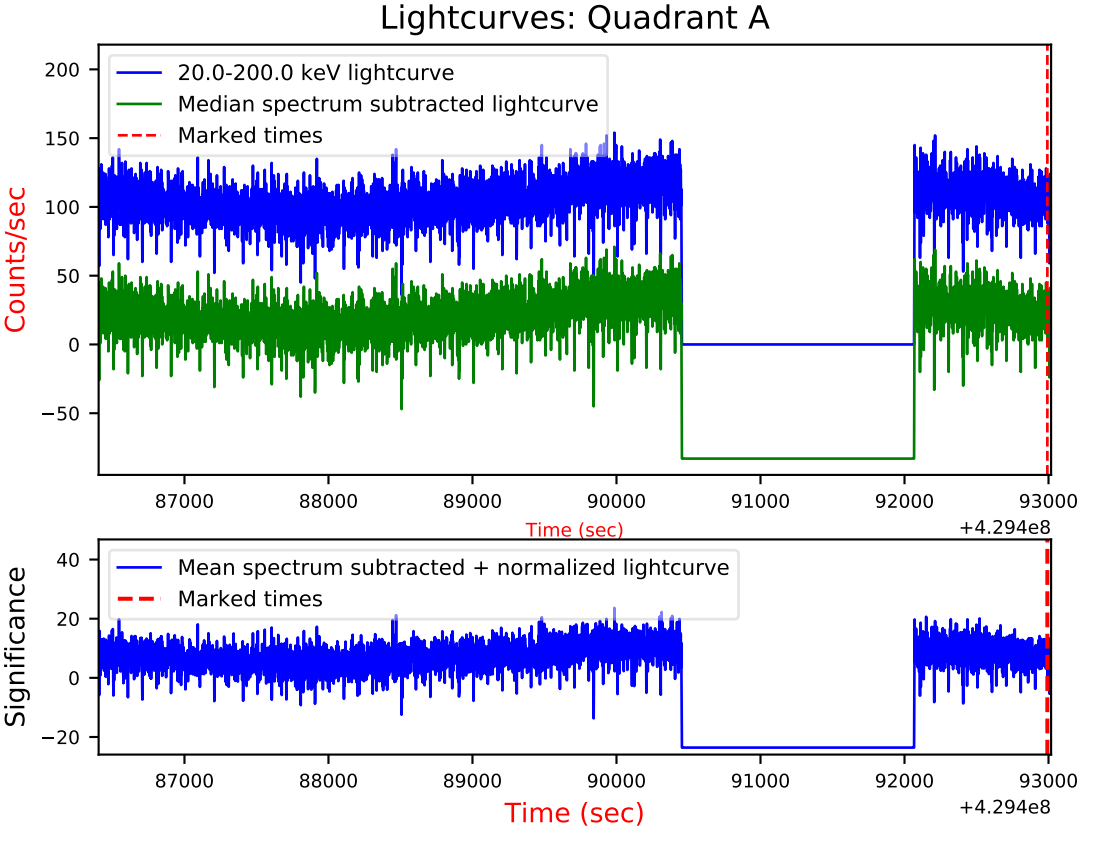
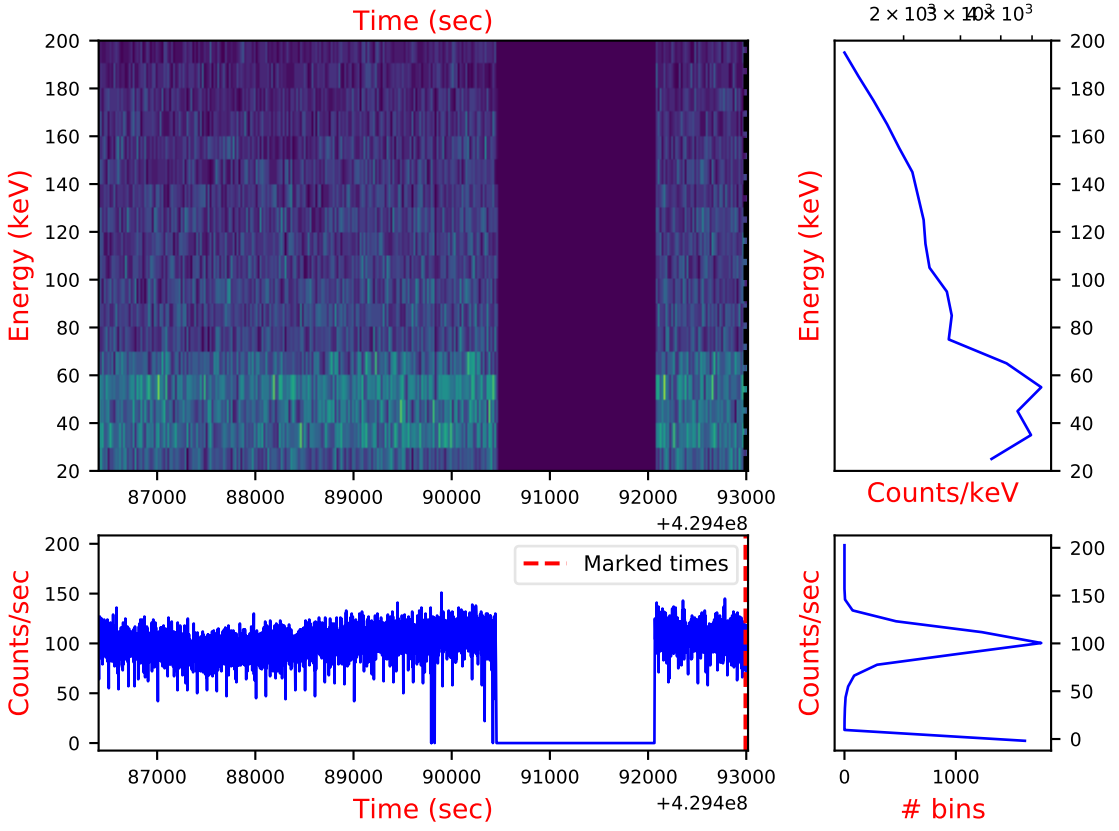

