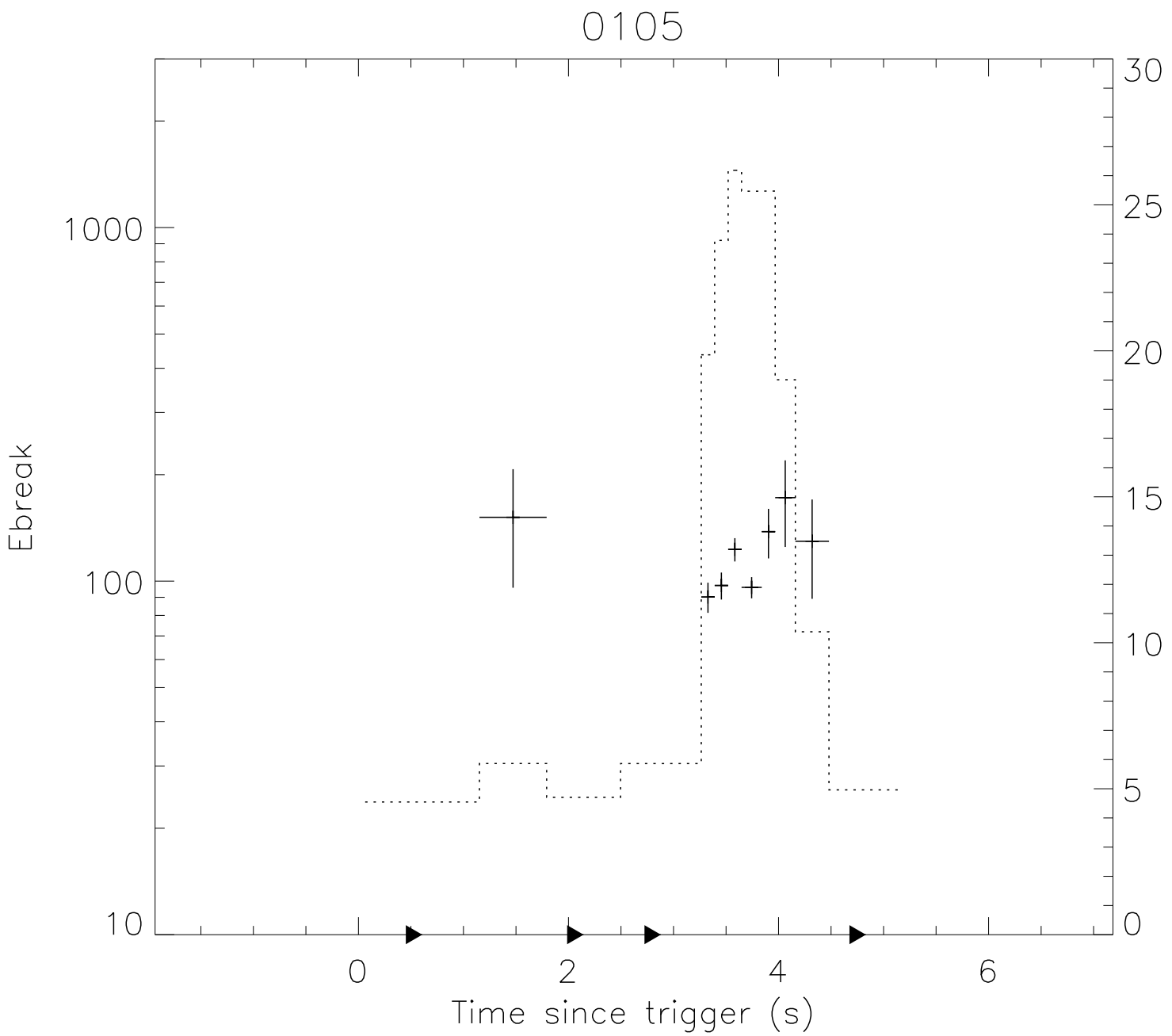
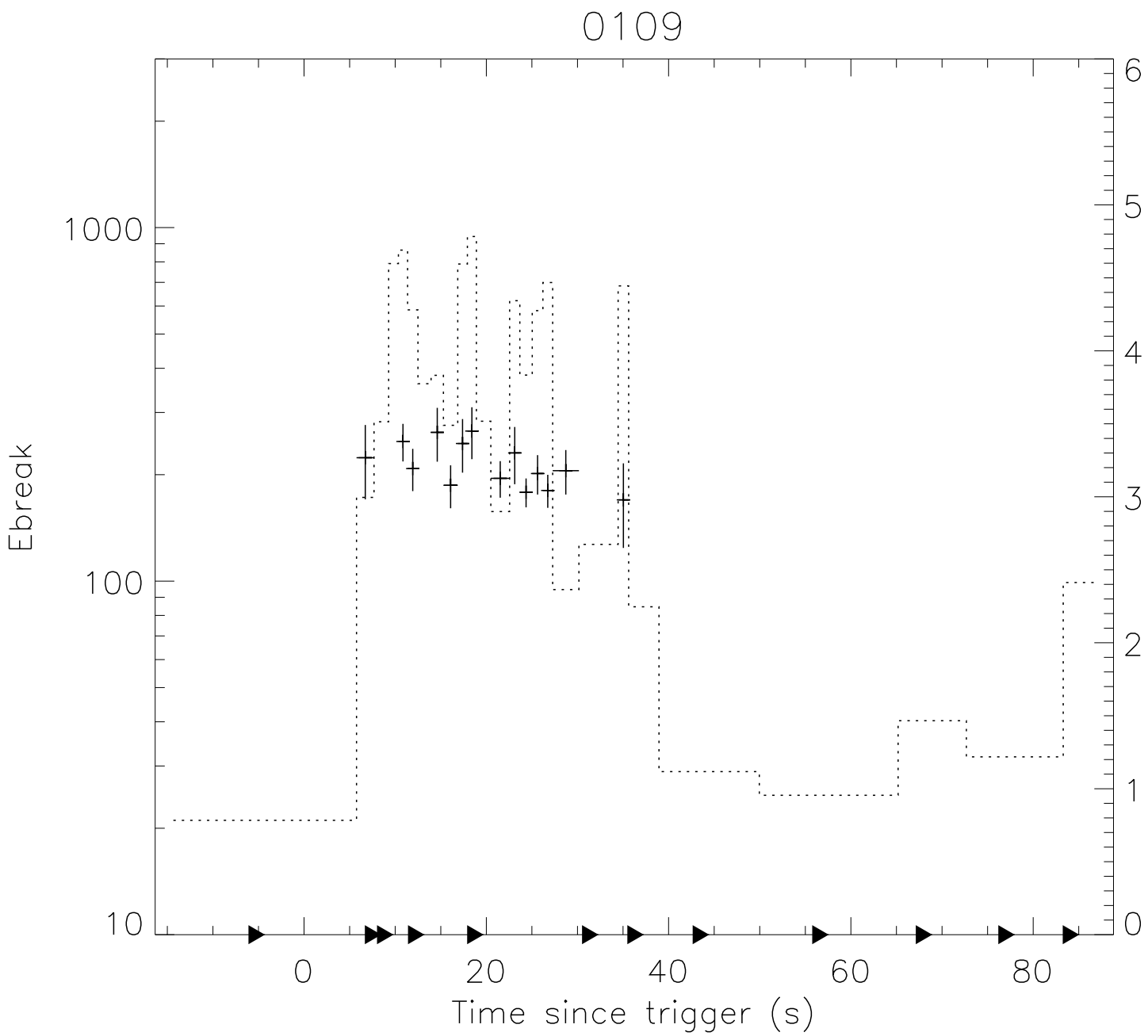
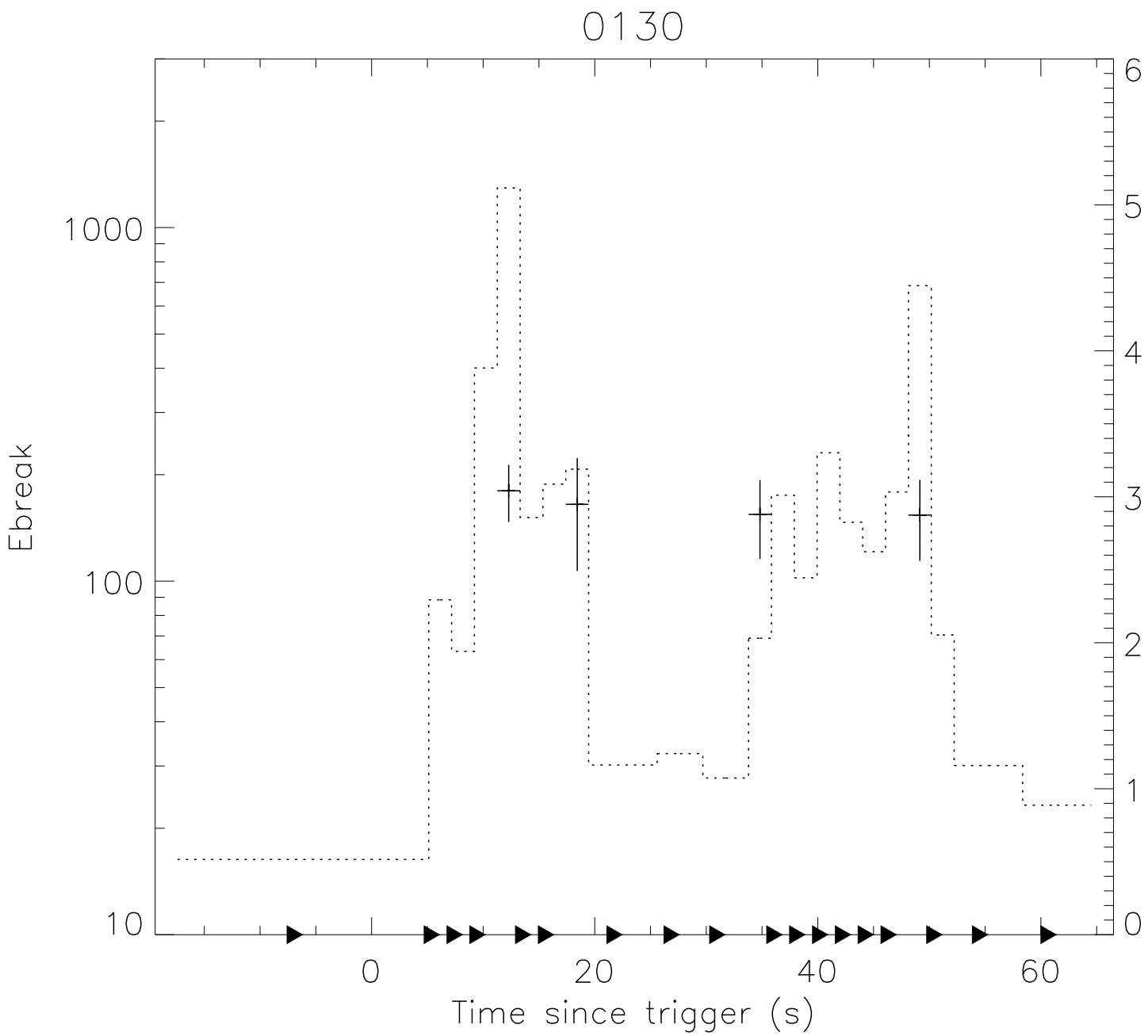
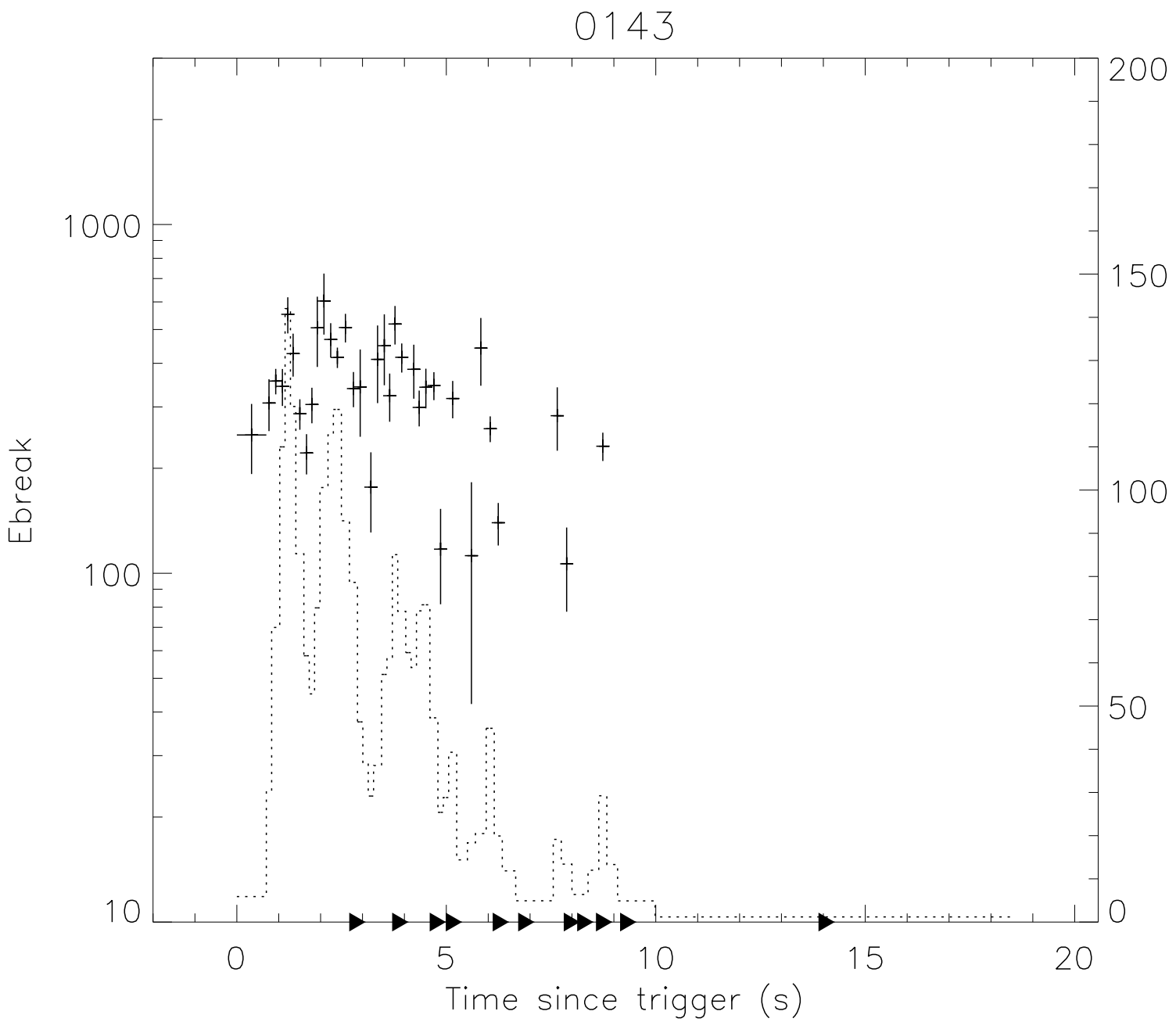
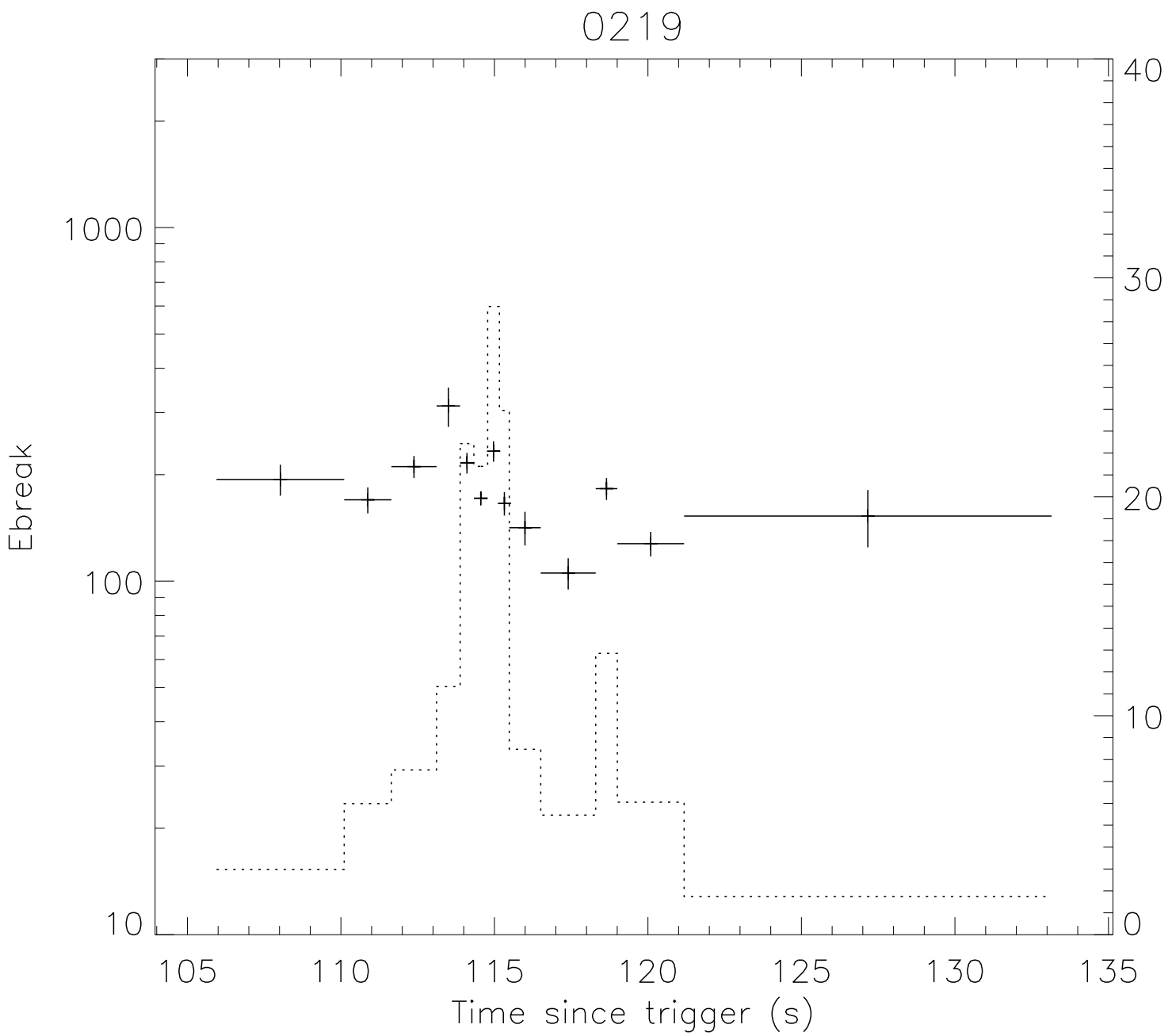
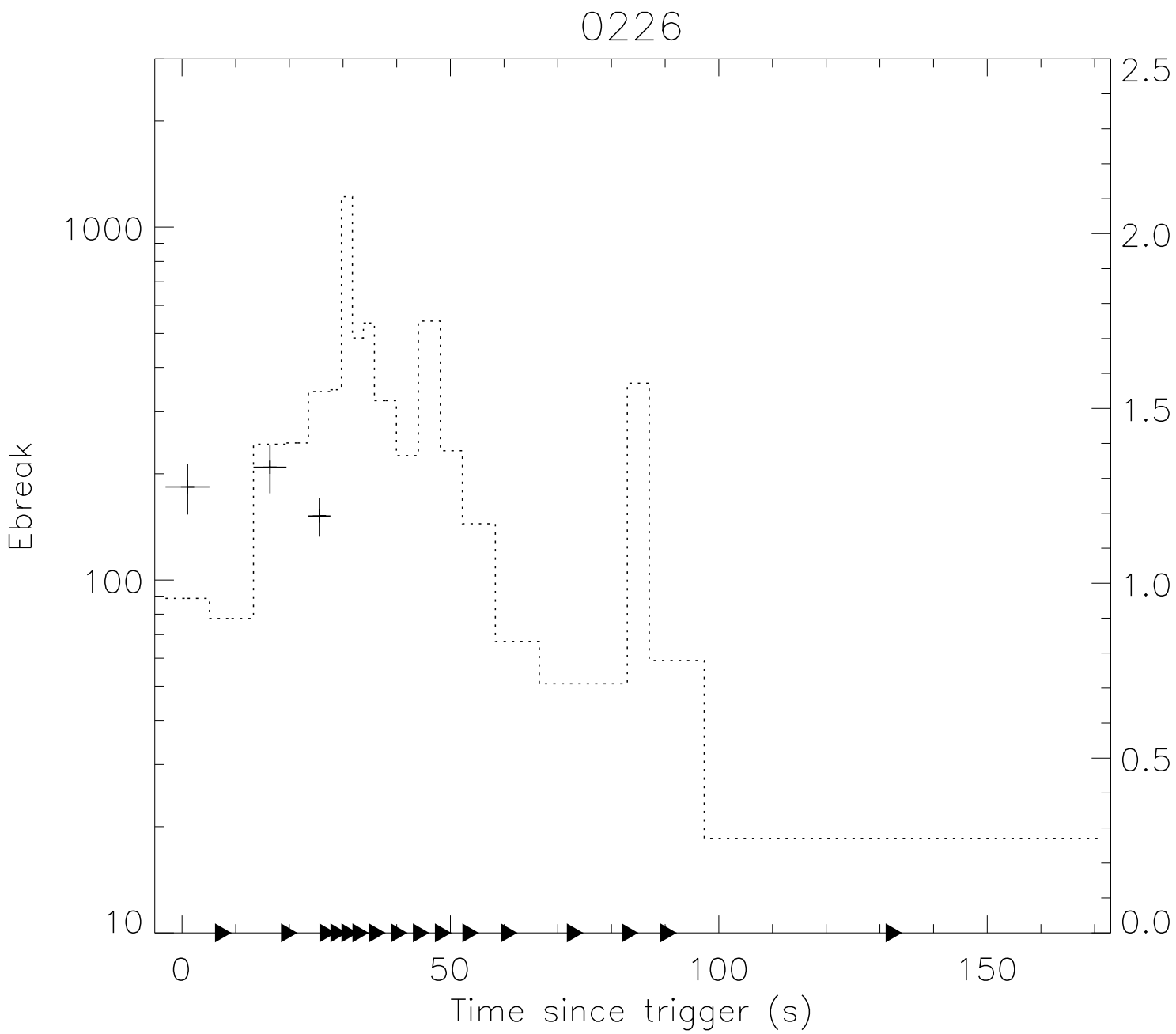

0105
Ebreak
1000
100
10
30
25
20
15
10
5
0
0
2
4
6
Time since trigger (s)

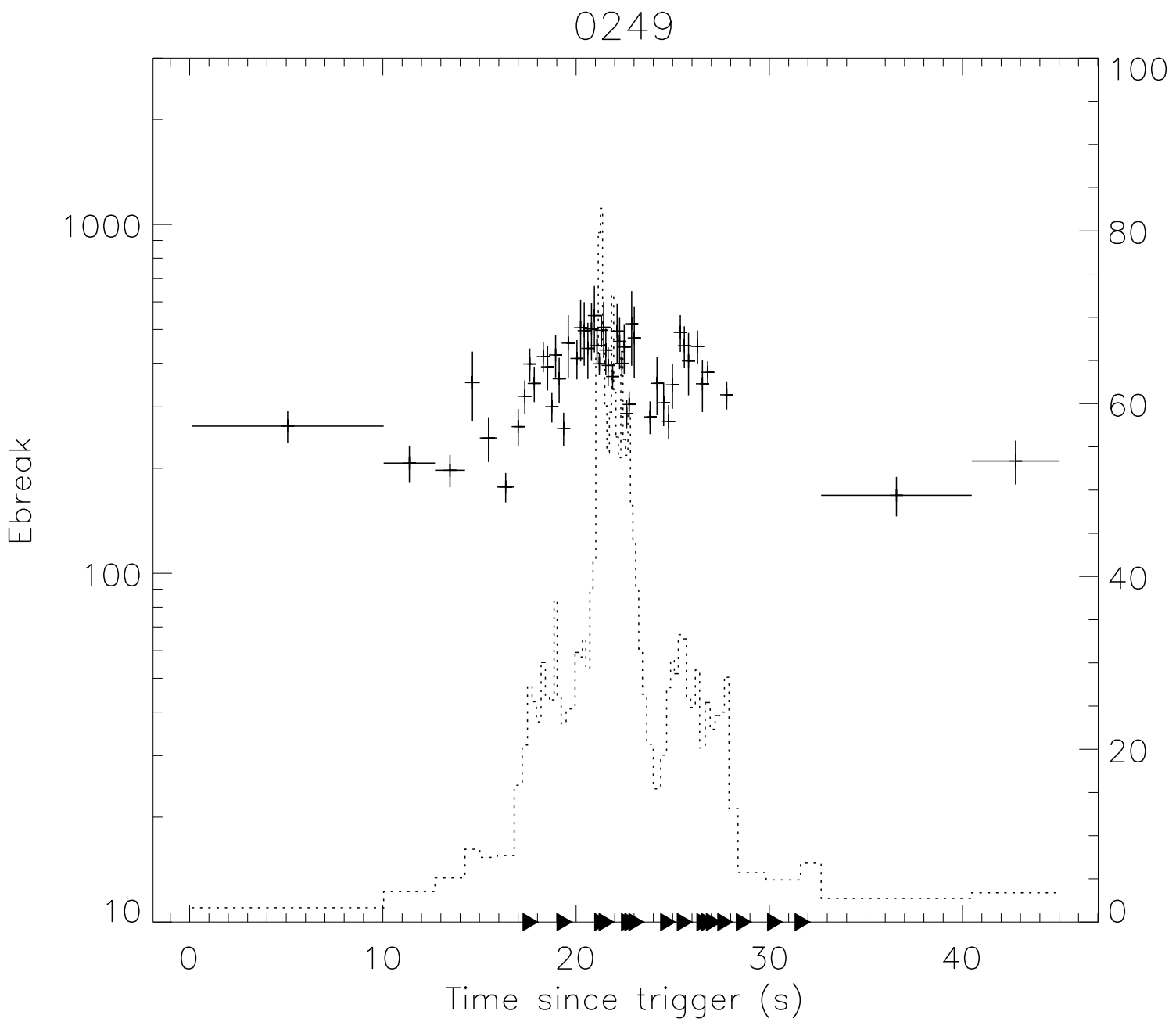

0109
1000
100
10
Ebreak
0
20
40
60
80
Time since trigger (s)
6
5
4
3
2
1
0

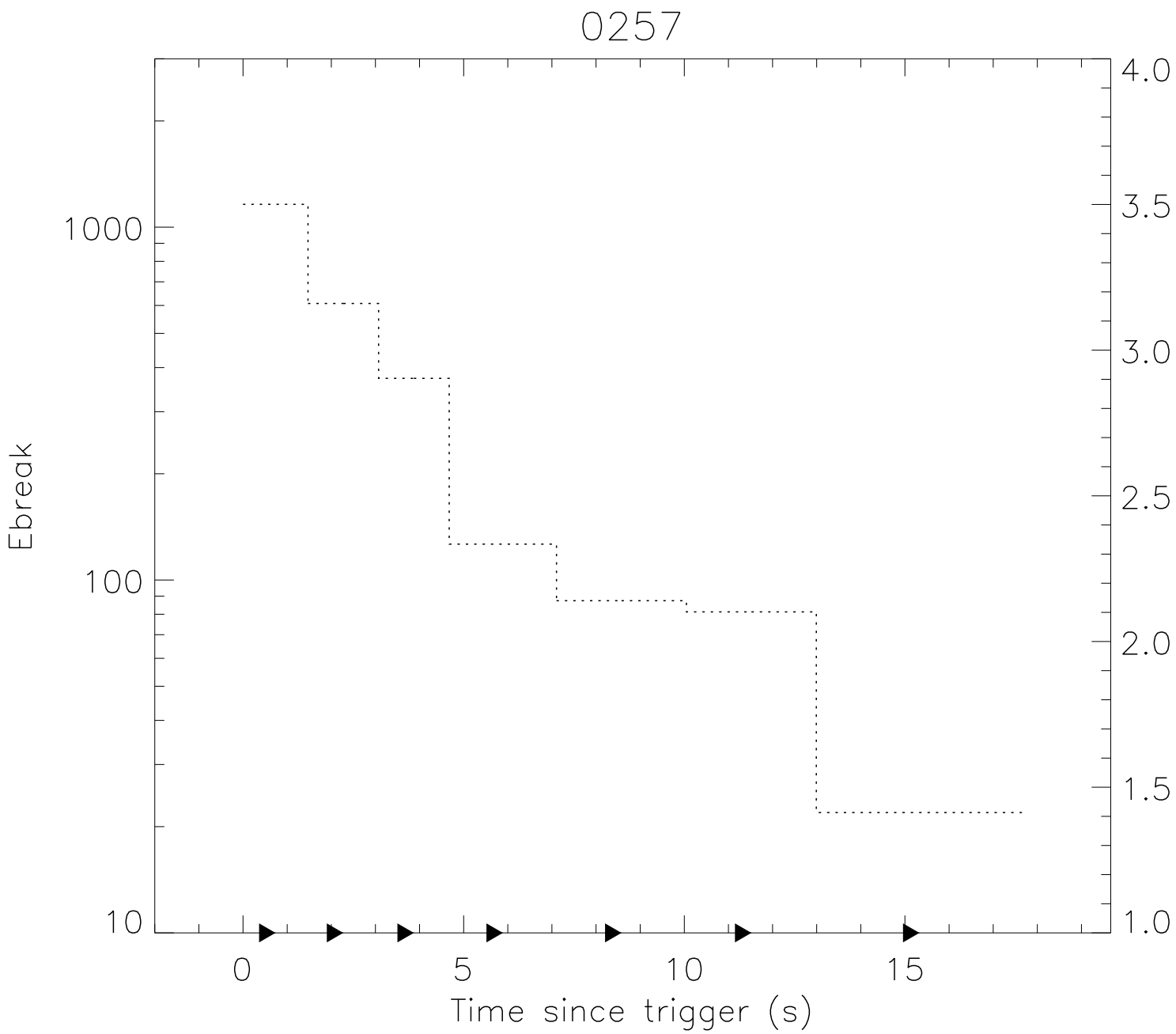

0130
1000
100
10
Ebreak
0
20
40
60
Time since trigger (s)
6
5
4
3
2
1
0

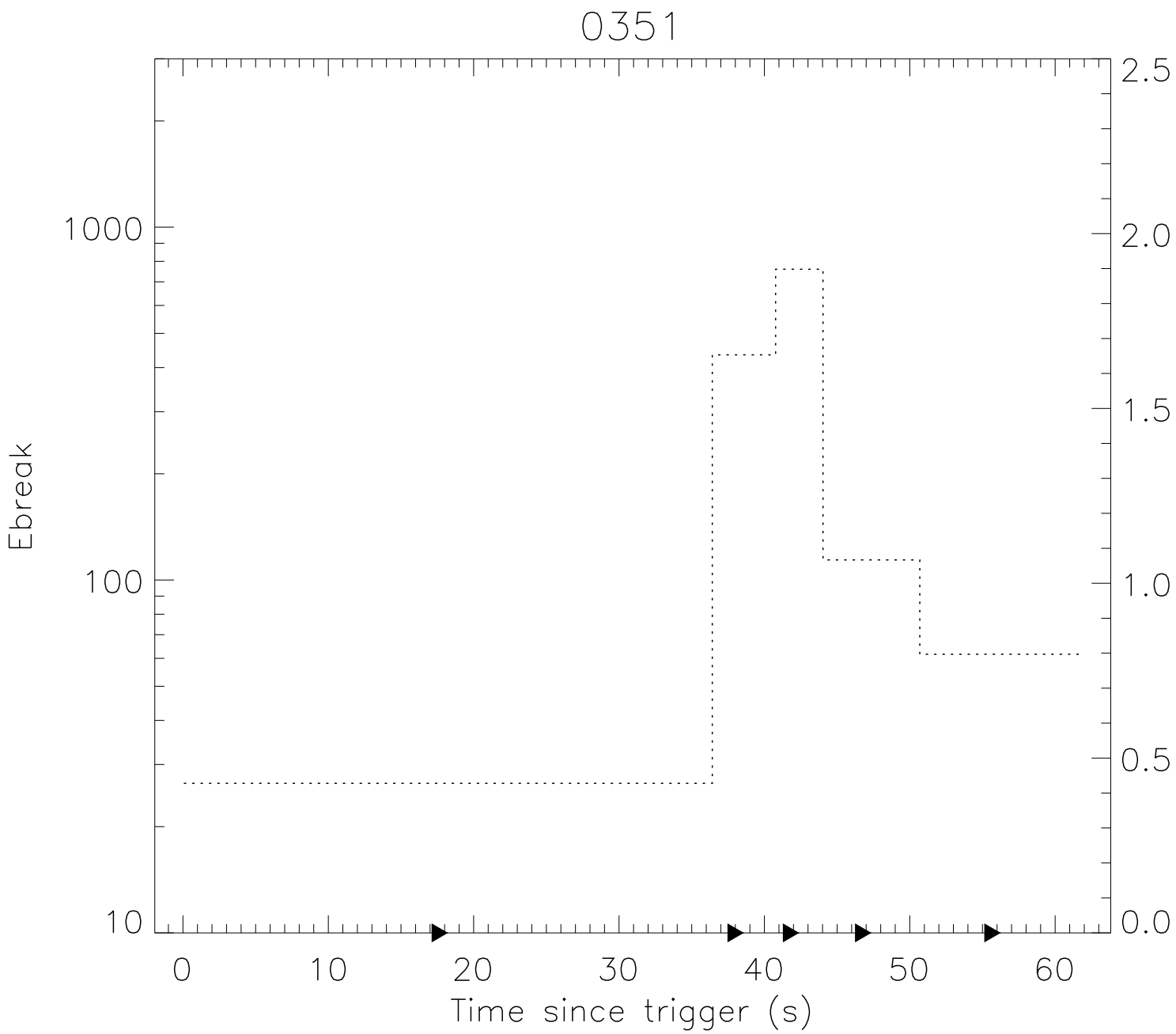

0143
Ebreak
1000
100
10
200
150
100
50
0
0
5
10
15
20
Time since trigger (s)

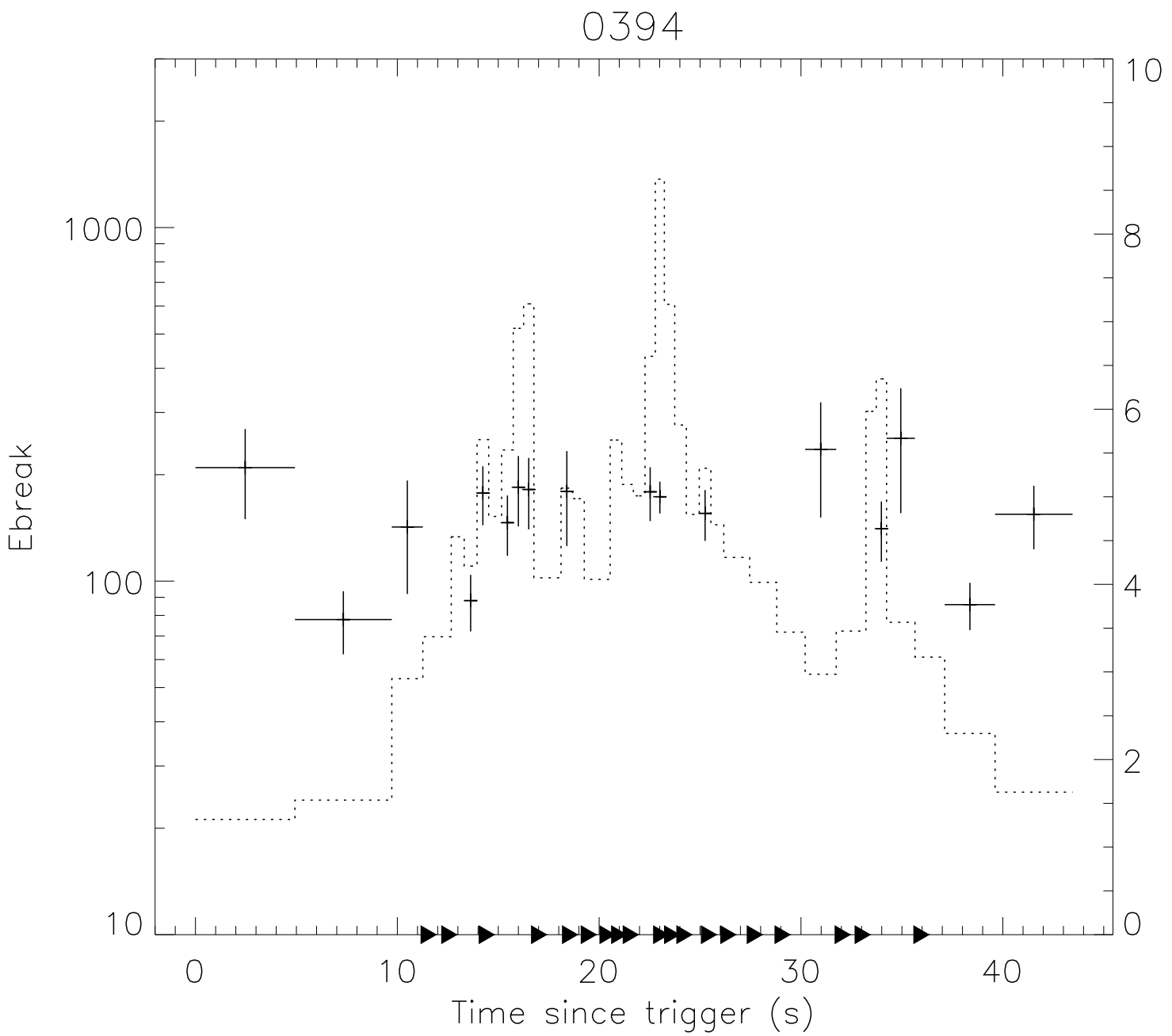

0219
1000
100
10
Ebreak
40
30
20
10
0
105
110
115
120
125
130
135
Time since trigger (s)

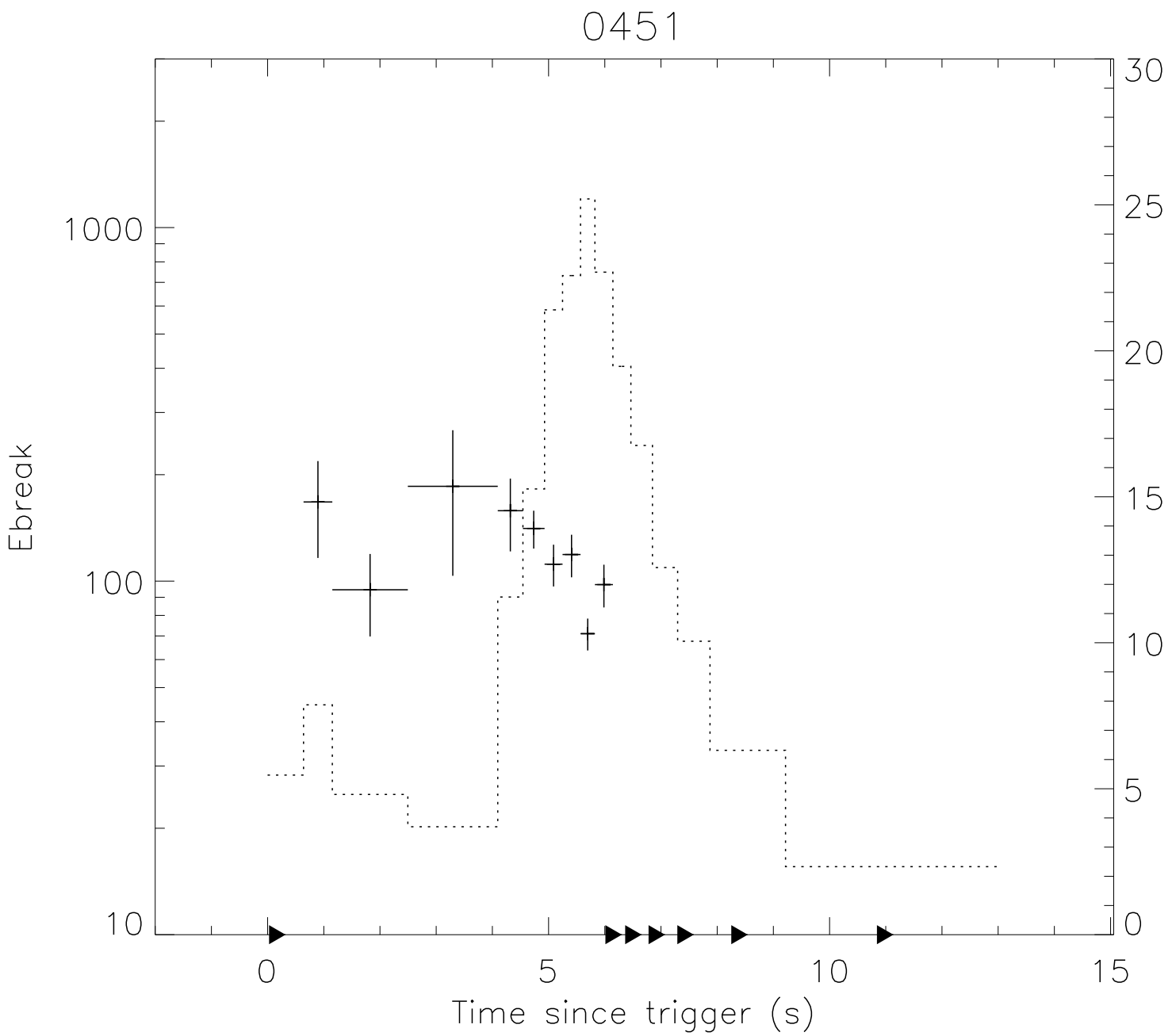

0226
Ebreak
1000
100
10
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
Time since trigger (s)

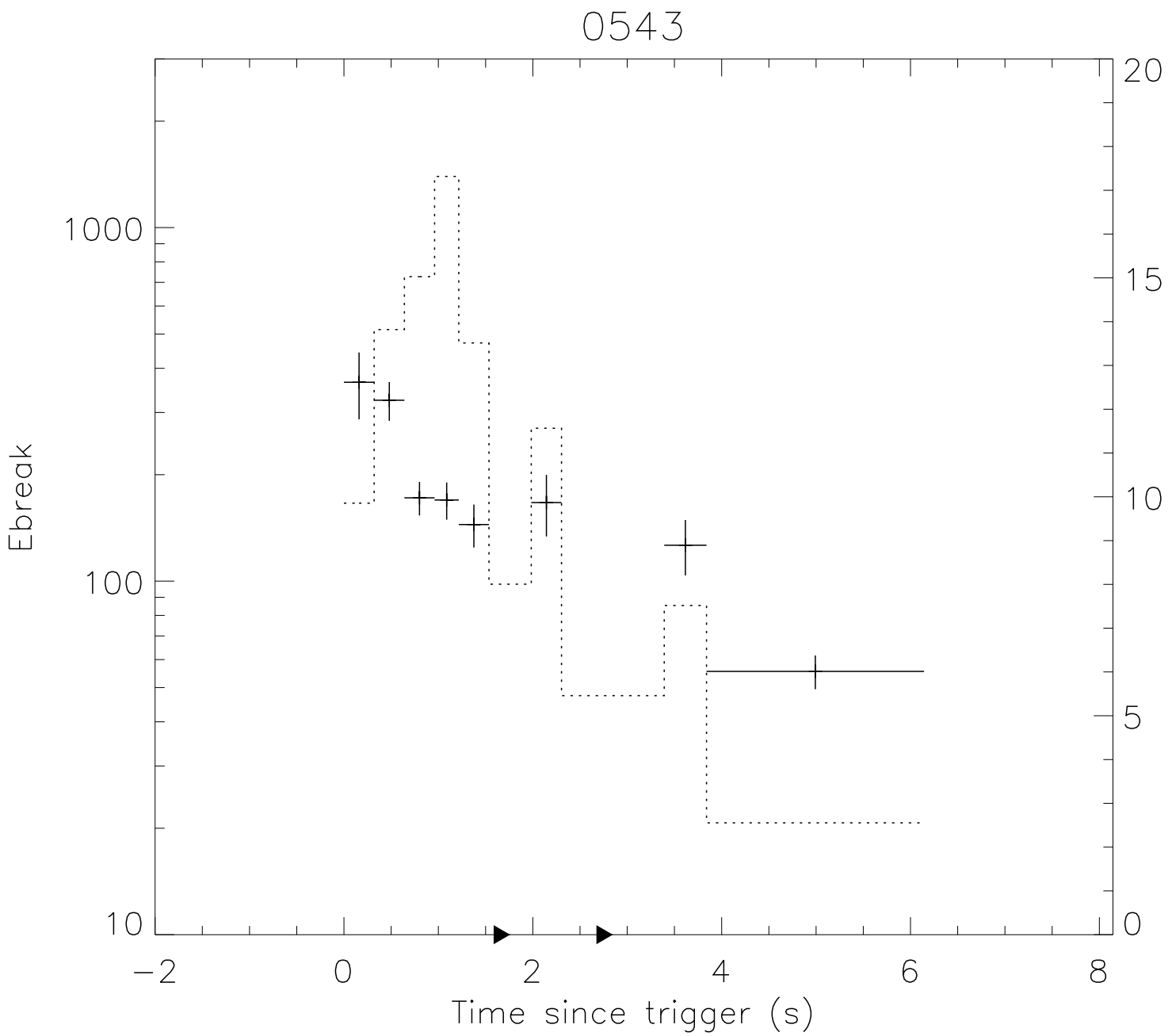

0249
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
100
80
60
40
20
0

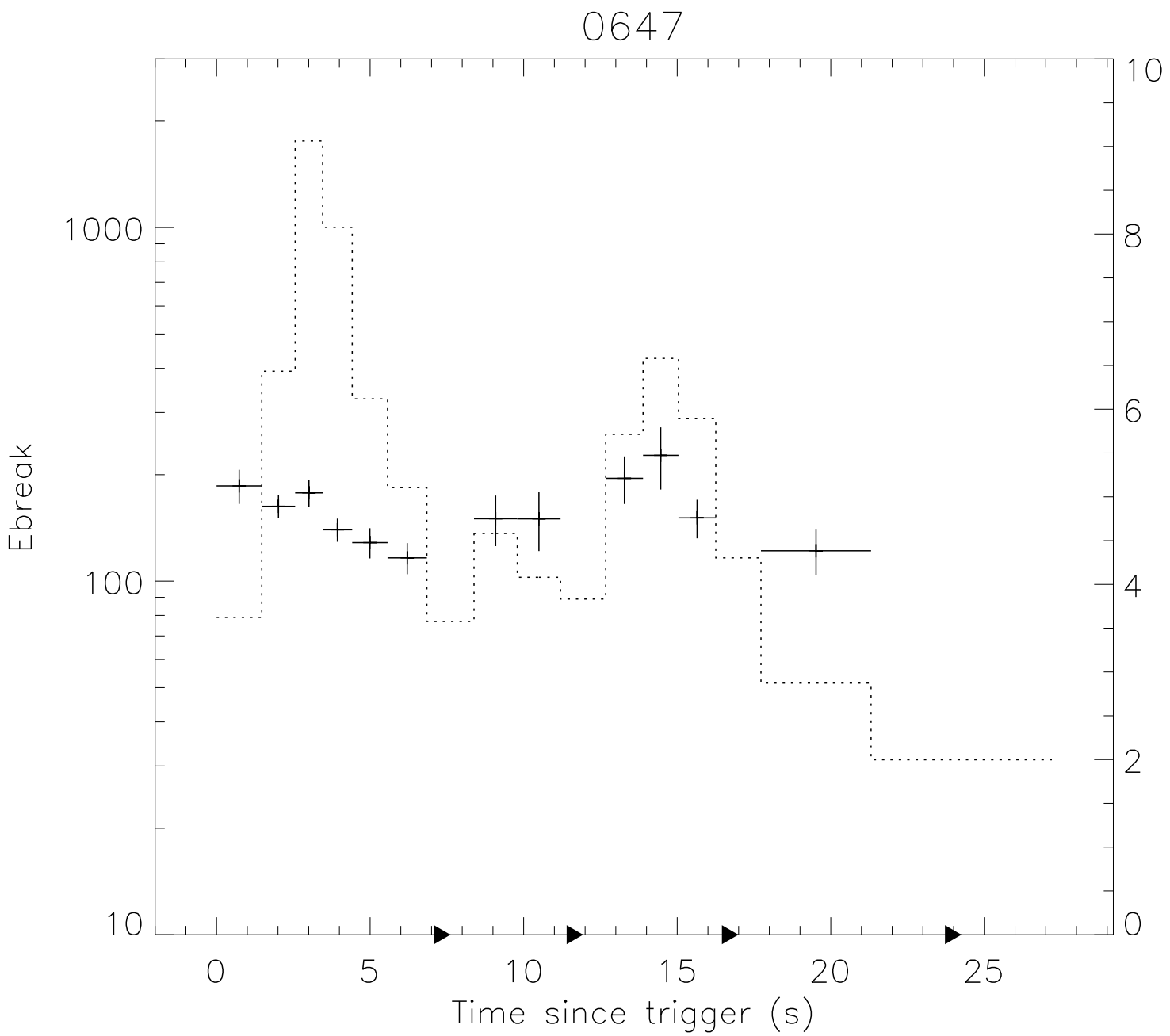

0257
1000
100
10
Ebreak
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
5
10
15
Time since trigger (s)

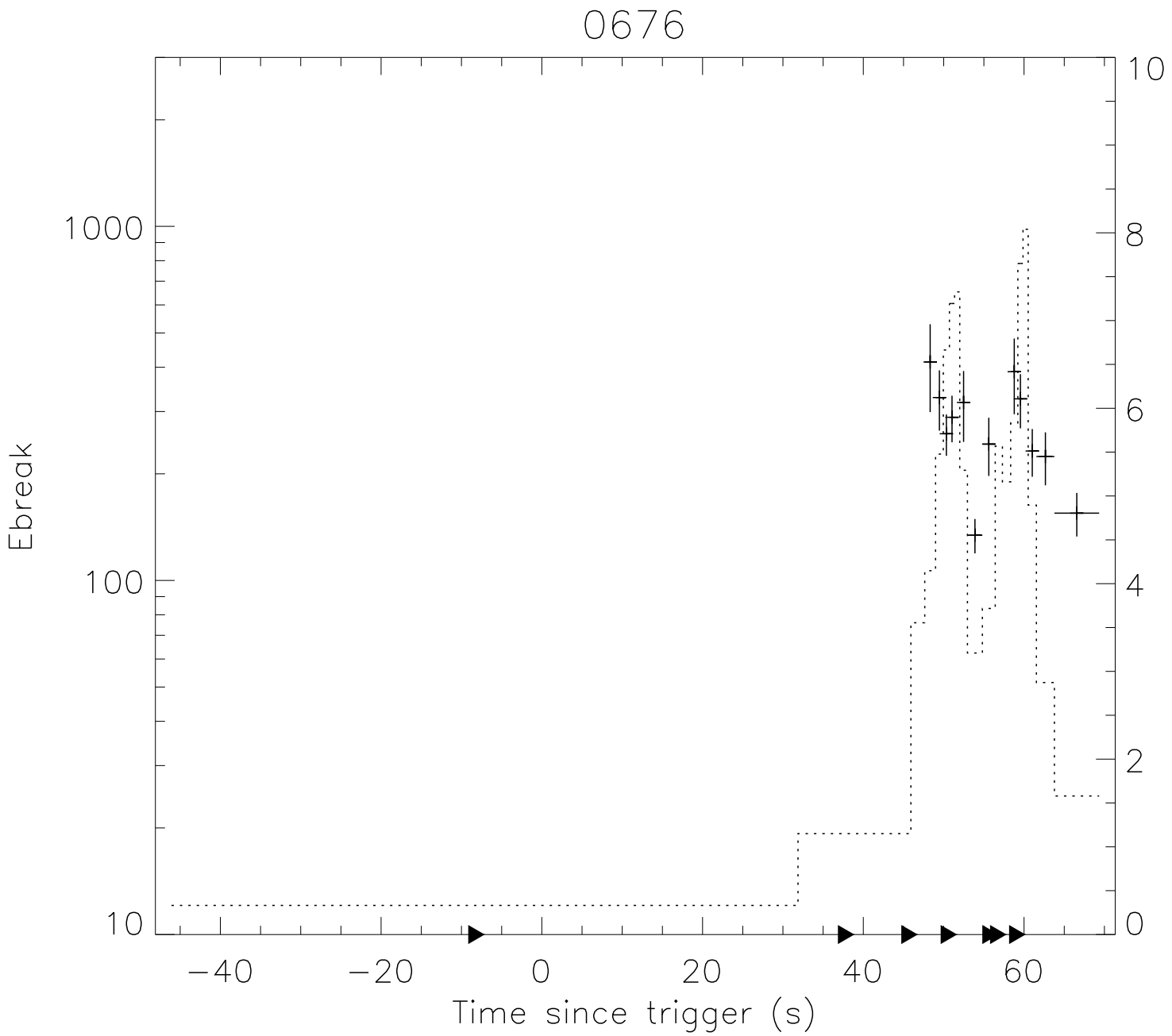

0351
Ebreak
1000
100
10
2.5
2.0
1.5
1.0
0.5
0.0
0
10
20
30
40
50
60
Time since trigger (s)

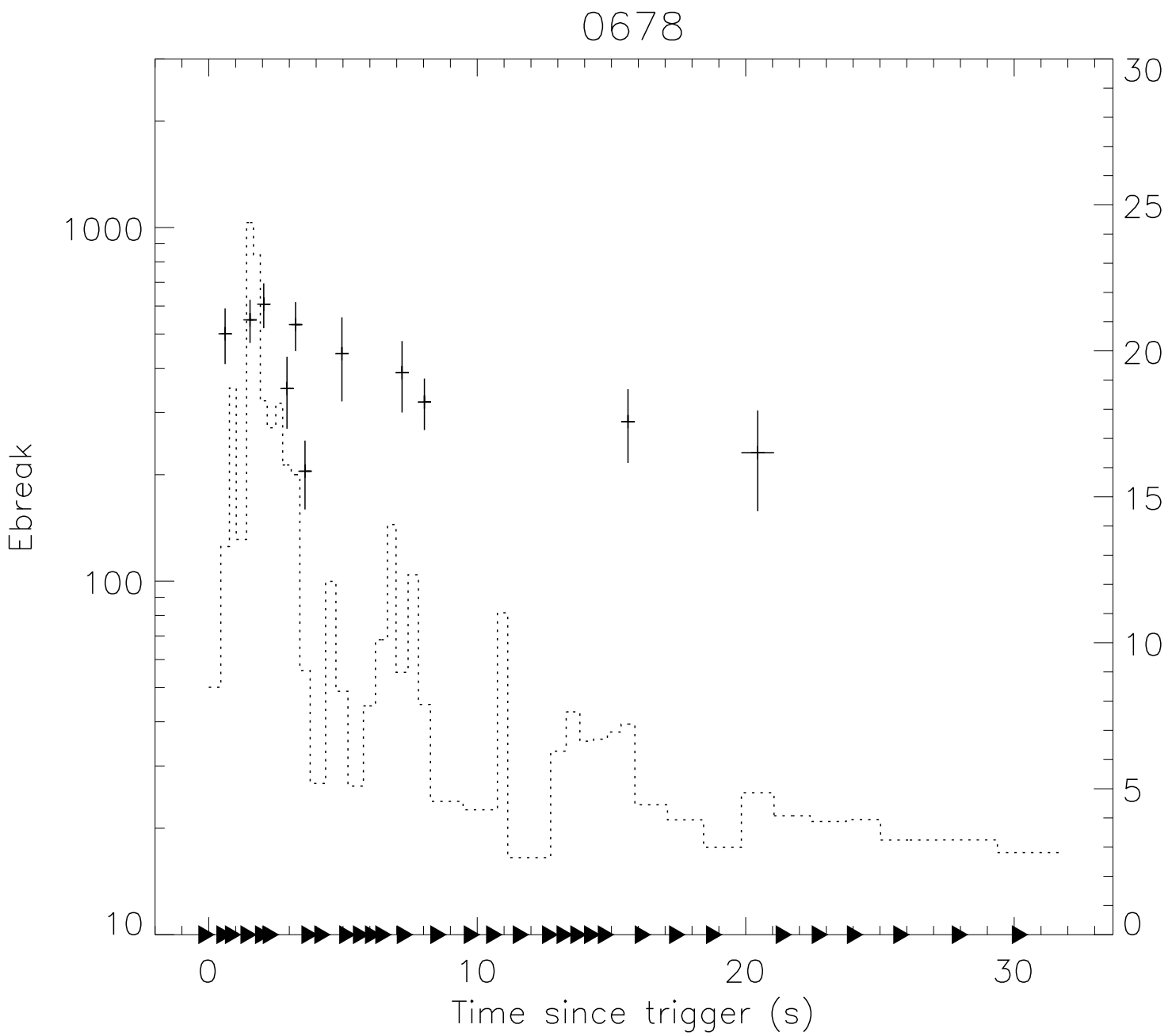

0394
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
10
8
6
4
2
0

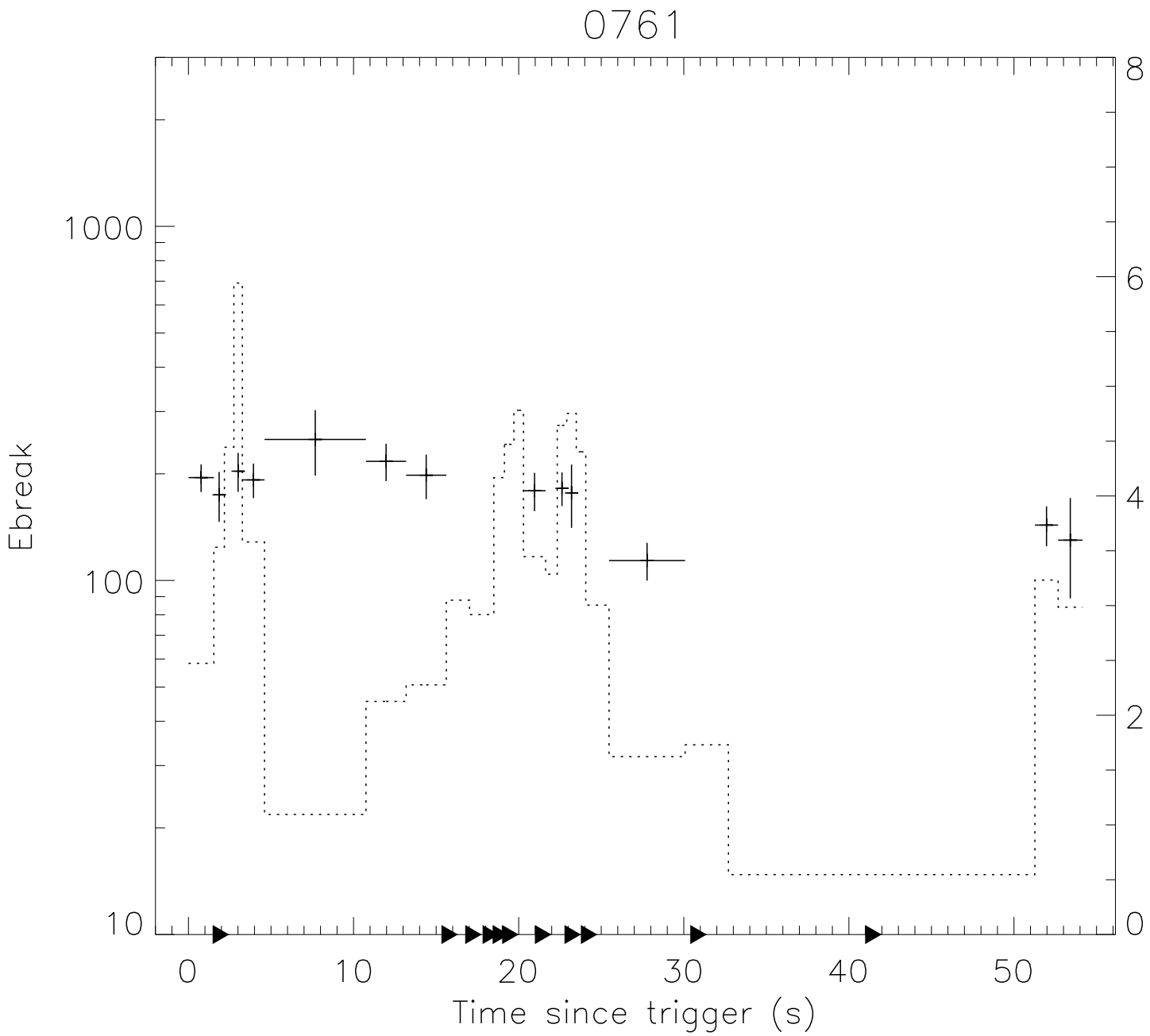

0451
1000
100
10
Ebreak
30
25
20
15
10
5
0
0
5
10
15
Time since trigger (s)

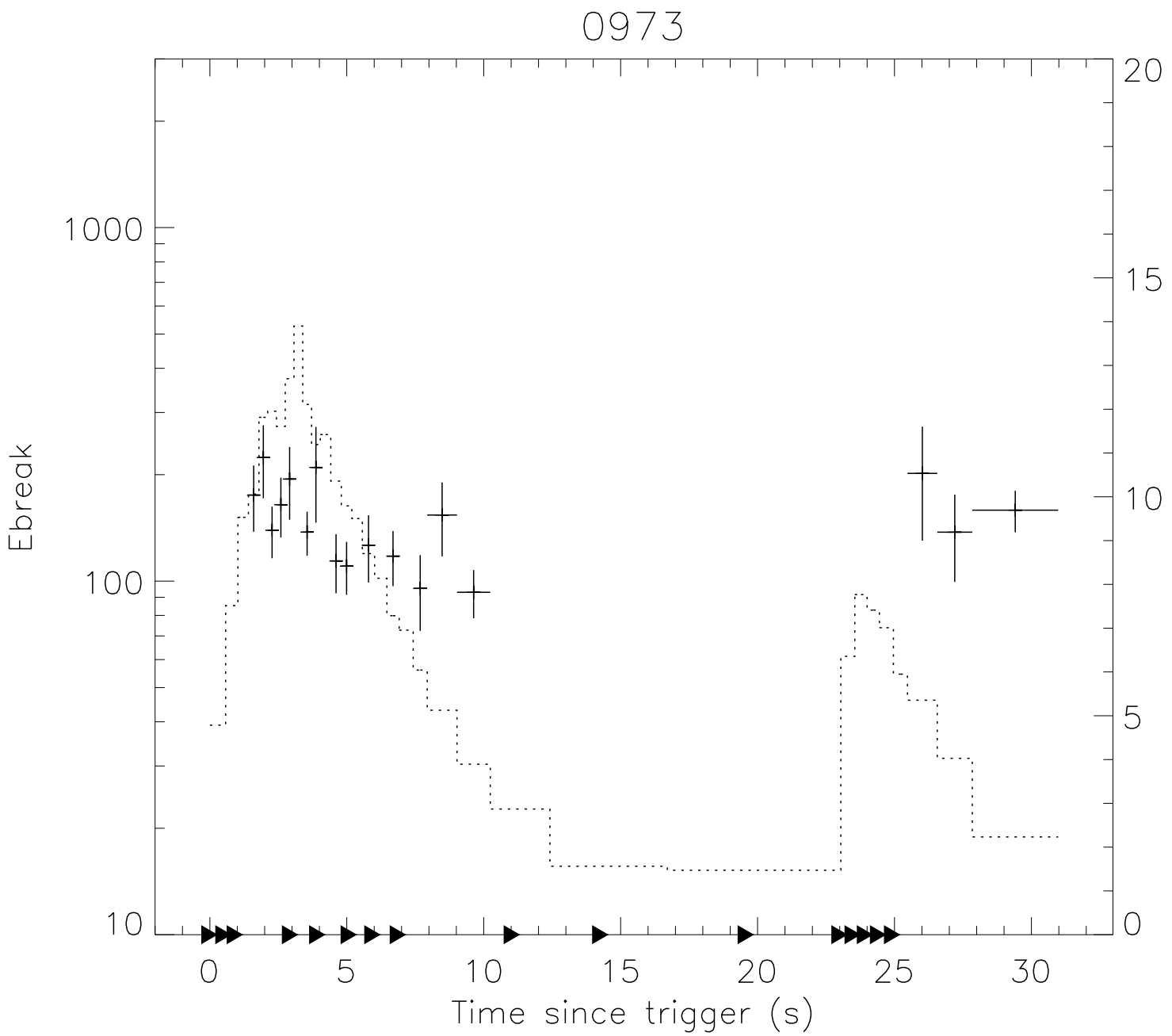

0543
Ebreak
1000
100
10
20
15
10
5
0
−2
0
2
4
6
8
Time since trigger (s)

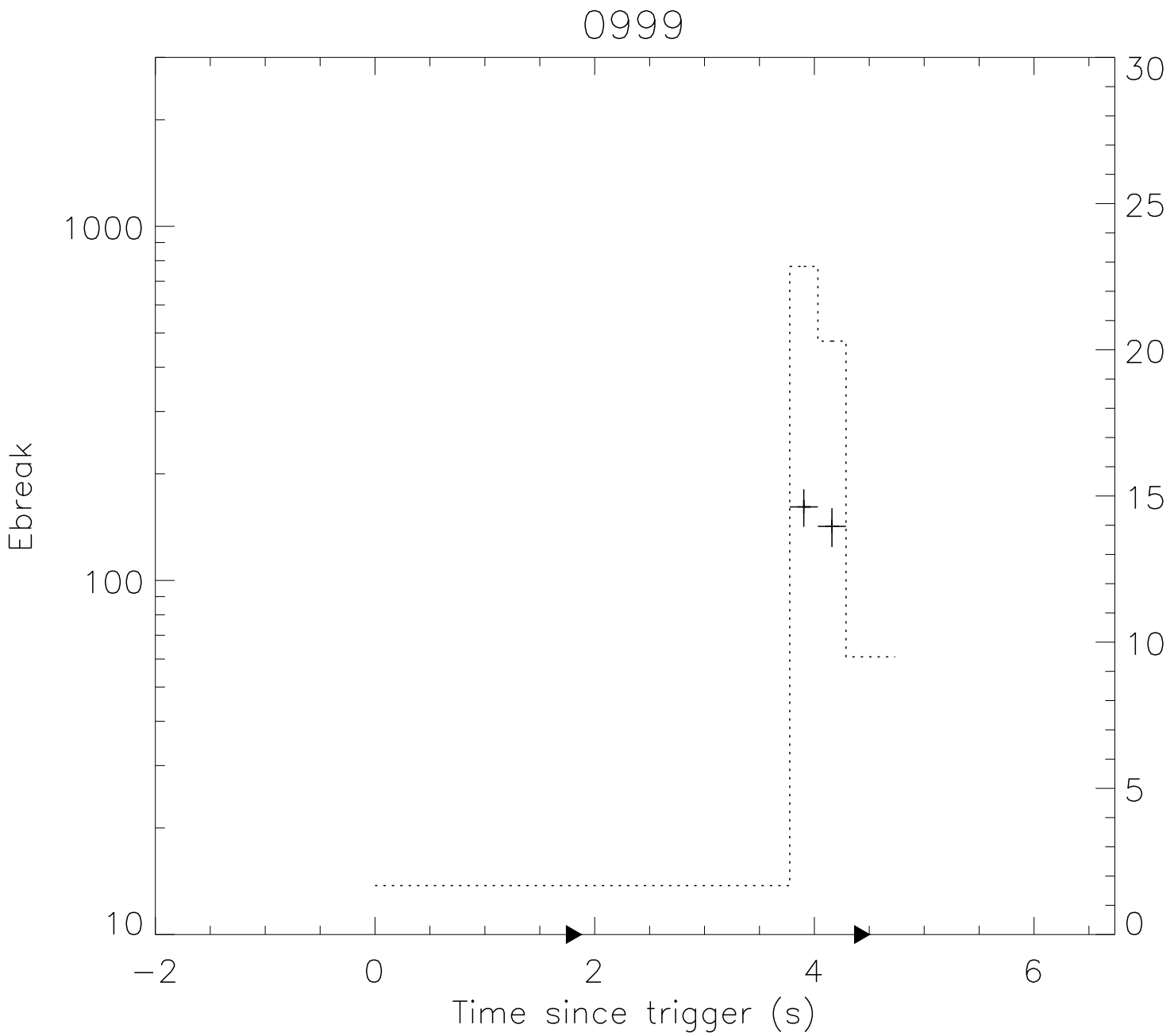

0647
Ebreak
1000
100
10
0
5
10
15
20
25
Time since trigger (s)
10
8
6
4
2
0

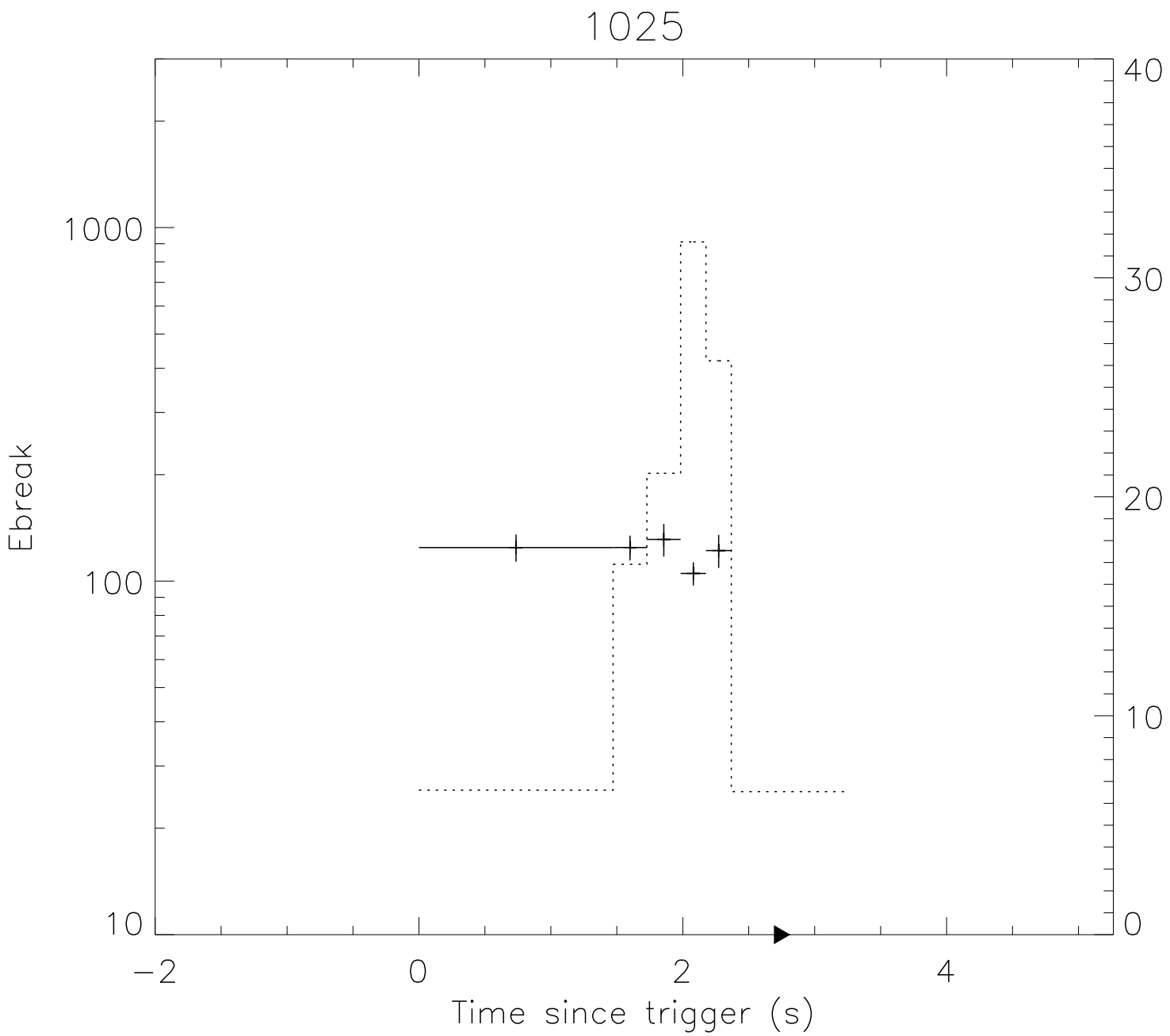

0676
1000
100
10
Ebreak
10
8
6
4
2
0
−40
−20
0
20
40
60
Time since trigger (s)

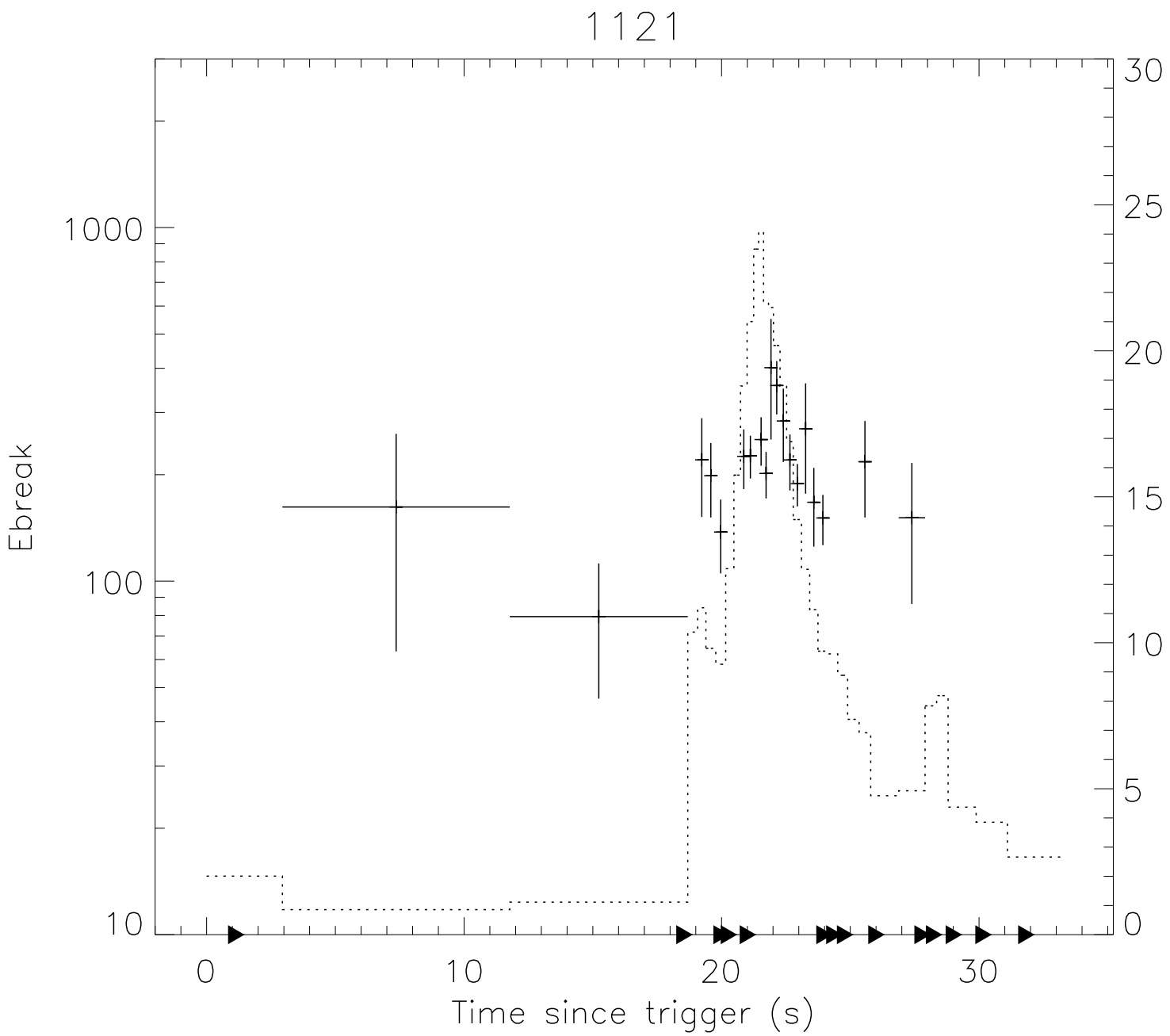

0678
1000
100
10
Ebreak
30
25
20
15
10
5
0
0
10
20
30
Time since trigger (s)

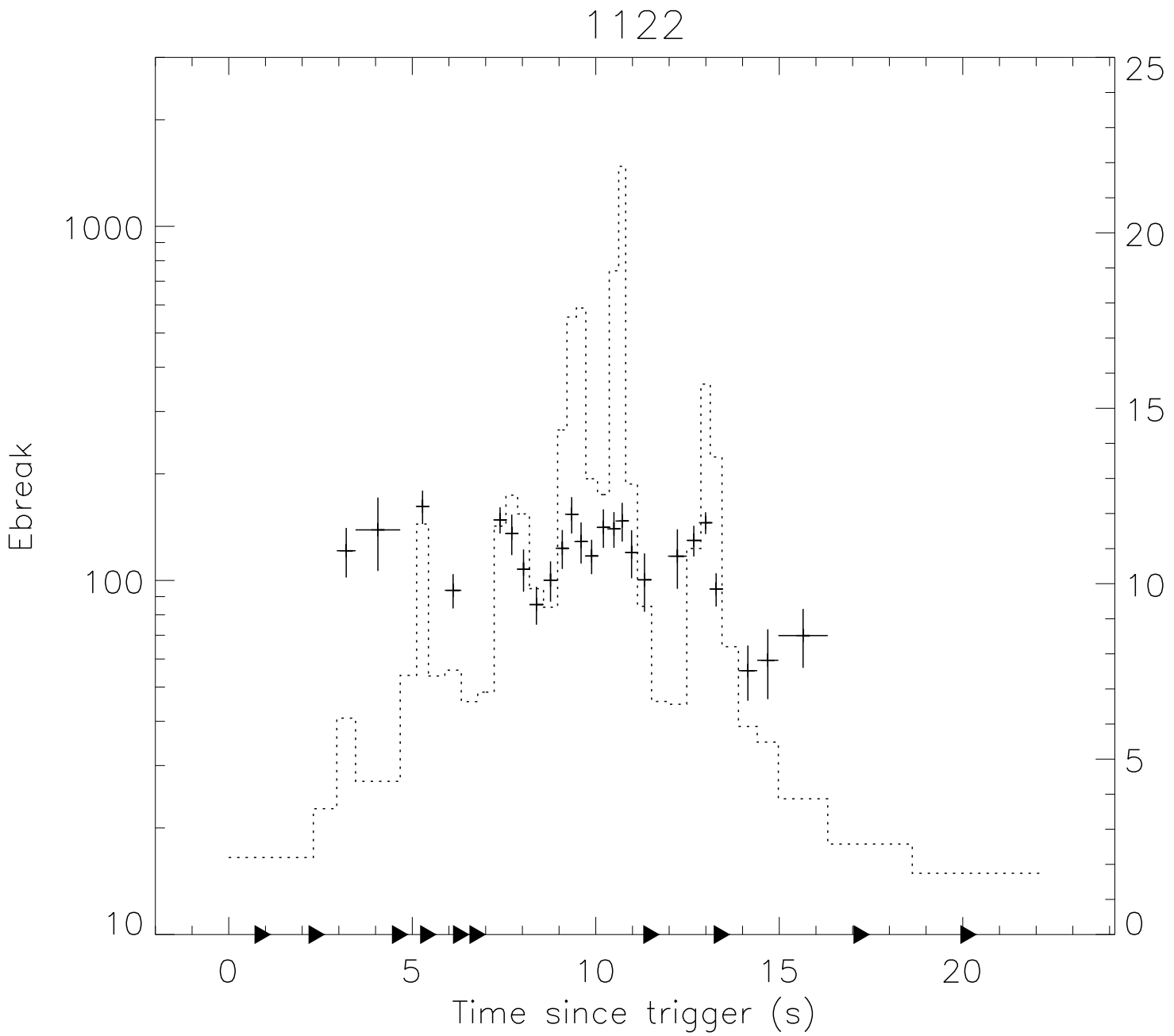

0761
Ebreak
1000
100
10
8
6
4
2
0
0
10
20
30
40
50
Time since trigger (s)

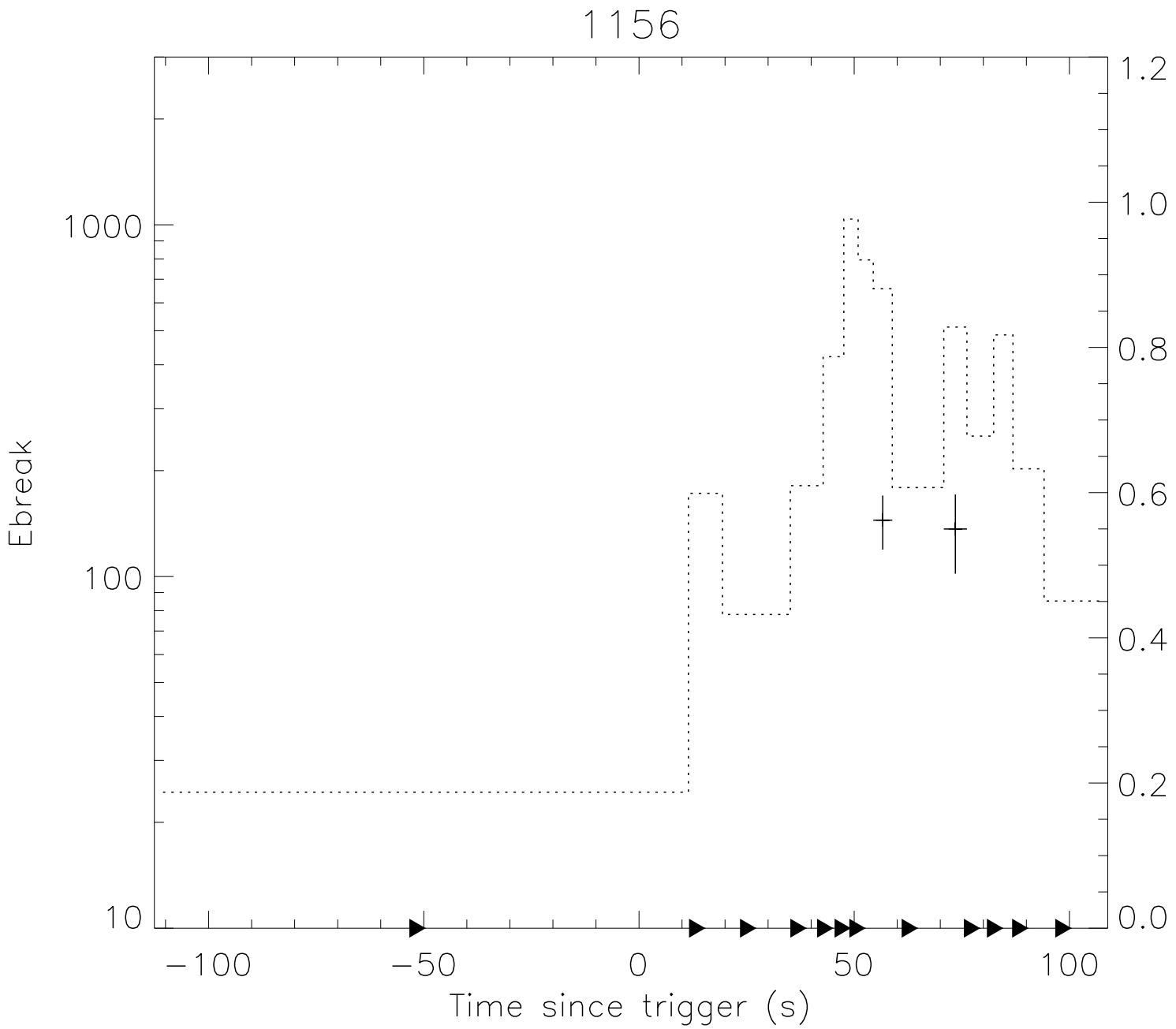

0973
Ebreak
1000
100
10
20
15
10
5
0
0
5
10
15
20
25
30
Time since trigger (s)

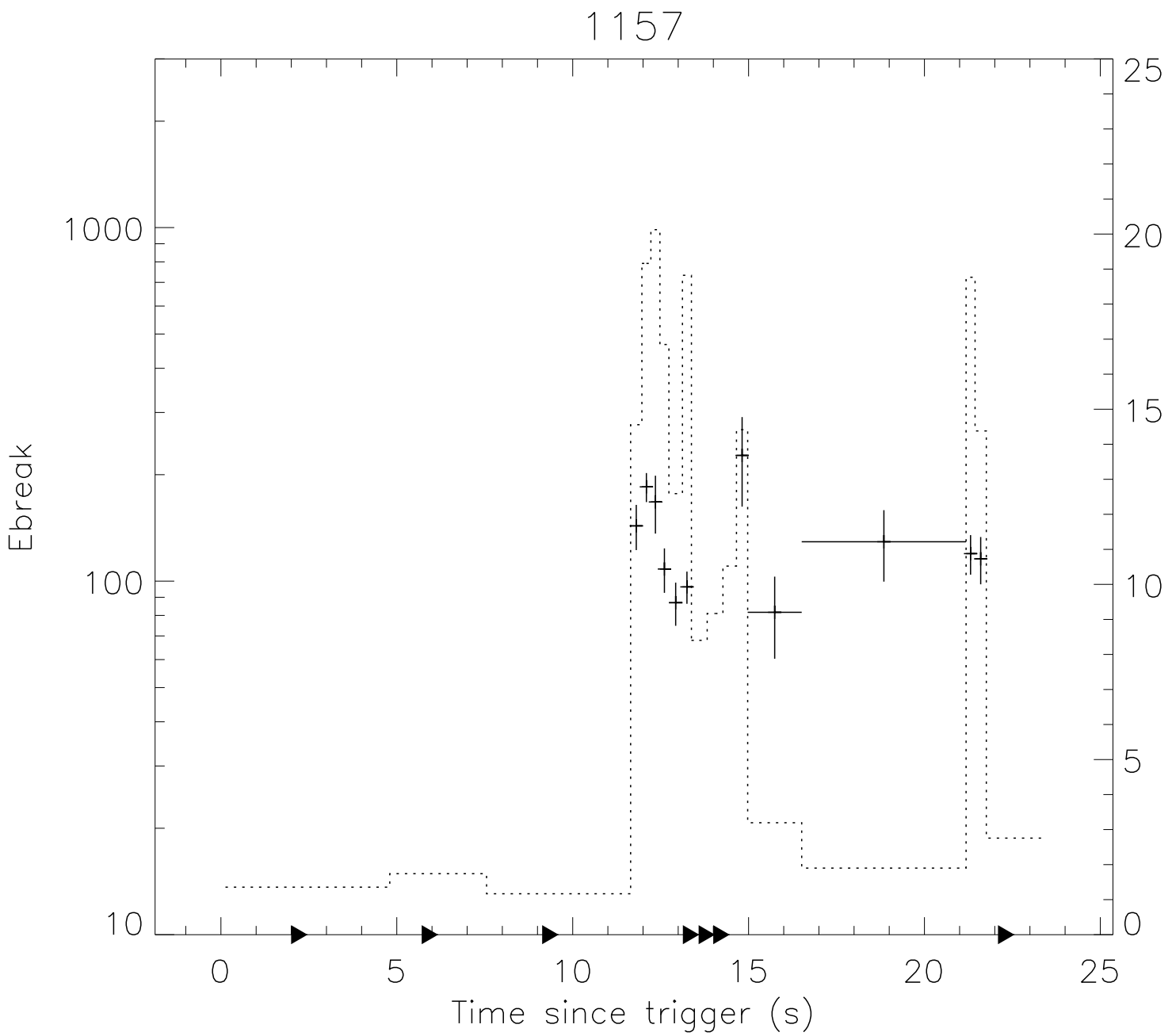

0999
1000
100
10
Ebreak
30
25
20
15
10
5
0
−2
0
2
4
6
Time since trigger (s)

