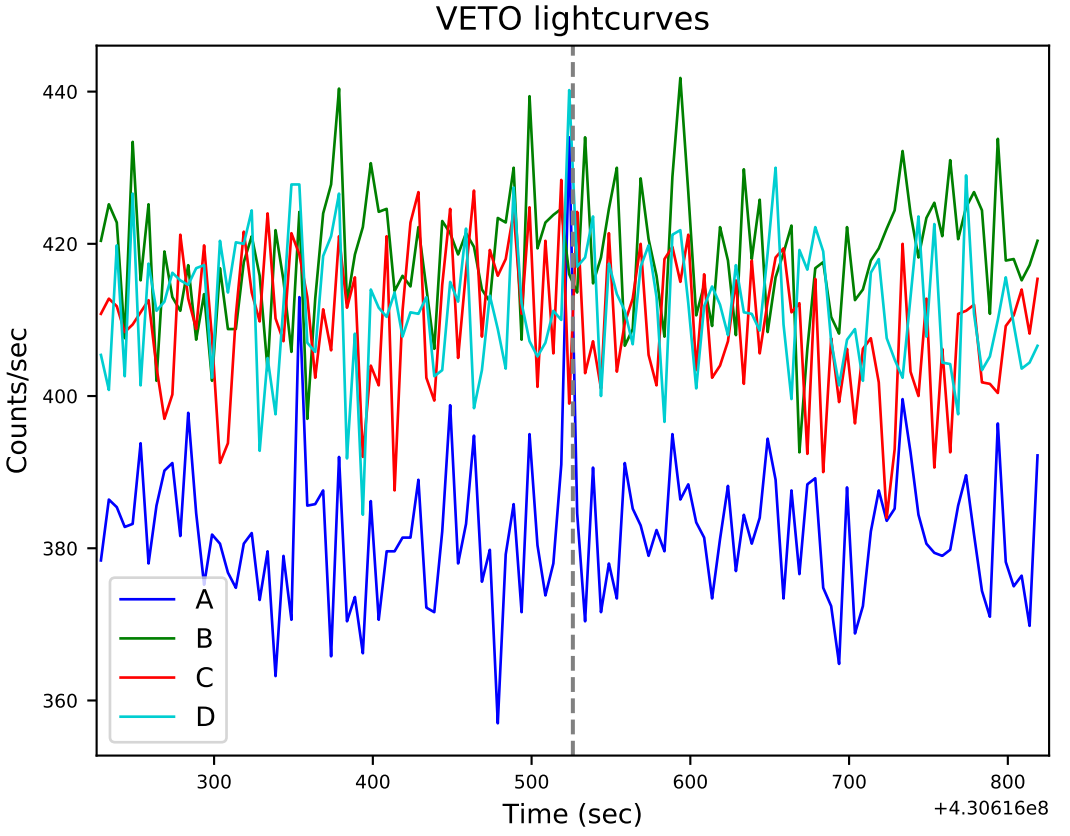
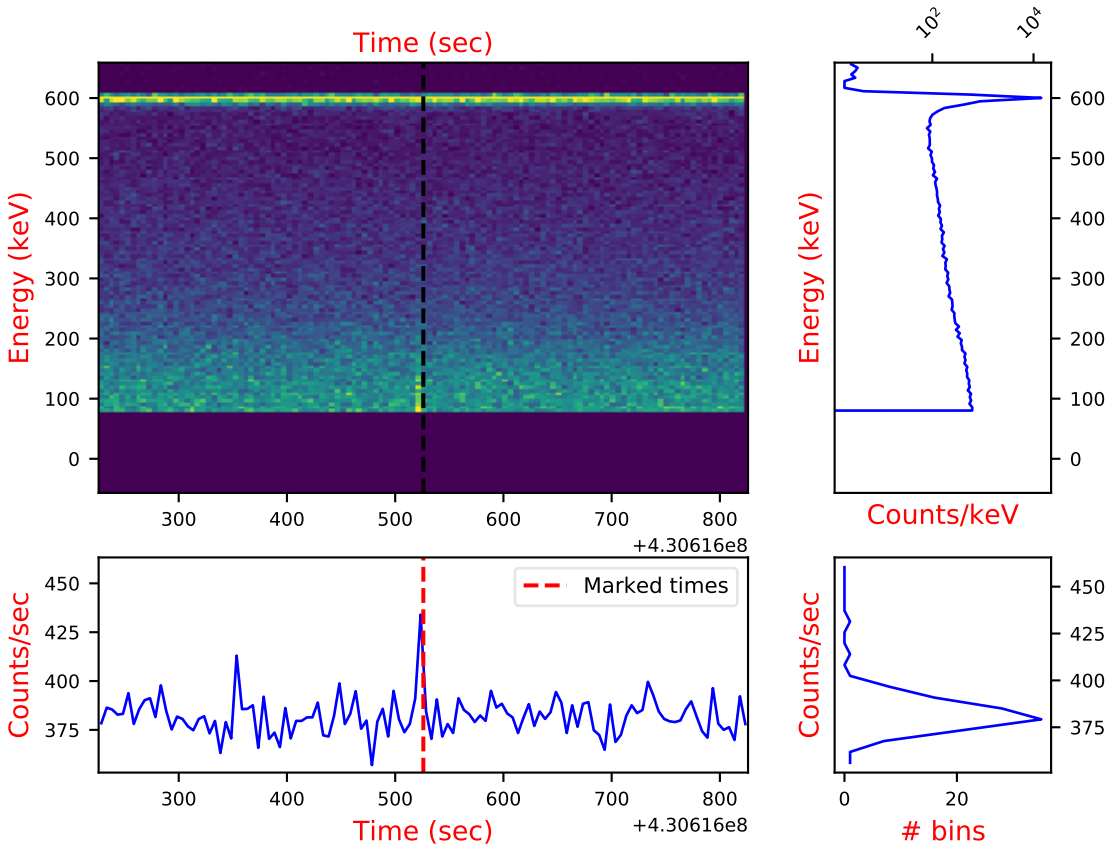
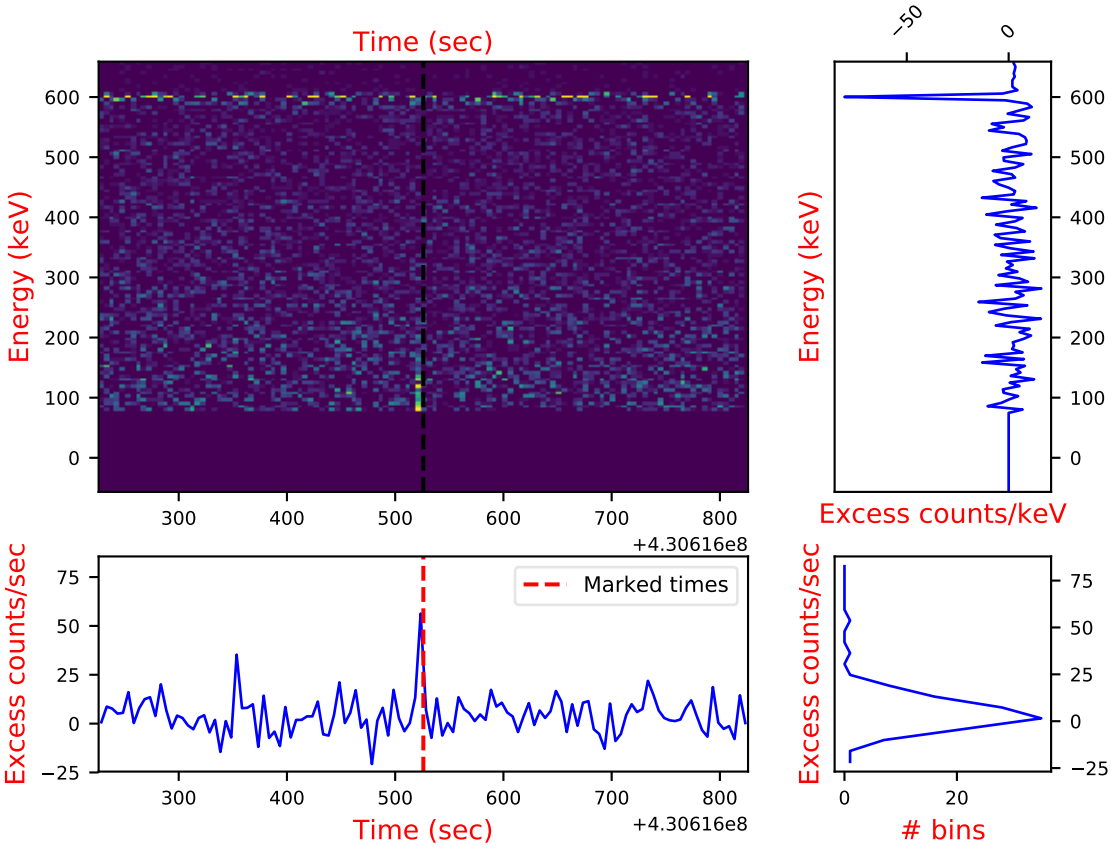
