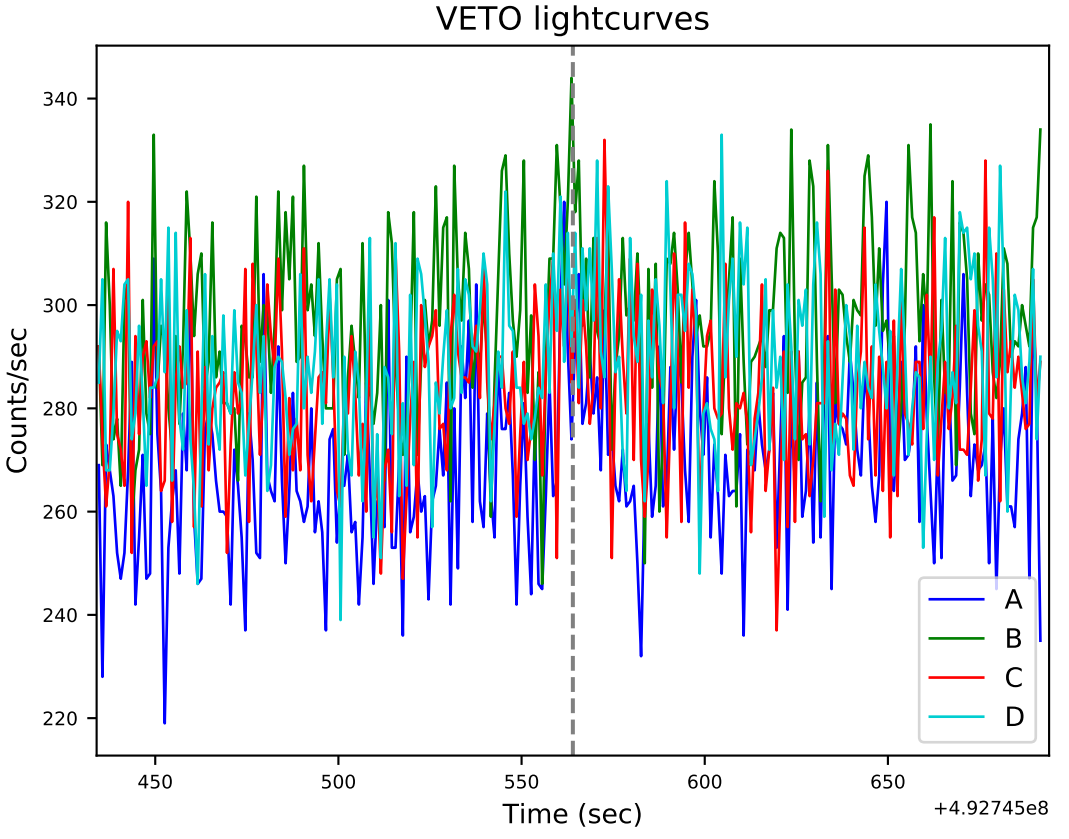
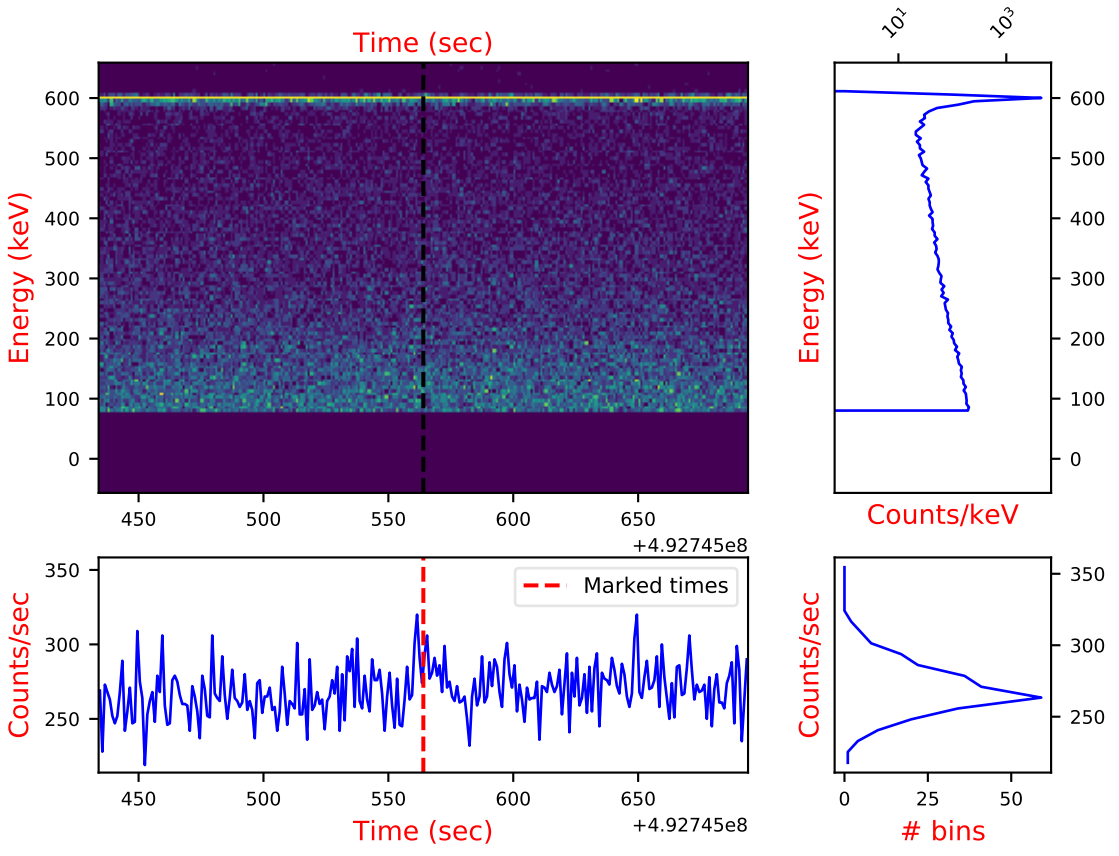