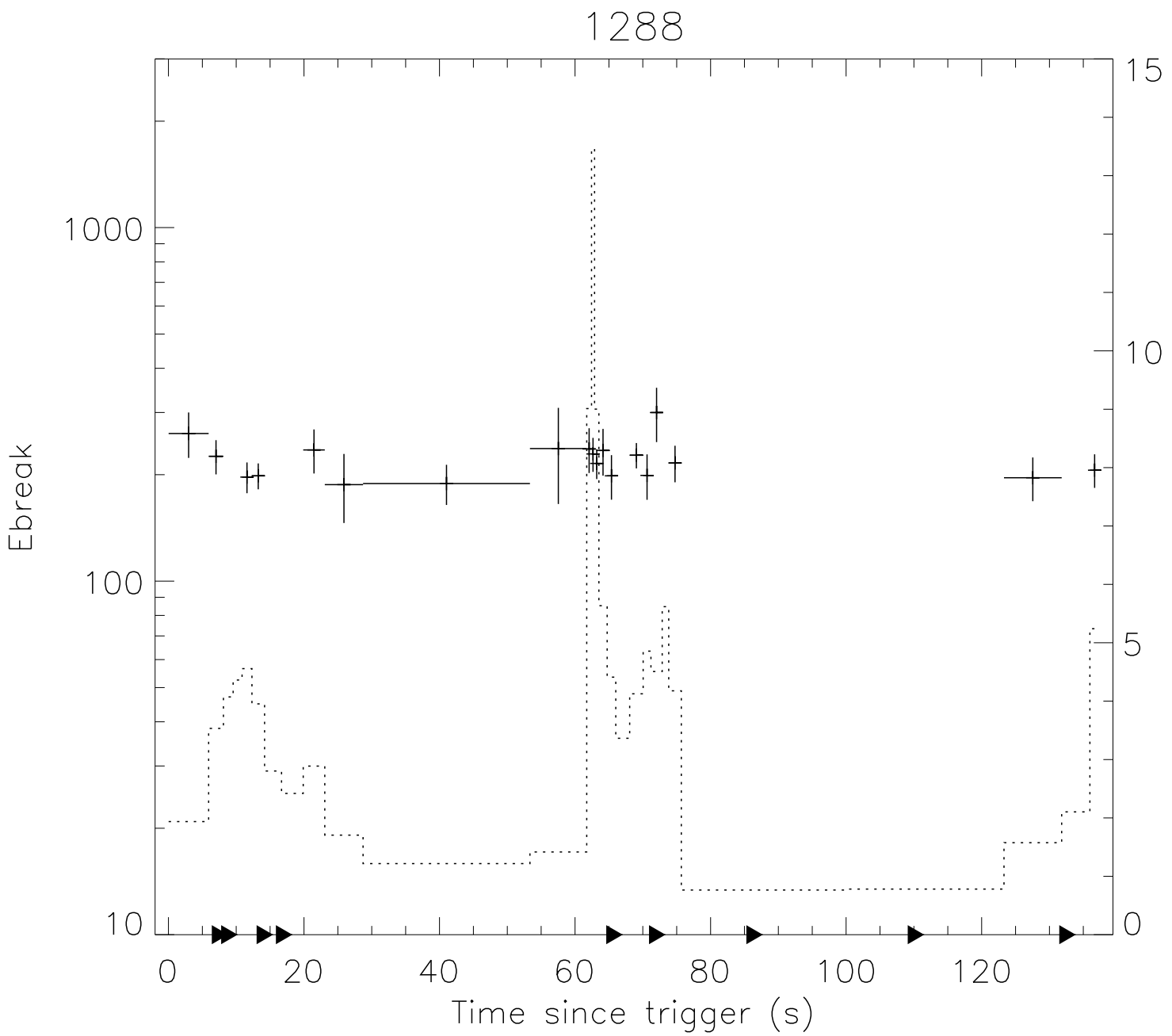

1025
Ebreak
1000
100
10
40
30
20
10
0
−2
0
2
4
Time since trigger (s)

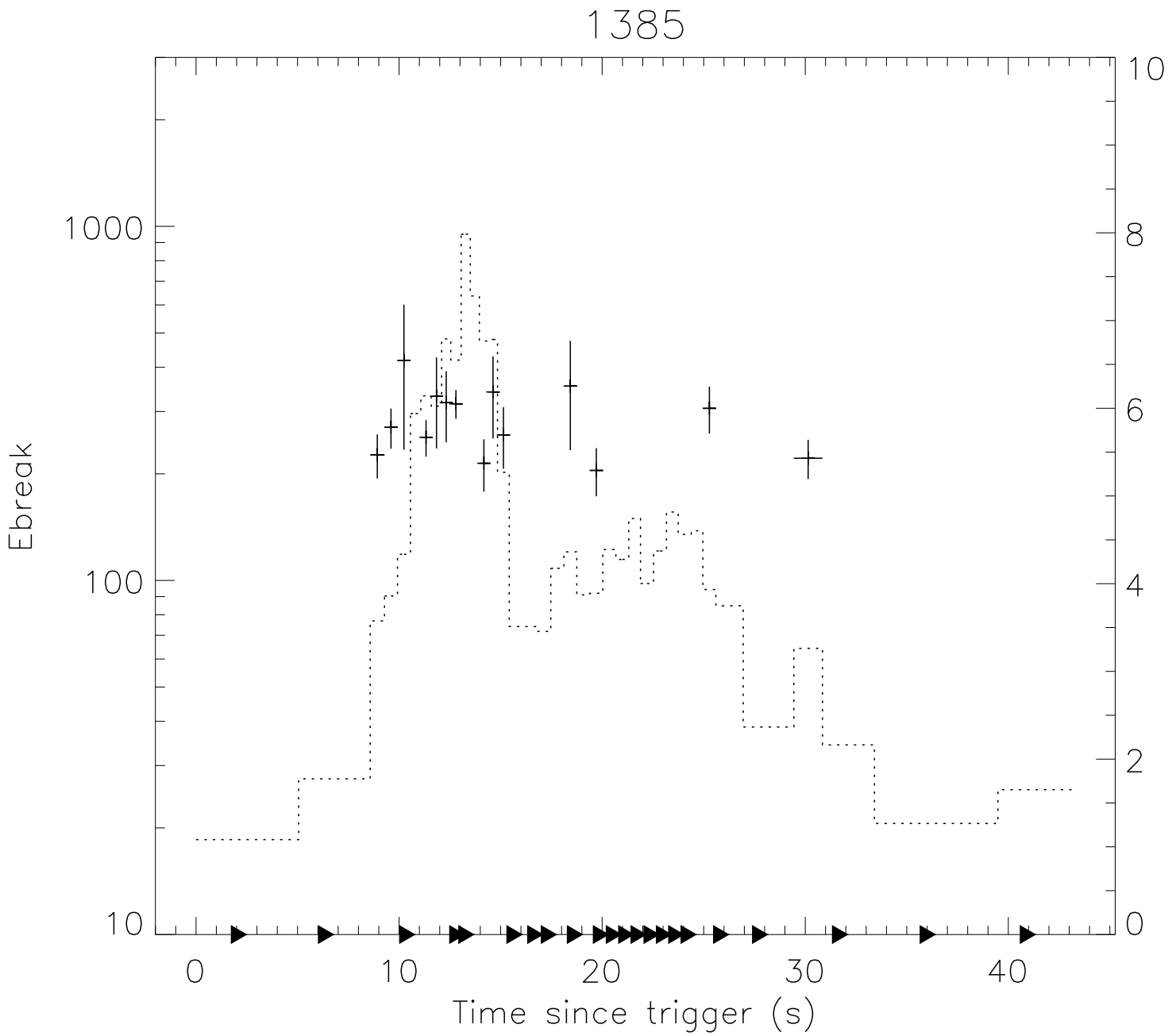

1121
Ebreak
1000
100
10
0
10
20
30
Time since trigger (s)
30
25
20
15
10
5
0

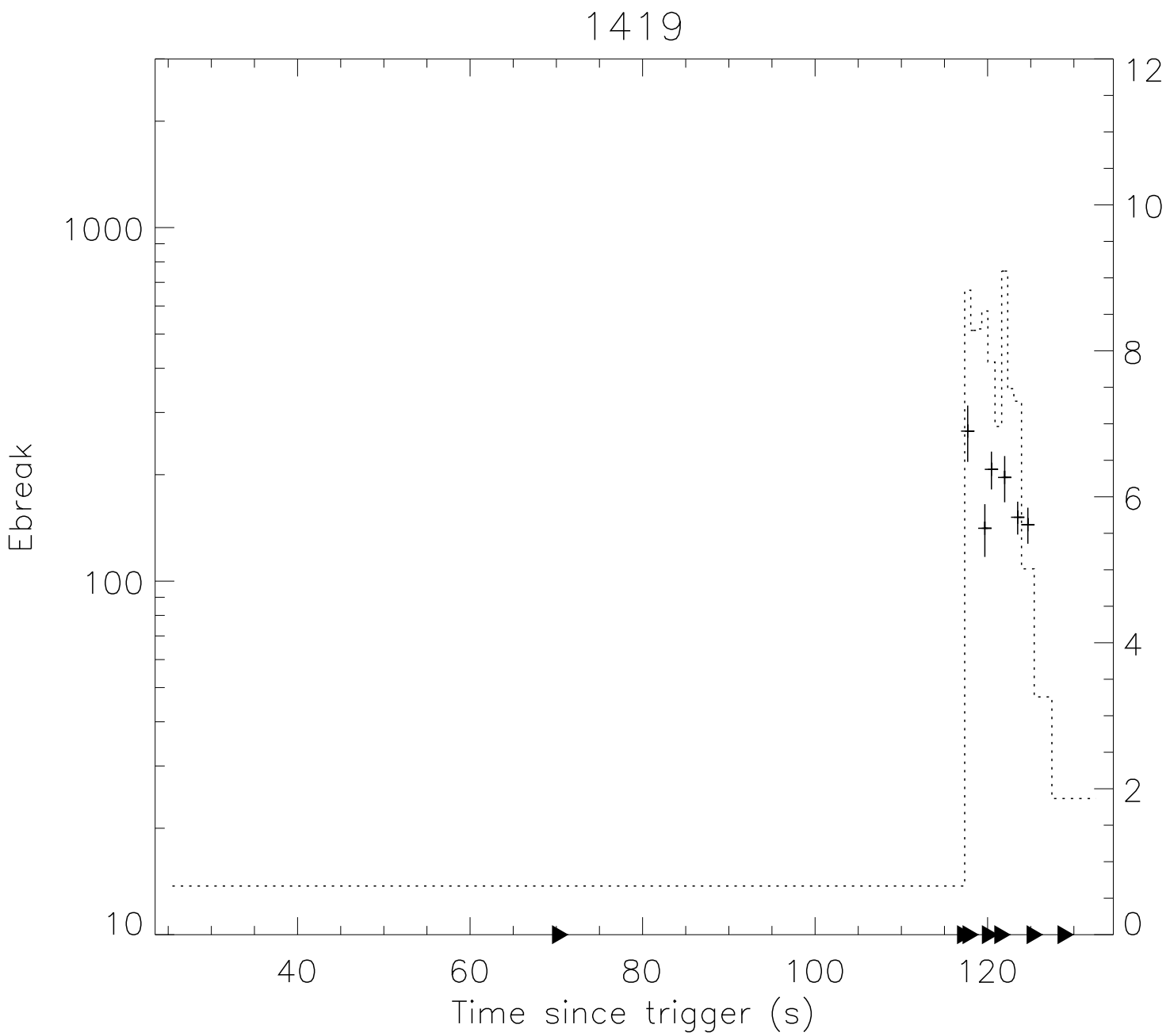

1122
Ebreak
1000
100
10
25
20
15
10
5
0
0
5
10
15
20
Time since trigger (s)

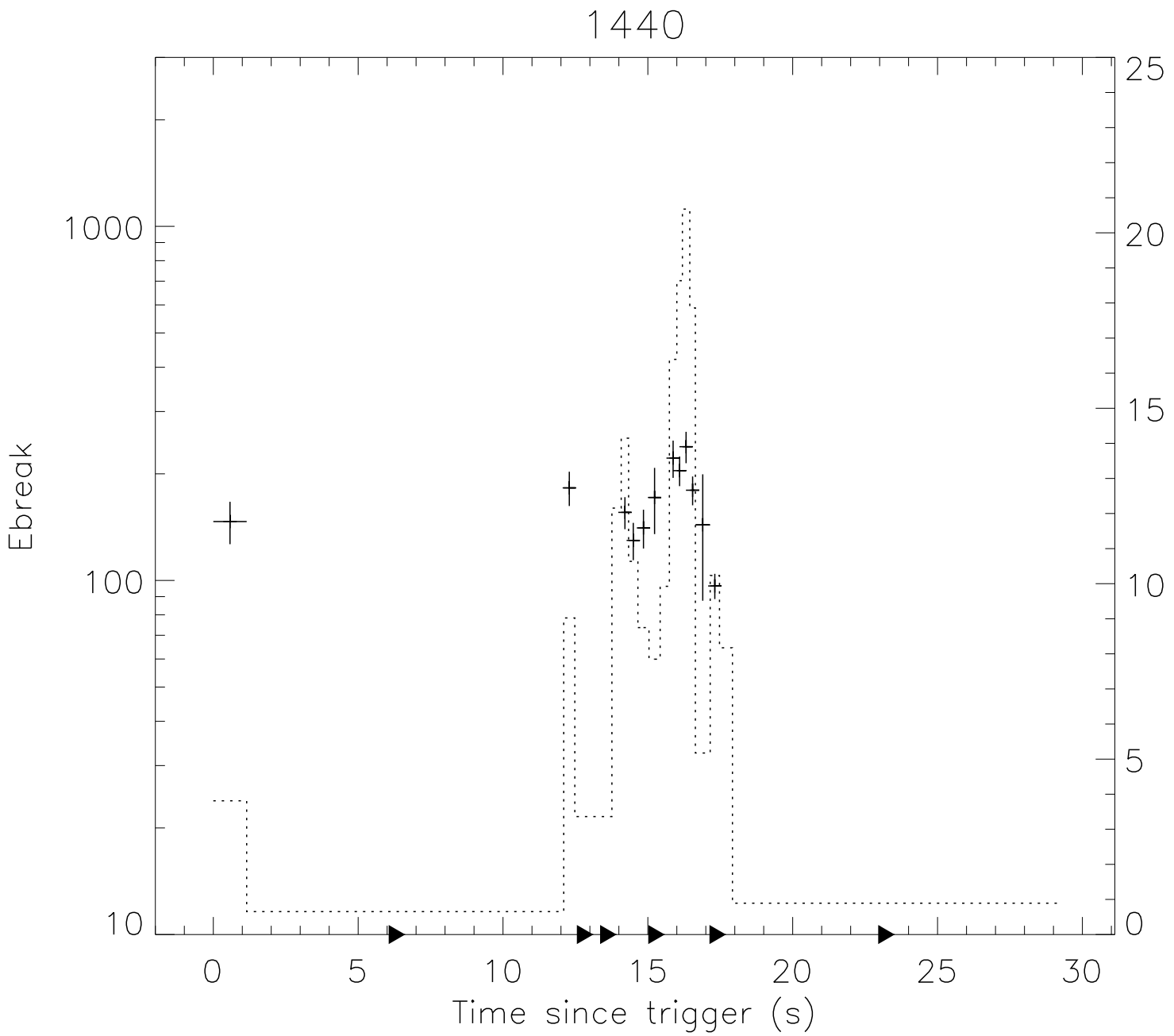

1156
1000
100
10
Ebreak
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Time since trigger (s)

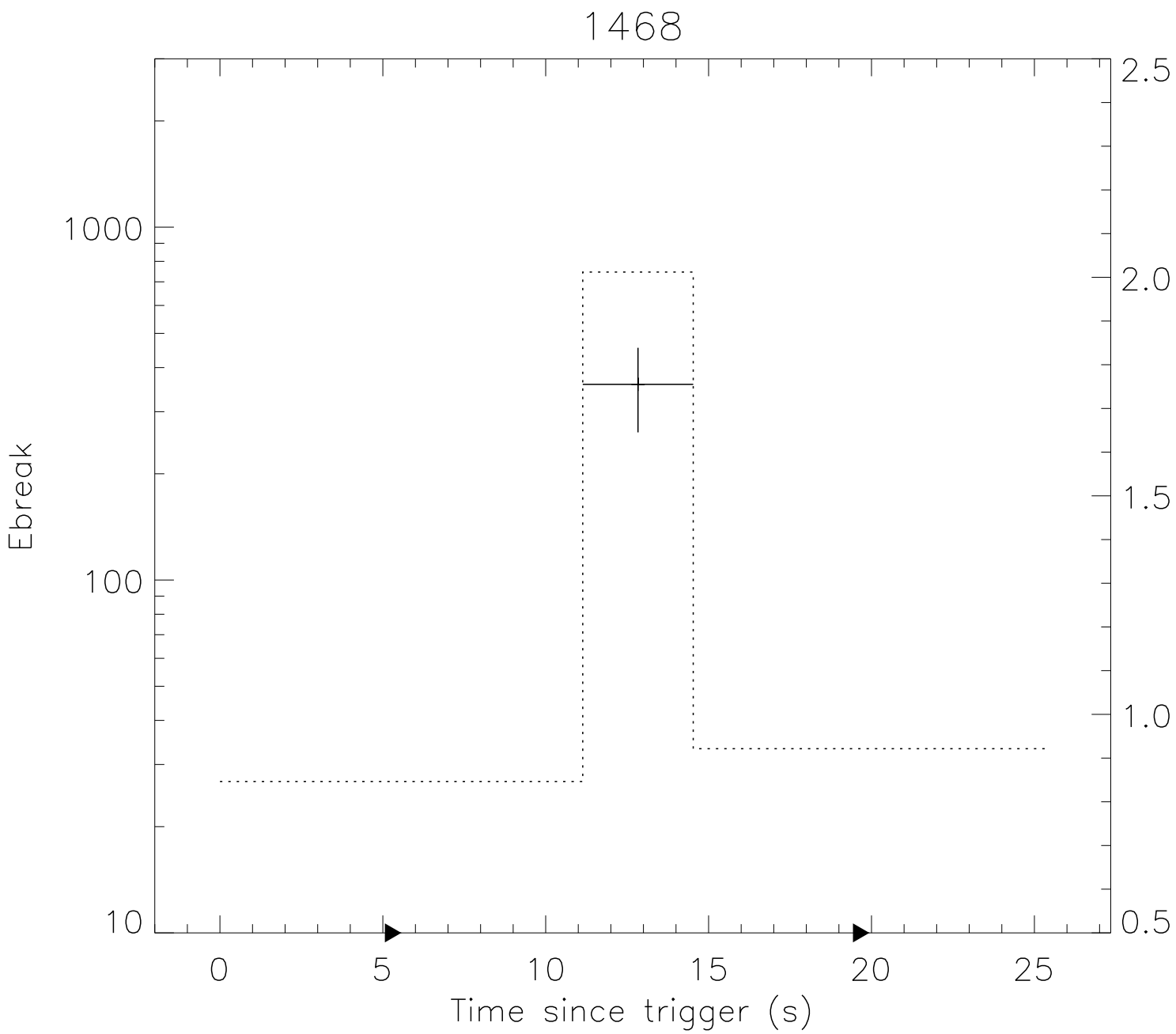

1157
Ebreak
1000
100
10
25
20
15
10
5
0
0
5
10
15
20
25
Time since trigger (s)

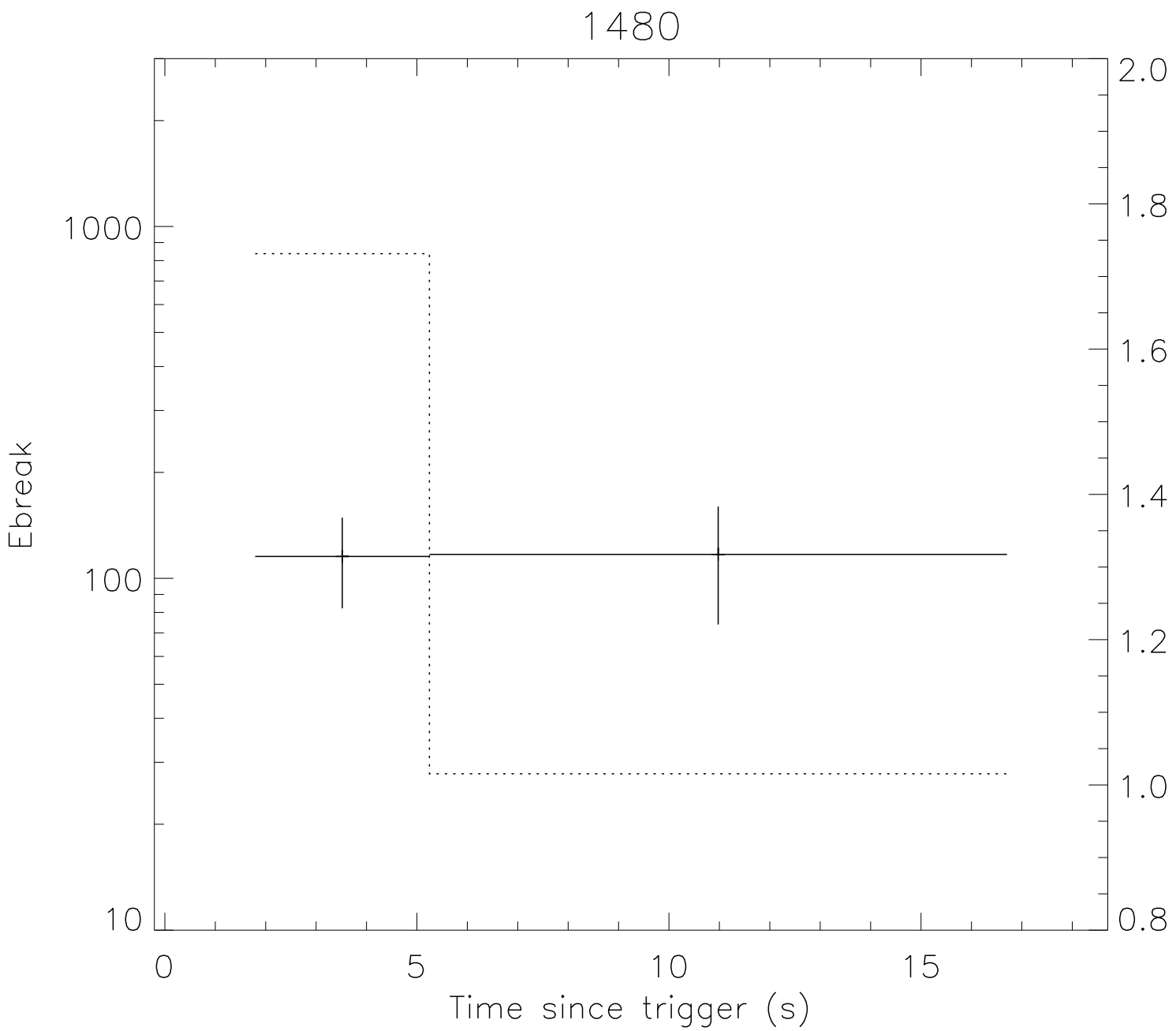

1288
Ebreak
1000
100
10
15
10
5
0
0
20
40
60
80
100
120
Time since trigger (s)

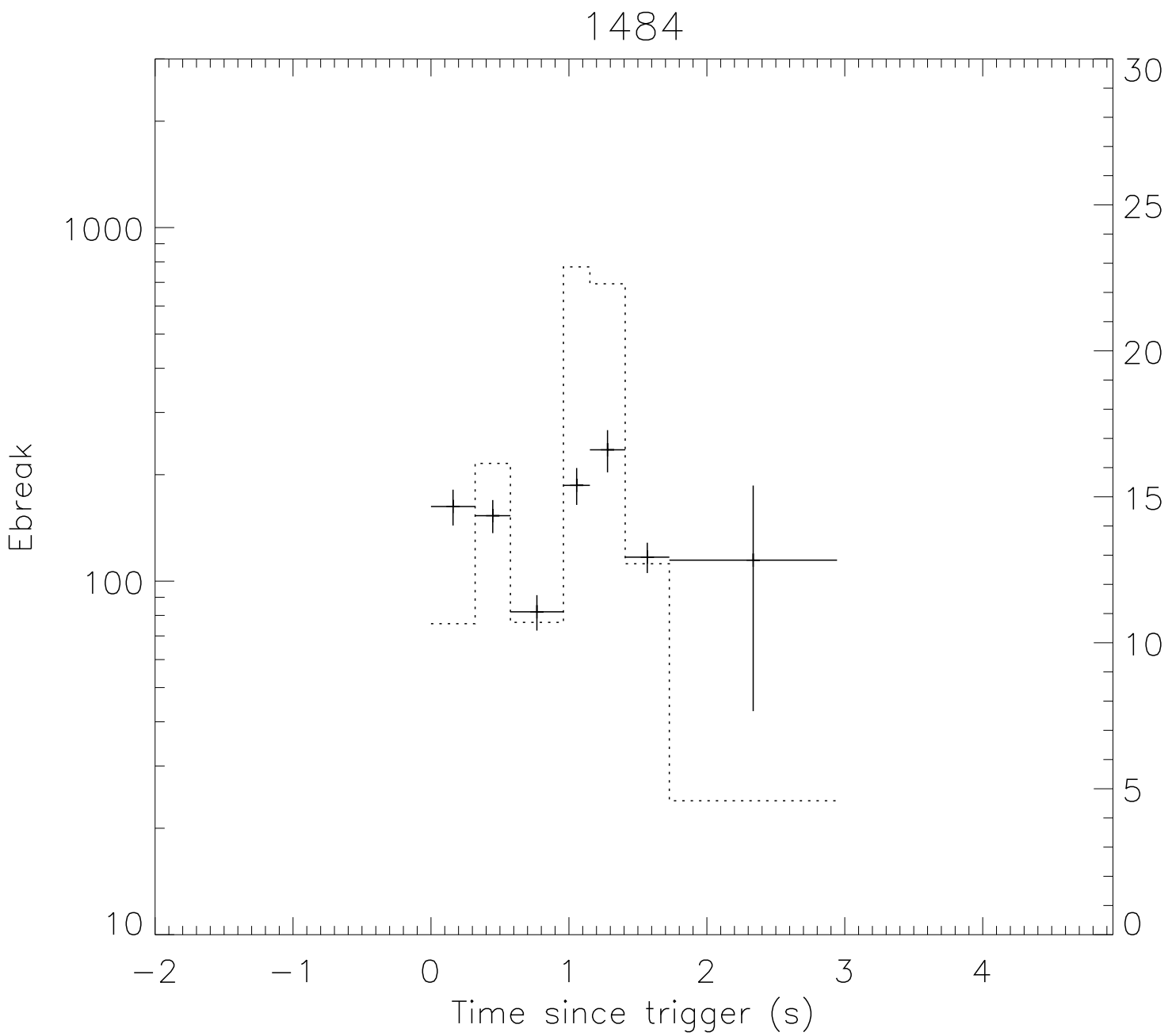

1385
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
10
8
6
4
2
0

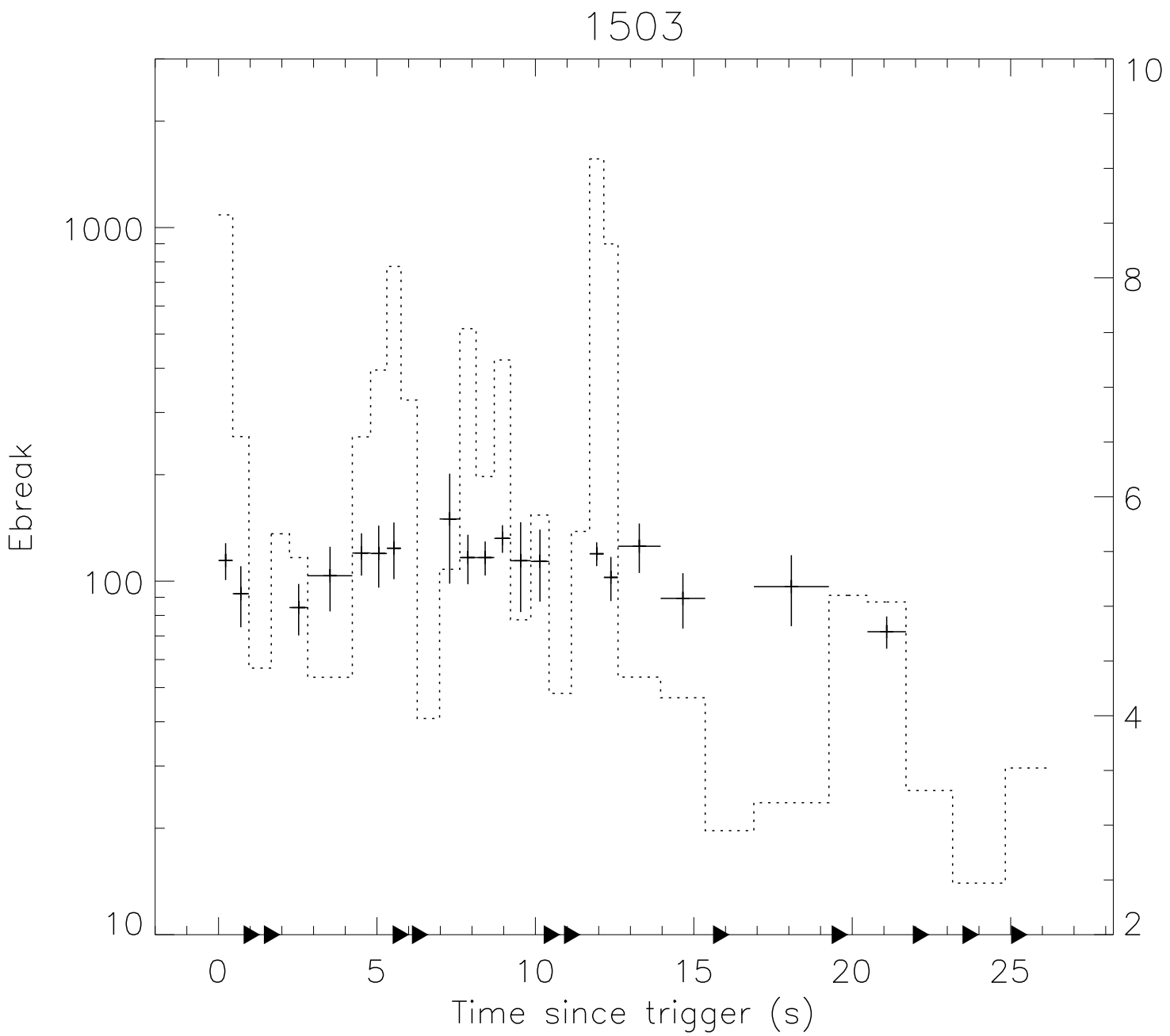

1419
Ebreak
1000
100
10
12
10
8
6
4
2
0
40
60
80
100
120
Time since trigger (s)

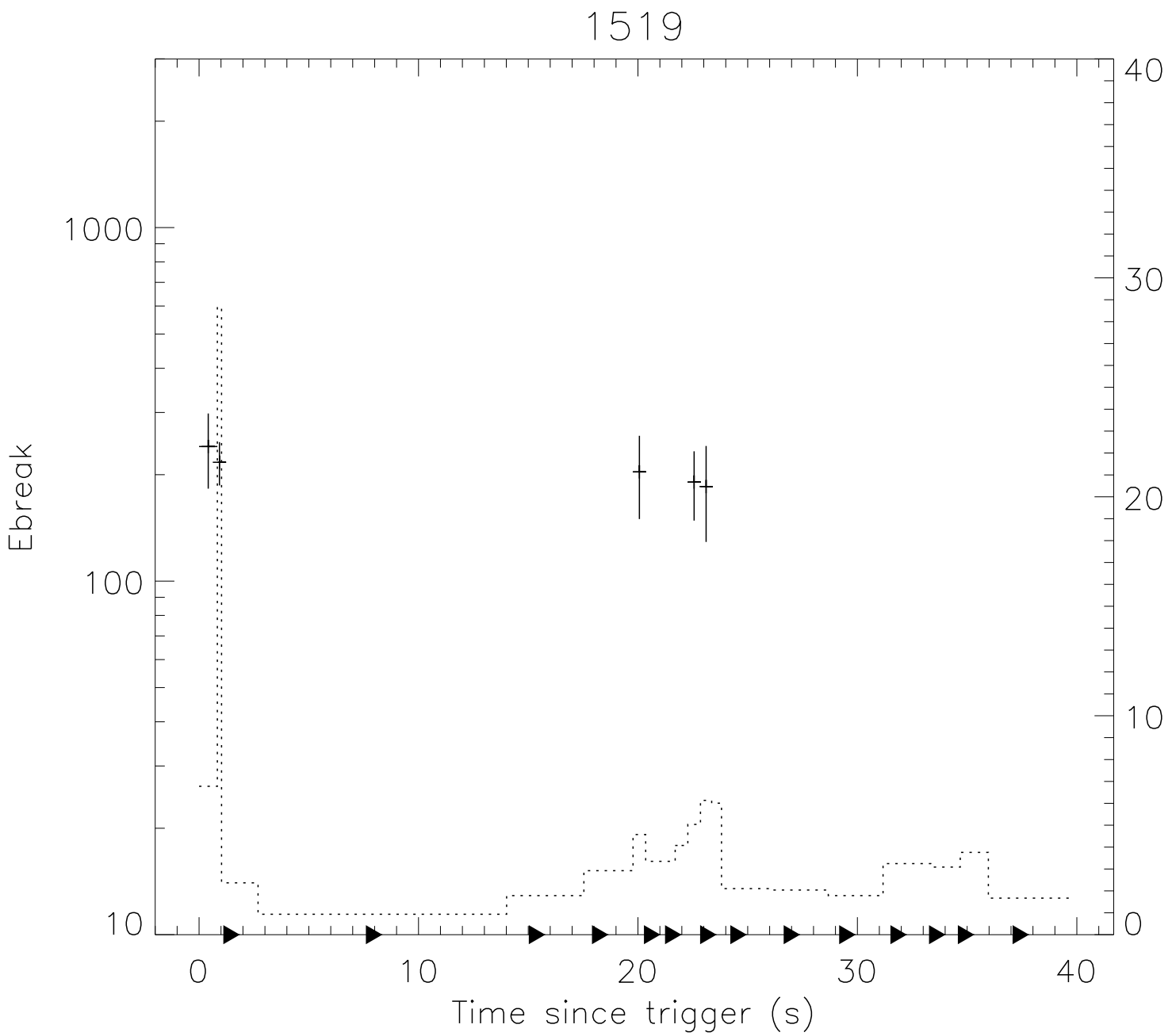

1440
Ebreak
1000
100
10
25
20
15
10
5
0
0
5
10
15
20
25
30
Time since trigger (s)

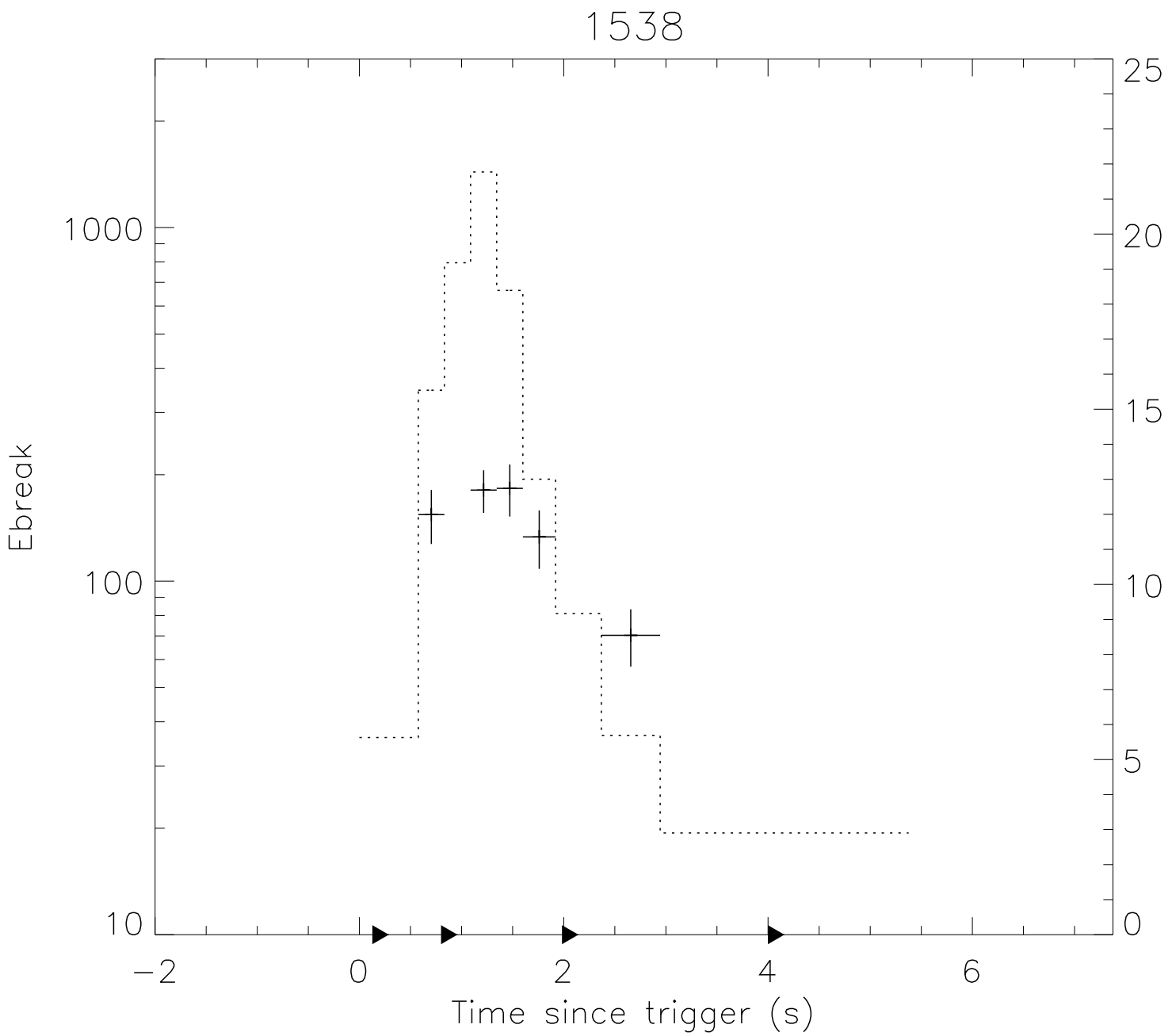

1468
1000
100
10
Ebreak
2.5
2.0
1.5
1.0
0.5
0
5
10
15
20
25
Time since trigger (s)

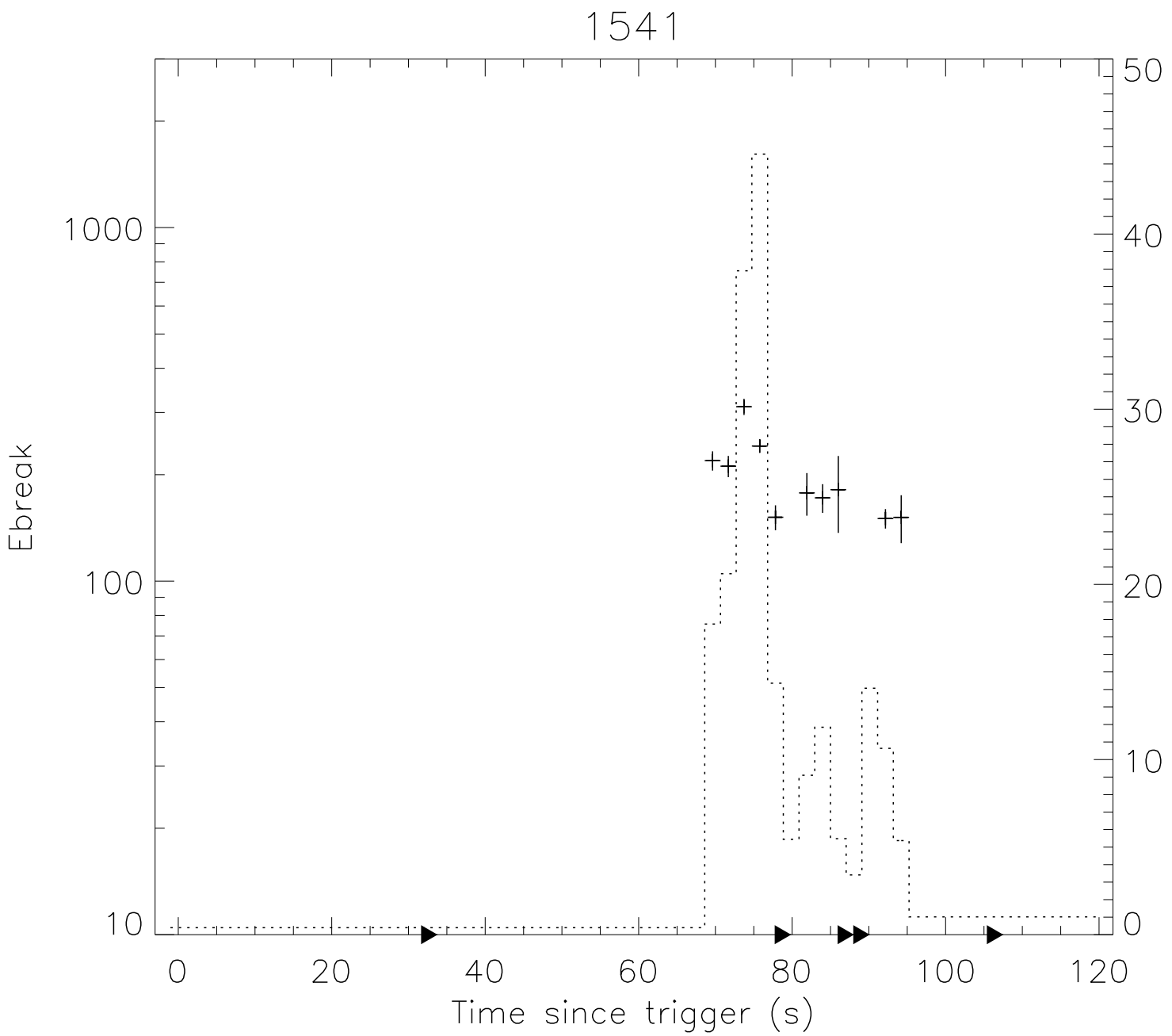

1480
Ebreak
1000
100
10
0
5
10
15
Time since trigger (s)
2.0
1.8
1.6
1.4
1.2
1.0
0.8

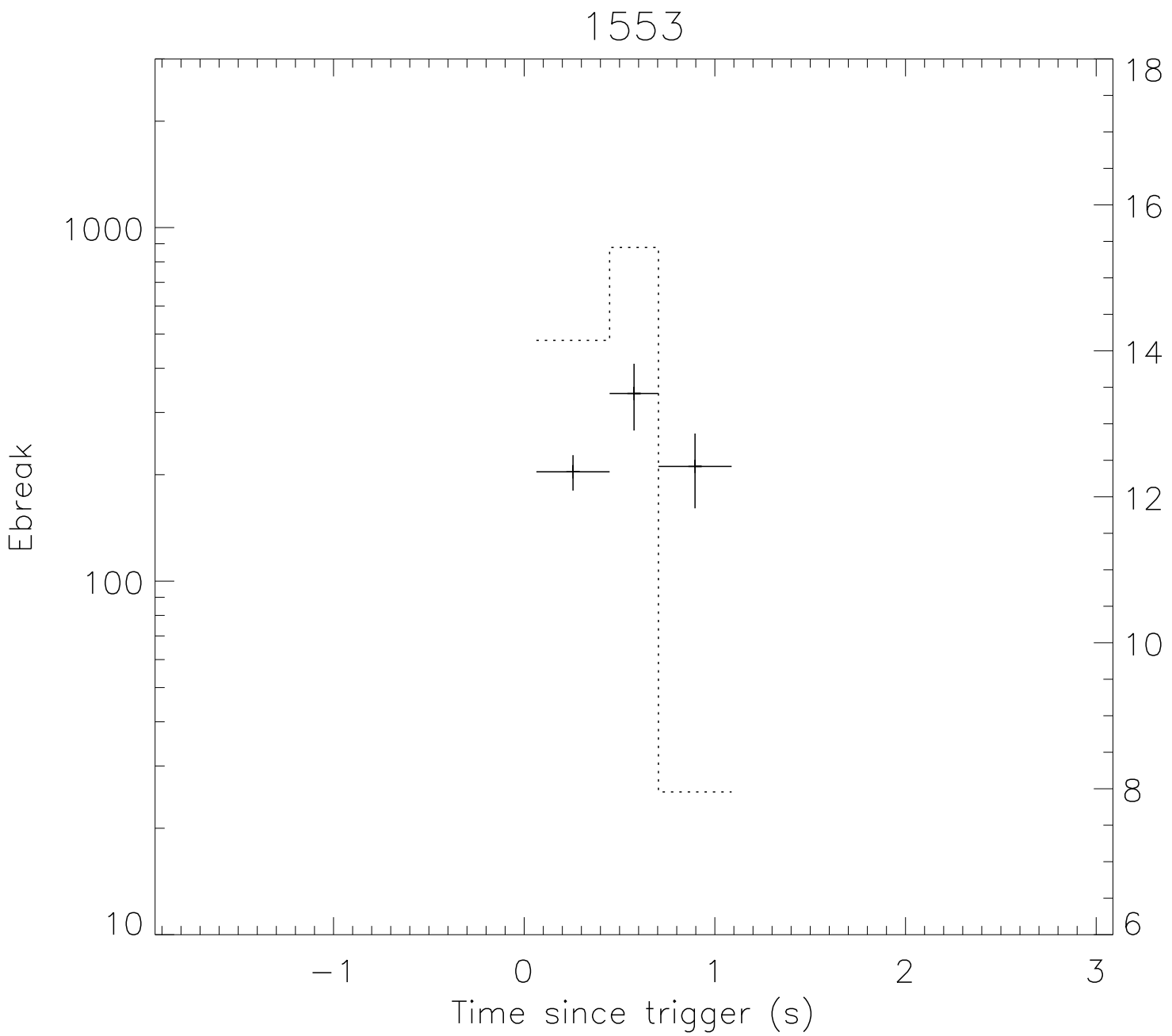

1484
Ebreak
1000
100
10
30
25
20
15
10
5
0
−2
−1
0
1
2
3
4
Time since trigger (s)

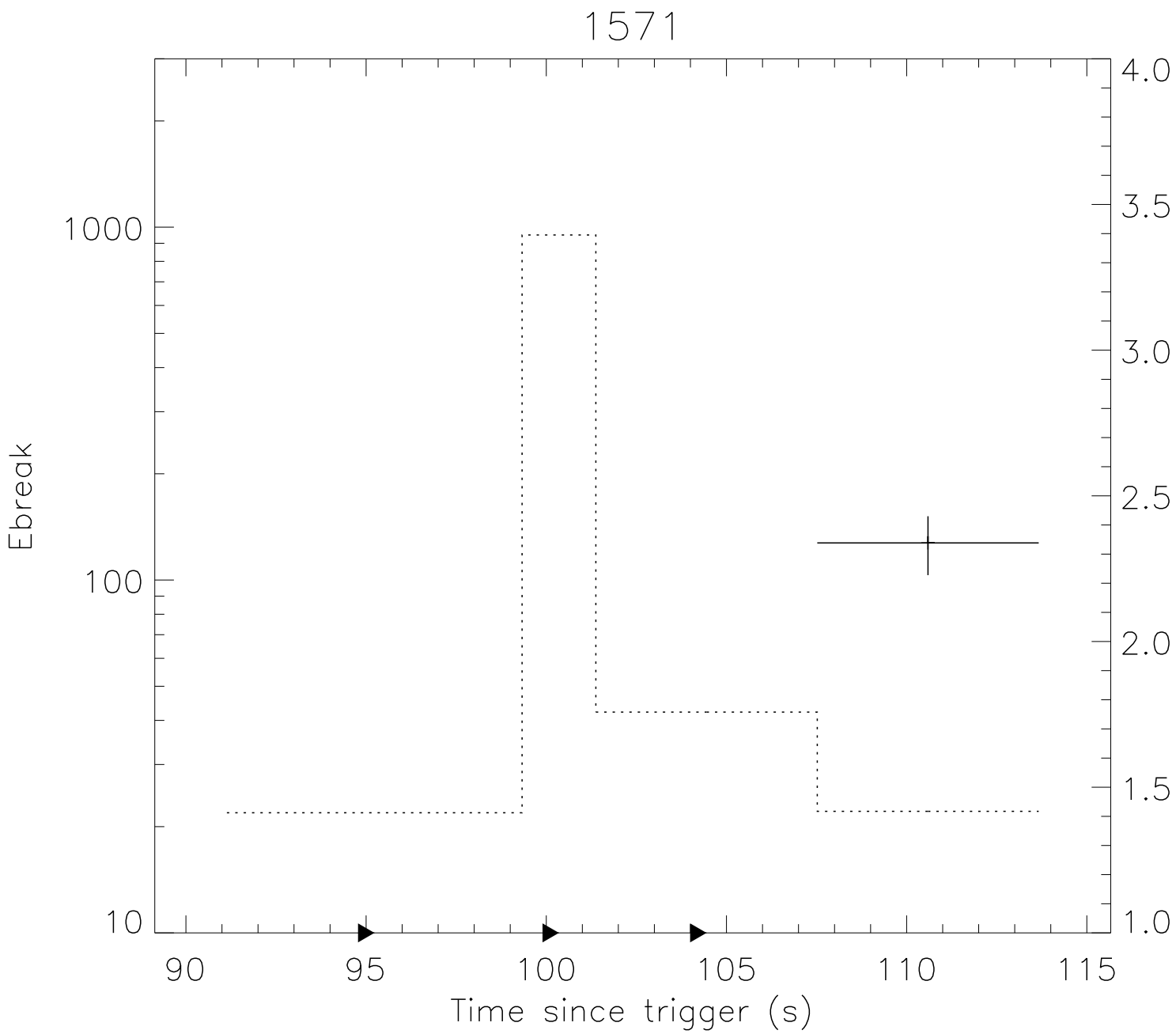

1503
Ebreak
1000
100
10
10
8
6
4
2
0
5
10
15
20
25
Time since trigger (s)

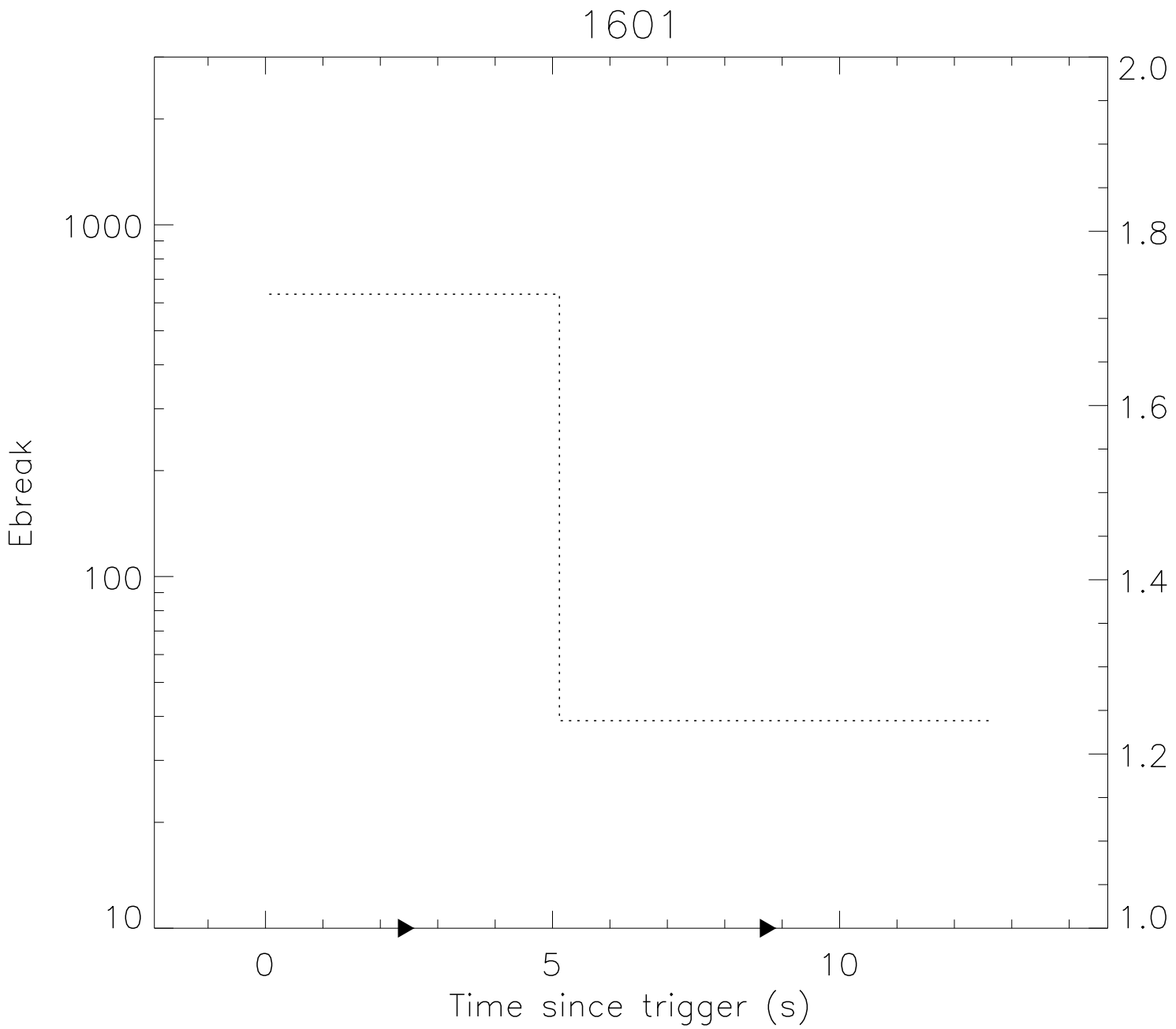

1519
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
40
30
20
10
0

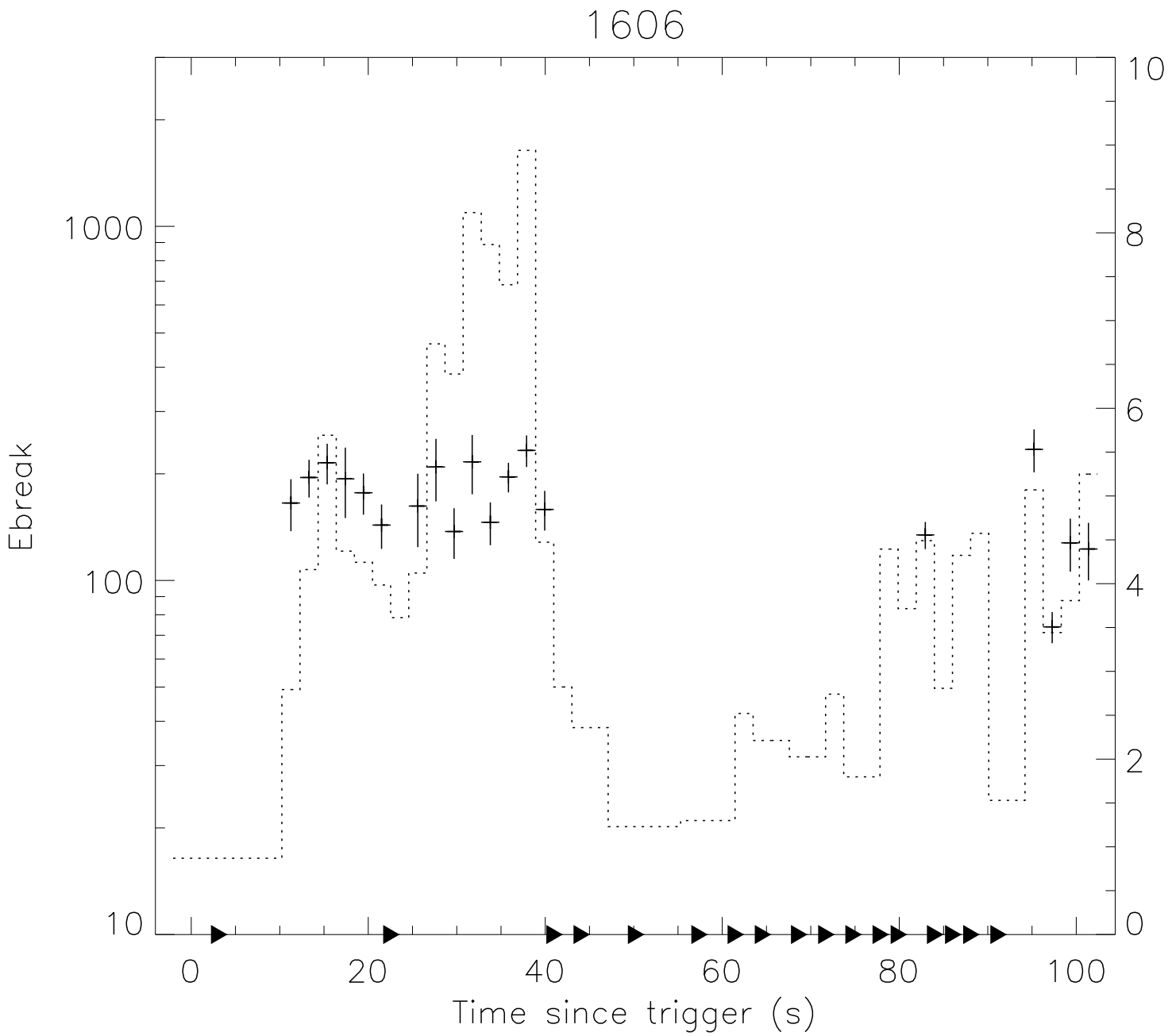

1538
Ebreak
1000
100
10
25
20
15
10
5
0
−2
0
2
4
6
Time since trigger (s)

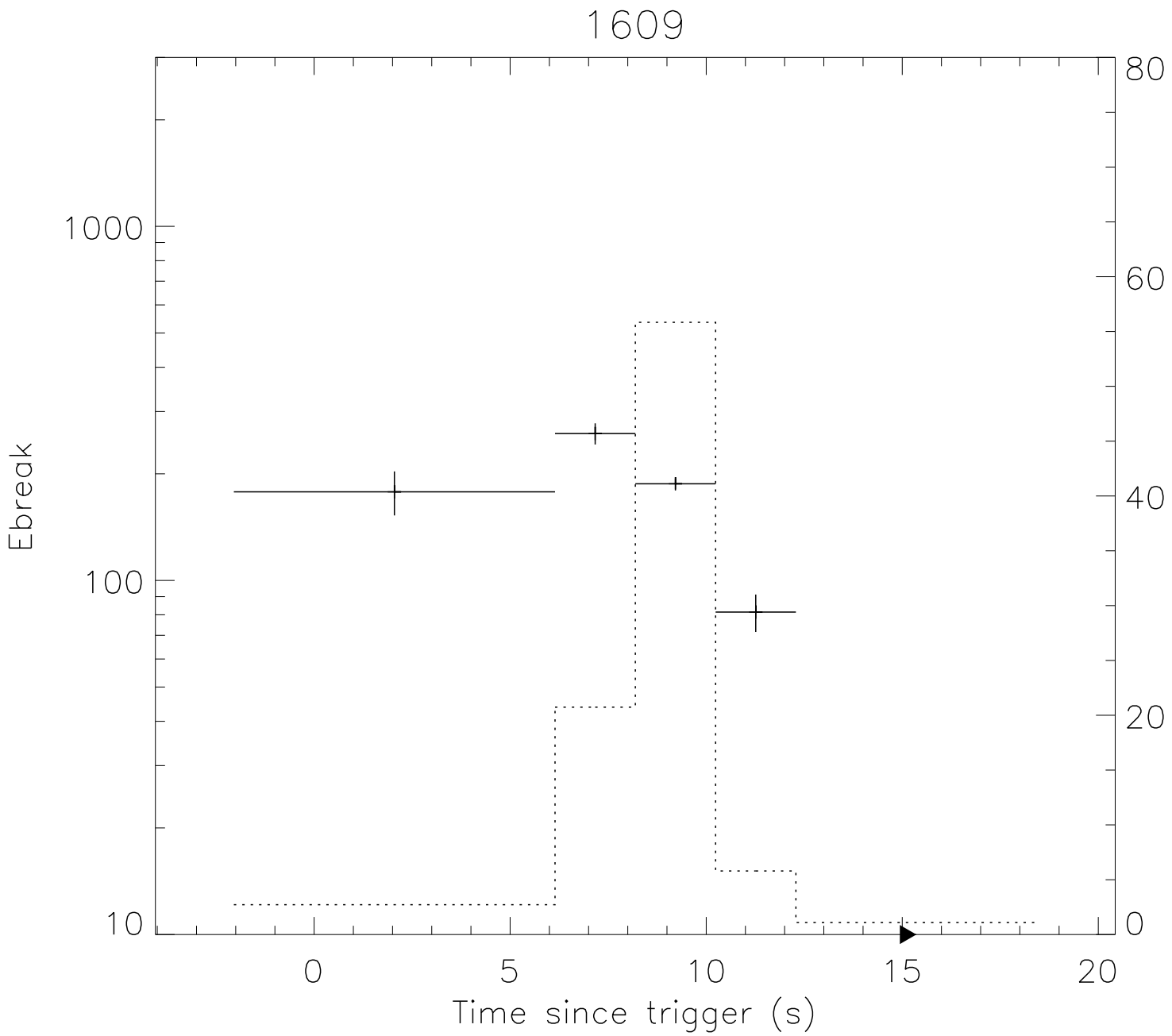

1541
Ebreak
1000
100
10
50
40
30
20
10
0
0
20
40
60
80
100
120
Time since trigger (s)

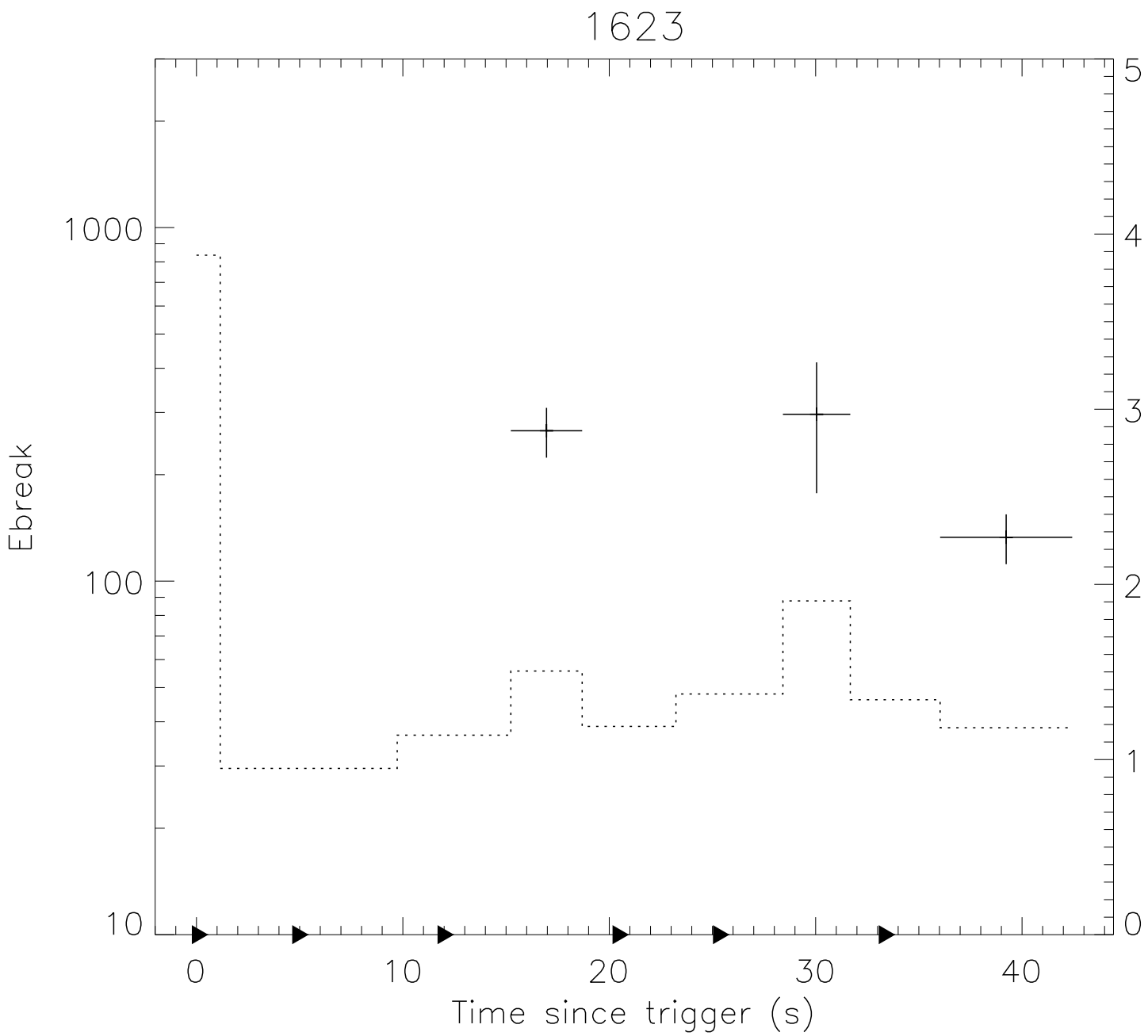

1553
Ebreak
1000
100
10
18
16
14
12
10
8
6
−1
0
1
2
3
Time since trigger (s)

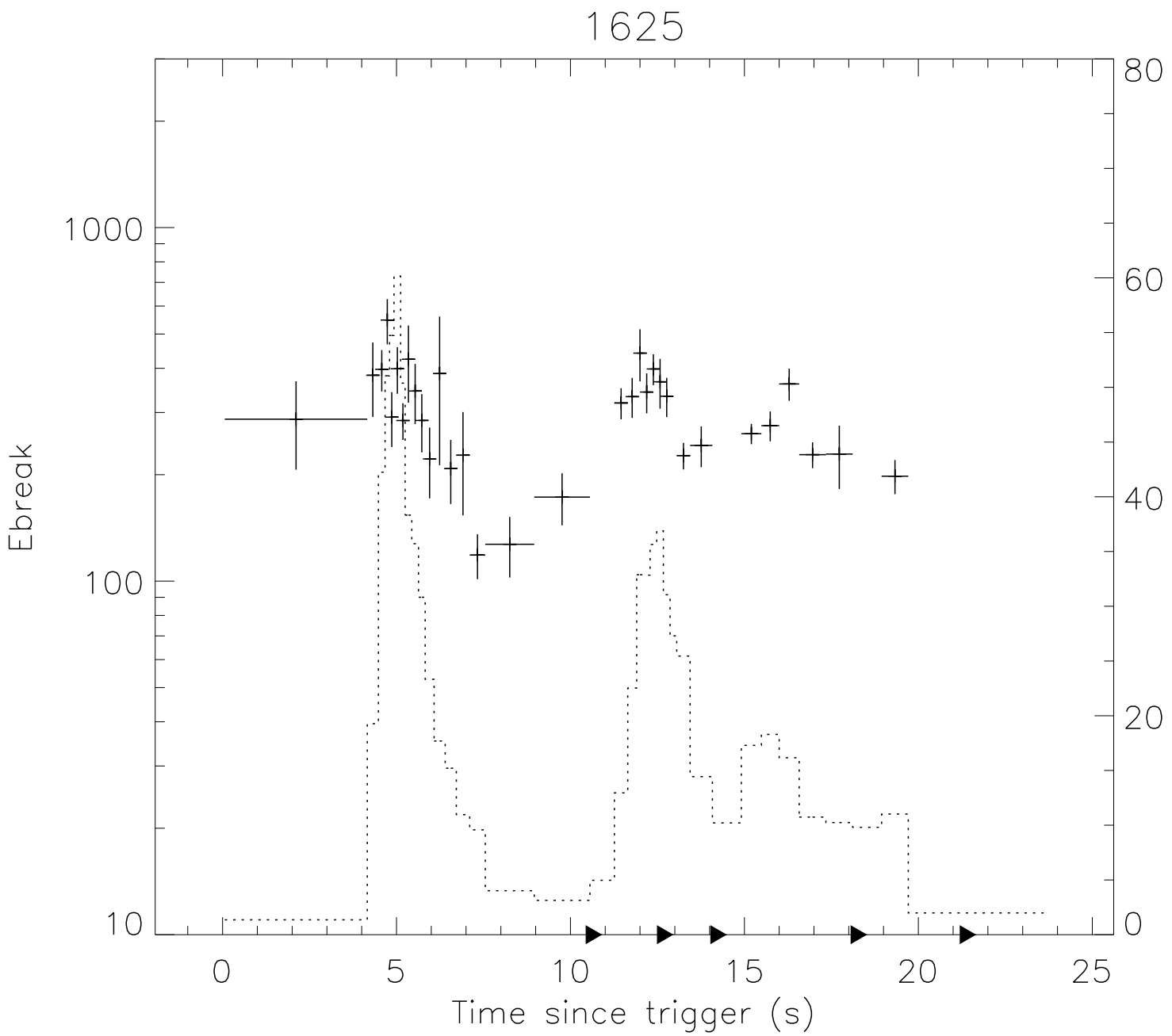

1571
Ebreak
1000
100
10
4.0
3.5
3.0
2.5
2.0
1.5
1.0
90
95
100
105
110
115
Time since trigger (s)

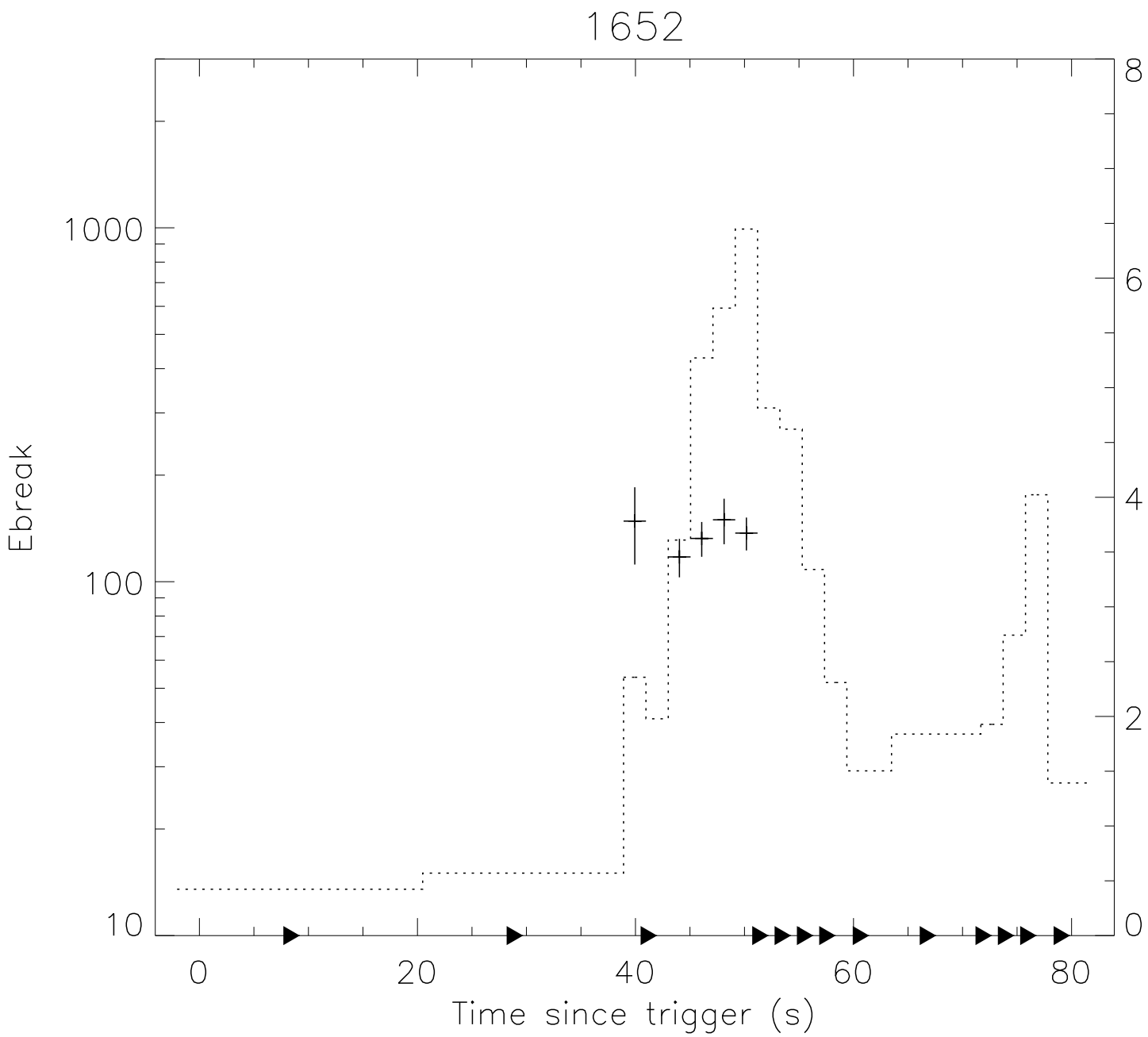

1601
2.0
1.8
1.6
1.4
1.2
1.0
1000
100
10
Ebreak
0
5
10
Time since trigger (s)

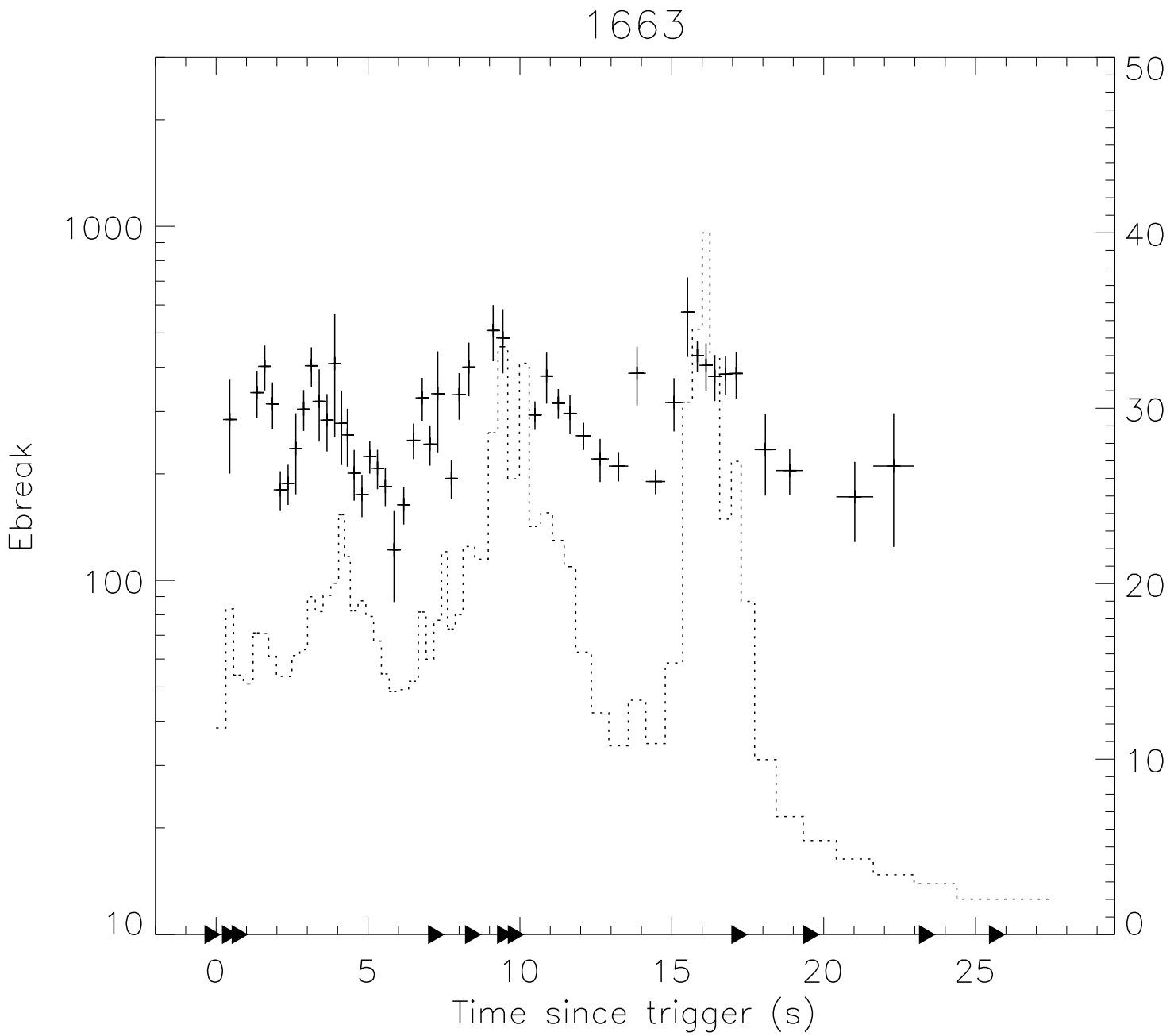

1606
Ebreak
1000
100
10
10
8
6
4
2
0
0
20
40
60
80
100
Time since trigger (s)

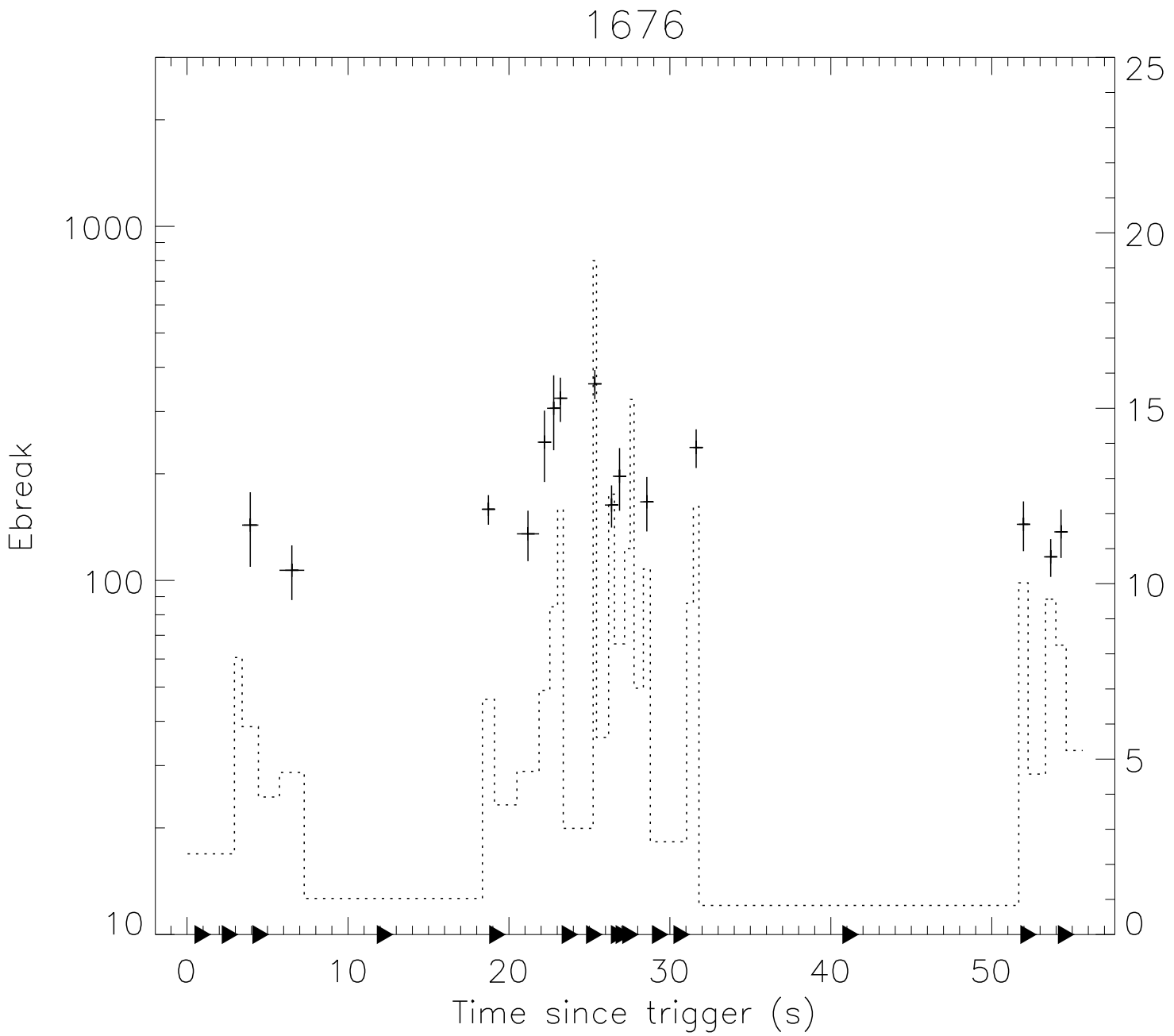

1609
Ebreak
1000
100
10
80
60
40
20
0
0
5
10
15
20
Time since trigger (s)

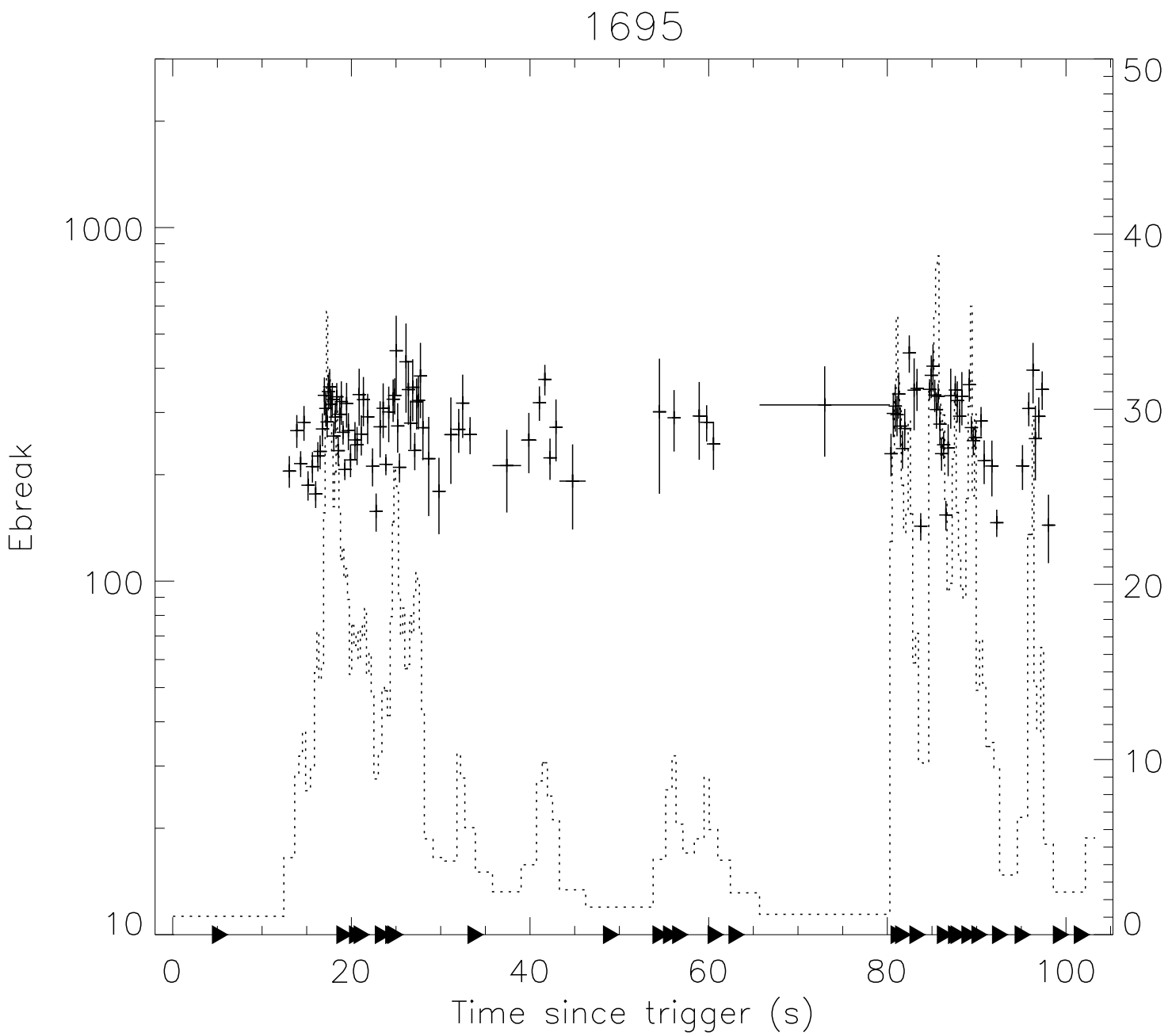

1623
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
5
4
3
2
1
0

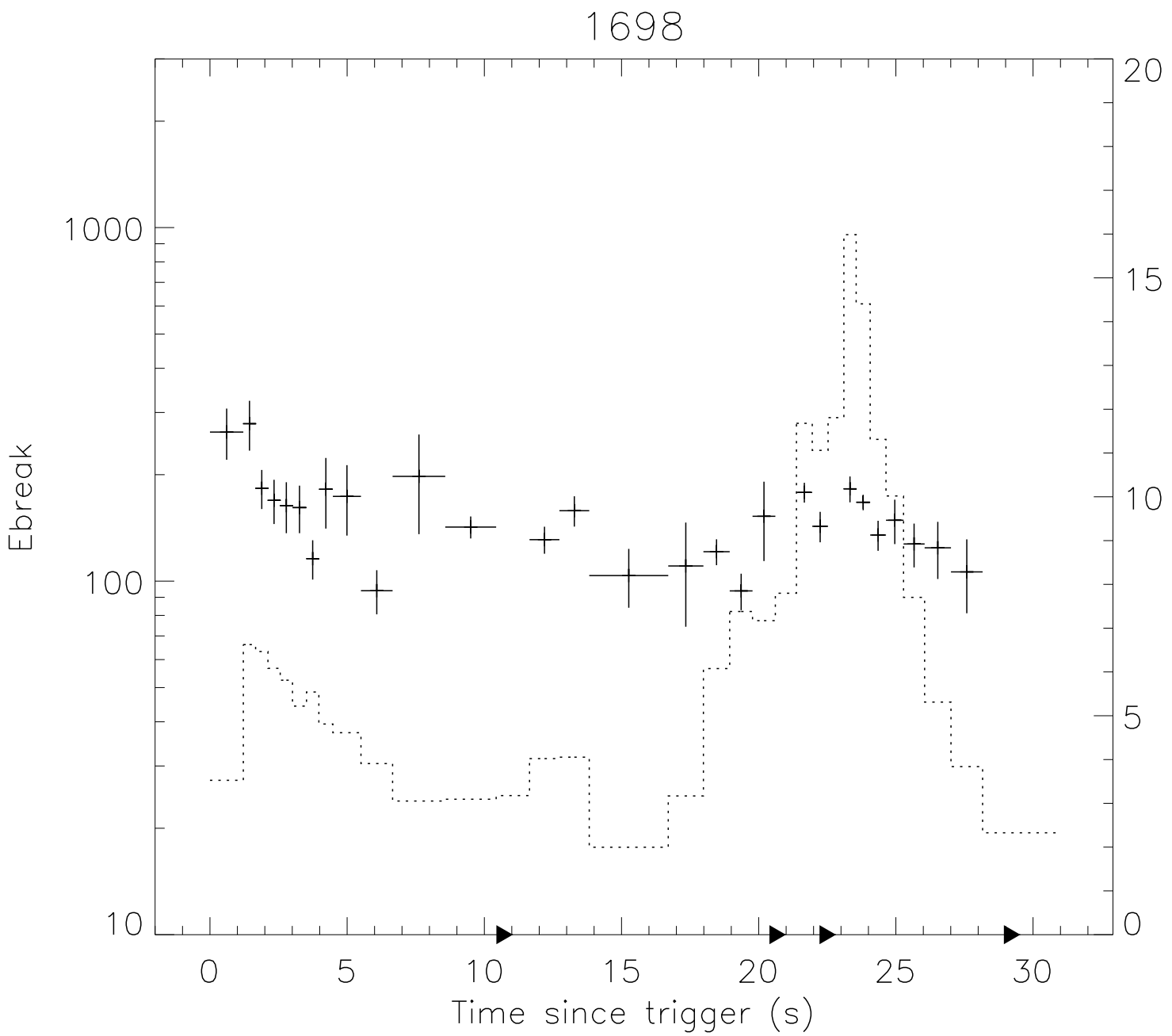

1625
Ebreak
1000
100
10
80
60
40
20
0
0
5
10
15
20
25
Time since trigger (s)

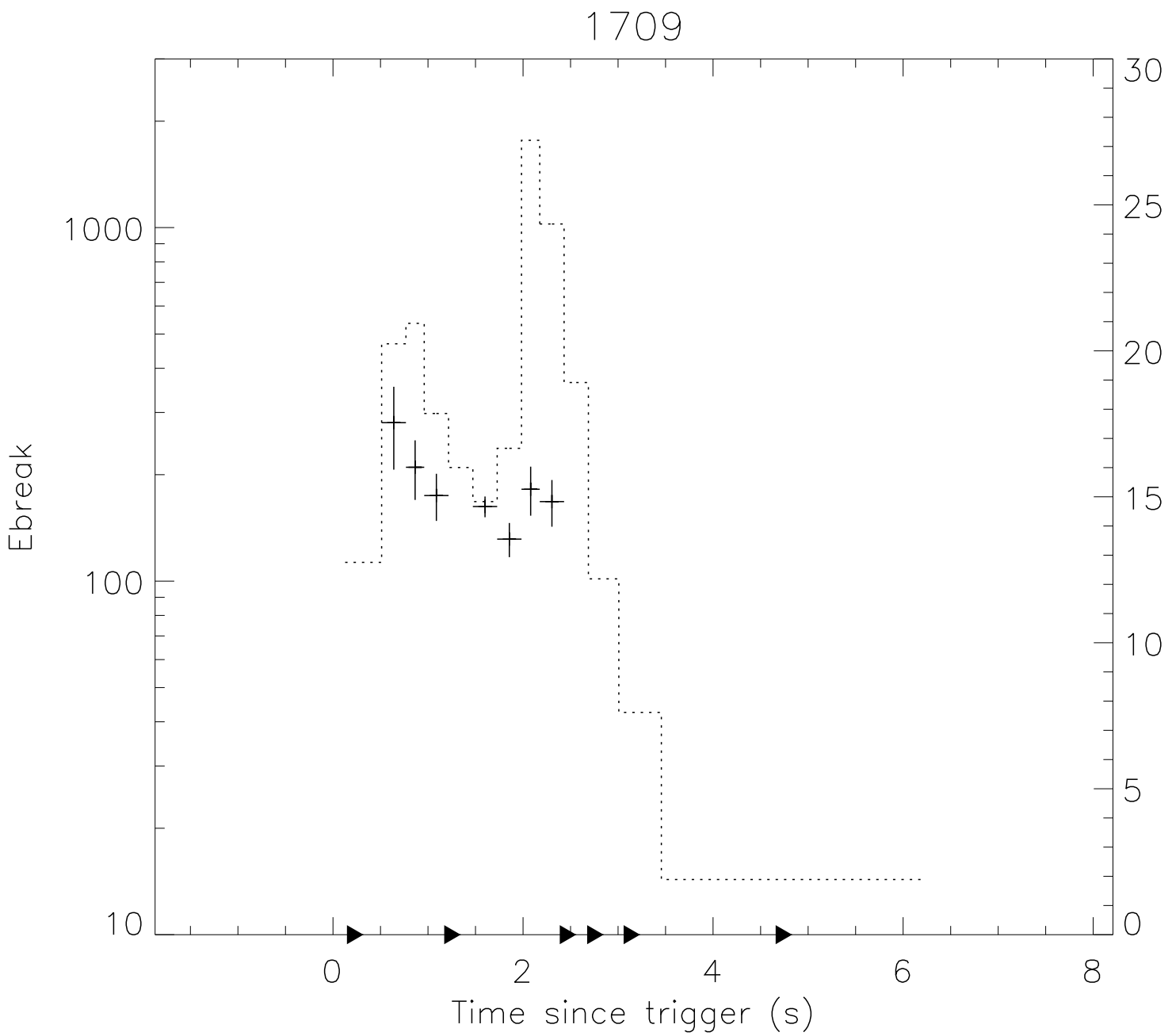

1652
Ebreak
1000
100
10
0
20
40
60
80
Time since trigger (s)
8
6
4
2
0

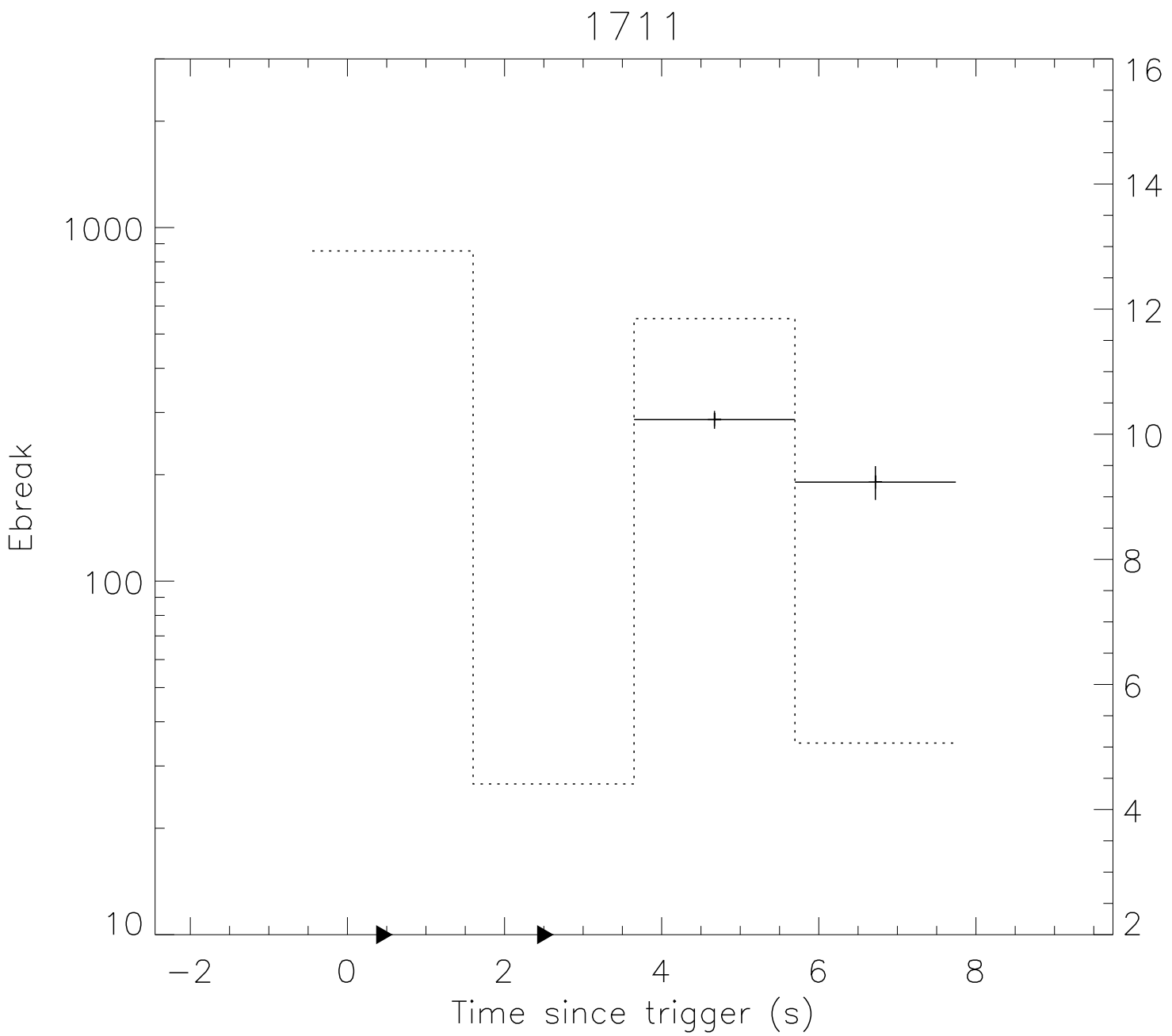

1663
Ebreak
1000
100
10
50
40
30
20
10
0
0
5
10
15
20
25
Time since trigger (s)

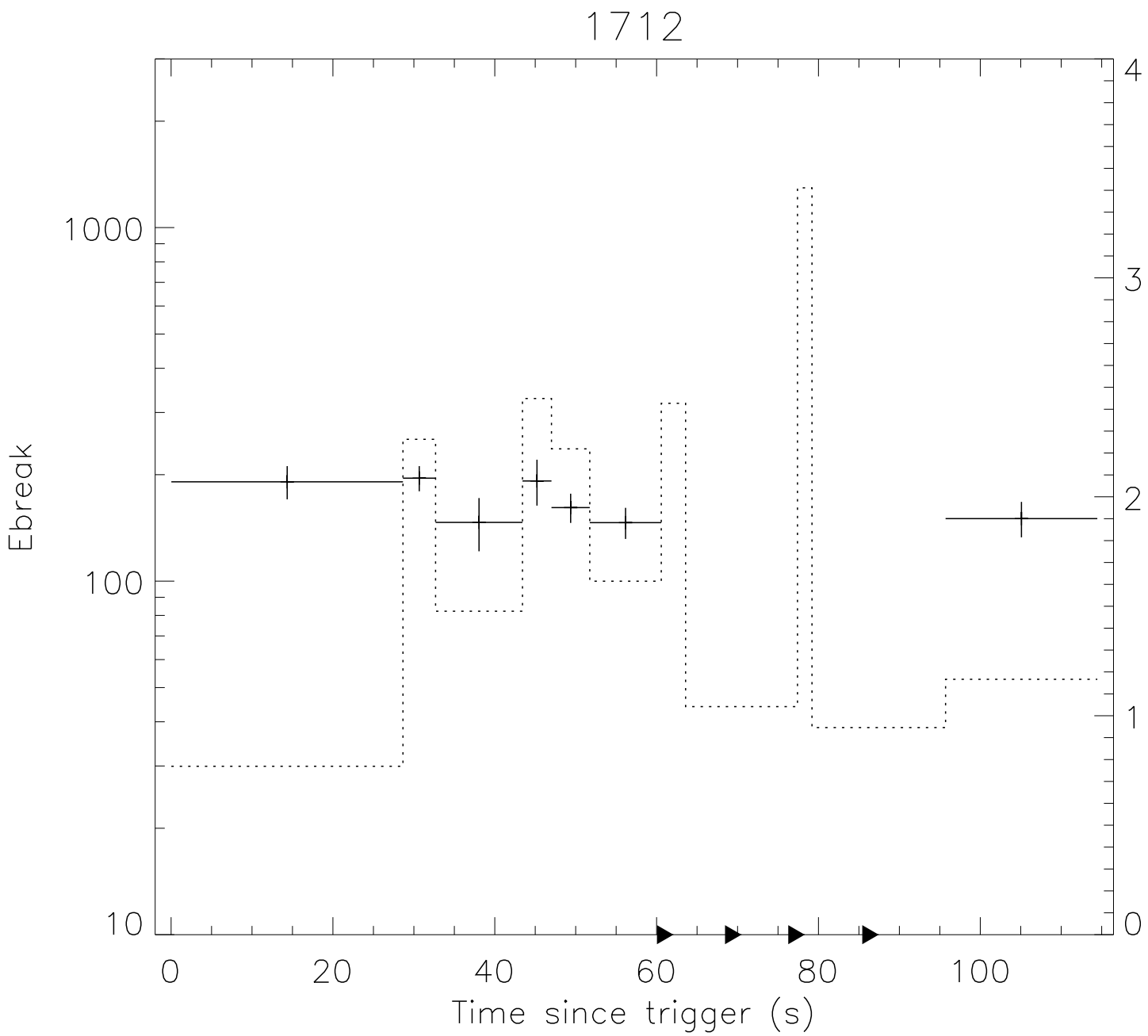

1676
Ebreak
1000
100
10
25
20
15
10
5
0
0
10
20
30
40
50
Time since trigger (s)

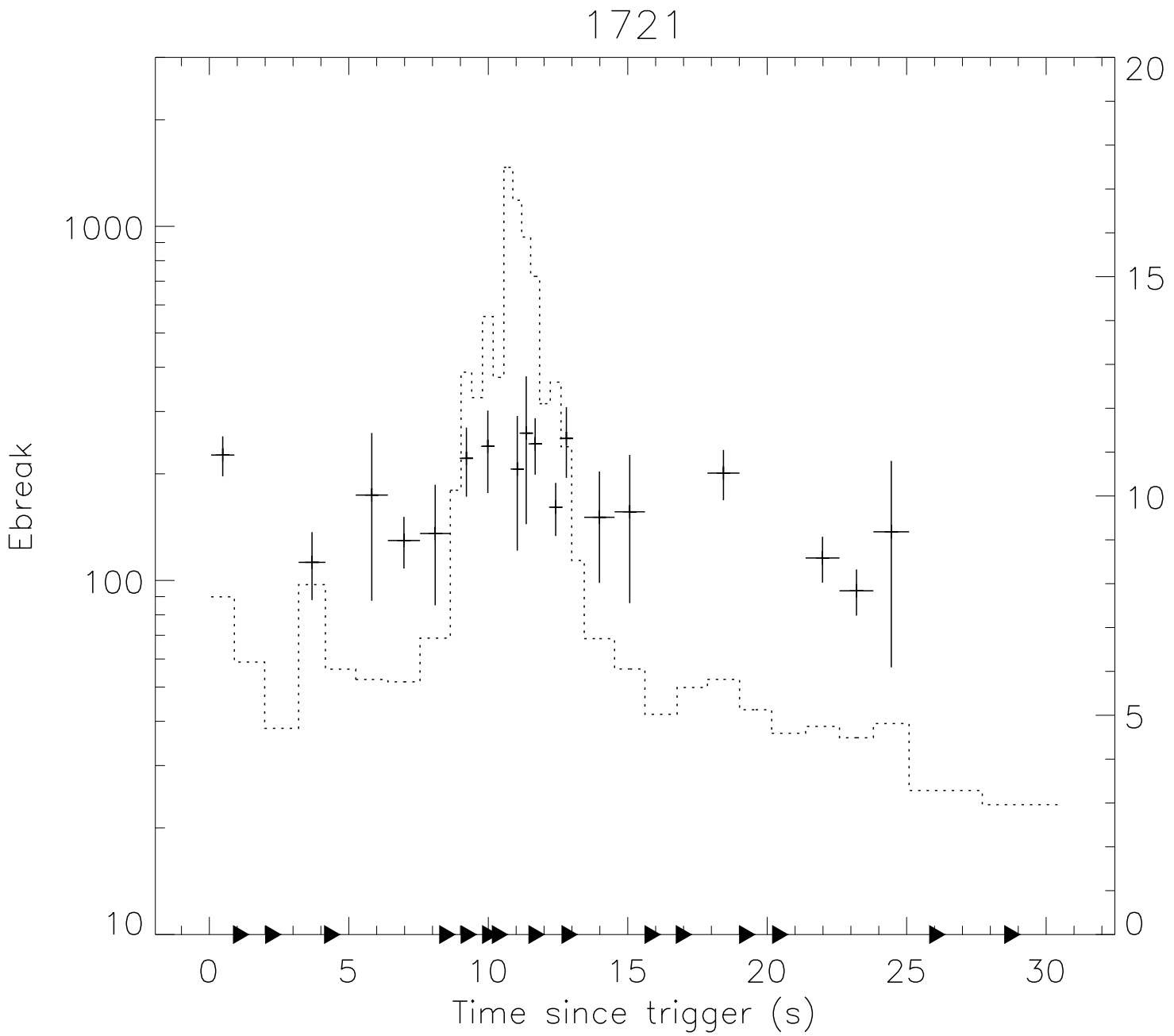

1695
1000
100
10
Ebreak
50
40
30
20
10
0
0
20
40
60
80
100
Time since trigger (s)