CZT lightcurves
Counts/sec
Time (sec)
+4.294e8
A
B
C
D
0
20
40
60
80
100
120
140
160
87000
88000
89000
90000
91000
92000
93000

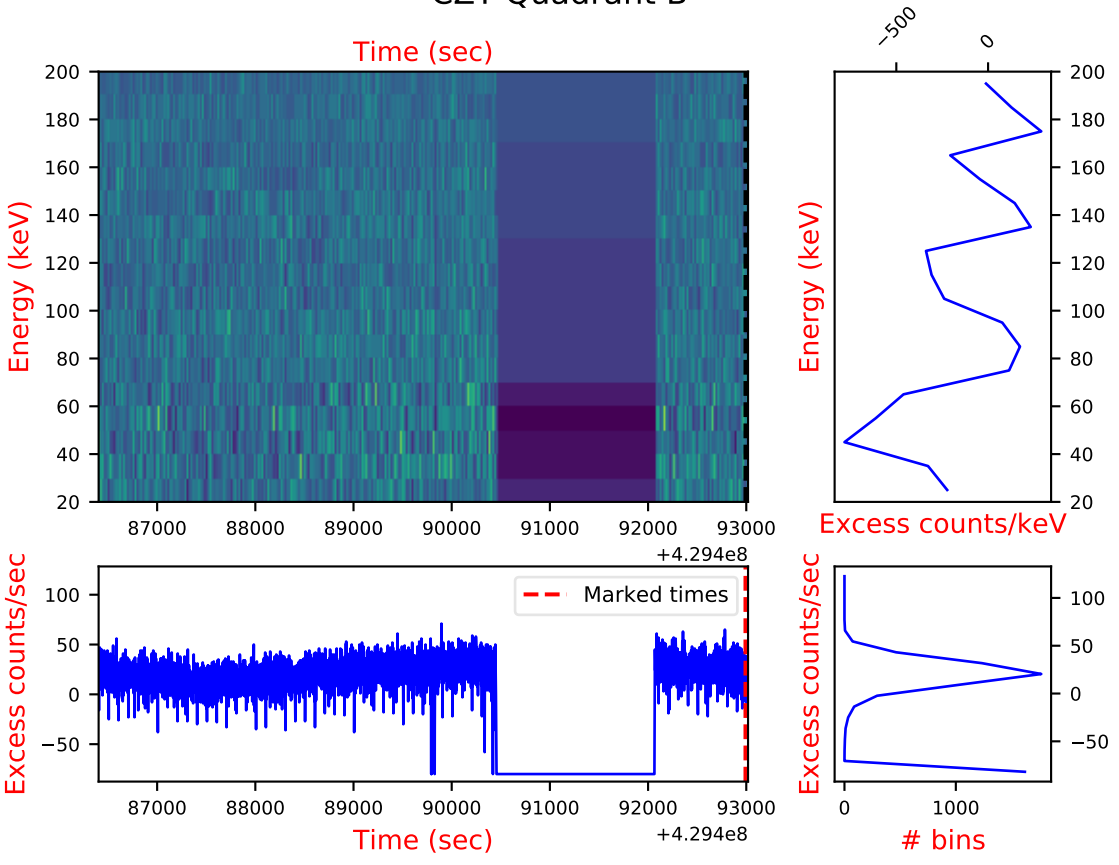

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.294e8
bins

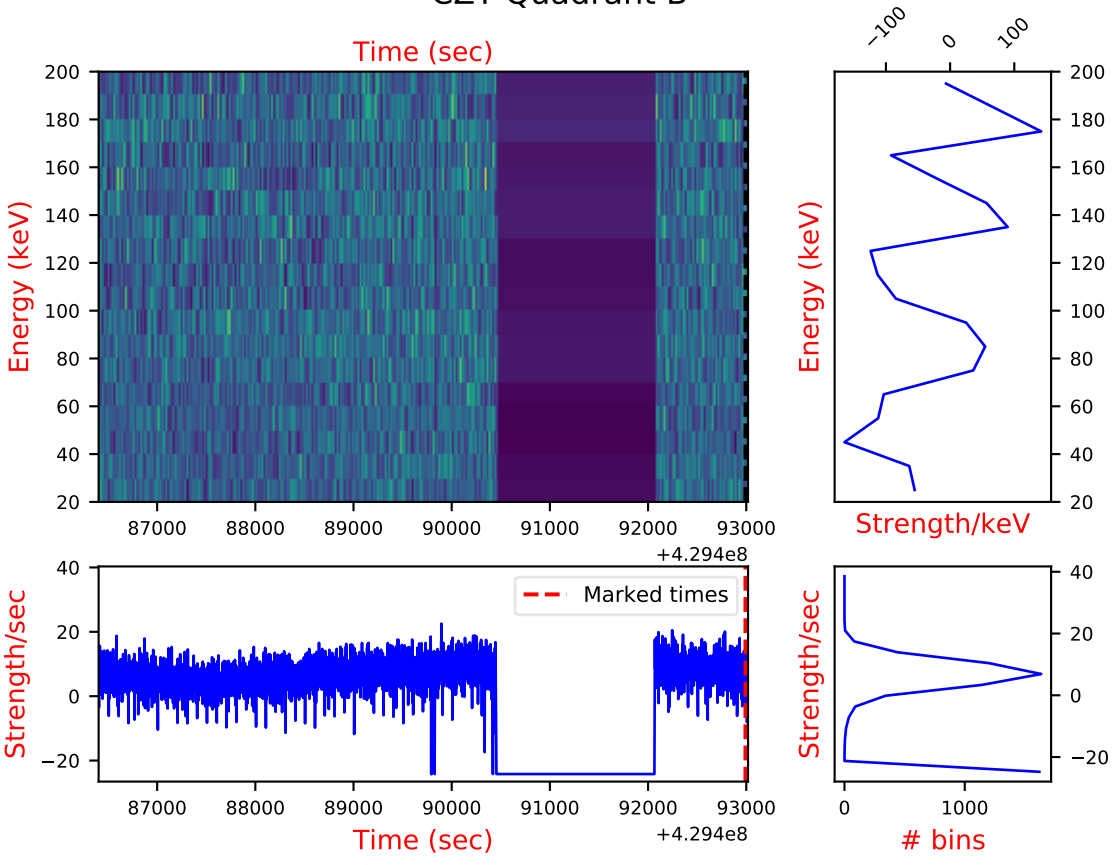

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
87000
88000
89000