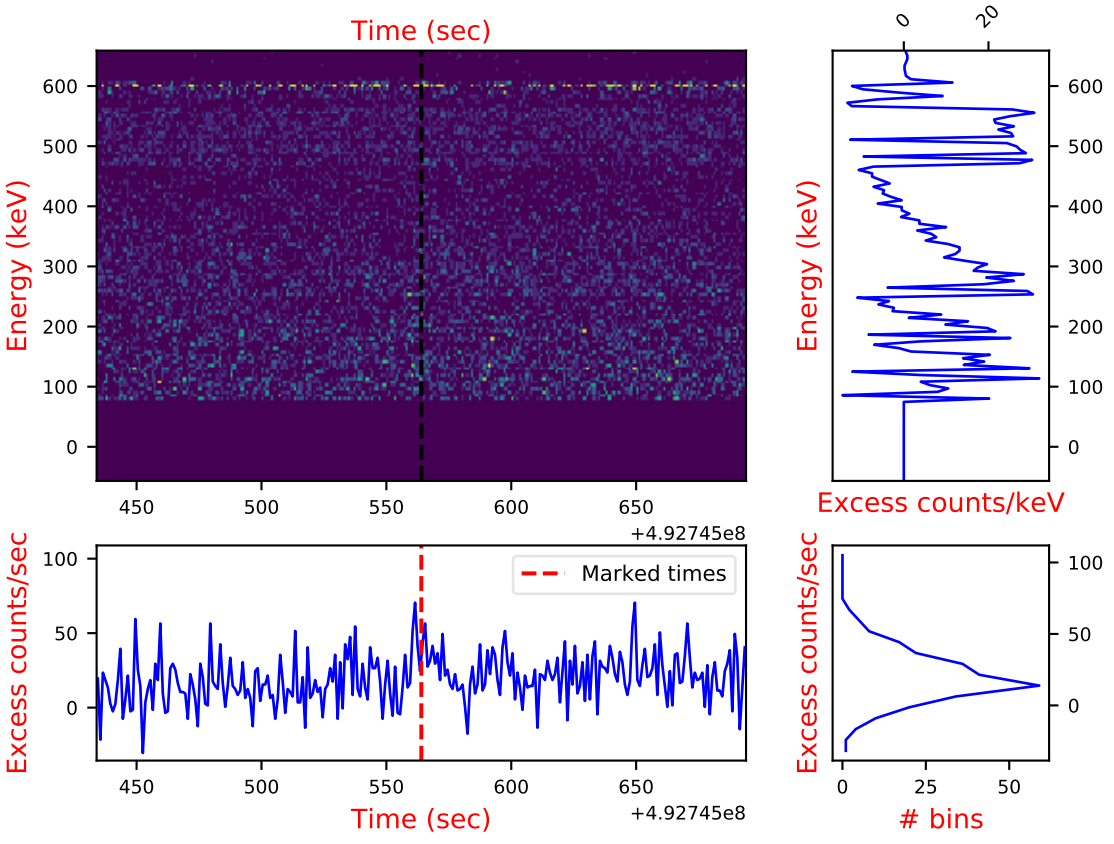
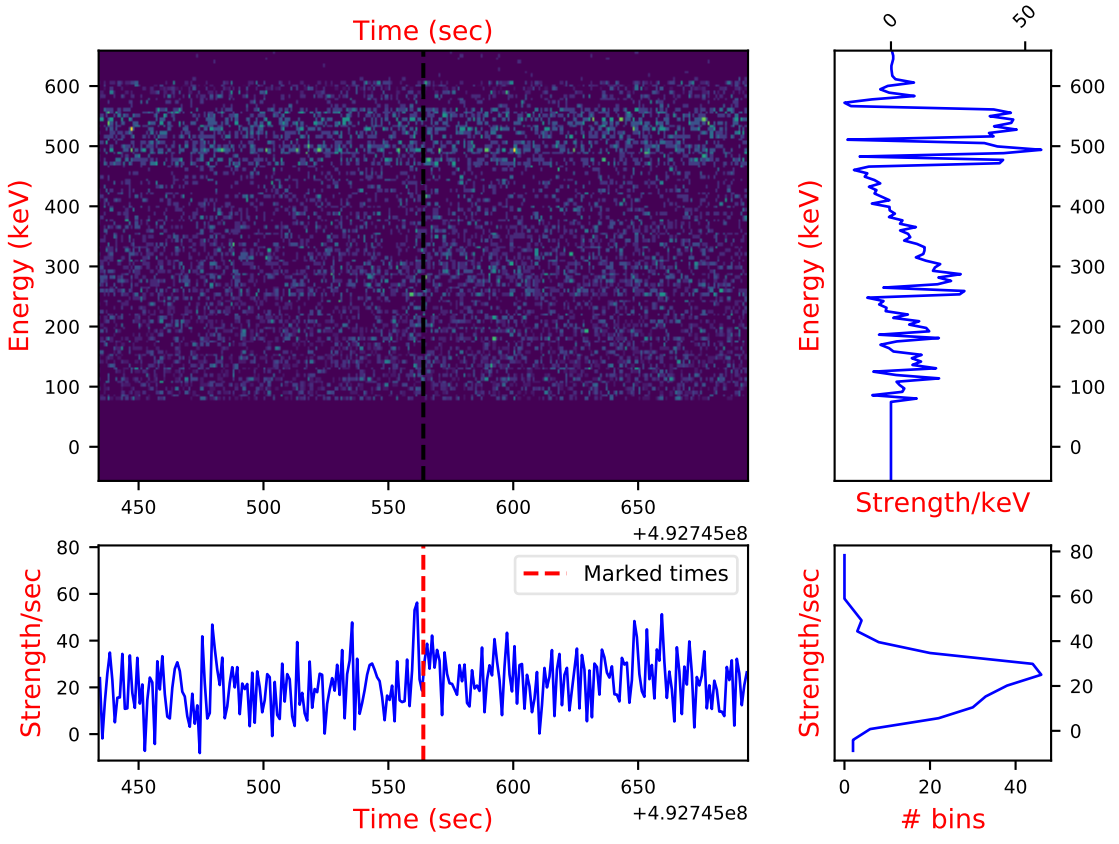