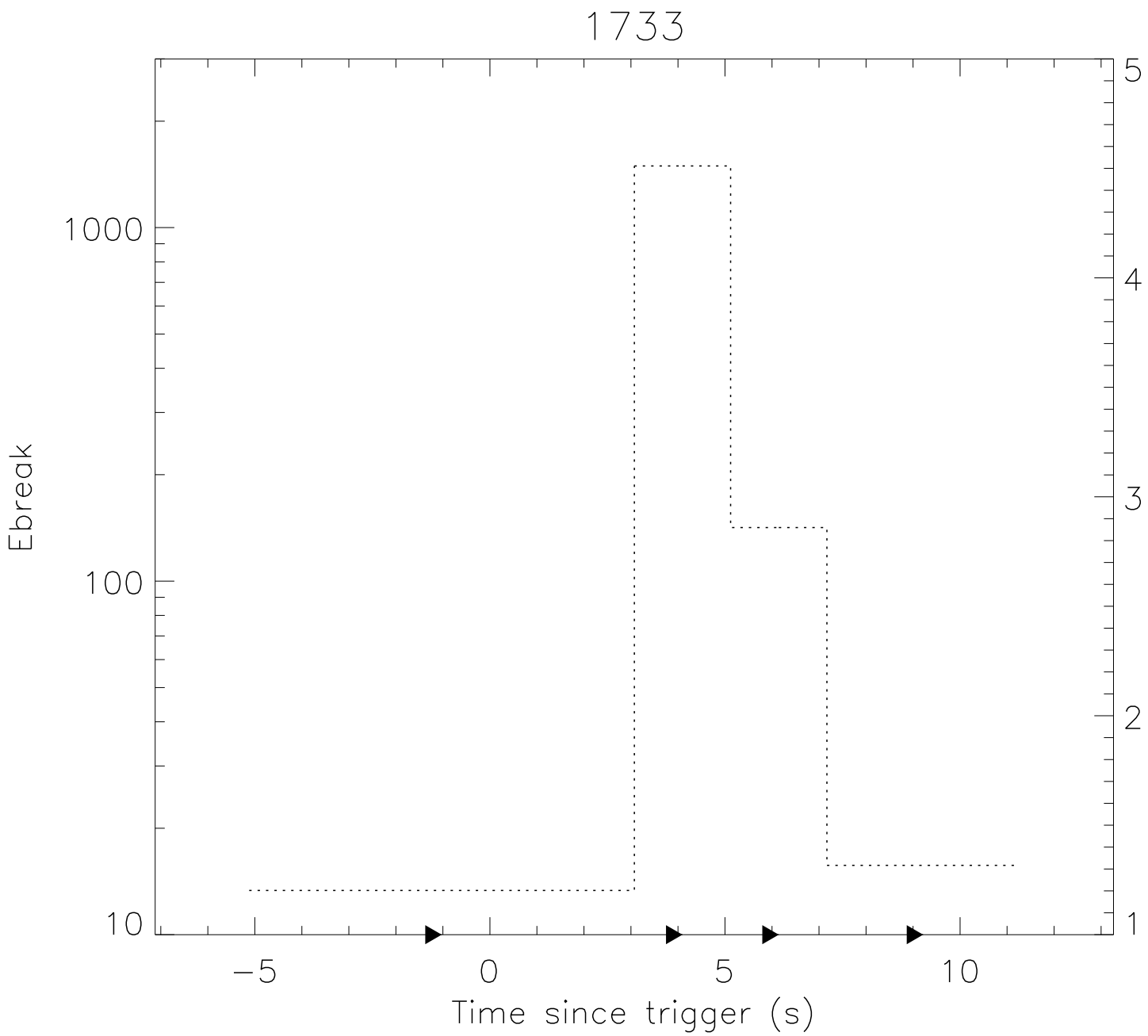

1698
Ebreak
1000
100
10
20
15
10
5
0
0
5
10
15
20
25
30
Time since trigger (s)

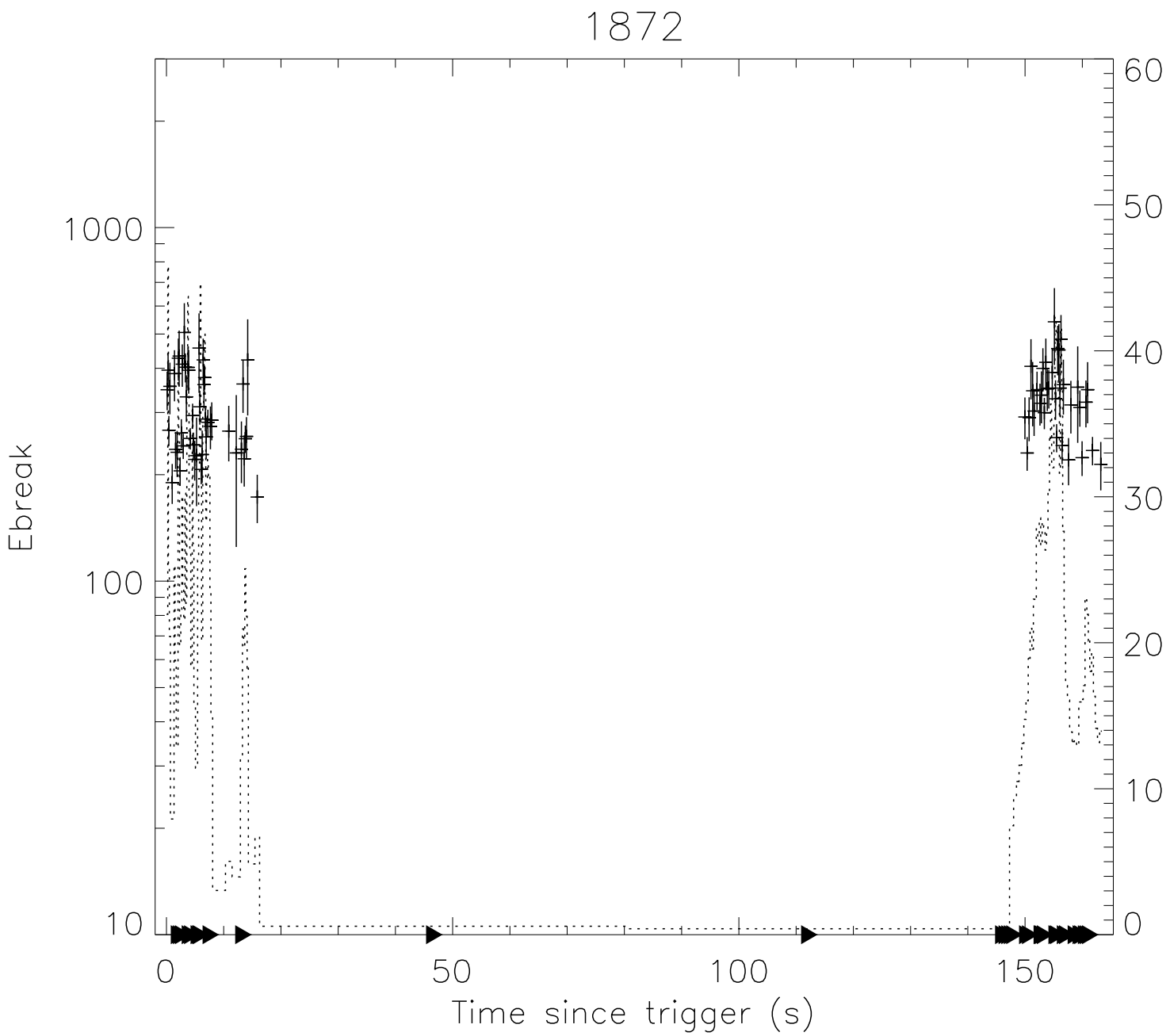

1709
Ebreak
1000
100
10
30
25
20
15
10
5
0
0
2
4
6
8
Time since trigger (s)

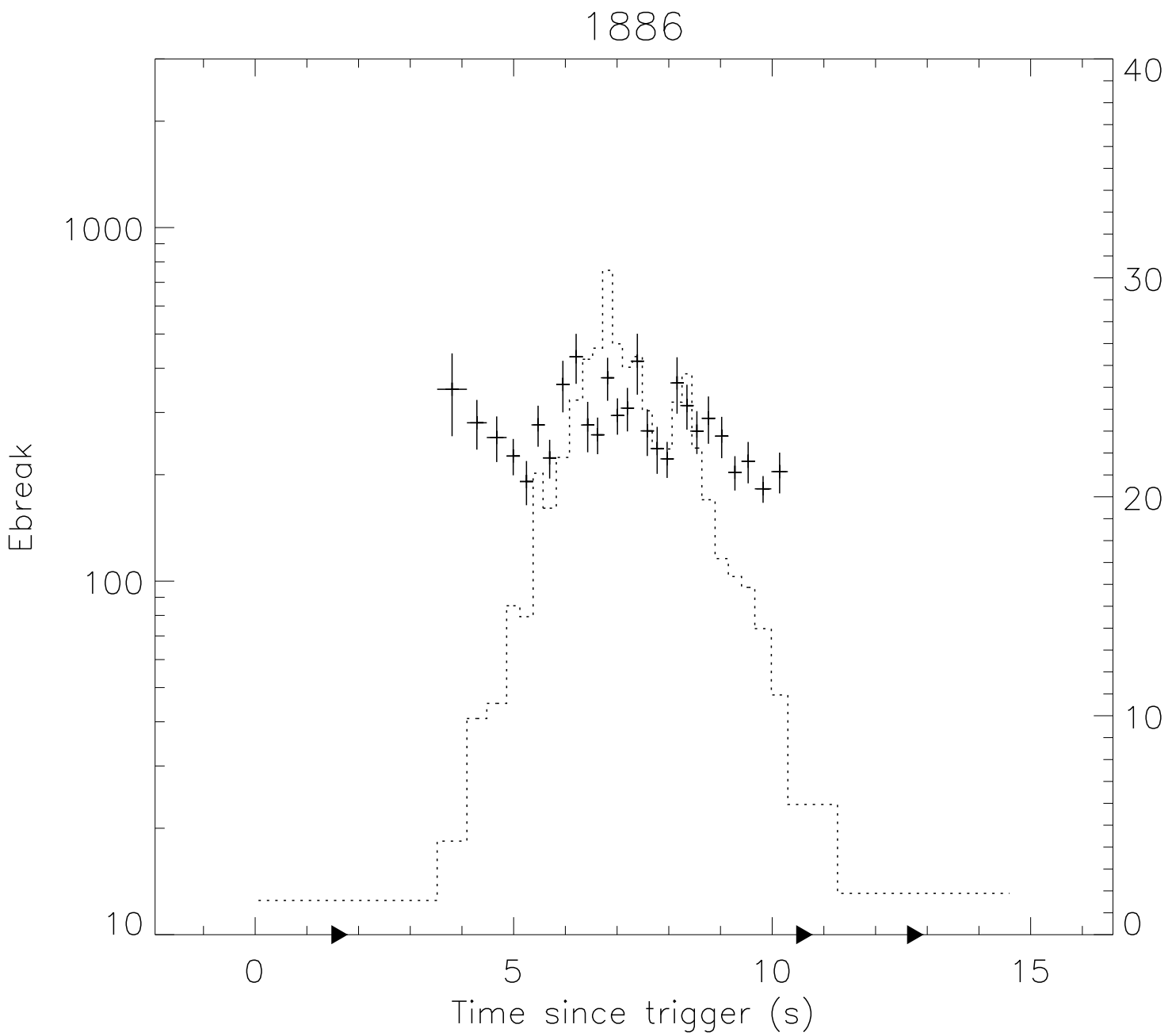

1711
Ebreak
1000
100
10
16
14
12
10
8
6
4
2
−2
0
2
4
6
8
Time since trigger (s)

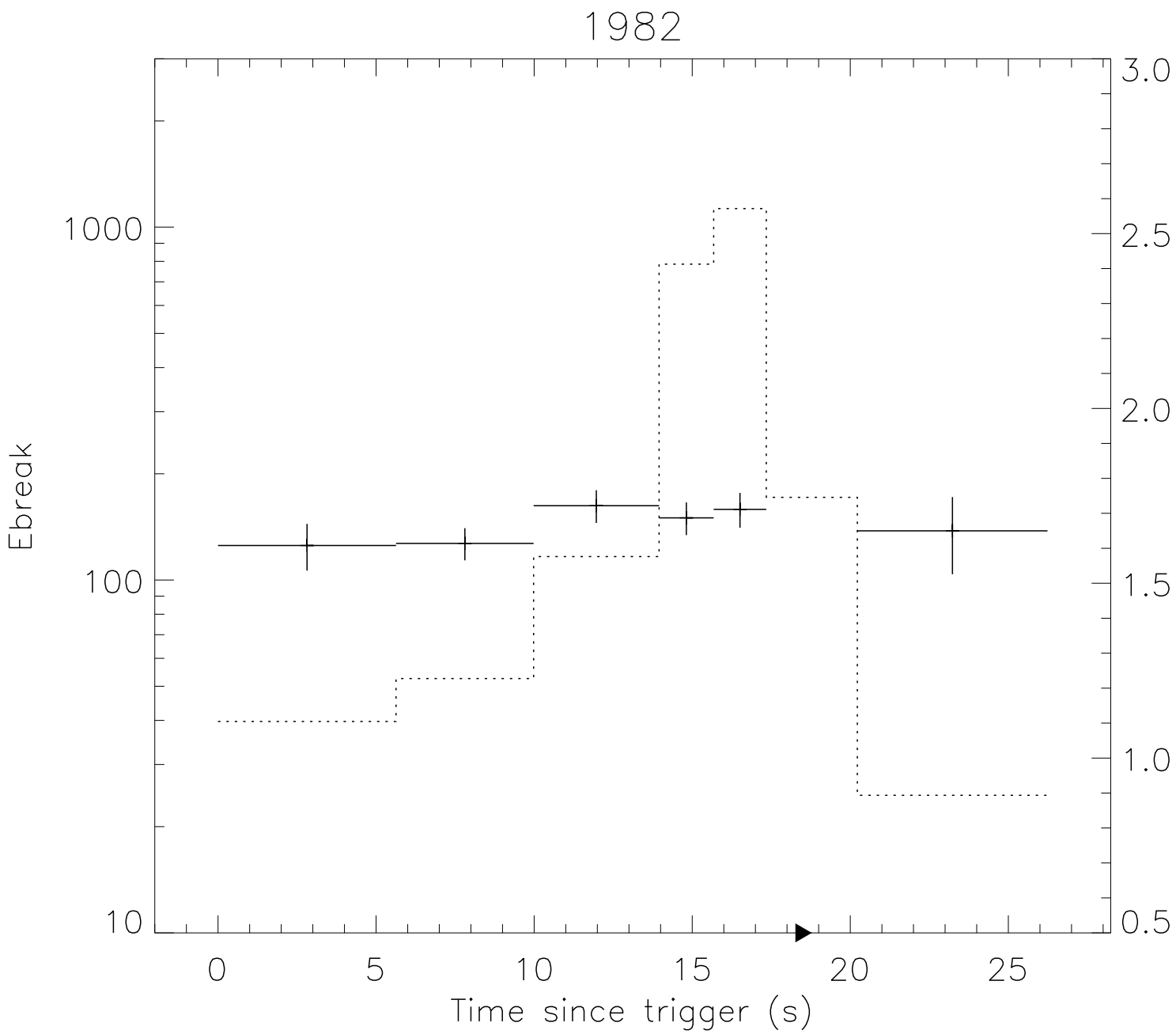

1712
Ebreak
1000
100
10
0
20
40
60
80
100
Time since trigger (s)
4
3
2
1
0

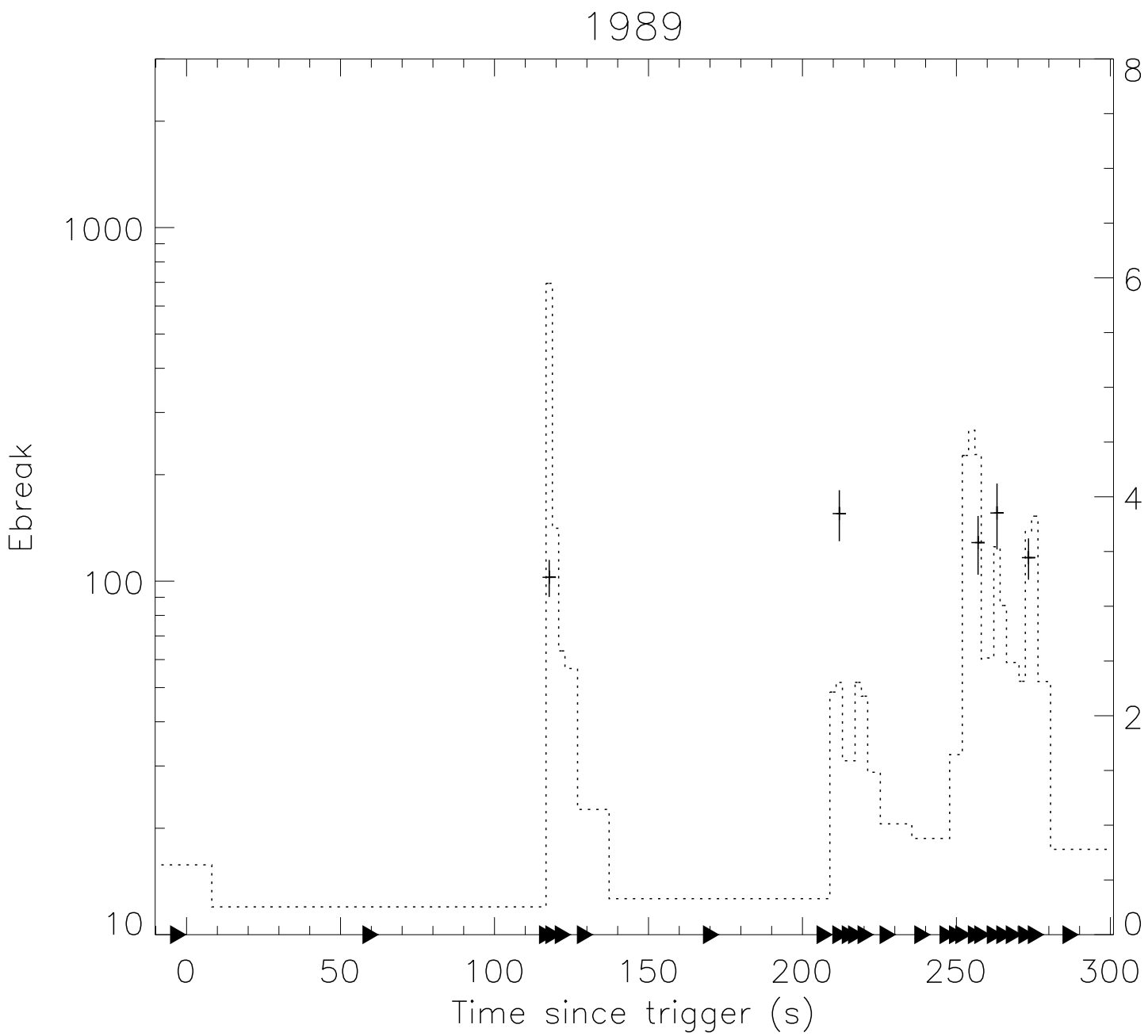

1721
Ebreak
1000
100
10
20
15
10
5
0
0
5
10
15
20
25
30
Time since trigger (s)

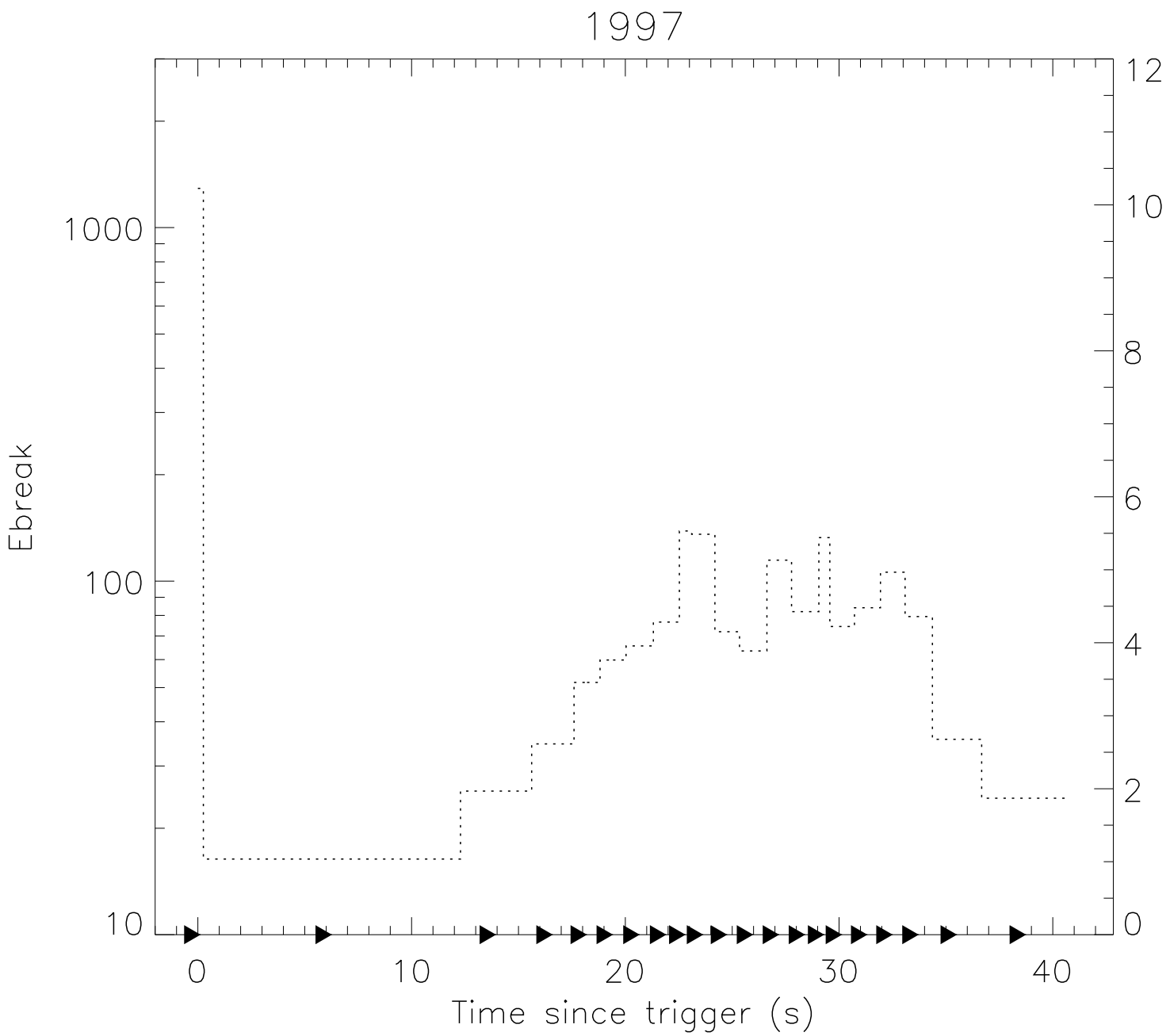

1733
1000
100
10
Ebreak
5
4
3
2
1
−5
0
5
10
Time since trigger (s)

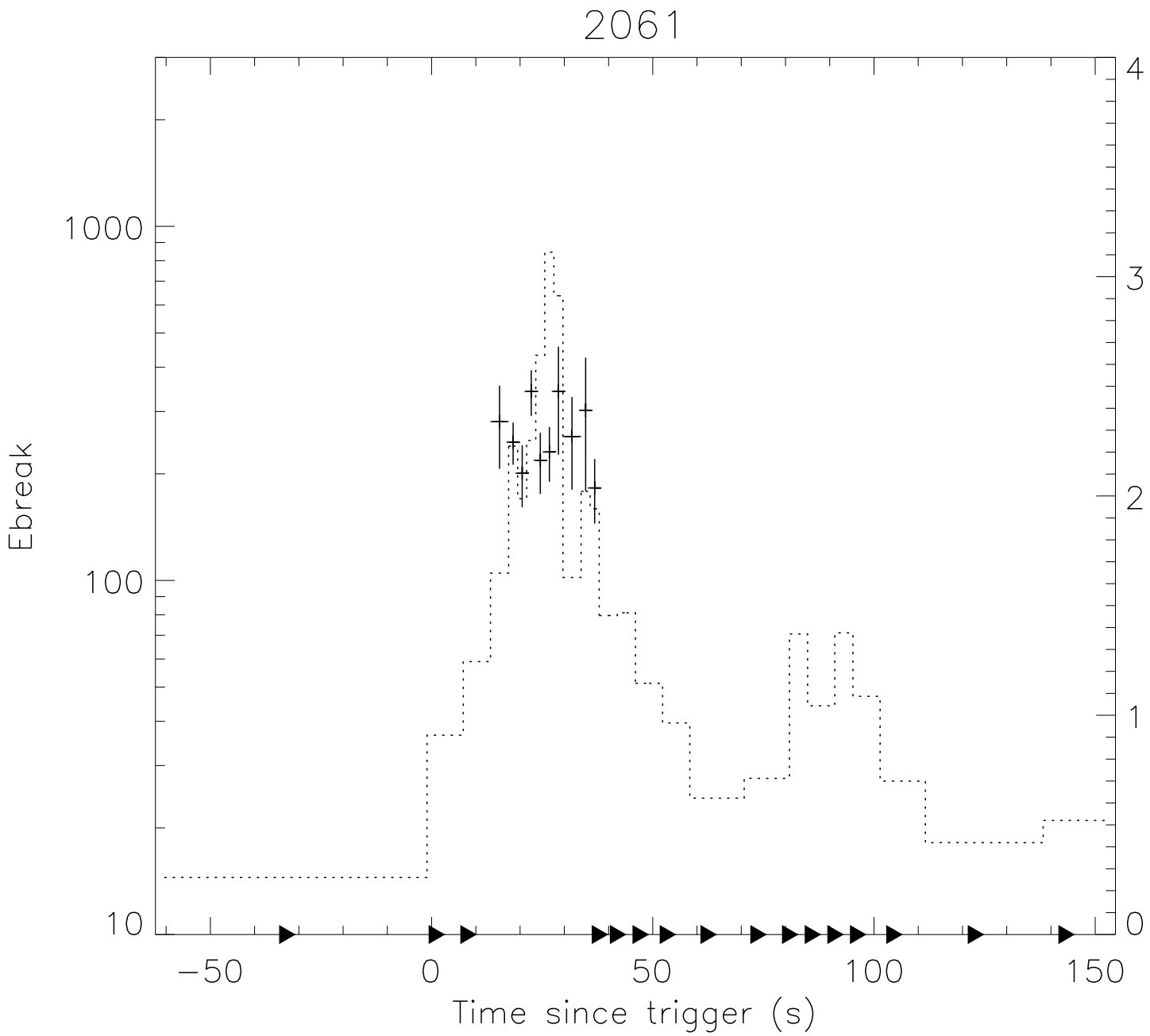

1872
1000
100
10
Ebreak
0
50
100
150
Time since trigger (s)
60
50
40
30
20
10
0

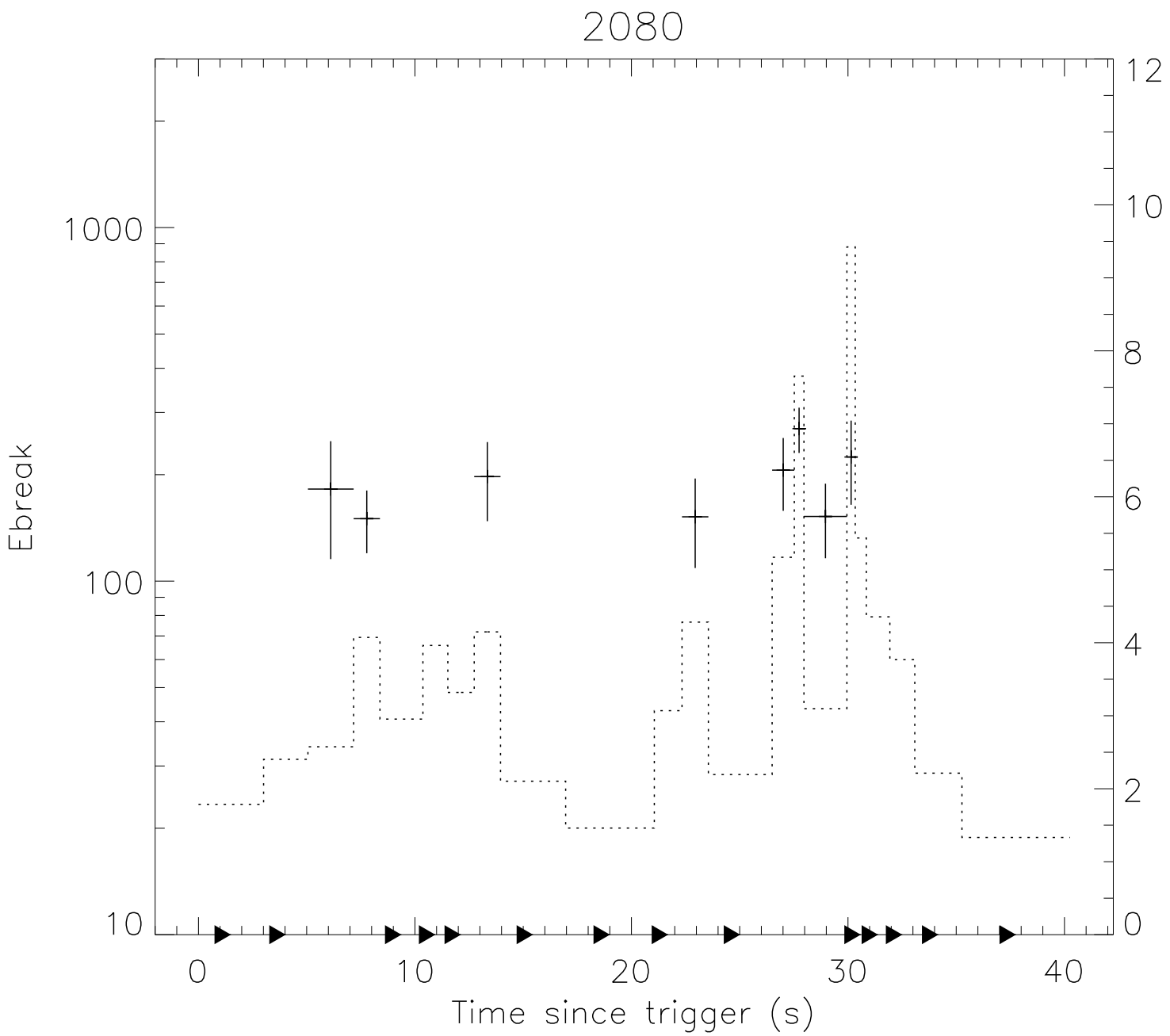

1886
Ebreak
1000
100
10
40
30
20
10
0
0
5
10
15
Time since trigger (s)

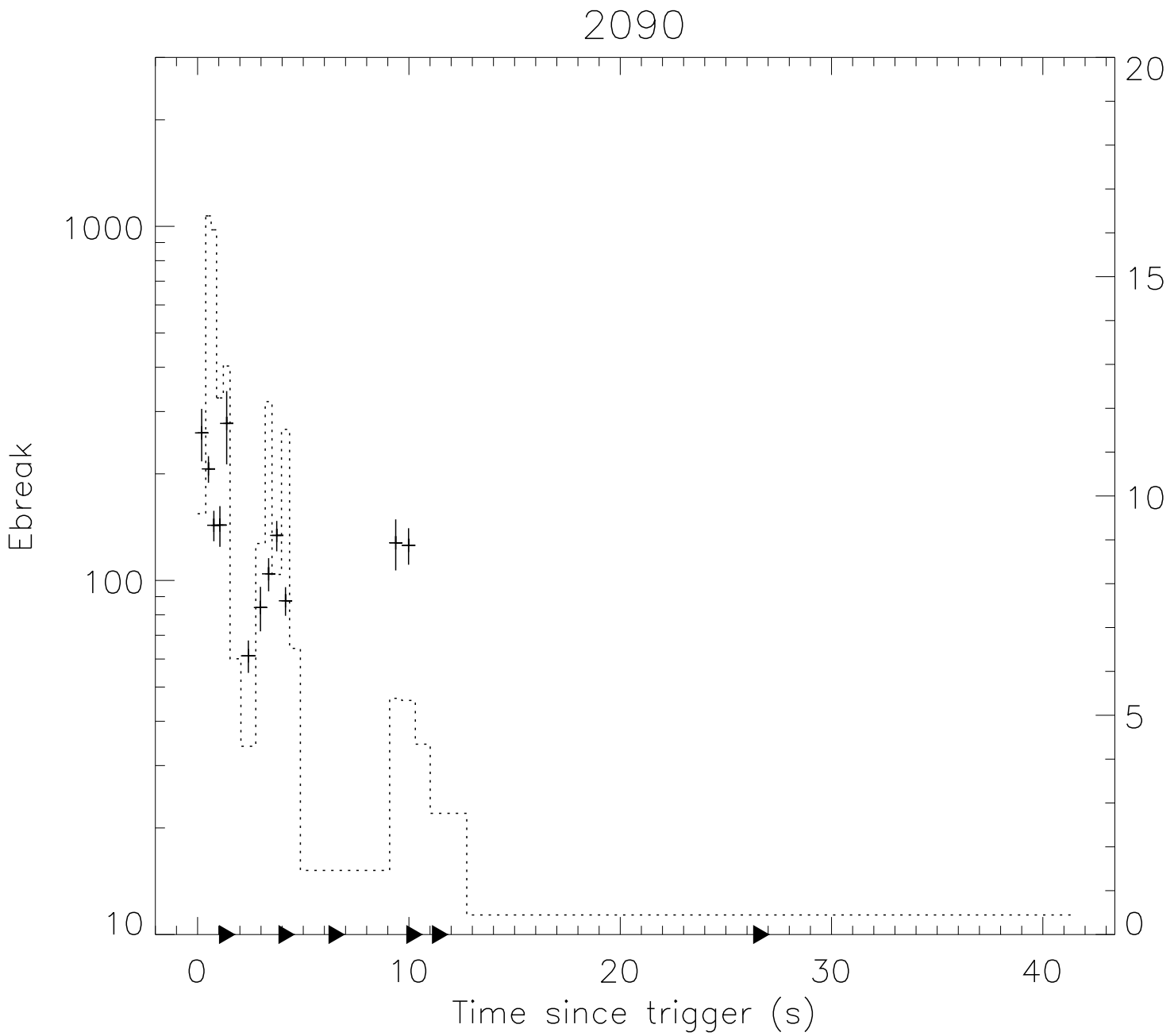

1982
Ebreak
1000
100
10
3.0
2.5
2.0
1.5
1.0
0.5
0
5
10
15
20
25
Time since trigger (s)

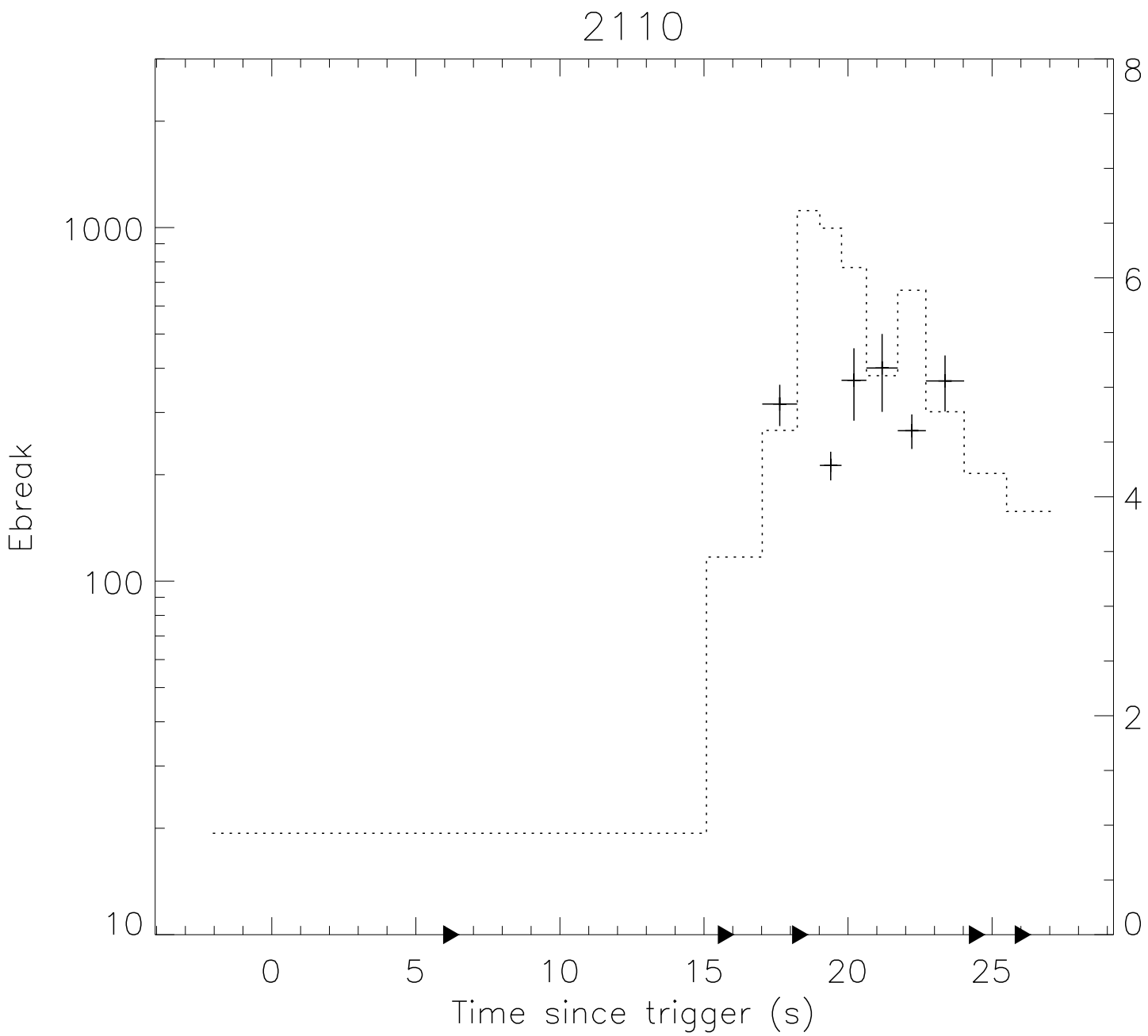

1989
Ebreak
1000
100
10
8
6
4
2
0
0
50
100
150
200
250
300
Time since trigger (s)

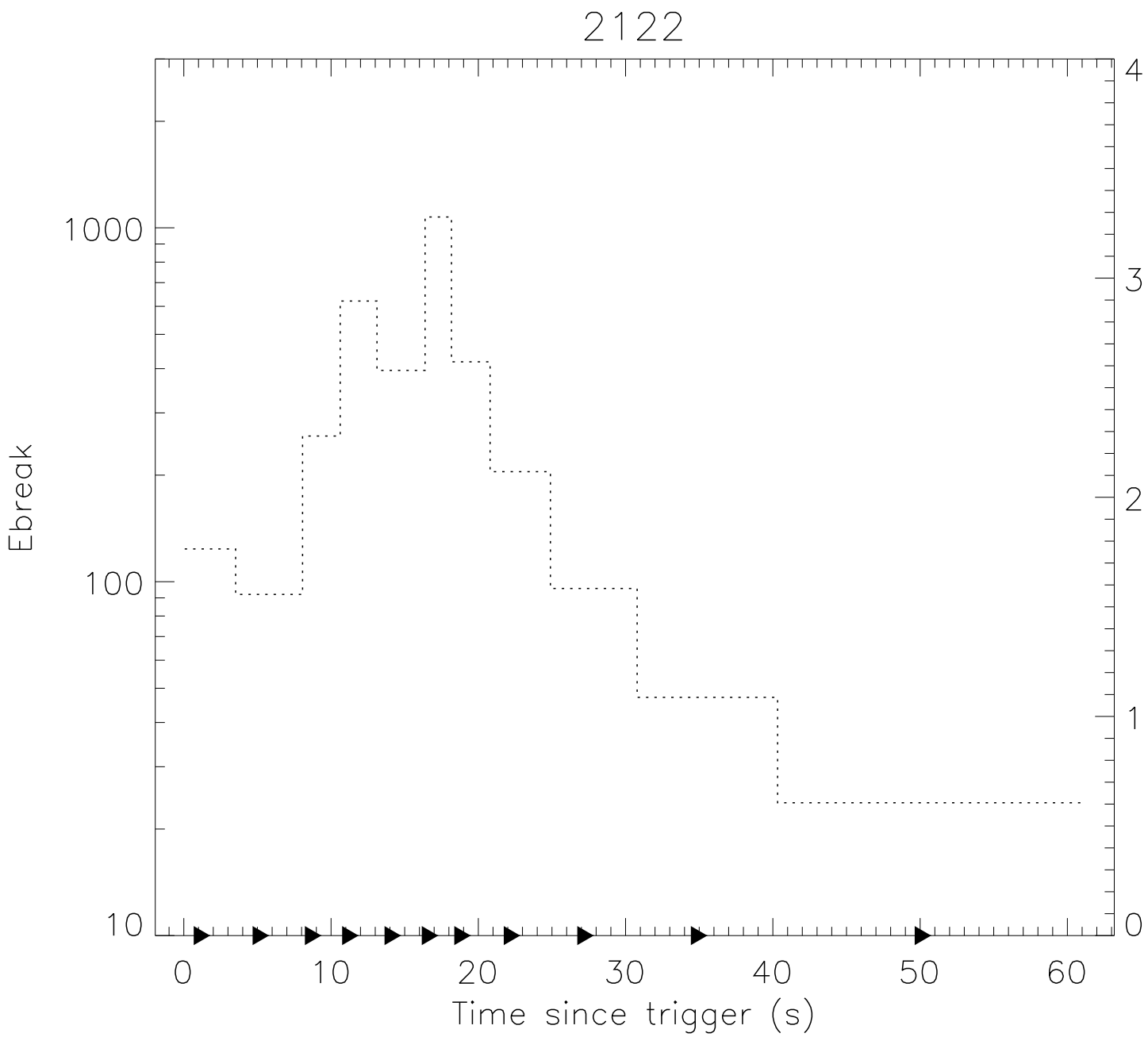

1997
Ebreak
1000
100
10
12
10
8
6
4
2
0
0
10
20
30
40
Time since trigger (s)

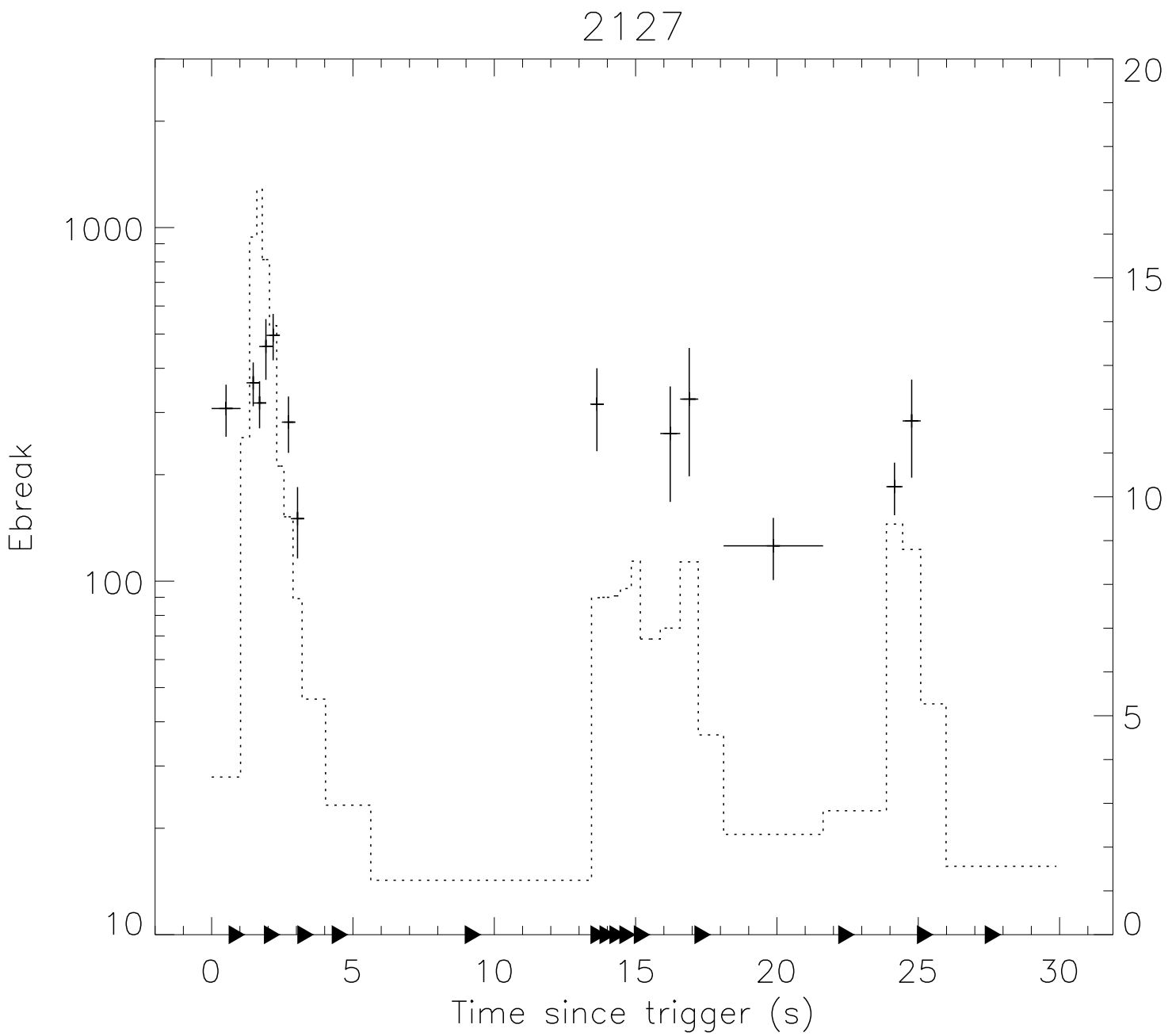

2061
1000
100
10
Ebreak
4
3
2
1
0
−50
0
50
100
150
Time since trigger (s)

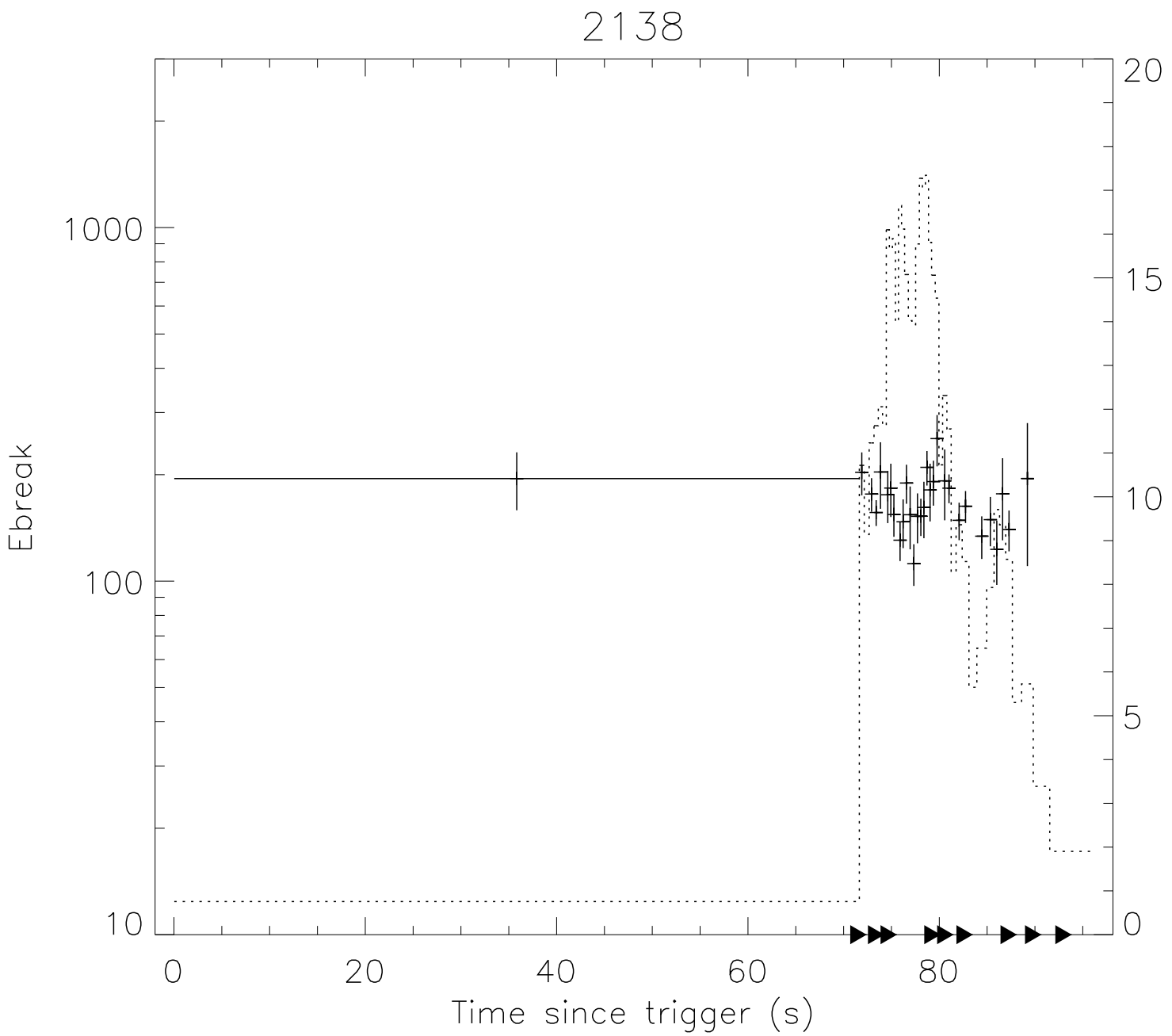

2080
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
12
10
8
6
4
2
0

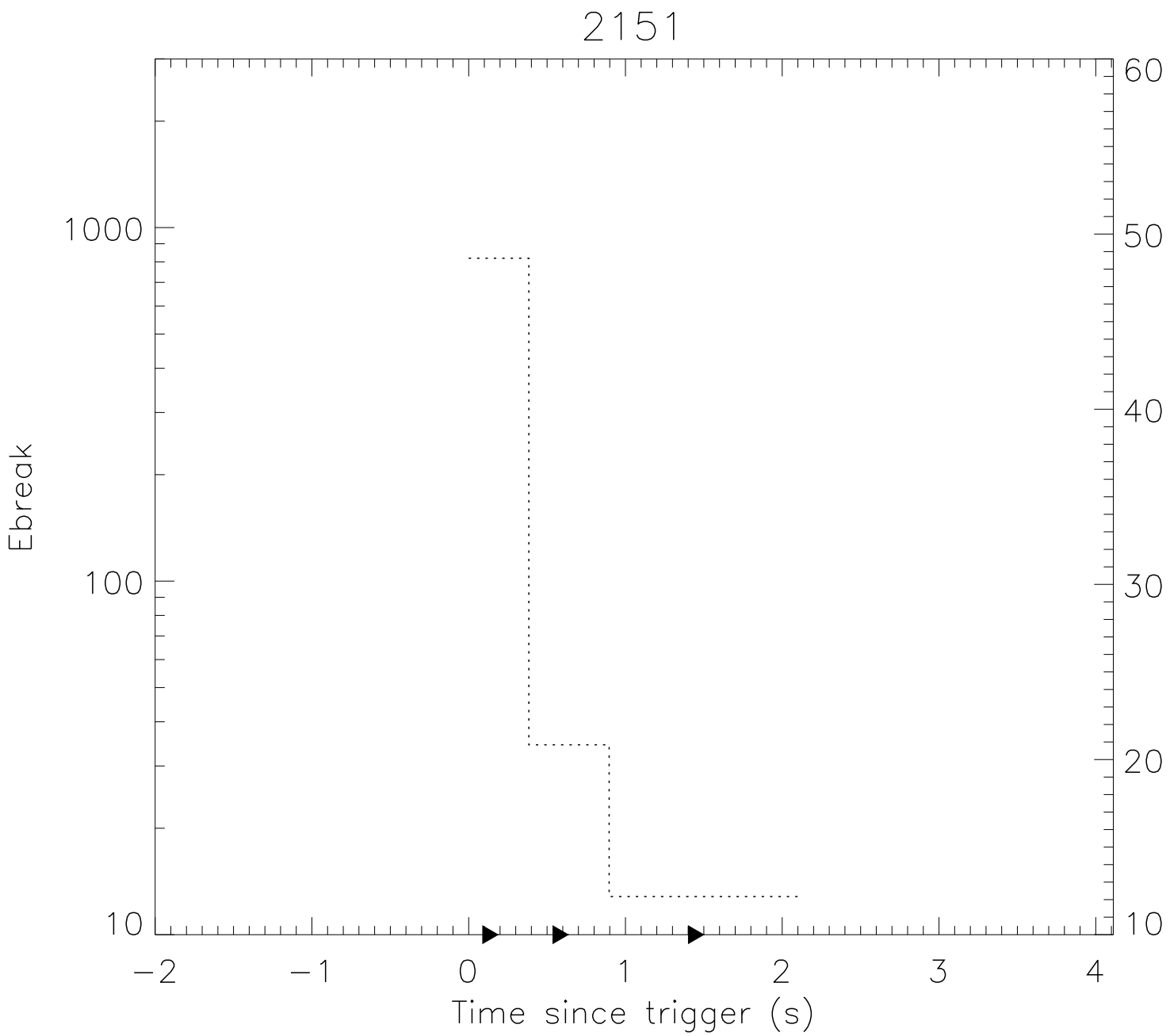

2090
Ebreak
1000
100
10
20
15
10
5
0
0
10
20
30
40
Time since trigger (s)

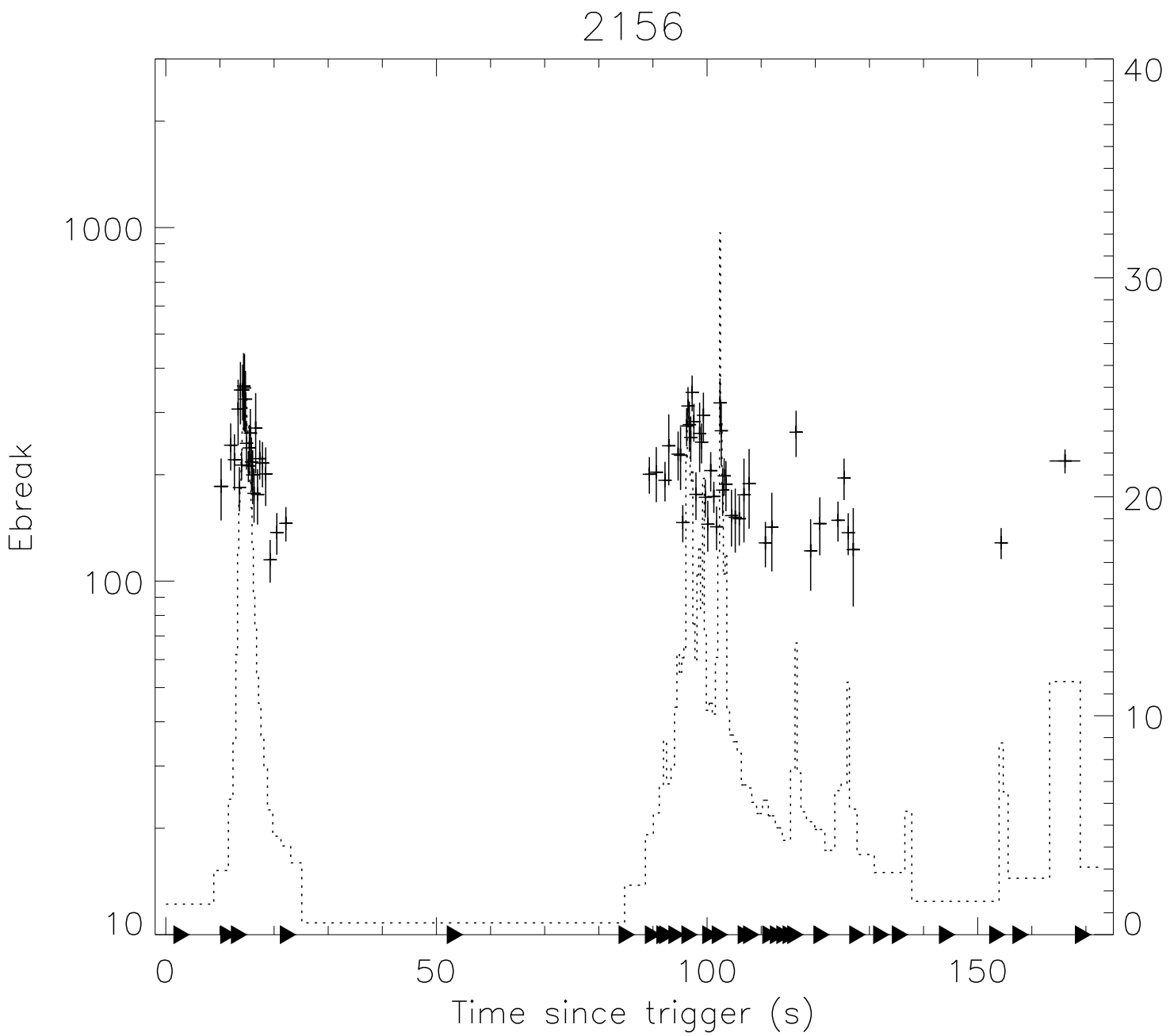

2110
1000
100
10
Ebreak
8
6
4
2
0
0
5
10
15
20
25
Time since trigger (s)

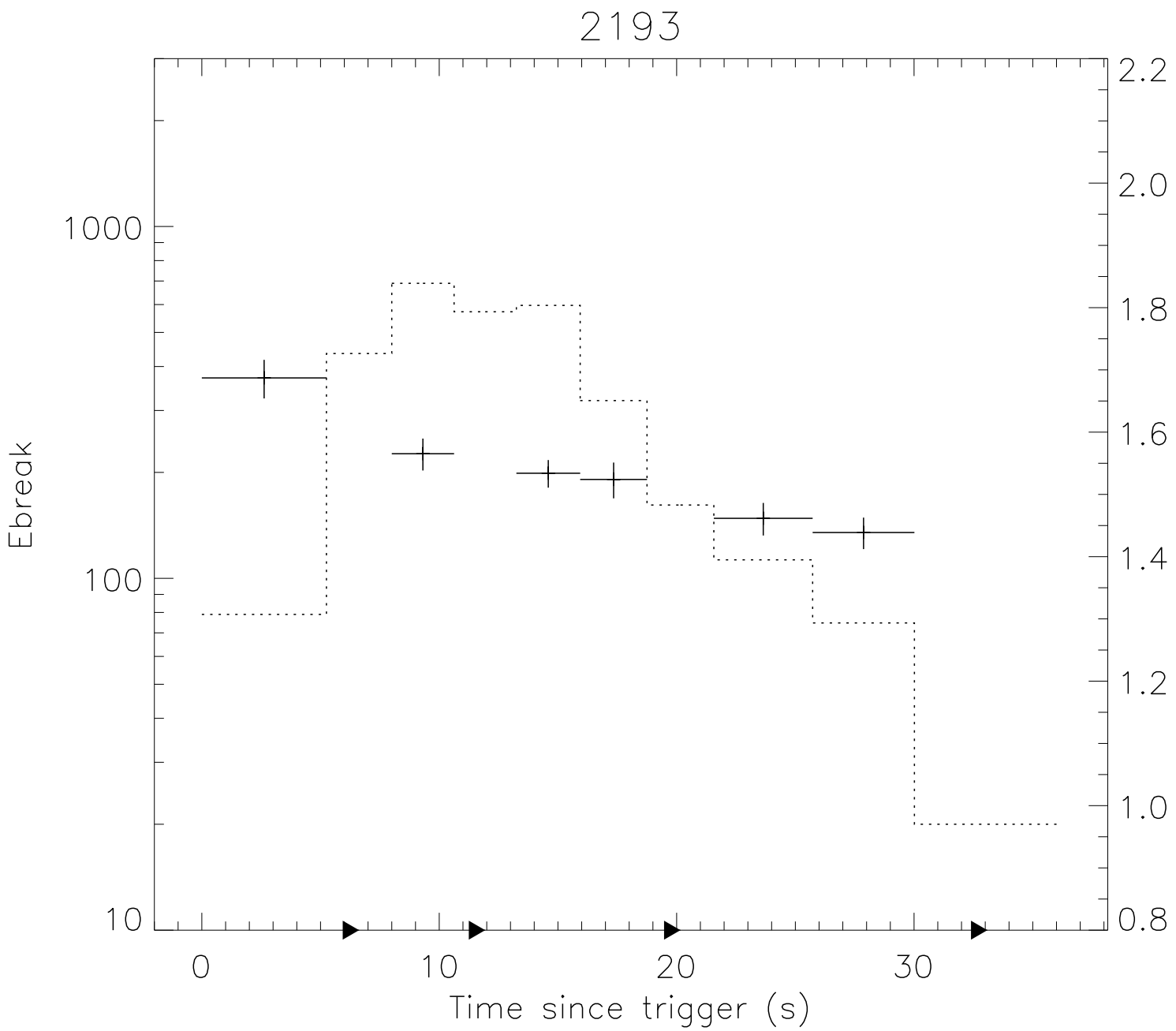

2122
1000
100
10
Ebreak
0
10
20
30
40
50
60
Time since trigger (s)
4
3
2
1
0

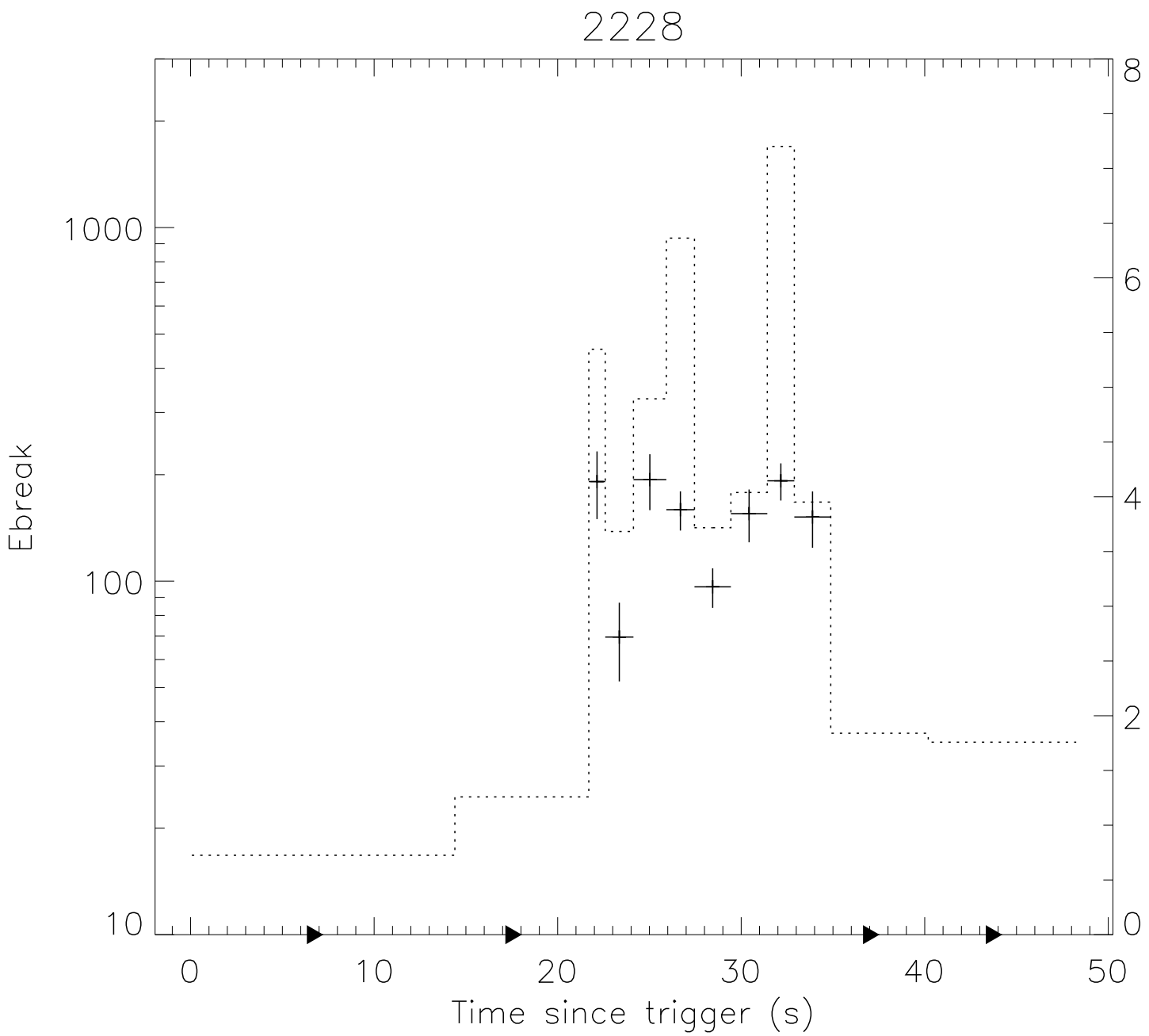

2127
Ebreak
1000
100
10
20
15
10
5
0
0
5
10
15
20
25
30
Time since trigger (s)

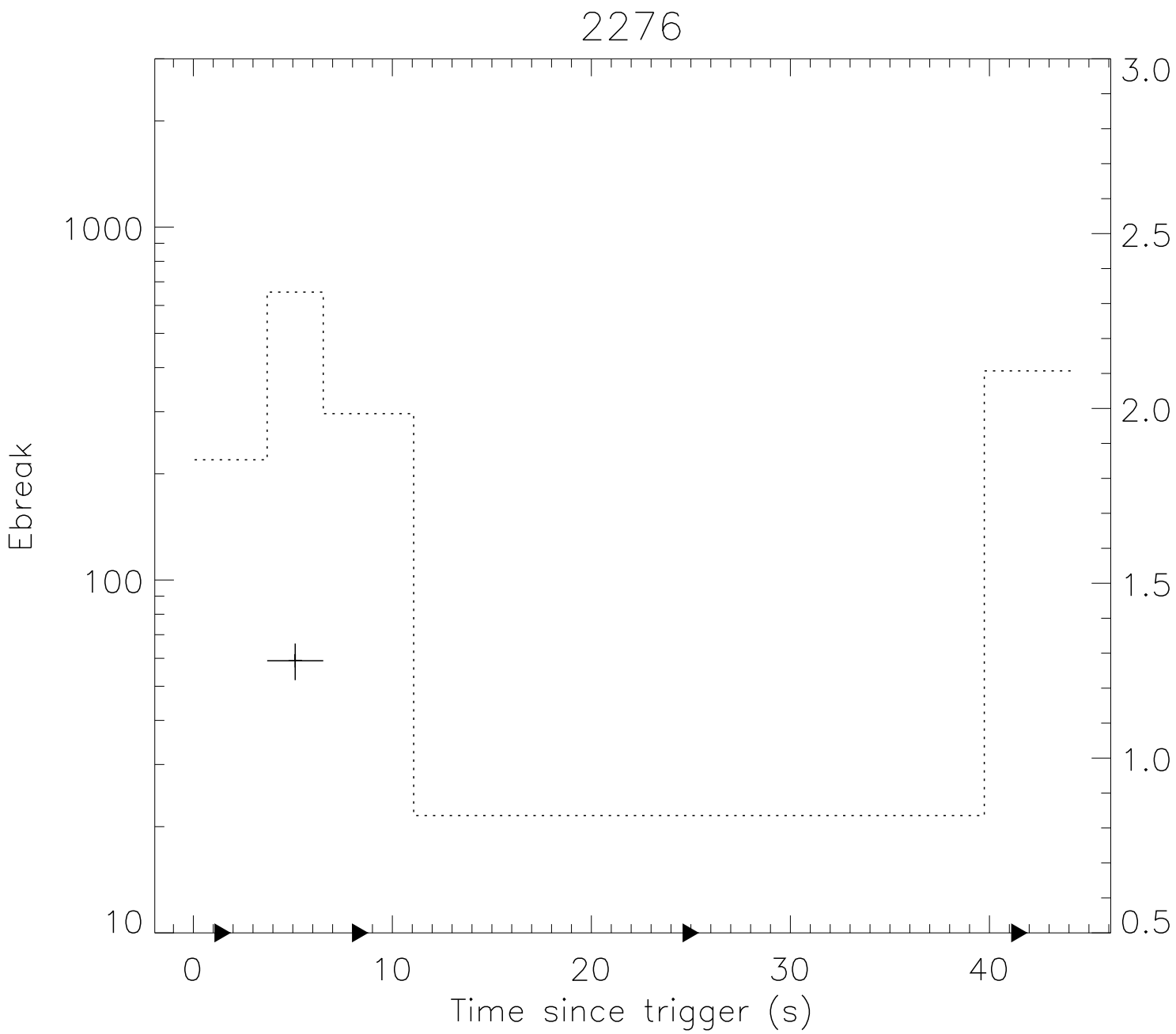

2138
Ebreak
1000
100
10
20
15
10
5
0
0
20
40
60
80
Time since trigger (s)

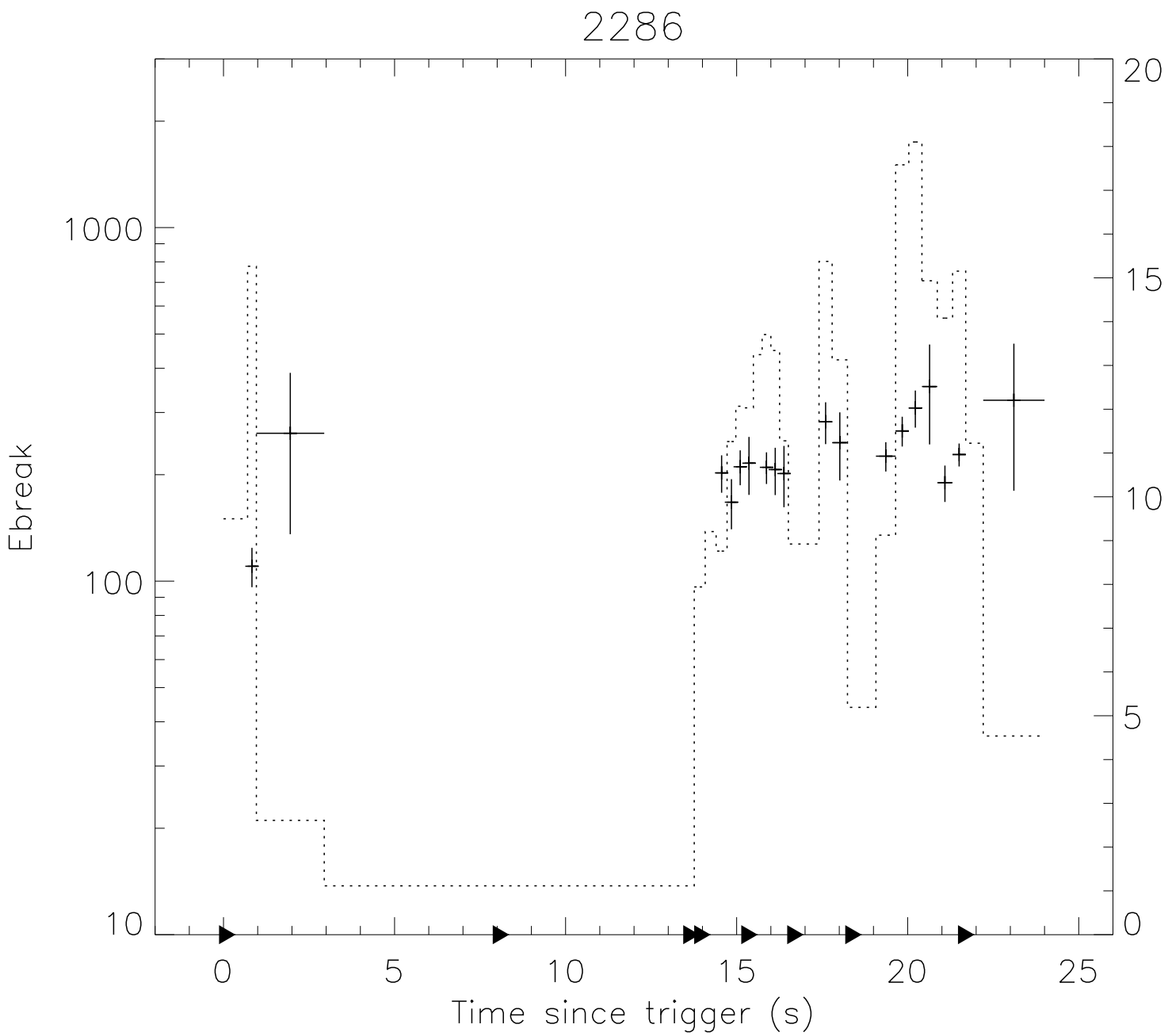

2151
1000
100
10
Ebreak
60
50
40
30
20
10
−2
−1
0
1
2
3
4
Time since trigger (s)

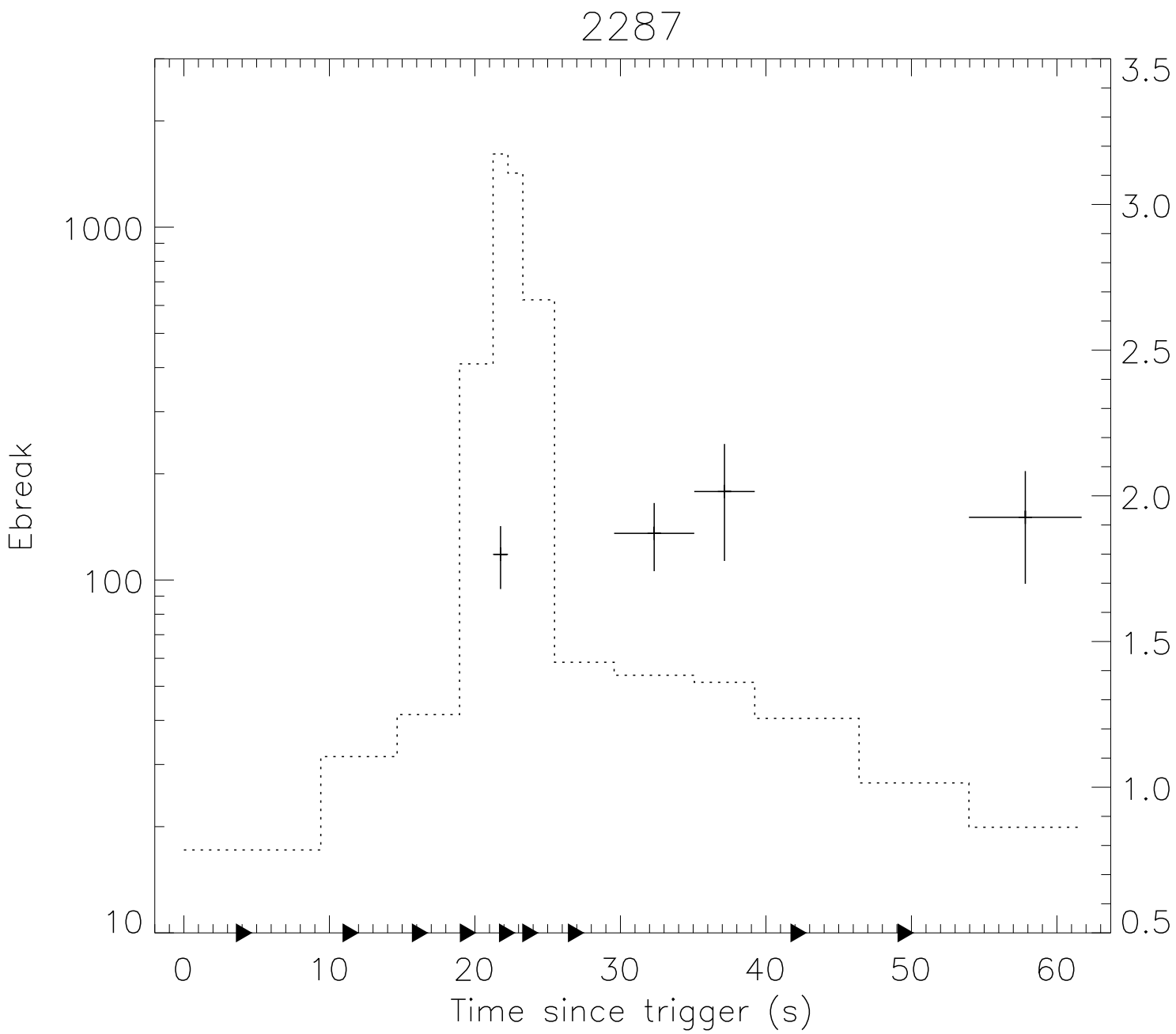

2156
Ebreak
1000
100
10
40
30
20
10
0
0
50
100
150
Time since trigger (s)

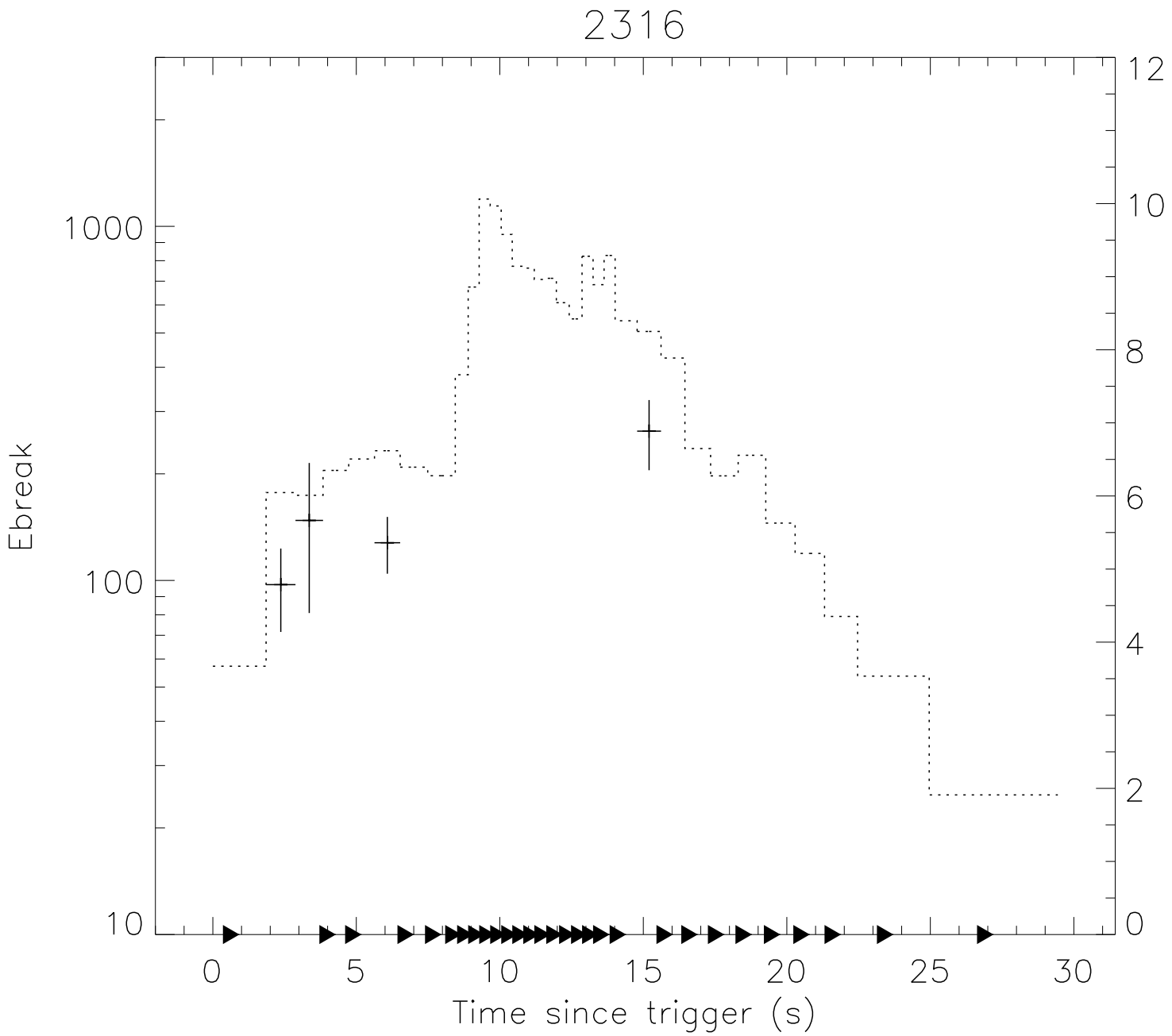

2193
1000
100
10
Ebreak
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0
10
20
30
Time since trigger (s)

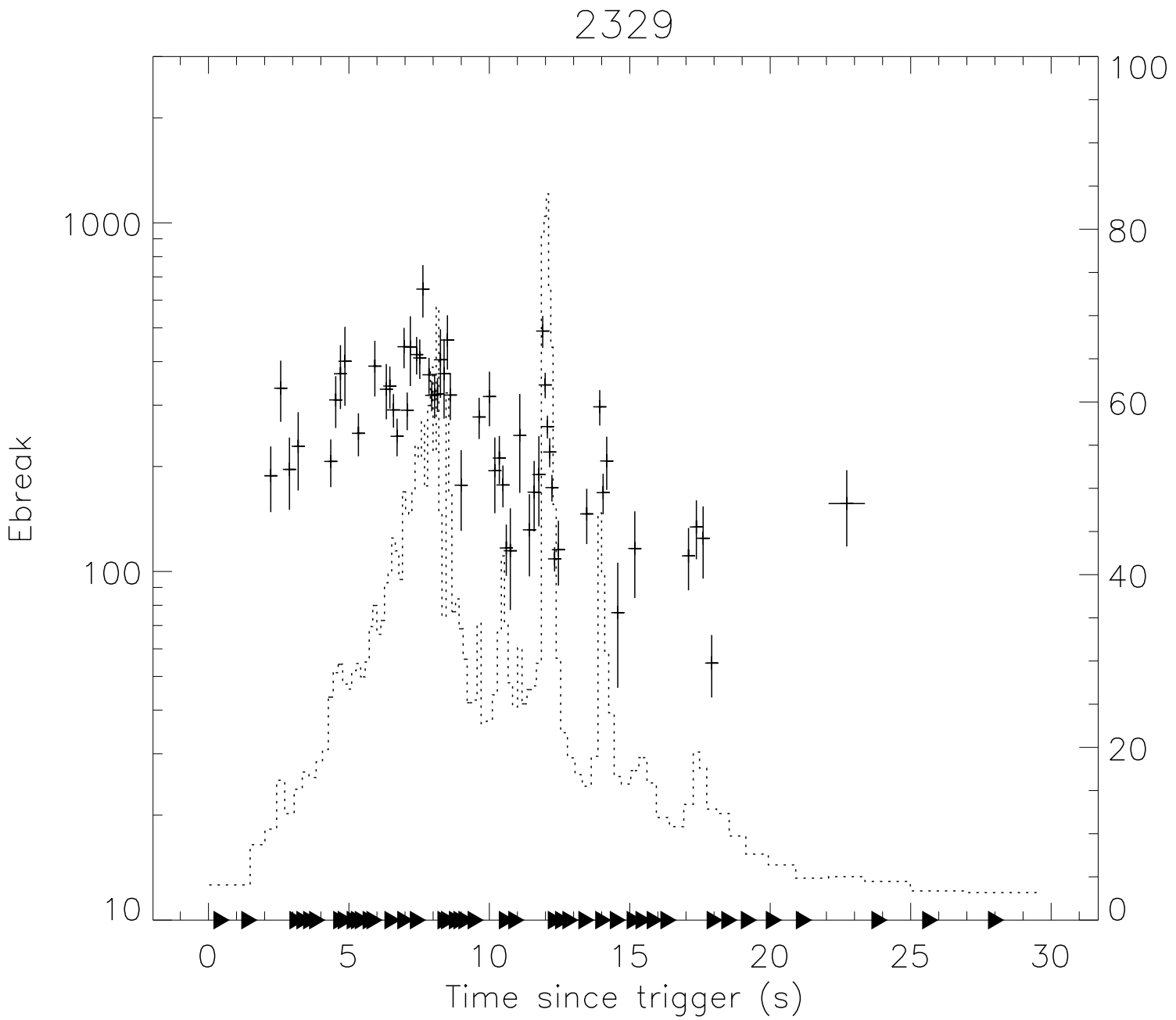

2228
Ebreak
1000
100
10
8
6
4
2
0
0
10
20
30
40
50
Time since trigger (s)

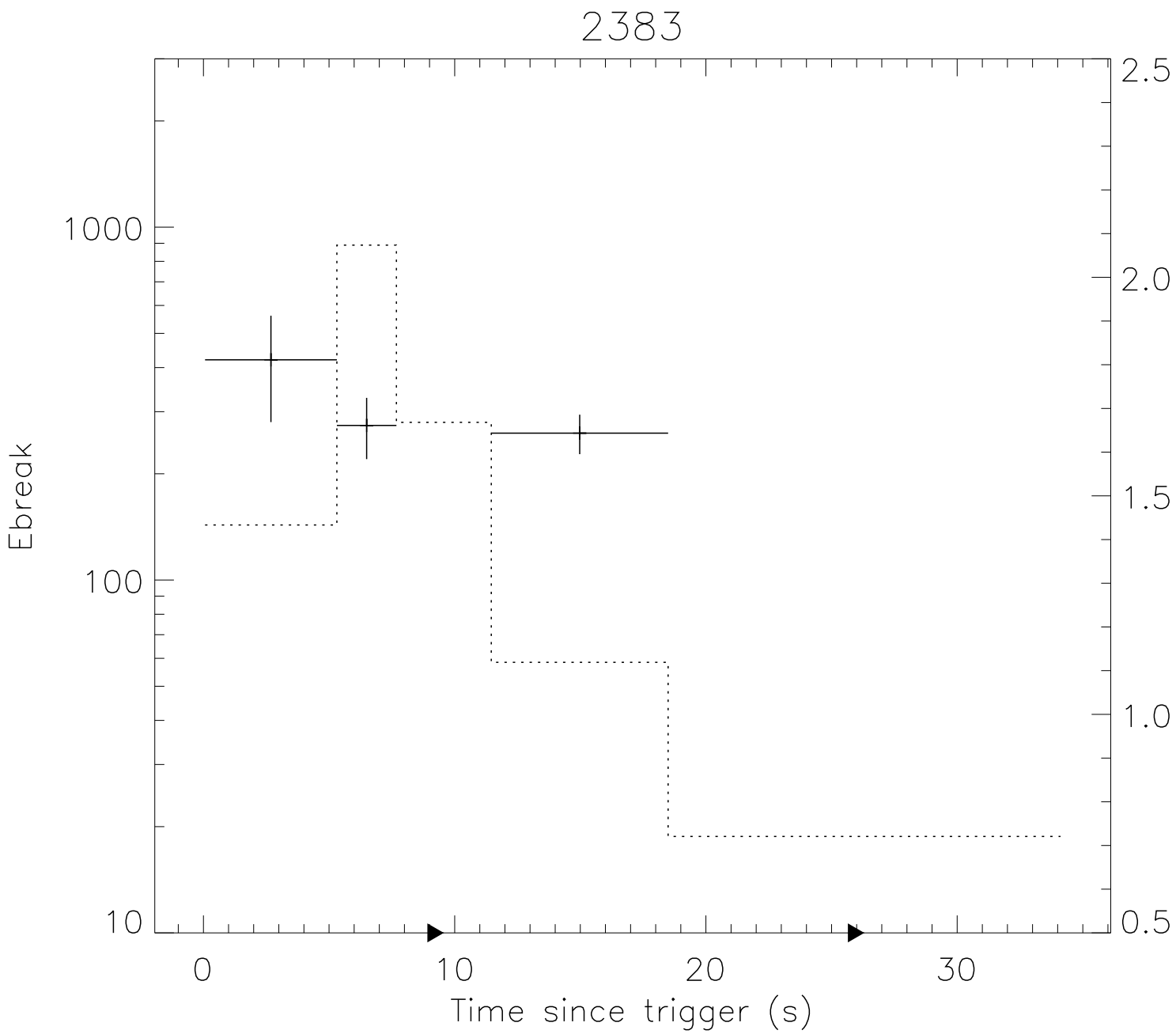

2276
1000
100
10
Ebreak
3.0
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40
Time since trigger (s)