90000
91000
92000
93000
−1000
−500
0
Excess counts/keV
+4.294e8
Marked times
Excess counts/sec
100
50
0
−50
bins
1000

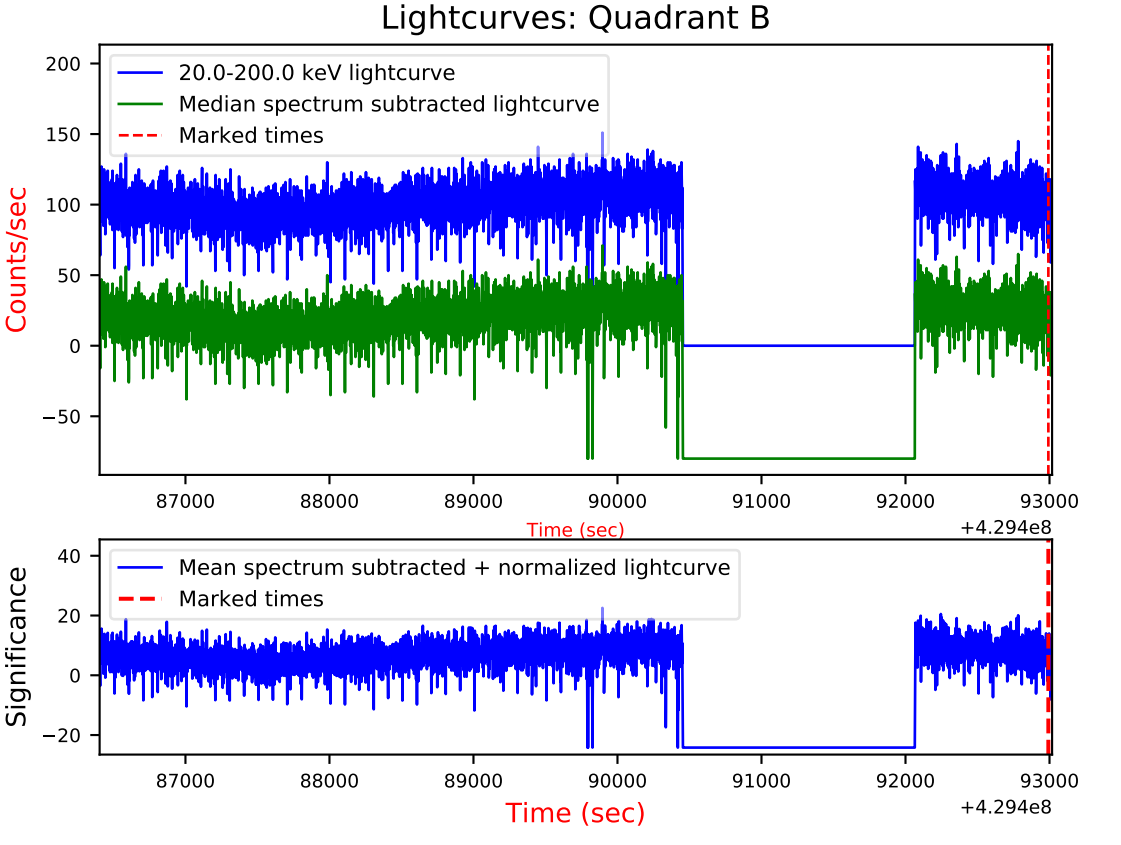

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
87000
88000
89000
90000
91000
92000
93000
+4.294e8
0
200
Strength/keV
Strength/sec
40
20
0
−20
Marked times
Time (sec)
bins
1000