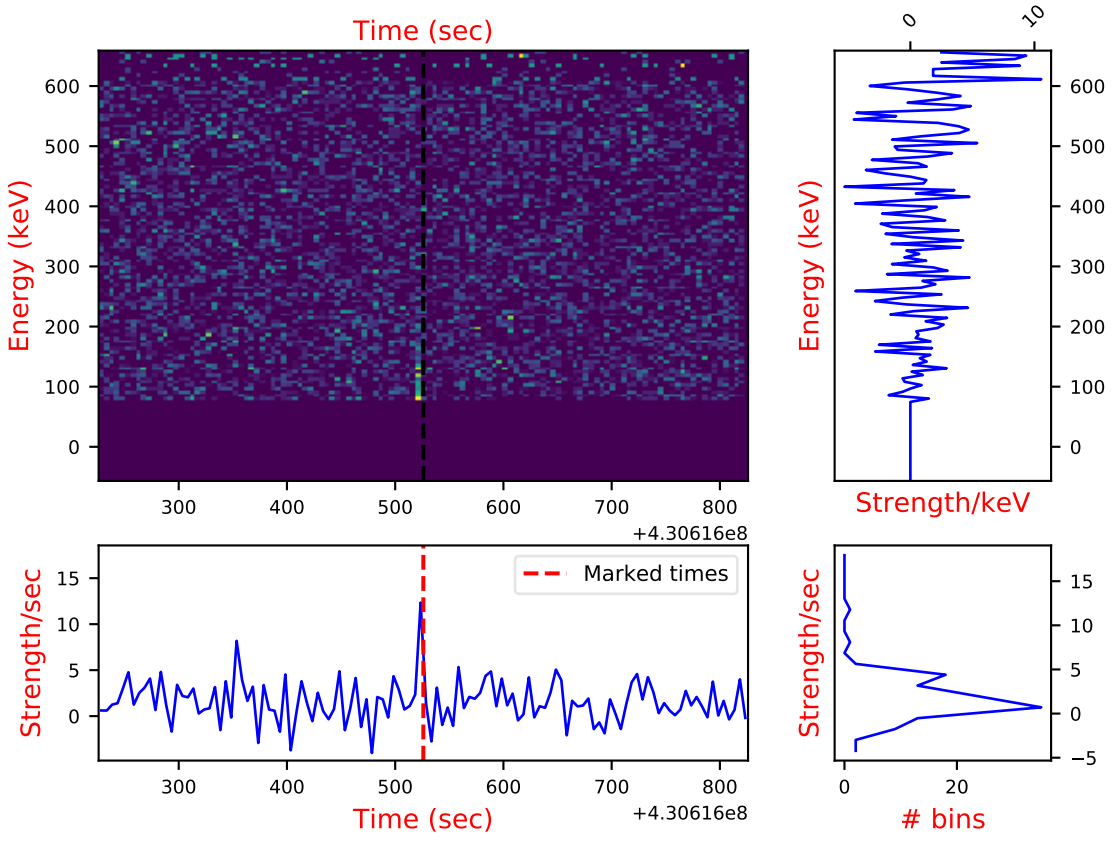
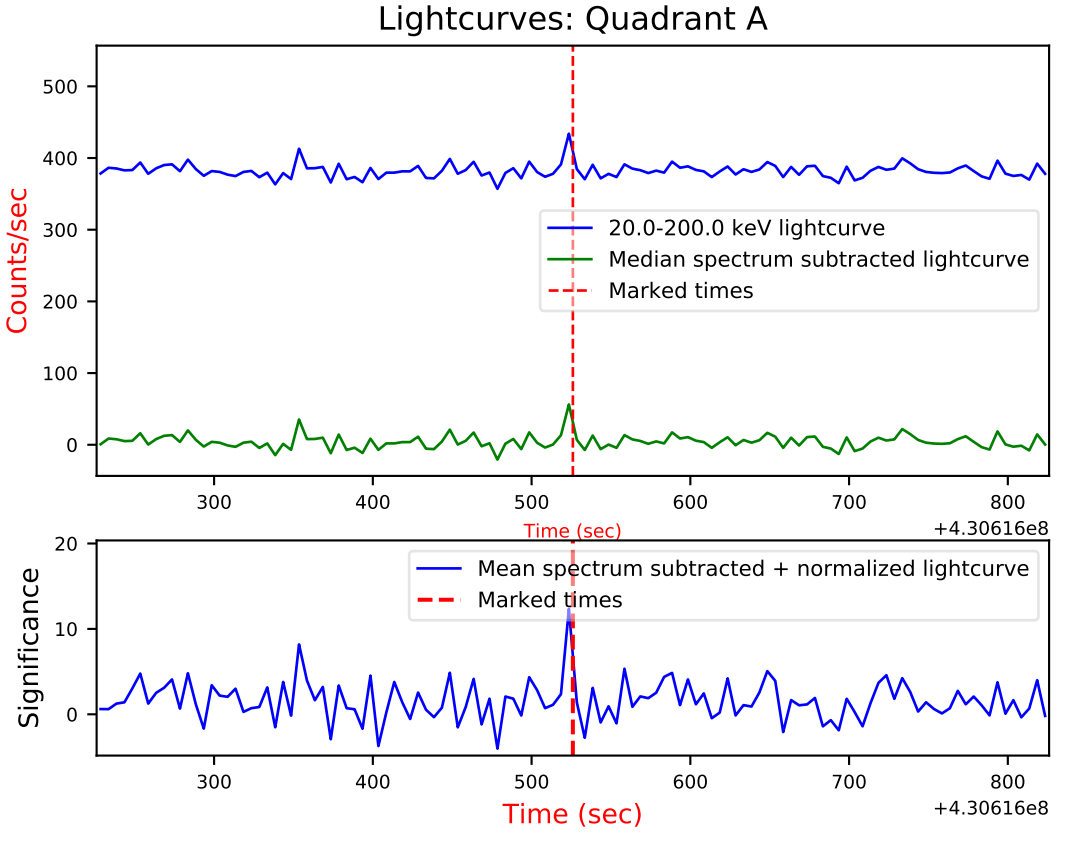
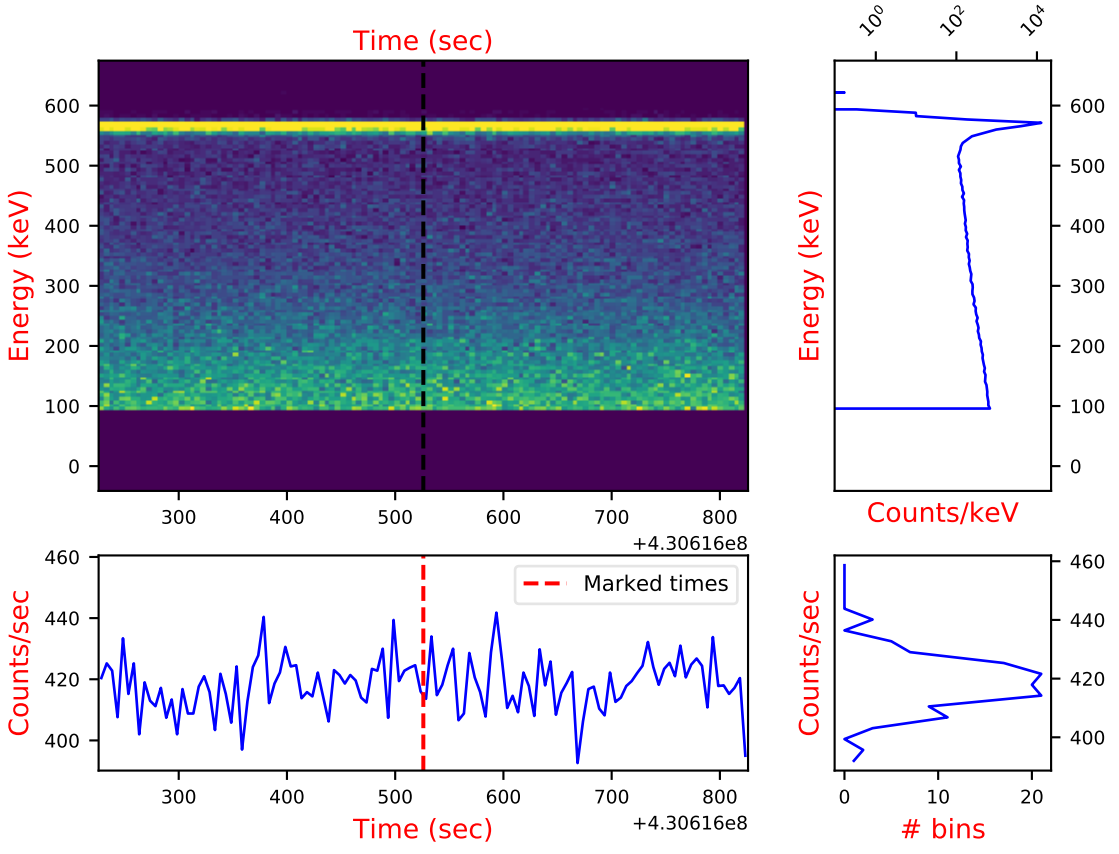