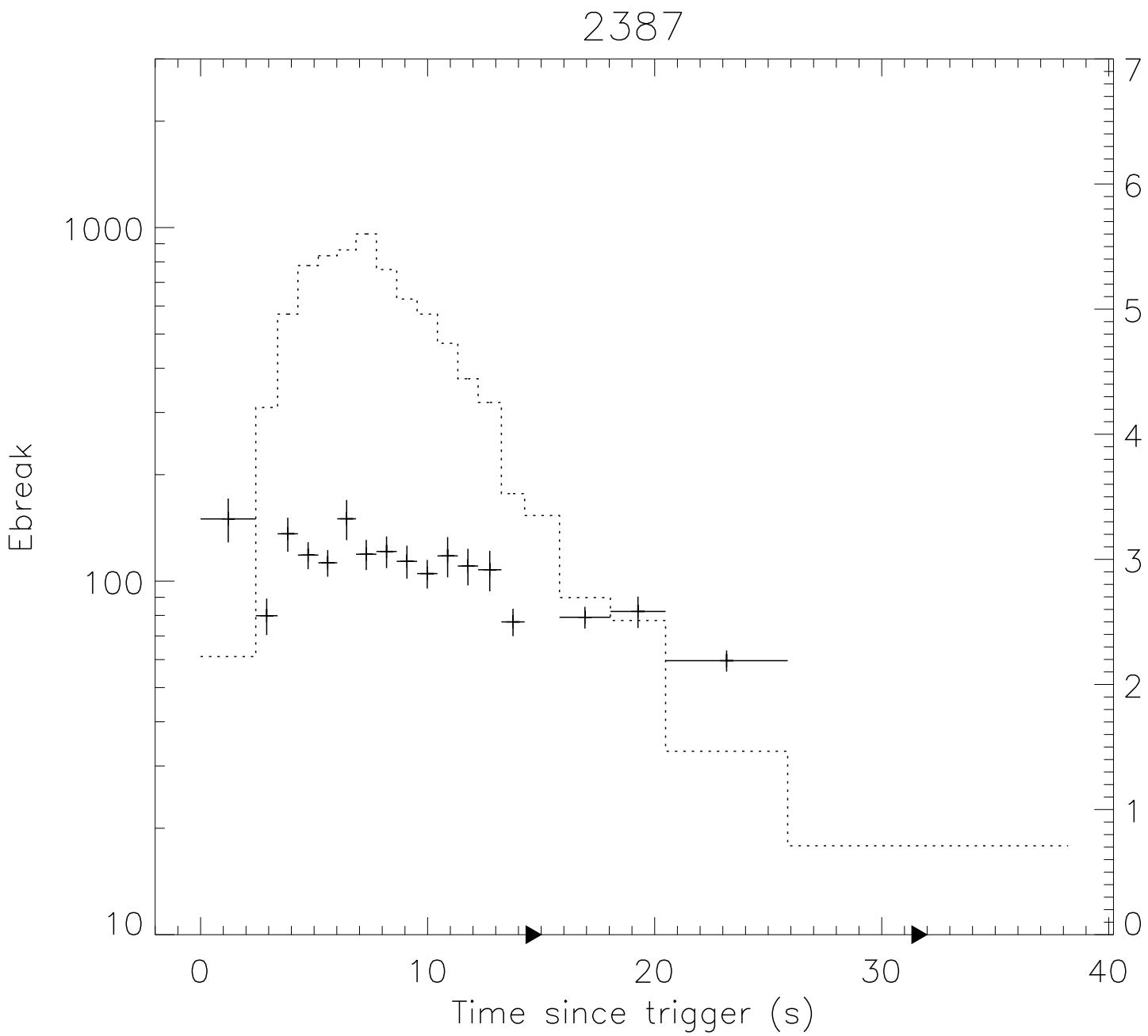

2286
Ebreak
1000
100
10
20
15
10
5
0
0
5
10
15
20
25
Time since trigger (s)

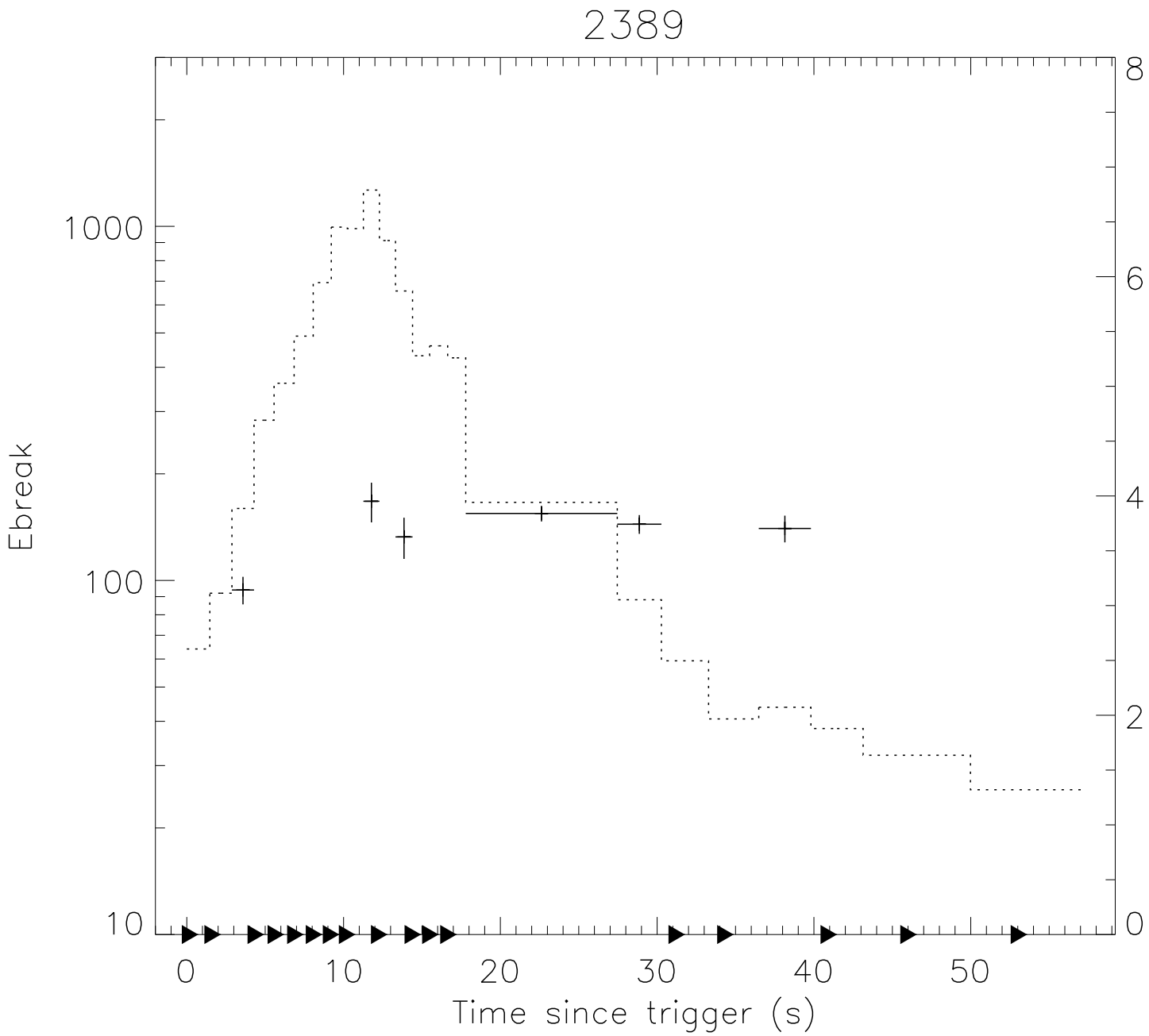

2287
Ebreak
1000
100
10
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40
50
60
Time since trigger (s)

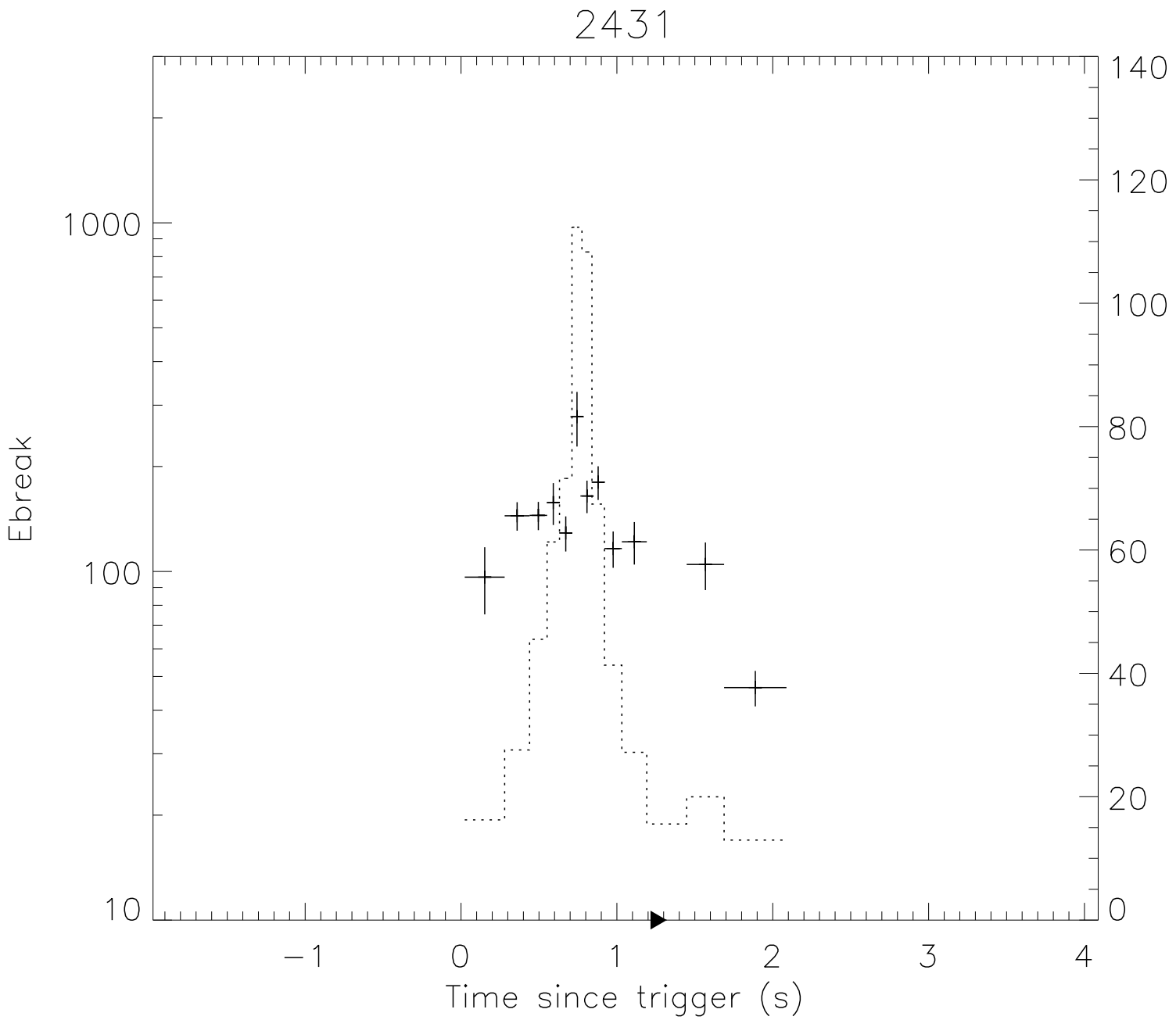

2316
1000
100
10
Ebreak
12
10
8
6
4
2
0
0
5
10
15
20
25
30
Time since trigger (s)

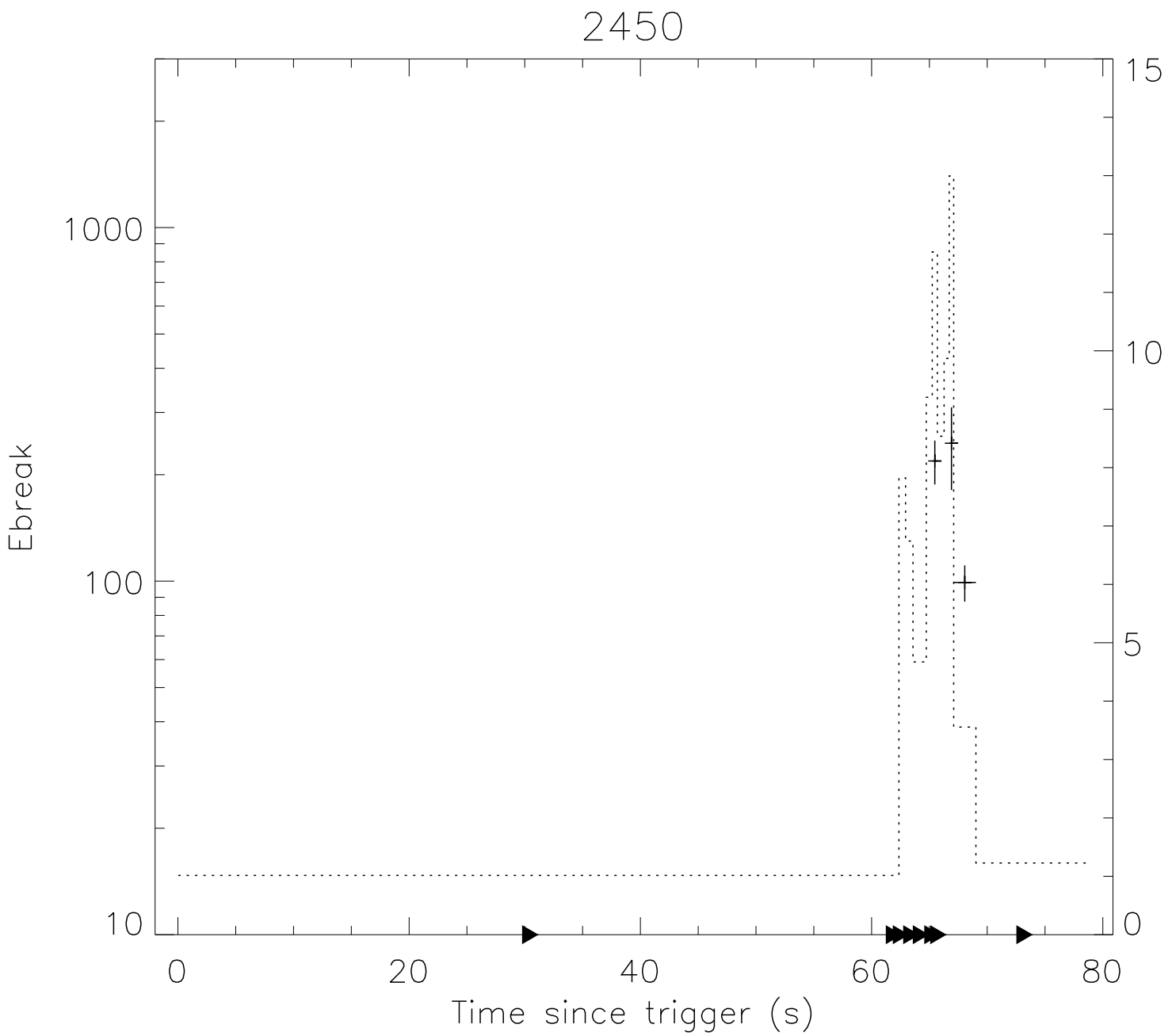

2329
1000
100
10
Ebreak
100
80
60
40
20
0
0
5
10
15
20
25
30
Time since trigger (s)

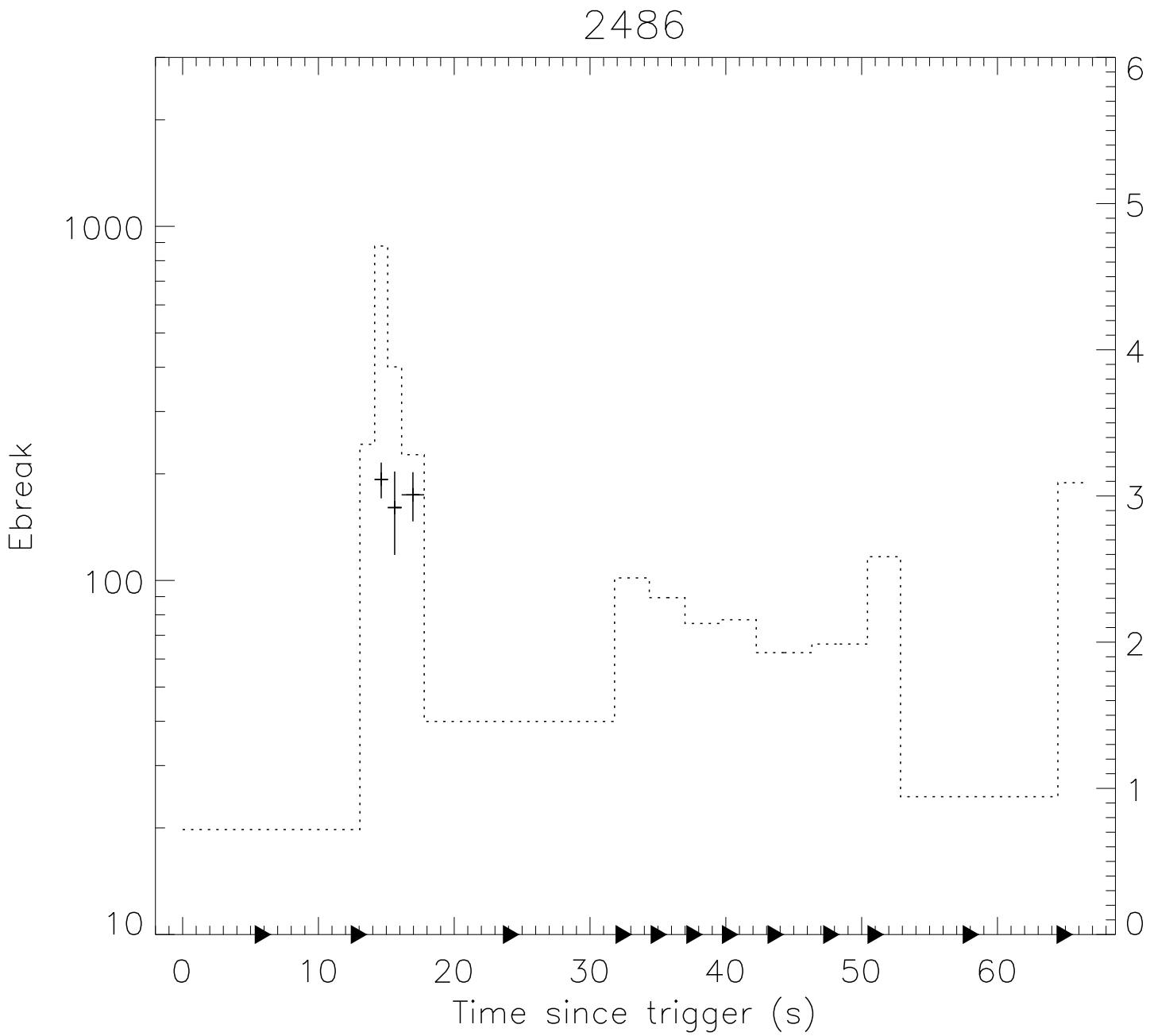

2383
1000
100
10
Ebreak
2.5
2.0
1.5
1.0
0.5
0
10
20
30
Time since trigger (s)

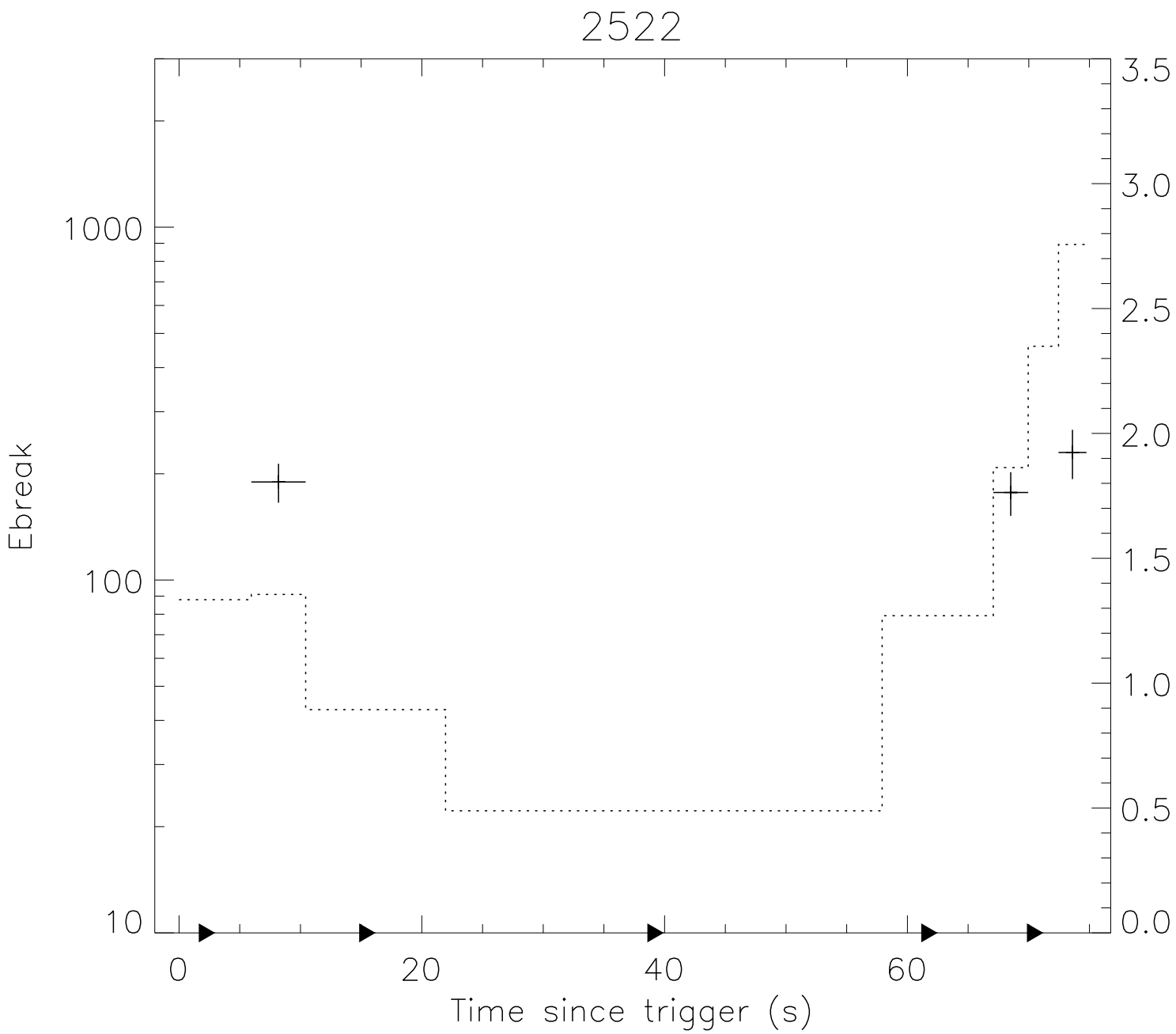

2387
1000
100
10
Ebreak
0
10
20
30
40
Time since trigger (s)
7
6
5
4
3
2
1
0

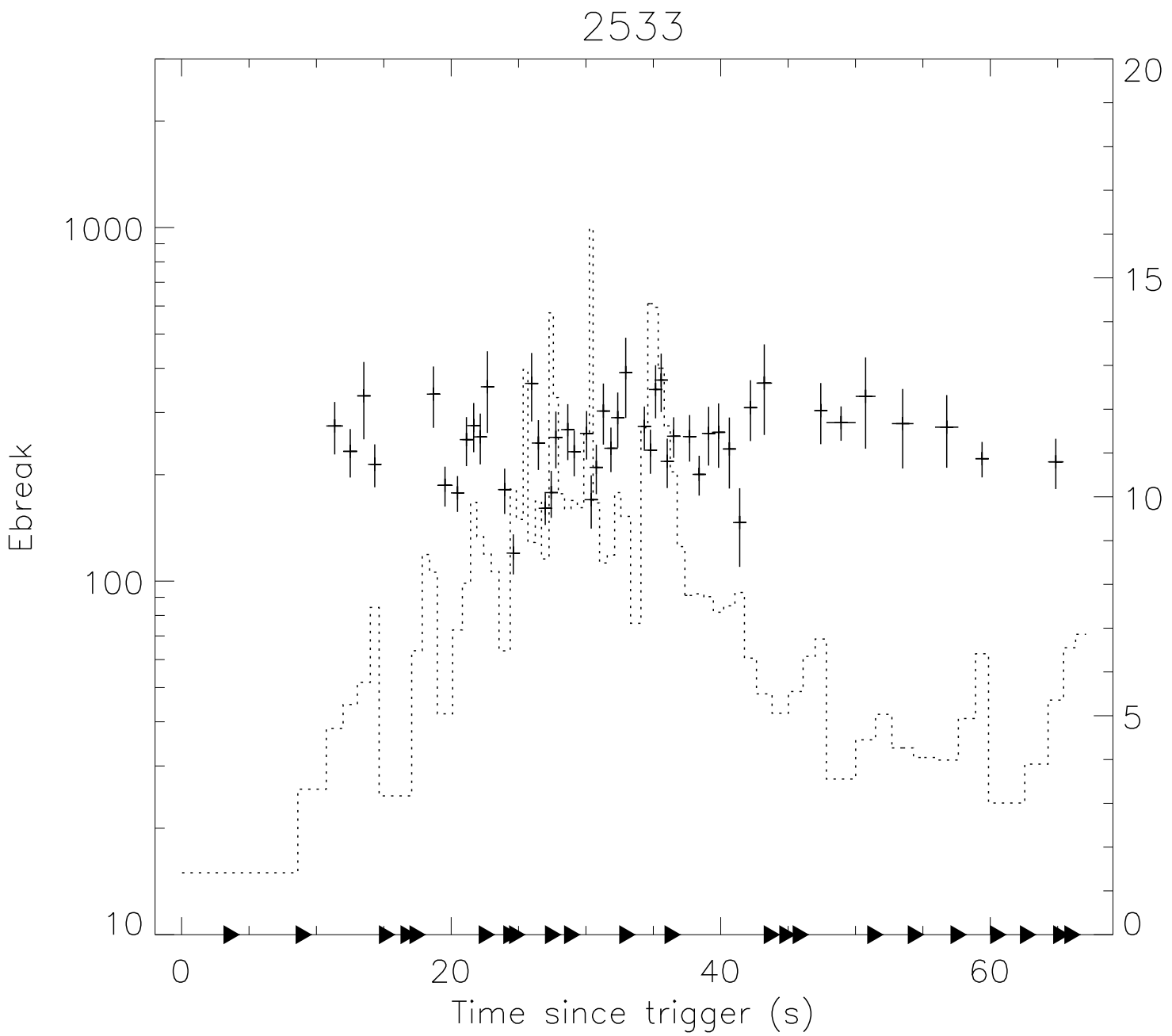

2389
1000
100
10
Ebreak
8
6
4
2
0
0
10
20
30
40
50
Time since trigger (s)

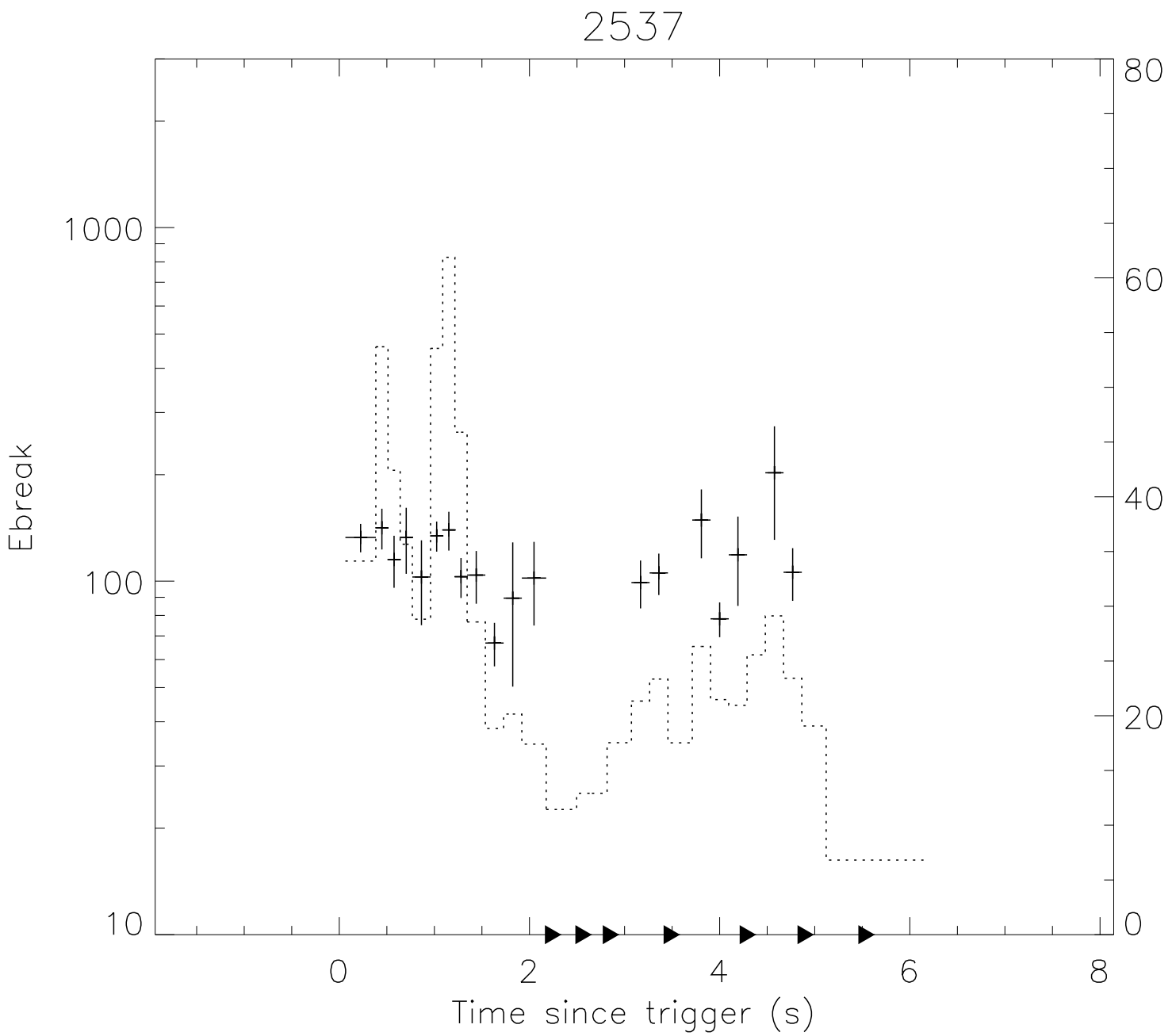

2431
1000
100
10
Ebreak
140
120
100
80
60
40
20
0
−1
0
1
2
3
4
Time since trigger (s)

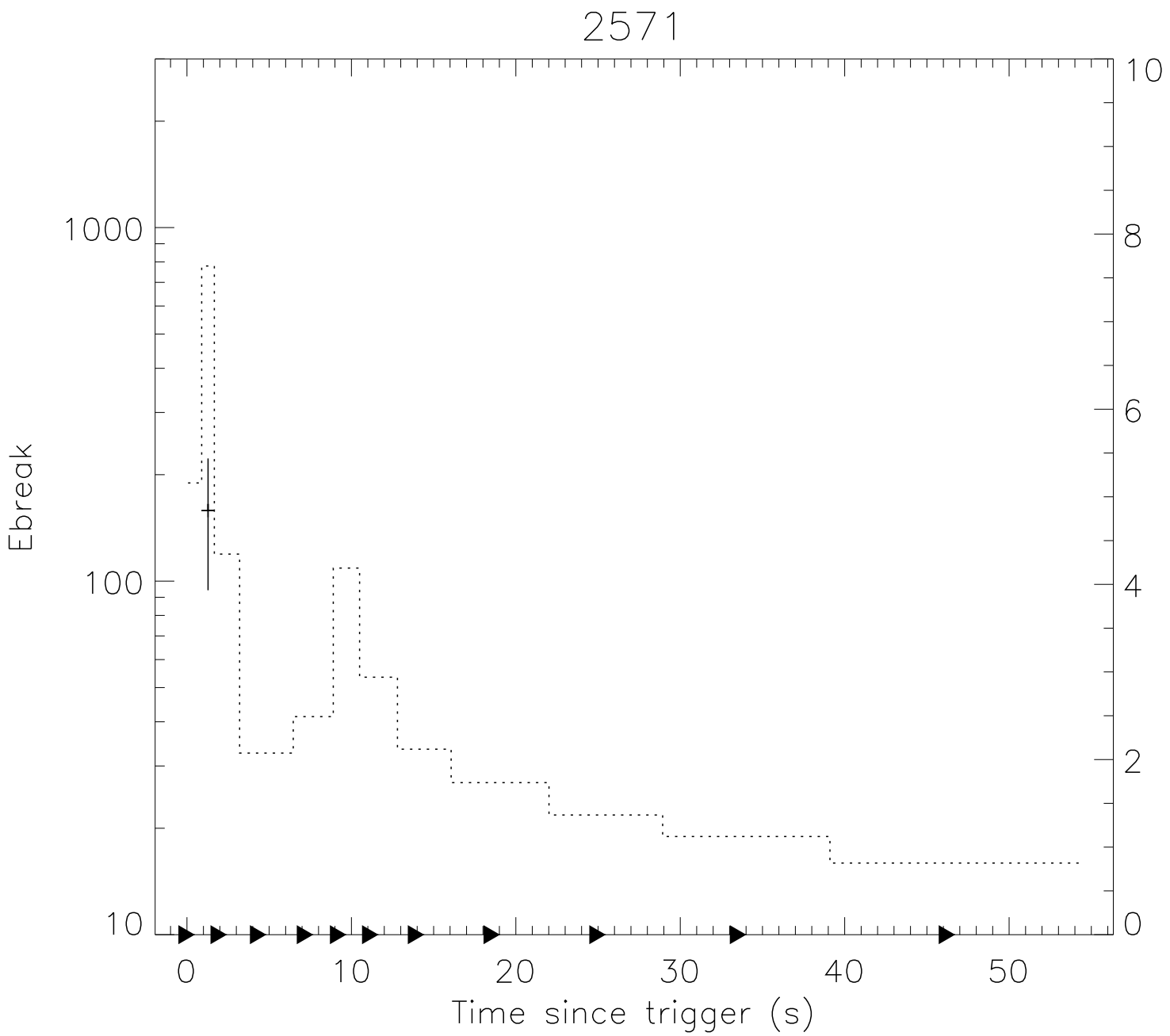

2450
Ebreak
1000
100
10
15
10
5
0
0
20
40
60
80
Time since trigger (s)

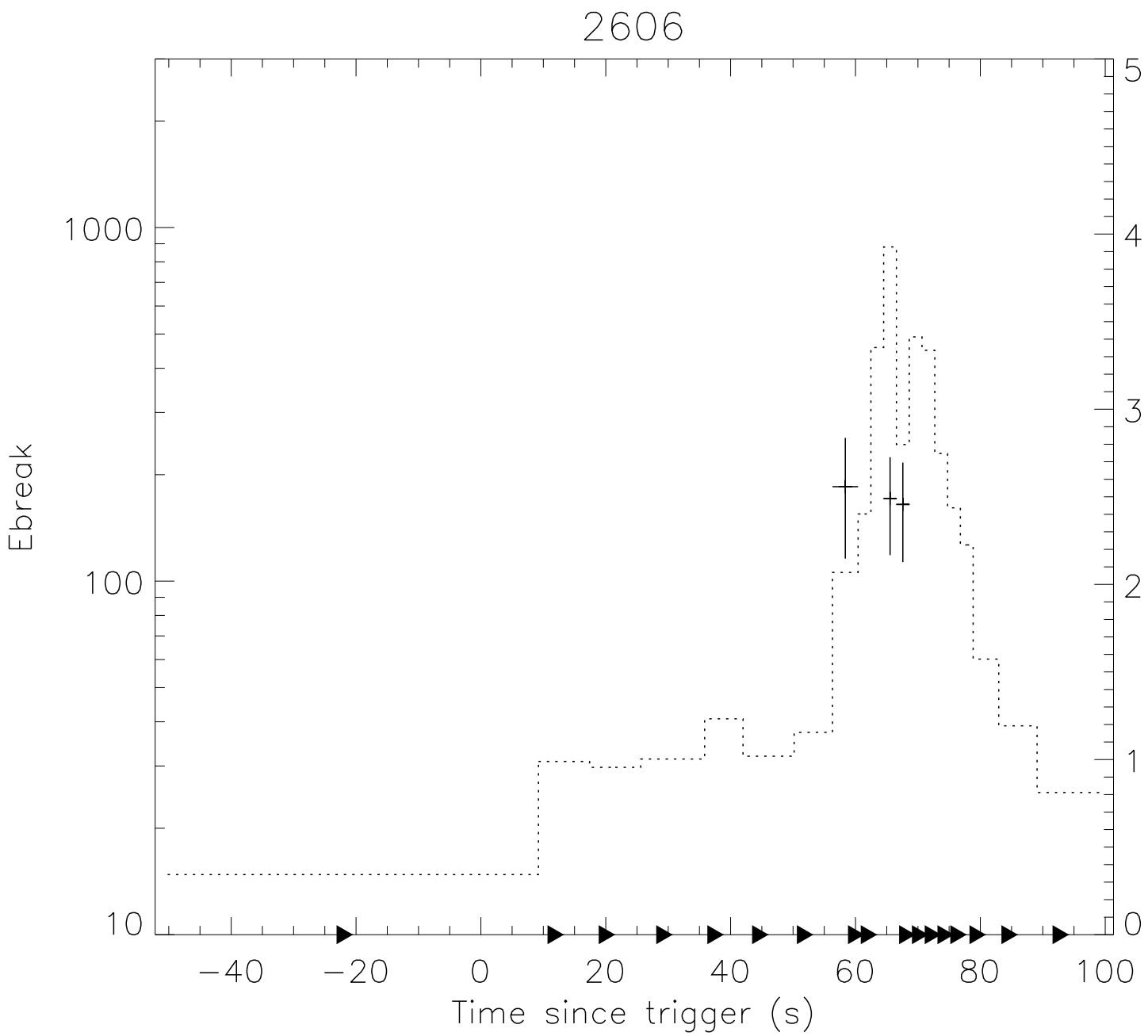

2486
1000
100
10
Ebreak
0
10
20
30
40
50
60
Time since trigger (s)
6
5
4
3
2
1
0

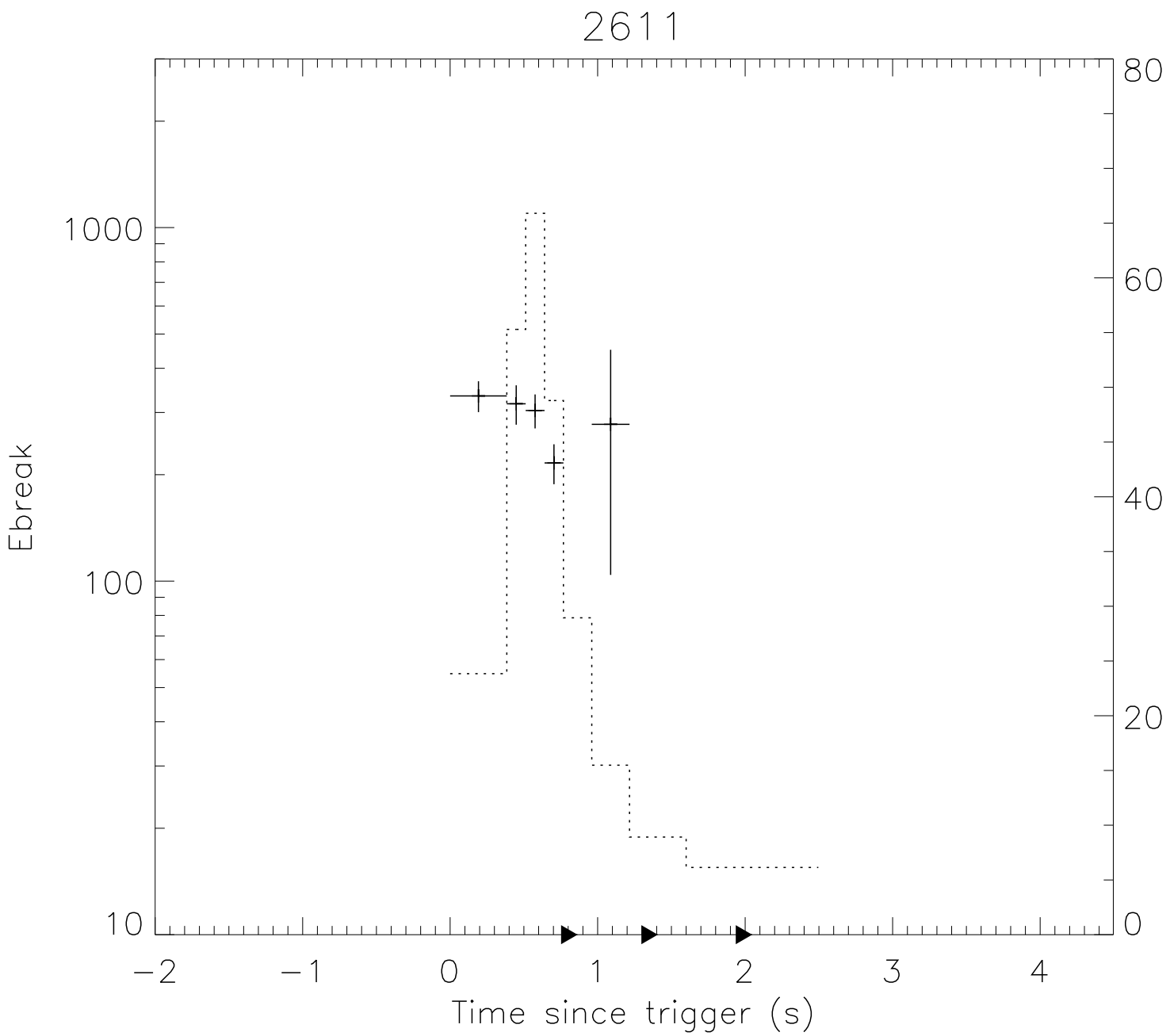

2522
1000
100
10
Ebreak
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
Time since trigger (s)

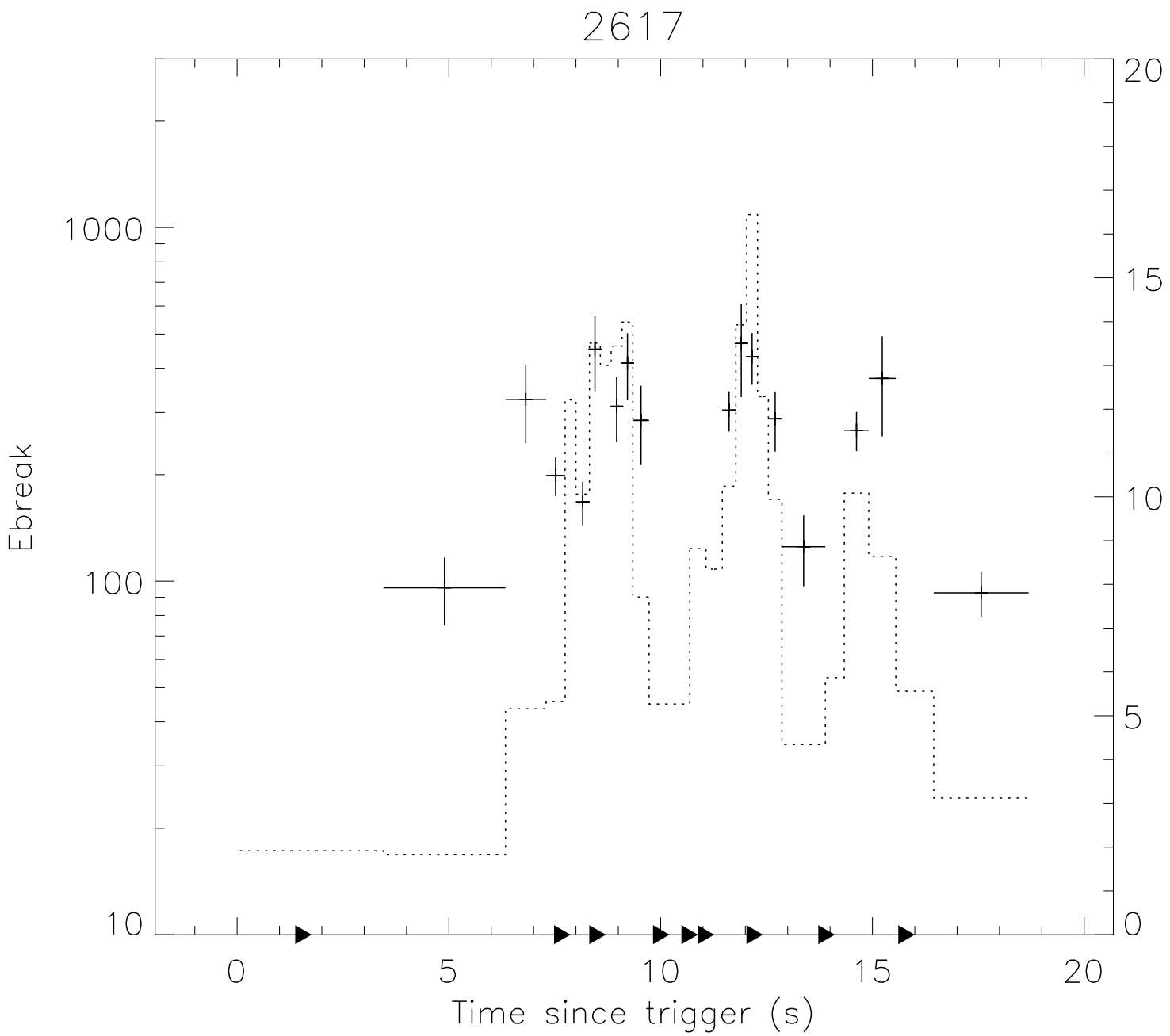

2533
Ebreak
1000
100
10
20
15
10
5
0
0
20
40
60
Time since trigger (s)

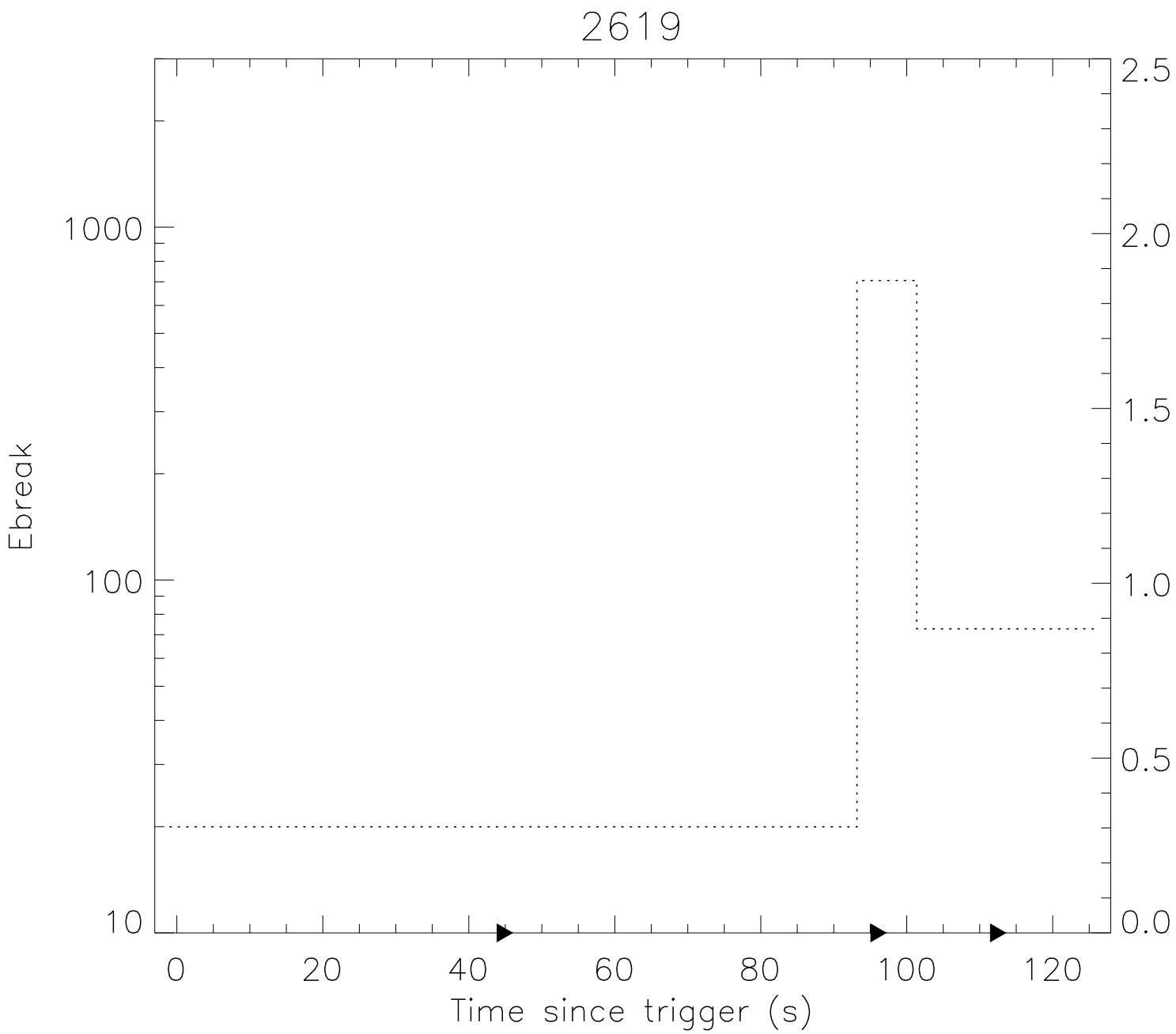

2537
1000
100
10
Ebreak
80
60
40
20
0
0
2
4
6
8
Time since trigger (s)

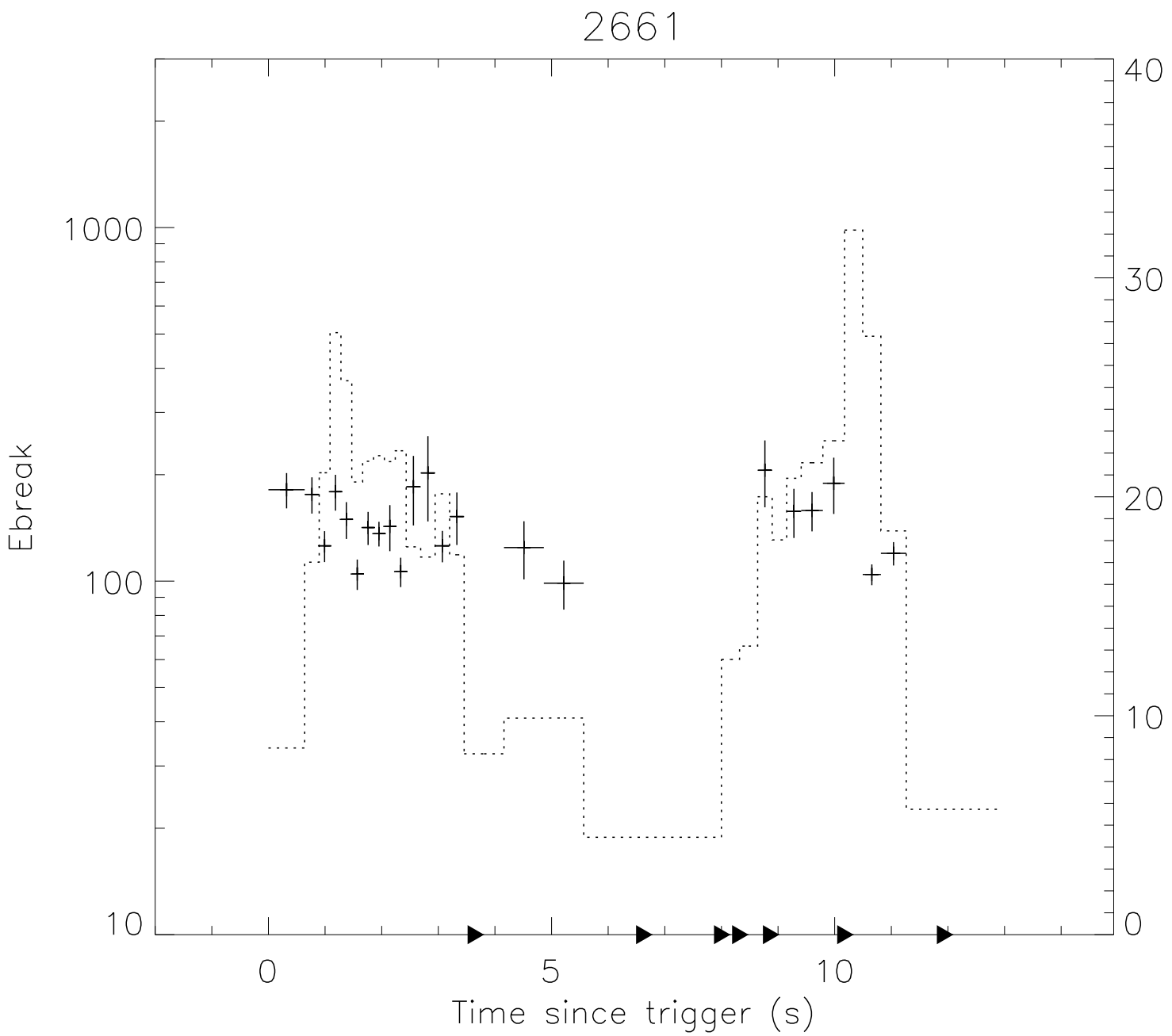

2571
1000
100
10
Ebreak
10
8
6
4
2
0
0
10
20
30
40
50
Time since trigger (s)

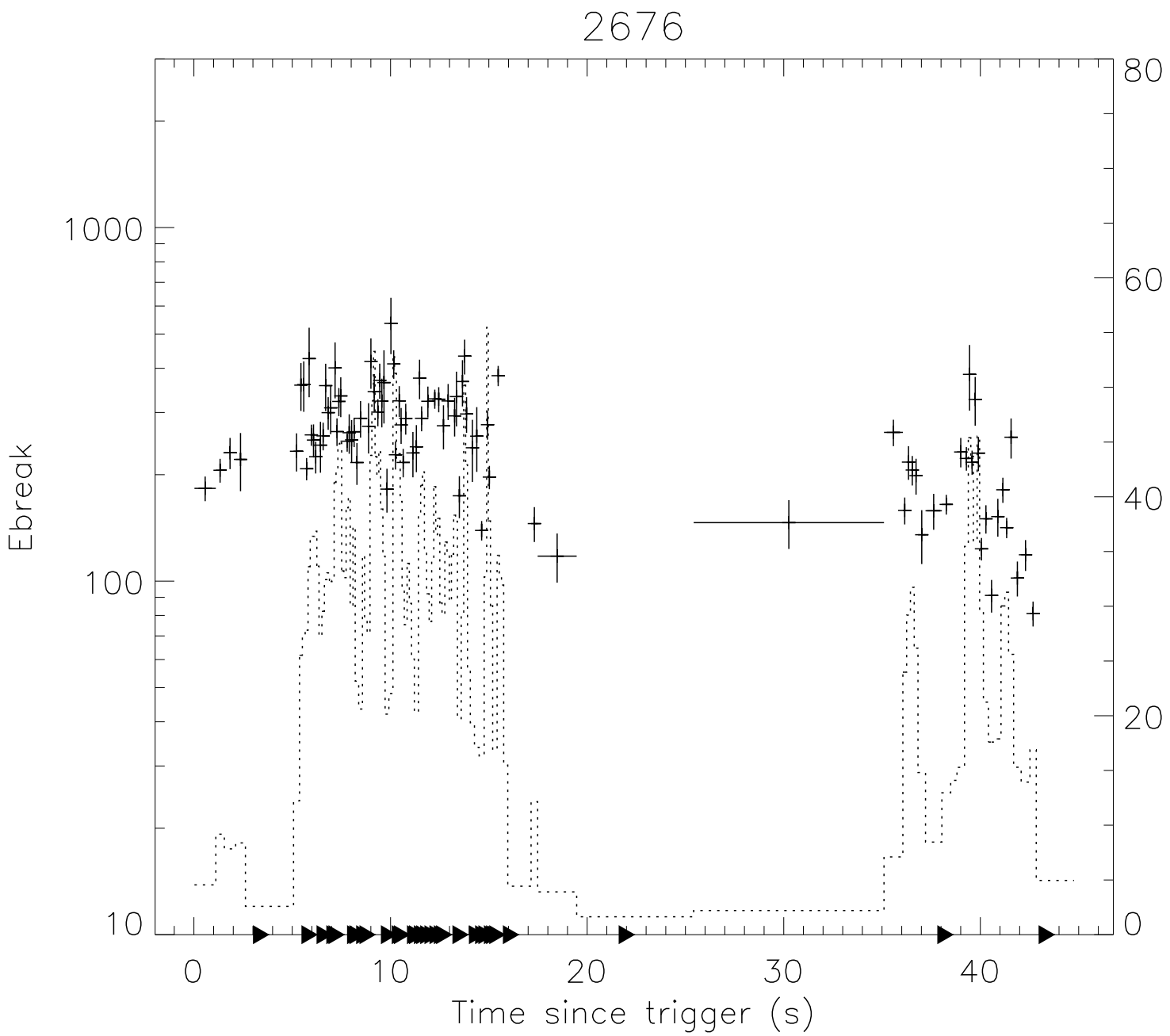

2606
Ebreak
1000
100
10
5
4
3
2
1
0
−40
−20
0
20
40
60
80
100
Time since trigger (s)

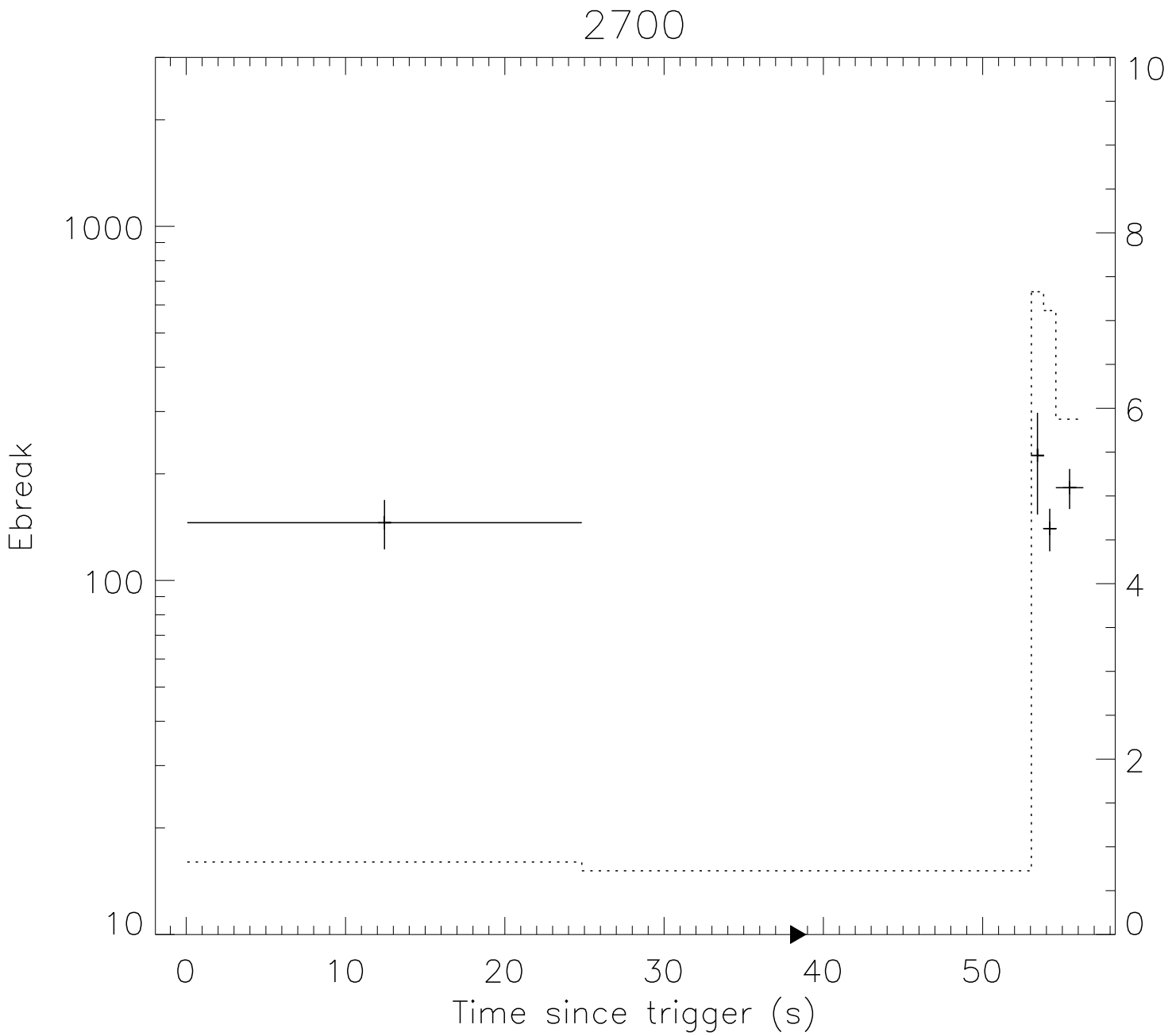

2611
1000
100
10
Ebreak
80
60
40
20
0
−2
−1
0
1
2
3
4
Time since trigger (s)

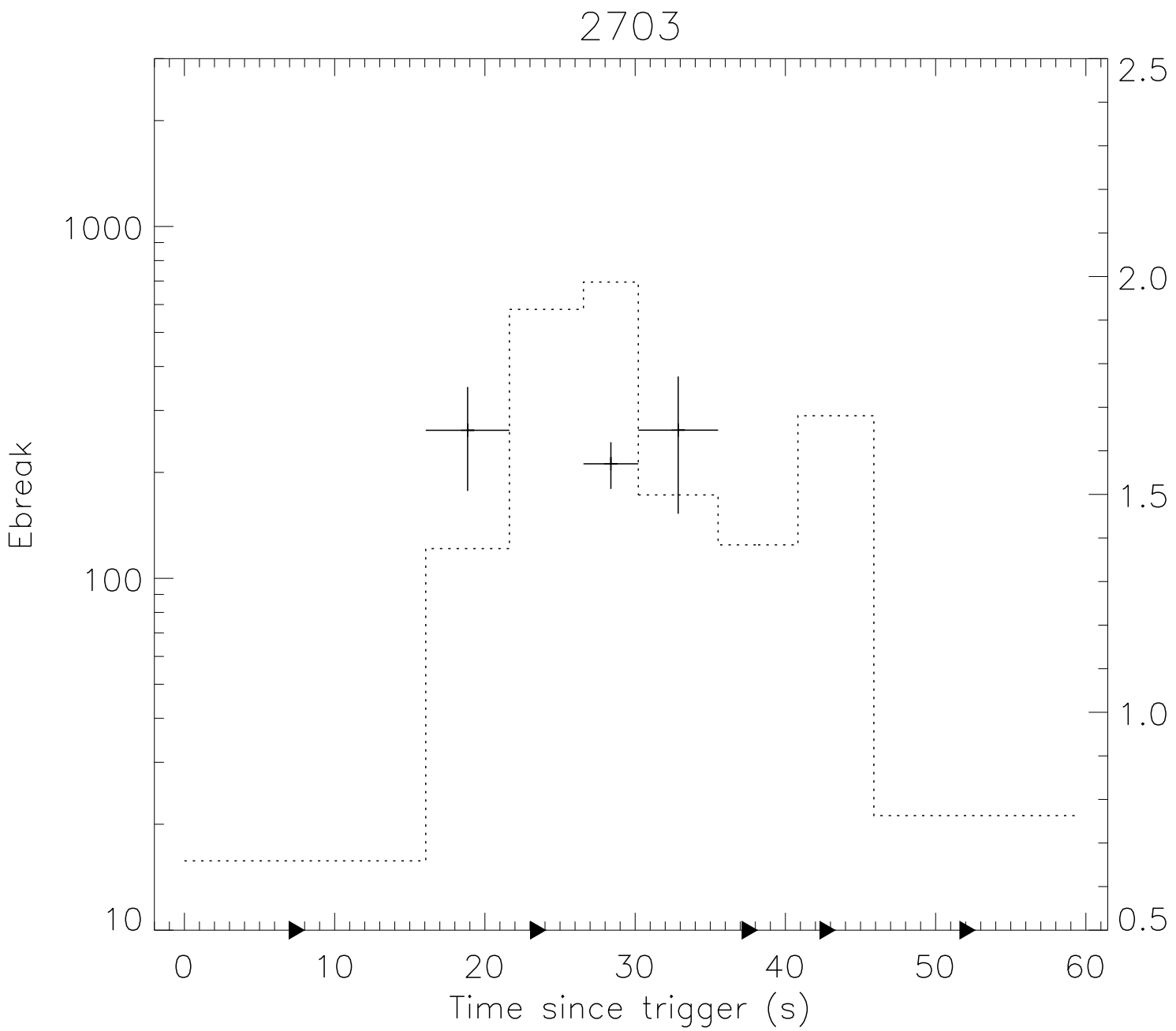

2617
Ebreak
1000
100
10
0
5
10
15
20
Time since trigger (s)
20
15
10
5
0

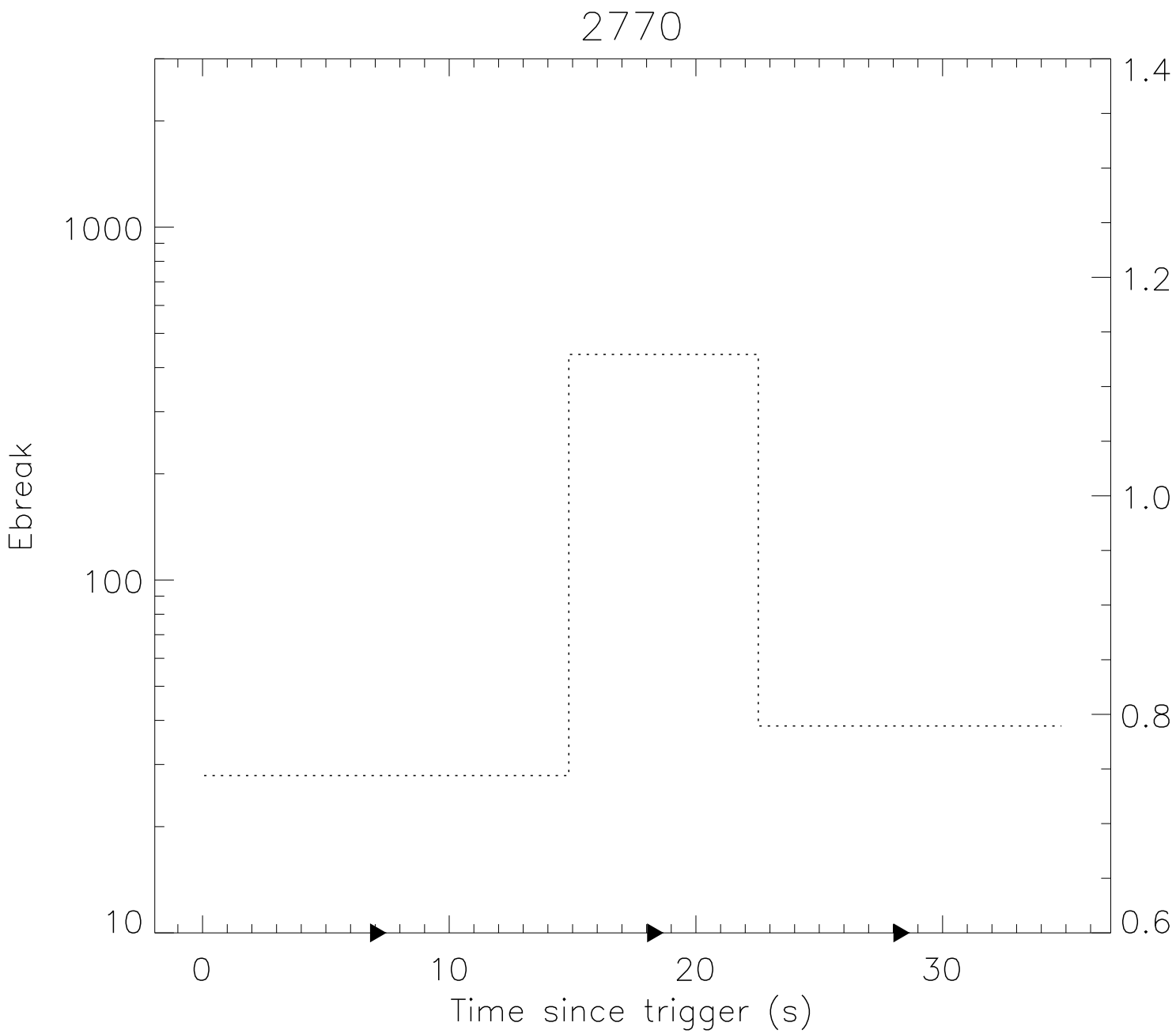

2619
Ebreak
1000
100
10
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
100
120
Time since trigger (s)

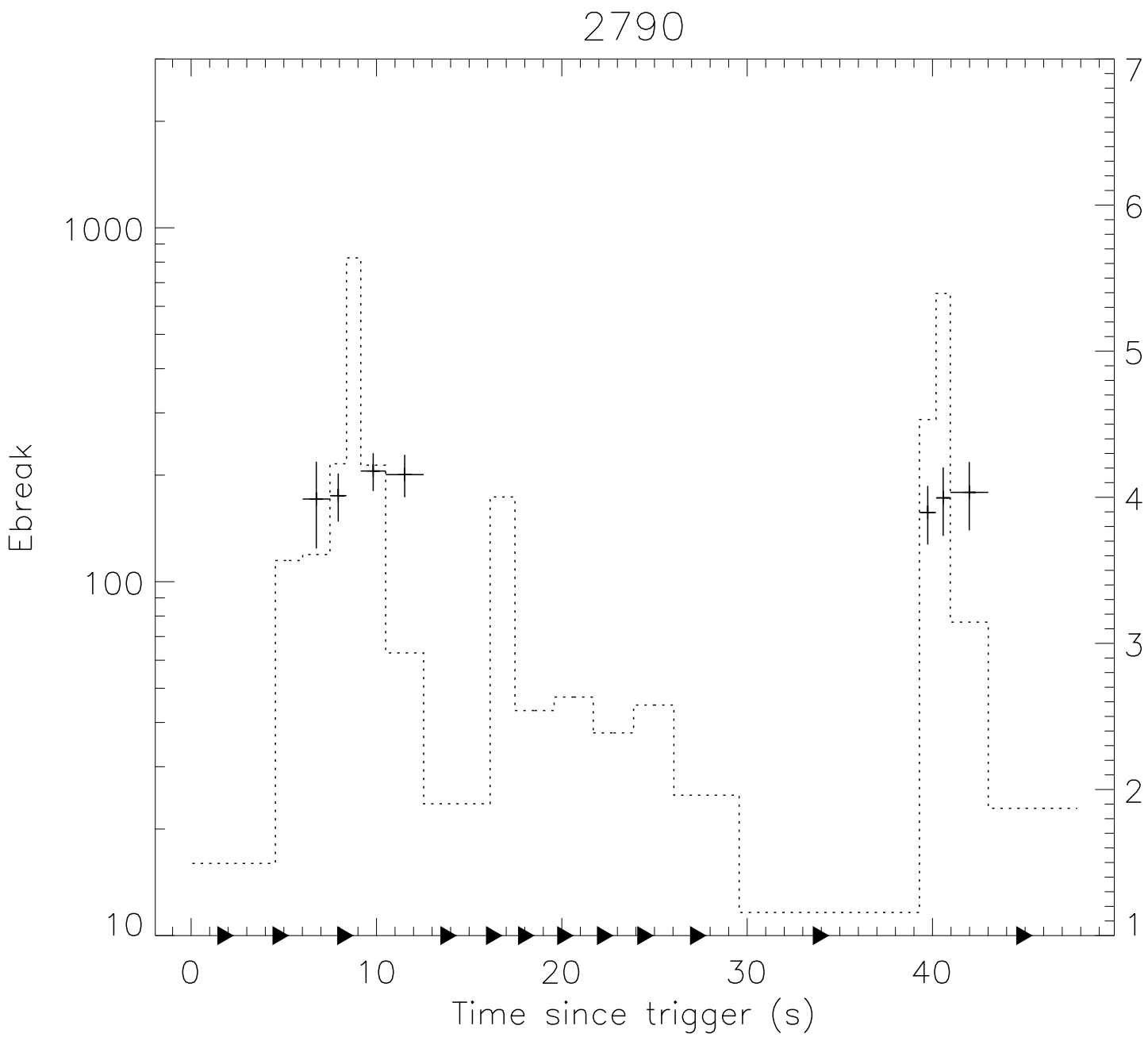

2661
1000
100
10
Ebreak
40
30
20
10
0
0
5
10
Time since trigger (s)

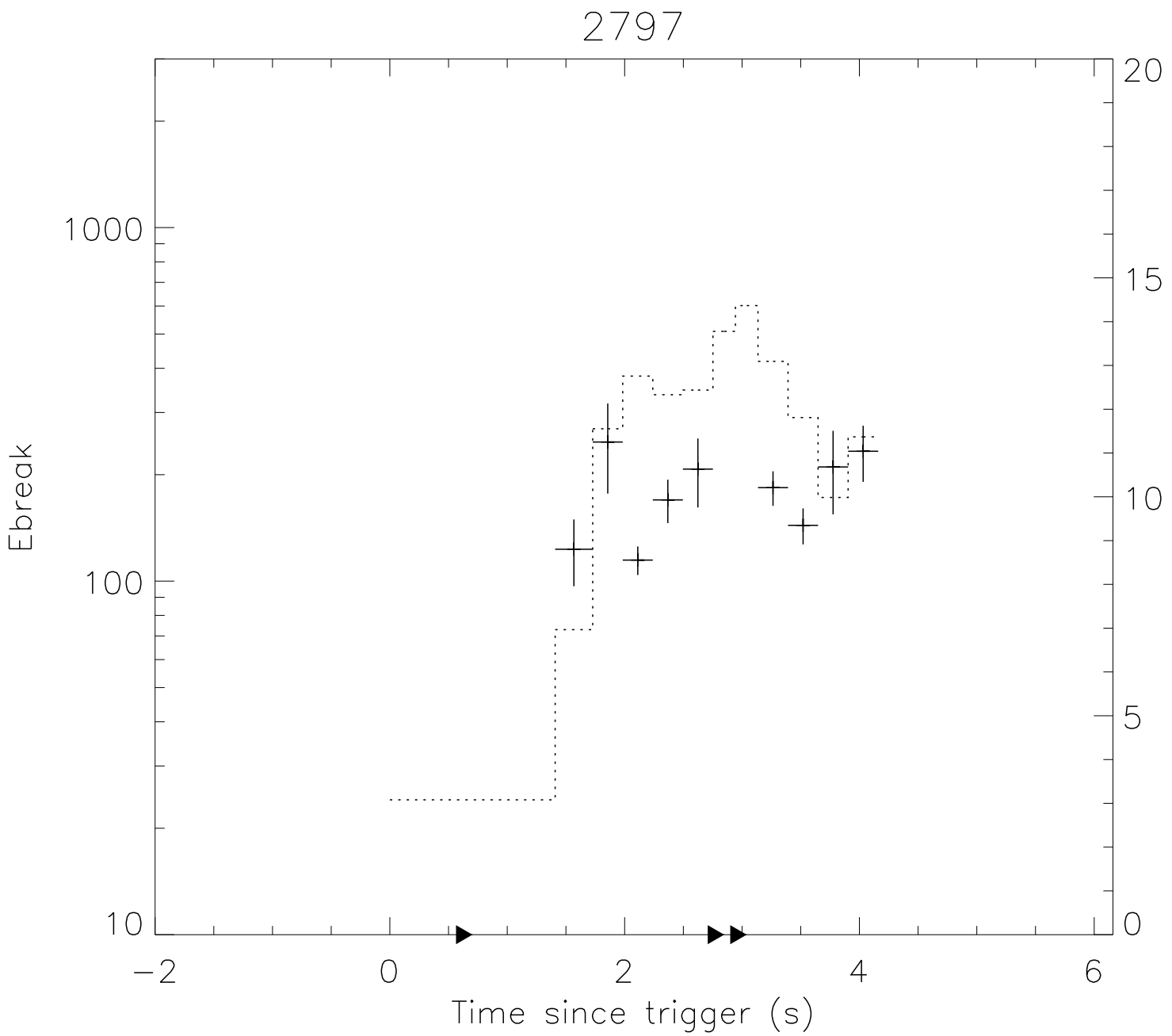

2676
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
80
60
40
20
0

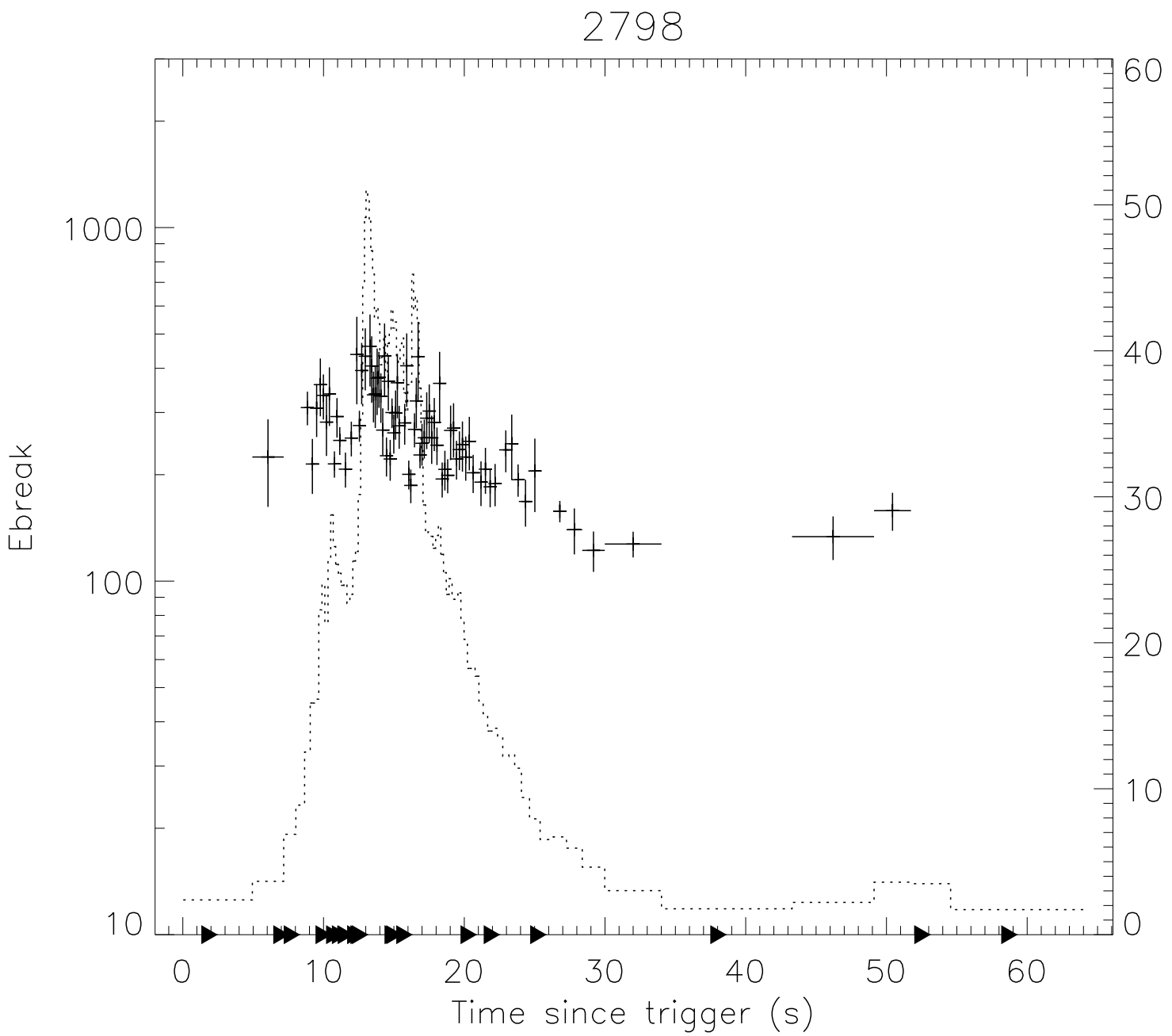

2700
Ebreak
1000
100
10
10
8
6
4
2
0
0
10
20
30
40
50
Time since trigger (s)

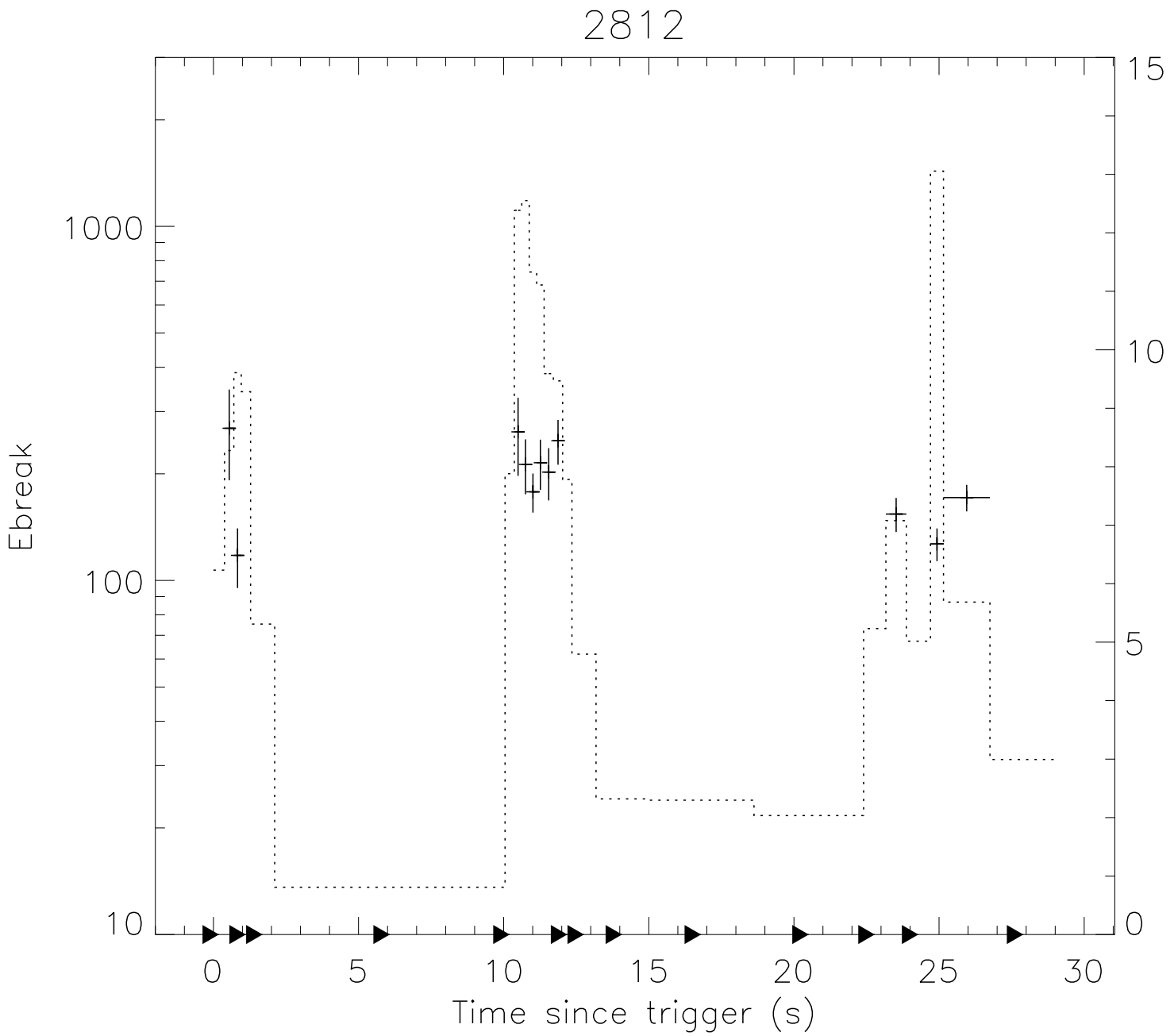

2703
Ebreak
1000
100
10
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40
50
60
Time since trigger (s)

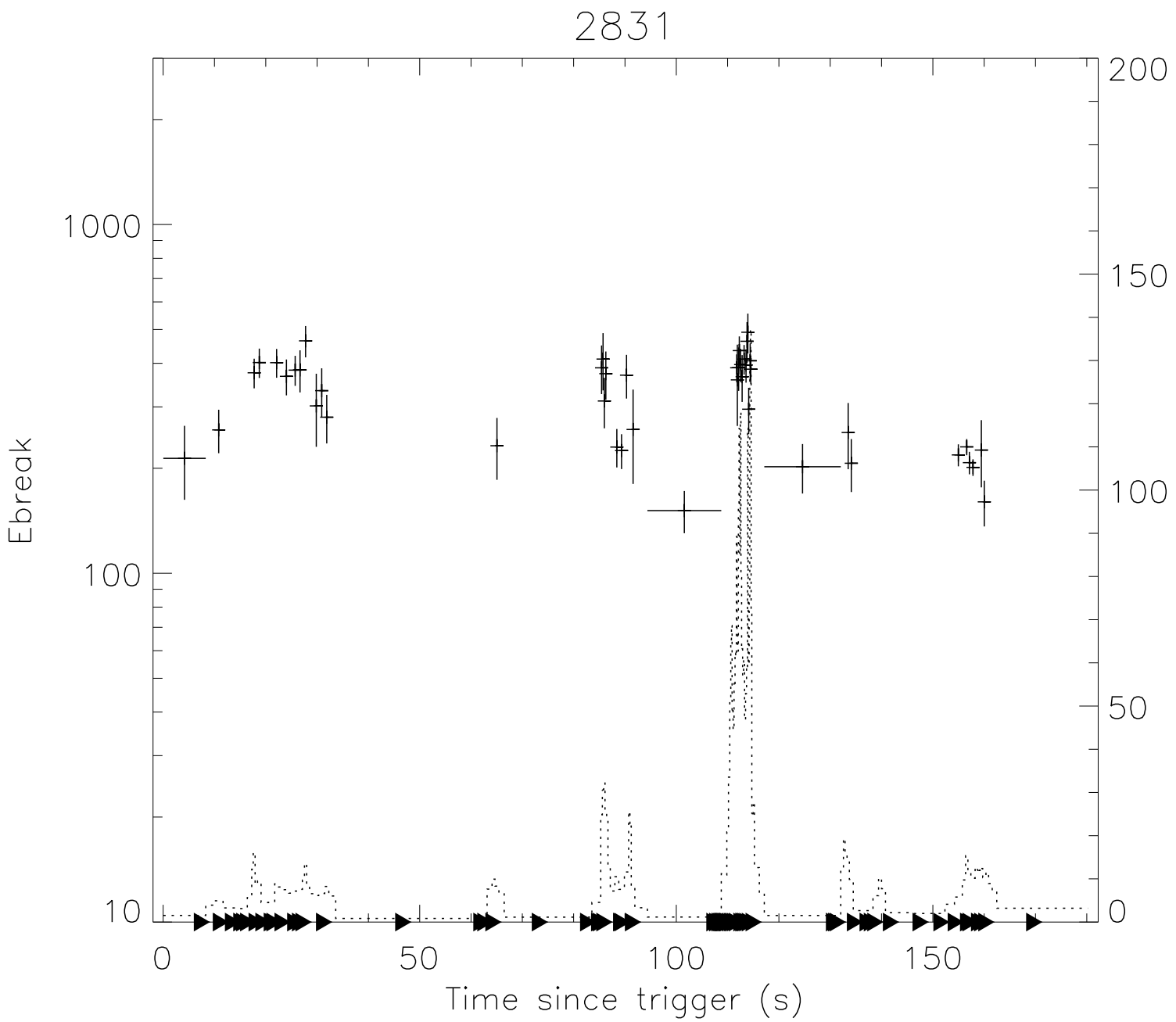

2770
1000
100
10
Ebreak
1.4
1.2
1.0
0.8
0.6
0
10
20
30
Time since trigger (s)

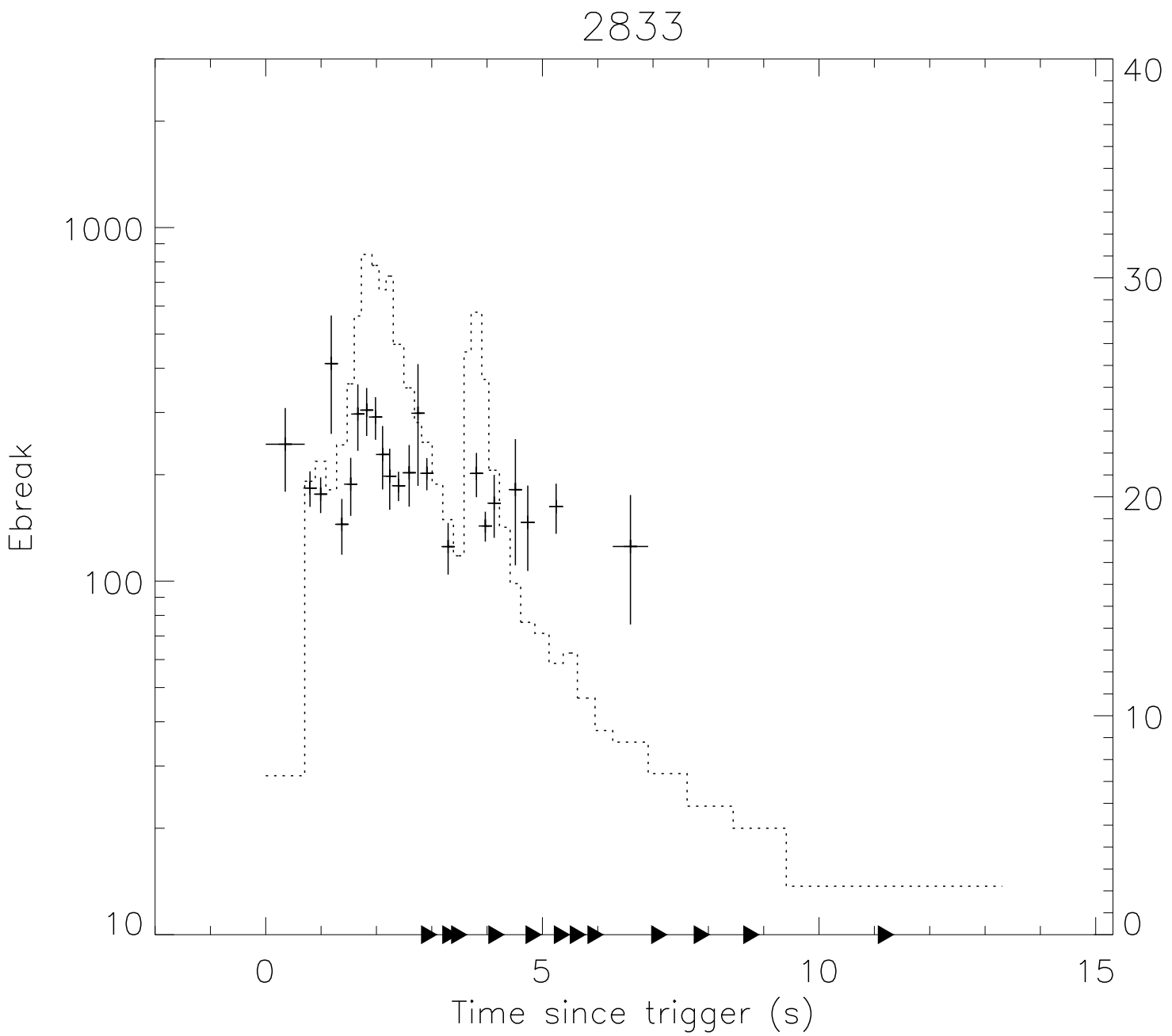

2790
1000
100
10
Ebreak
7
6
5
4
3
2
1
0
10
20
30
40
Time since trigger (s)

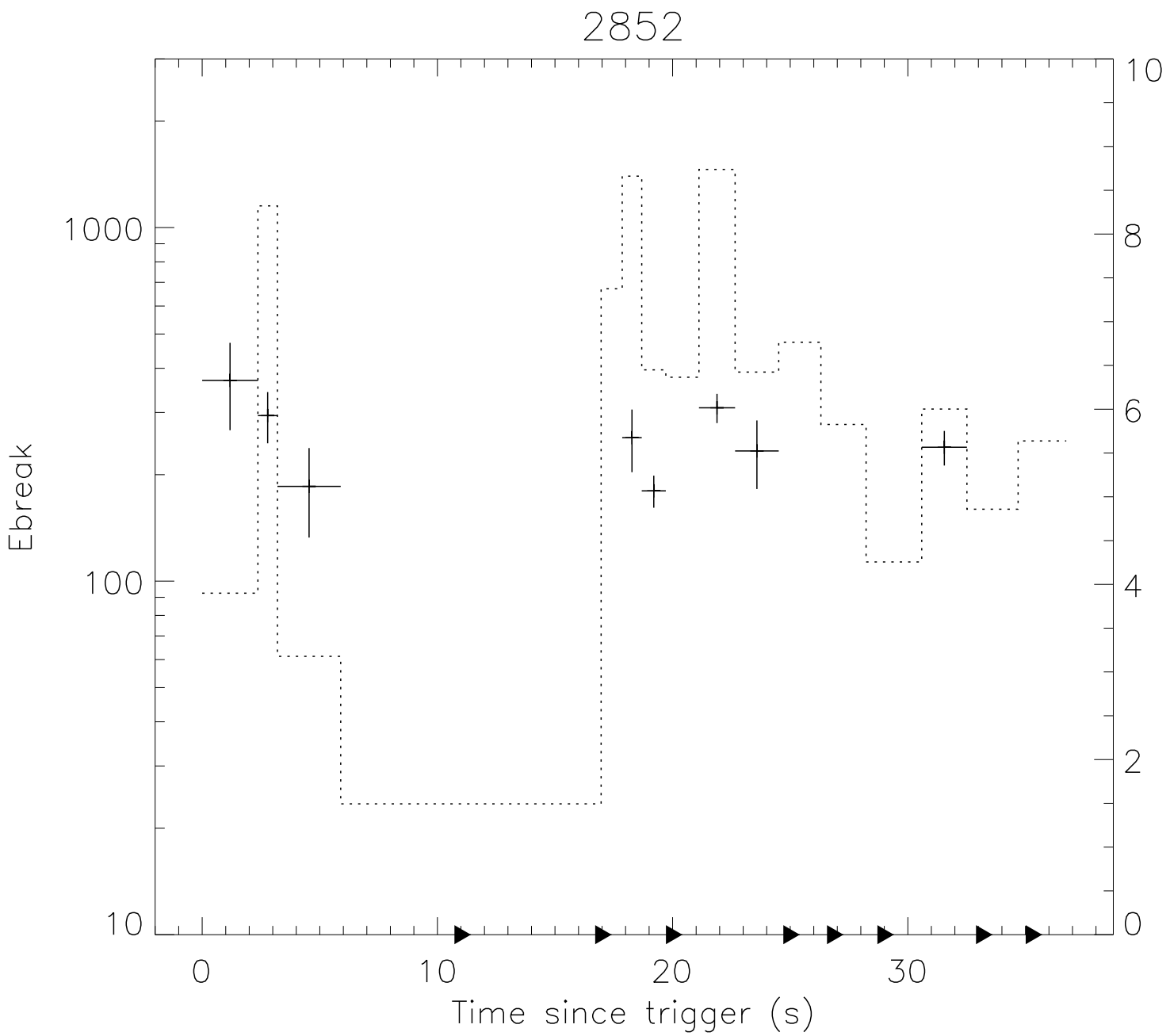

2797
Ebreak
1000
100
10
20
15
10
5
0
−2
0
2
4
6
Time since trigger (s)

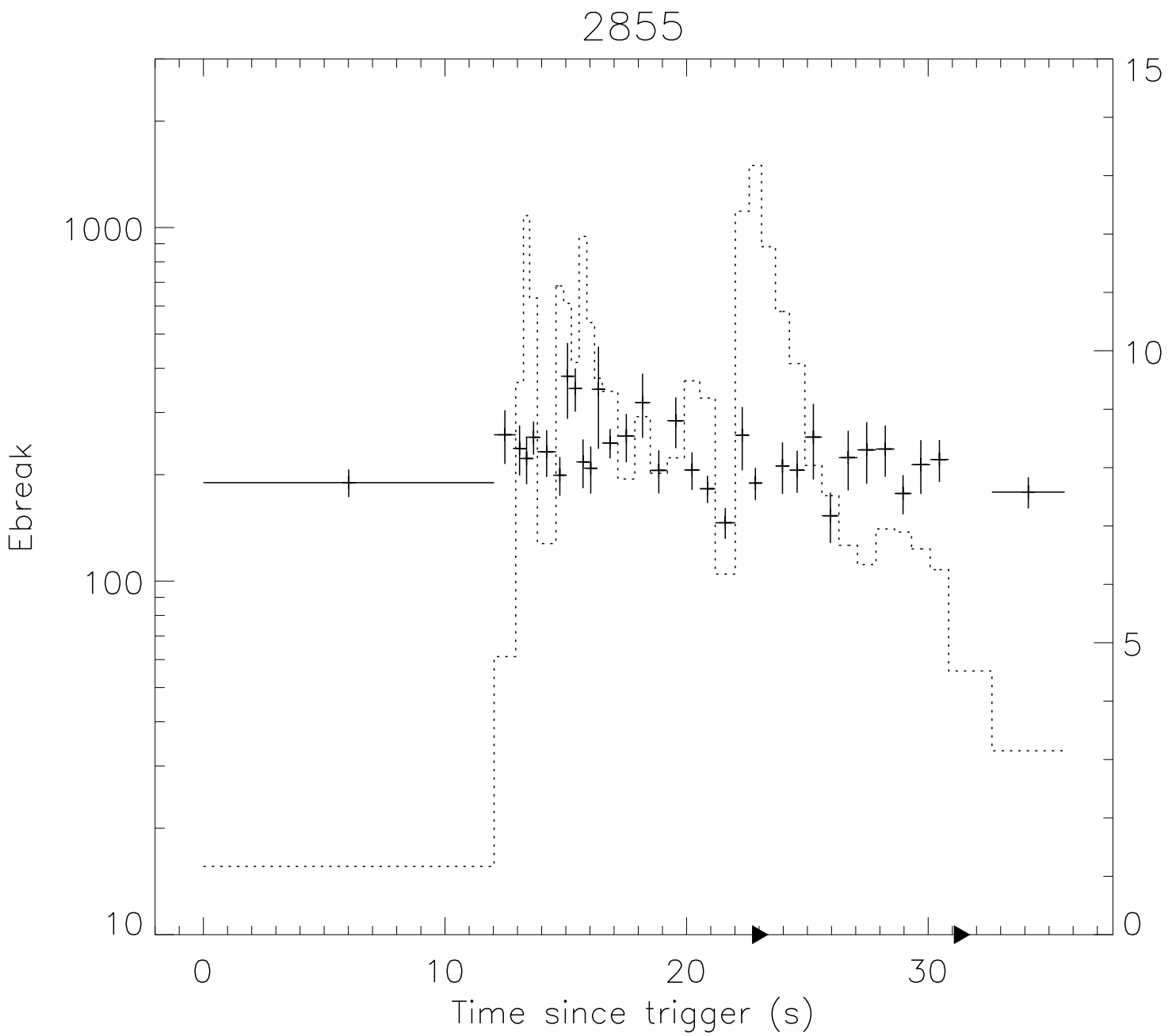

2798
Ebreak
1000
100
10
0
10
20
30
40
50
60
Time since trigger (s)
60
50
40
30
20
10
0

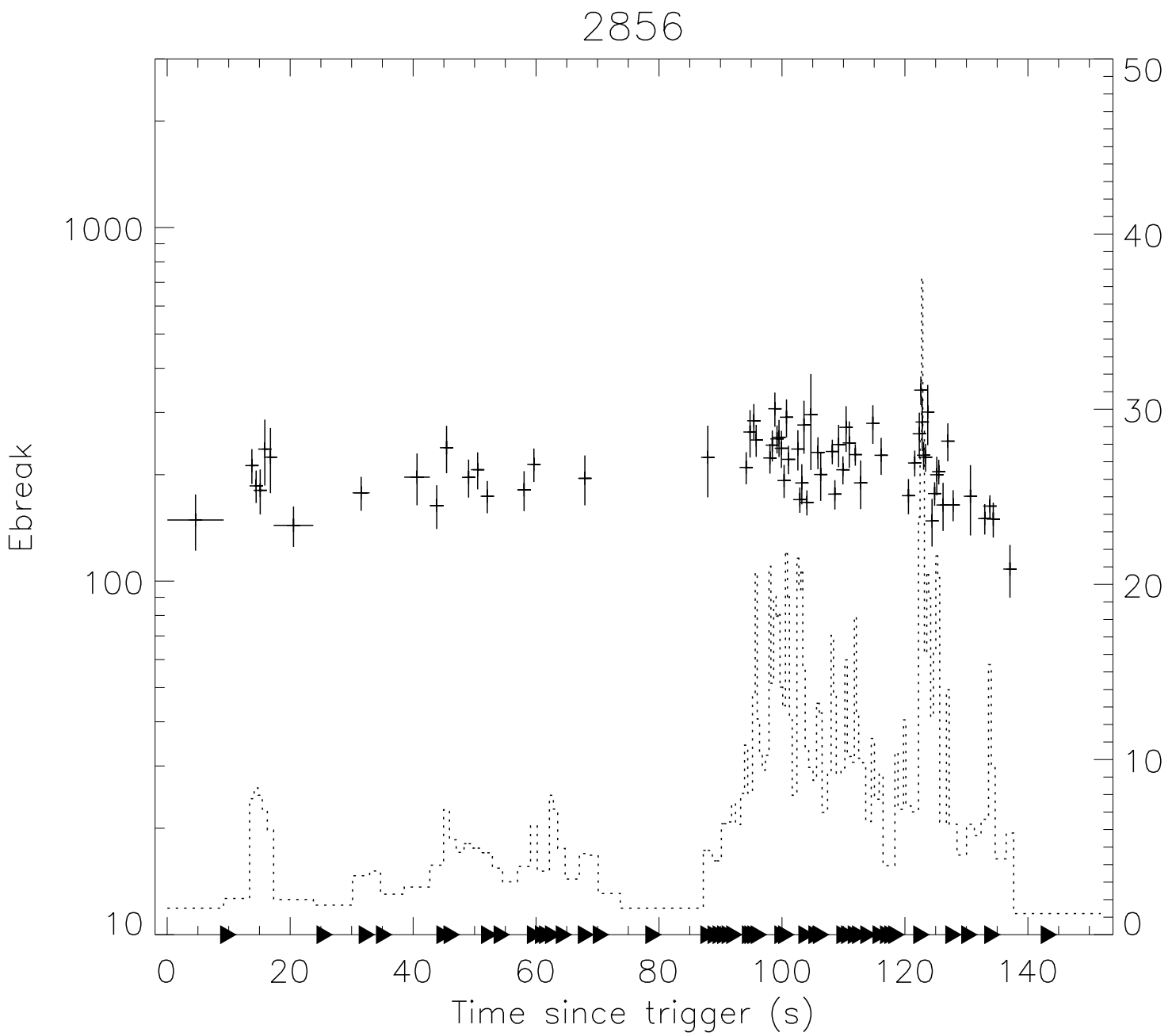

2812
1000
100
10
Ebreak
15
10
5
0
0
5
10
15
20
25
30
Time since trigger (s)