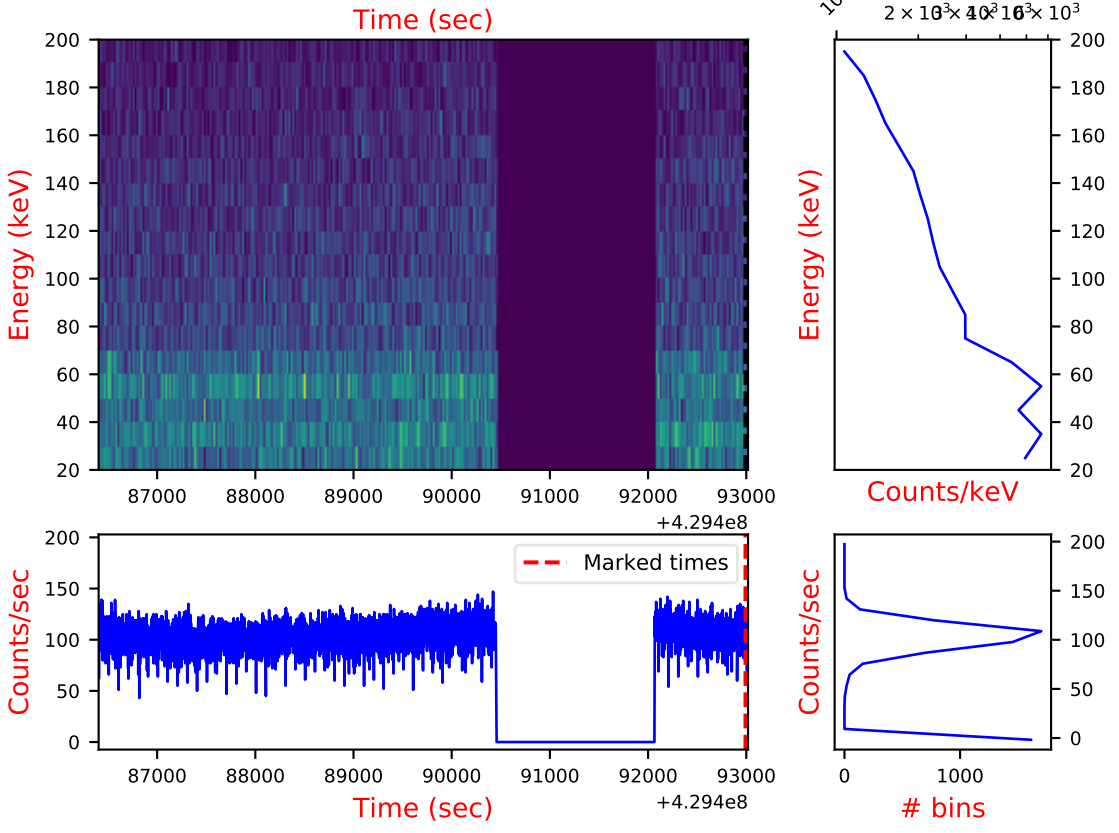

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
87000
88000
89000
90000
91000
92000
93000
Time (sec)
+4.294e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
87000
88000
89000
90000
91000
92000
93000
Time (sec)
+4.294e8