VETO lightcurves
Counts/sec
Time (sec)
+4.30616e8
A
B
C
D
440
420
400
380
360
300
400
500
600
700
800

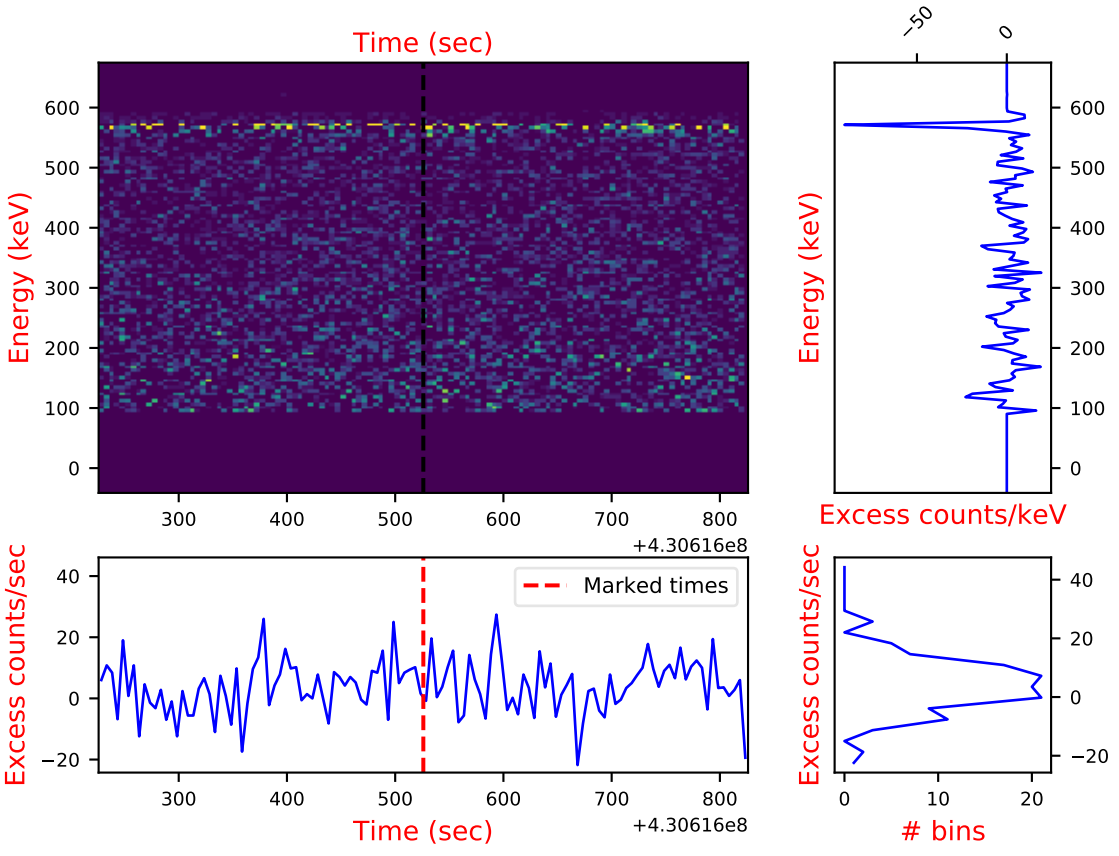

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
400
500
600
700
800
+4.30616e8
10^2
10^4
Counts/keV
Counts/sec
450
425
400
375
Marked times
Time (sec)
+4.30616e8
0
20
bins