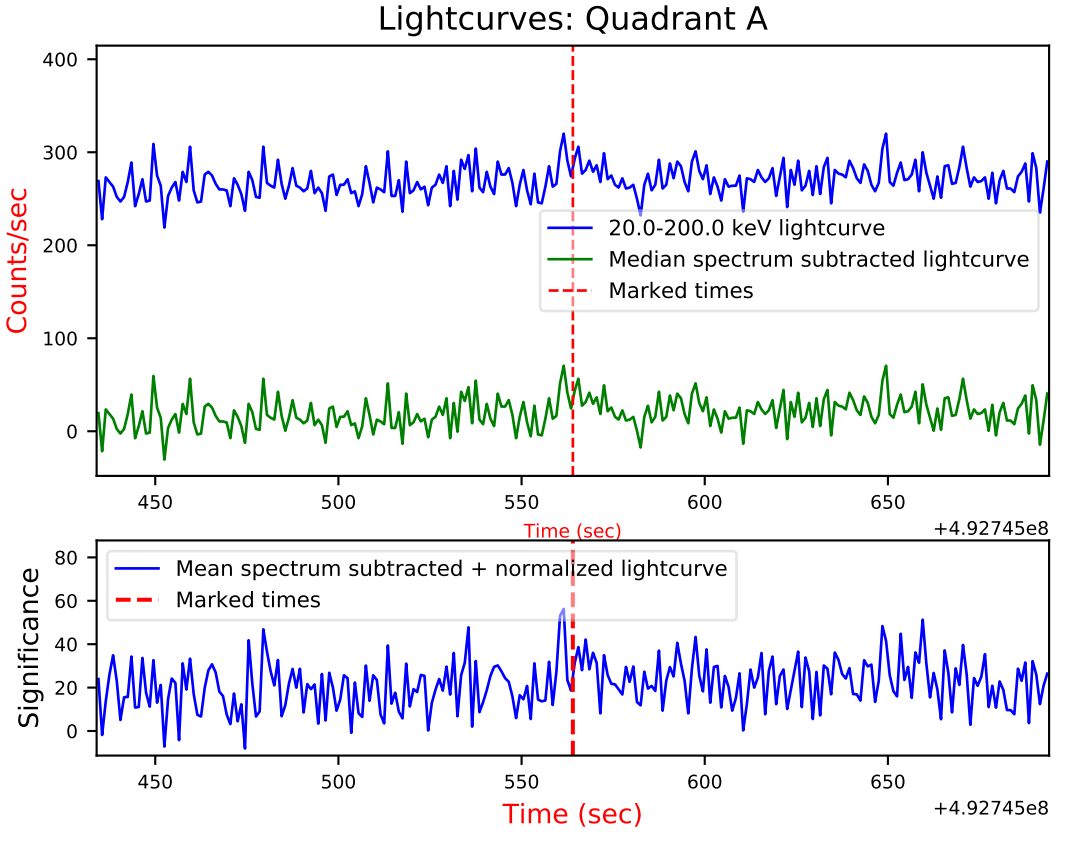
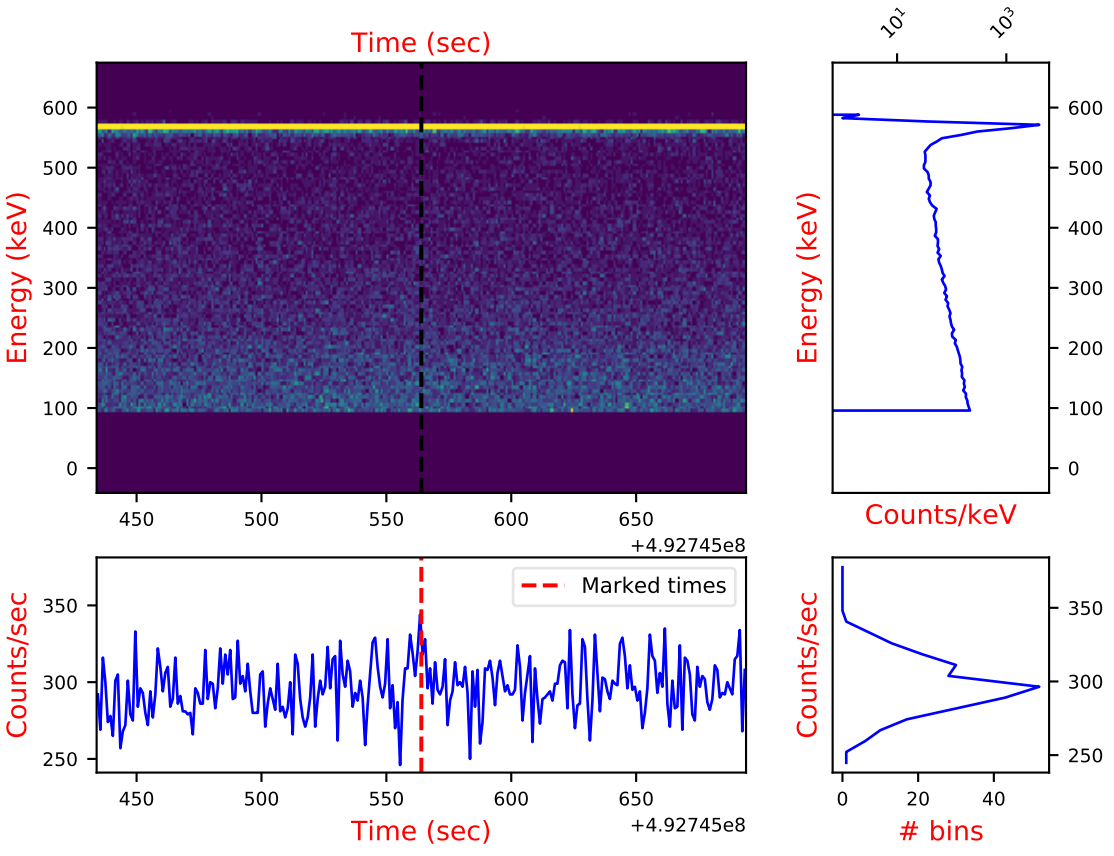