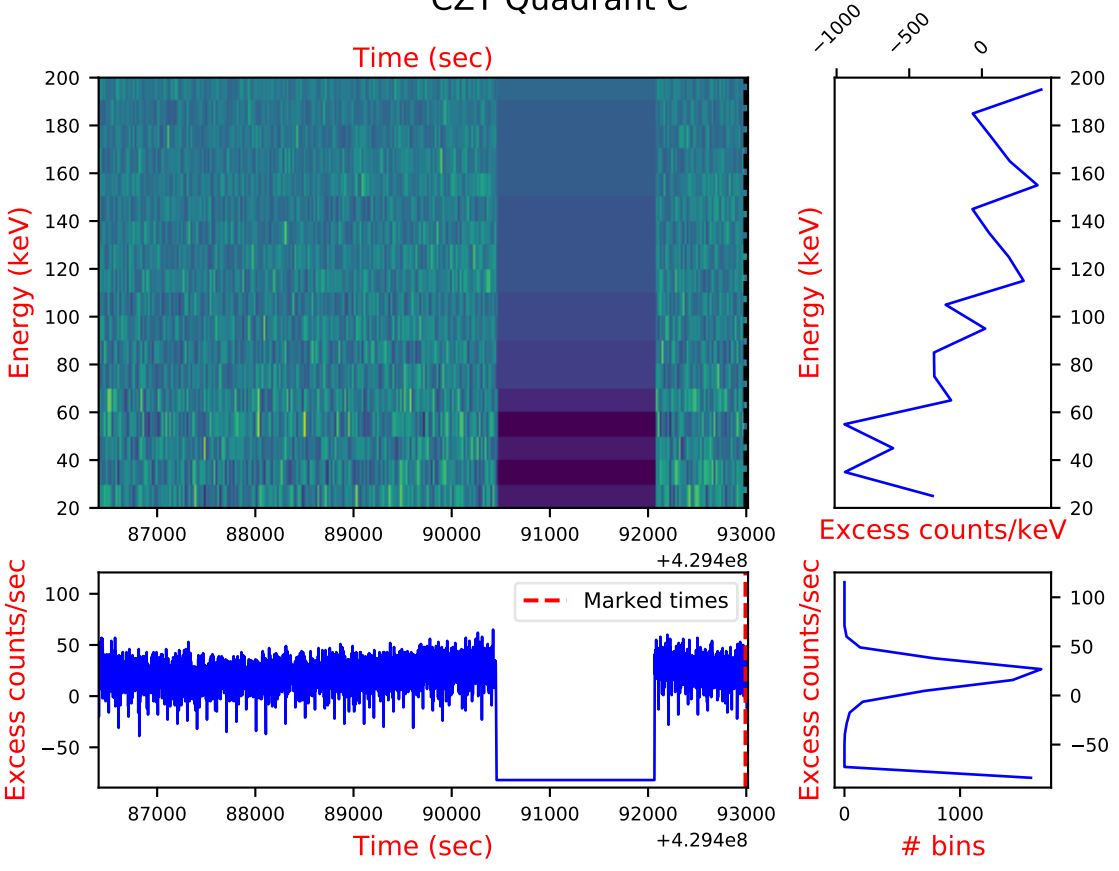

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
87000
88000
89000
90000
91000
92000
93000
2 × 10^3
3 × 10^3
4 × 10^3
Energy (keV)
Counts/keV
+4.294e8
Marked times
Counts/sec
150
50
0
Time (sec)
+4.294e8
Counts/sec
1000
bins

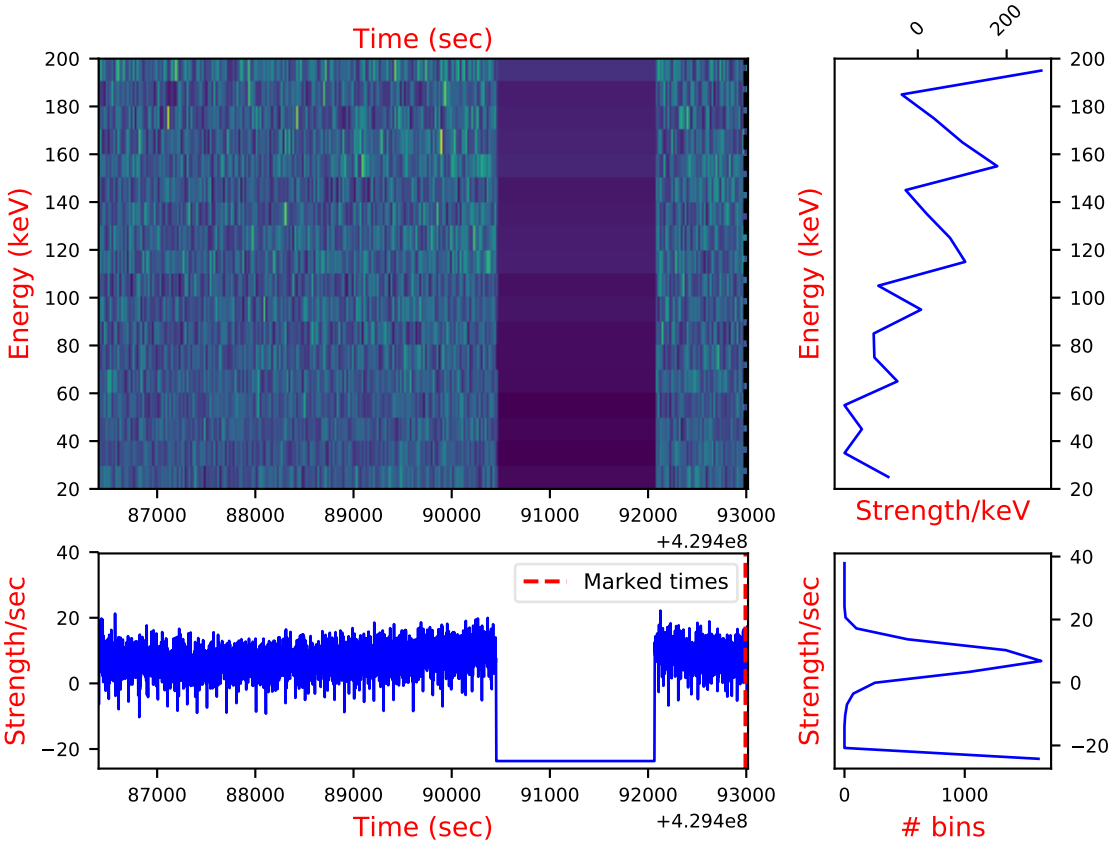

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
87000
88000
89000
90000
91000
92000
93000
−500
0
Excess counts/keV
+4.294e8
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins
1000