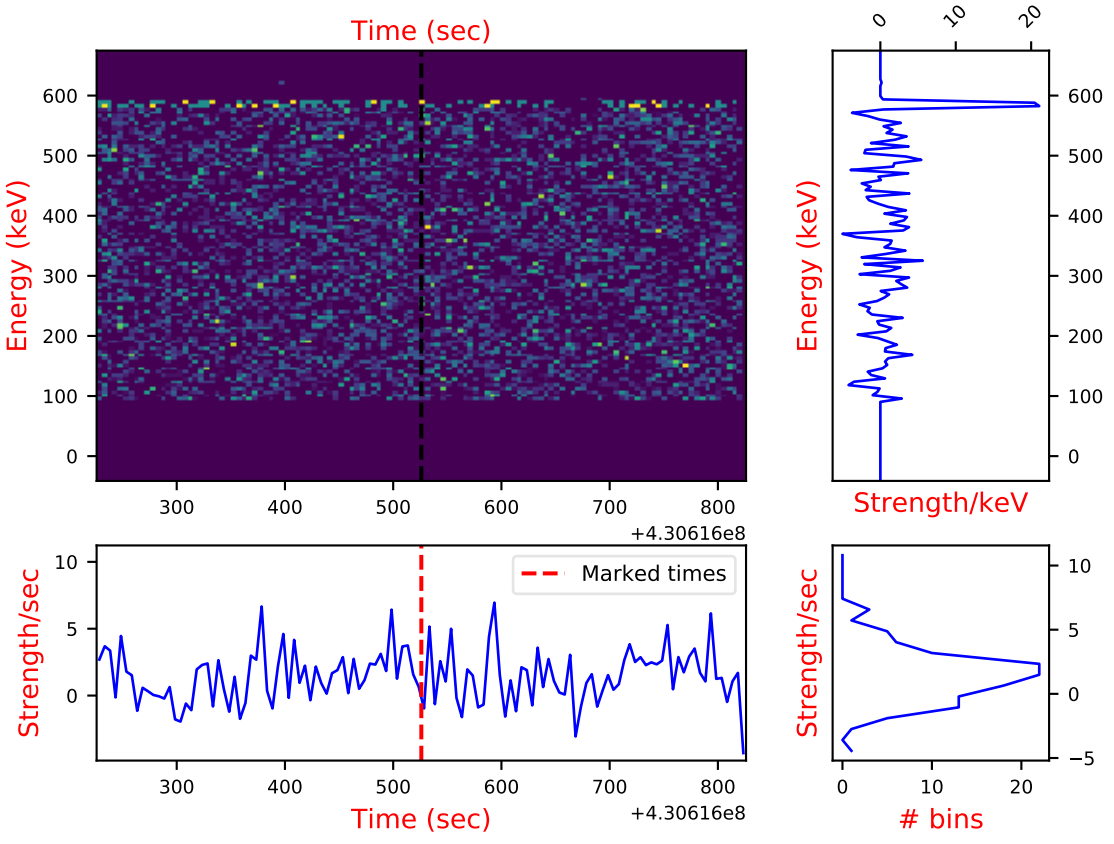

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
400
500
600
700
800
−50
0
Excess counts/keV
+4.30616e8
Excess counts/sec
75
50
25
0
−25
Marked times
Time (sec)
bins
20

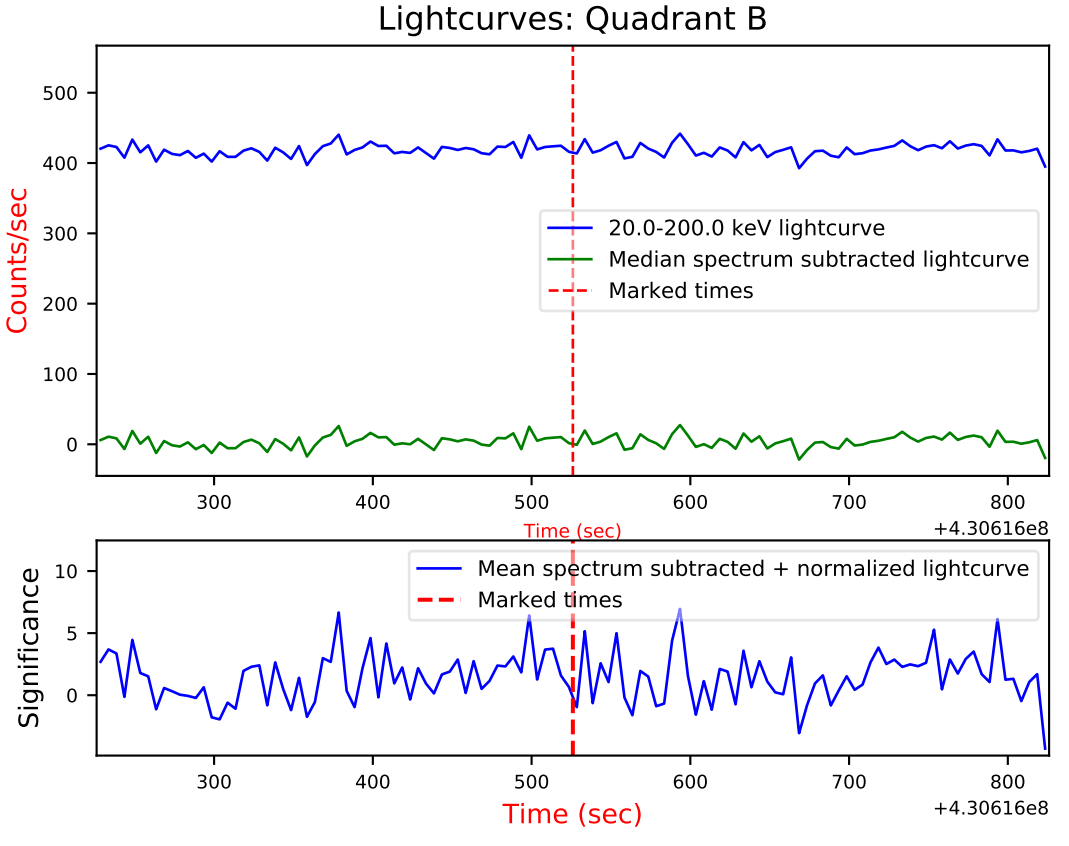

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
400
500
600
700
800
+4.30616e8
0
10
Energy (keV)
Strength/keV
Strength/sec
Marked times
15
10
5
0
Time (sec)
+4.30616e8
Strength/sec
−5
20
bins