VETO lightcurves
Counts/sec
340
320
300
280
260
240
220
450
500
550
600
650
Time (sec)
+4.92745e8
A
B
C
D

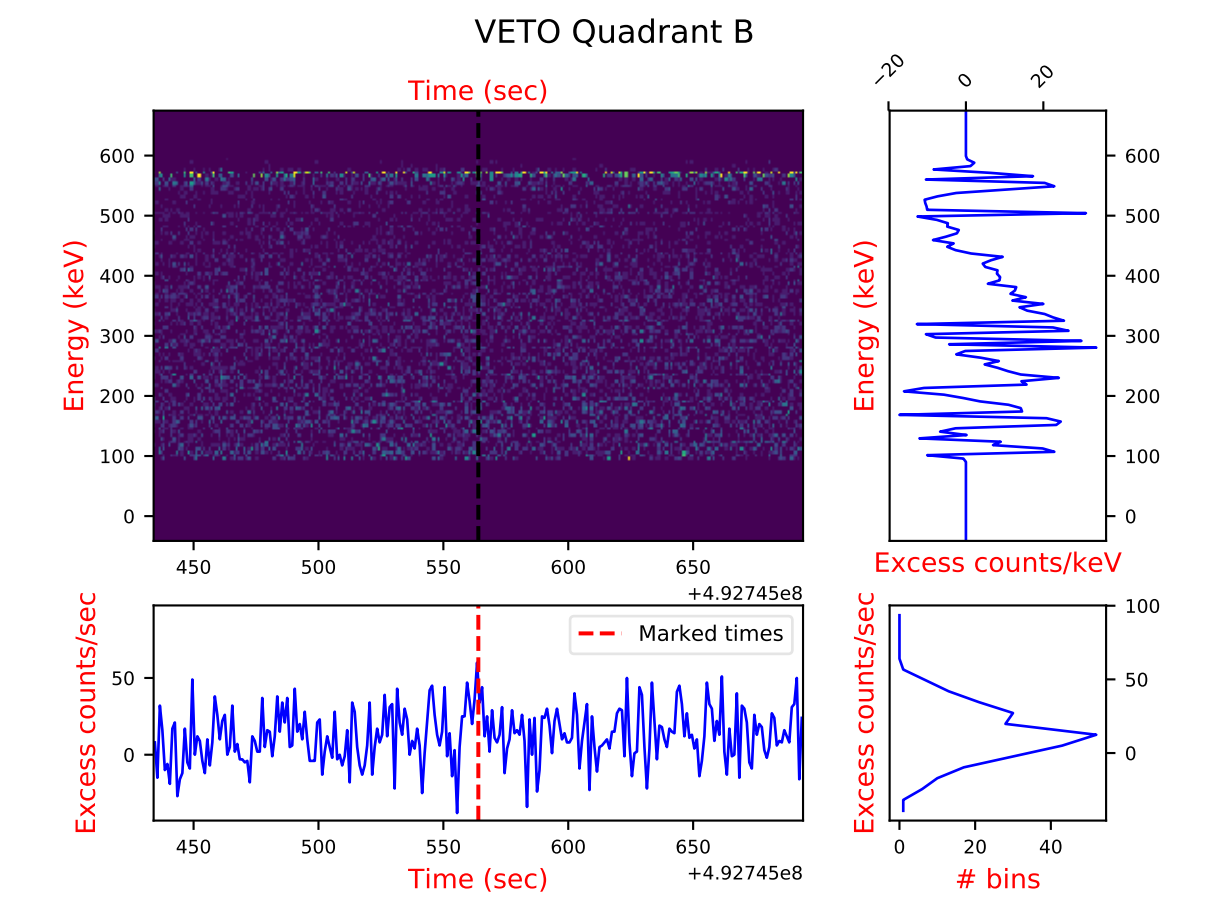

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
350
300
250
Marked times
Time (sec)
+4.92745e8
Counts/sec
0
25
50
bins


VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
0
20
Excess counts/keV
Excess counts/sec
100
50
0
Marked times
Time (sec)
25
50
bins

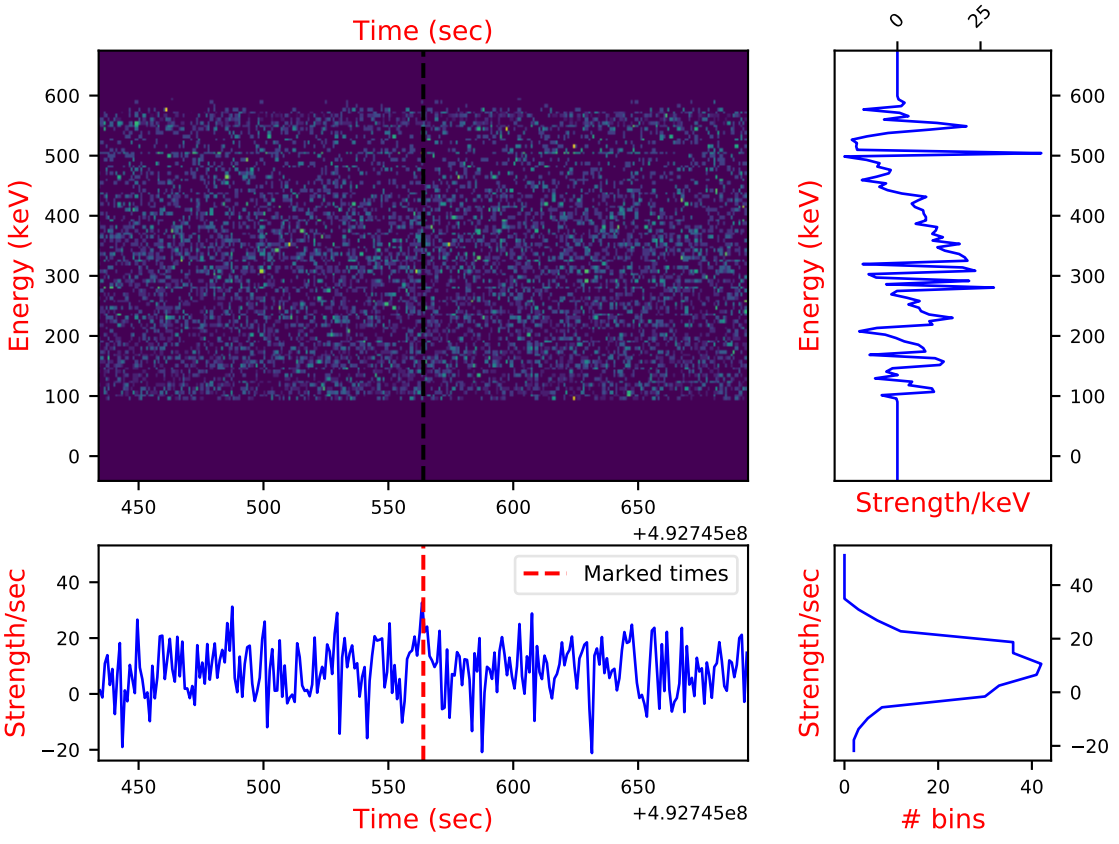

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
0
50
Energy (keV)
Strength/keV
Strength/sec
80
60
40
20
0
Marked times
Time (sec)
bins

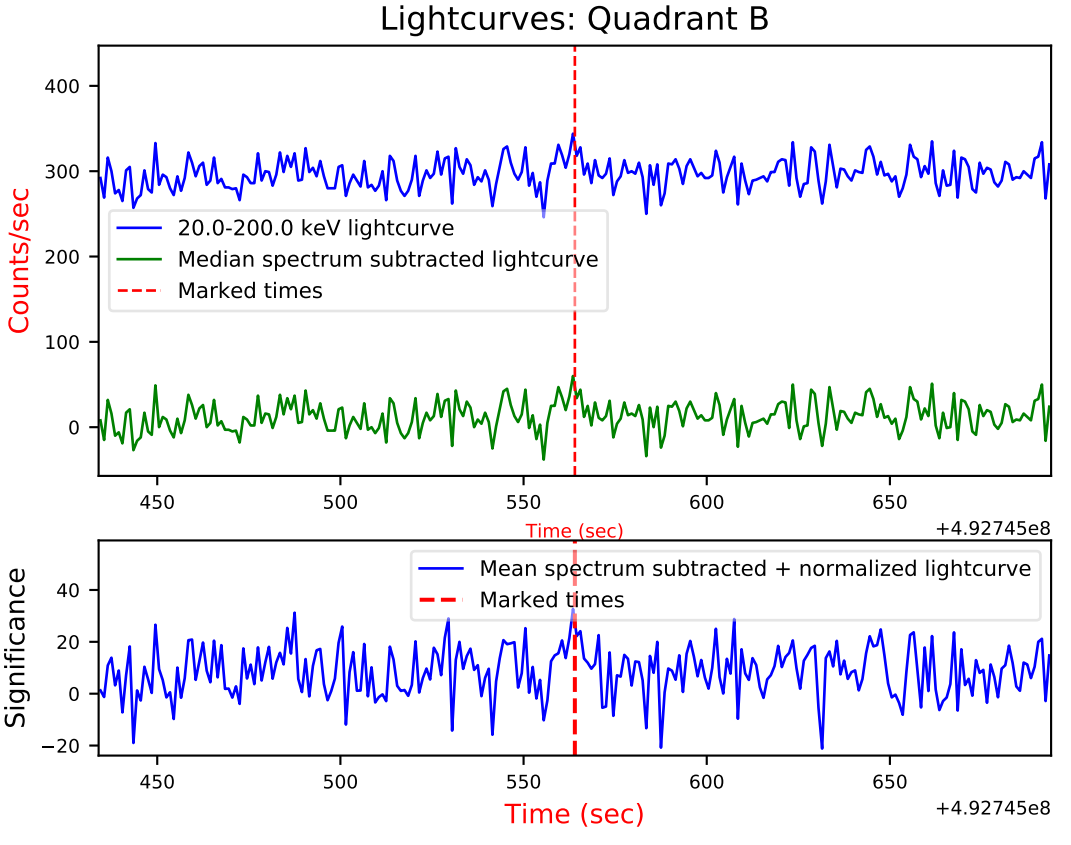

Lightcurves: Quadrant A
Counts/sec
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
450
500
550
600
650
Time (sec)
+4.92745e8
Significance
80
60
40
20
0
Mean spectrum subtracted + normalized lightcurve
Marked times
450
500
550
600
650
Time (sec)
+4.92745e8