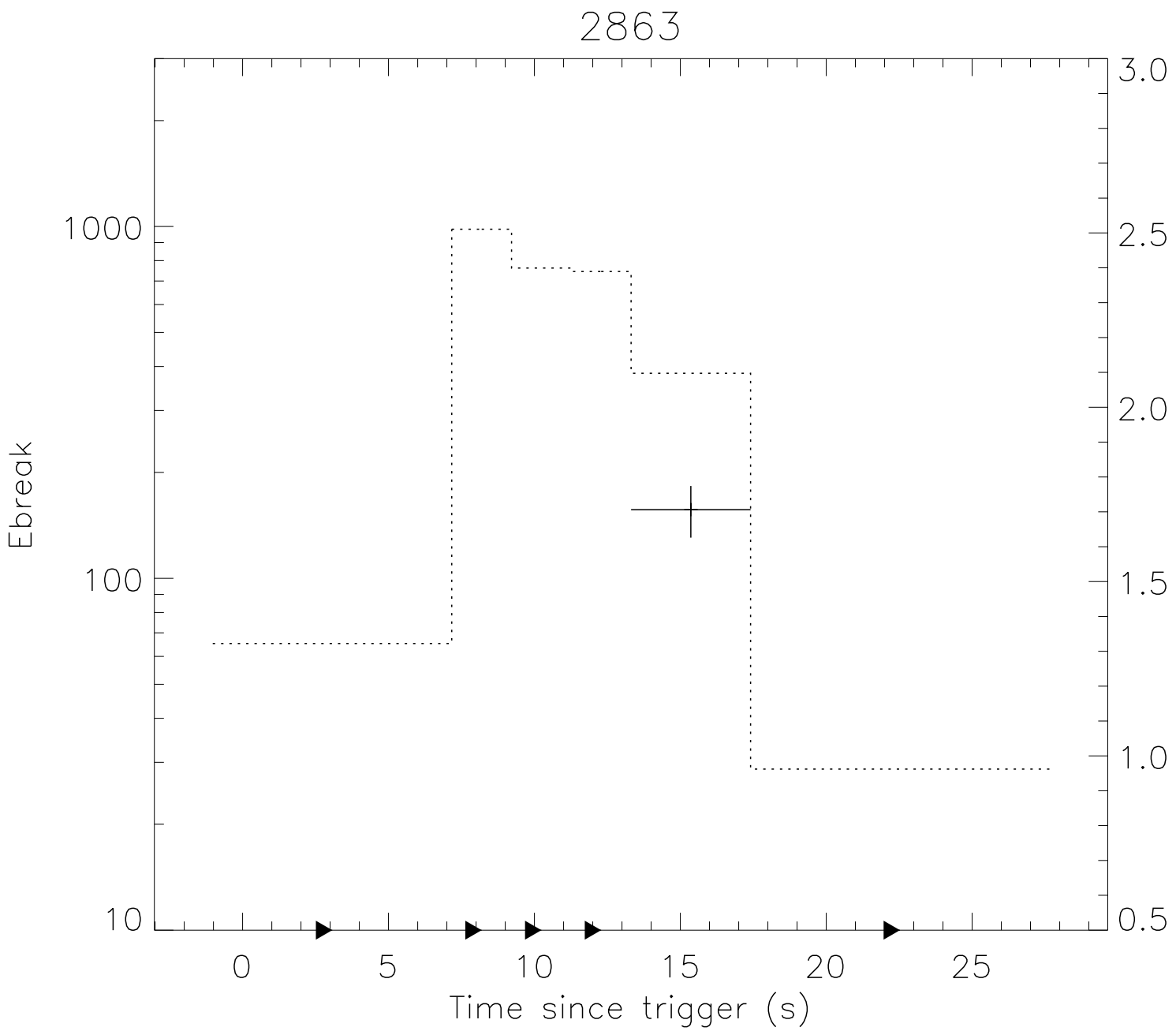

2831
Ebreak
1000
100
10
200
150
100
50
0
0
50
100
150
Time since trigger (s)

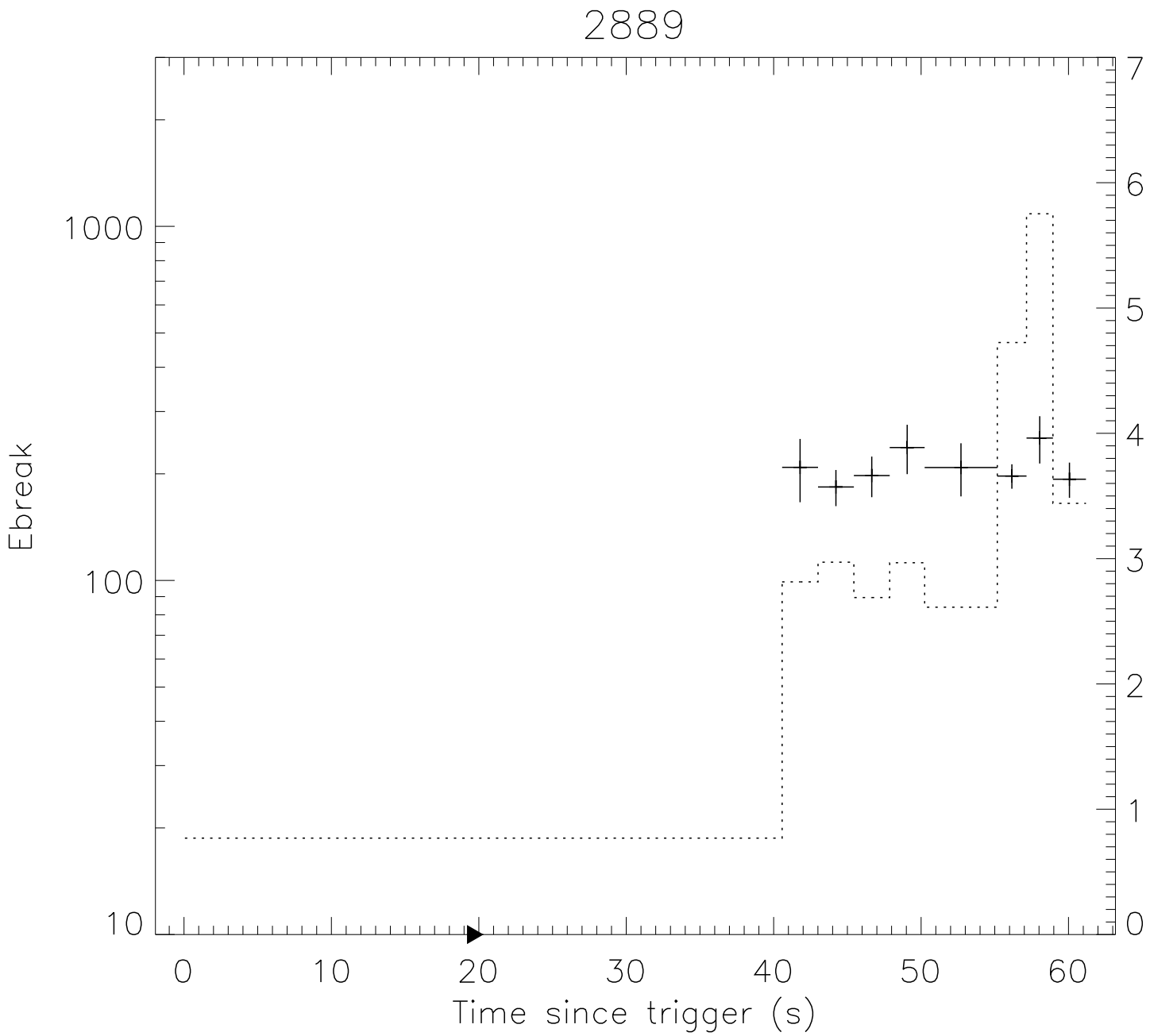

2833
Ebreak
1000
100
10
40
30
20
10
0
0
5
10
15
Time since trigger (s)

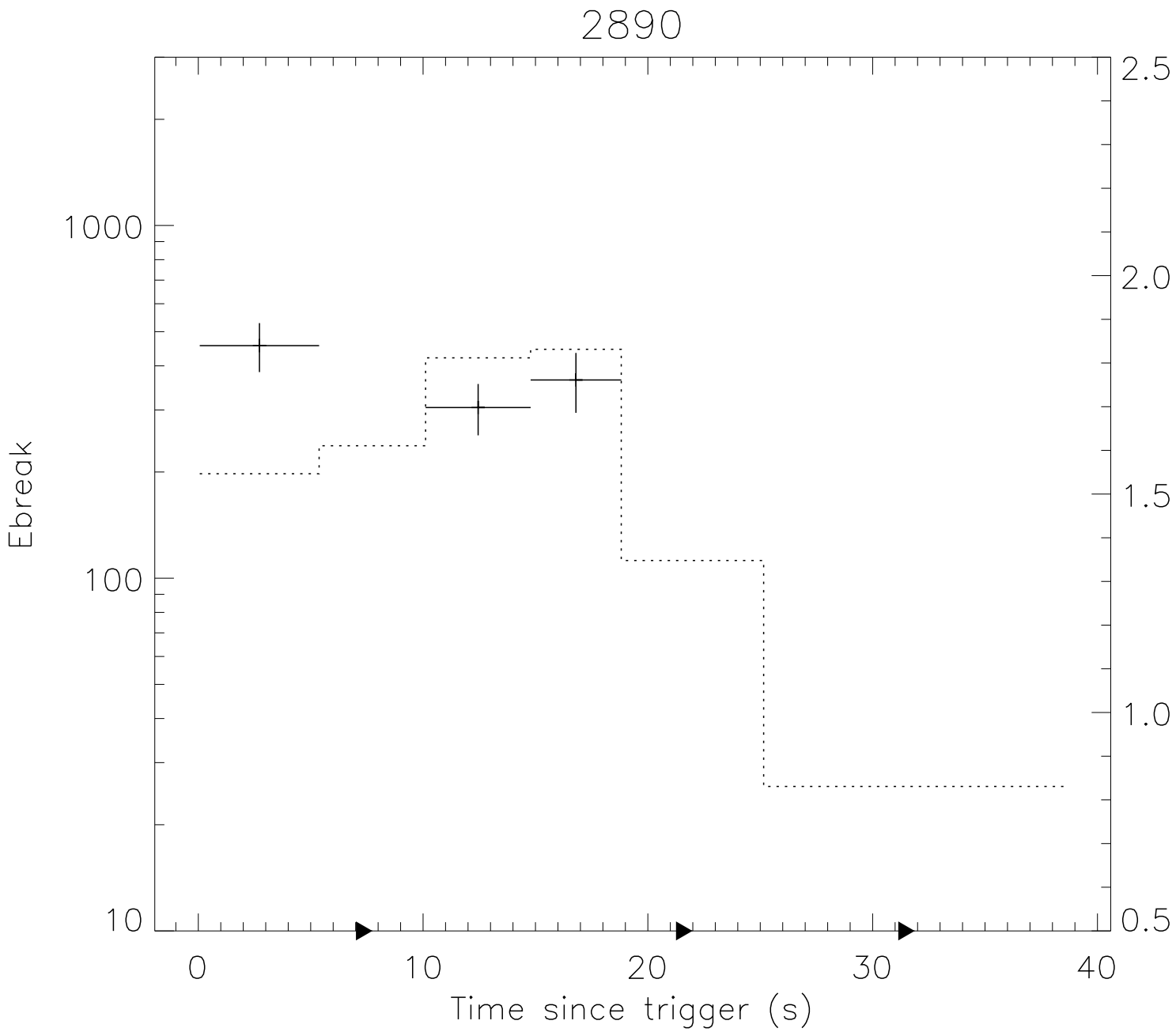

2852
1000
100
10
Ebreak
10
8
6
4
2
0
0
10
20
30
Time since trigger (s)

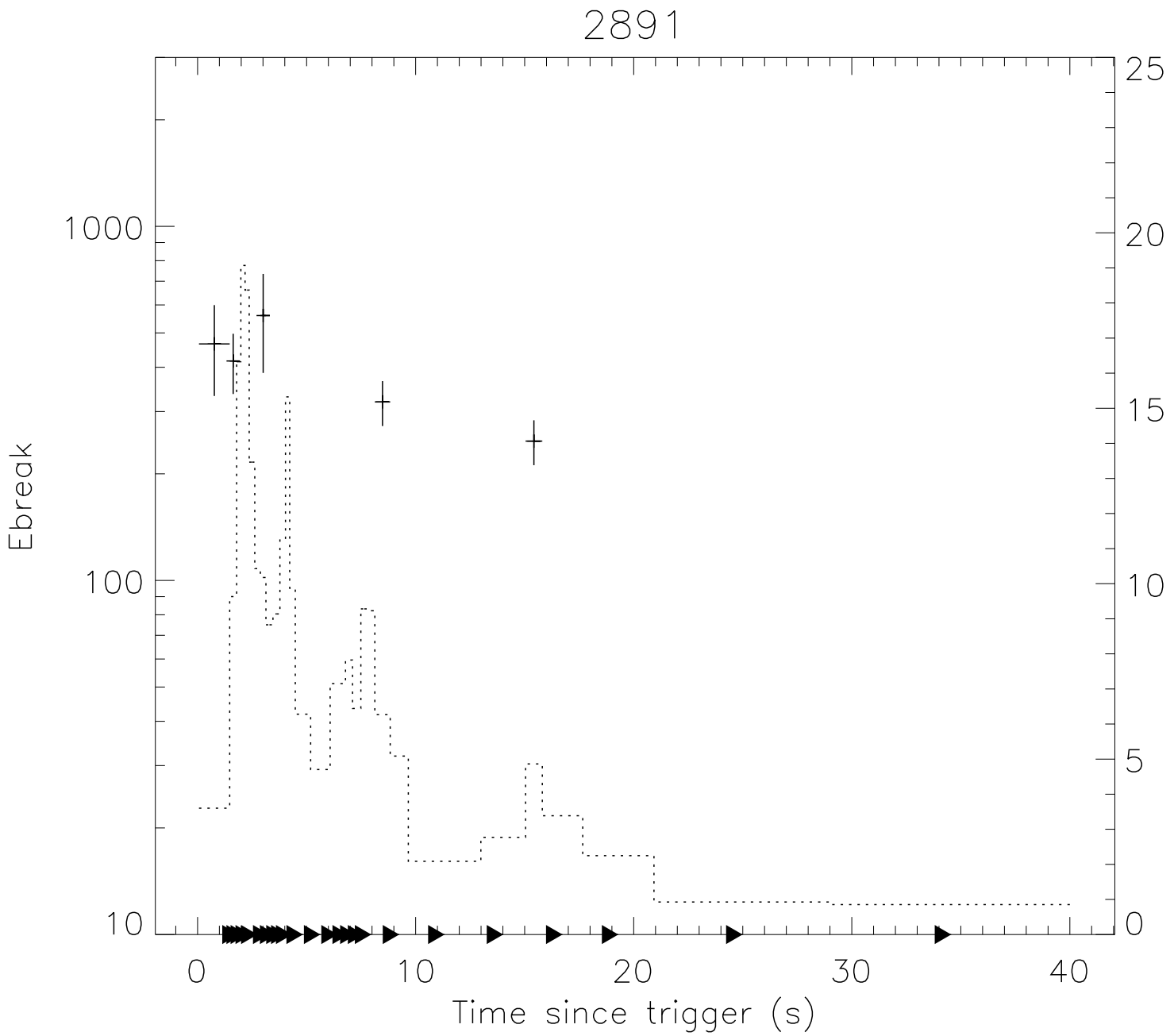

2855
Ebreak
1000
100
10
15
10
5
0
0
10
20
30
Time since trigger (s)

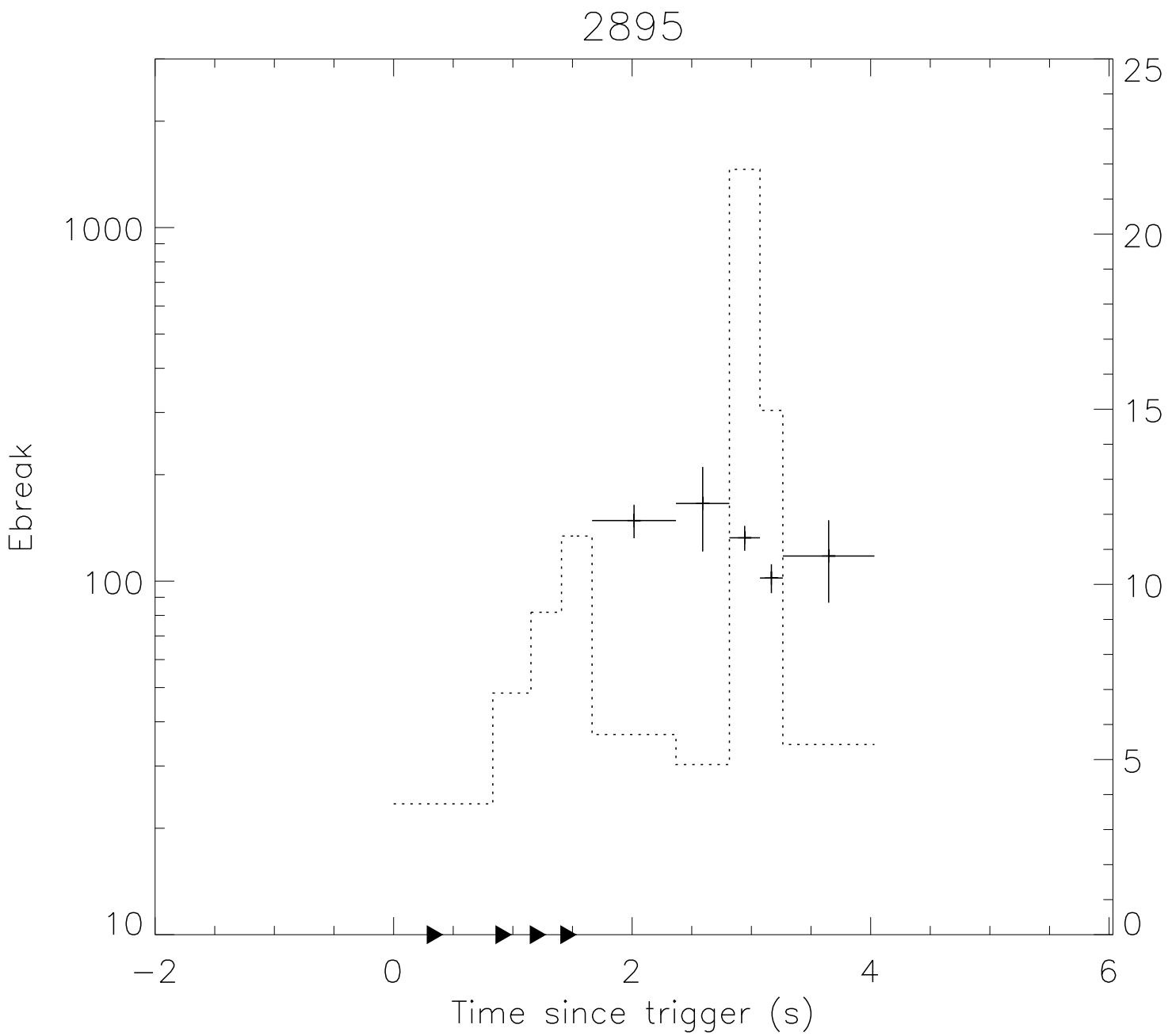

2856
Ebreak
1000
100
10
50
40
30
20
10
0
0
20
40
60
80
100
120
140
Time since trigger (s)

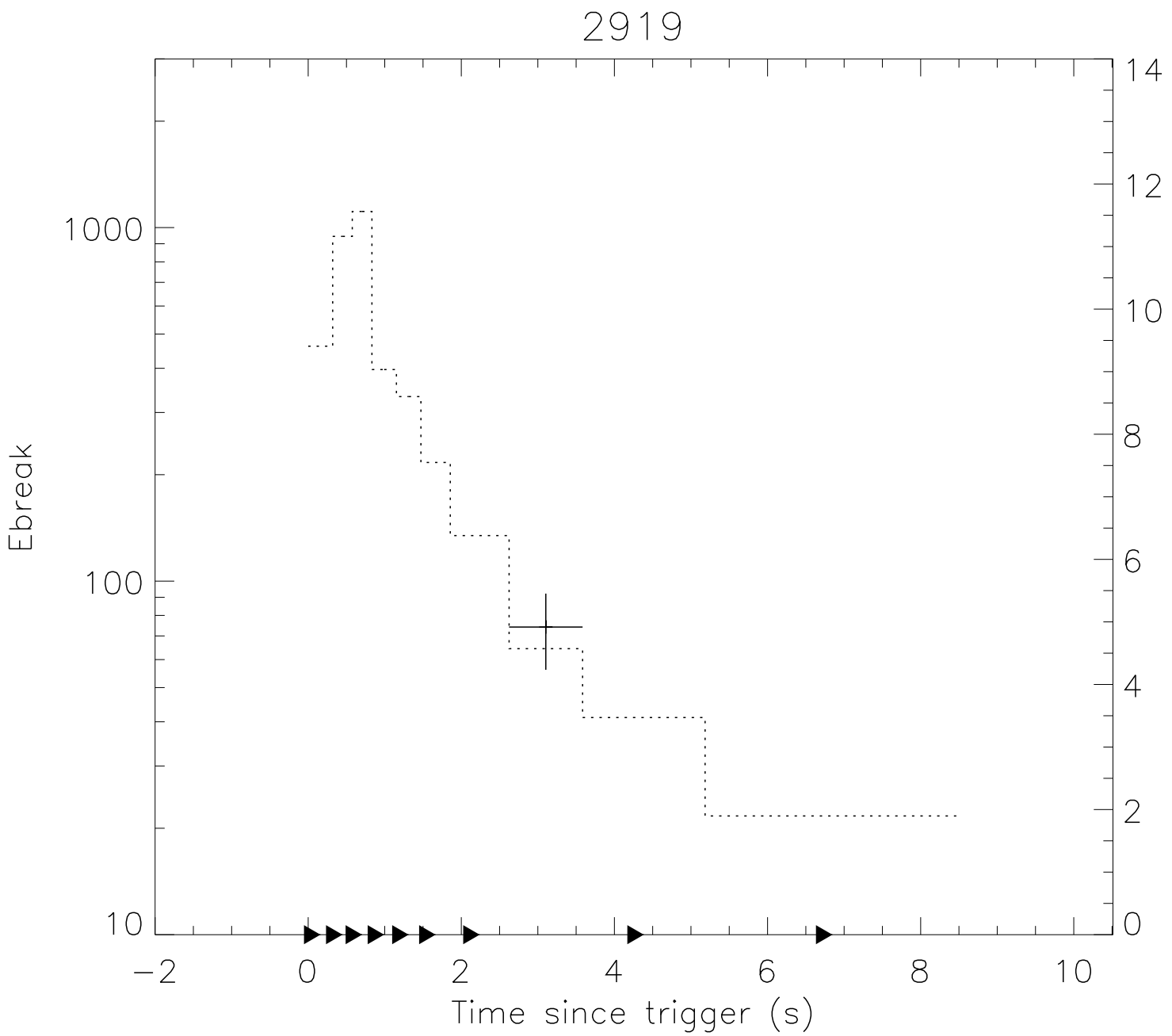

2863
1000
100
10
Ebreak
3.0
2.5
2.0
1.5
1.0
0.5
0
5
10
15
20
25
Time since trigger (s)

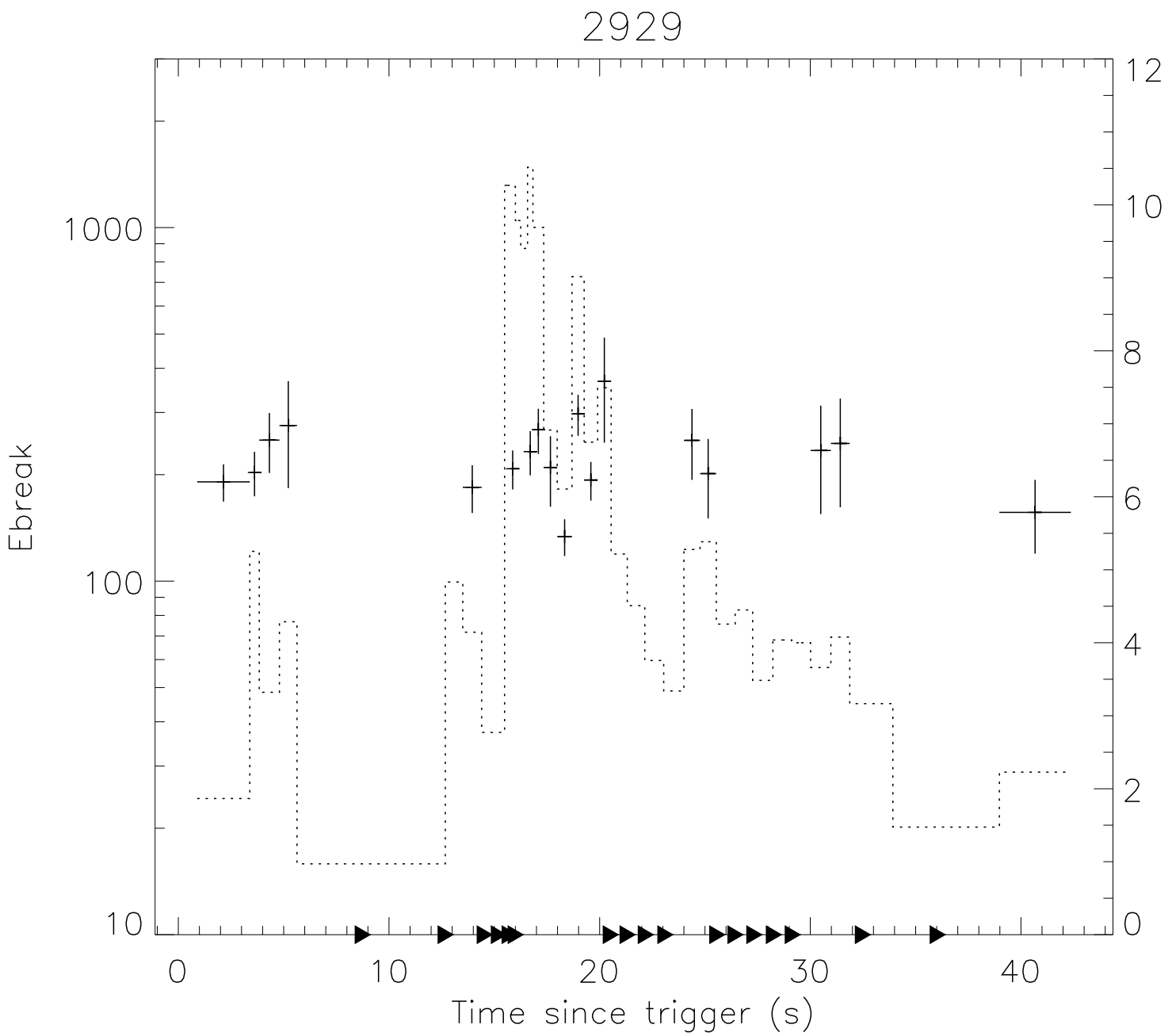

2889
1000
100
10
Ebreak
0
10
20
30
40
50
60
Time since trigger (s)
7
6
5
4
3
2
1
0

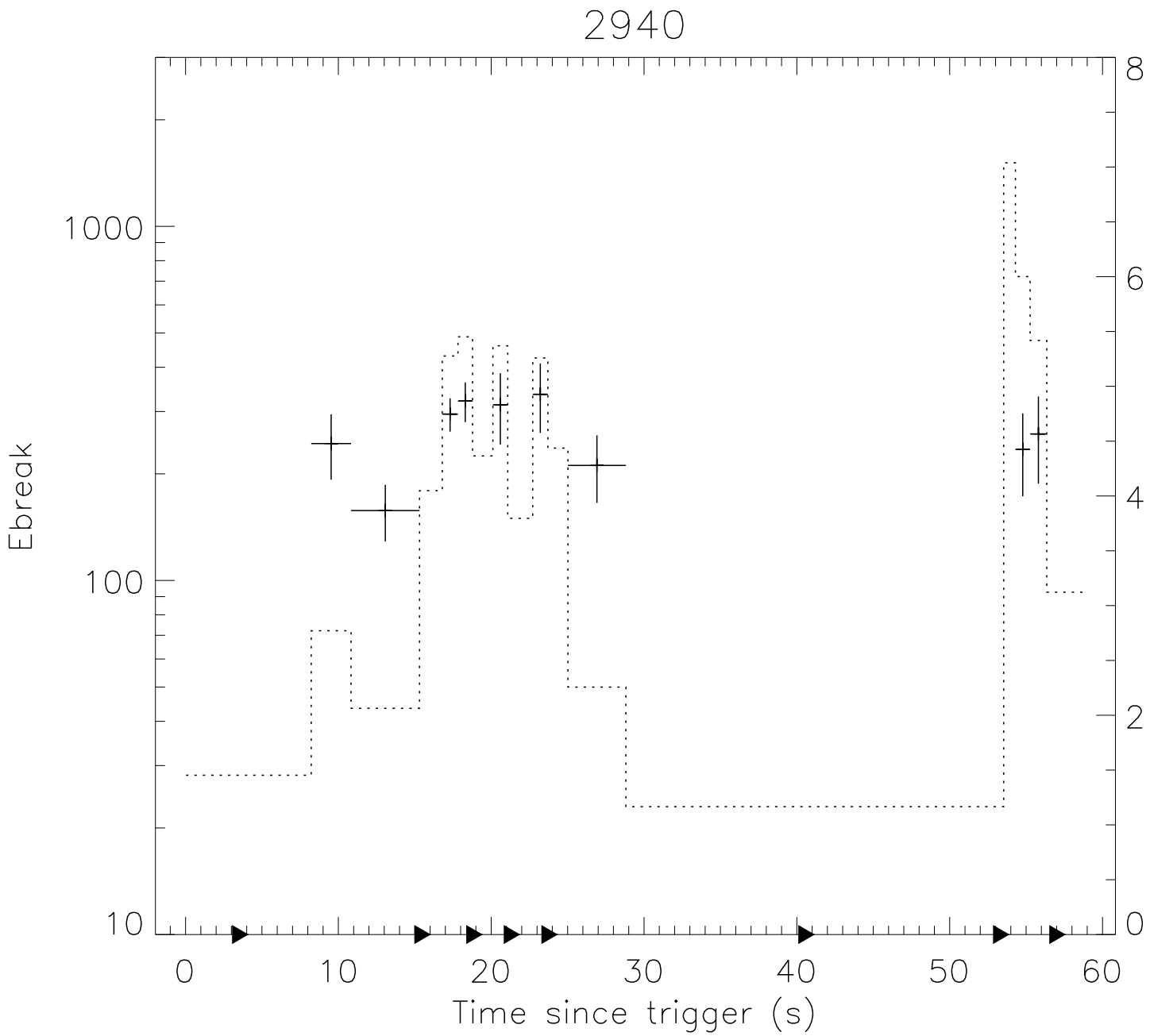

2890
Ebreak
1000
100
10
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40
Time since trigger (s)

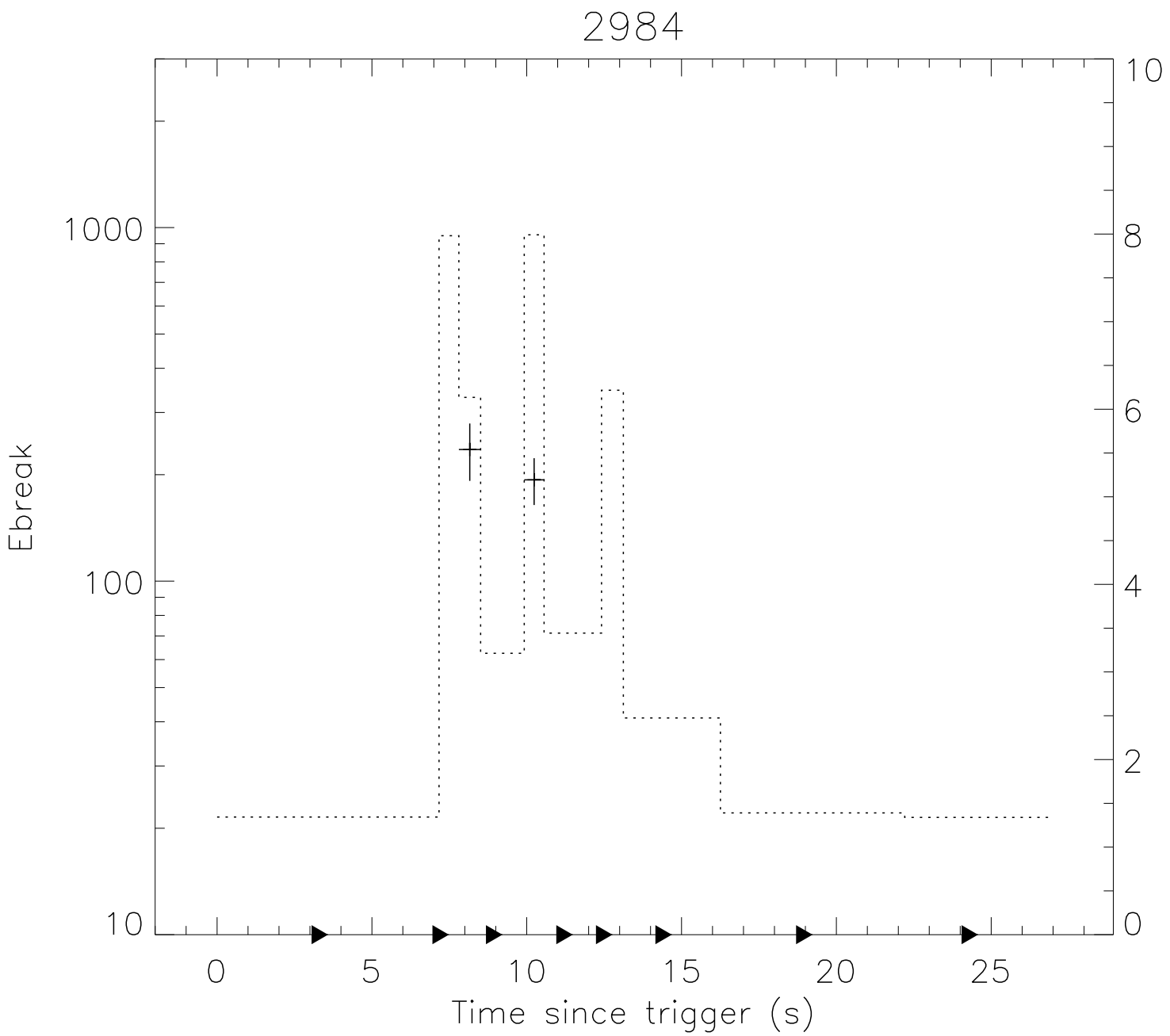

2891
Ebreak
1000
100
10
25
20
15
10
5
0
0
10
20
30
40
Time since trigger (s)

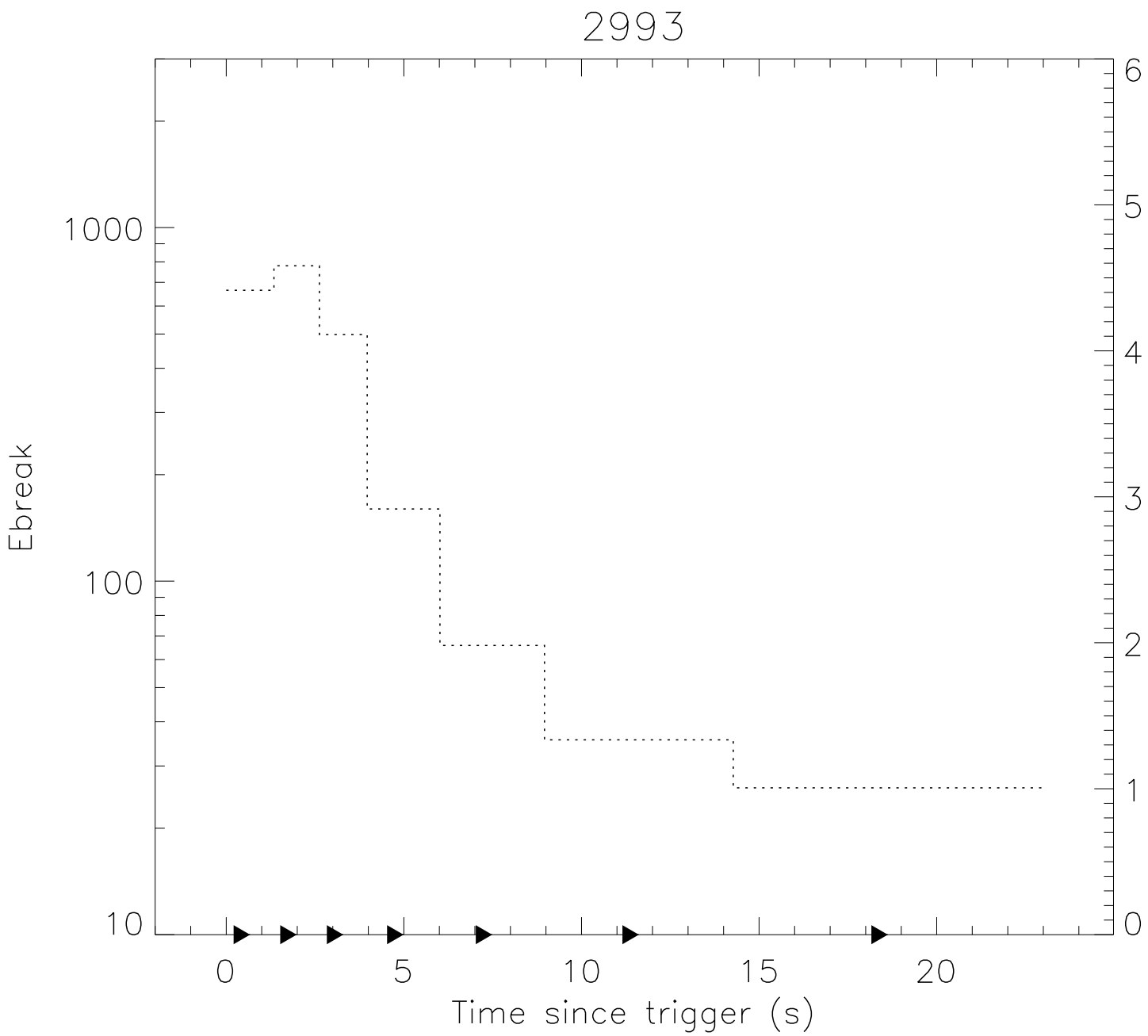

2895
Ebreak
1000
100
10
25
20
15
10
5
0
−2
0
2
4
6
Time since trigger (s)

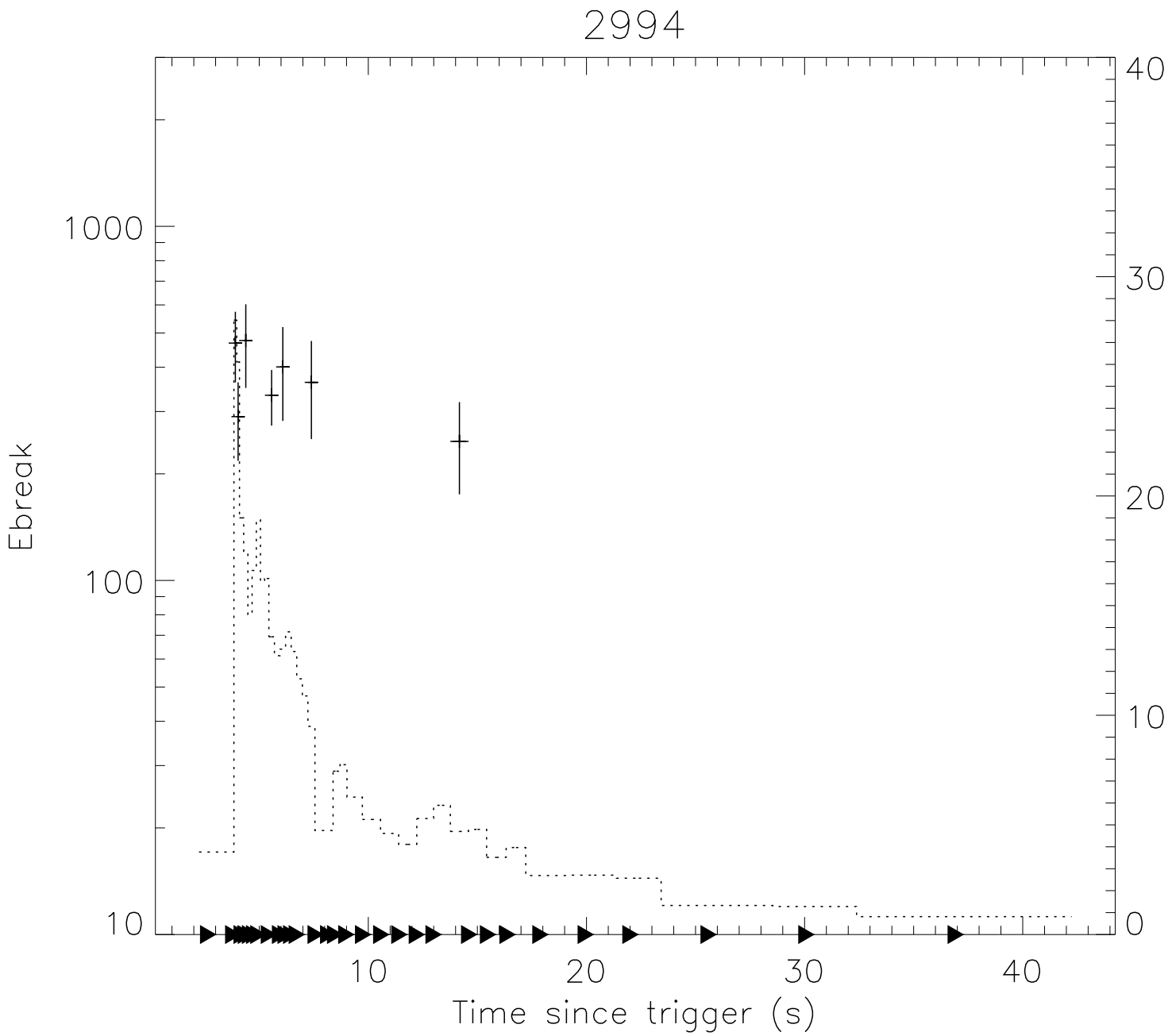

2919
Ebreak
1000
100
10
14
12
10
8
6
4
2
0
−2
0
2
4
6
8
10
Time since trigger (s)

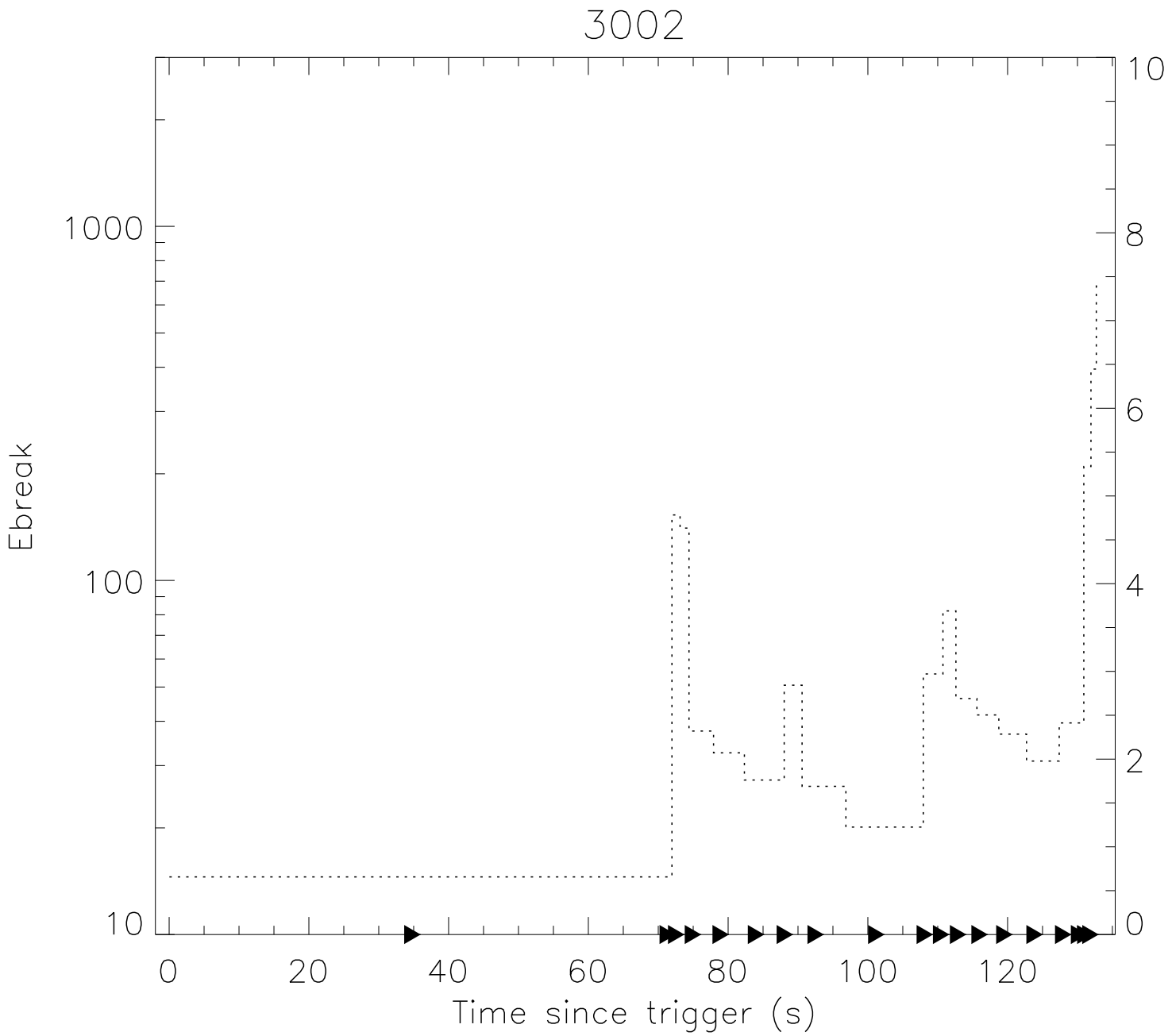

2929
1000
100
10
Ebreak
12
10
8
6
4
2
0
0
10
20
30
40
Time since trigger (s)

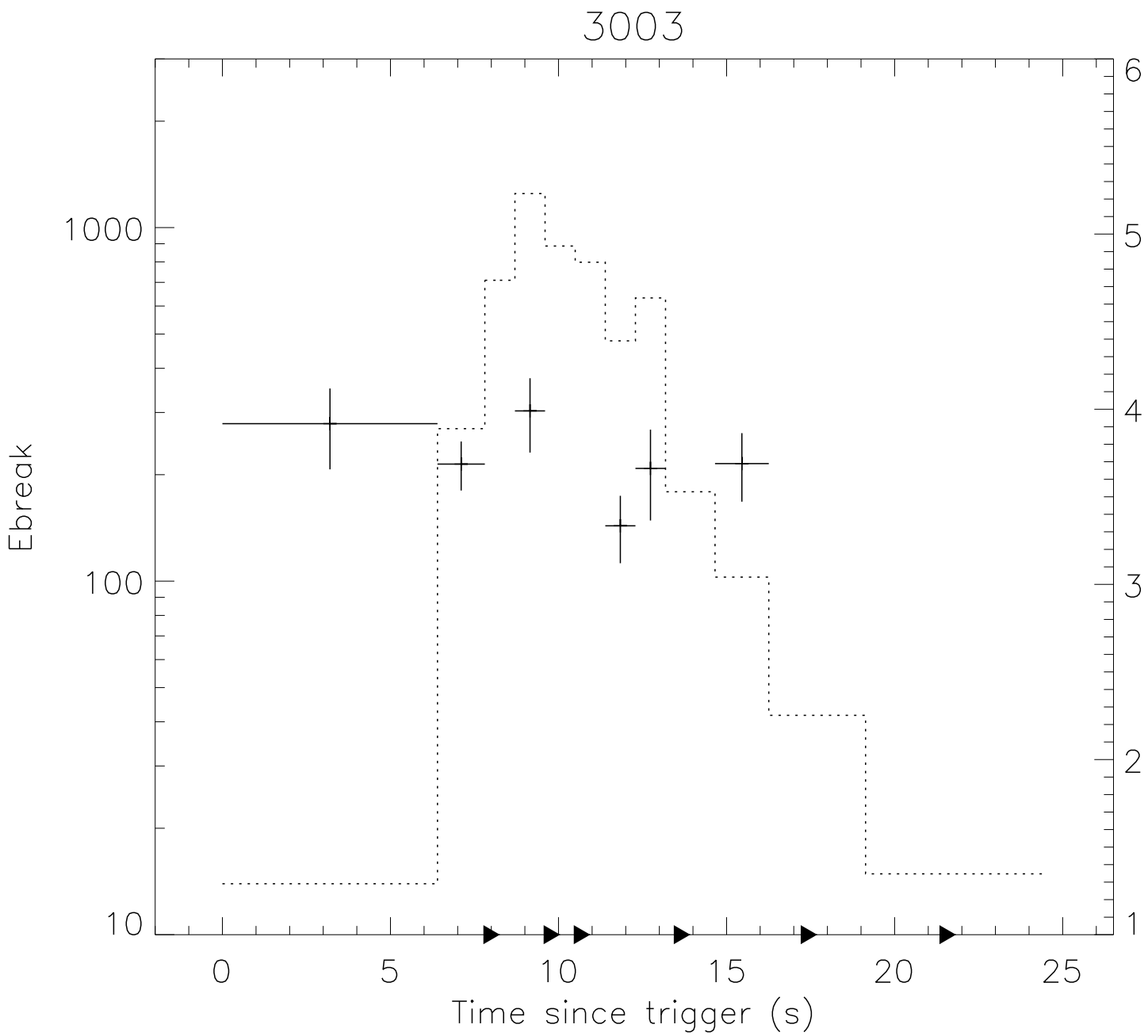

2940
Ebreak
1000
100
10
0
10
20
30
40
50
60
Time since trigger (s)
8
6
4
2
0

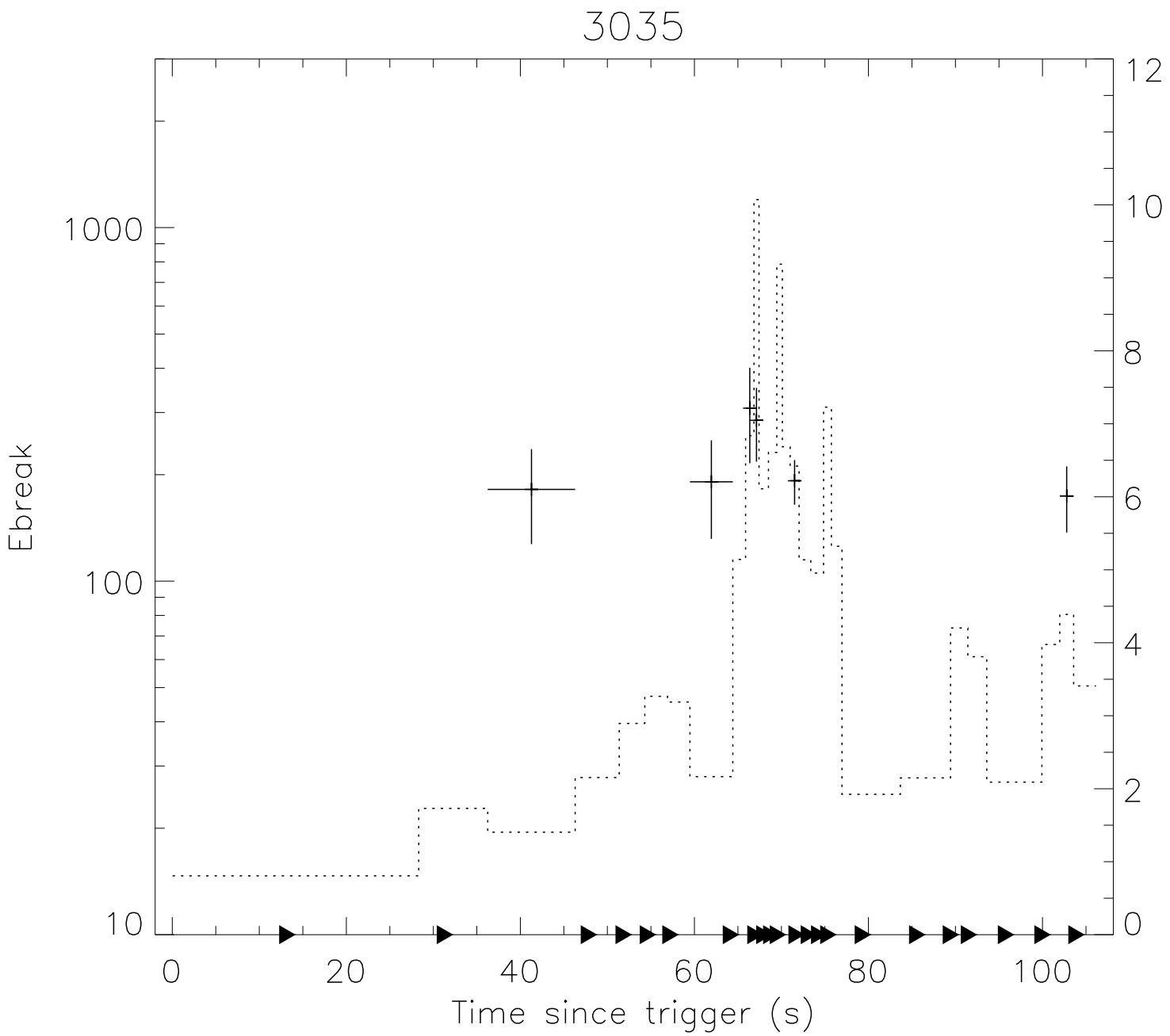

2984
Ebreak
1000
100
10
10
8
6
4
2
0
0
5
10
15
20
25
Time since trigger (s)

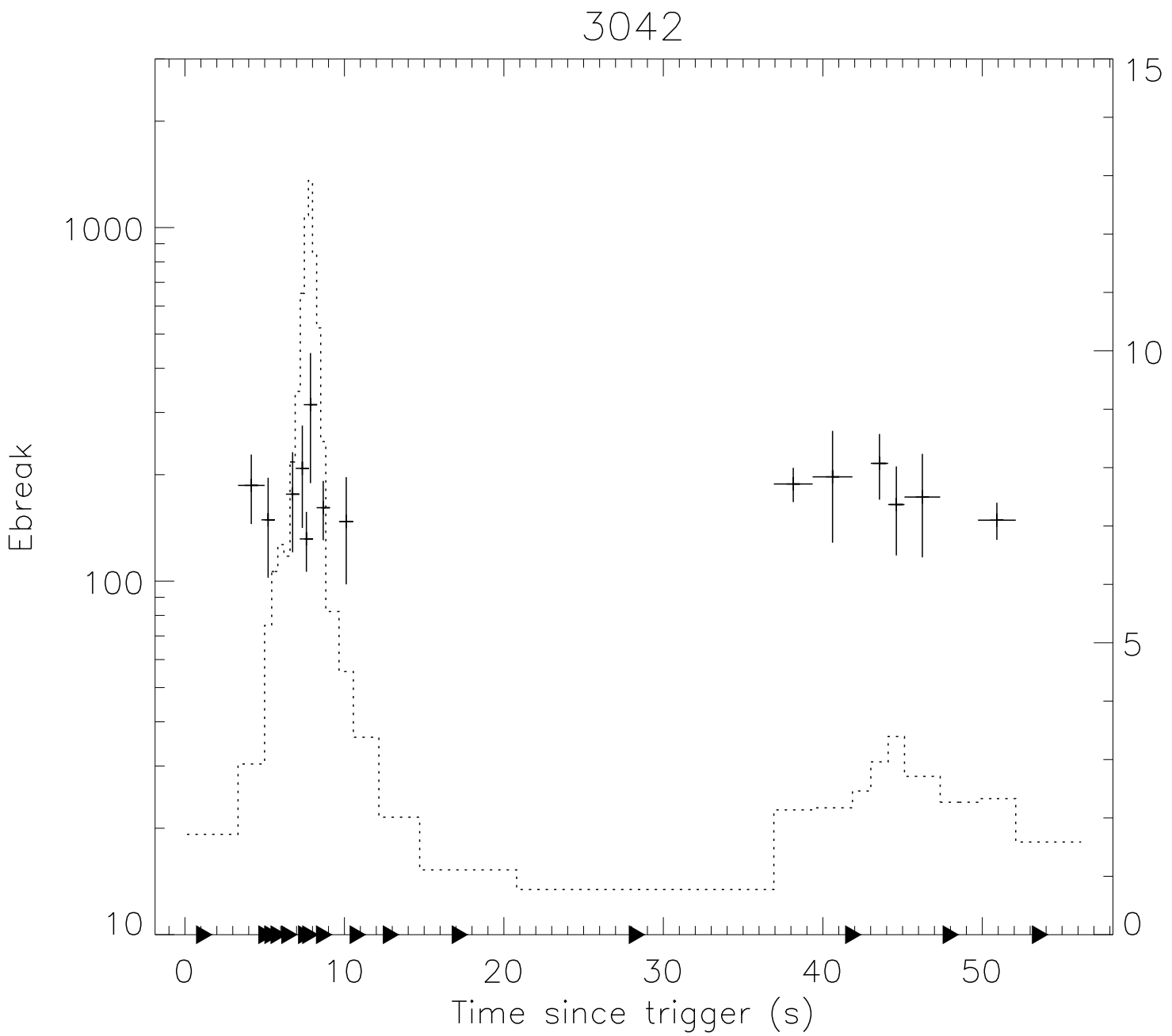

2993
1000
100
10
Ebreak
0
5
10
15
20
Time since trigger (s)
6
5
4
3
2
1
0

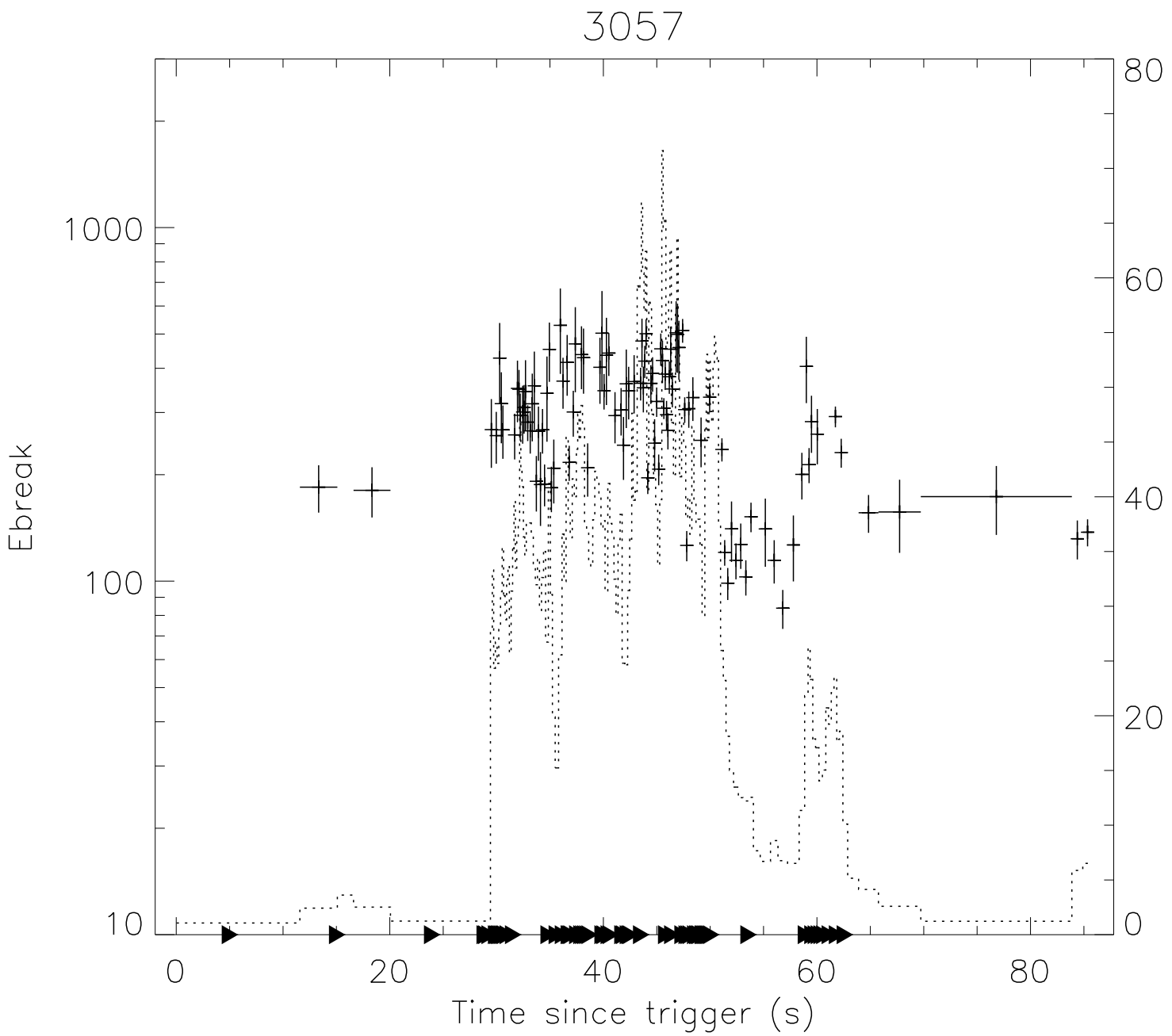

2994
1000
100
10
Ebreak
40
30
20
10
0
10
20
30
40
Time since trigger (s)

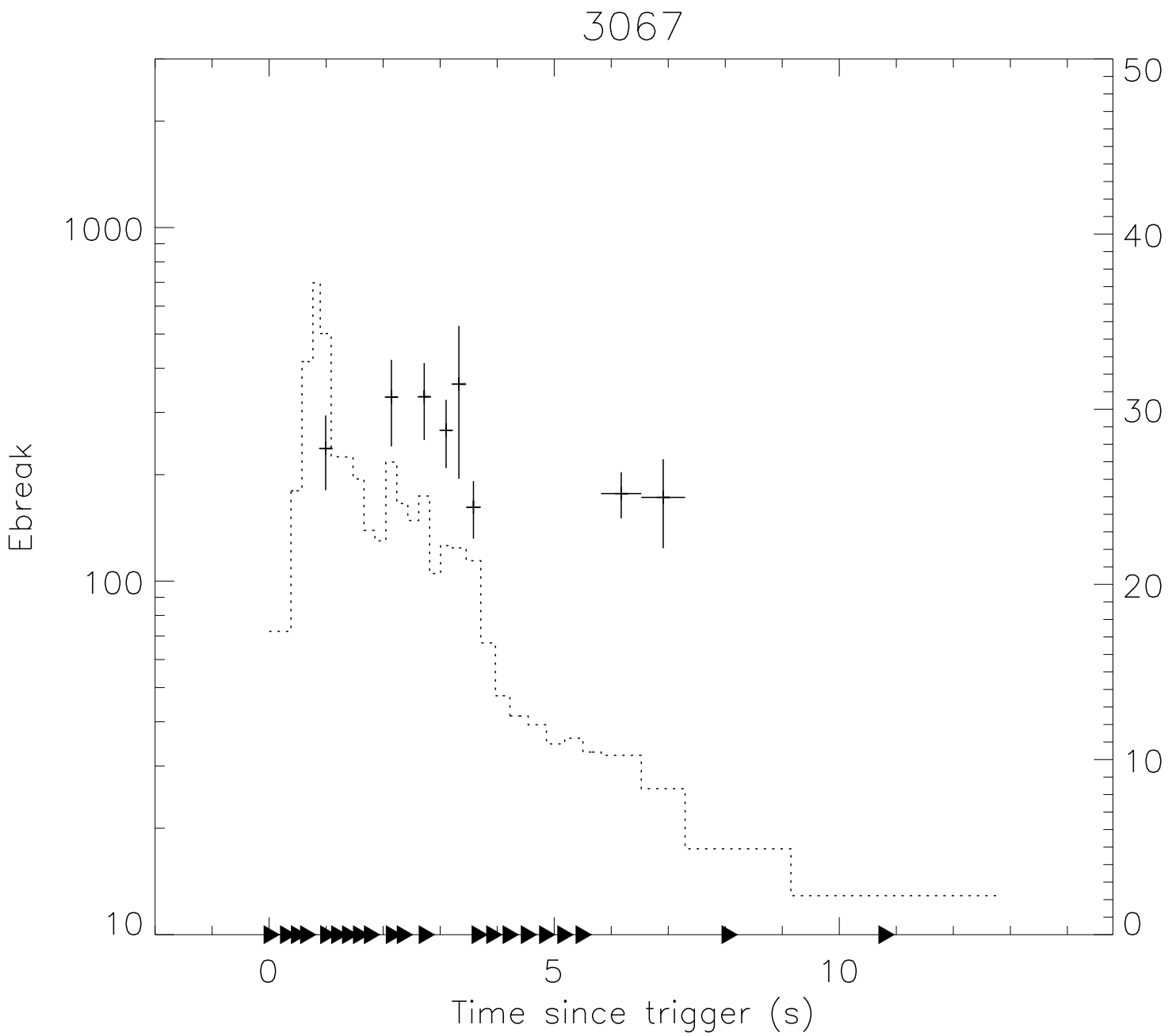

3002
Ebreak
1000
100
10
10
8
6
4
2
0
0
20
40
60
80
100
120
Time since trigger (s)

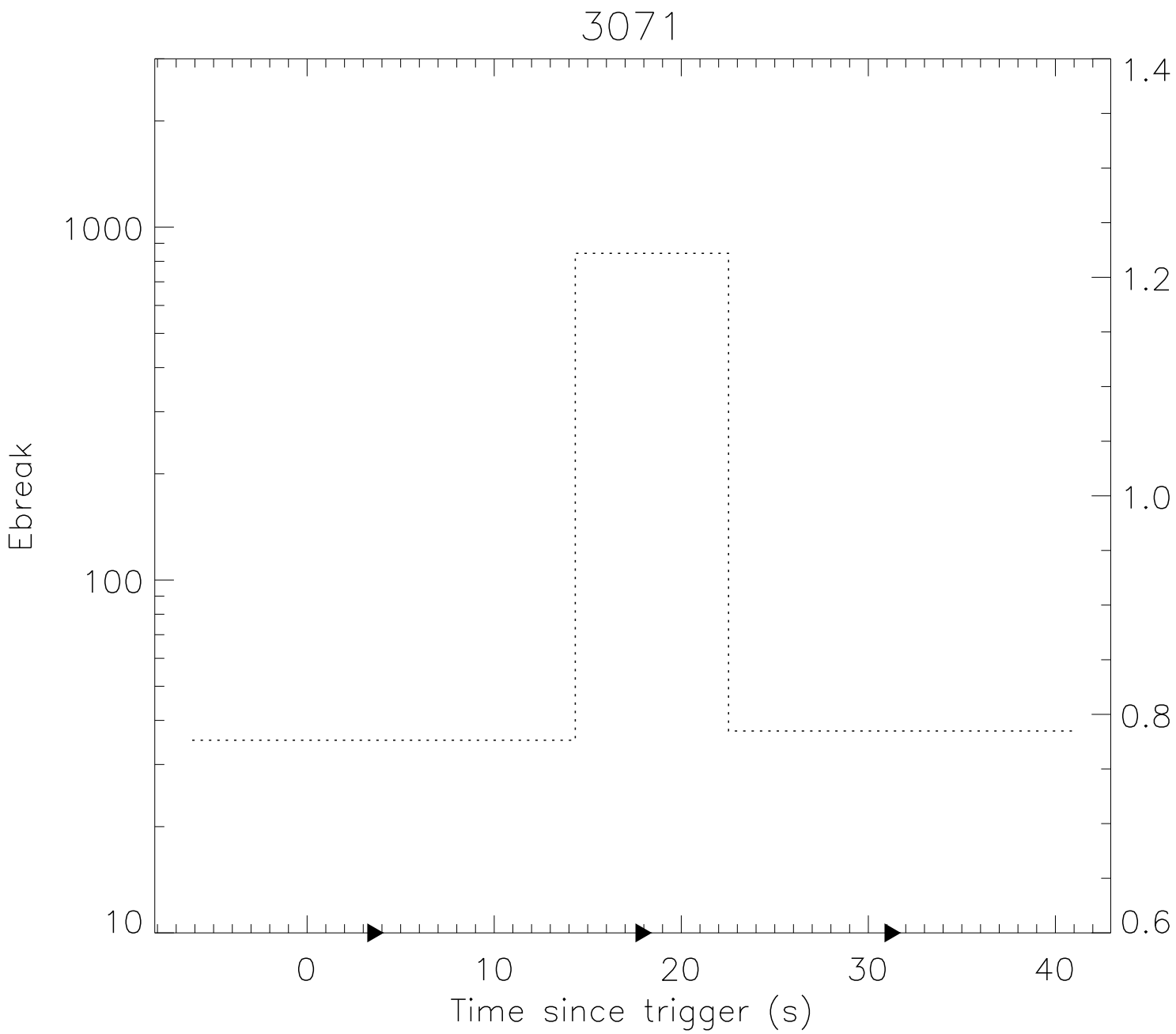

3003
Ebreak
1000
100
10
0
5
10
15
20
25
Time since trigger (s)
6
5
4
3
2
1

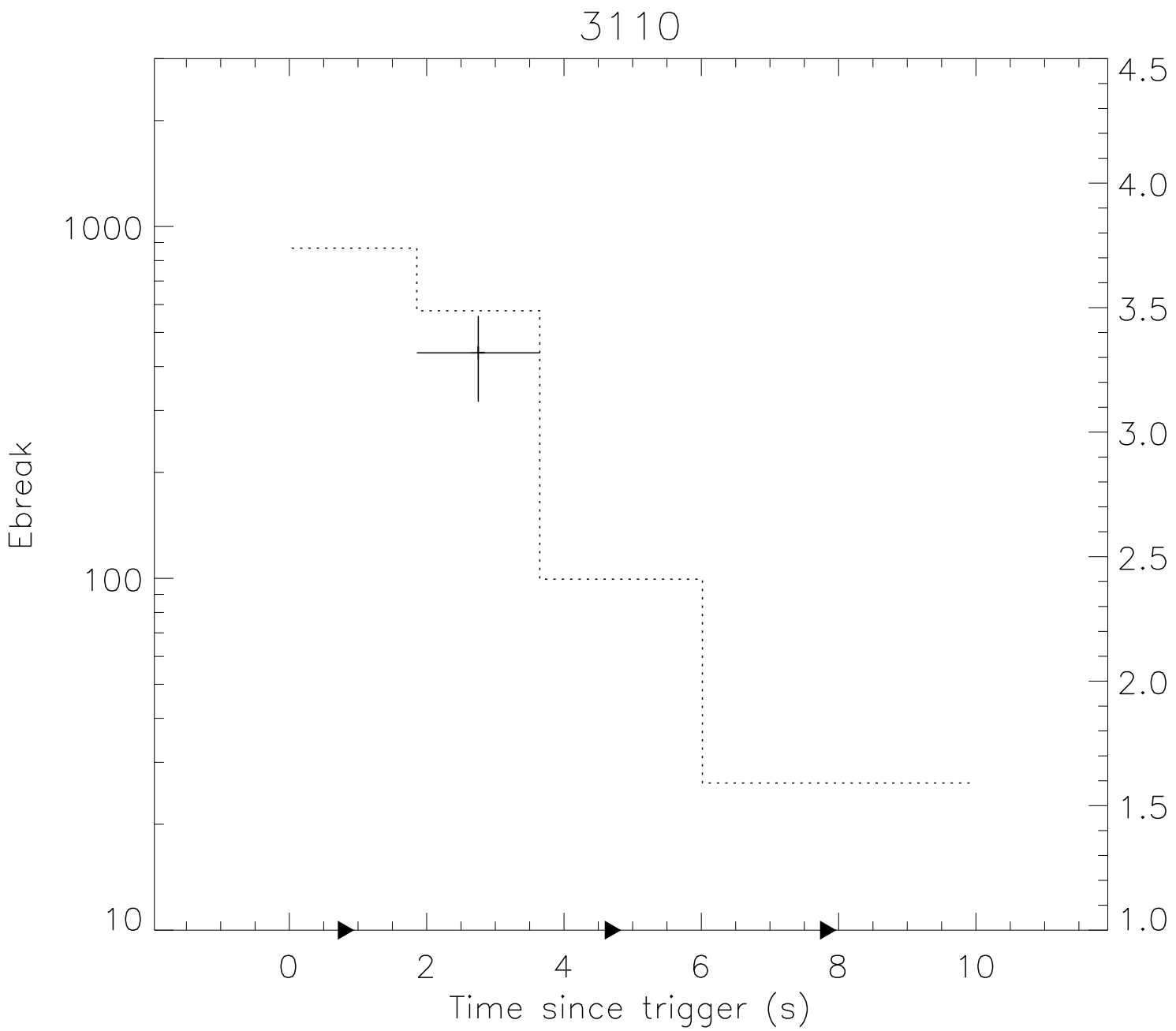

3035
Ebreak
1000
100
10
0
20
40
60
80
100
Time since trigger (s)
12
10
8
6
4
2
0

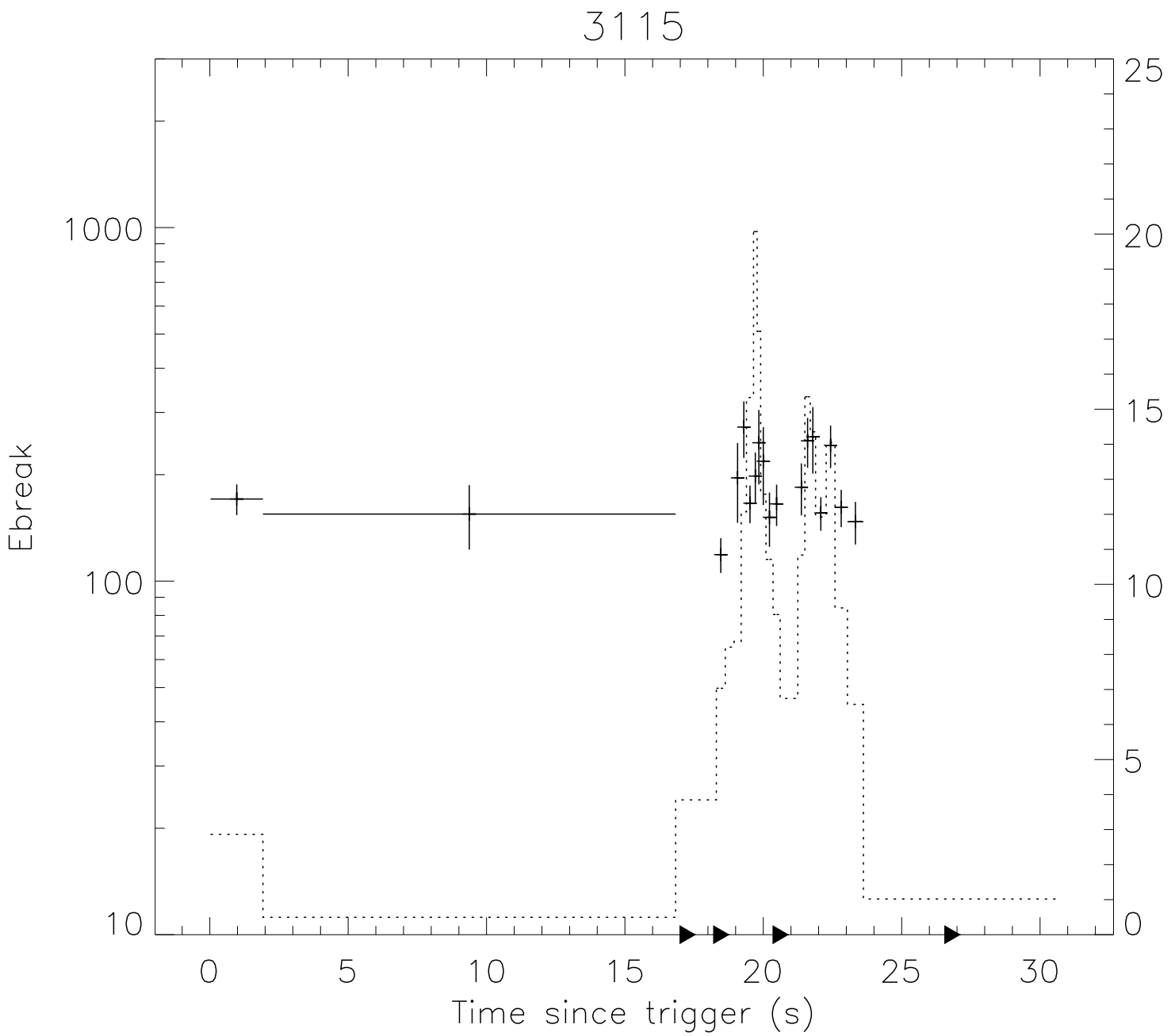

3042
Ebreak
1000
100
10
15
10
5
0
0
10
20
30
40
50
Time since trigger (s)

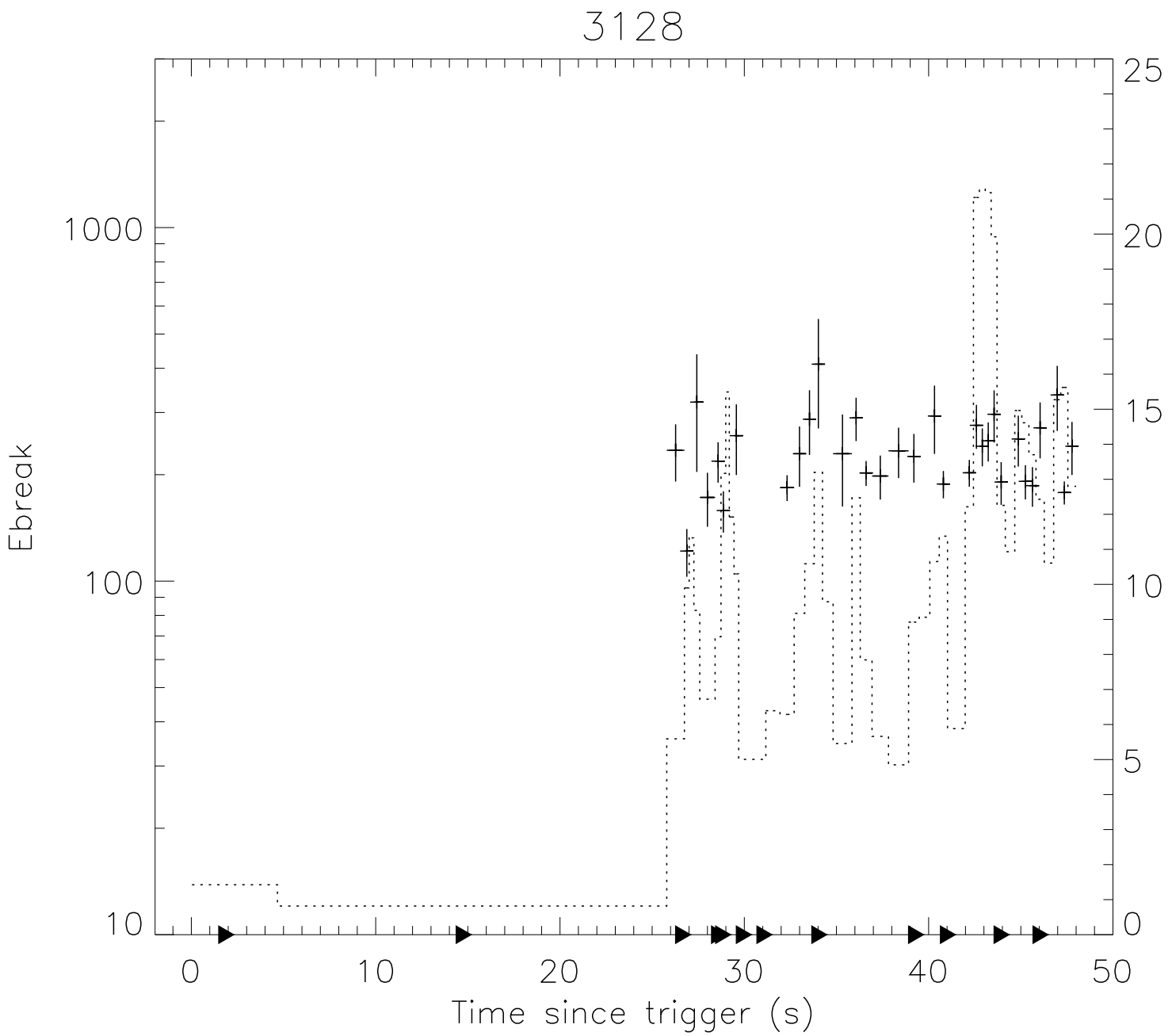

3057
Ebreak
1000
100
10
0
20
40
60
80
Time since trigger (s)
80
60
40
20
0

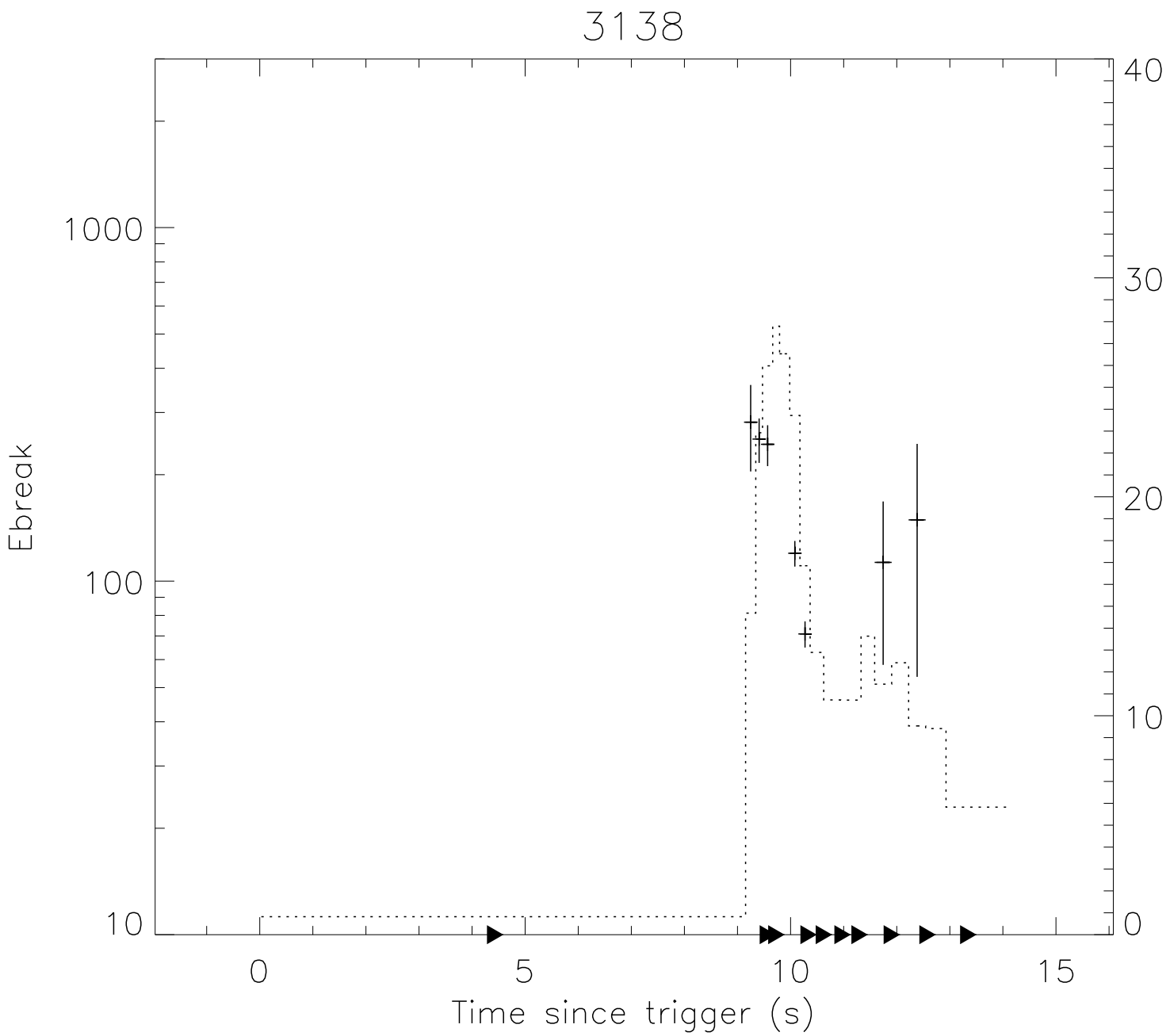

3067
Ebreak
1000
100
10
50
40
30
20
10
0
0
5
10
Time since trigger (s)

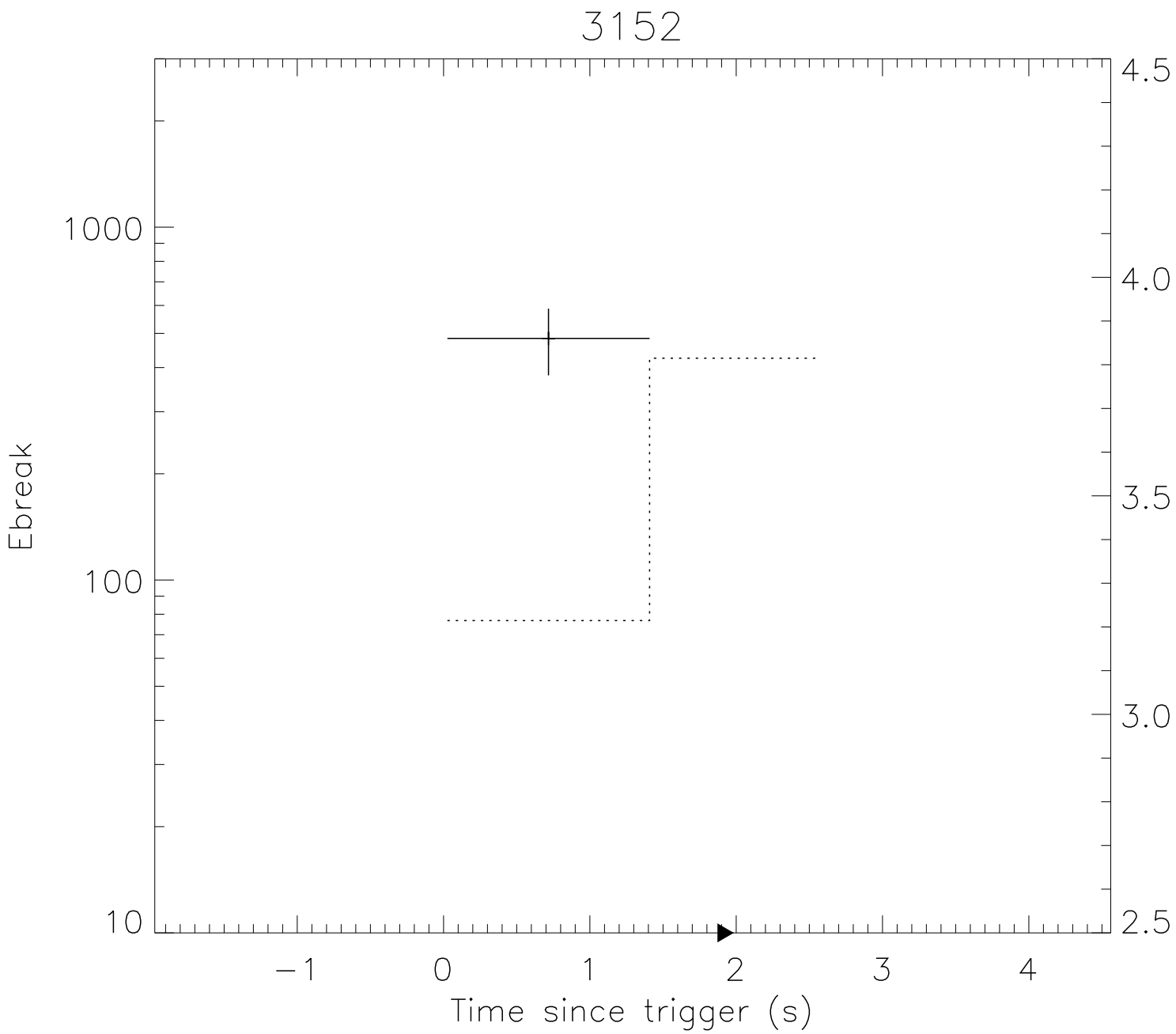

3071
1000
100
10
Ebreak
1.4
1.2
1.0
0.8
0.6
0
10
20
30
40
Time since trigger (s)