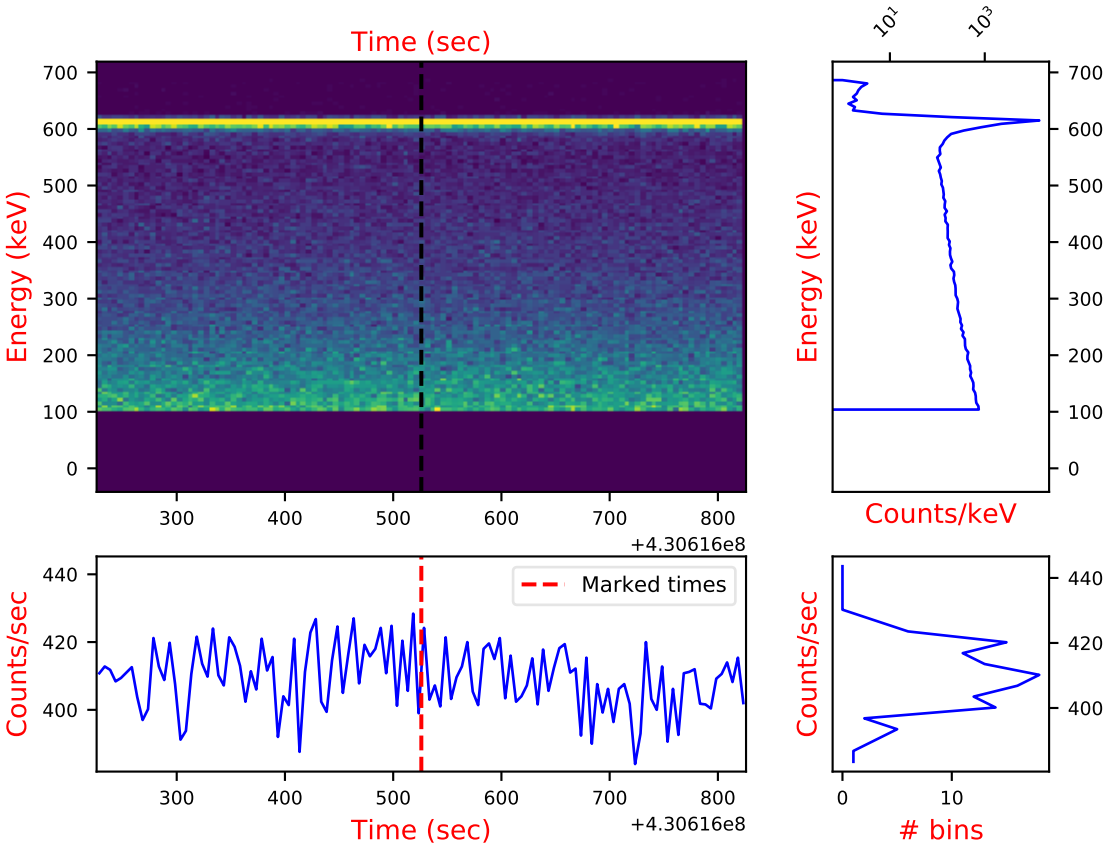

Lightcurves: Quadrant A
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Time (sec)
+4.30616e8
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
Time (sec)
+4.30616e8

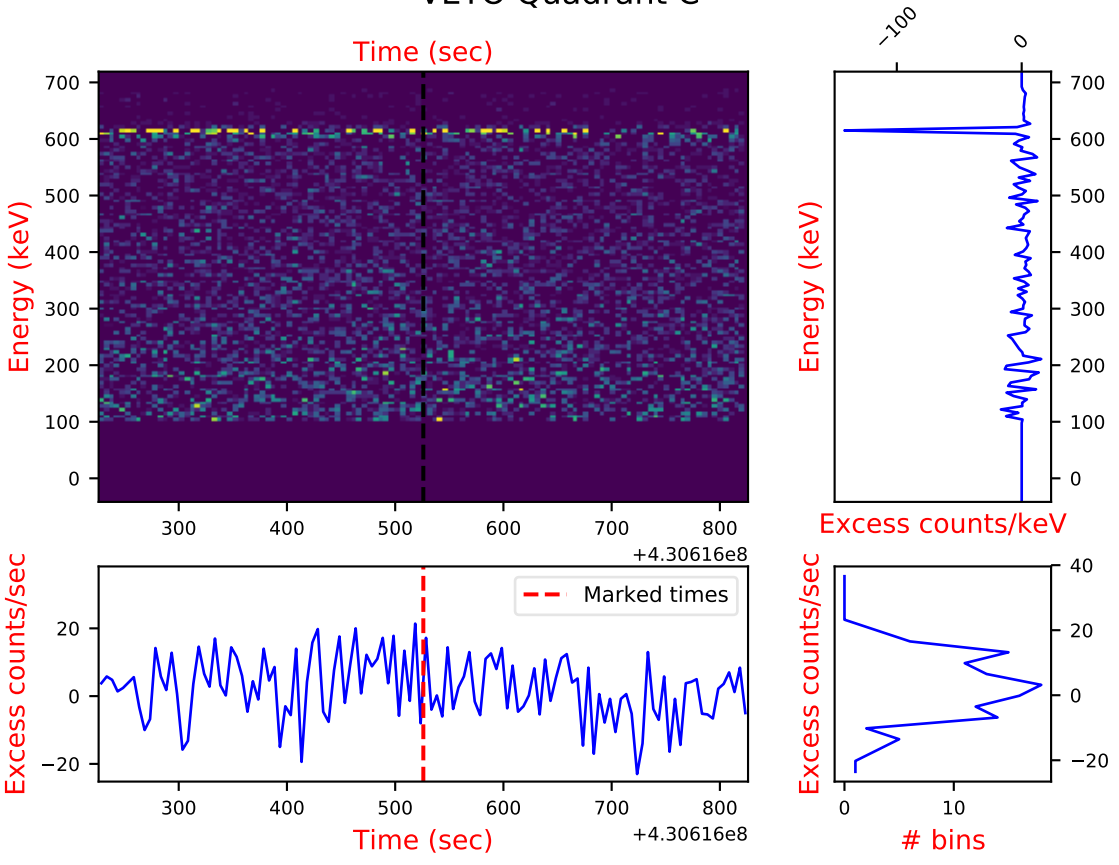

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
400
500
600
700
800
+4.30616e8
10^0
10^2
10^4
Energy (keV)
Counts/keV
Counts/sec
460
440
420
400
Marked times
Time (sec)
+4.30616e8
Counts/sec
0
10
20
bins