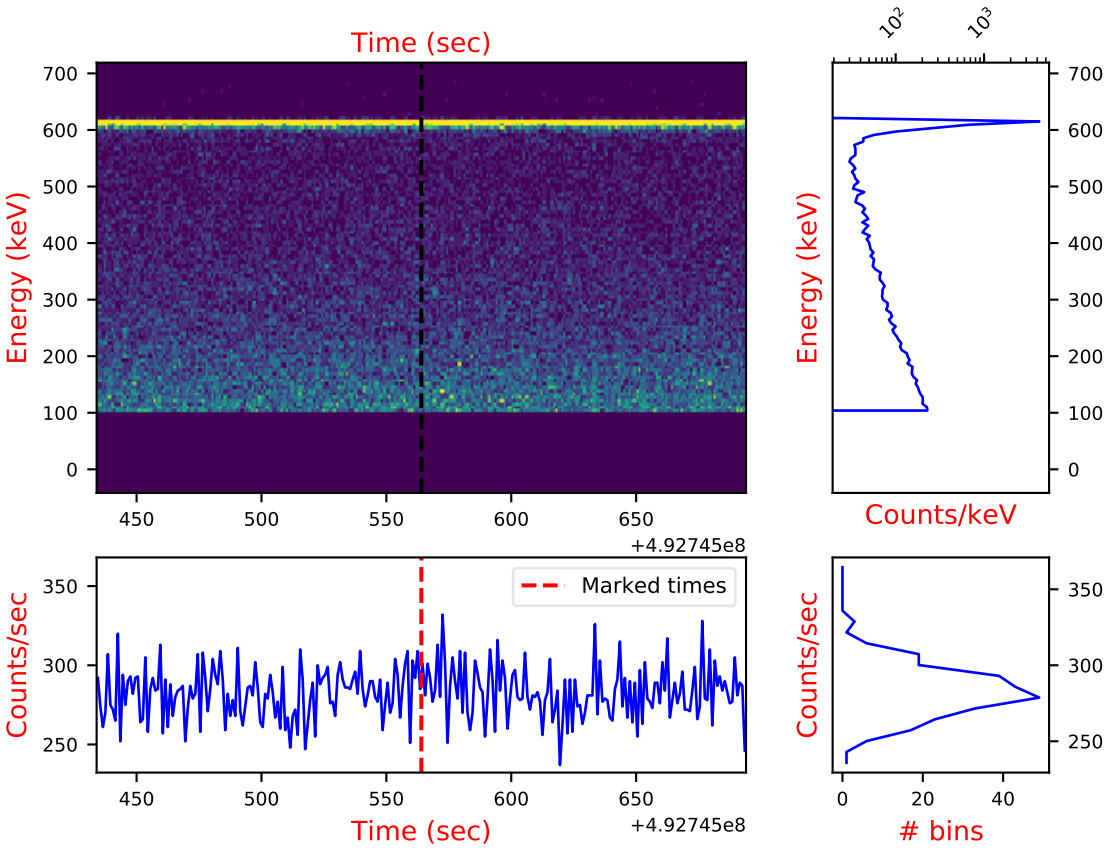

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
350
300
250
Marked times
Counts/sec
Time (sec)
+4.92745e8
0
20
40
bins

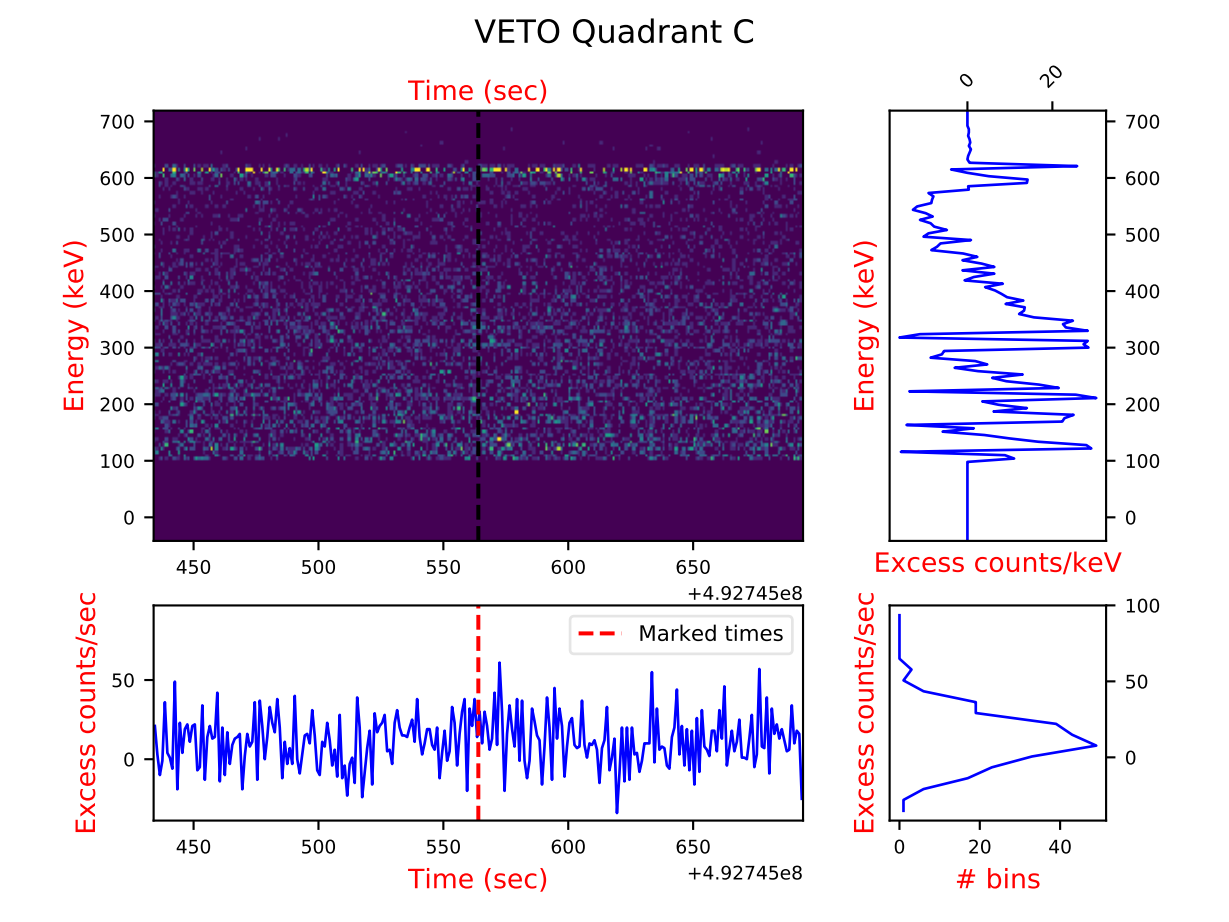


VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
−20
0
20
Excess counts/keV
Excess counts/sec
Marked times
50
0
Time (sec)
+4.92745e8
100
50
0
20
40
bins