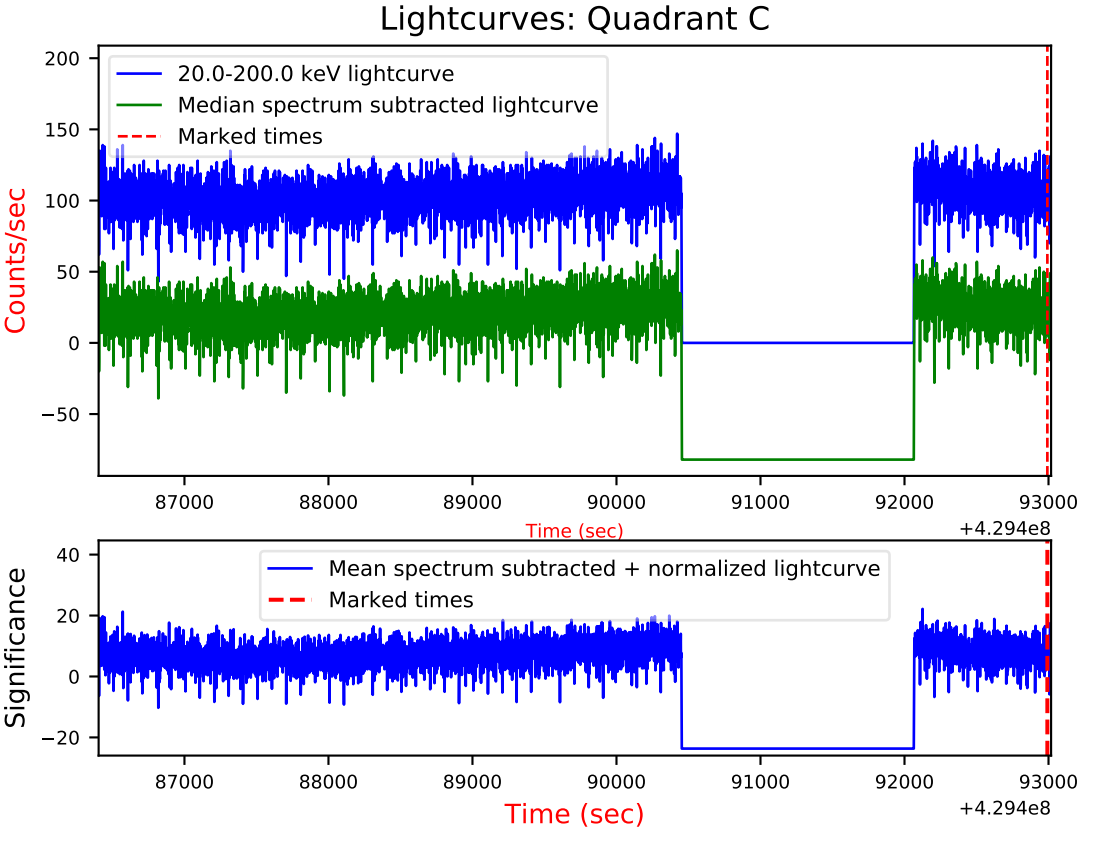

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
87000
88000
89000
90000
91000
92000
93000
−100
0
100
Strength/keV
+4.294e8
Strength/sec
Marked times
40
20
0
−20
Time (sec)
bins
1000

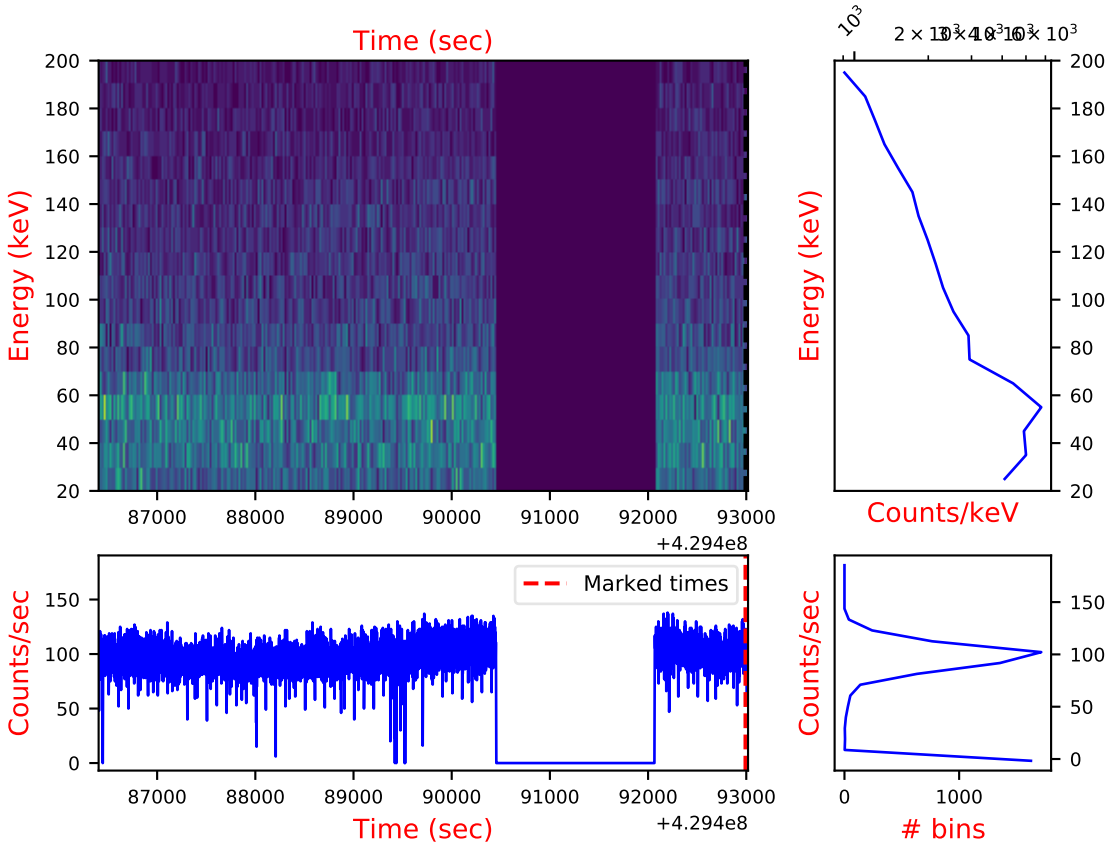

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
87000
88000
89000
90000
91000
92000
93000
Time (sec)
+4.294e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
87000
88000
89000
90000
91000
92000
93000
Time (sec)
+4.294e8