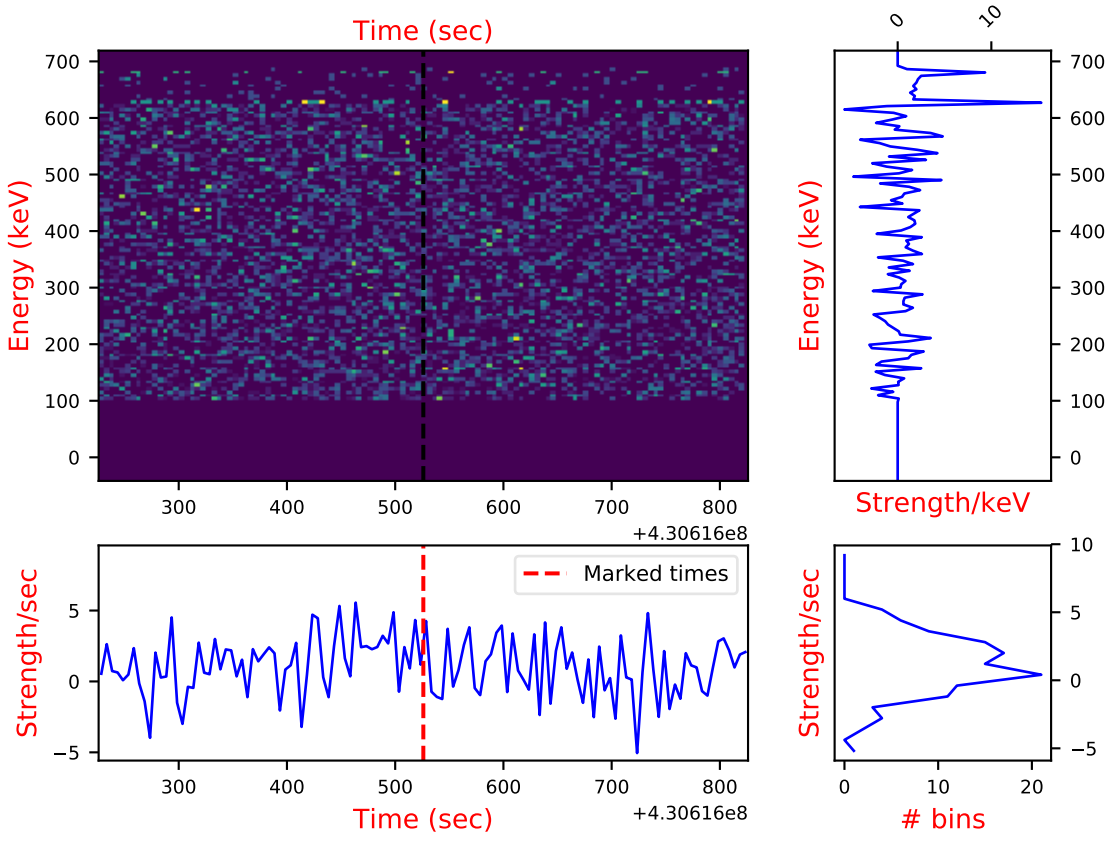

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
400
500
600
700
800
+4.30616e8
−50
0
Excess counts/keV
Excess counts/sec
40
20
0
−20
Marked times
Time (sec)
bins
10
20

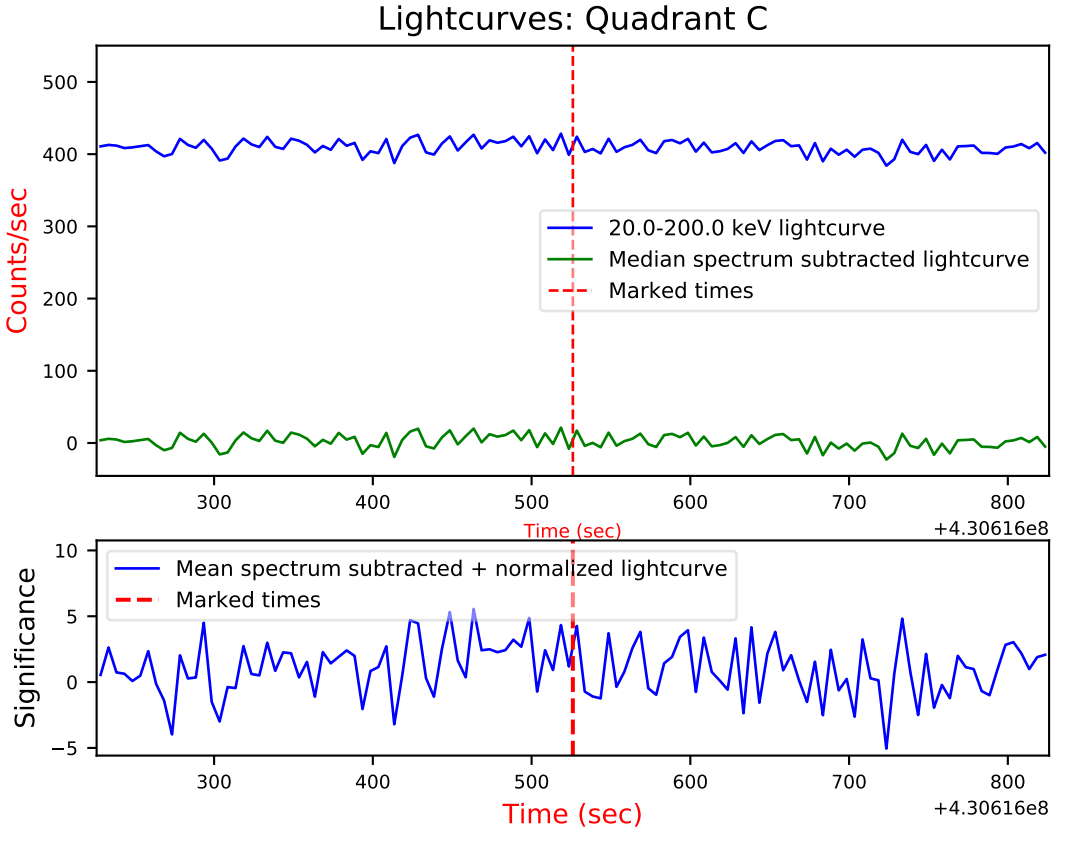

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
400
500
600
700
800
+4.30616e8
0
10
20
Energy (keV)
Strength/keV
Strength/sec
10
5
0
Marked times
300
400
500
600
700
800
Time (sec)
+4.30616e8
Strength/sec
10
5
0
−5
0
10
20
bins