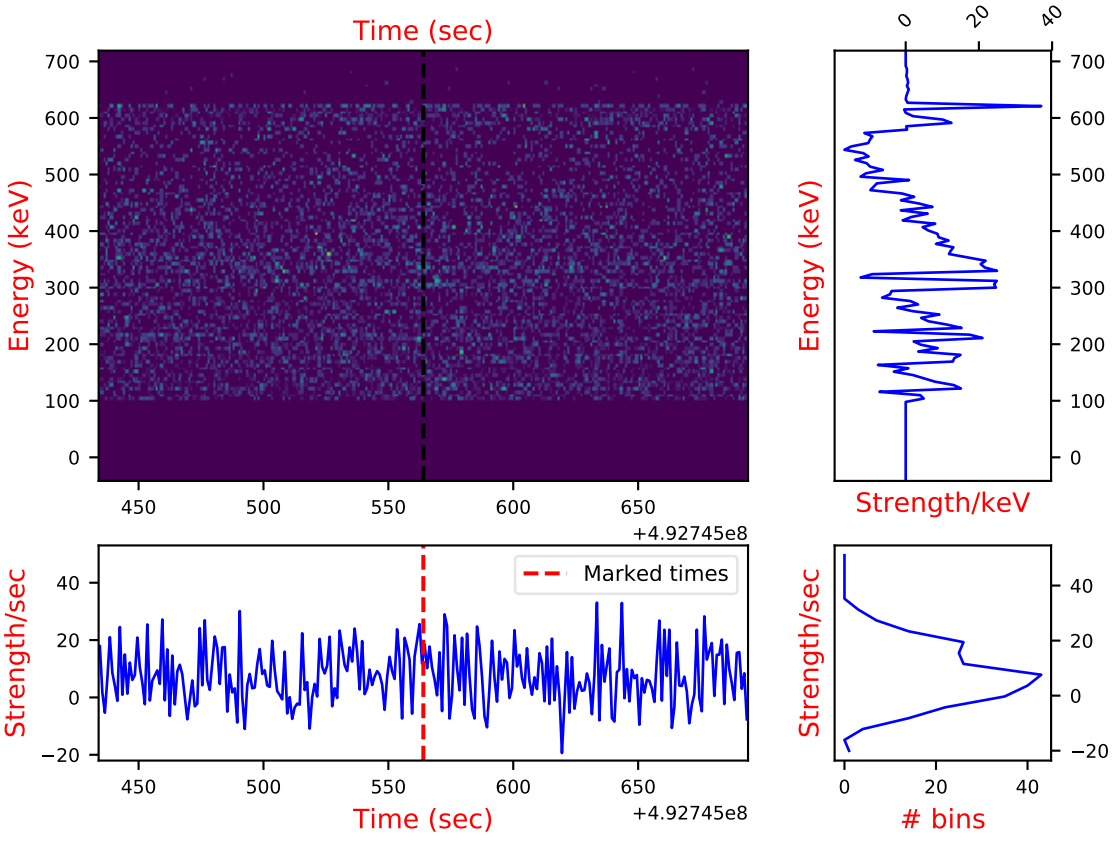

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
0
25
Energy (keV)
Strength/keV
Strength/sec
40
20
0
−20
Marked times
Time (sec)
bins

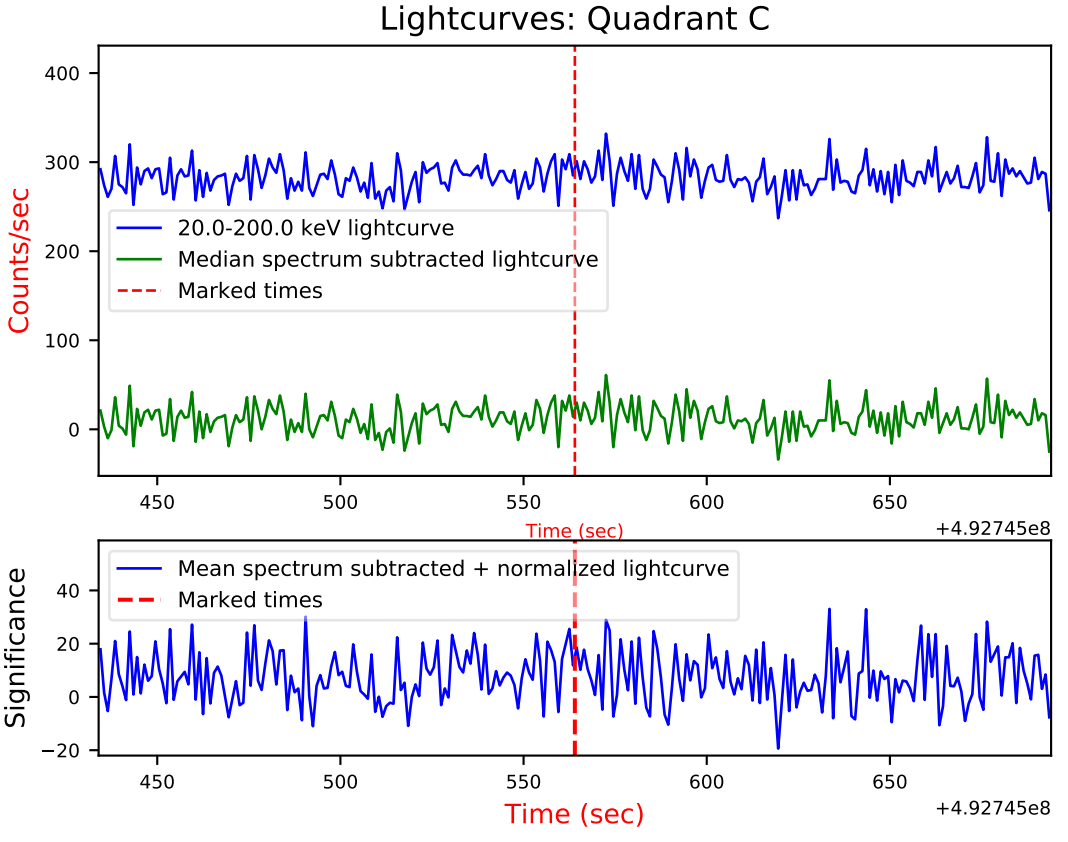

Lightcurves: Quadrant B
Counts/sec
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
450
500
550
600
650
Time (sec)
+4.92745e8
Significance
40
20
0
−20
Mean spectrum subtracted + normalized lightcurve
Marked times
450
500
550
600
650
Time (sec)
+4.92745e8