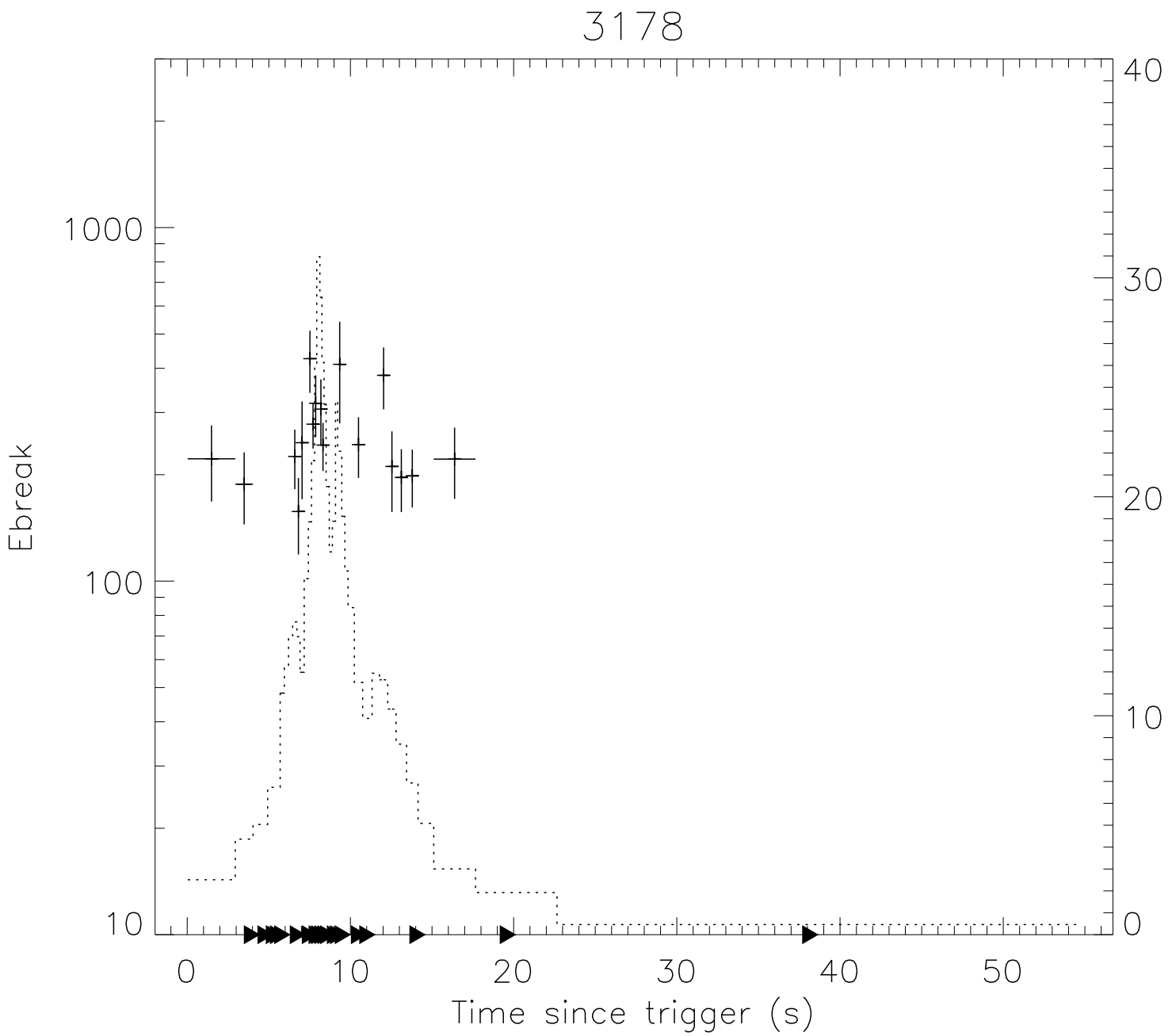

3110
1000
100
10
Ebreak
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
2
4
6
8
10
Time since trigger (s)

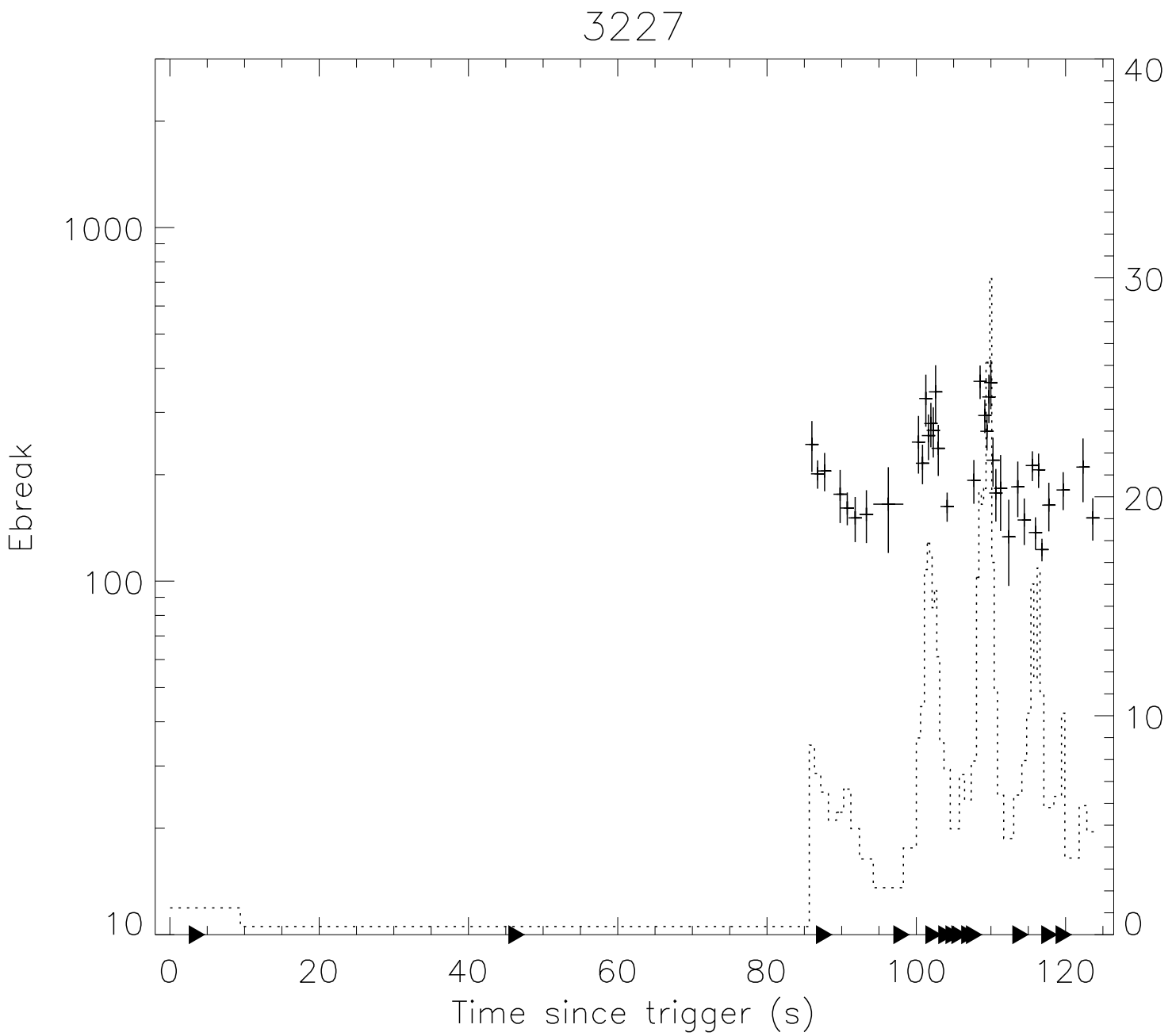

3115
Ebreak
1000
100
10
25
20
15
10
5
0
0
5
10
15
20
25
30
Time since trigger (s)

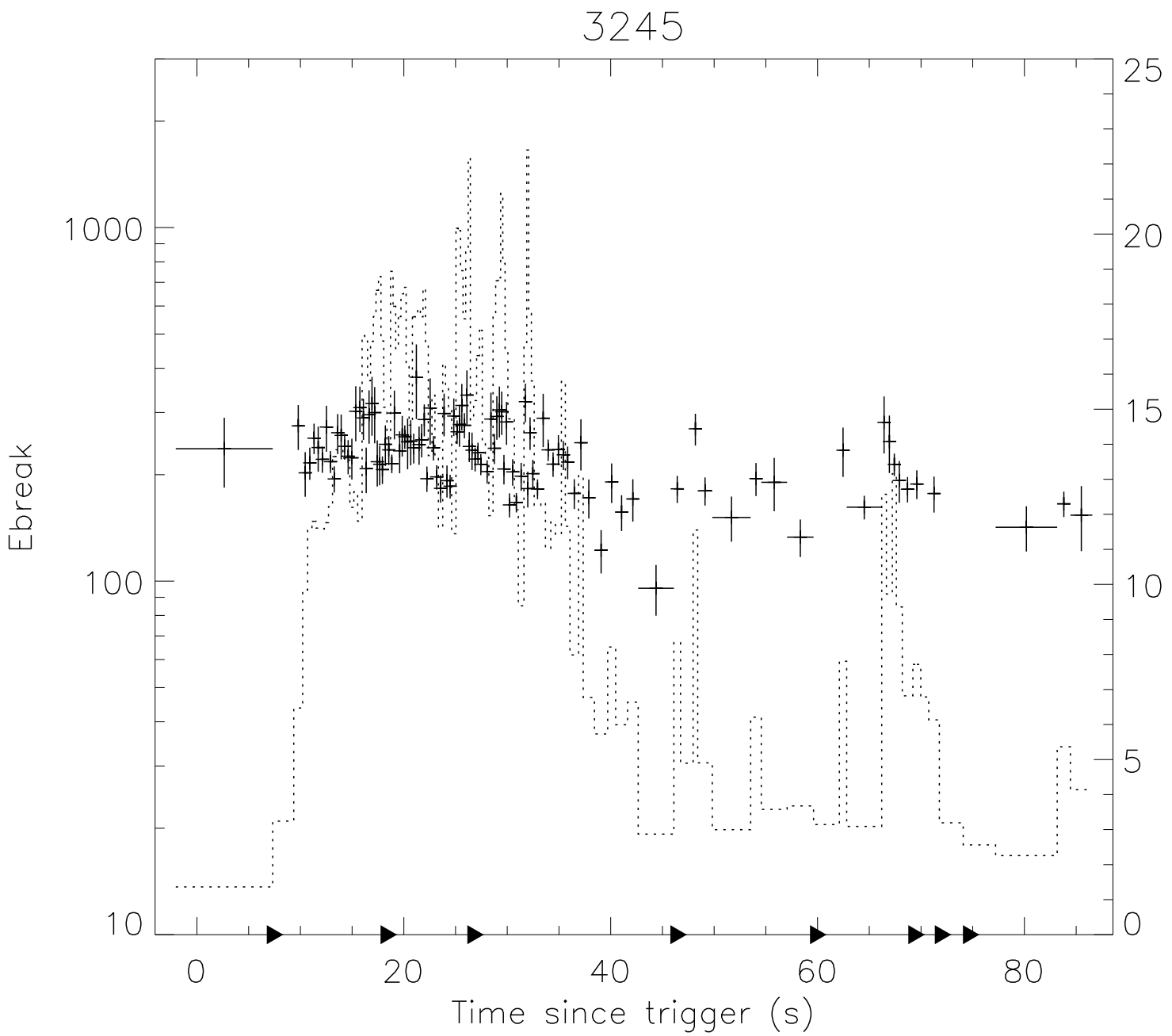

3128
Ebreak
1000
100
10
25
20
15
10
5
0
0
10
20
30
40
50
Time since trigger (s)

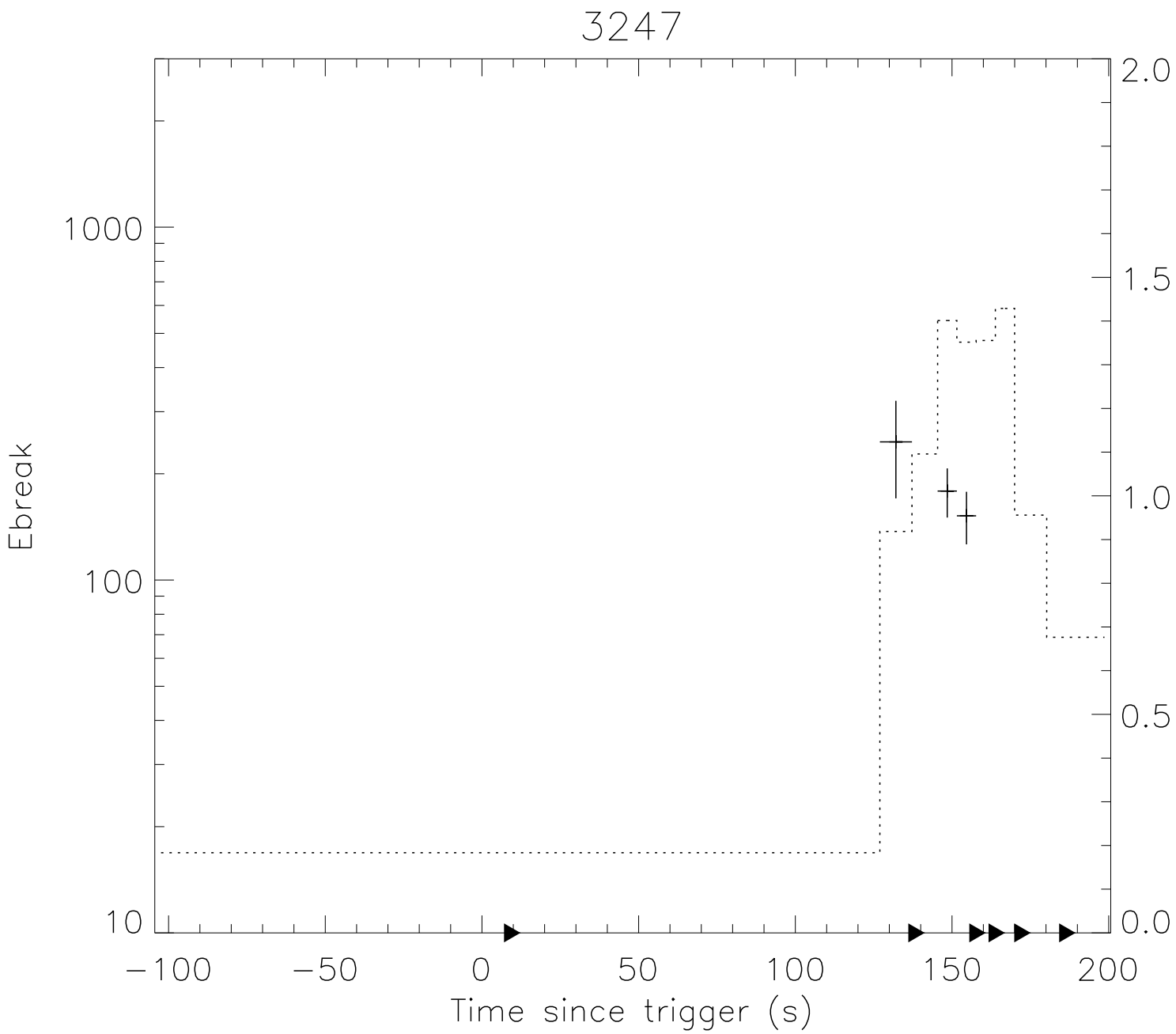

3138
1000
100
10
Ebreak
40
30
20
10
0
0
5
10
15
Time since trigger (s)

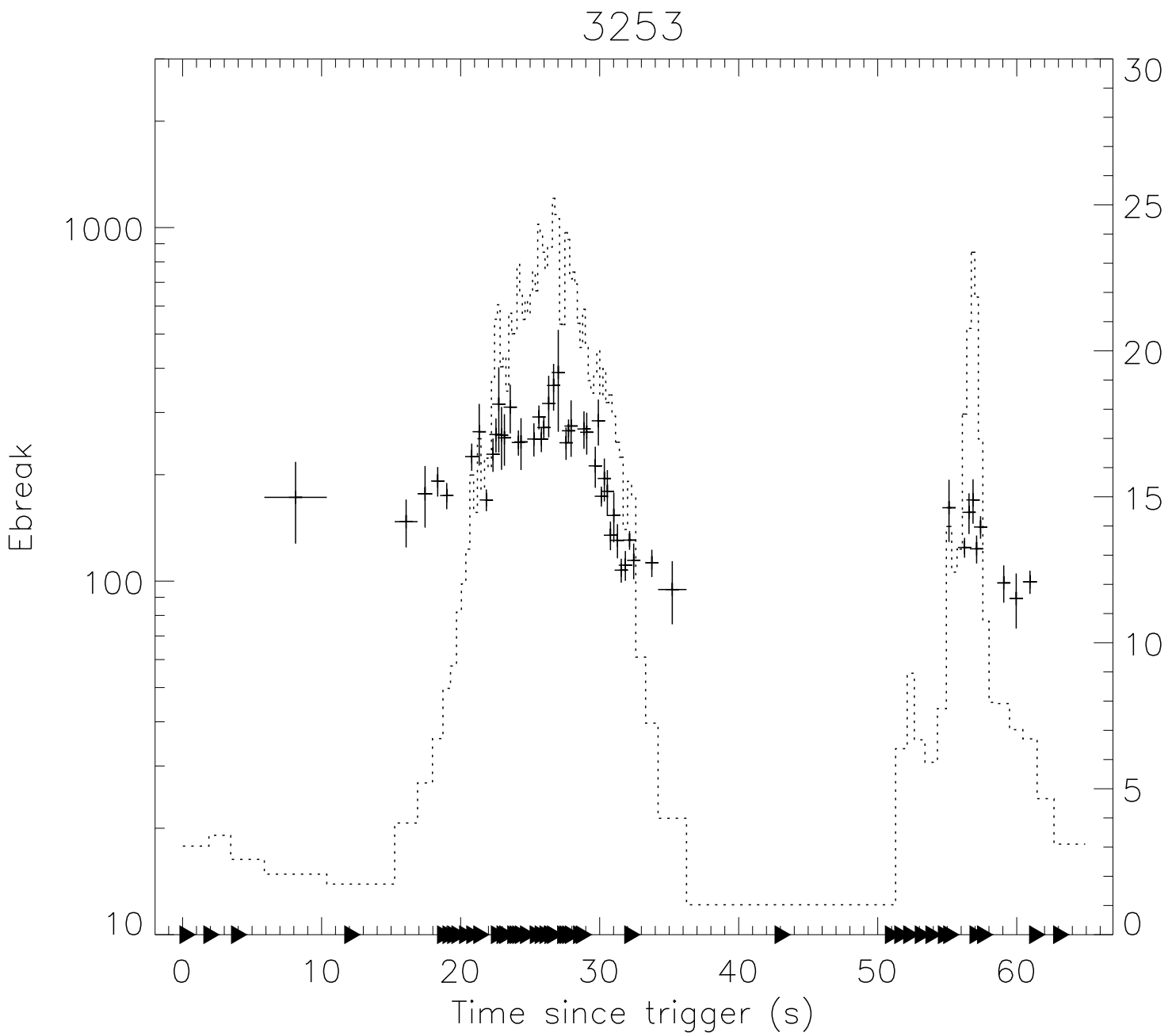

3152
1000
100
10
Ebreak
4.5
4.0
3.5
3.0
2.5
−1
0
1
2
3
4
Time since trigger (s)

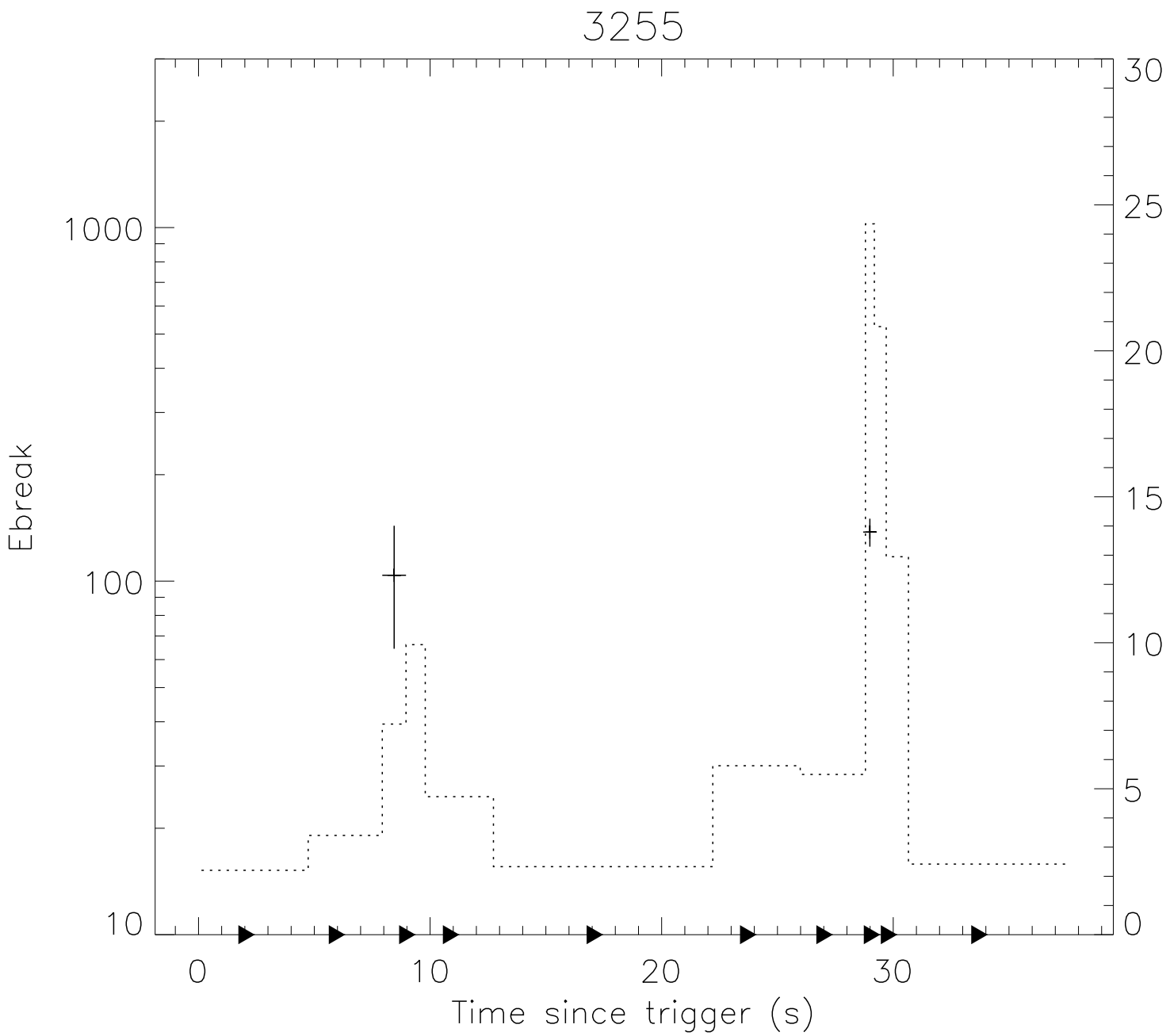

3178
Ebreak
1000
100
10
0
10
20
30
40
50
Time since trigger (s)
40
30
20
10
0

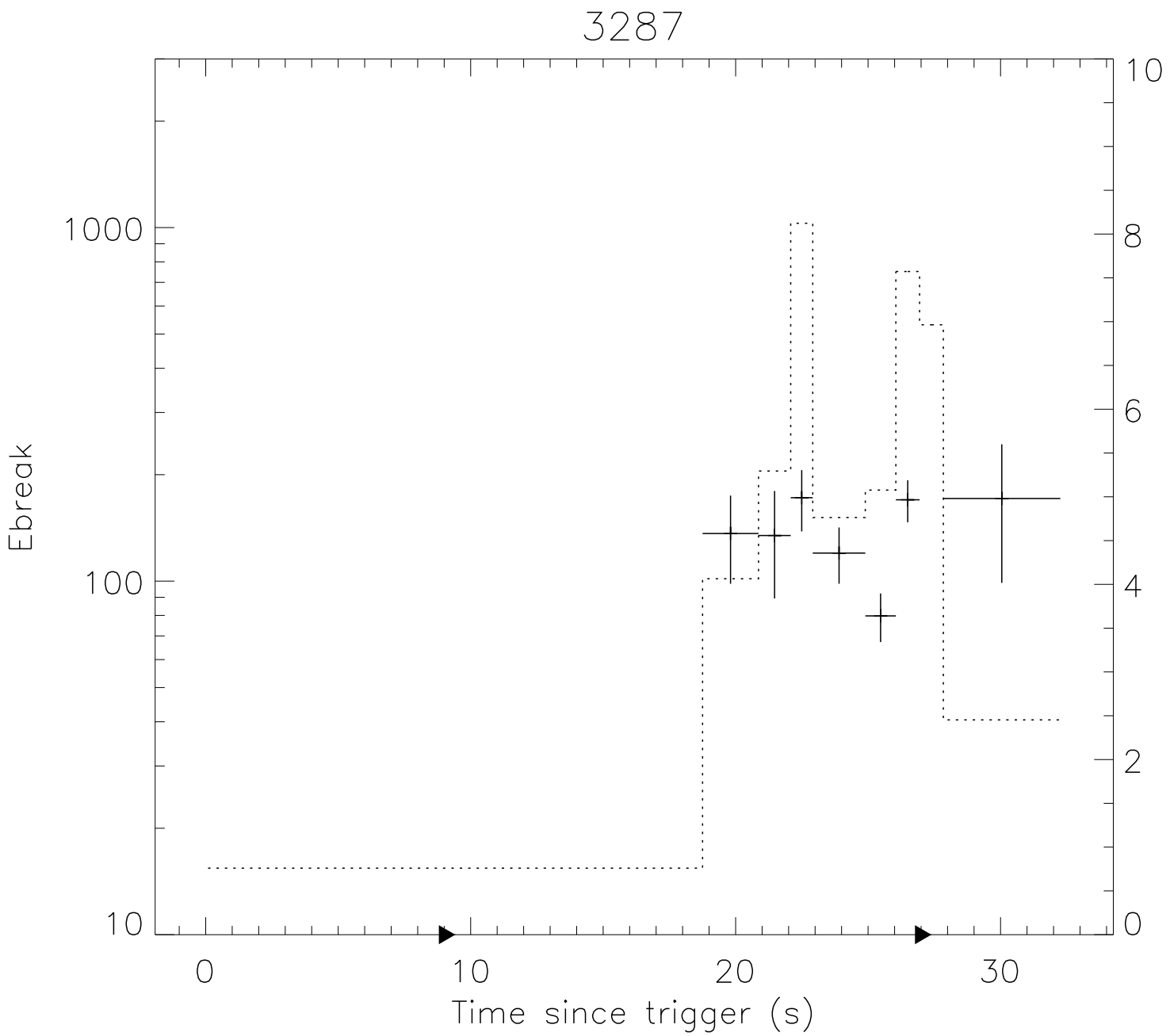

3227
1000
100
10
Ebreak
40
30
20
10
0
0
20
40
60
80
100
120
Time since trigger (s)

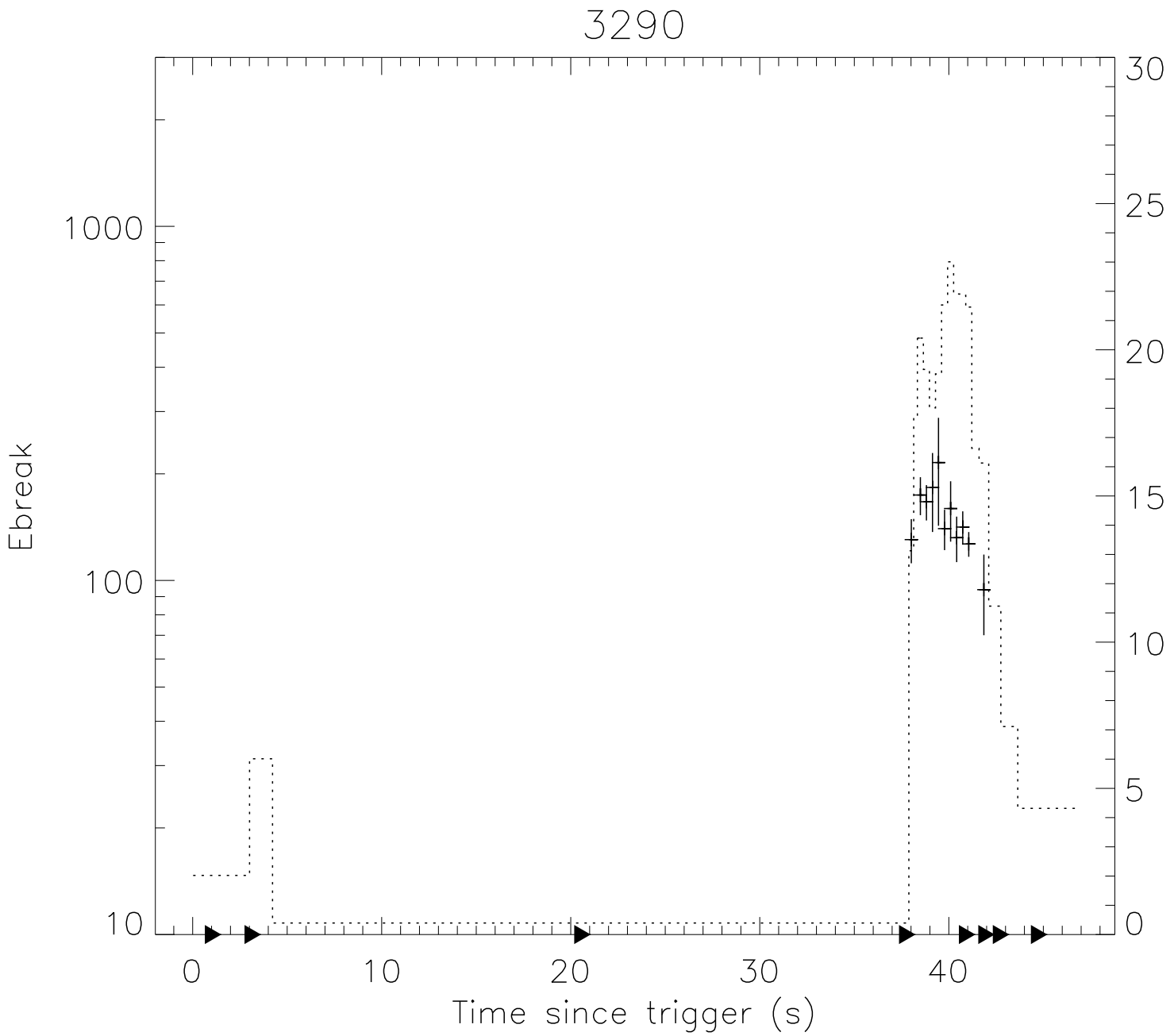

3245
Ebreak
1000
100
10
25
20
15
10
5
0
0
20
40
60
80
Time since trigger (s)

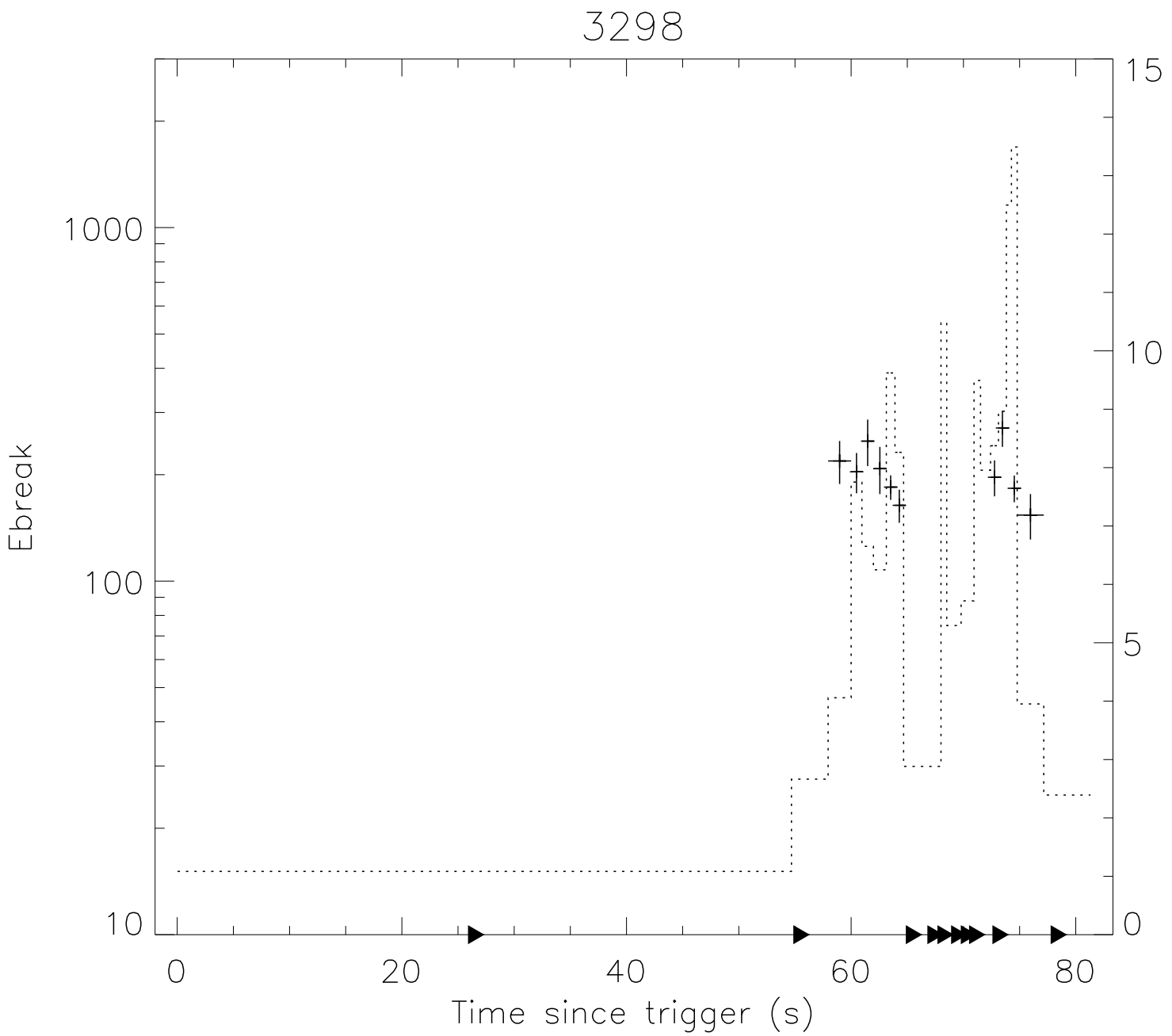

3247
Ebreak
1000
100
10
2.0
1.5
1.0
0.5
0.0
−100
−50
0
50
100
150
200
Time since trigger (s)

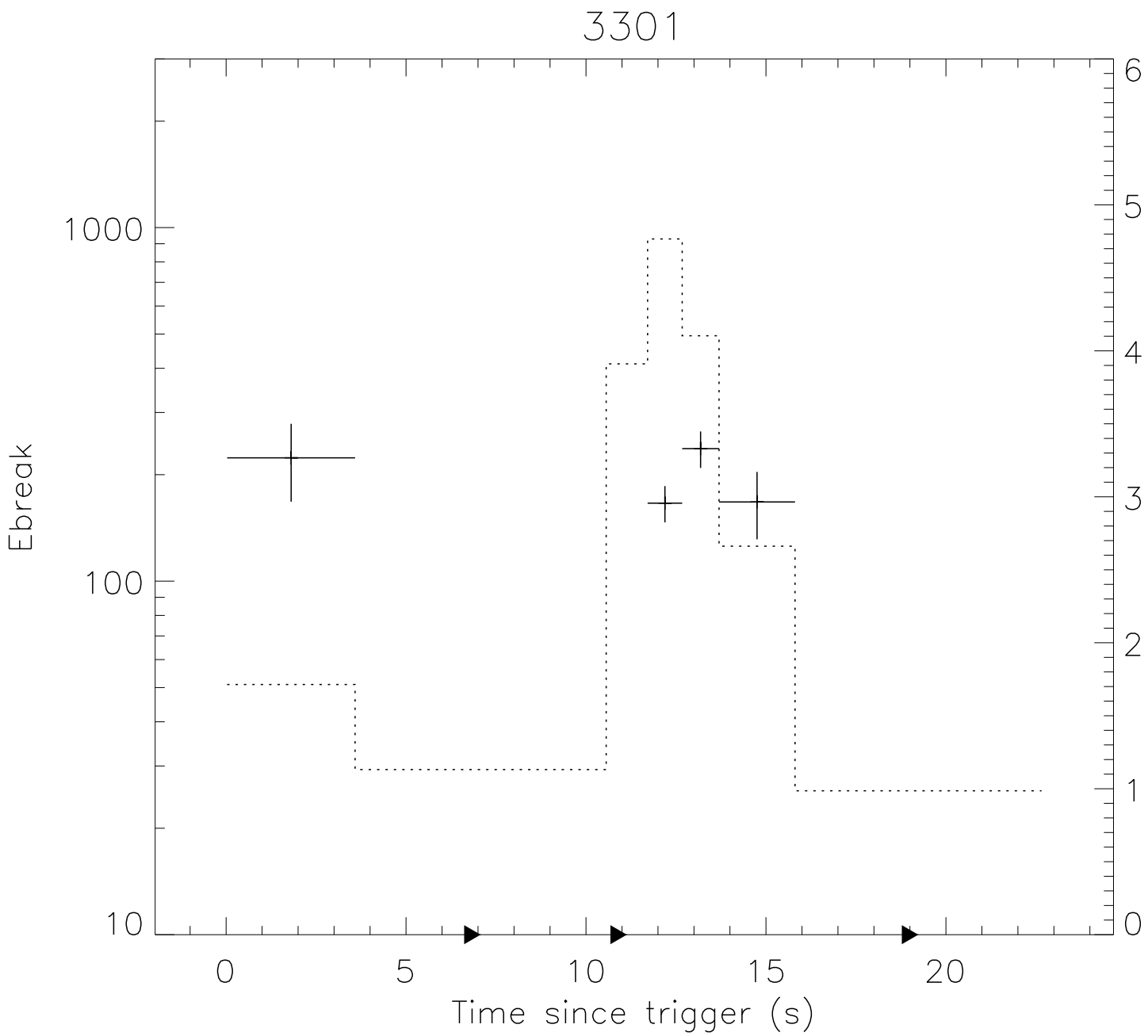

3253
Ebreak
1000
100
10
30
25
20
15
10
5
0
0
10
20
30
40
50
60
Time since trigger (s)

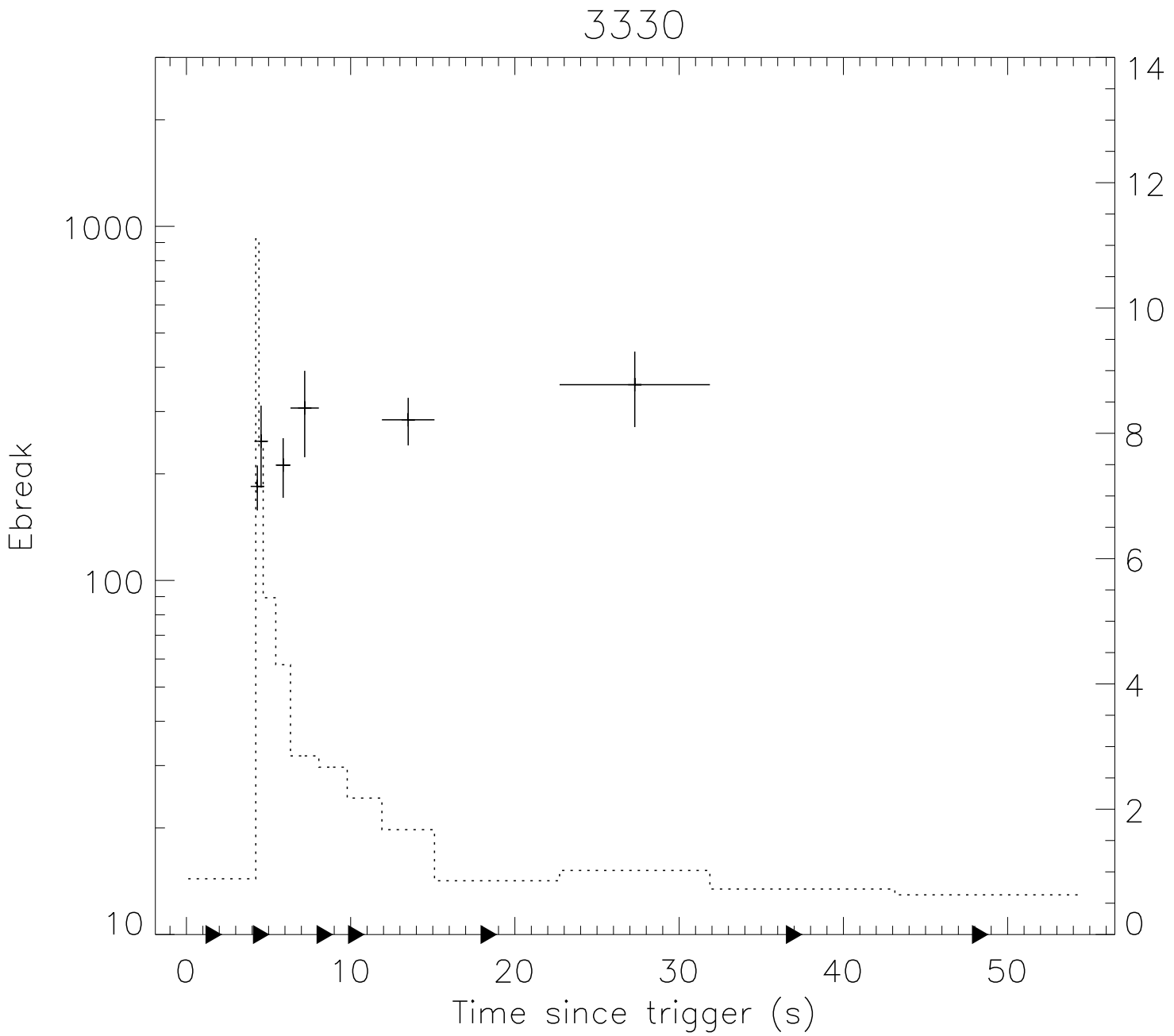

3255
1000
100
10
Ebreak
30
25
20
15
10
5
0
0
10
20
30
Time since trigger (s)

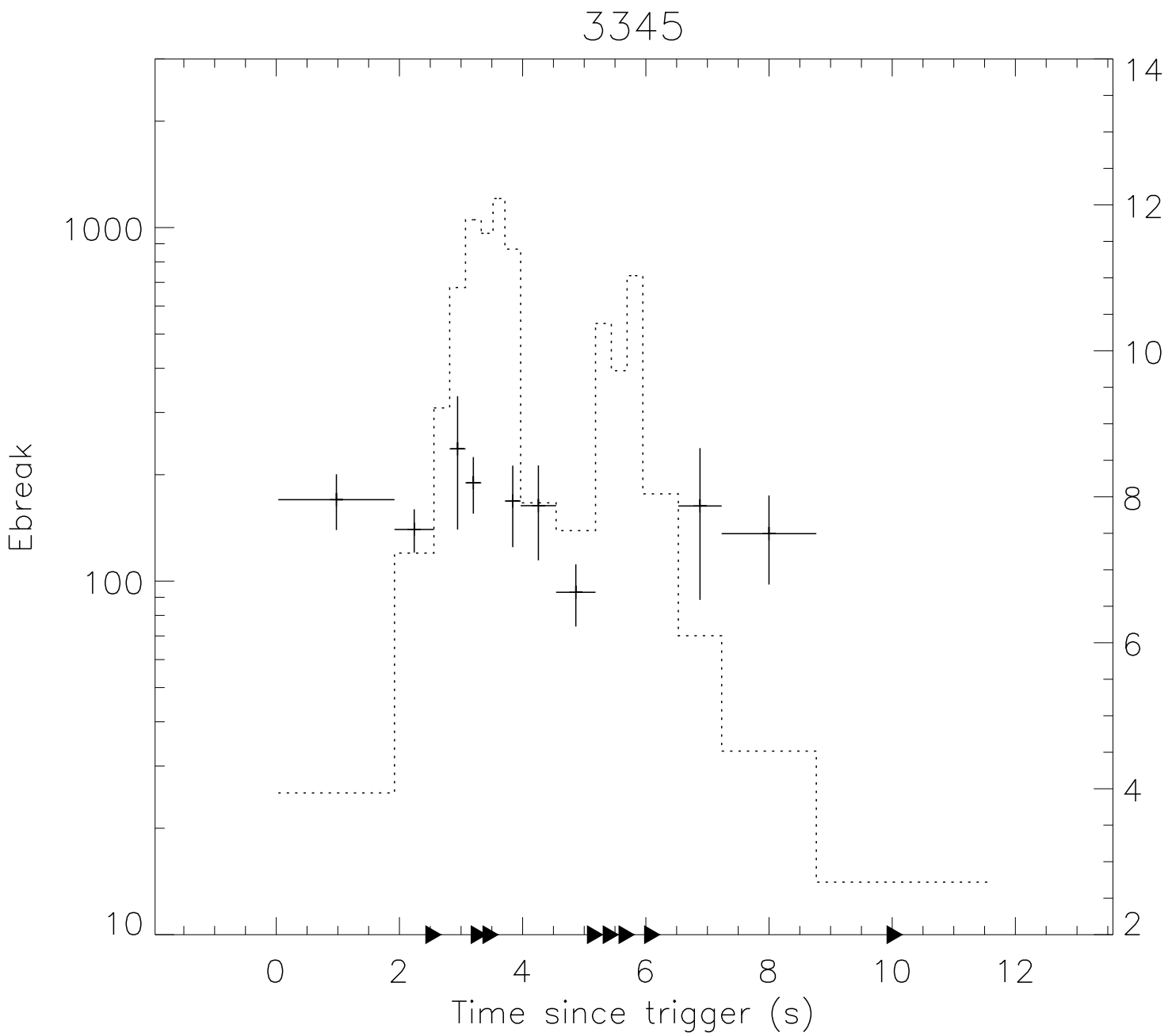

3287
1000
100
10
Ebreak
10
8
6
4
2
0
0
10
20
30
Time since trigger (s)

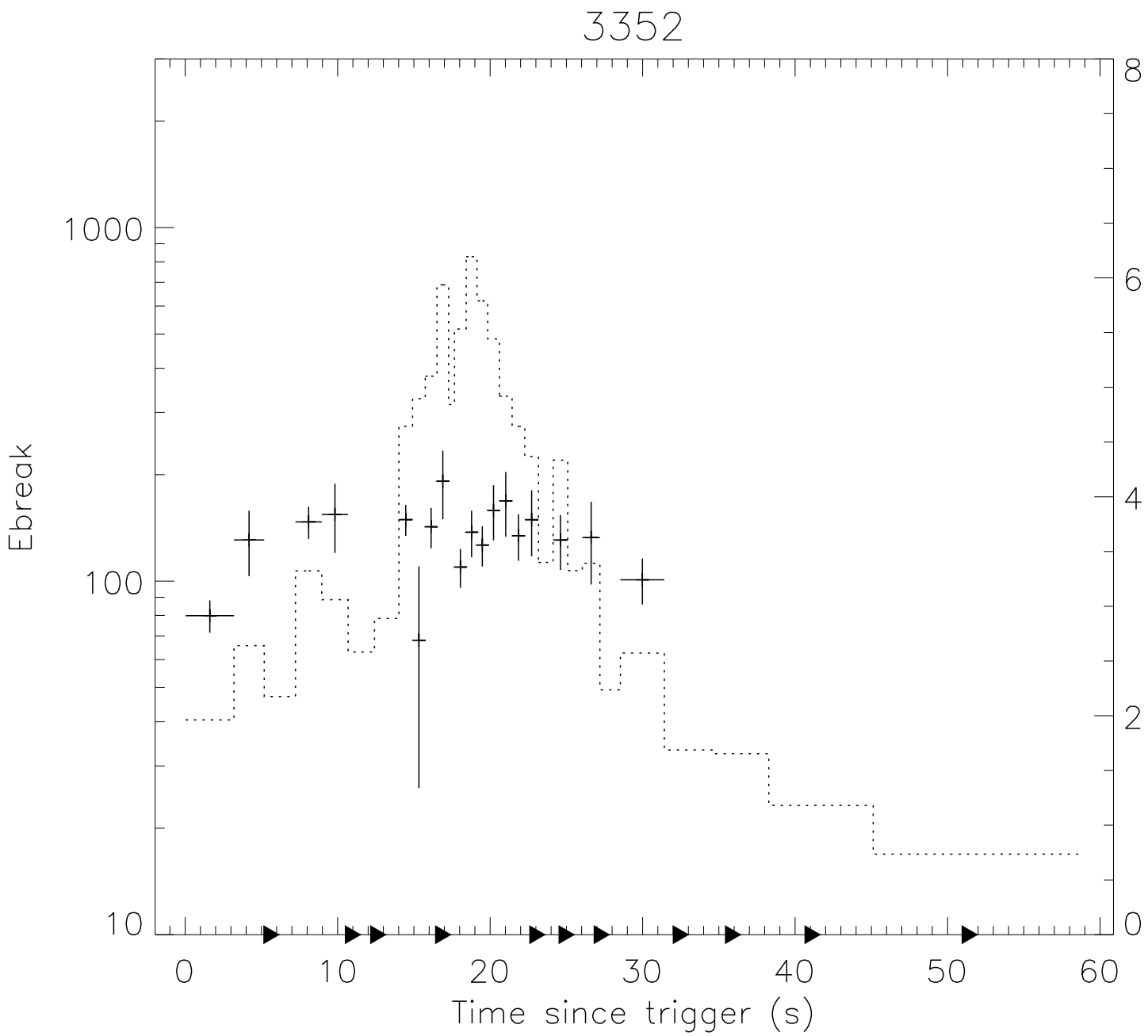

3290
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
30
25
20
15
10
5
0

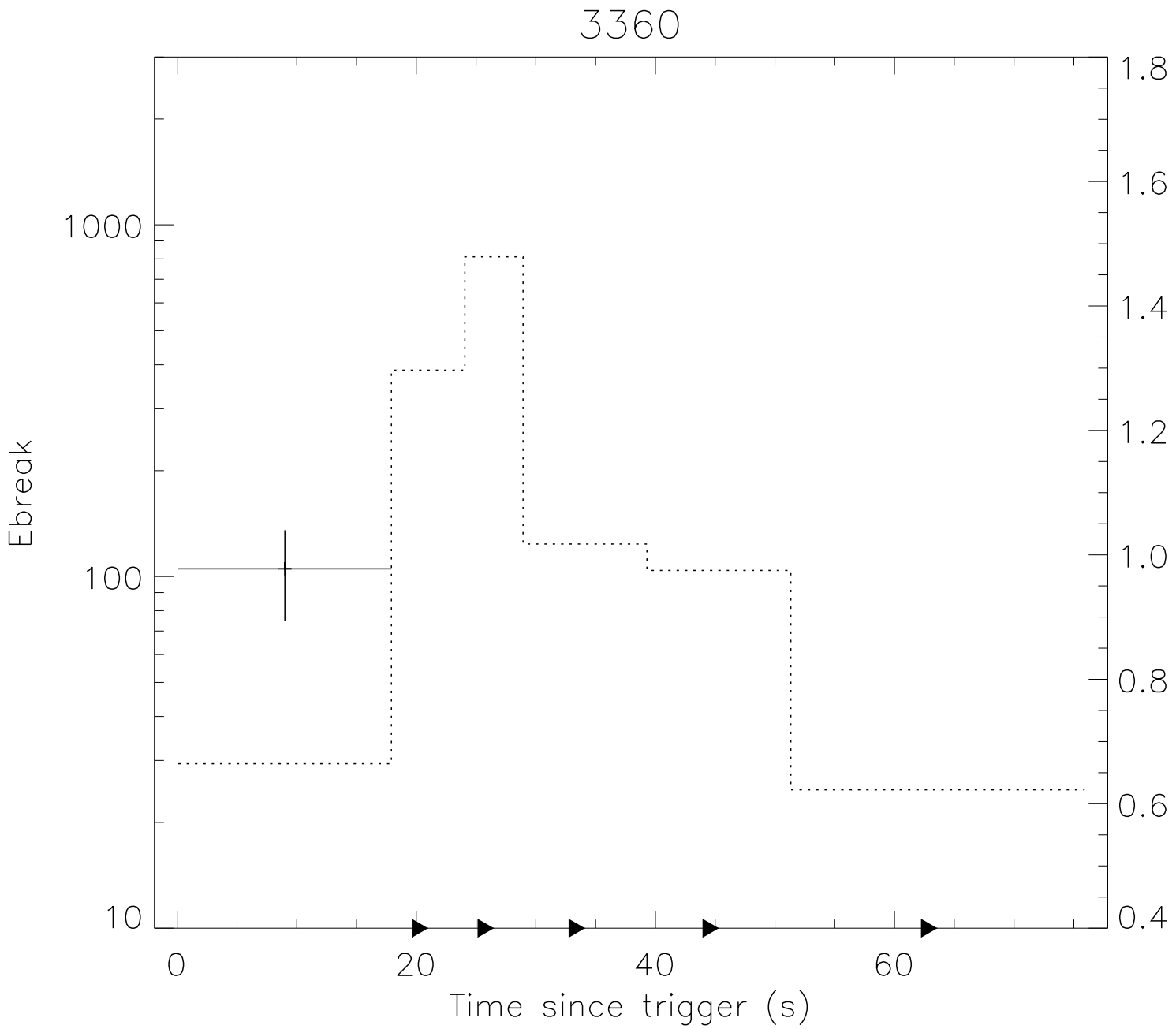

3298
Ebreak
1000
100
10
15
10
5
0
0
20
40
60
80
Time since trigger (s)

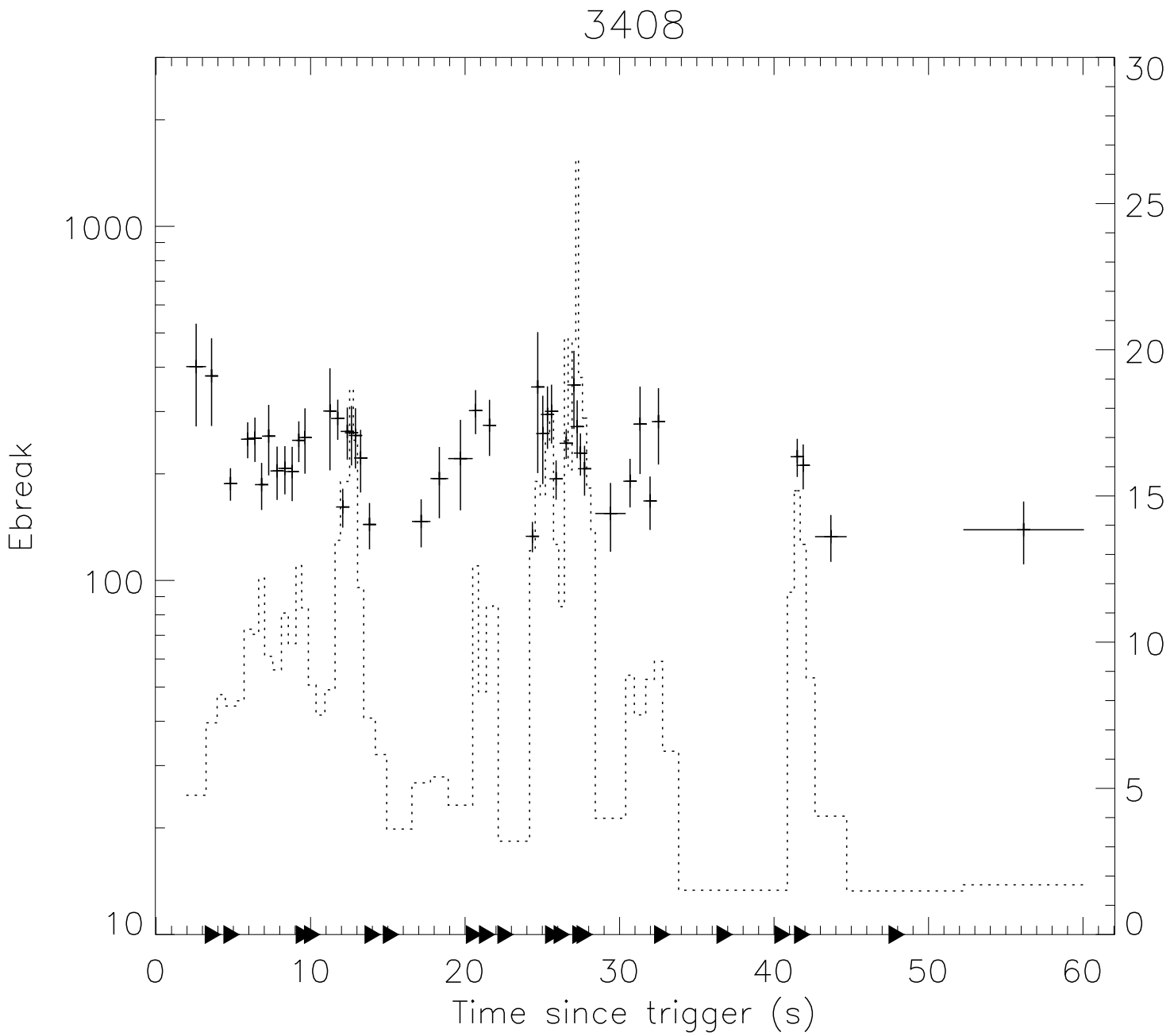

3301
Ebreak
1000
100
10
0
5
10
15
20
Time since trigger (s)
6
5
4
3
2
1
0

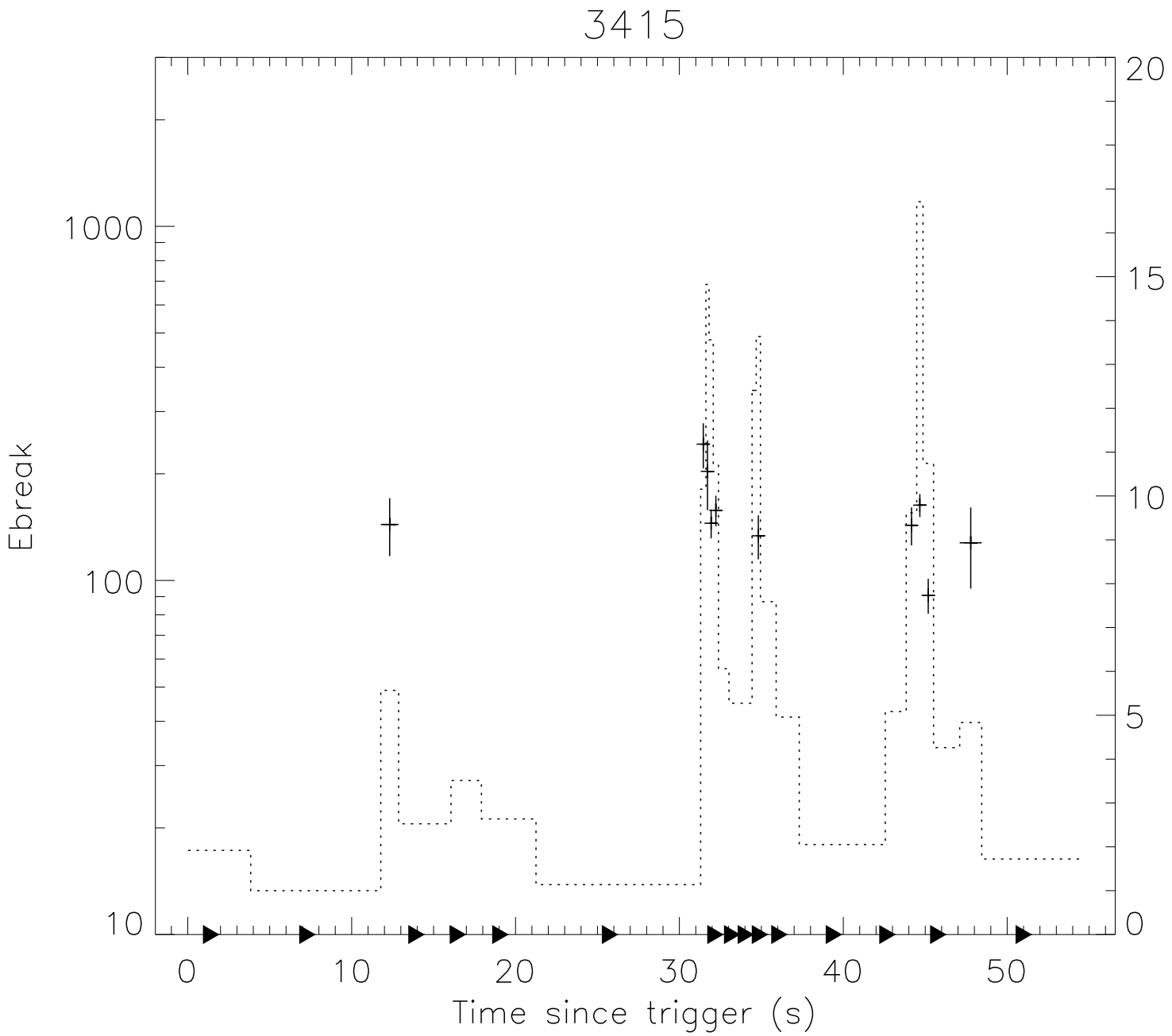

3330
1000
100
10
Ebreak
14
12
10
8
6
4
2
0
0
10
20
30
40
50
Time since trigger (s)

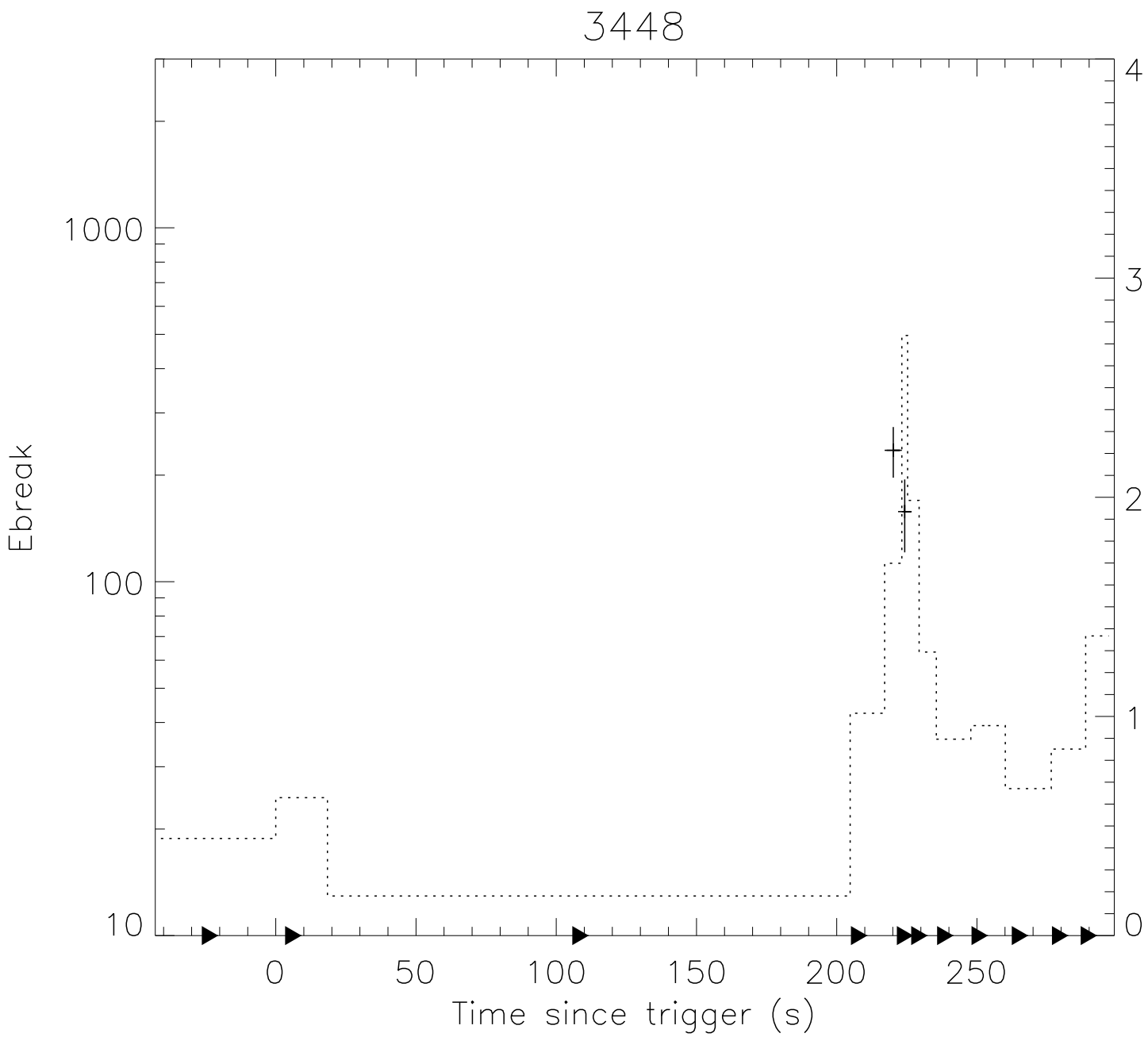

3345
Ebreak
1000
100
10
0
2
4
6
8
10
12
Time since trigger (s)
14
12
10
8
6
4
2

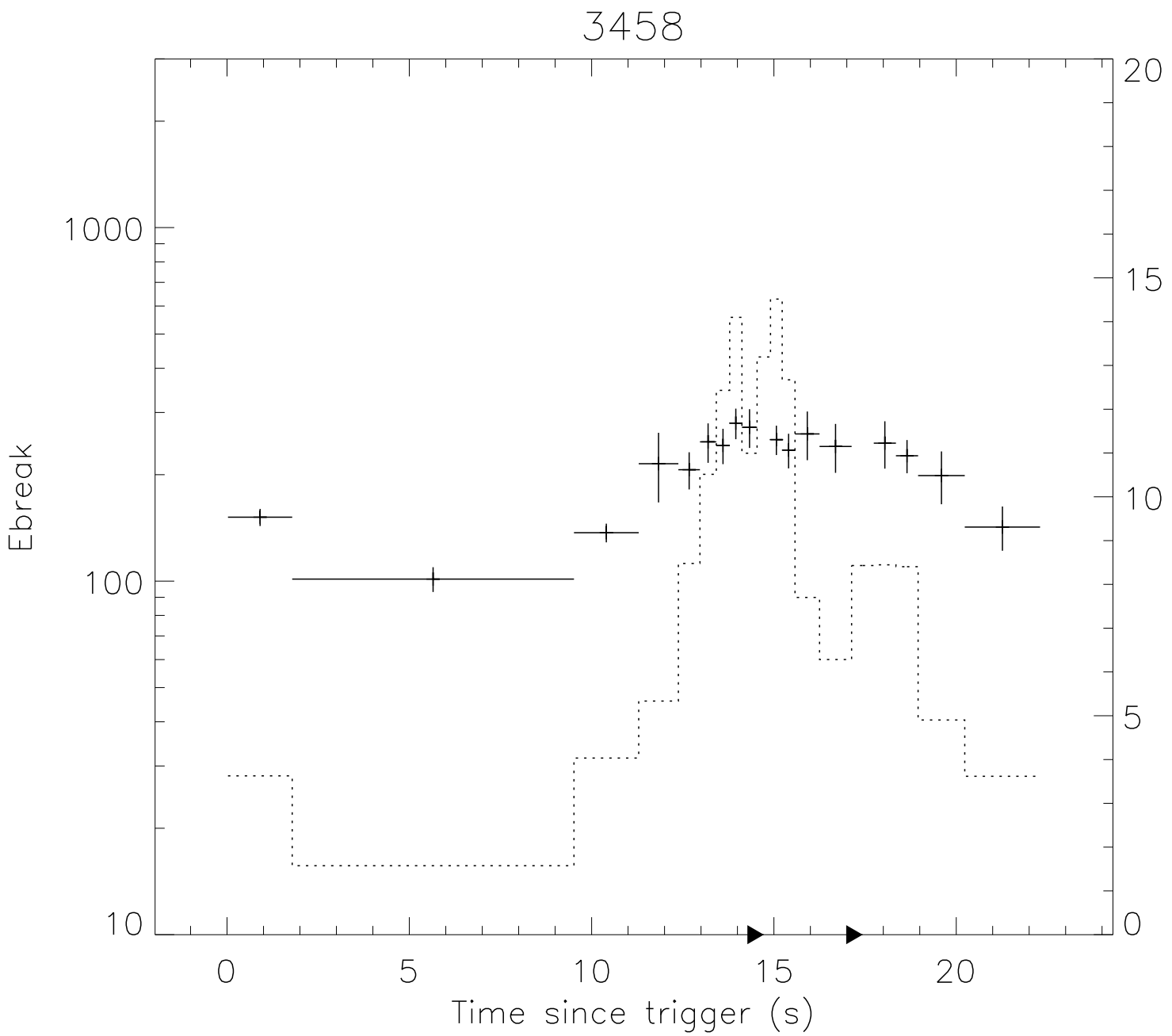

3352
Ebreak
1000
100
10
8
6
4
2
0
0
10
20
30
40
50
60
Time since trigger (s)

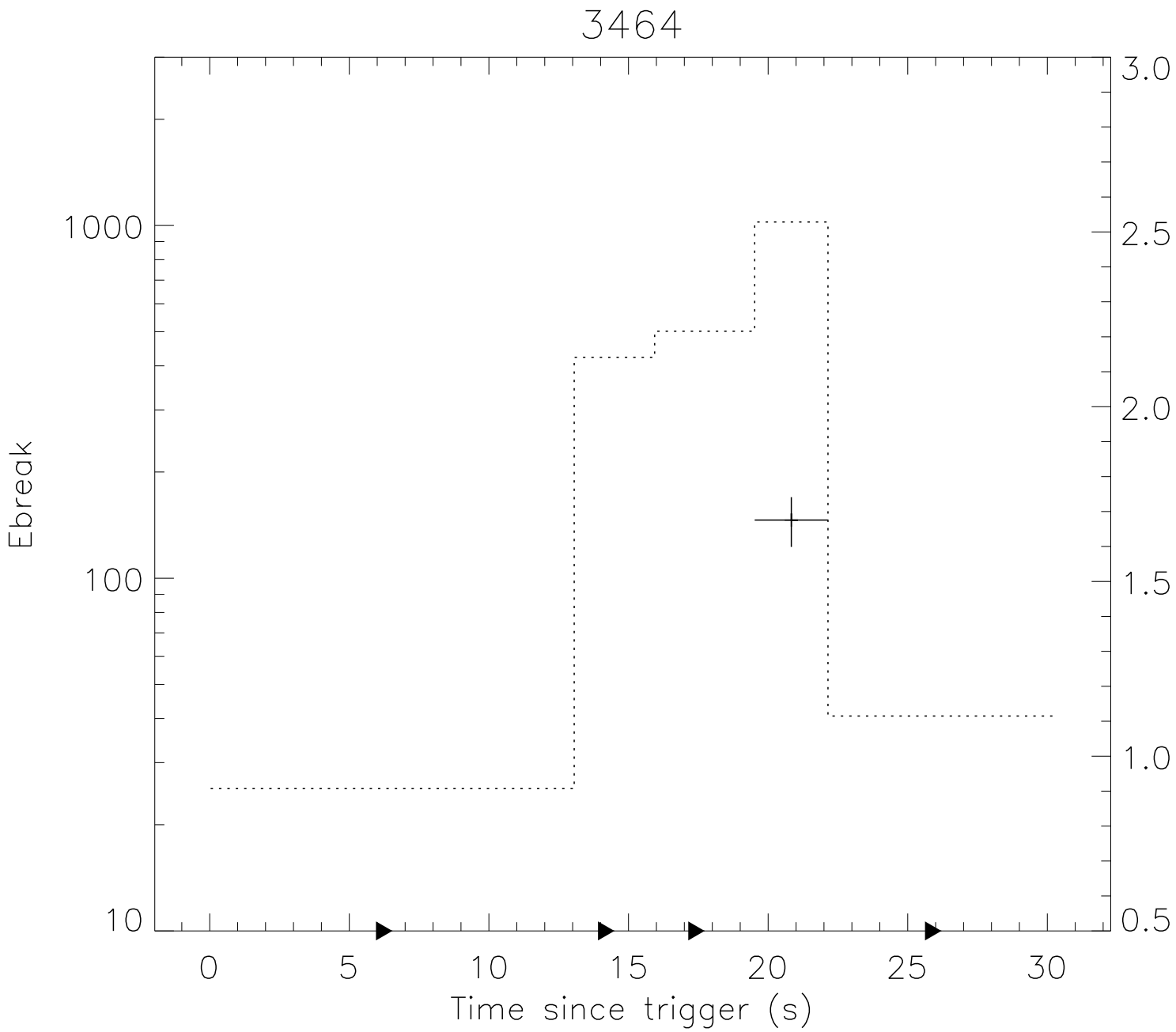

3360
1000
100
10
Ebreak
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0
20
40
60
Time since trigger (s)

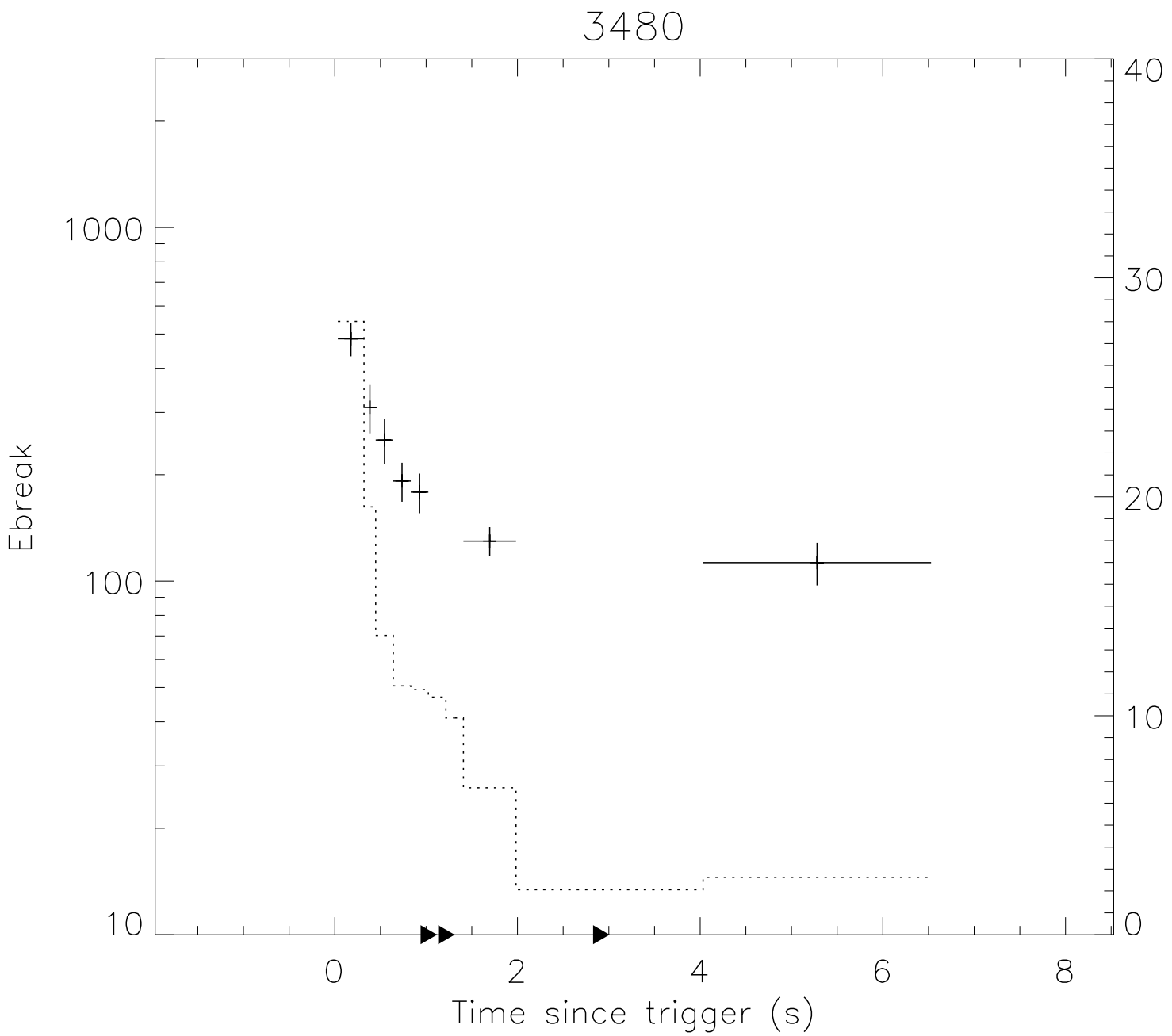

3408
Ebreak
1000
100
10
0
10
20
30
40
50
60
Time since trigger (s)
30
25
20
15
10
5
0

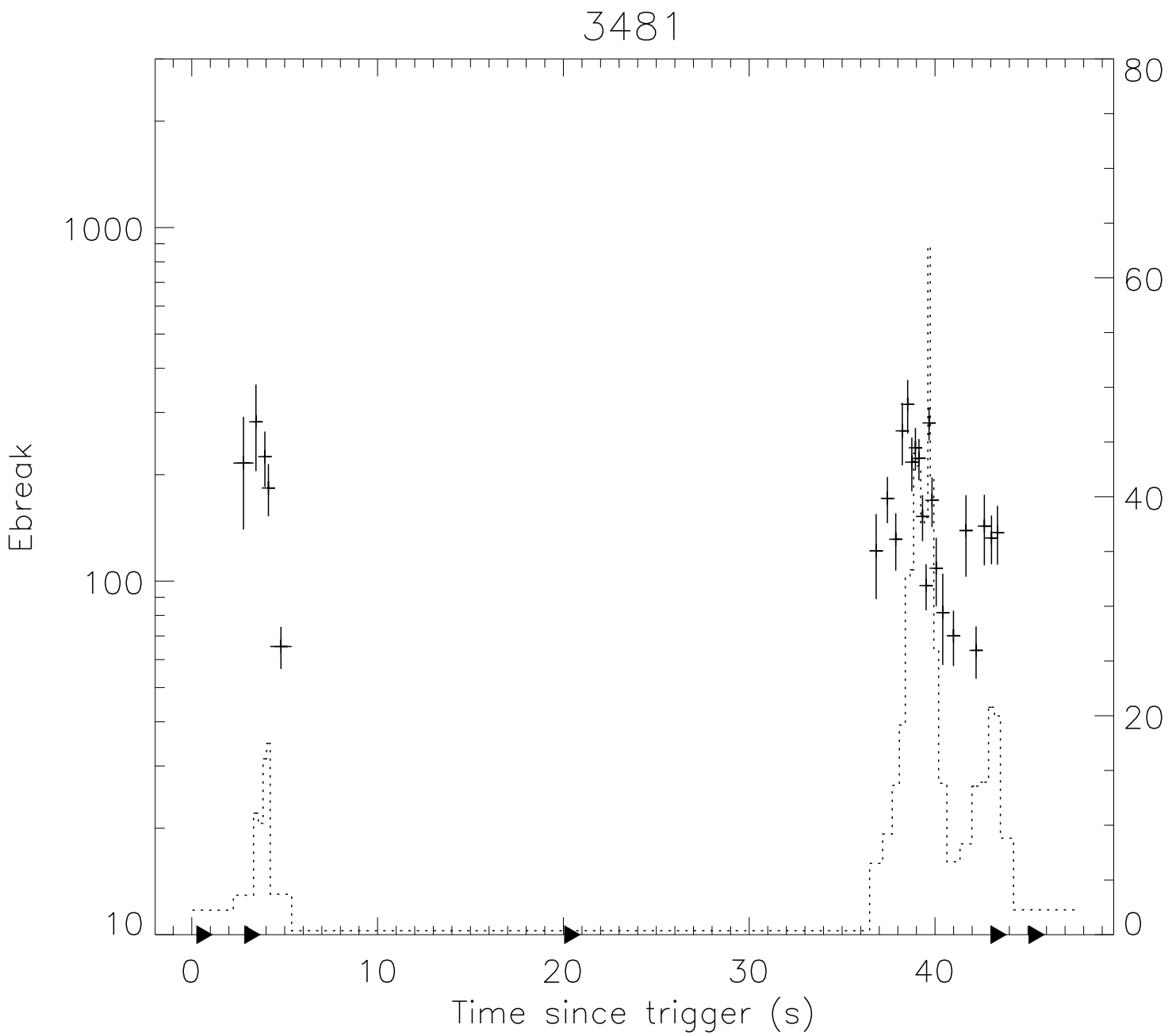

3415
Ebreak
1000
100
10
20
15
10
5
0
0
10
20
30
40
50
Time since trigger (s)

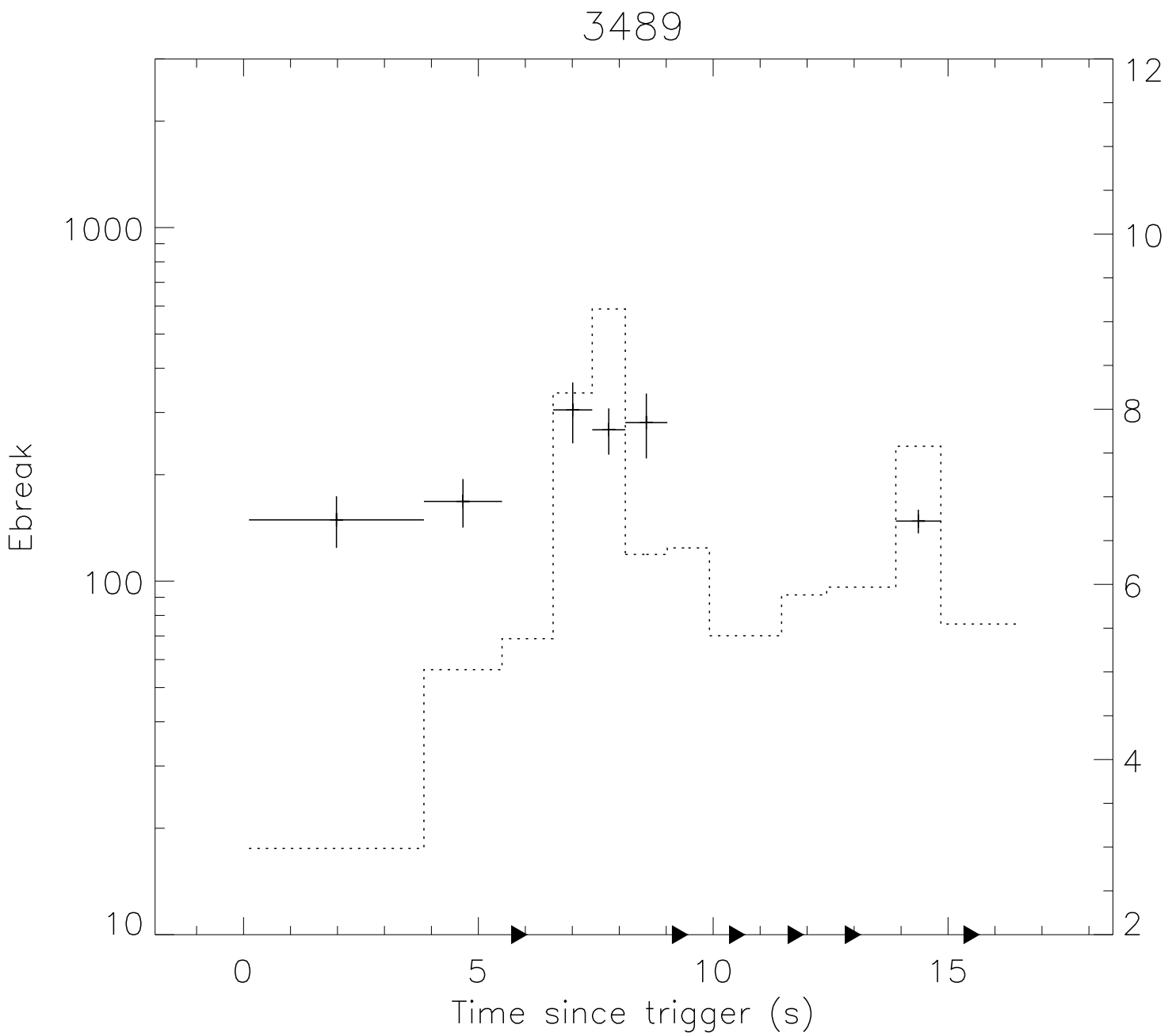

3448
1000
100
10
Ebreak
4
3
2
1
0
0
50
100
150
200
250
Time since trigger (s)

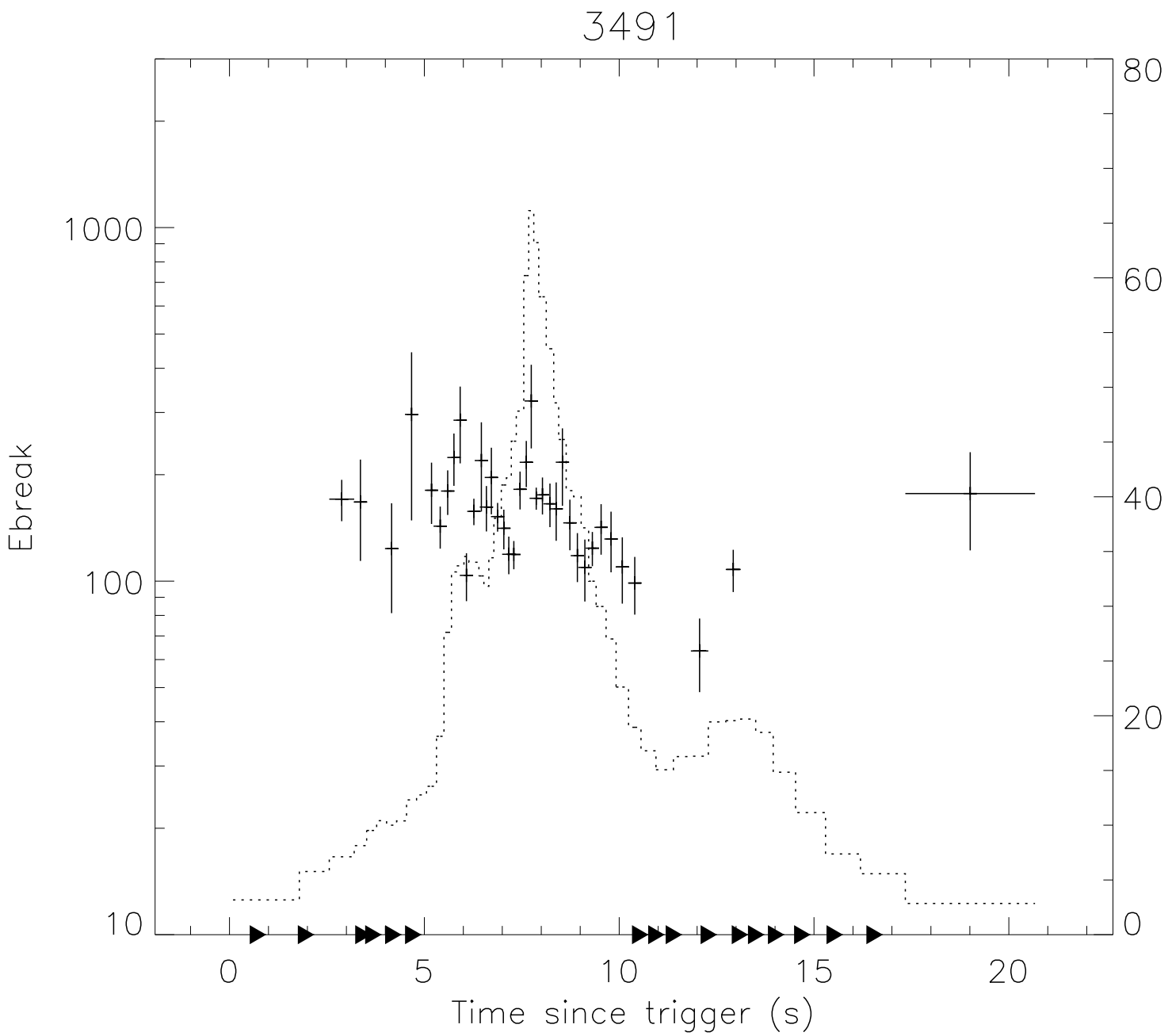

3458
Ebreak
1000
100
10
0
5
10
15
20
Time since trigger (s)
20
15
10
5
0

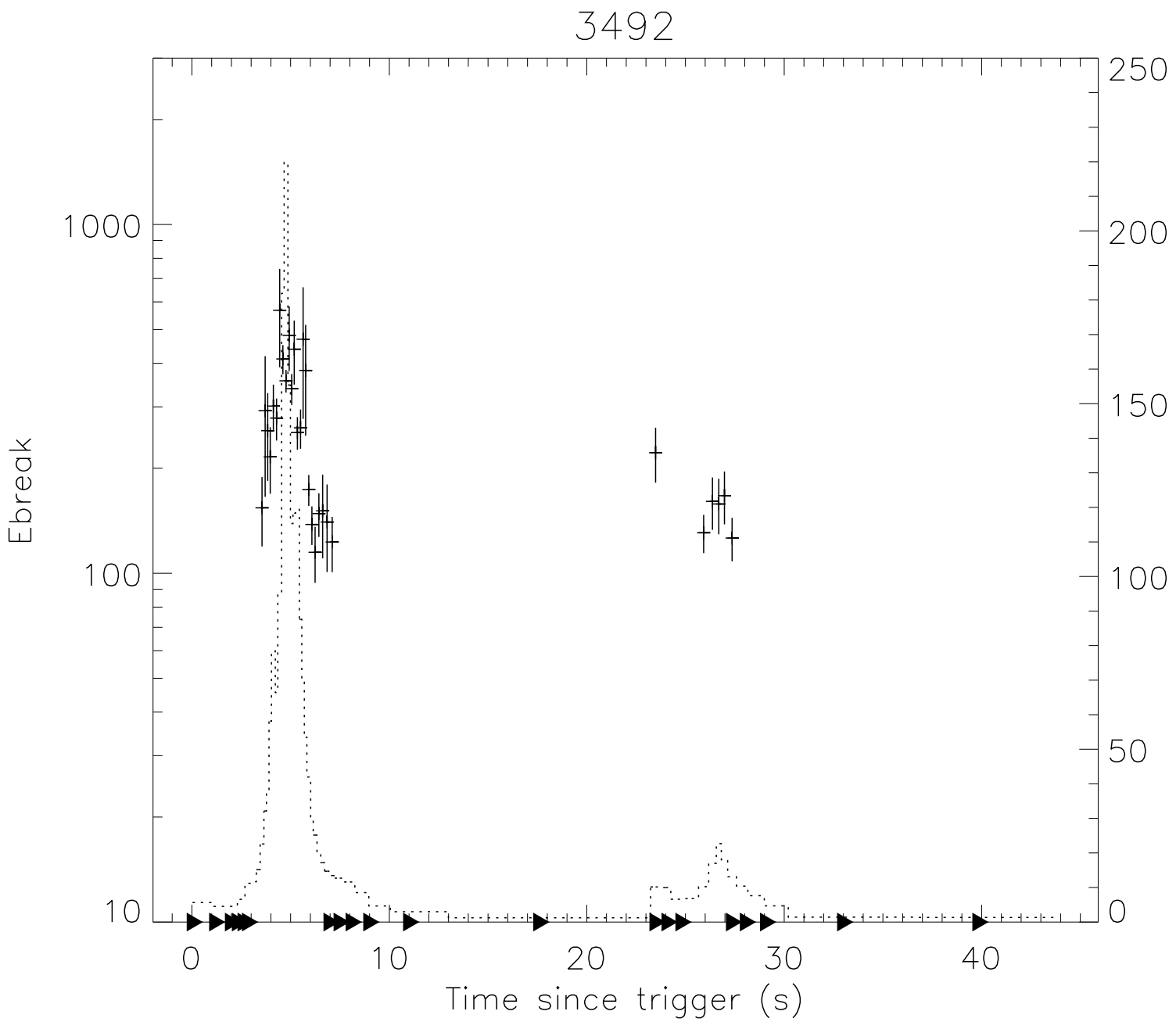

3464
1000
100
10
Ebreak
3.0
2.5
2.0
1.5
1.0
0.5
0
5
10
15
20
25
30
Time since trigger (s)

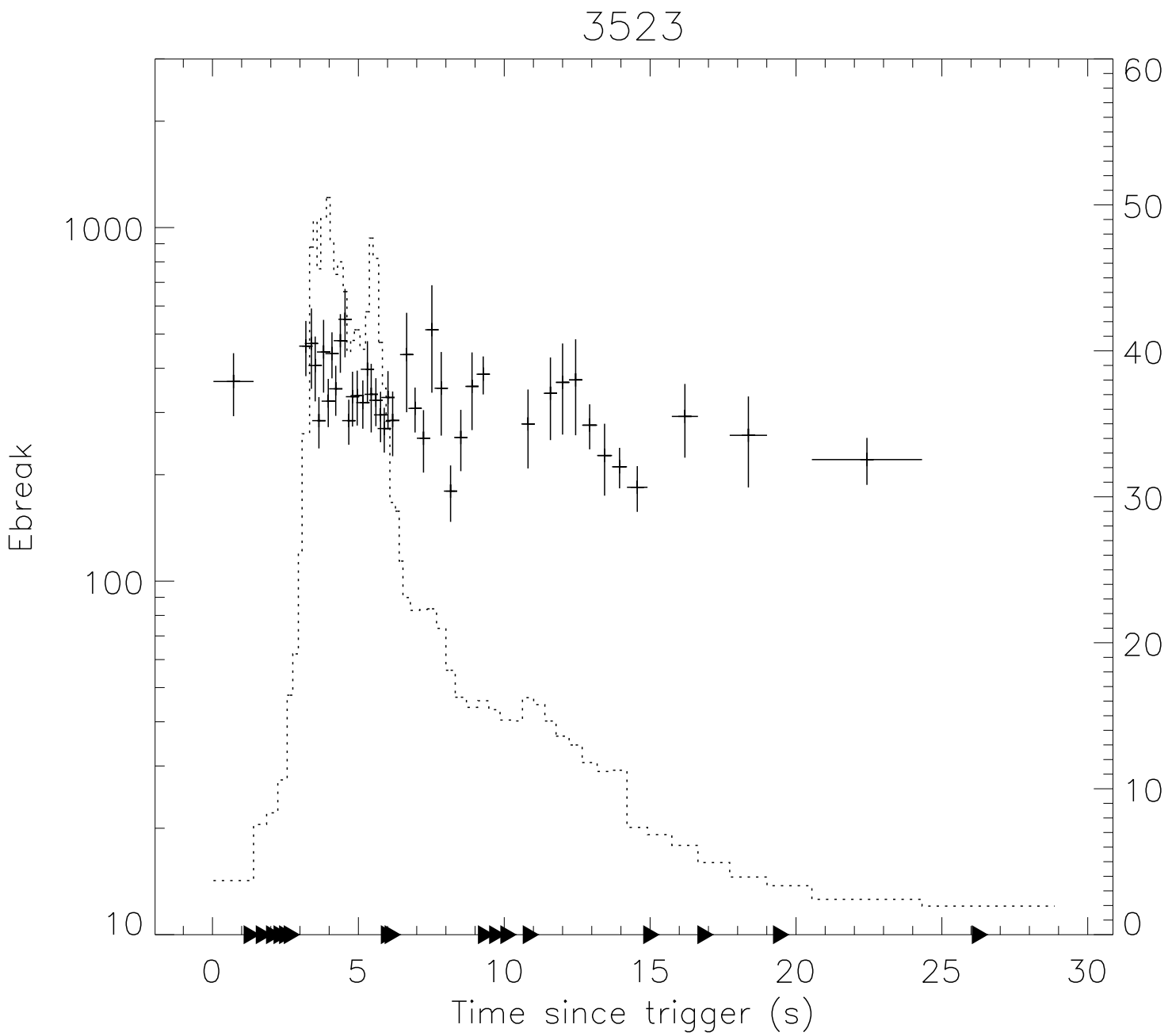

3480
1000
100
10
Ebreak
40
30
20
10
0
0
2
4
6
8
Time since trigger (s)