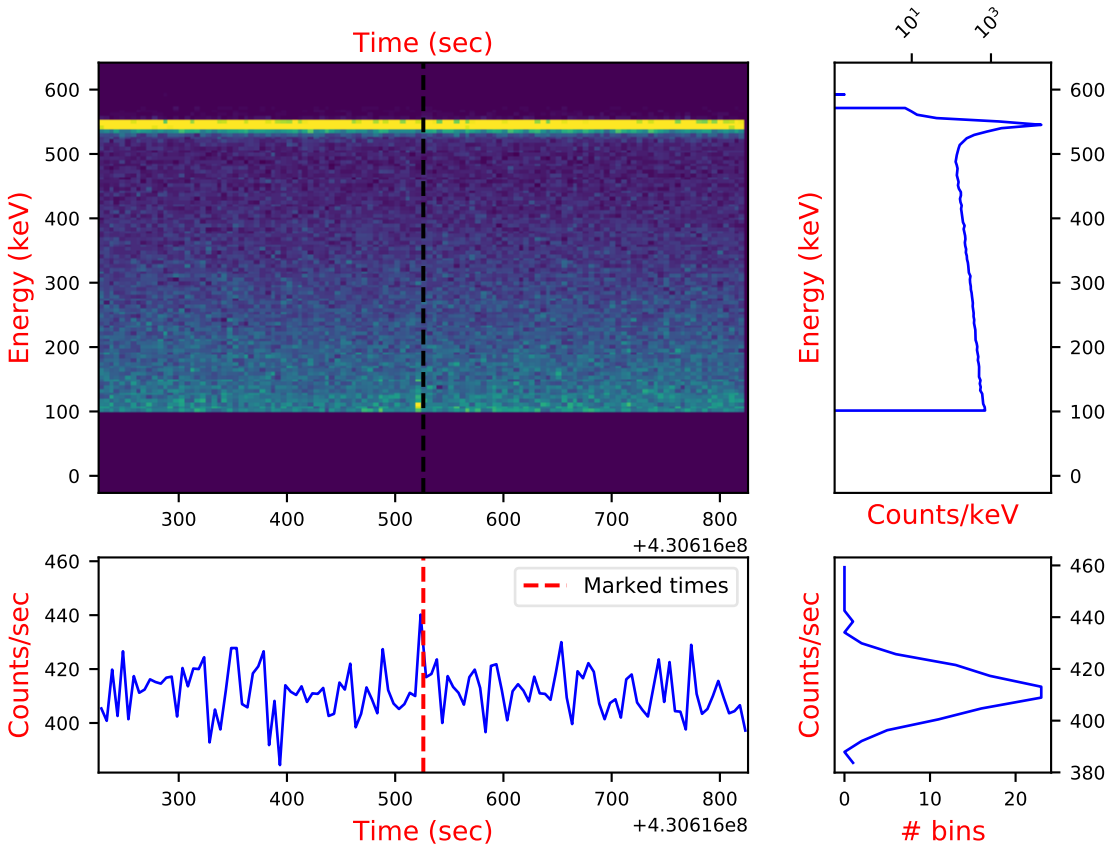

Lightcurves: Quadrant B
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
300
400
500
600
700
800
Time (sec)
+4.30616e8
Significance
10
5
0
Mean spectrum subtracted + normalized lightcurve
Marked times
300
400
500
600
700
800
Time (sec)
+4.30616e8

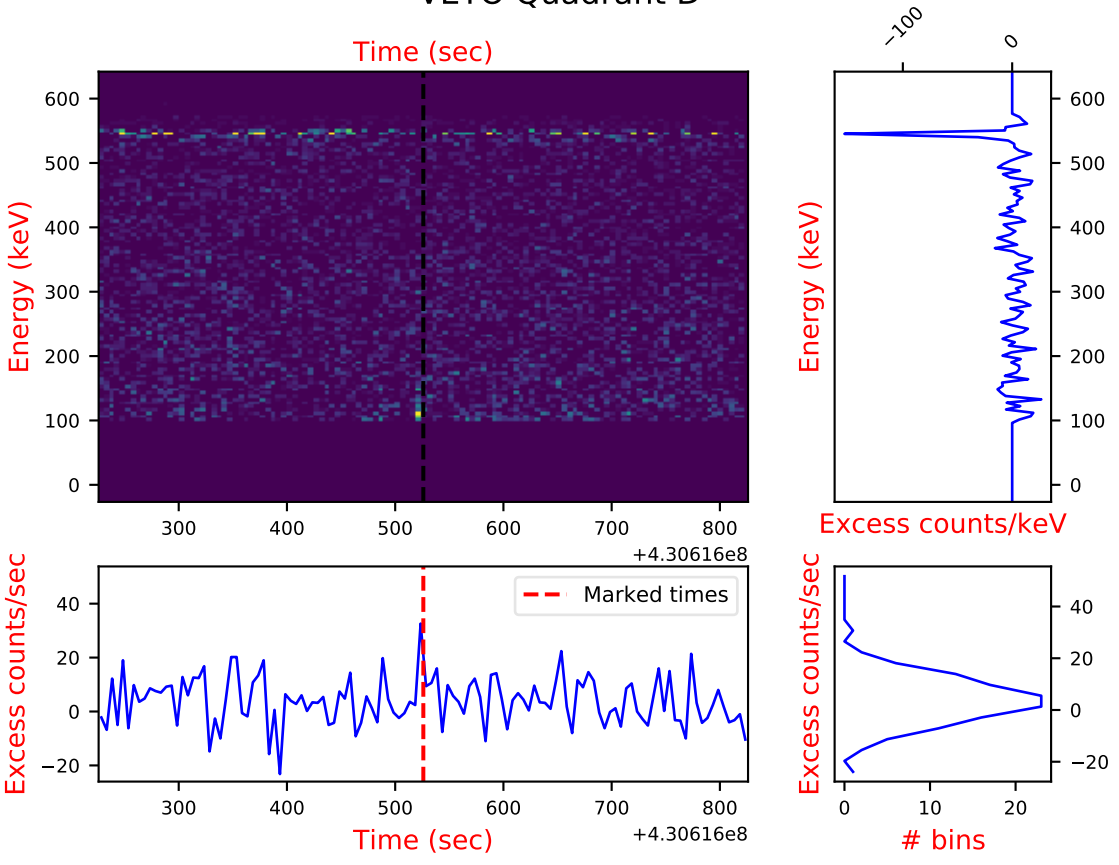

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
300
400
500
600
700
800
+4.30616e8
10^1
10^3
Counts/keV
Counts/sec
440
420
400
Marked times
Time (sec)
bins
0
10