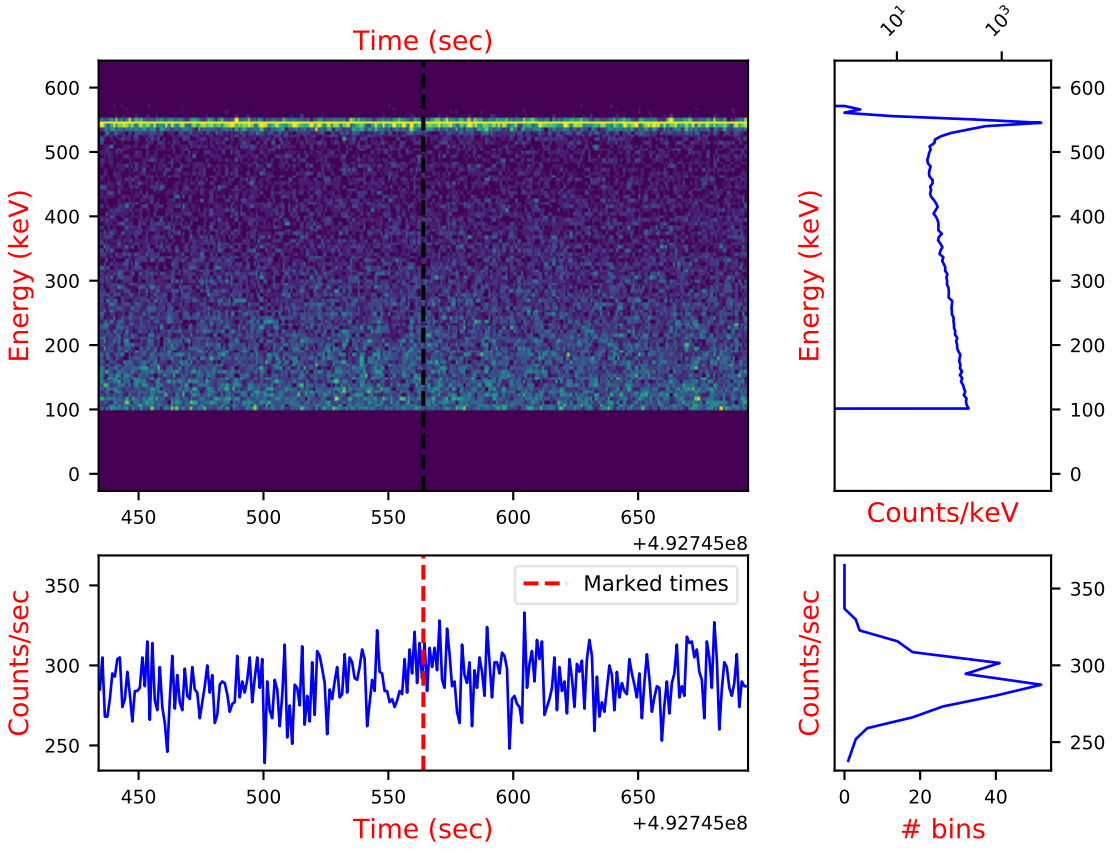

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
10^2
10^3
Counts/keV
Counts/sec
350
300
250
Marked times
Time (sec)
bins
0
20
40