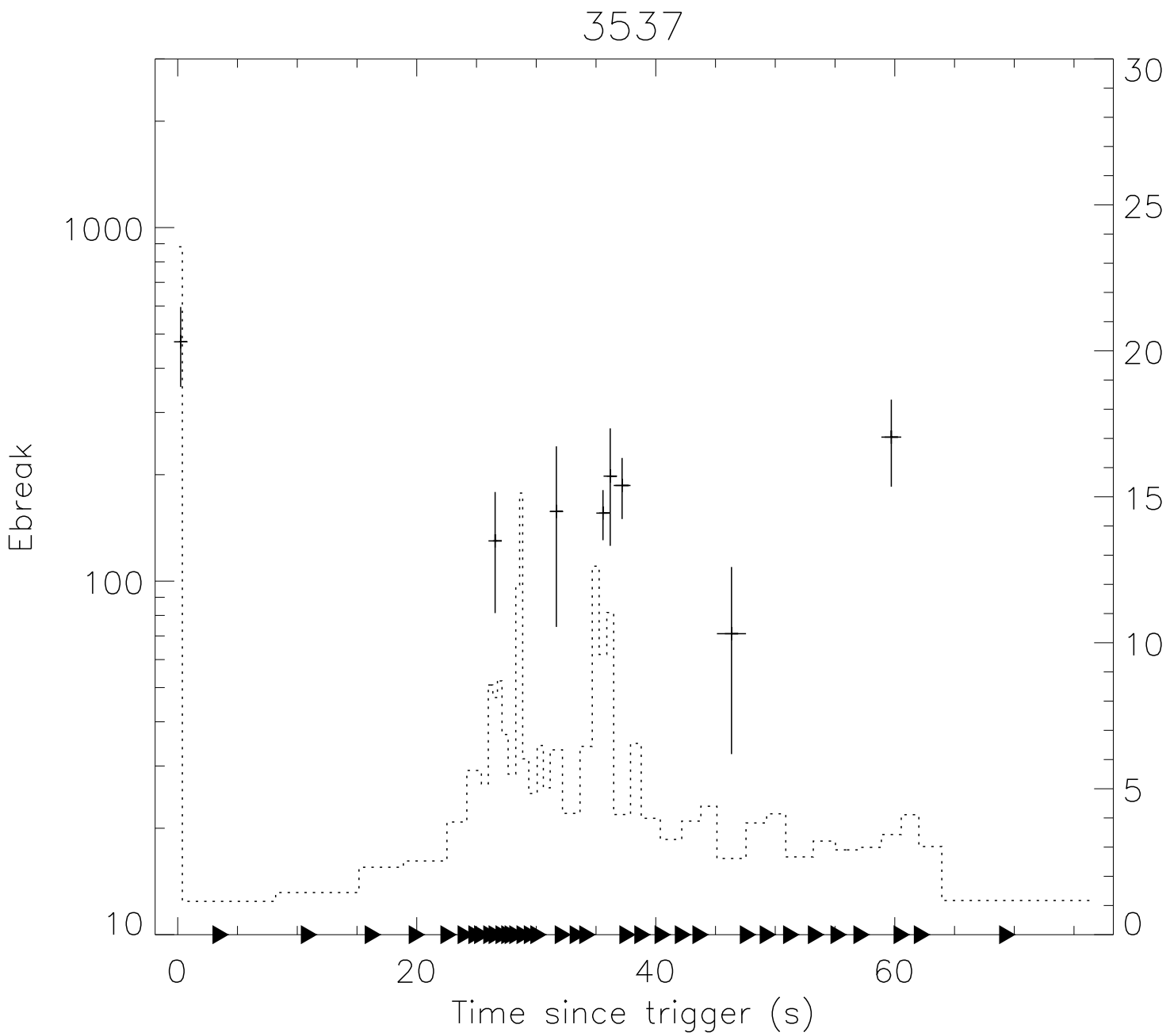

3481
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
80
60
40
20
0

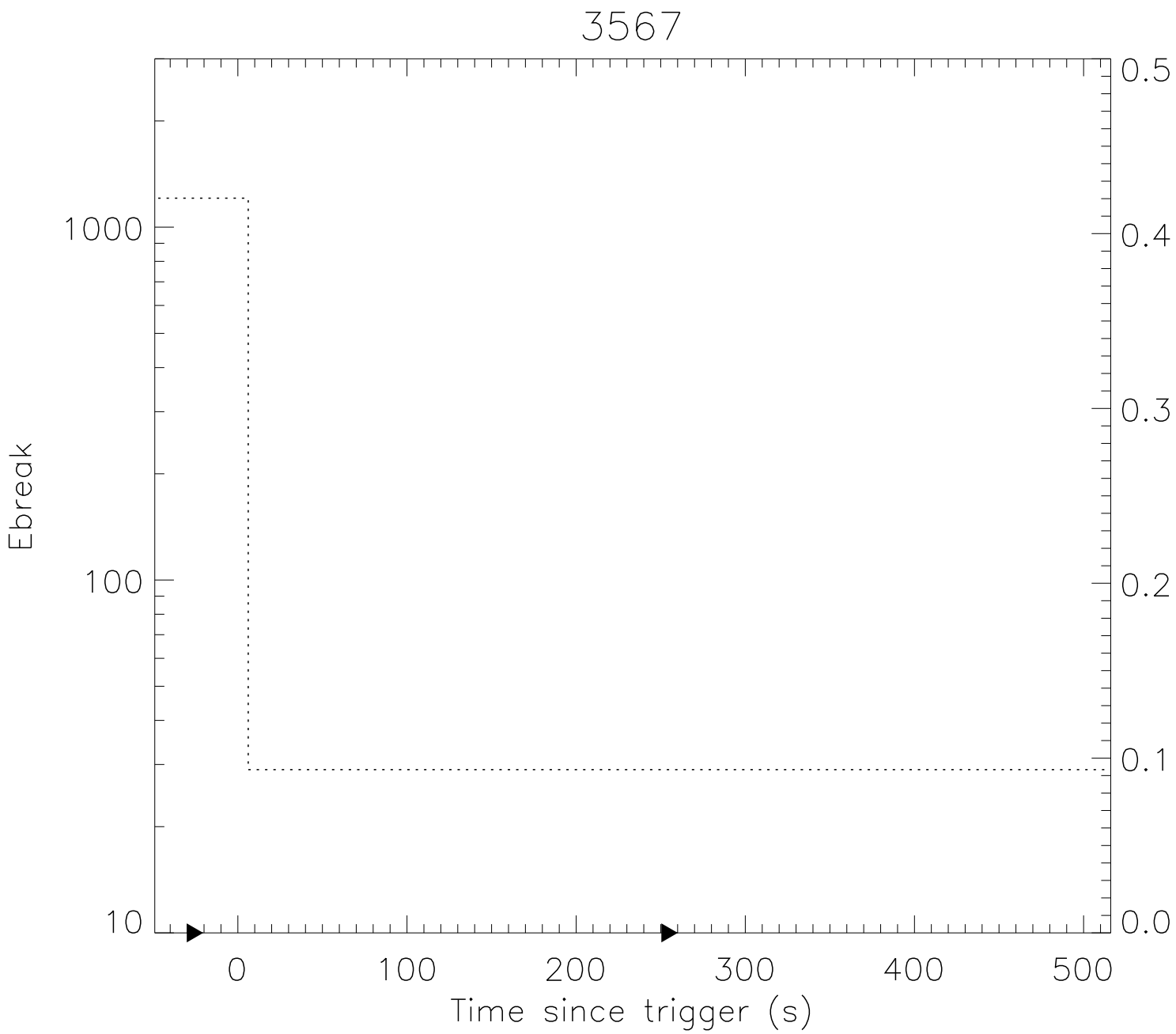

3489
Ebreak
1000
100
10
12
10
8
6
4
2
0
5
10
15
Time since trigger (s)

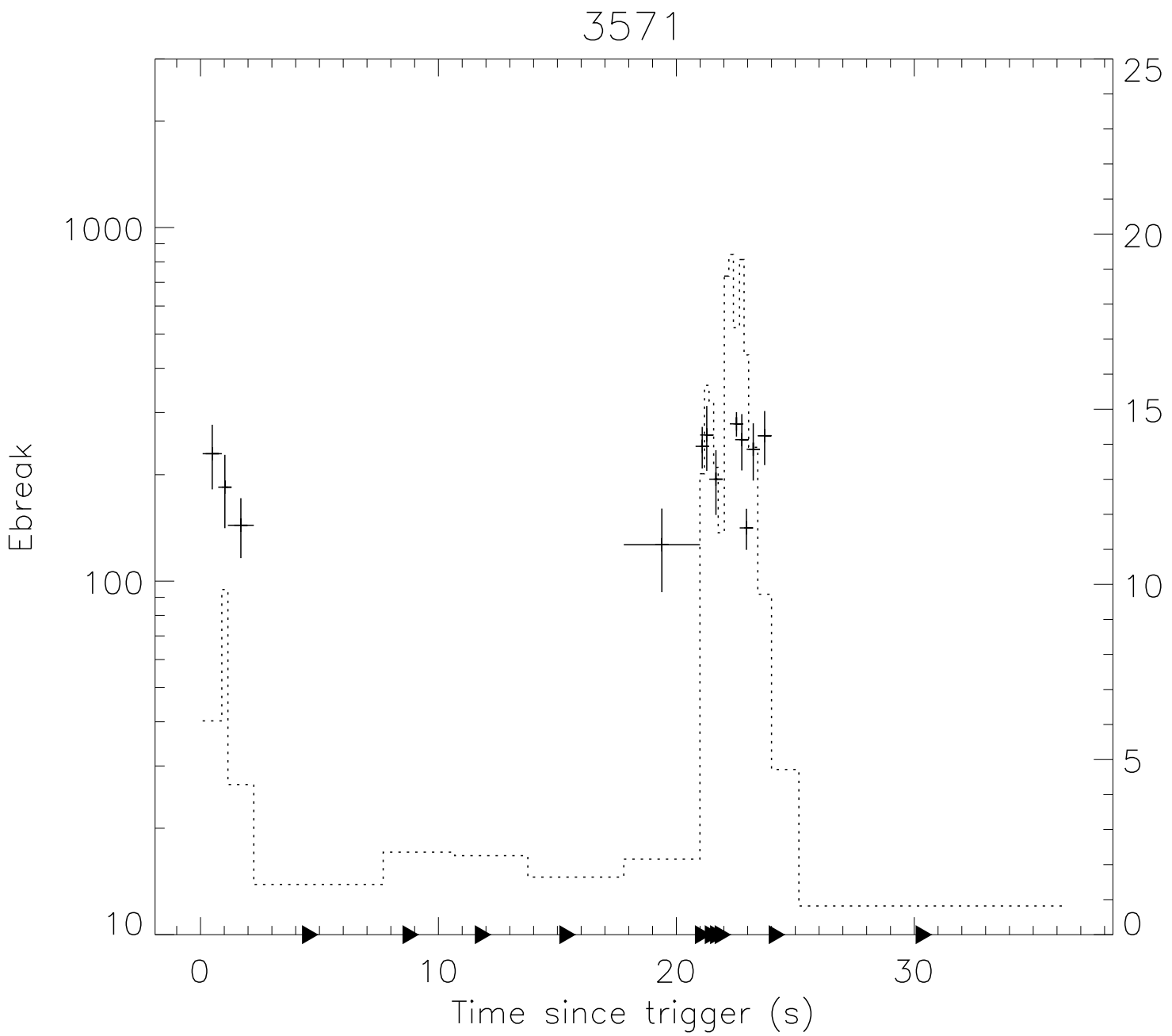

3491
Ebreak
1000
100
10
80
60
40
20
0
0
5
10
15
20
Time since trigger (s)

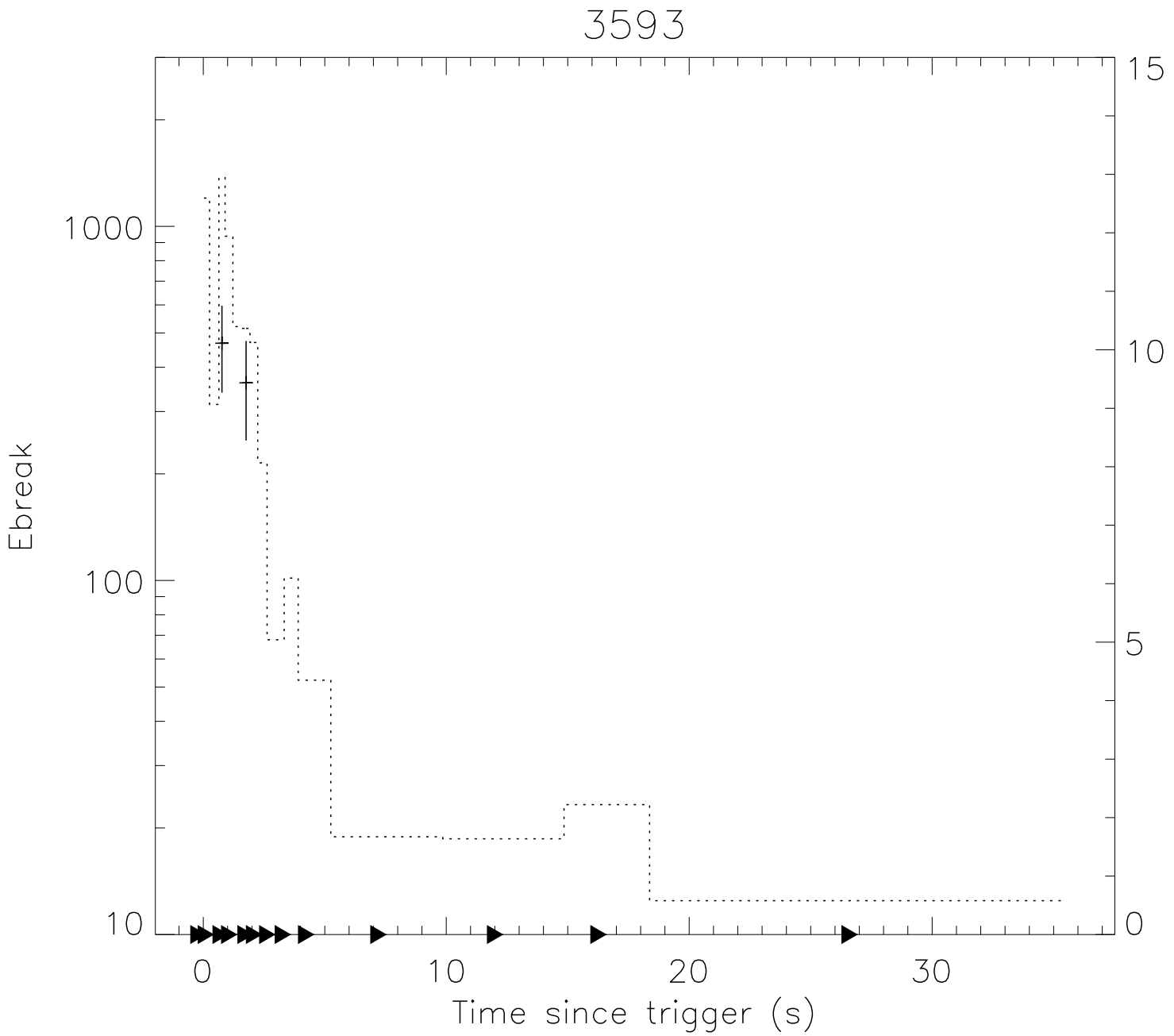

3492
Ebreak
1000
100
10
250
200
150
100
50
0
0
10
20
30
40
Time since trigger (s)

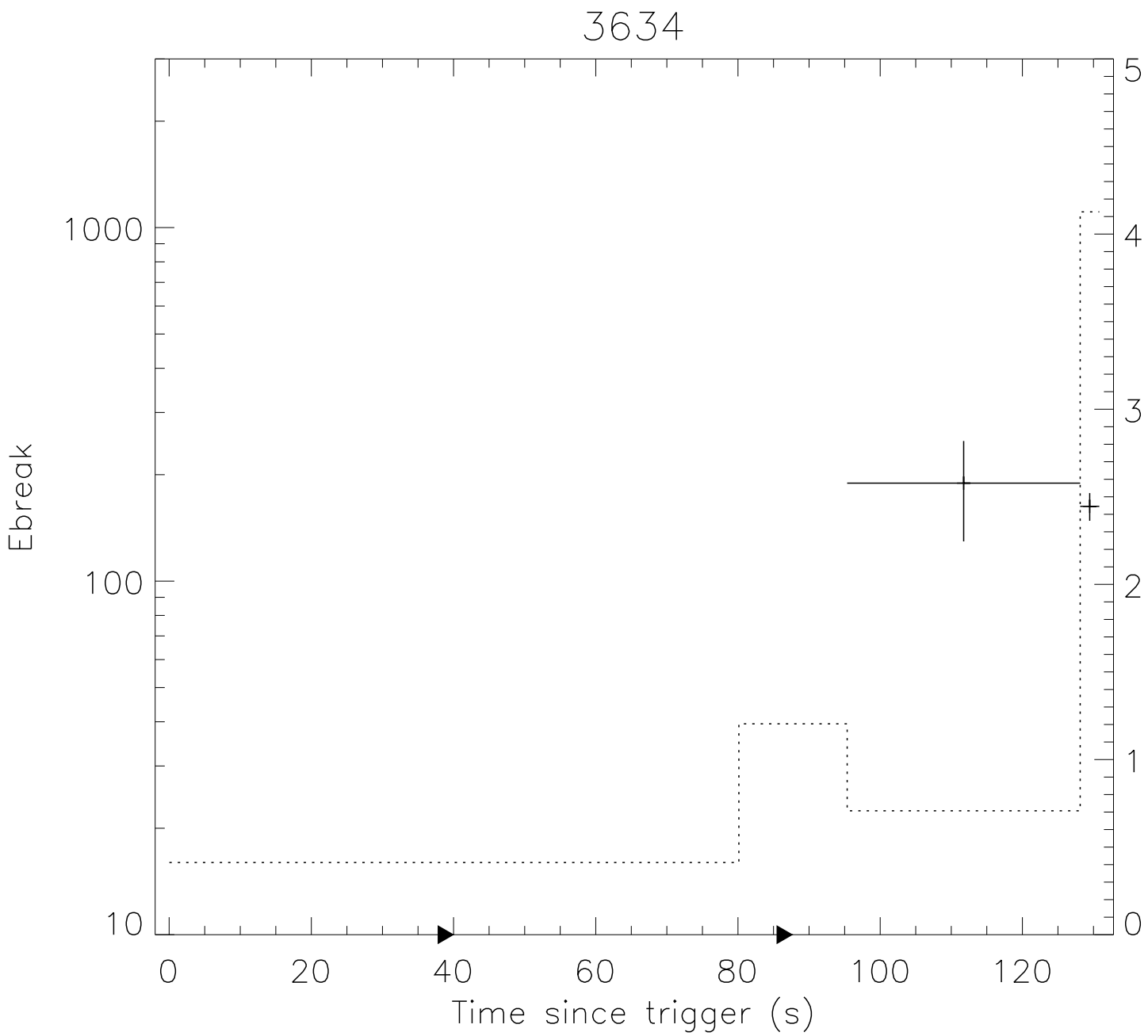

3523
Ebreak
1000
100
10
60
50
40
30
20
10
0
0
5
10
15
20
25
30
Time since trigger (s)

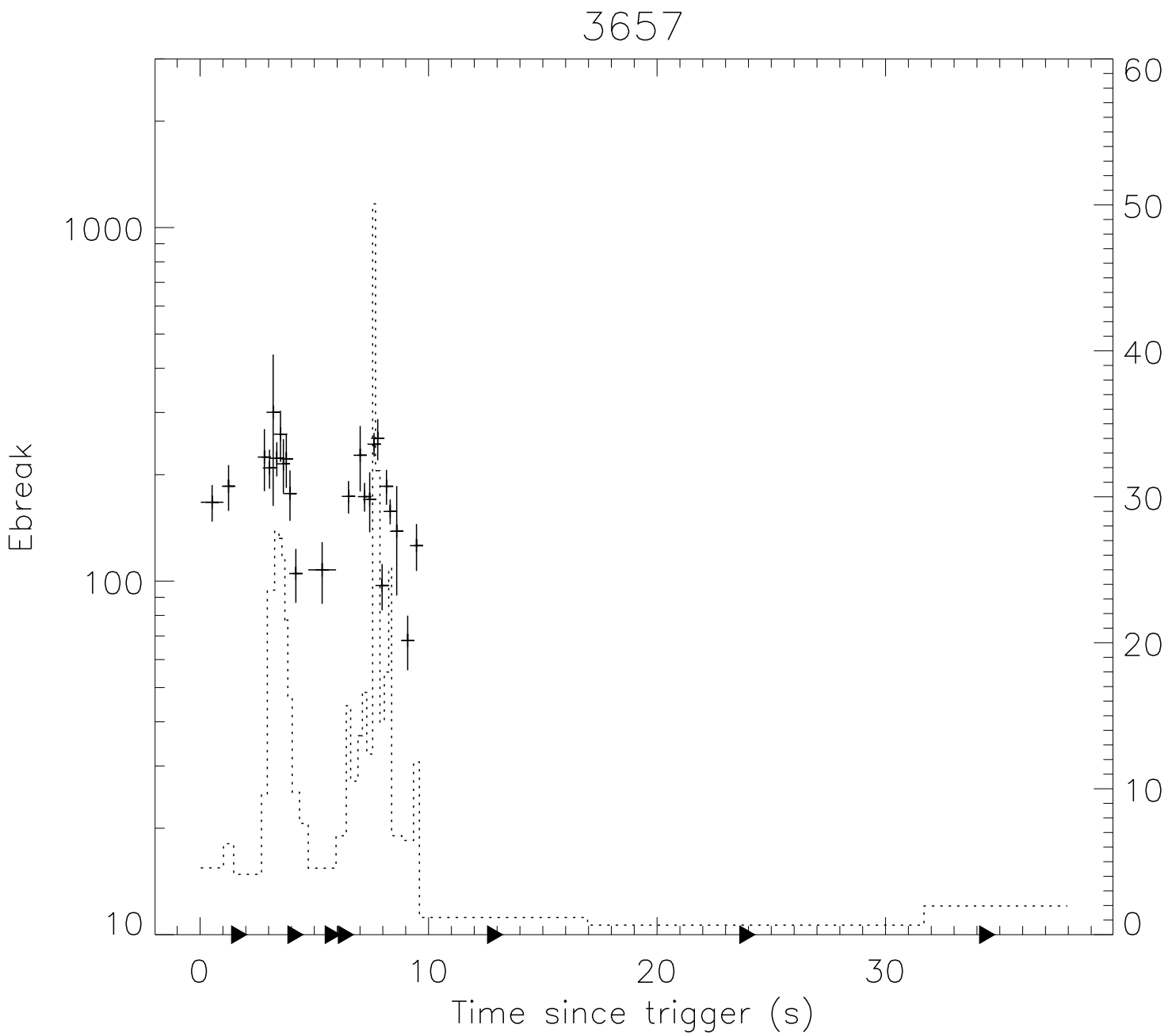

3537
1000
100
10
Ebreak
30
25
20
15
10
5
0
0
20
40
60
Time since trigger (s)

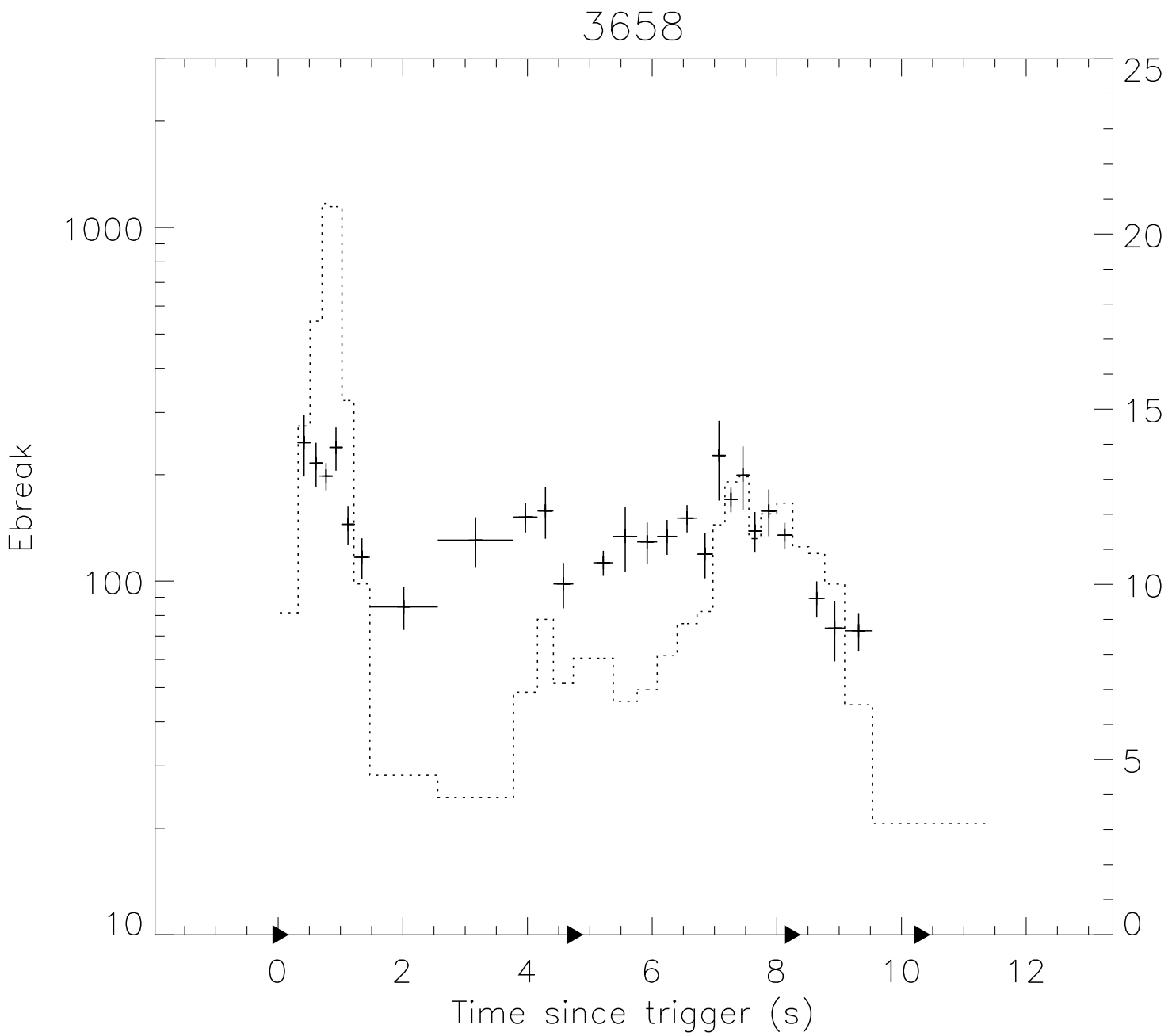

3567
1000
100
10
Ebreak
0.5
0.4
0.3
0.2
0.1
0.0
0
100
200
300
400
500
Time since trigger (s)

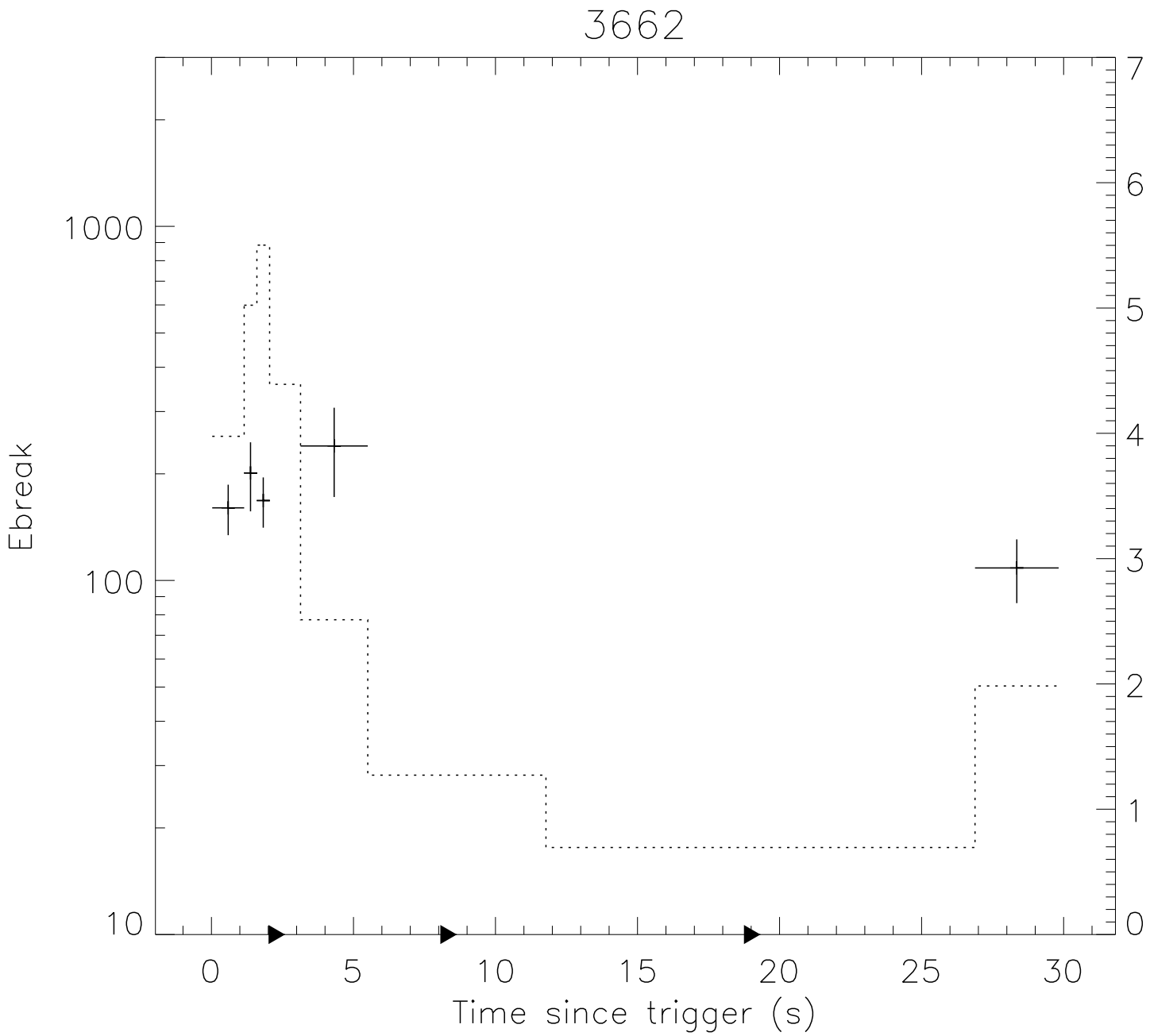

3571
Ebreak
1000
100
10
25
20
15
10
5
0
0
10
20
30
Time since trigger (s)

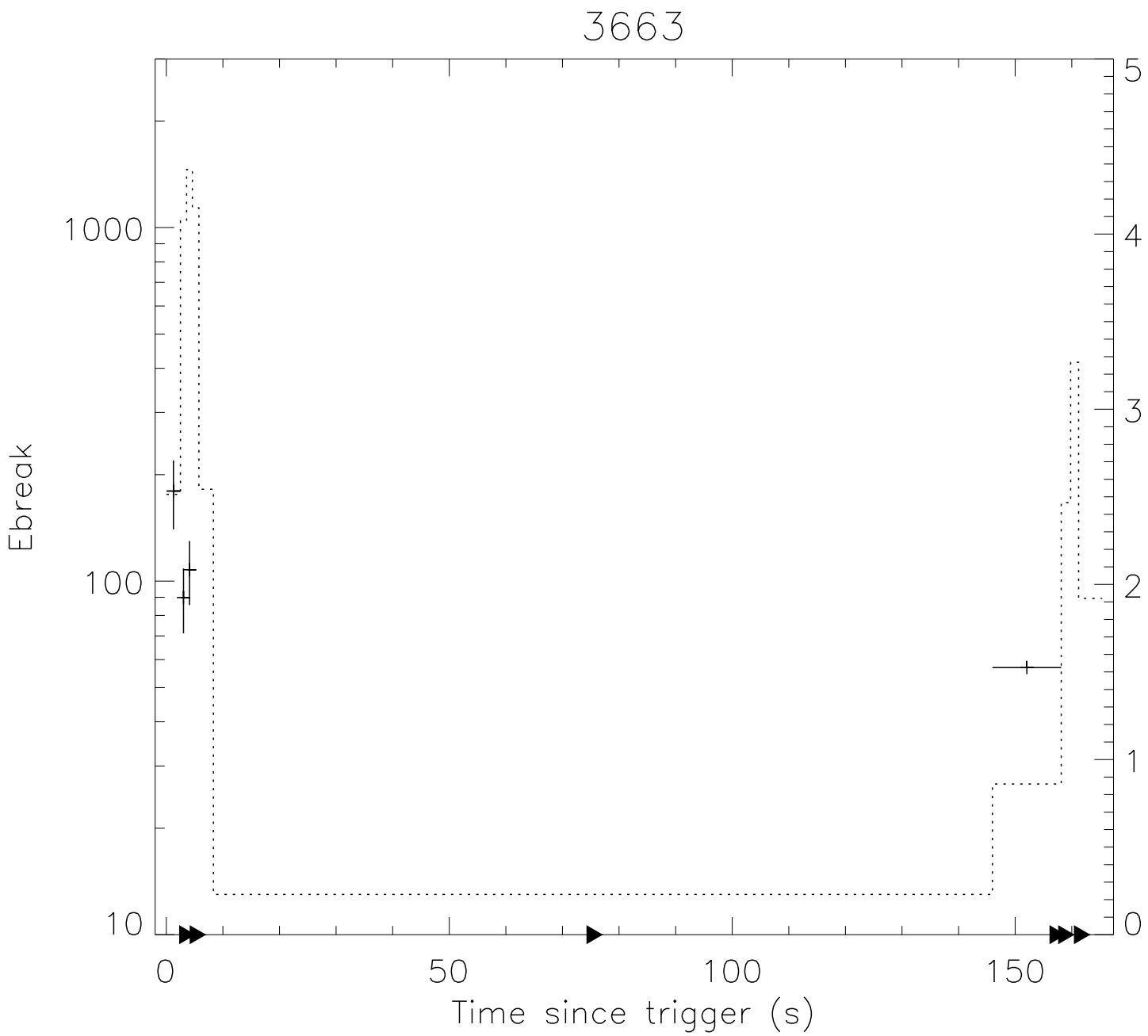

3593
Ebreak
1000
100
10
15
10
5
0
0
10
20
30
Time since trigger (s)

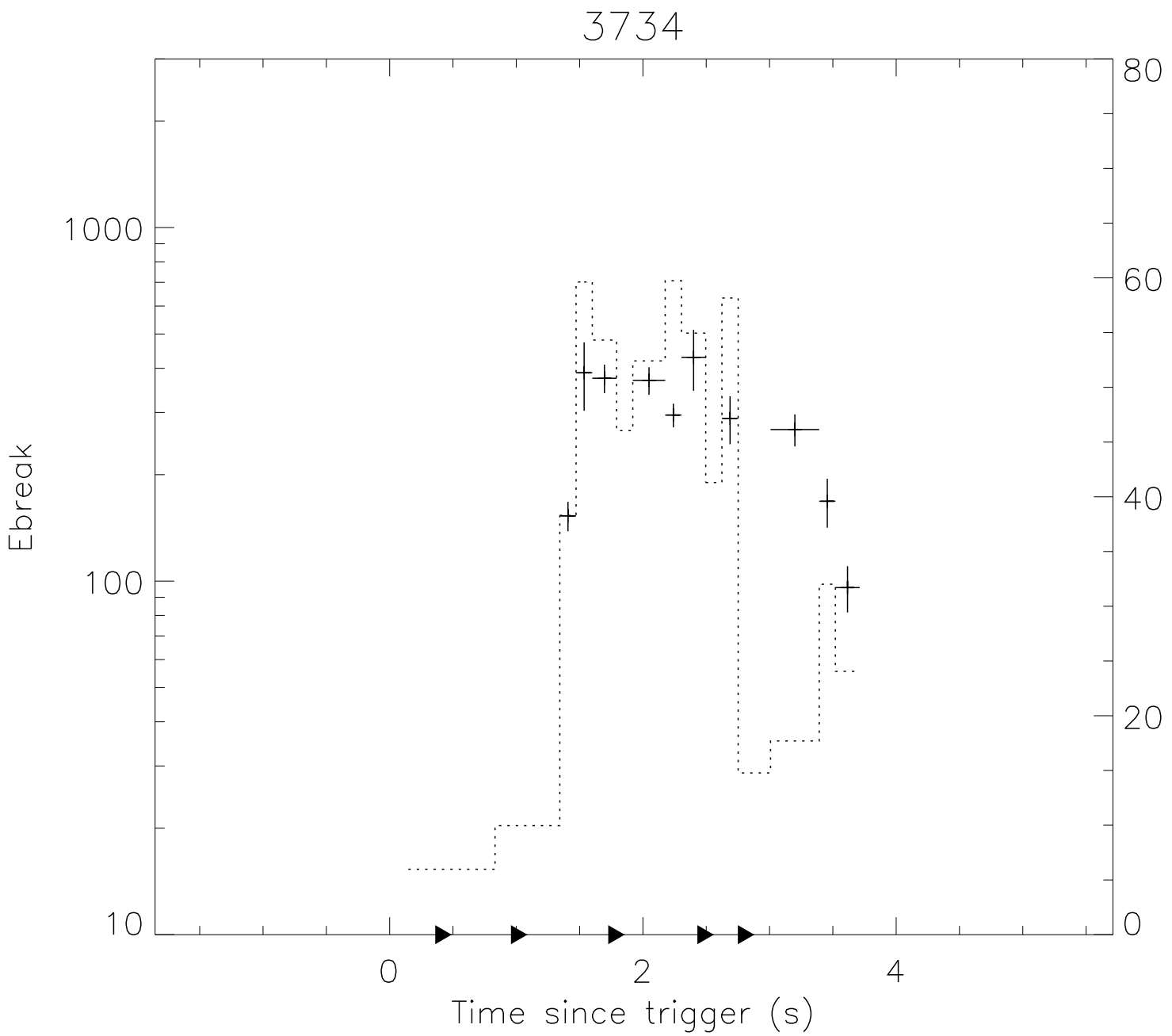

3634
Ebreak
1000
100
10
0
20
40
60
80
100
120
Time since trigger (s)
5
4
3
2
1
0

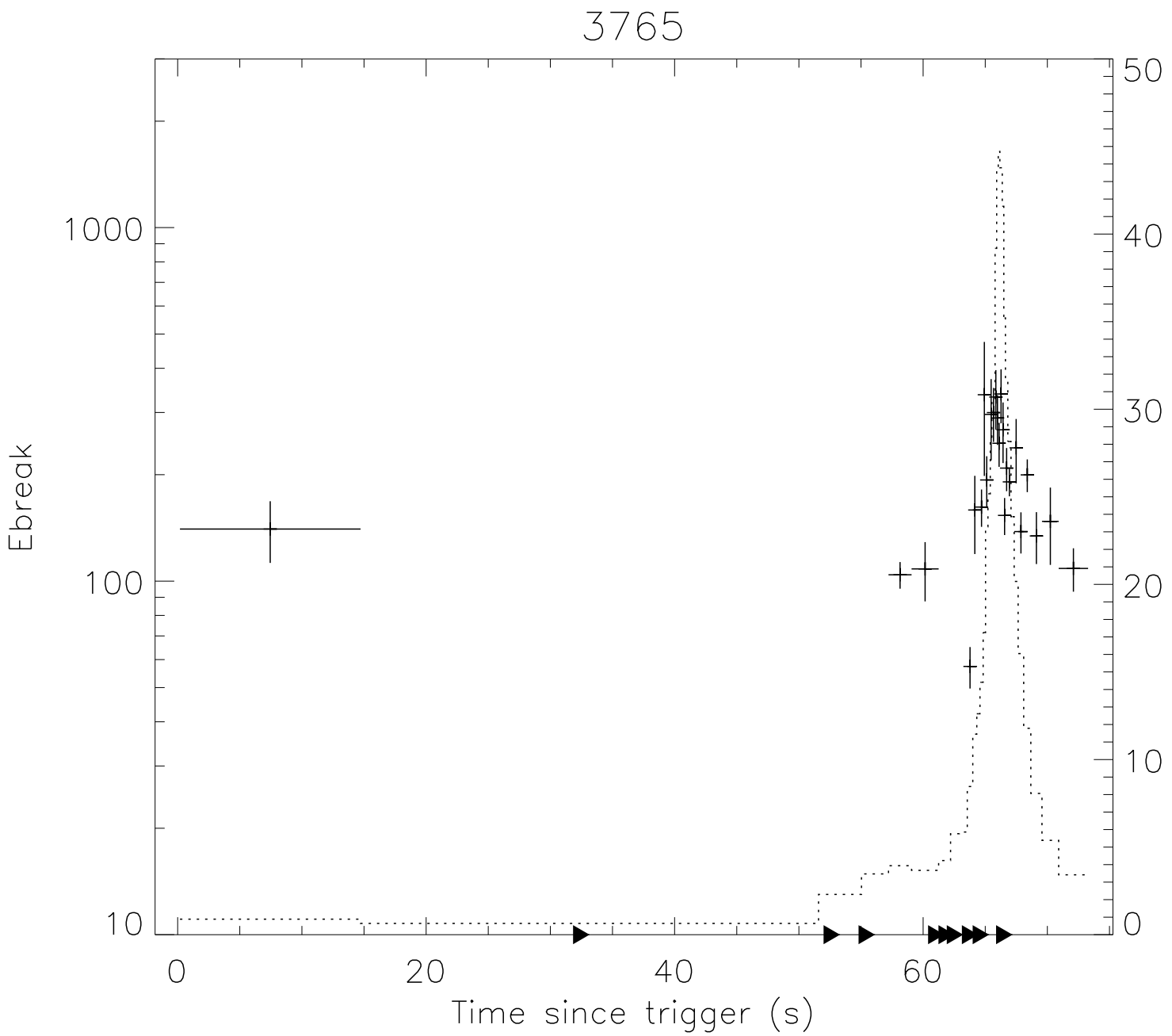

3657
Ebreak
1000
100
10
0
10
20
30
Time since trigger (s)
60
50
40
30
20
10
0

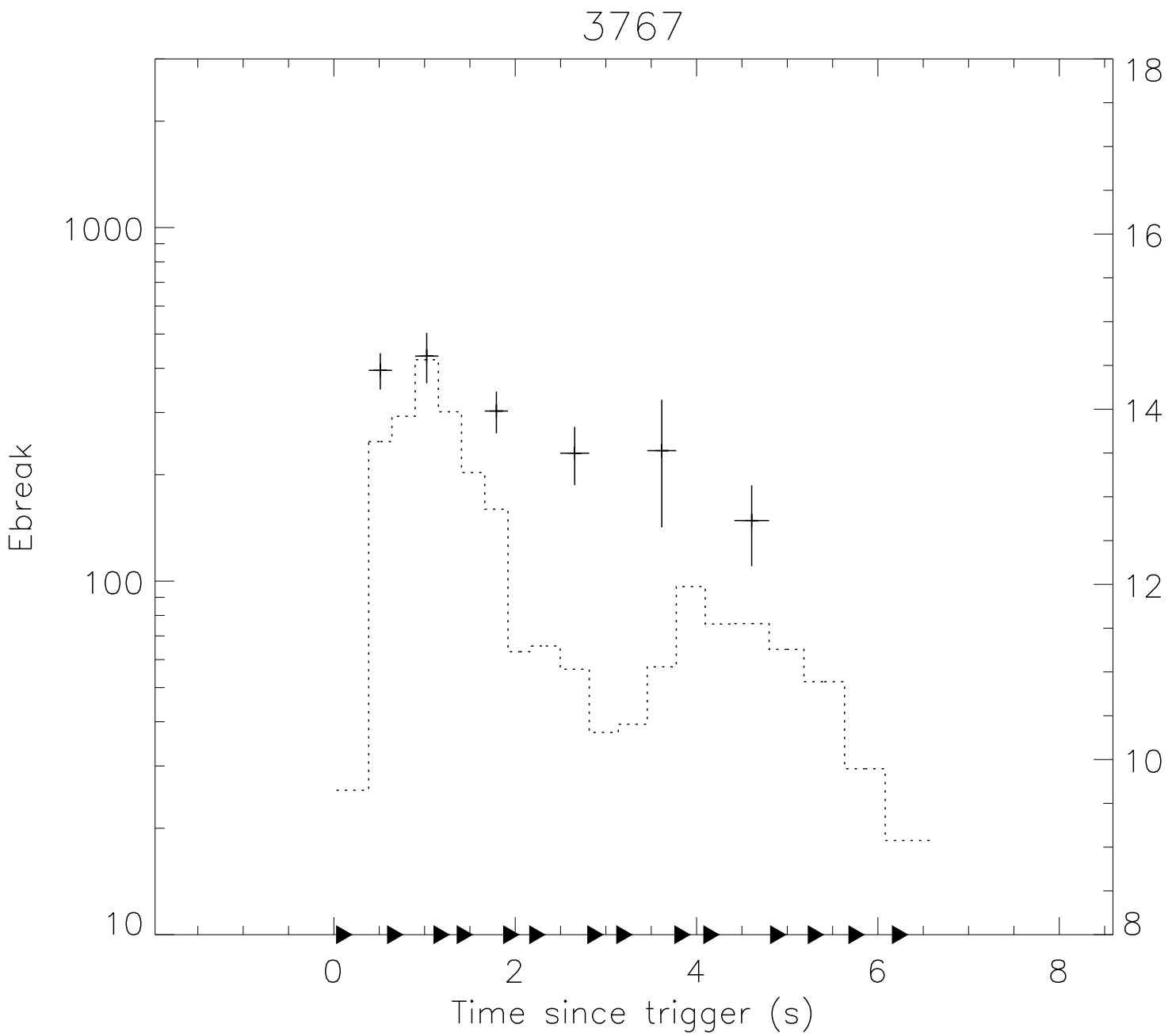

3658
Ebreak
1000
100
10
25
20
15
10
5
0
0
2
4
6
8
10
12
Time since trigger (s)

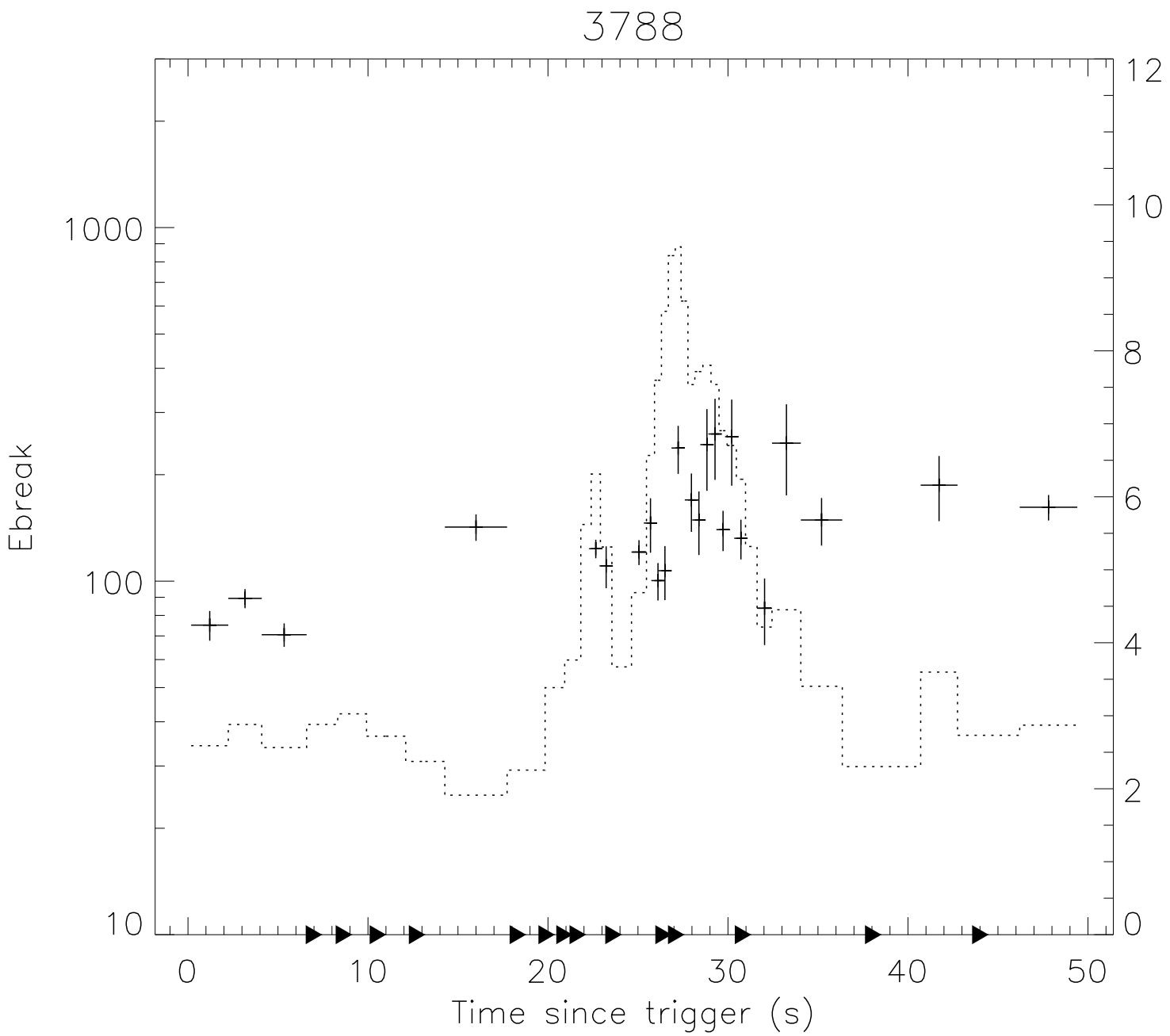

3662
Ebreak
1000
100
10
0
5
10
15
20
25
30
Time since trigger (s)
7
6
5
4
3
2
1
0

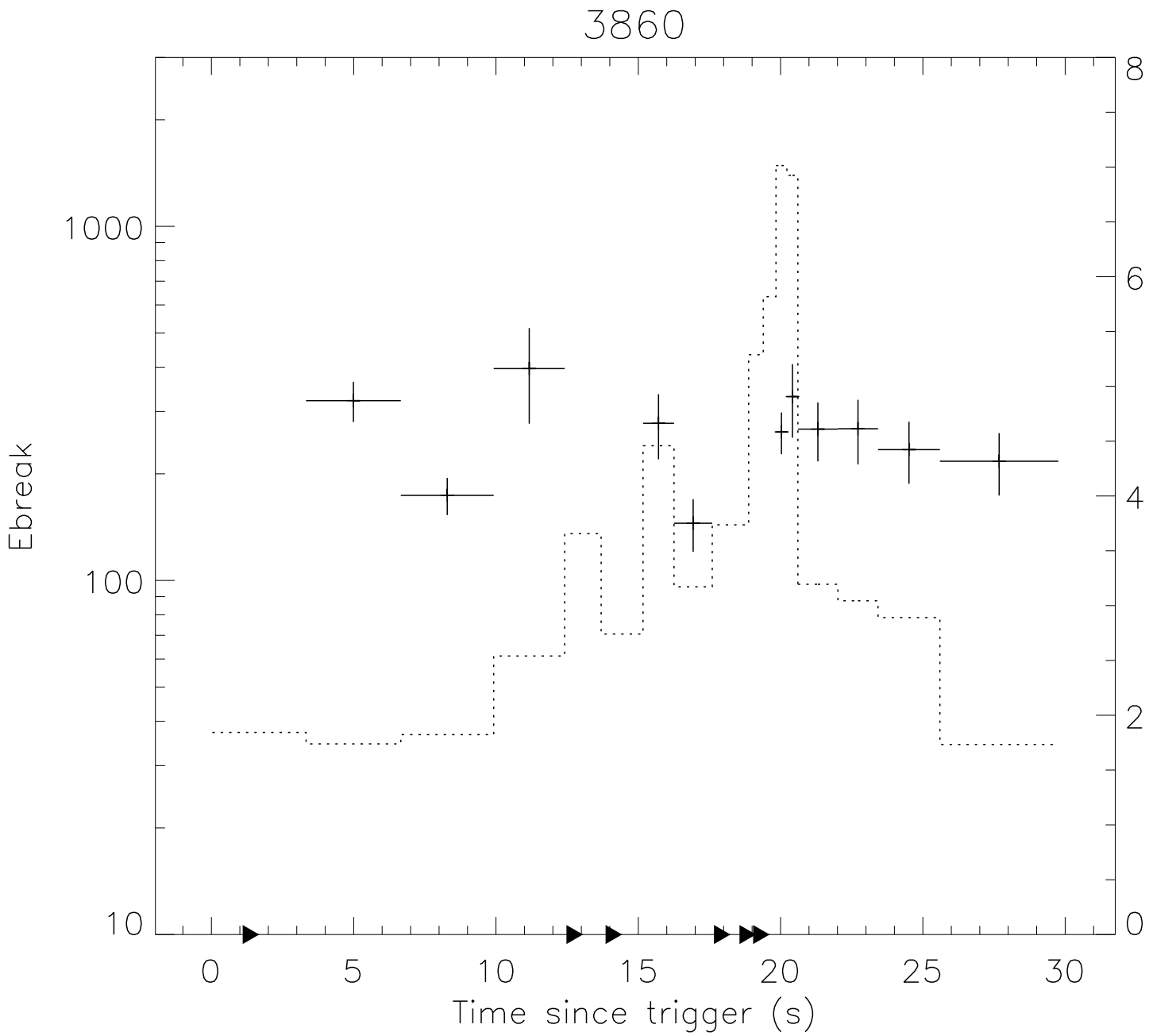

3663
Ebreak
1000
100
10
0
50
100
150
Time since trigger (s)
5
4
3
2
1
0

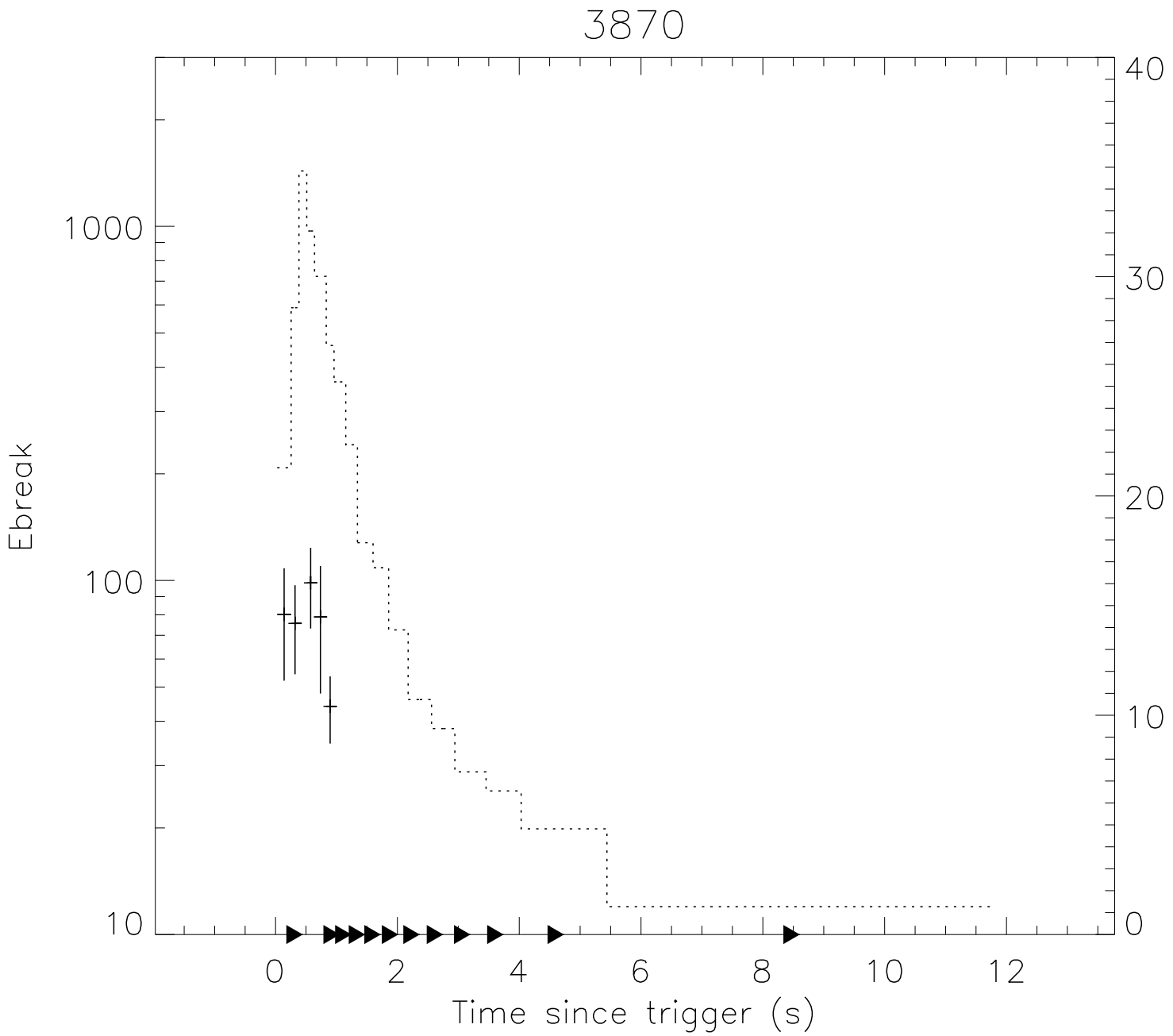

3734
1000
100
10
Ebreak
80
60
40
20
0
0
2
4
Time since trigger (s)

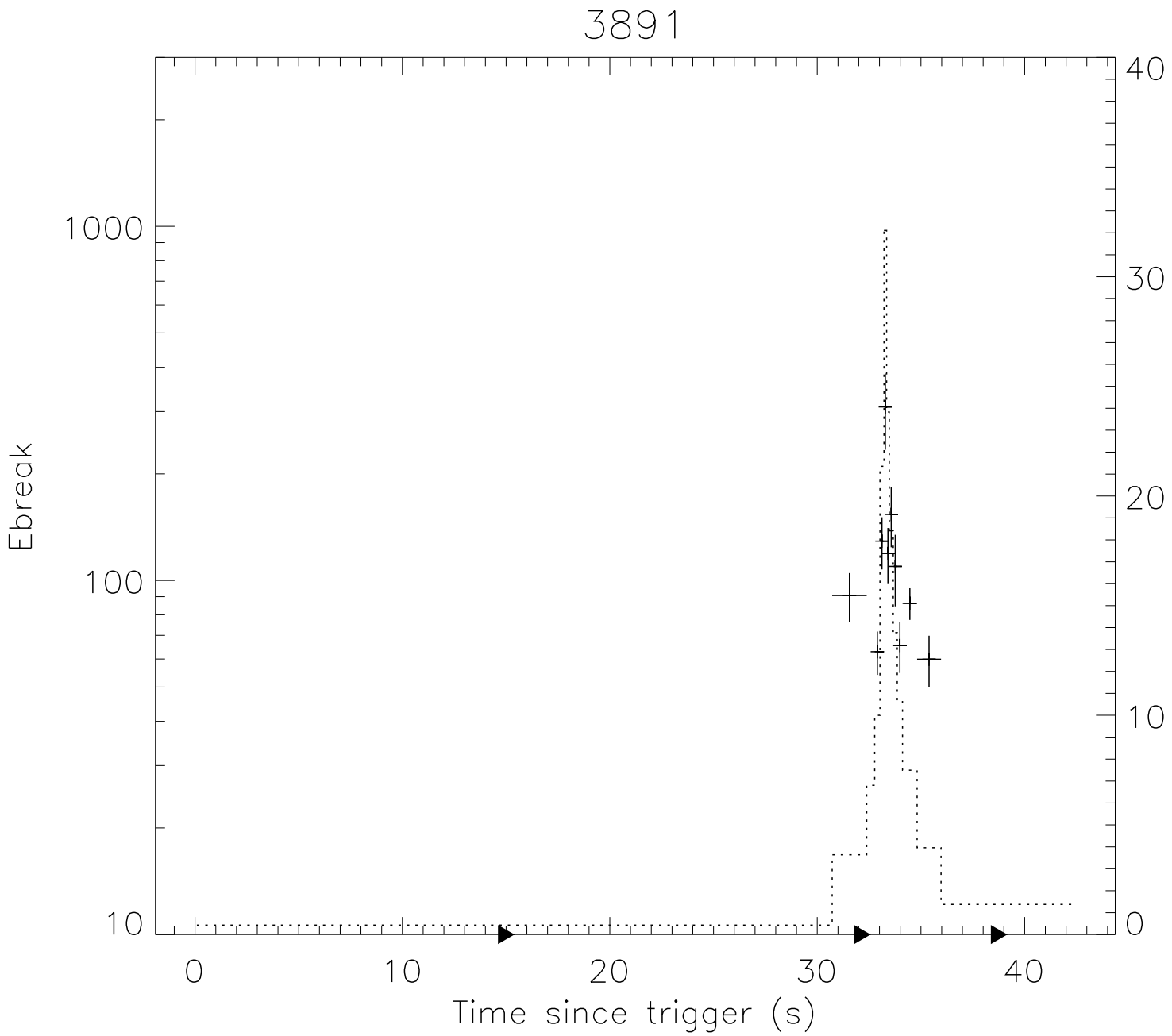

3765
1000
100
10
Ebreak
50
40
30
20
10
0
0
20
40
60
Time since trigger (s)

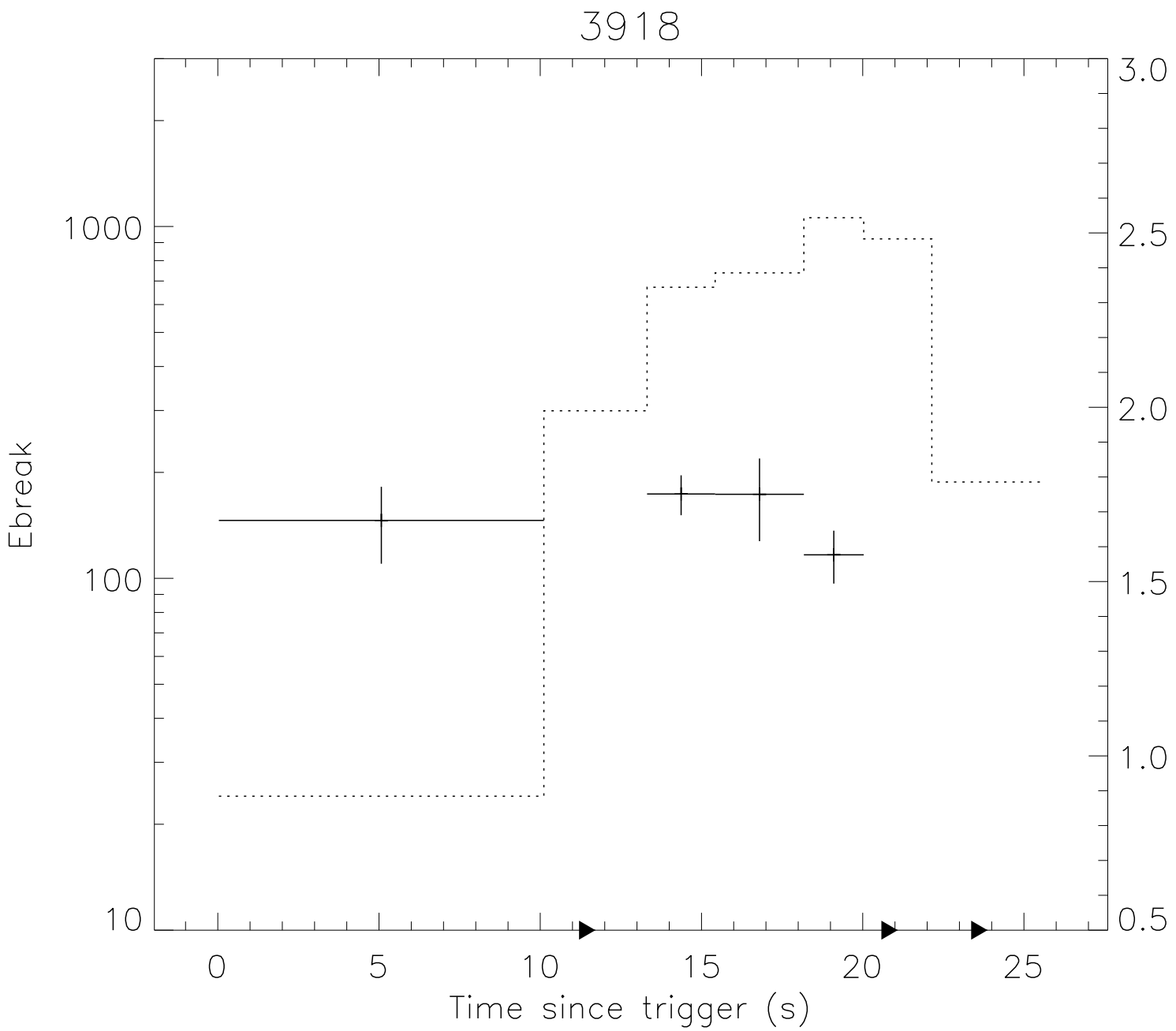

3767
1000
100
10
Ebreak
18
16
14
12
10
8
0
2
4
6
8
Time since trigger (s)

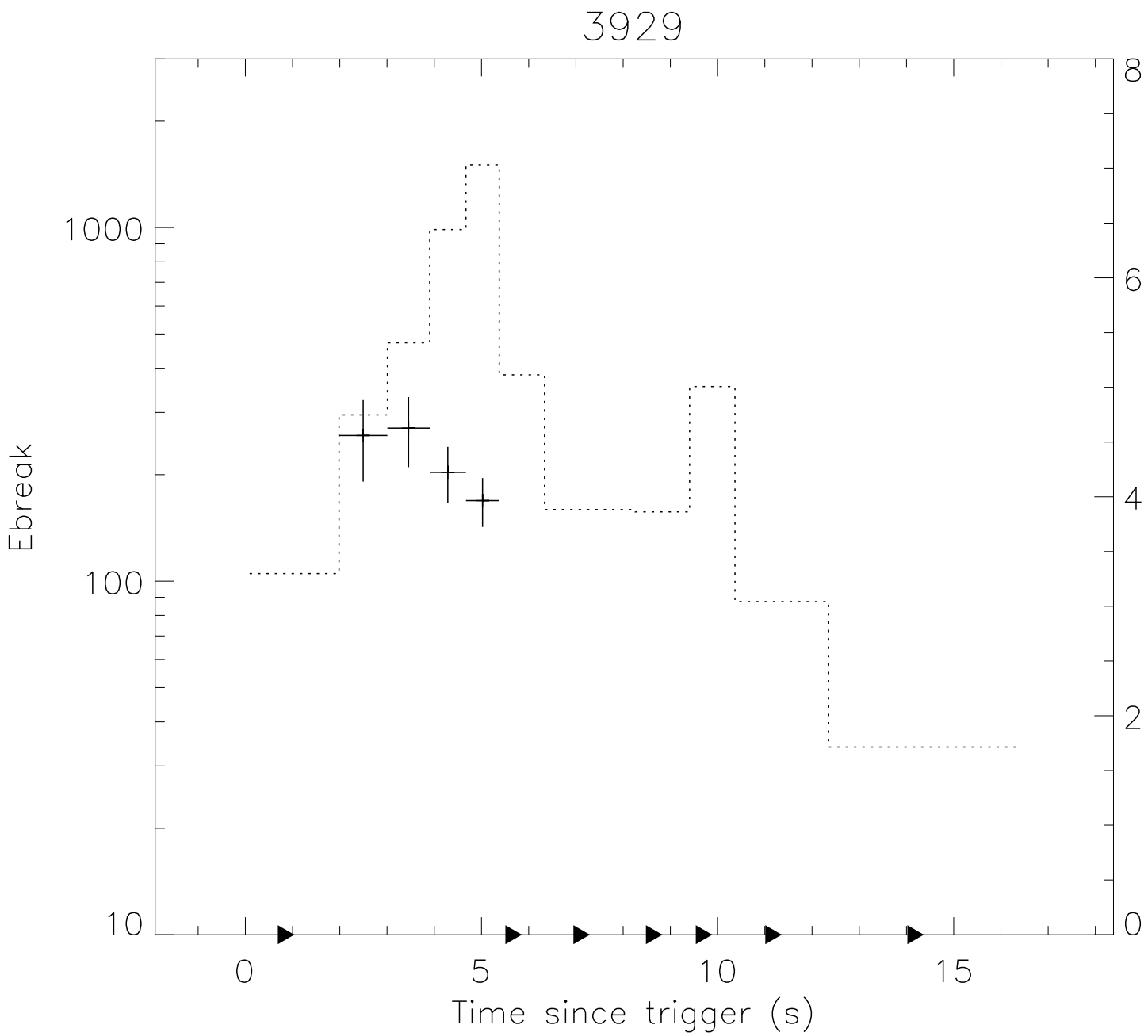

3788
Ebreak
1000
100
10
0
10
20
30
40
50
Time since trigger (s)
12
10
8
6
4
2
0

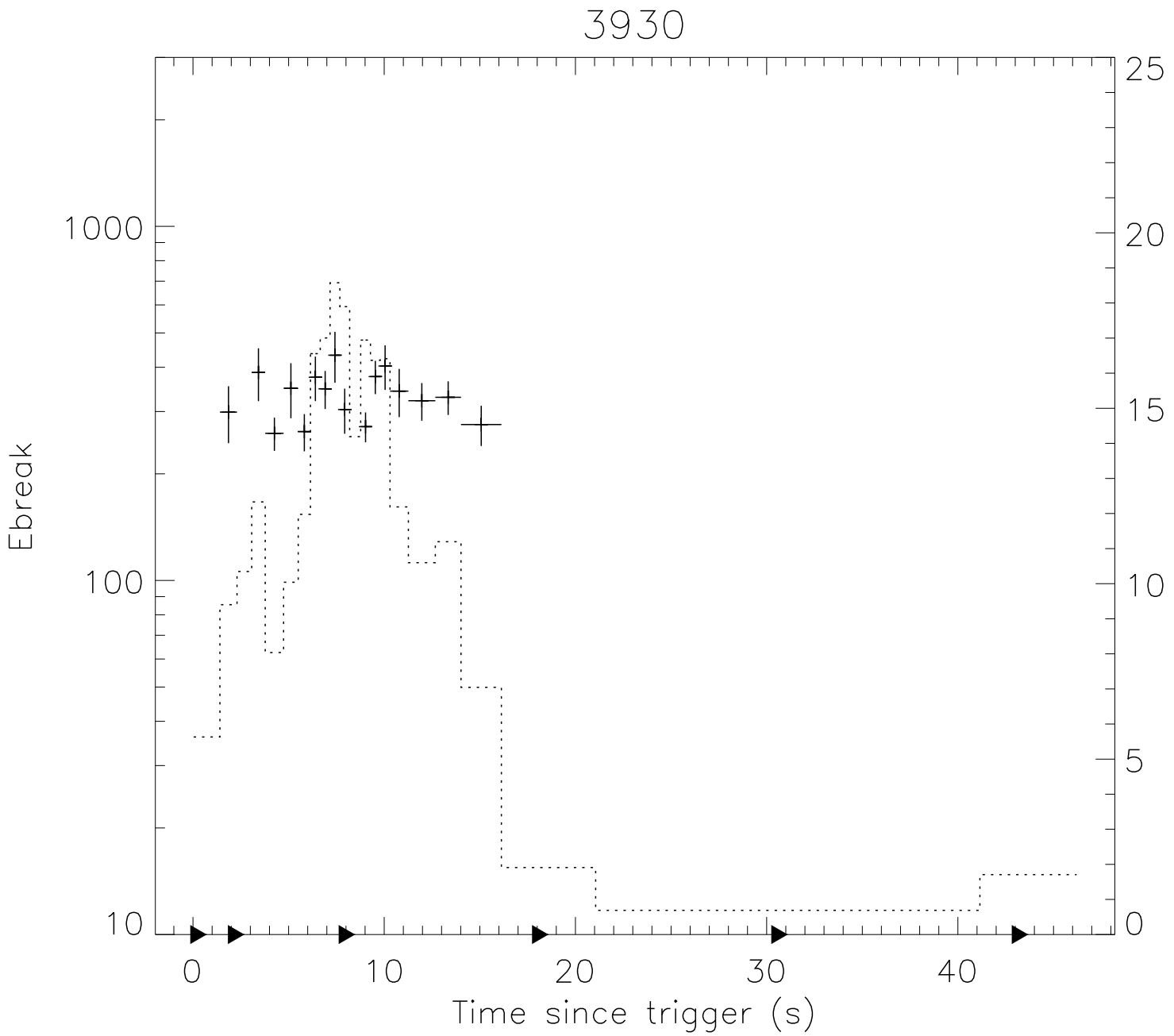

3860
Ebreak
1000
100
10
8
6
4
2
0
0
5
10
15
20
25
30
Time since trigger (s)

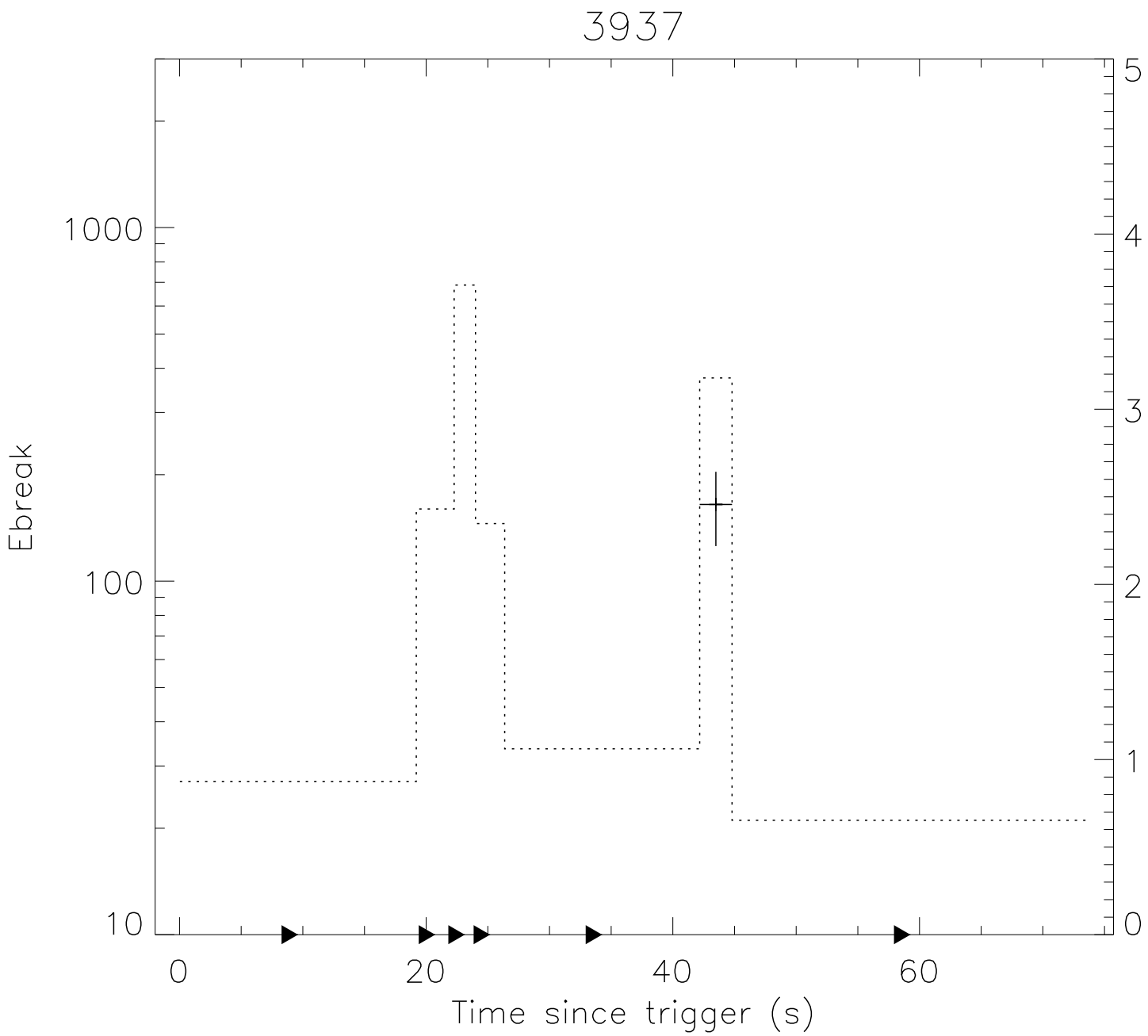

3870
Ebreak
1000
100
10
40
30
20
10
0
0
2
4
6
8
10
12
Time since trigger (s)

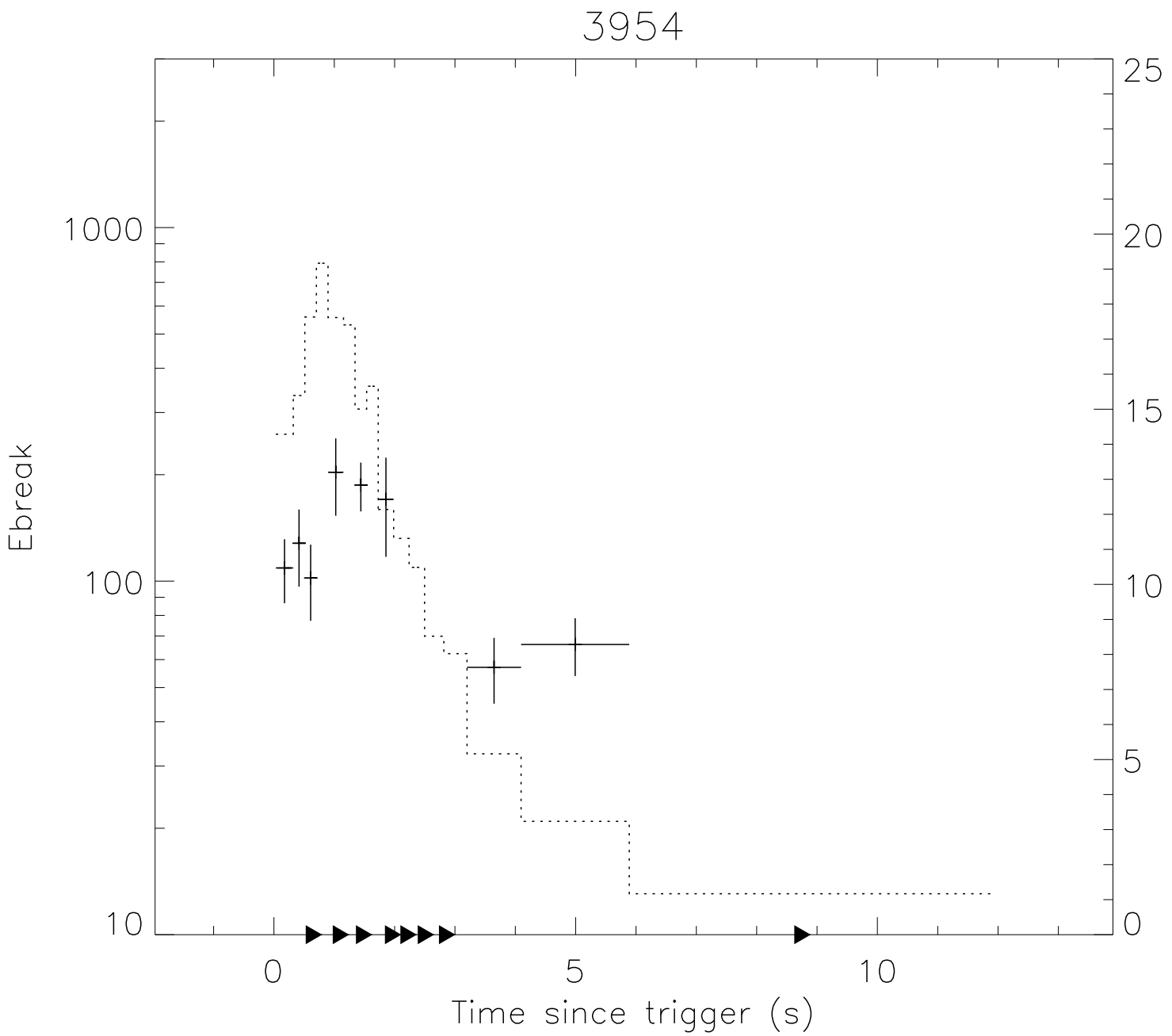

3891
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
40
30
20
10
0

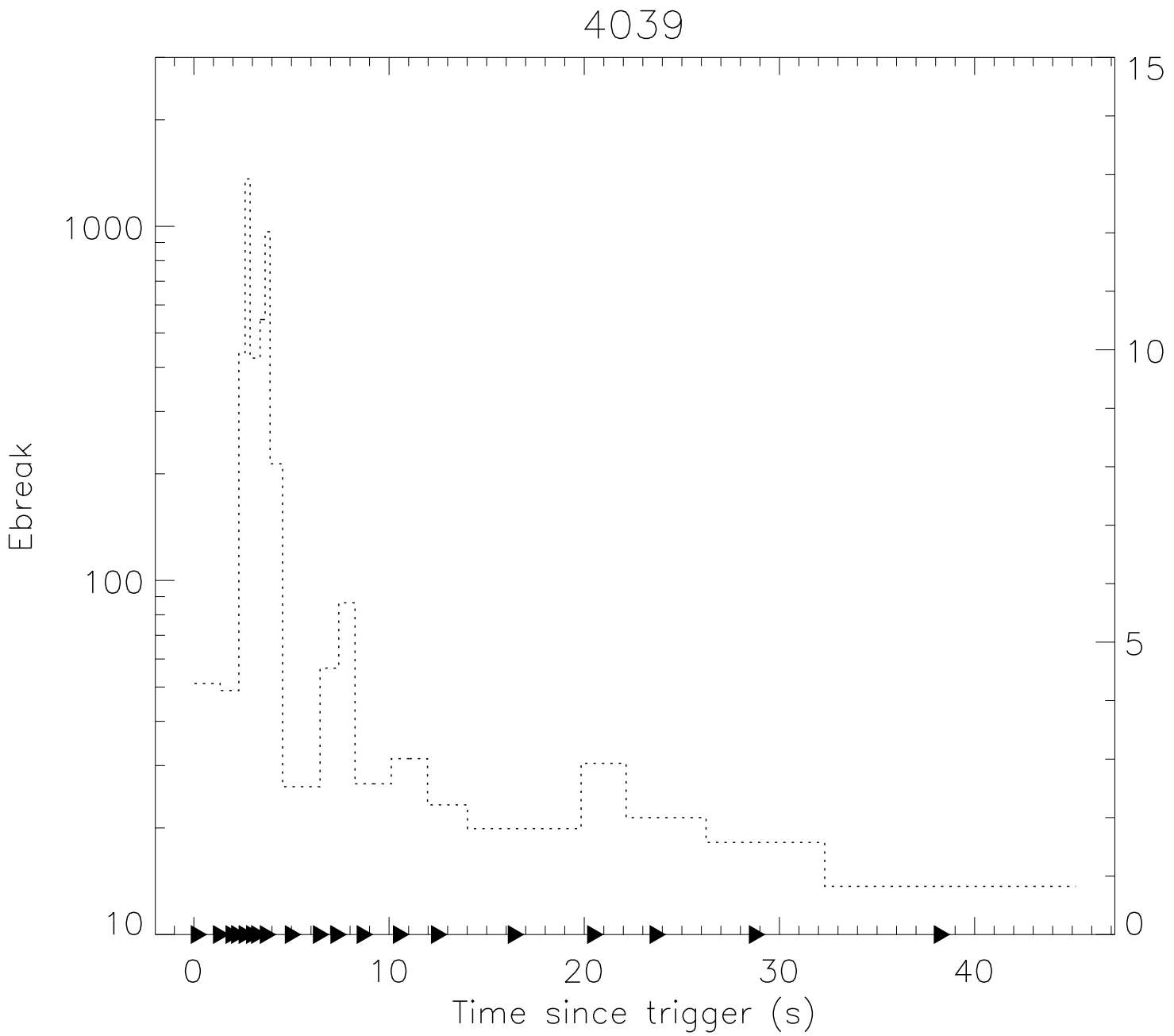

3918
Ebreak
1000
100
10
3.0
2.5
2.0
1.5
1.0
0.5
0
5
10
15
20
25
Time since trigger (s)

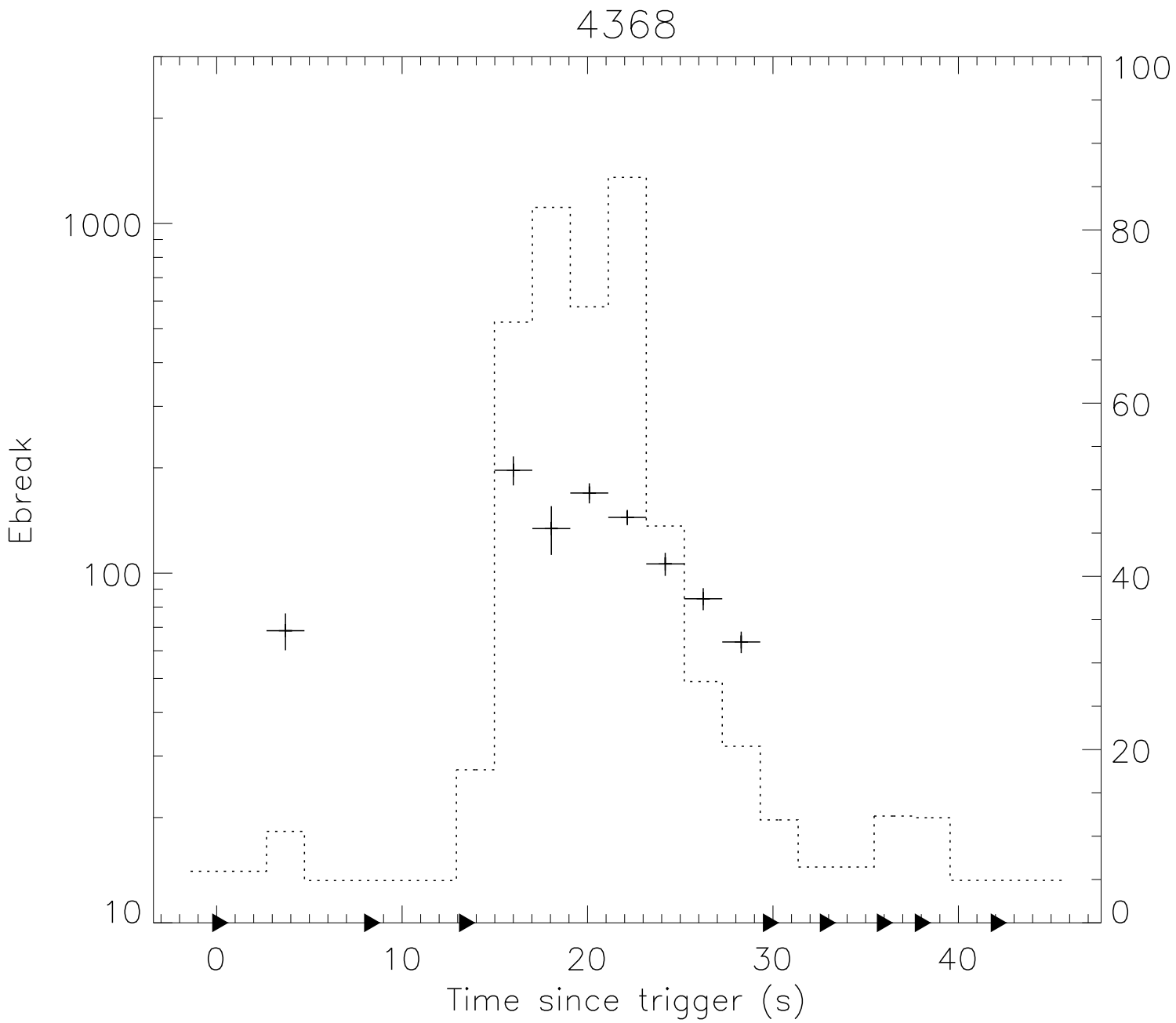

3929
1000
100
10
Ebreak
8
6
4
2
0
0
5
10
15
Time since trigger (s)