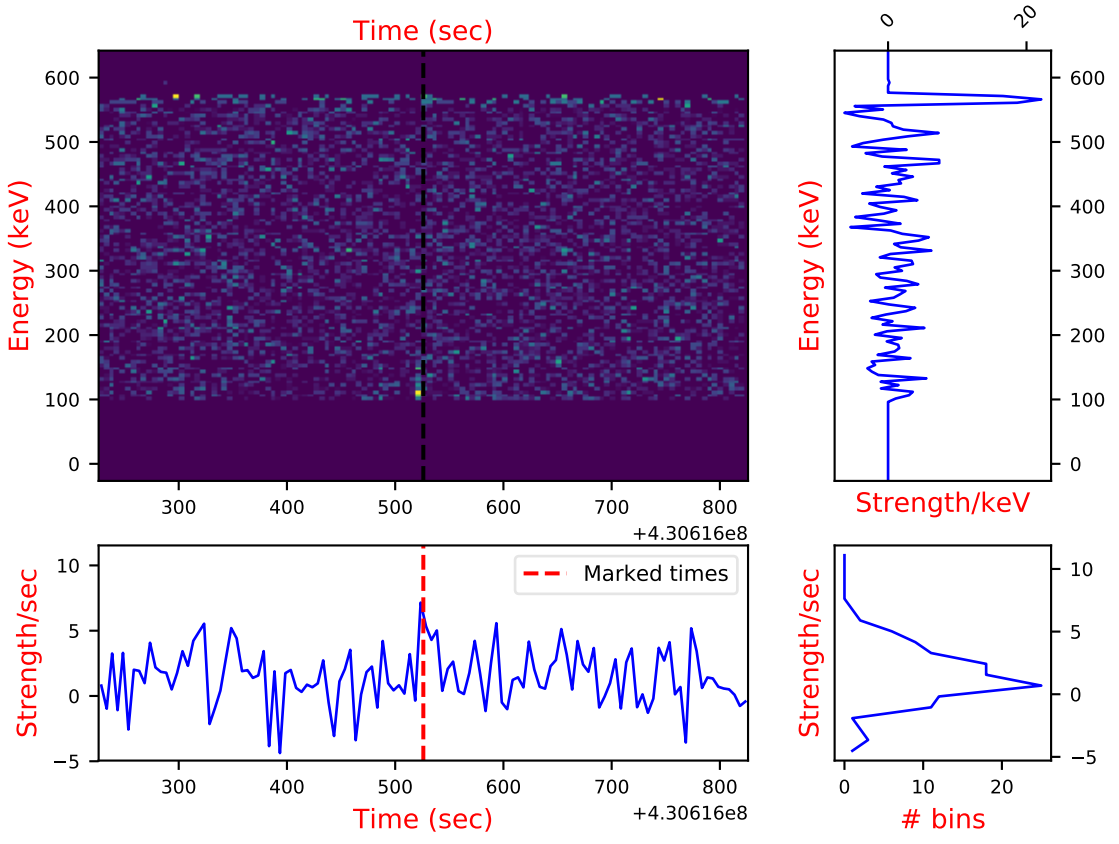

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
300
400
500
600
700
800
+4.30616e8
−100
0
Excess counts/keV
Excess counts/sec
Marked times
20
0
−20
40
10
bins
Time (sec)
+4.30616e8

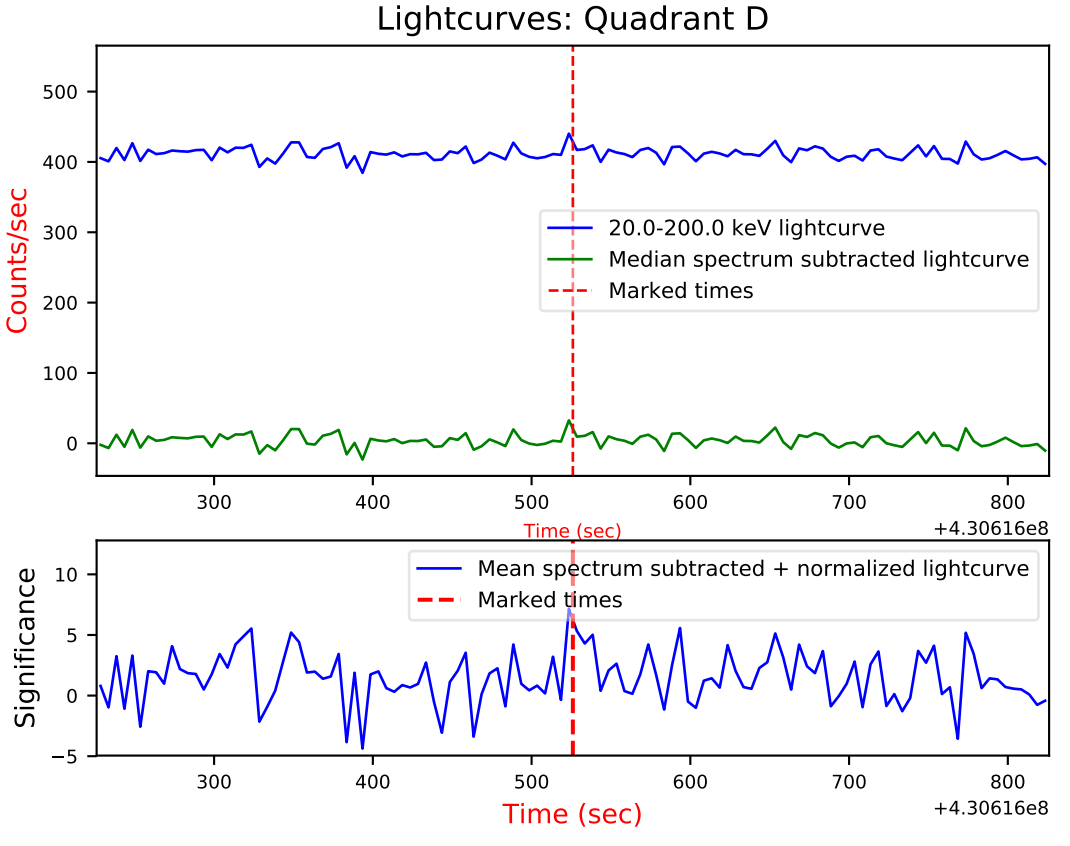

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
300
400
500
600
700
800
+4.30616e8
0
10
Energy (keV)
Strength/keV
Strength/sec
Marked times
5
0
−5
Time (sec)
+4.30616e8
10
5
0
−5
0
10
20
bins
Strength/sec


Lightcurves: Quadrant C
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
300
400
500
600
700
800
Time (sec)
+4.30616e8
Significance
10
5
0
−5
Mean spectrum subtracted + normalized lightcurve
Marked times
300
400
500
600
700
800
Time (sec)
+4.30616e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
400
500
600
700
800
+4.30616e8
Counts/sec
460
440
420
400
Marked times
Time (sec)
+4.30616e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
380
0
10
20
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
400
500
600
700
800
+4.30616e8
−100
0
Excess counts/keV
Excess counts/sec
Marked times
40
20
0
−20
Time (sec)
bins
10
20


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
400
500
600
700
800
+4.30616e8
0
20
Energy (keV)
Strength/keV
Strength/sec
10
5
0
−5
Marked times
300
400
500
600
700
800
Time (sec)
+4.30616e8
Strength/sec
10
5
0
−5
0
10
20
bins


Lightcurves: Quadrant D
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
300
400
500
600
700
800
Time (sec)
+4.30616e8
Significance
10
5
0
−5
Mean spectrum subtracted + normalized lightcurve
Marked times
300
400
500
600
700
800
Time (sec)
+4.30616e8