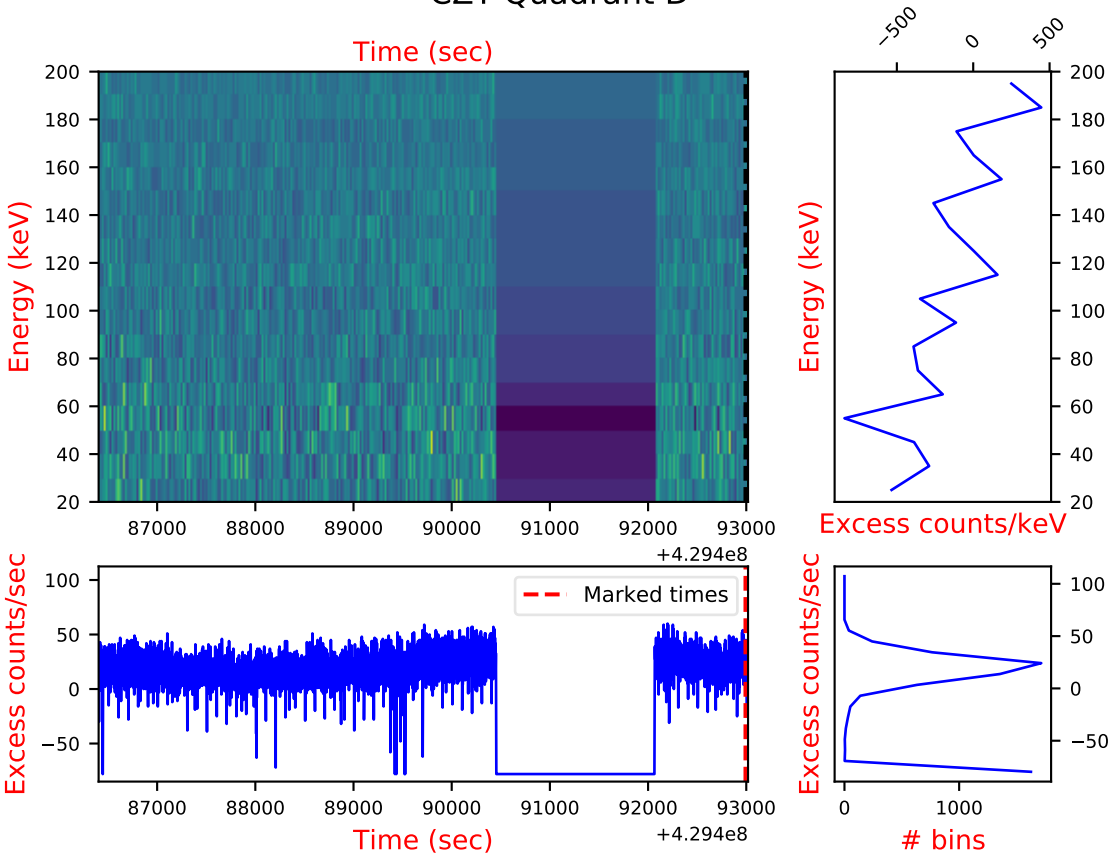

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
87000
88000
89000
90000
91000
92000
93000
10^3
2×10^3
3×10^3
4×10^3
5×10^3
6×10^3
Energy (keV)
Counts/keV
+4.294e8
Counts/sec
Marked times
150
50
0
Time (sec)
+4.294e8
Counts/sec
1000
bins