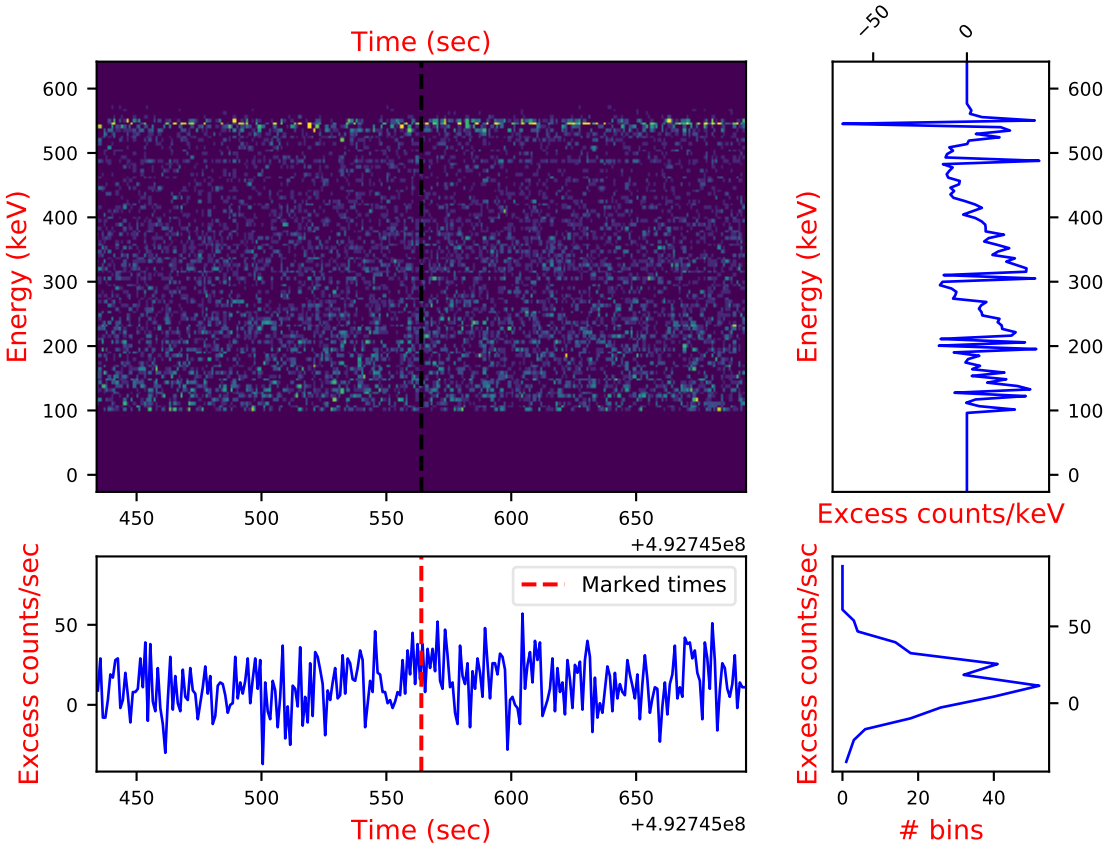


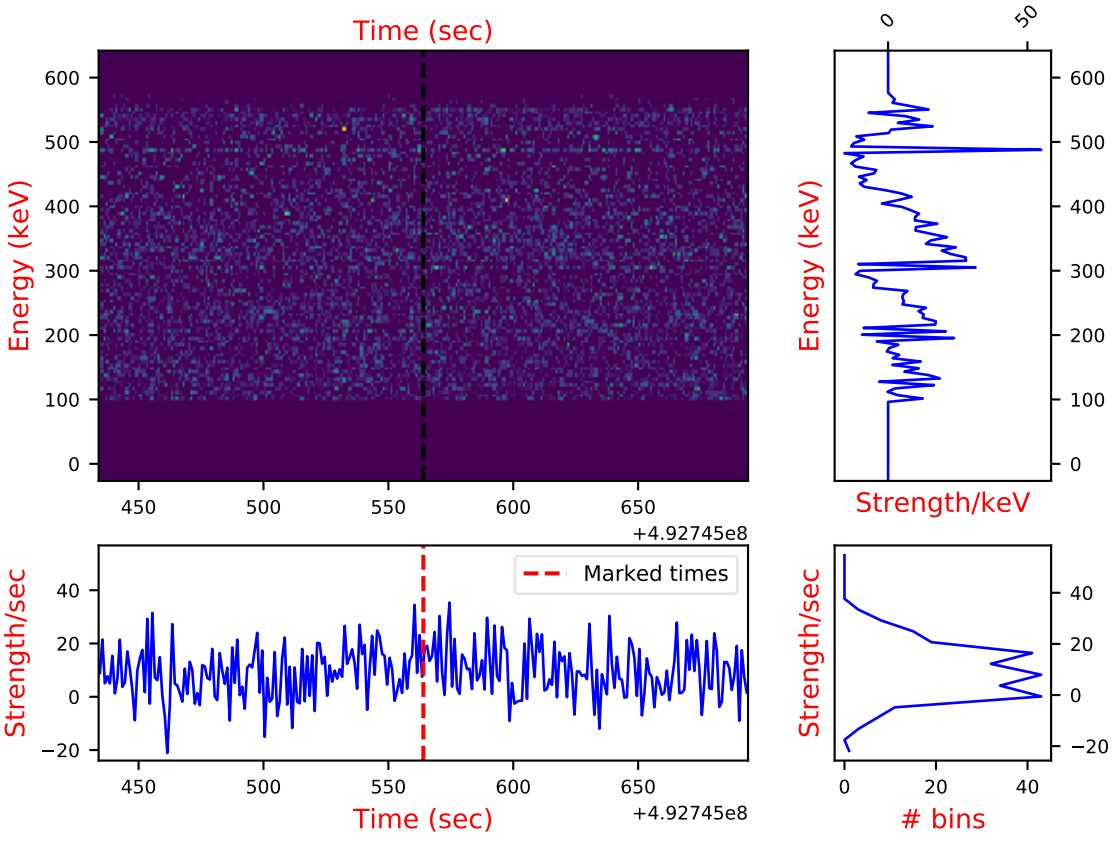
VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
Excess counts/keV
0
20
Excess counts/sec
Marked times
50
0
Time (sec)
bins
100
40

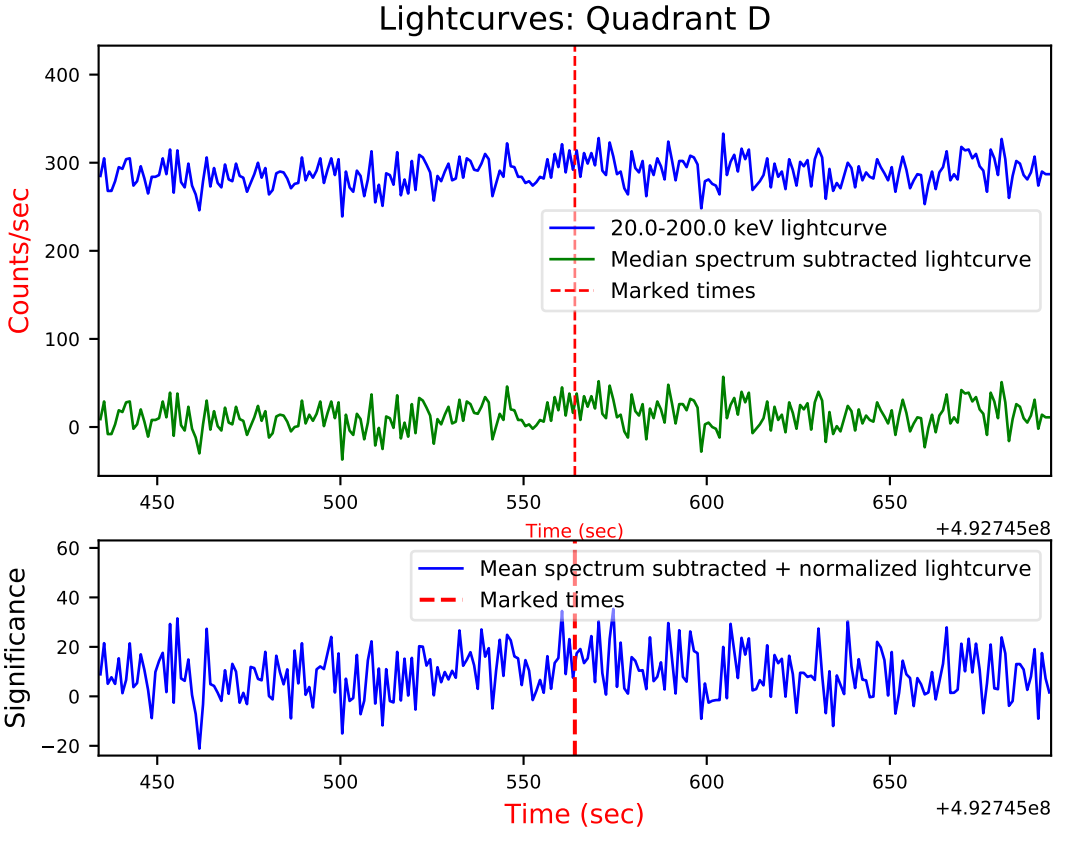

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
0
20
40
Energy (keV)
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
bins


Lightcurves: Quadrant C
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
400
300
200
100
0
450
500
550
600
650
Time (sec)
+4.92745e8
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
40
20
0
−20
450
500
550
600
650
Time (sec)
+4.92745e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
350
300
250
Marked times
Time (sec)
+4.92745e8
Counts/sec
0
20
40
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
−50
0
Excess counts/keV
Excess counts/sec
Marked times
50
0
+4.92745e8
bins
20
40


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
450
500
550
600
650
+4.92745e8
0
50
Energy (keV)
Strength/keV
Strength/sec
40
20
0
−20
Marked times
Time (sec)
bins


Lightcurves: Quadrant D
Counts/sec
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
450
500
550
600
650
Time (sec)
+4.92745e8
Significance
60
40
20
0
−20
Mean spectrum subtracted + normalized lightcurve
Marked times
450
500
550
600
650
Time (sec)
+4.92745e8