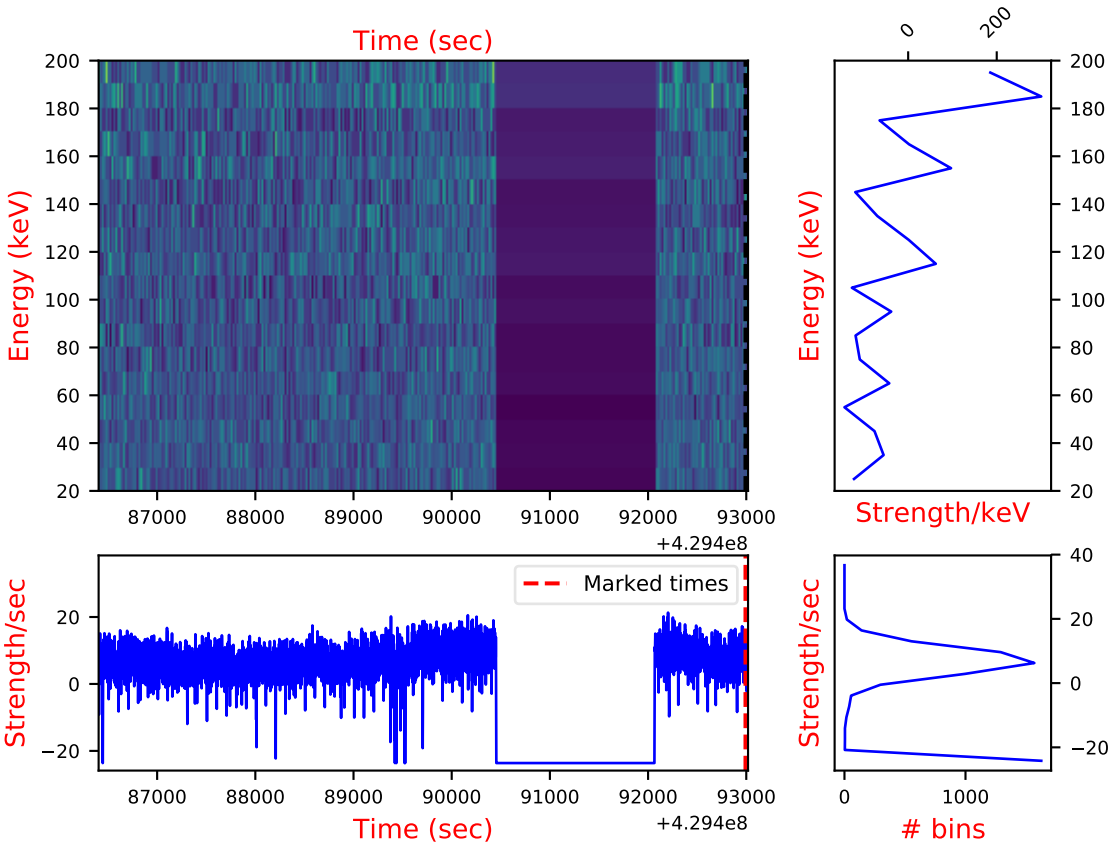

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
87000
88000
89000
90000
91000
92000
93000
−1000
−500
0
Excess counts/keV
+4.294e8
Excess counts/sec
100
50
0
−50
Marked times
bins
1000

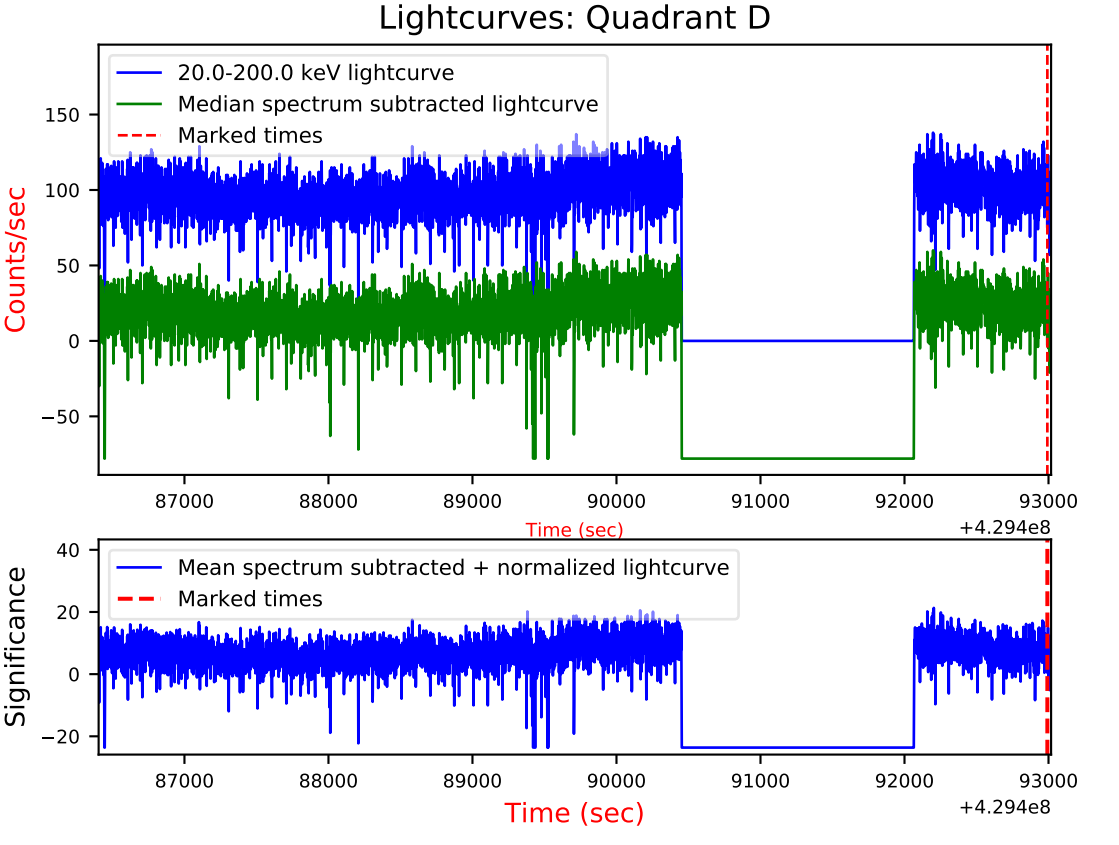

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
87000
88000
89000
90000
91000
92000
93000
0
200
Energy (keV)
Strength/keV
+4.294e8
Strength/sec
40
20
0
−20
Marked times
Time (sec)
+4.294e8
Strength/sec
0
1000
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
87000
88000
89000
90000
91000
92000
93000
Time (sec)
+4.294e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
87000
88000
89000
90000
91000
92000
93000
Time (sec)
+4.294e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
87000
88000
89000
90000
91000
92000
93000
+4.294e8
Energy (keV)
Counts/keV
Counts/sec
Marked times
150
100
50
0
Time (sec)
+4.294e8
Counts/sec
bins
1000


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
87000
88000
89000
90000
91000
92000
93000
−500
0
500
Excess counts/keV
+4.294e8
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins
1000


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
87000
88000
89000
90000
91000
92000
93000
+4.294e8
0
200
Strength/keV
Strength/sec
Marked times
−20
0
20
40
1000
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
−50
87000
88000
89000
90000
91000
92000
93000
Time (sec)
+4.294e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
87000
88000
89000
90000
91000
92000
93000
Time (sec)
+4.294e8