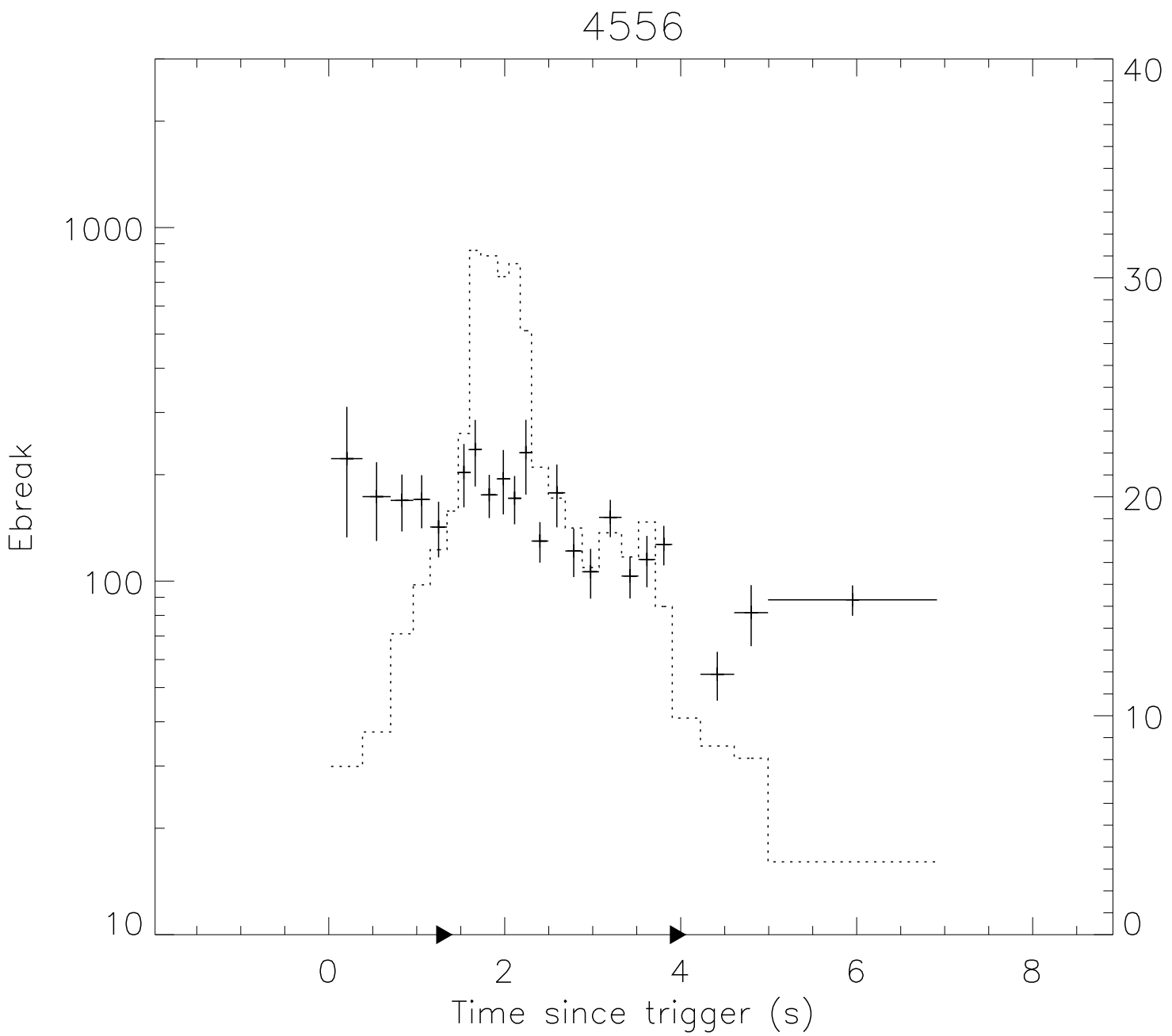

3930
Ebreak
1000
100
10
25
20
15
10
5
0
0
10
20
30
40
Time since trigger (s)

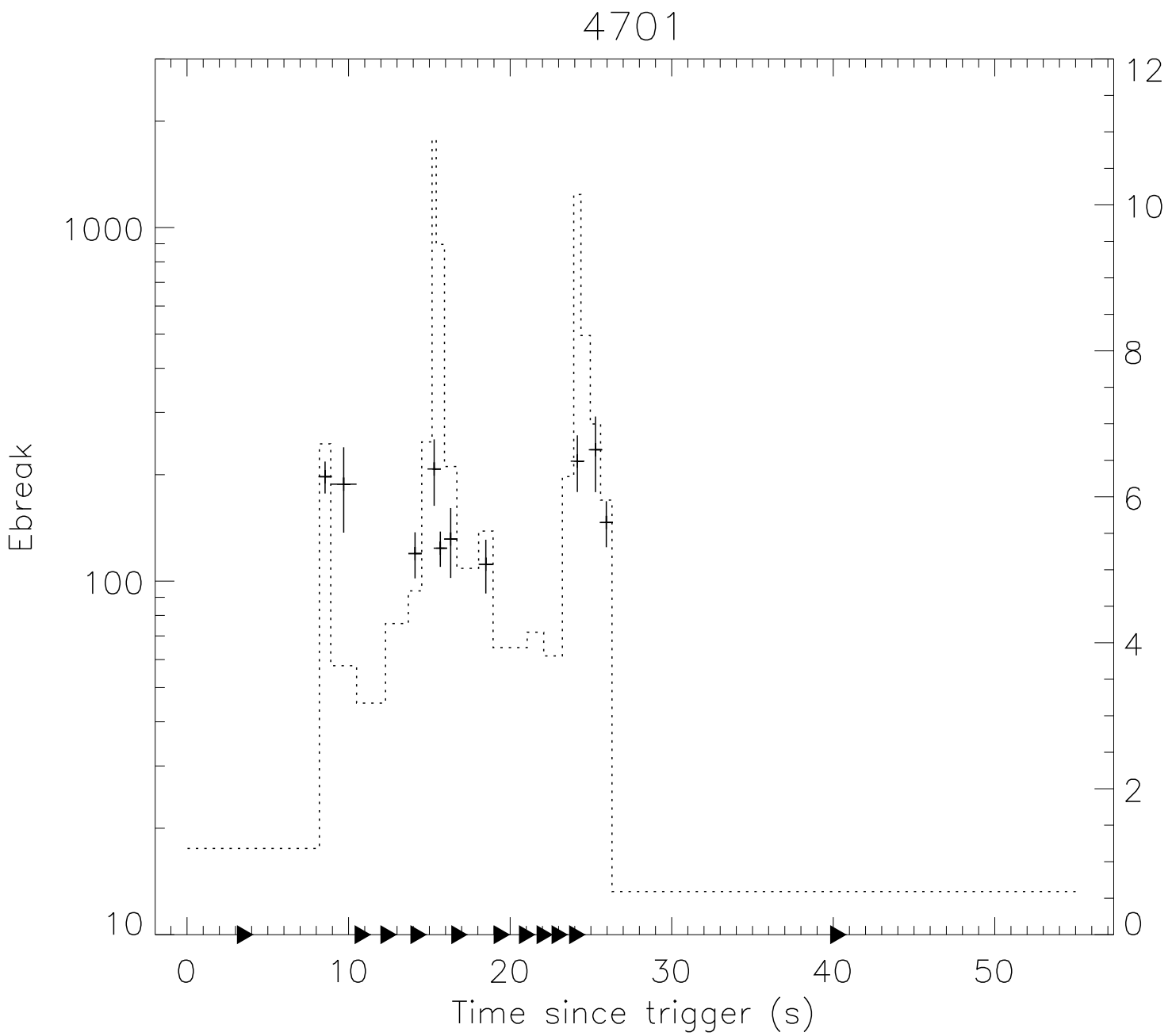

3937
1000
100
10
Ebreak
0
20
40
60
Time since trigger (s)
5
4
3
2
1
0

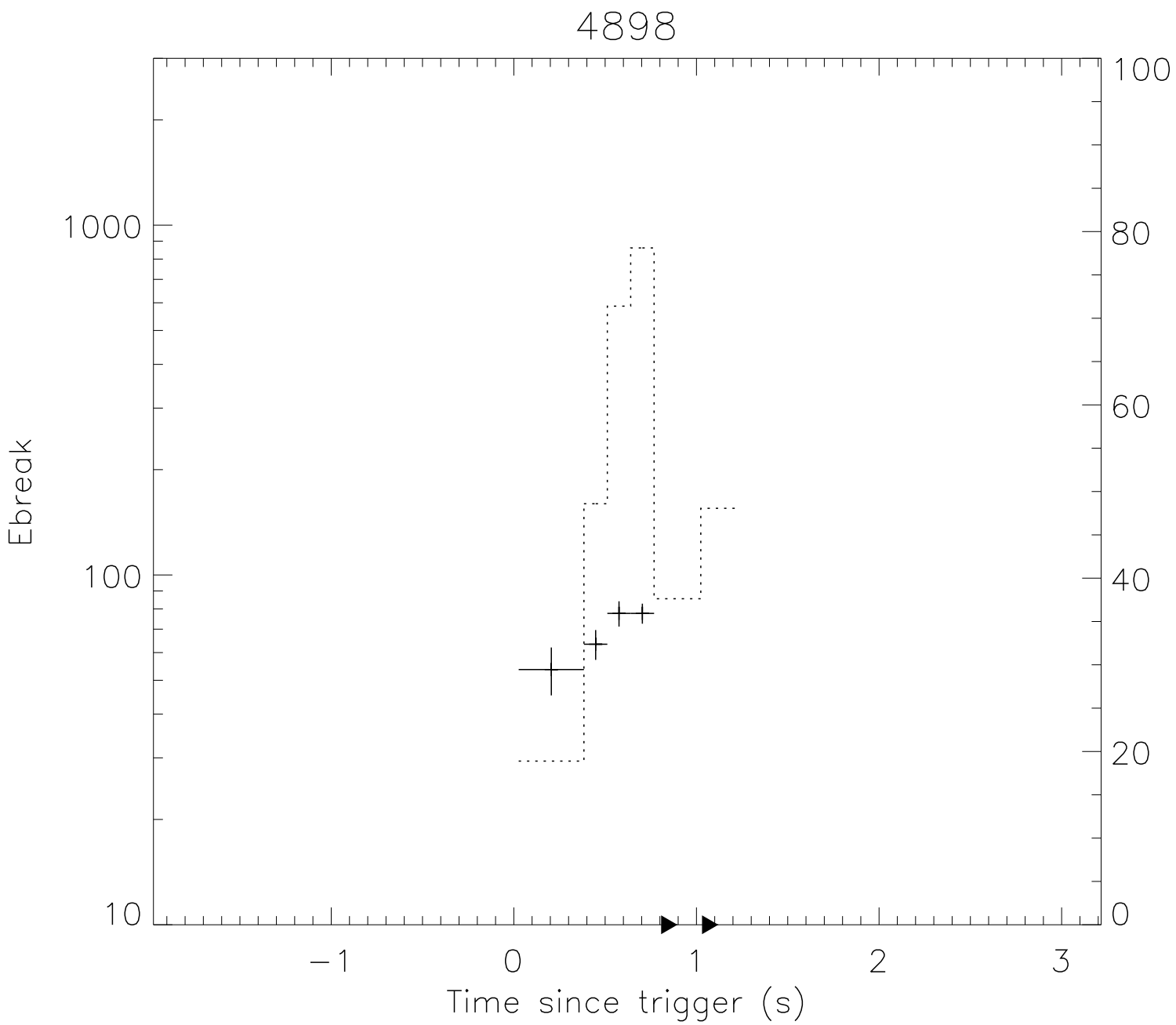

3954
Ebreak
1000
100
10
25
20
15
10
5
0
0
5
10
Time since trigger (s)

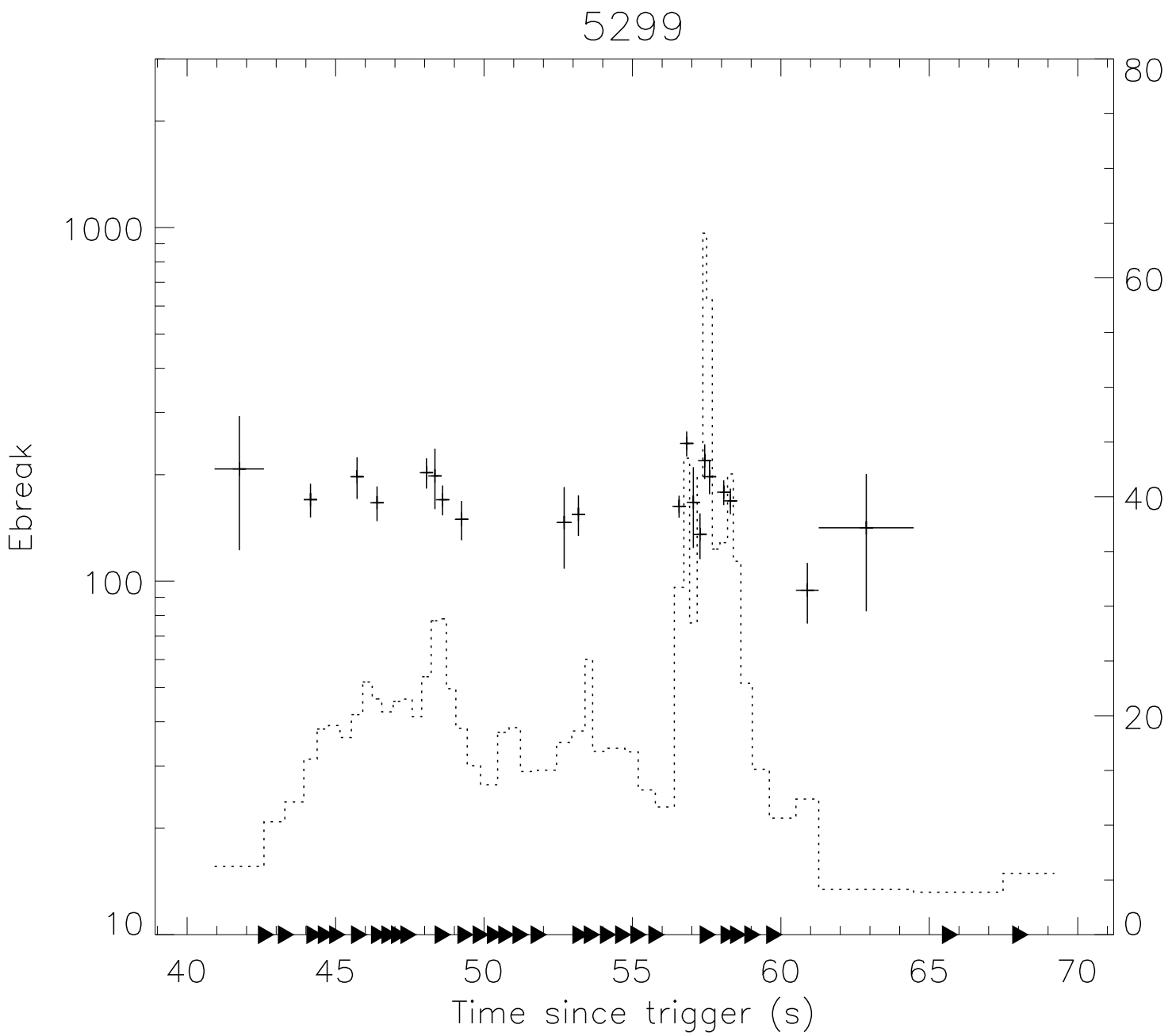

4039
Ebreak
1000
100
10
15
10
5
0
0
10
20
30
40
Time since trigger (s)

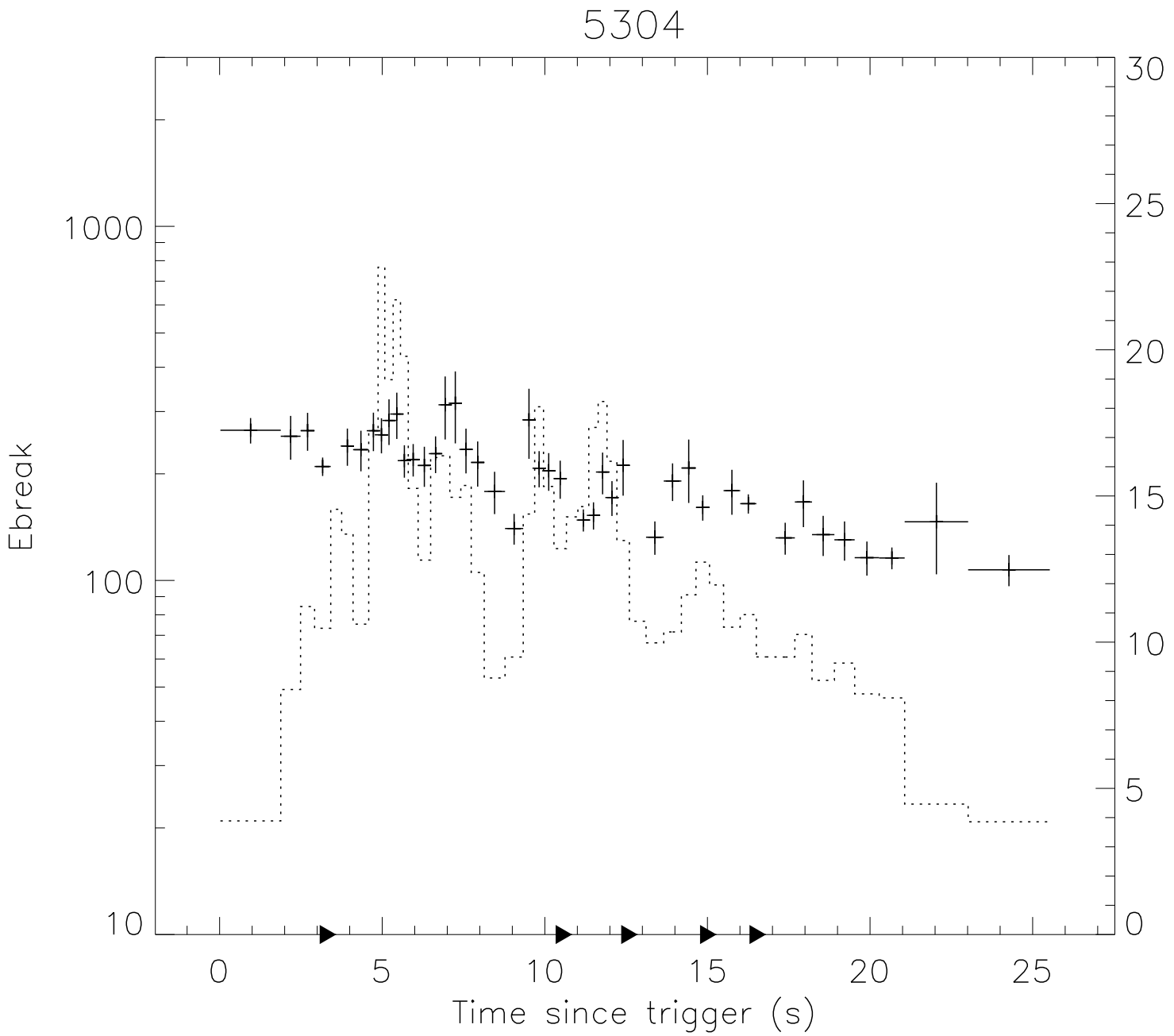

4368
Ebreak
1000
100
10
100
80
60
40
20
0
0
10
20
30
40
Time since trigger (s)

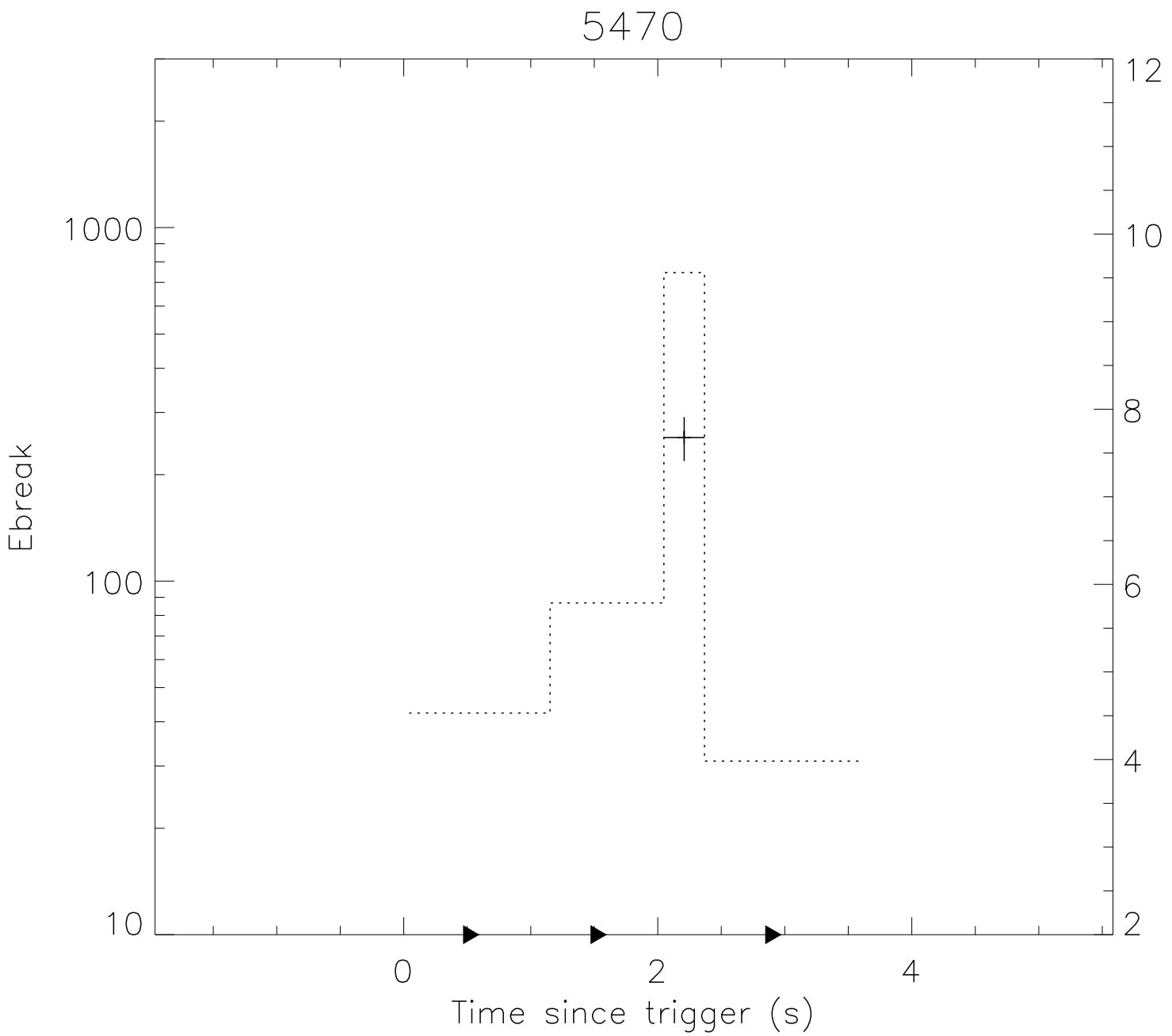

4556
1000
100
10
Ebreak
40
30
20
10
0
0
2
4
6
8
Time since trigger (s)

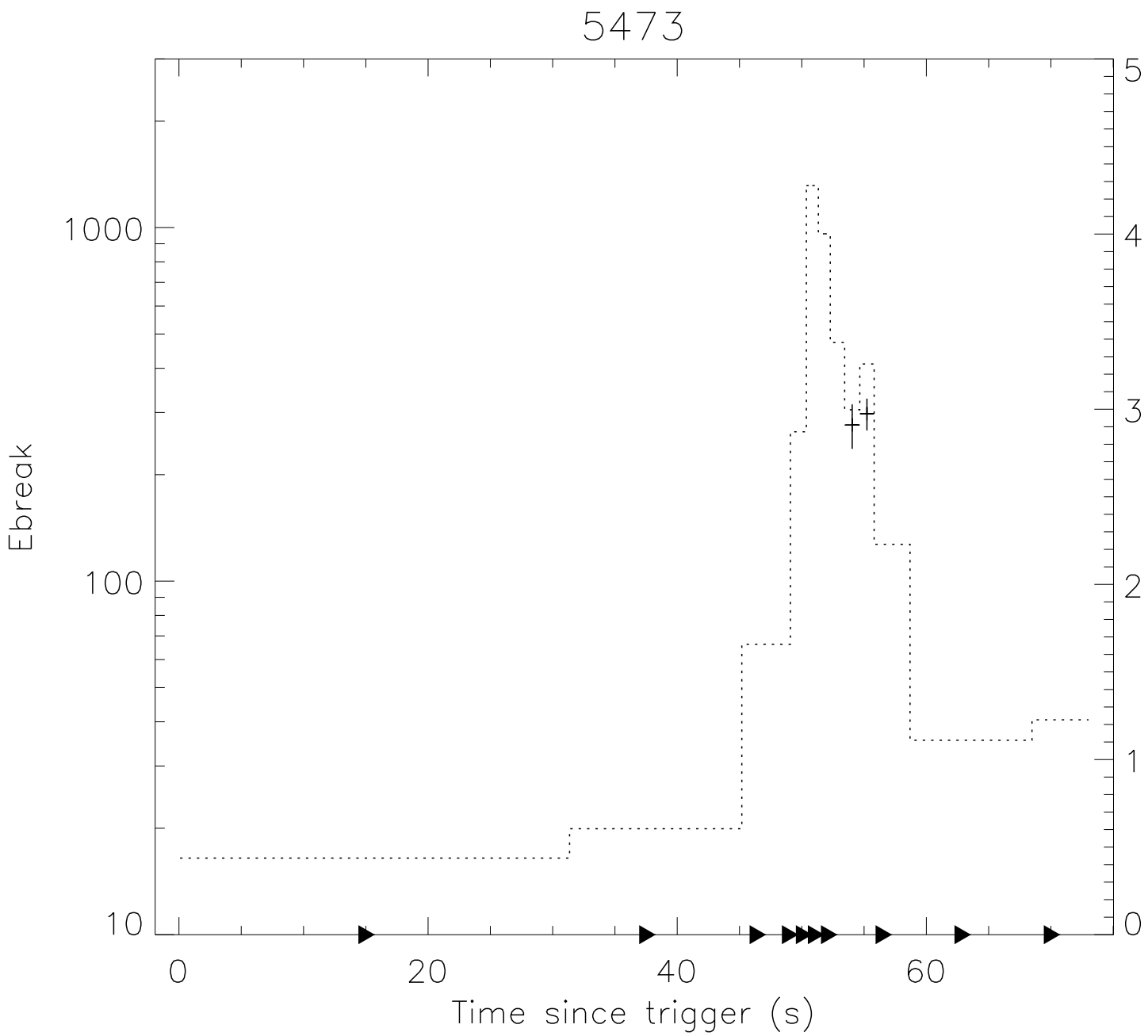

4701
Ebreak
1000
100
10
0
10
20
30
40
50
Time since trigger (s)
12
10
8
6
4
2
0

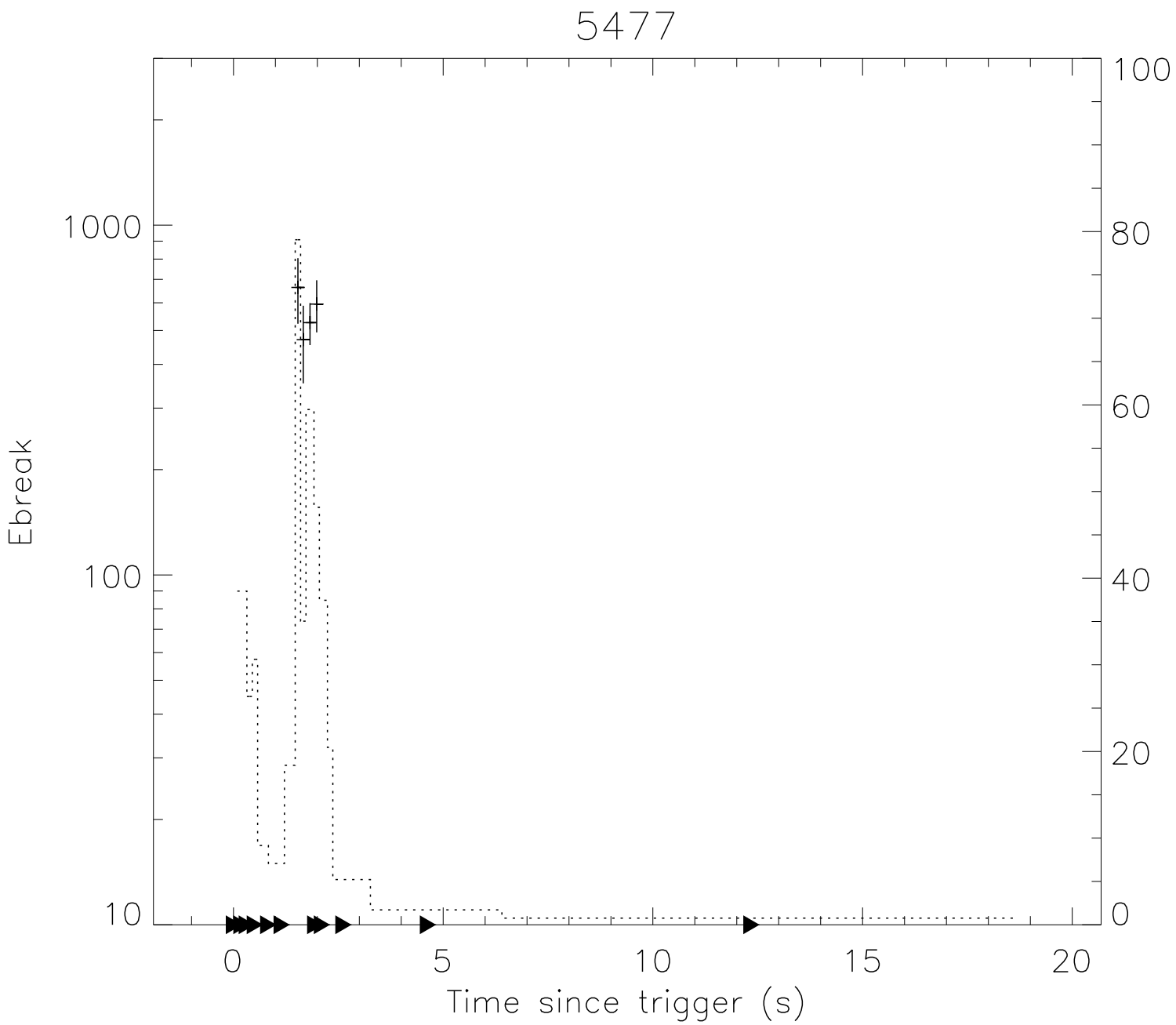

4898
Ebreak
1000
100
10
100
80
60
40
20
0
−1
0
1
2
3
Time since trigger (s)

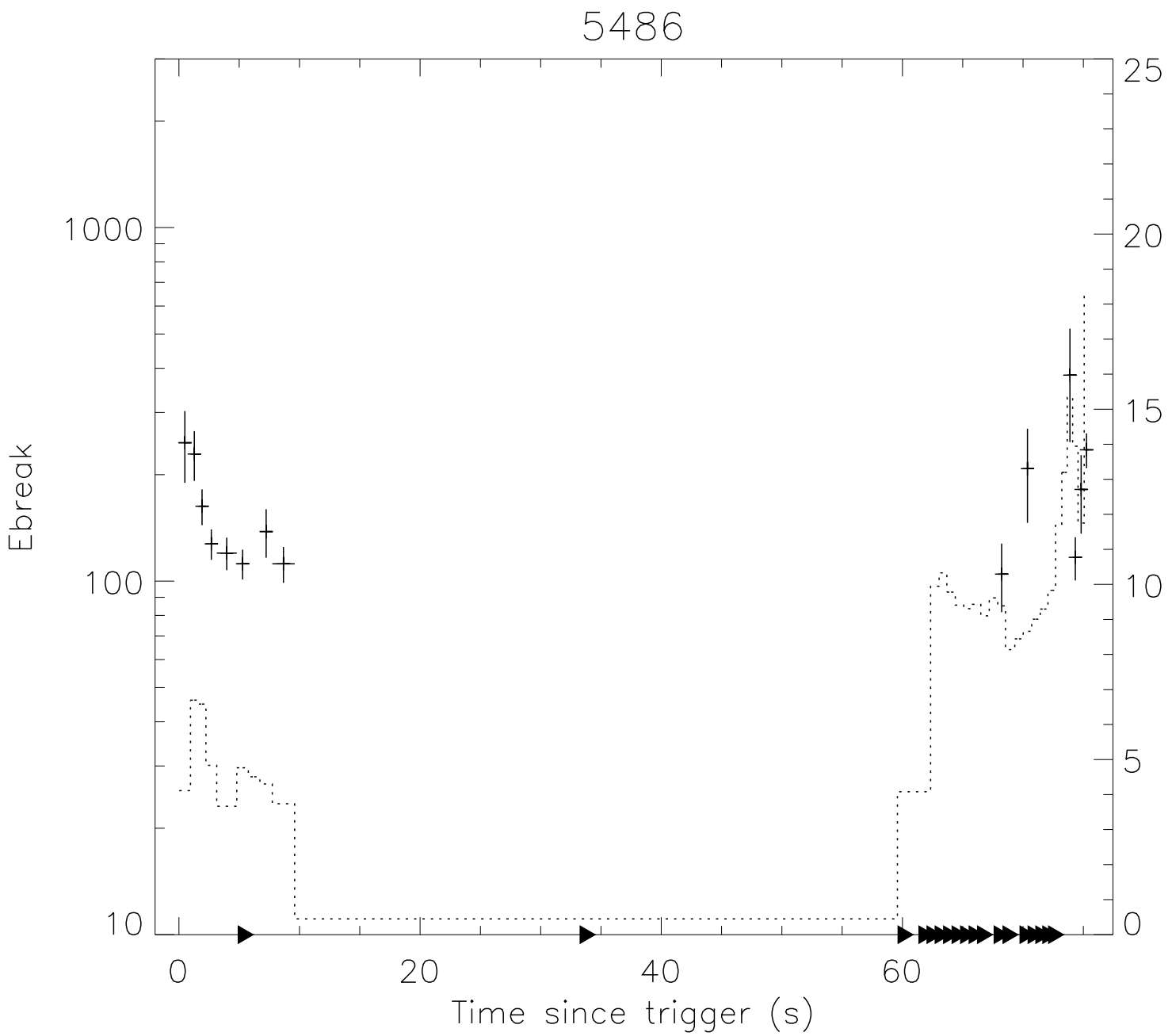

5299
Ebreak
1000
100
10
80
60
40
20
0
40
45
50
55
60
65
70
Time since trigger (s)

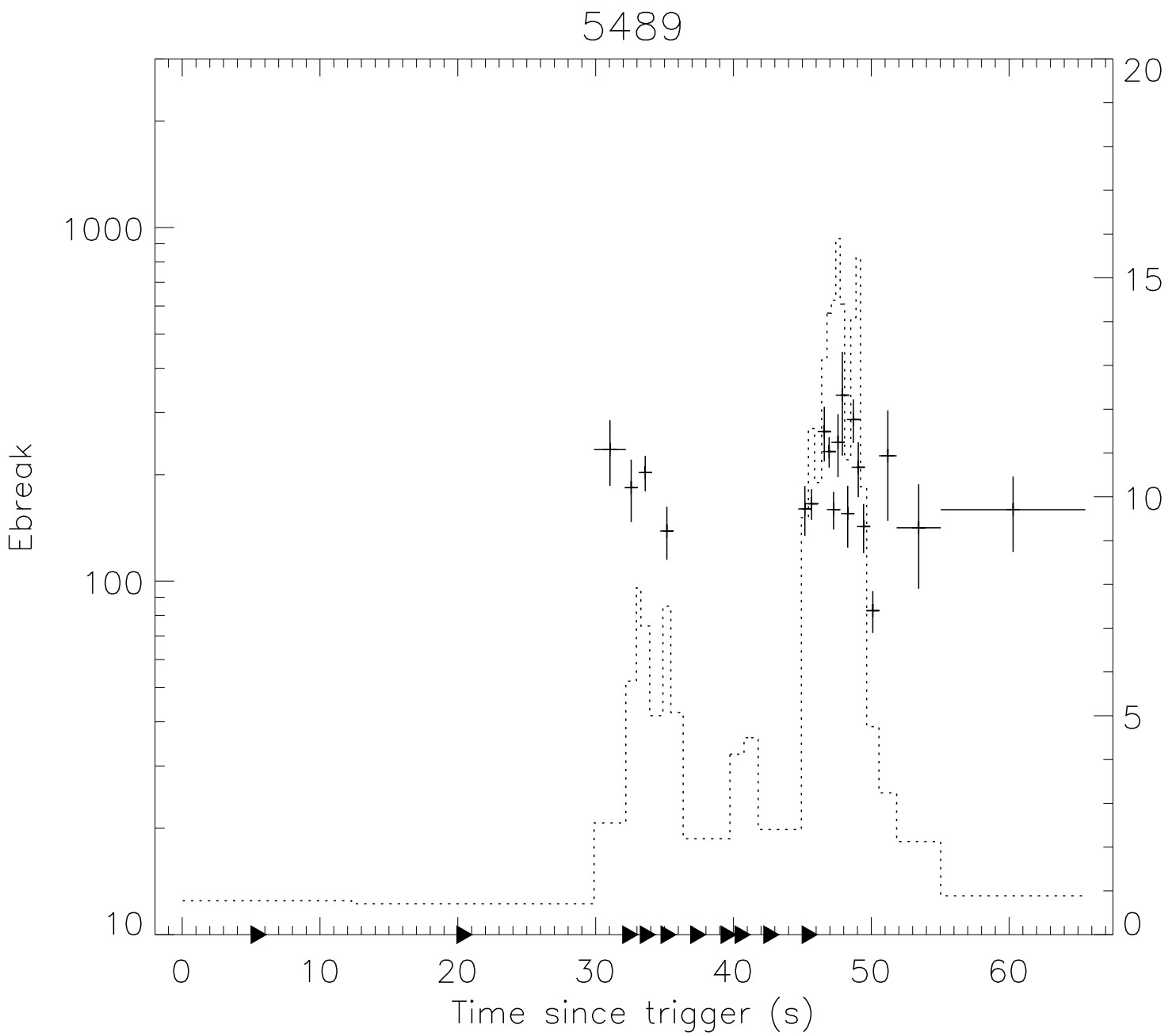

5304
Ebreak
1000
100
10
30
25
20
15
10
5
0
0
5
10
15
20
25
Time since trigger (s)

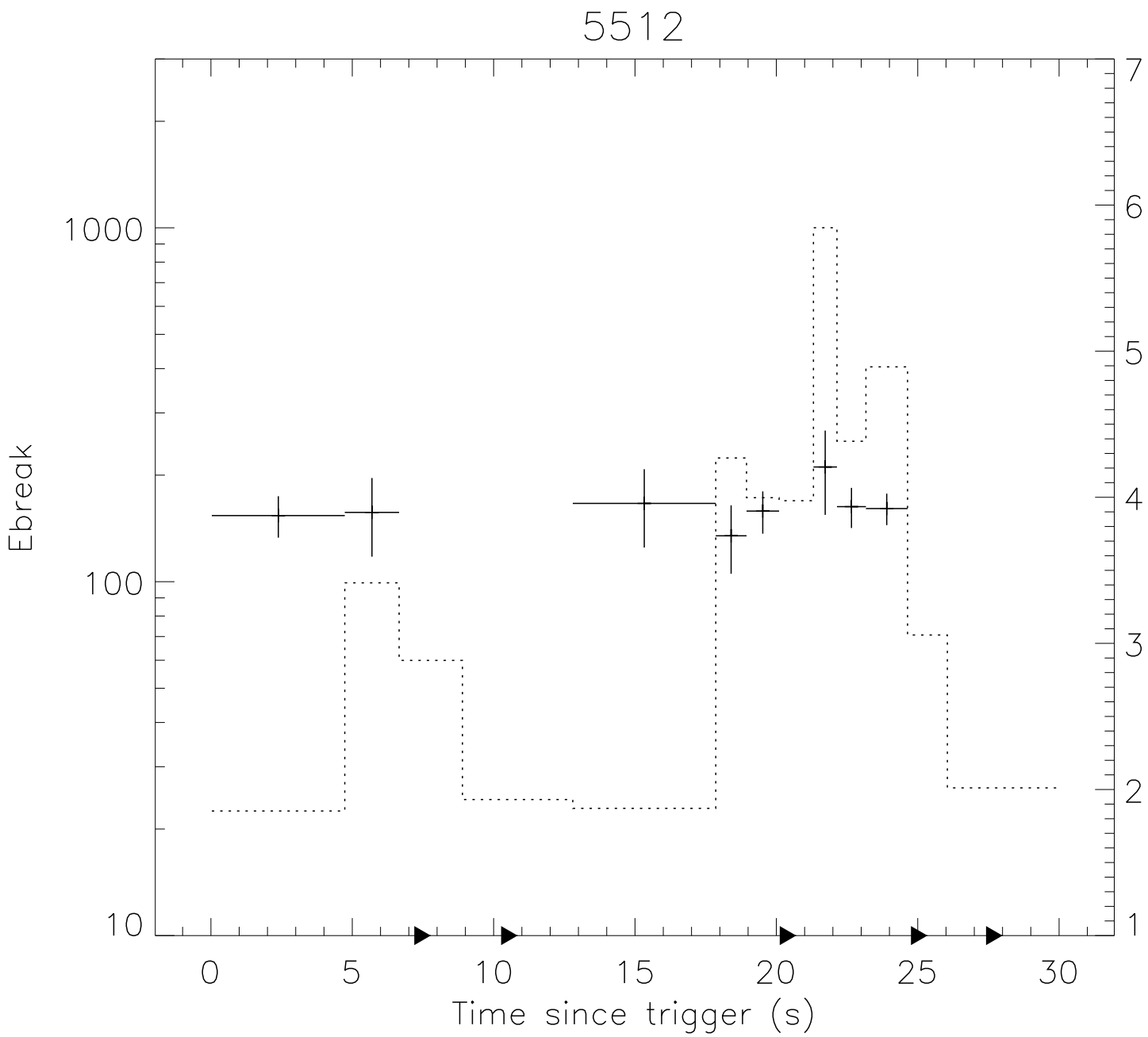

5470
1000
100
10
Ebreak
12
10
8
6
4
2
0
2
4
Time since trigger (s)

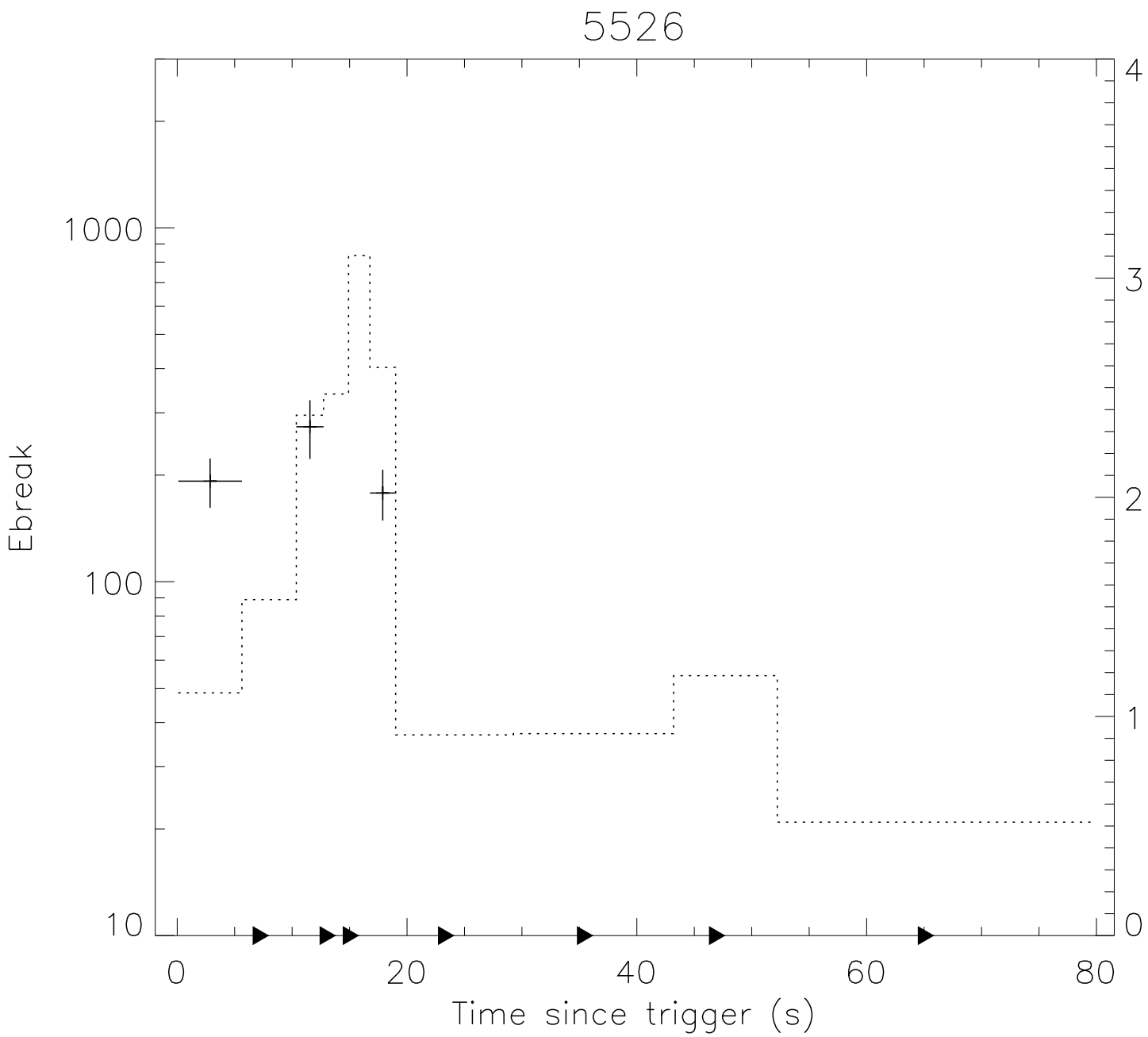

5473
1000
100
10
Ebreak
5
4
3
2
1
0
0
20
40
60
Time since trigger (s)

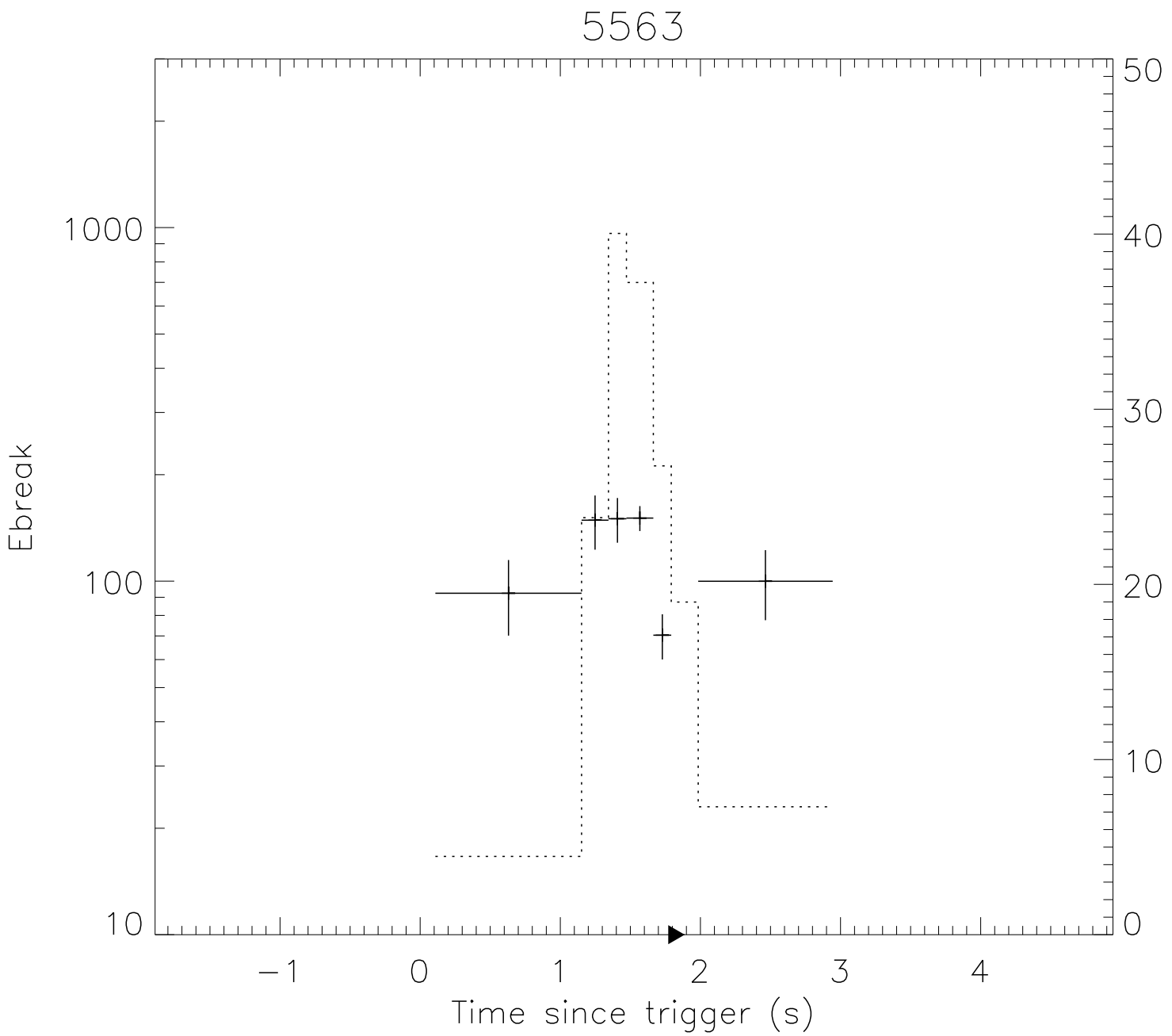

5477
1000
100
10
Ebreak
100
80
60
40
20
0
0
5
10
15
20
Time since trigger (s)

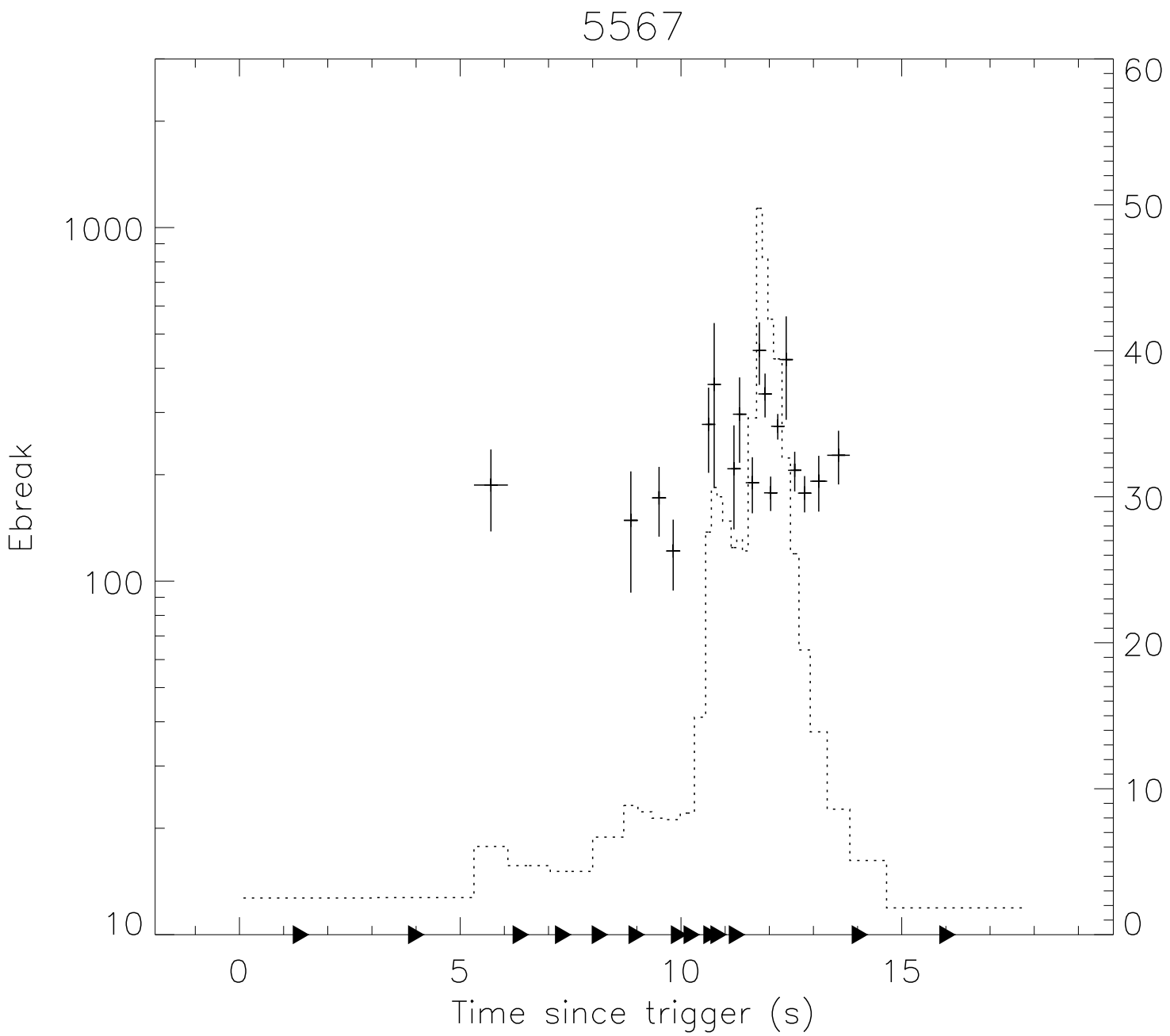

5486
Ebreak
1000
100
10
25
20
15
10
5
0
0
20
40
60
Time since trigger (s)

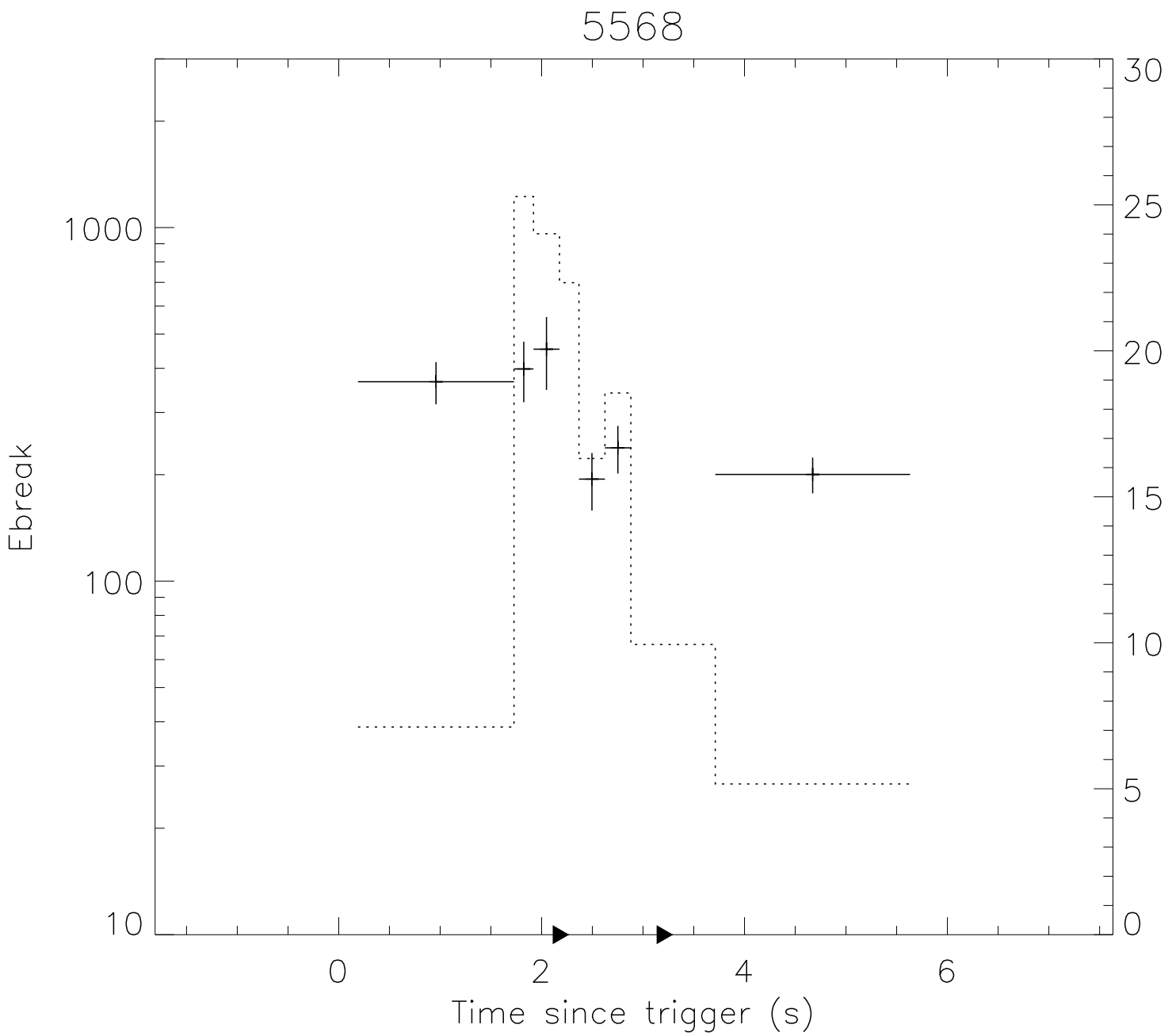

5489
Ebreak
1000
100
10
20
15
10
5
0
0
10
20
30
40
50
60
Time since trigger (s)

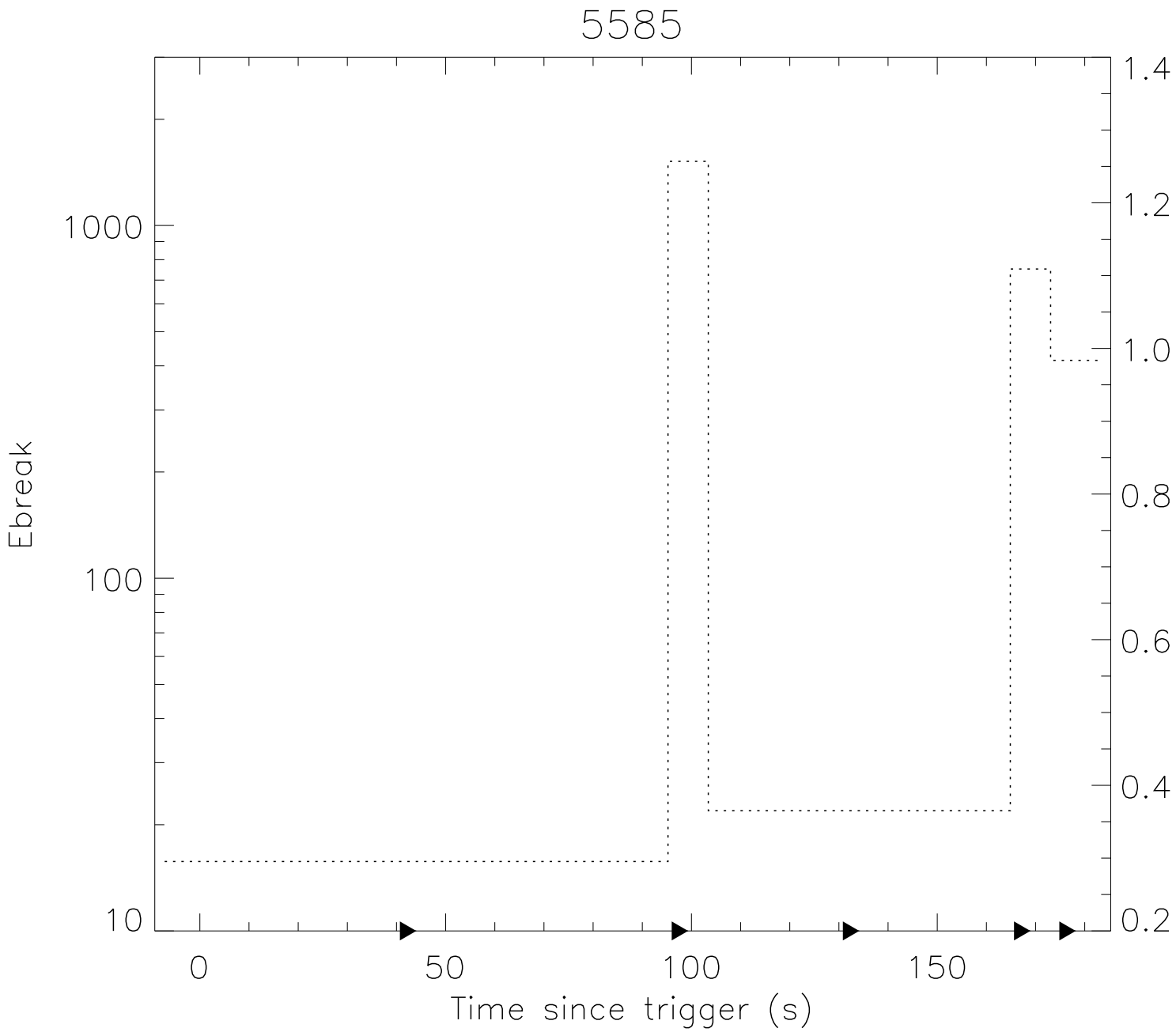

5512
1000
100
10
Ebreak
0
5
10
15
20
25
30
Time since trigger (s)
7
6
5
4
3
2
1

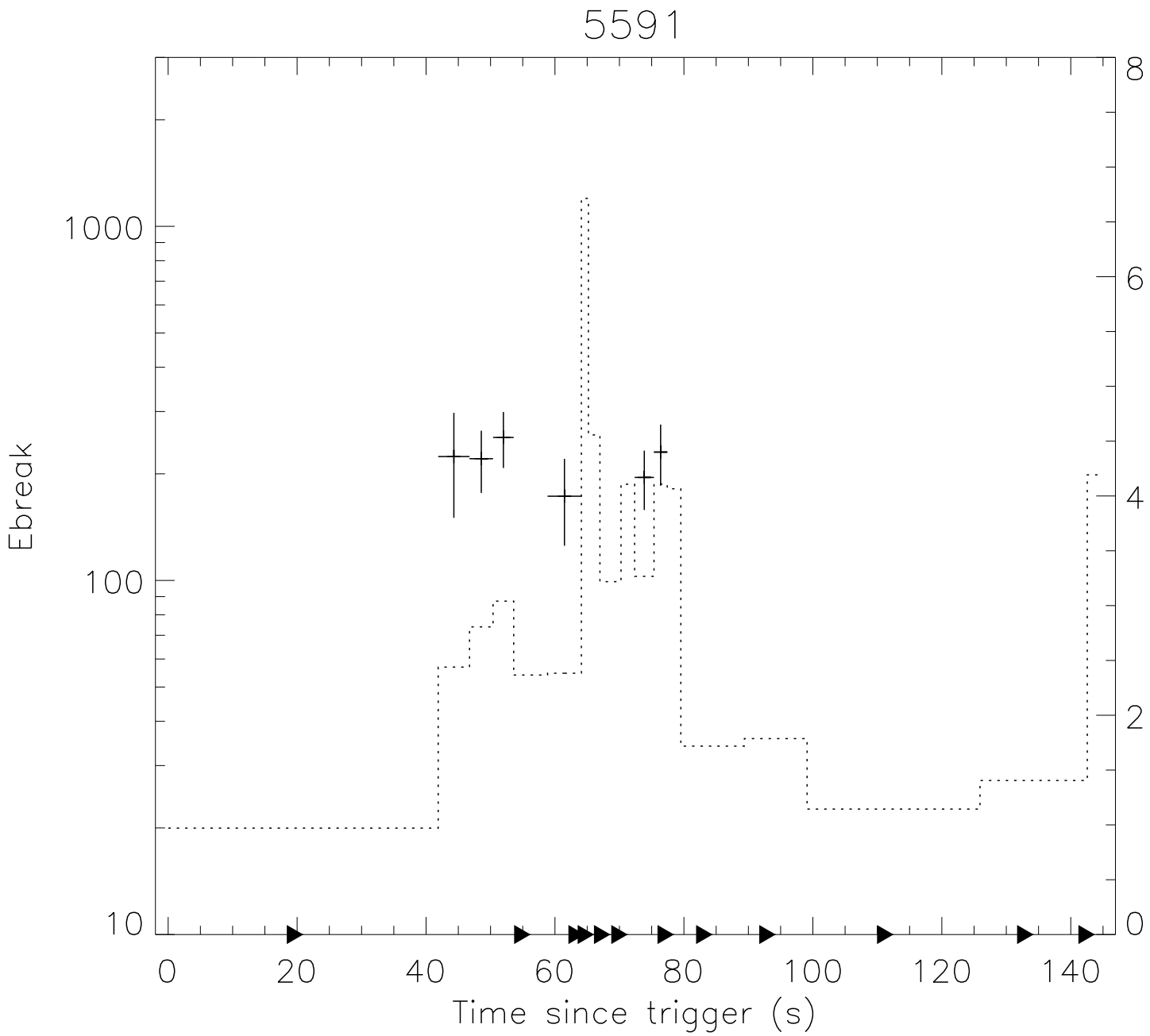

5526
Ebreak
1000
100
10
0
20
40
60
80
Time since trigger (s)
4
3
2
1
0

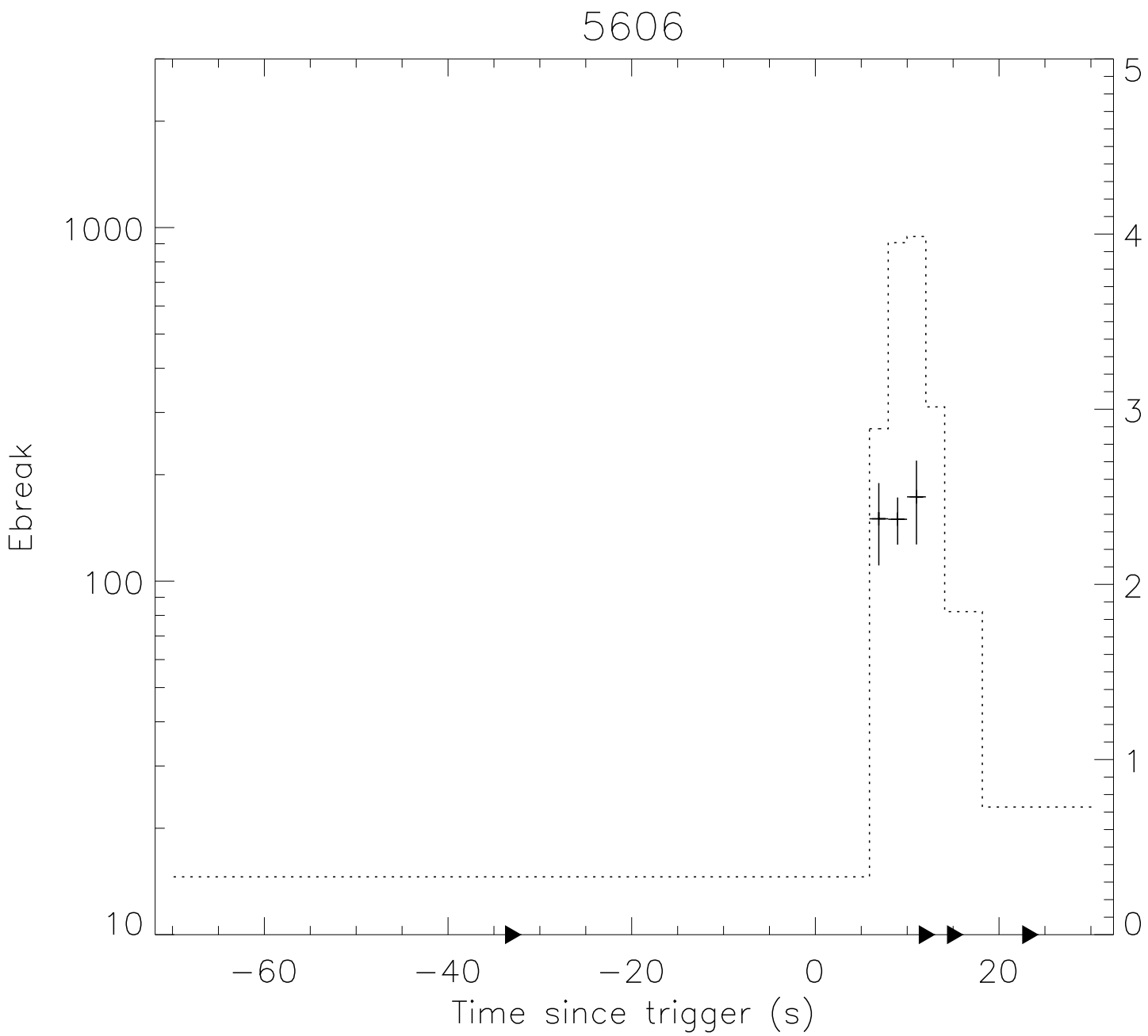

5563
1000
100
10
Ebreak
50
40
30
20
10
0
−1
0
1
2
3
4
Time since trigger (s)

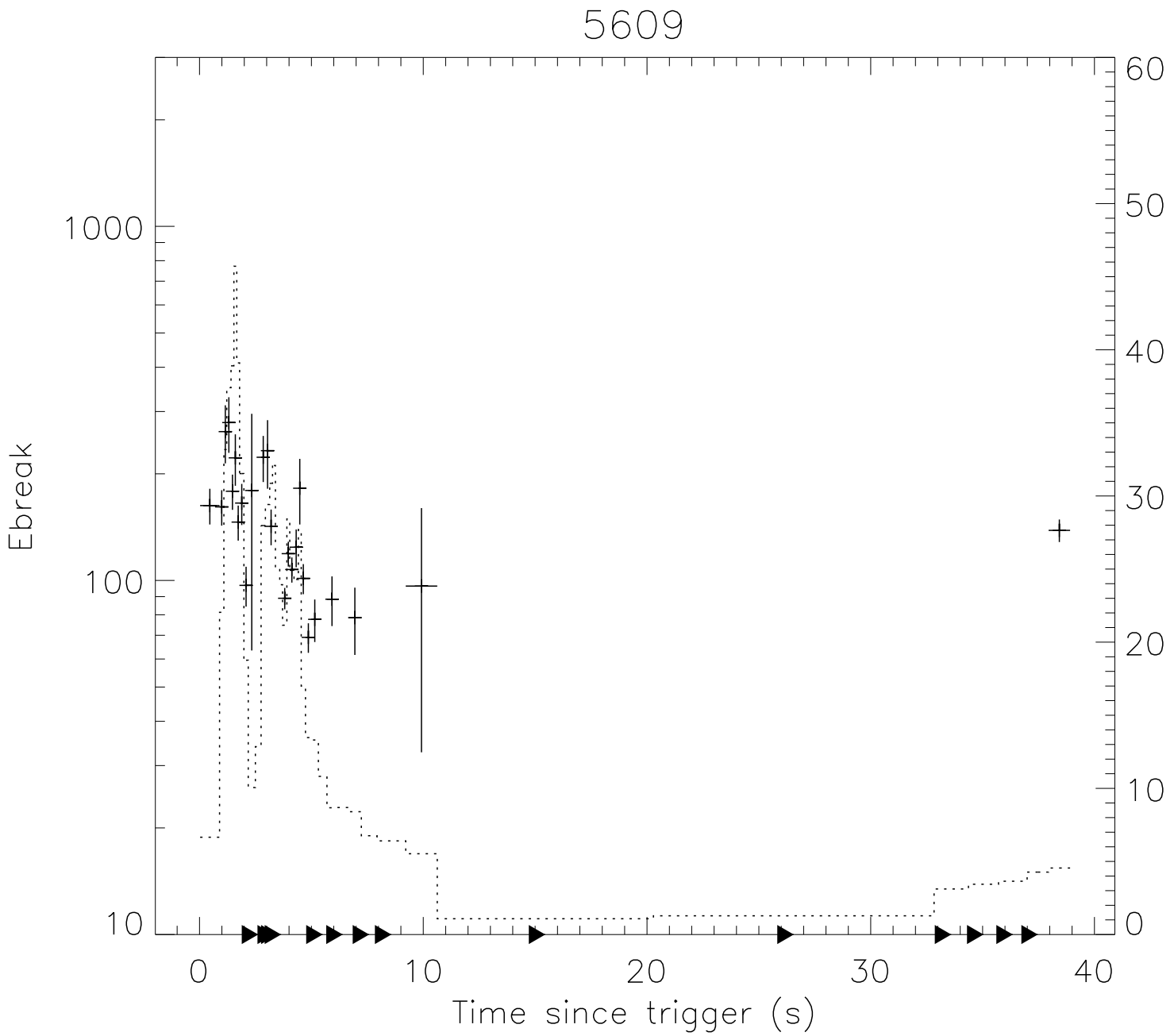

5567
Ebreak
1000
100
10
60
50
40
30
20
10
0
0
5
10
15
Time since trigger (s)

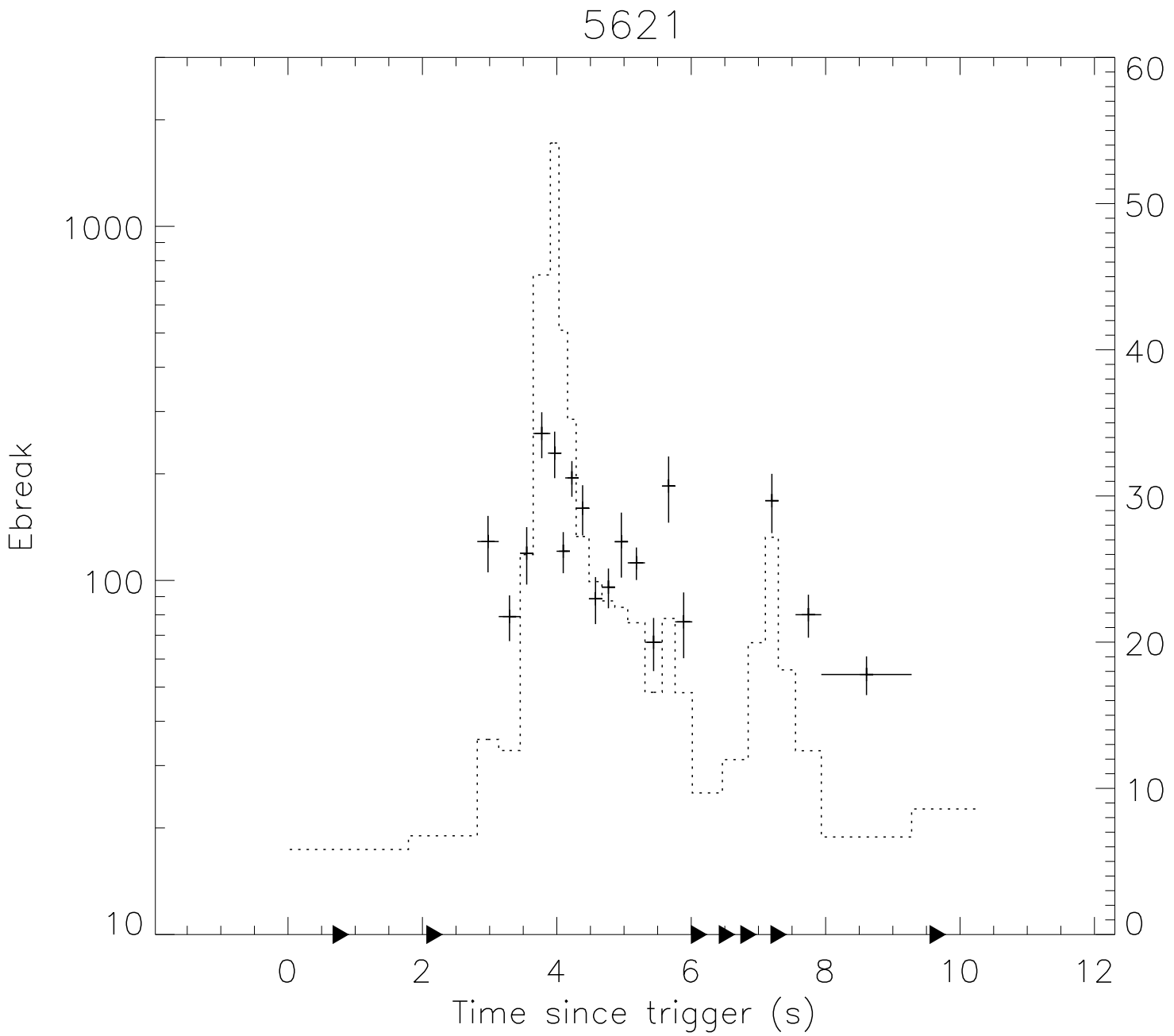

5568
Ebreak
1000
100
10
30
25
20
15
10
5
0
0
2
4
6
Time since trigger (s)

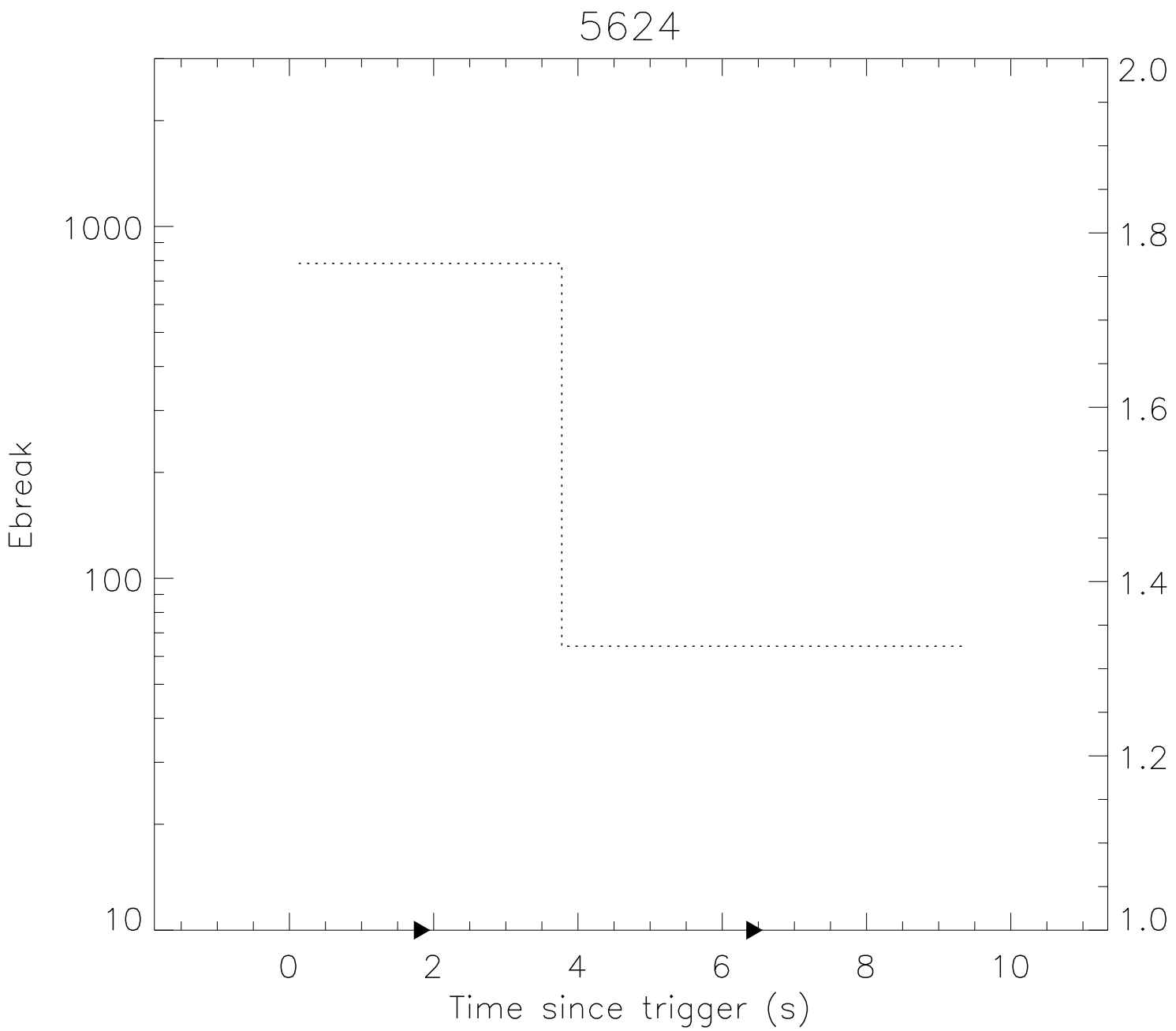

5585
1000
100
10
Ebreak
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0
50
100
150
Time since trigger (s)

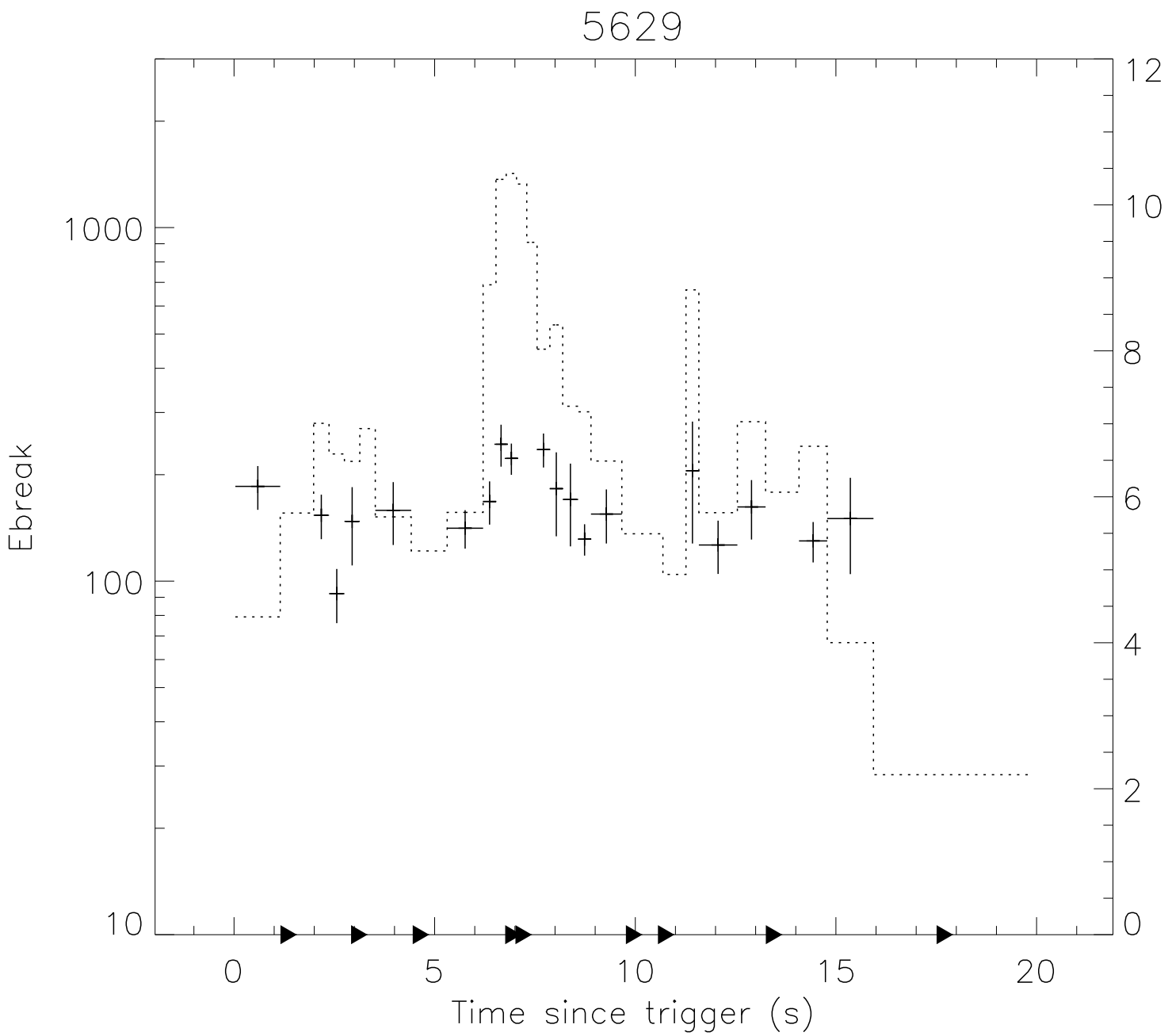

5591
Ebreak
1000
100
10
8
6
4
2
0
0
20
40
60
80
100
120
140
Time since trigger (s)

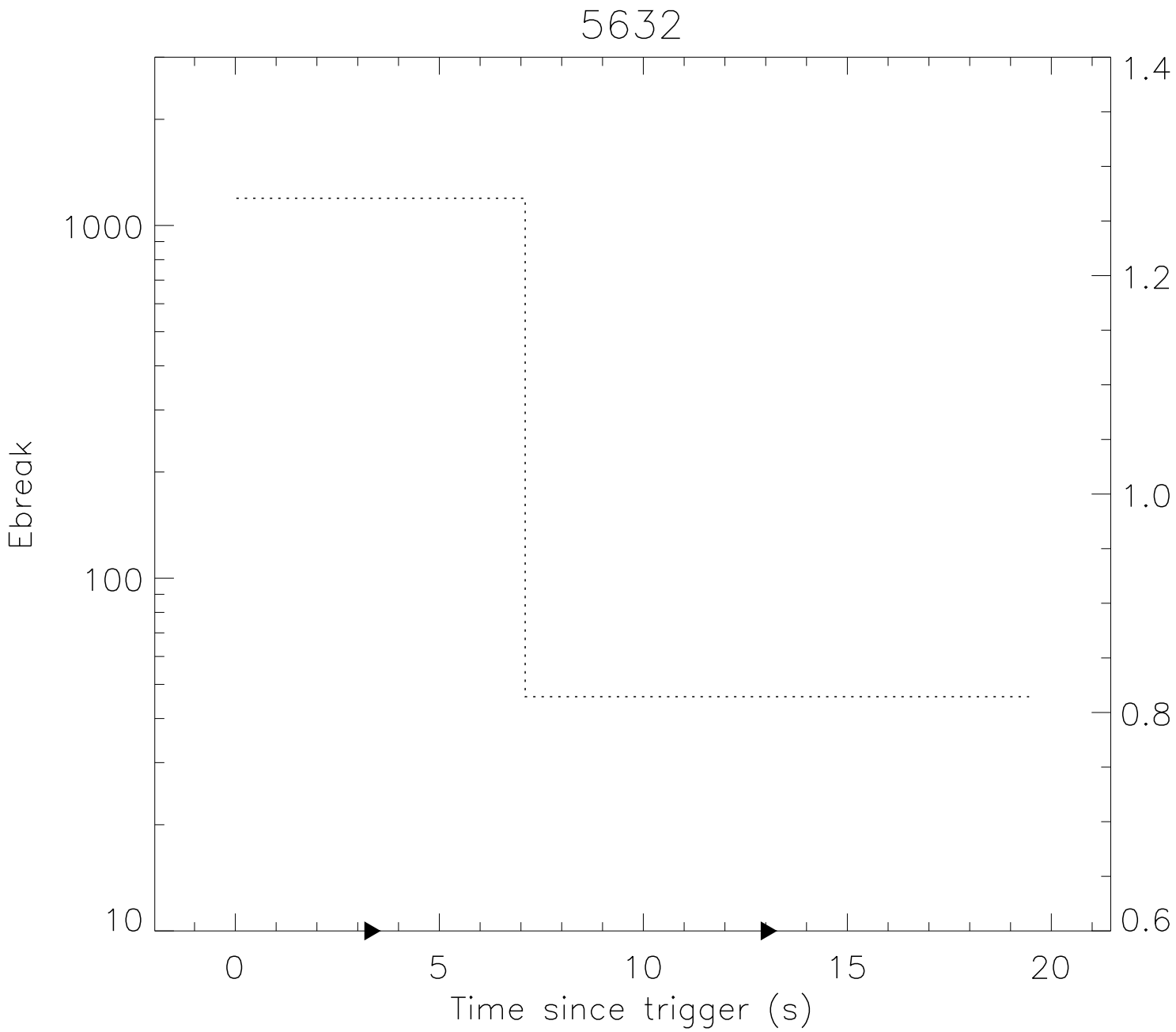

5606
1000
100
10
Ebreak
5
4
3
2
1
0
−60
−40
−20
0
20
Time since trigger (s)

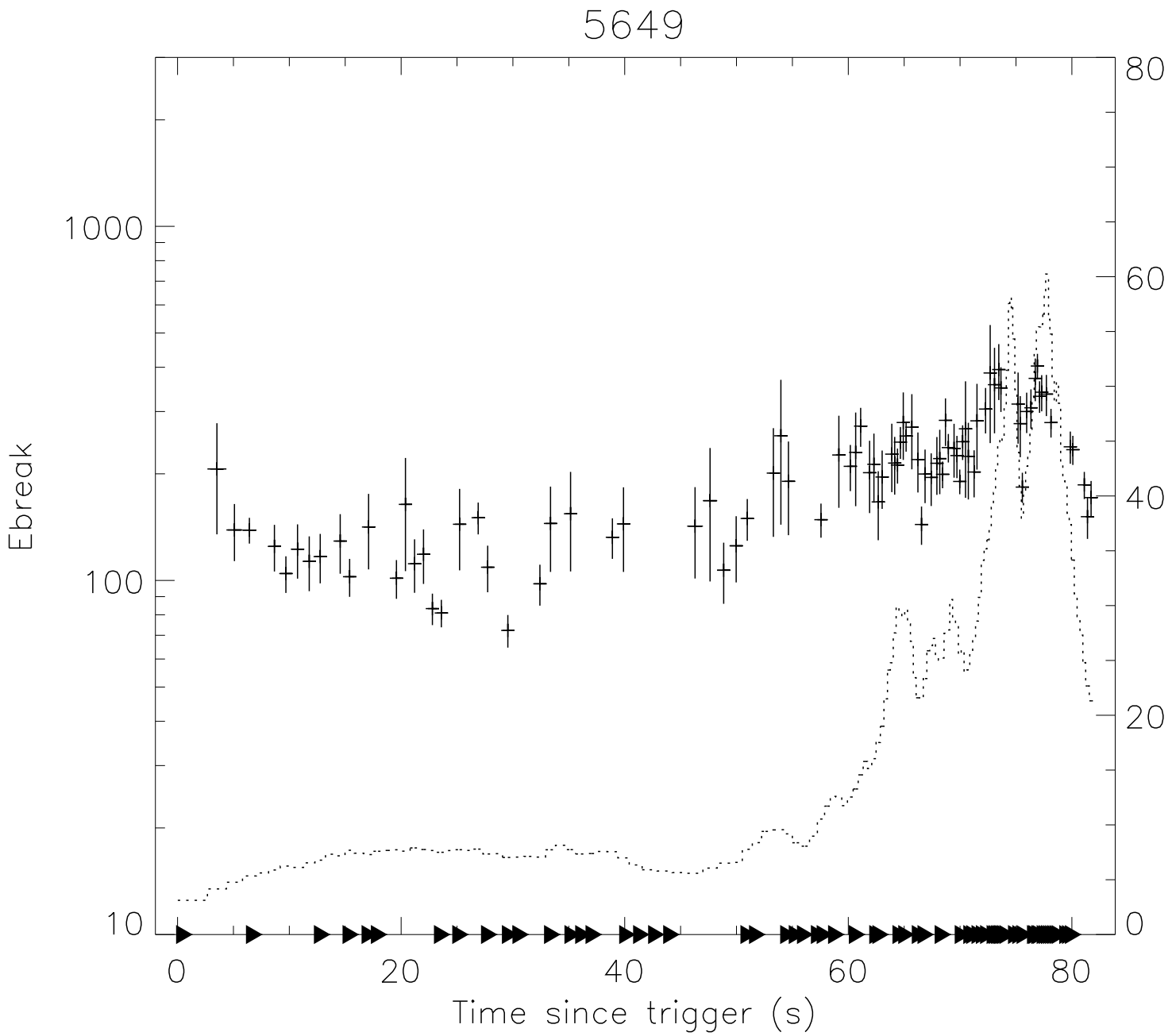

5609
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
60
50
40
30
20
10
0

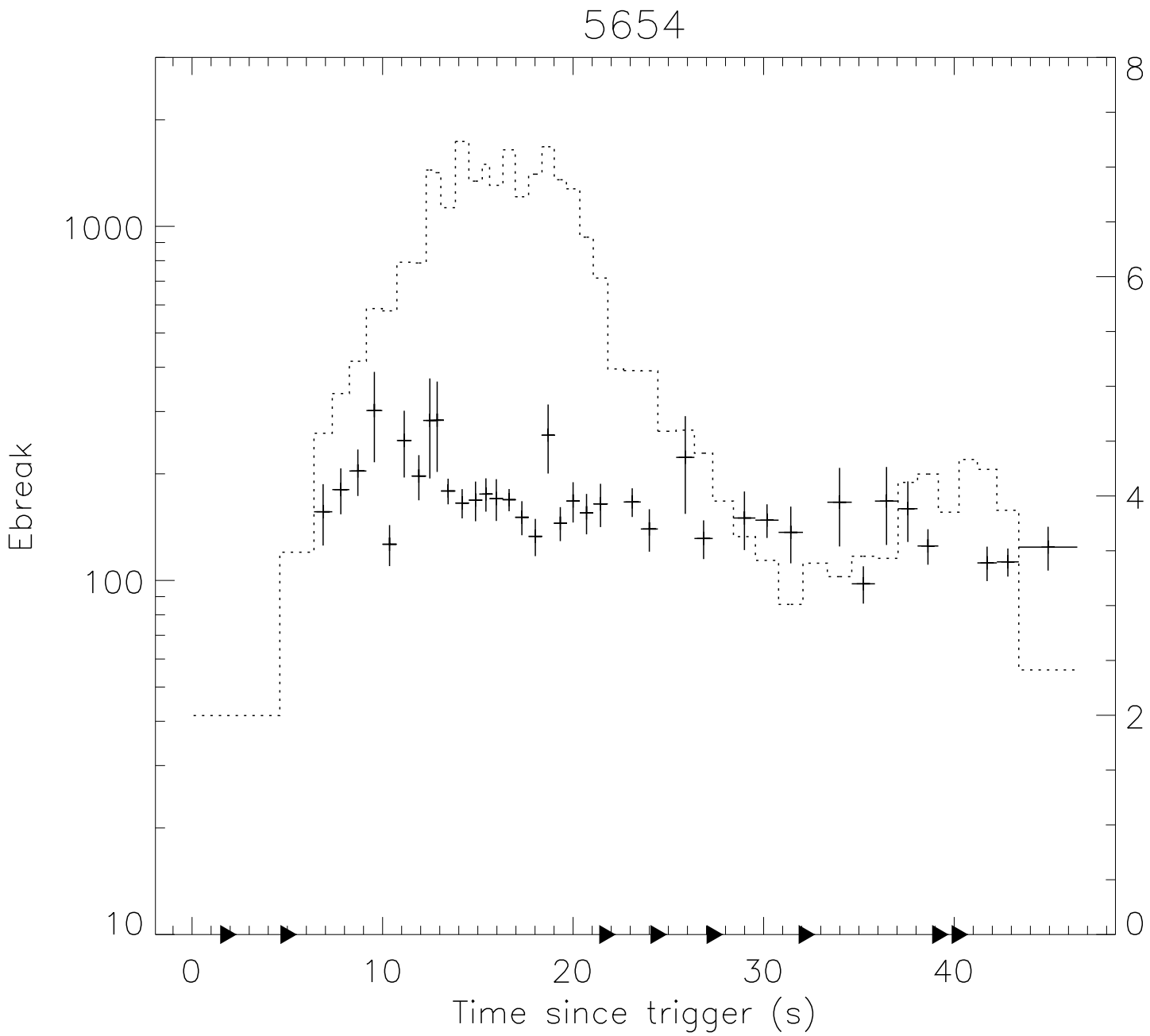

5621
Ebreak
1000
100
10
60
50
40
30
20
10
0
0
2
4
6
8
10
12
Time since trigger (s)

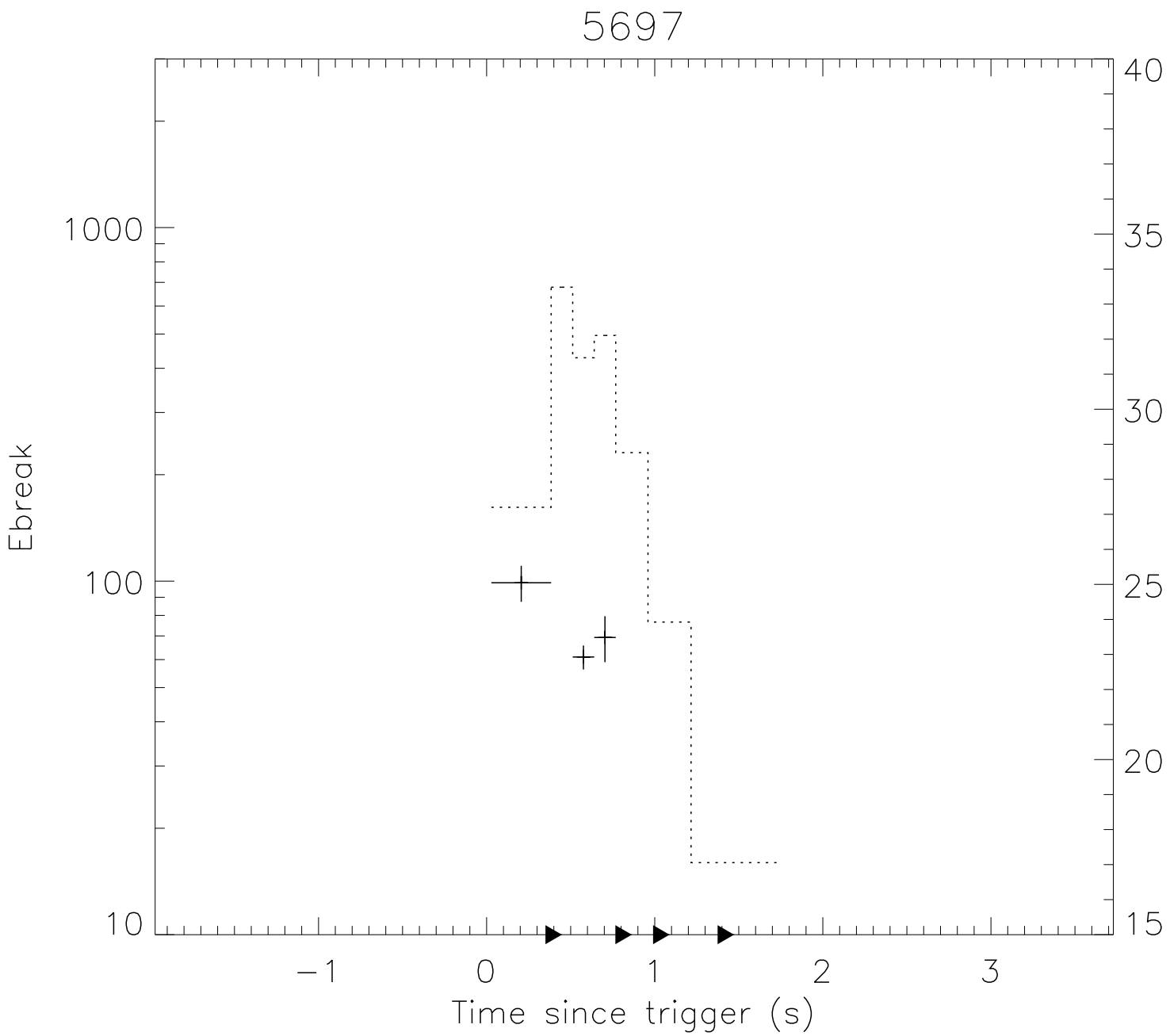

5624
2.0
1.8
1.6
1.4
1.2
1.0
1000
100
10
Ebreak
0
2
4
6
8
10
Time since trigger (s)

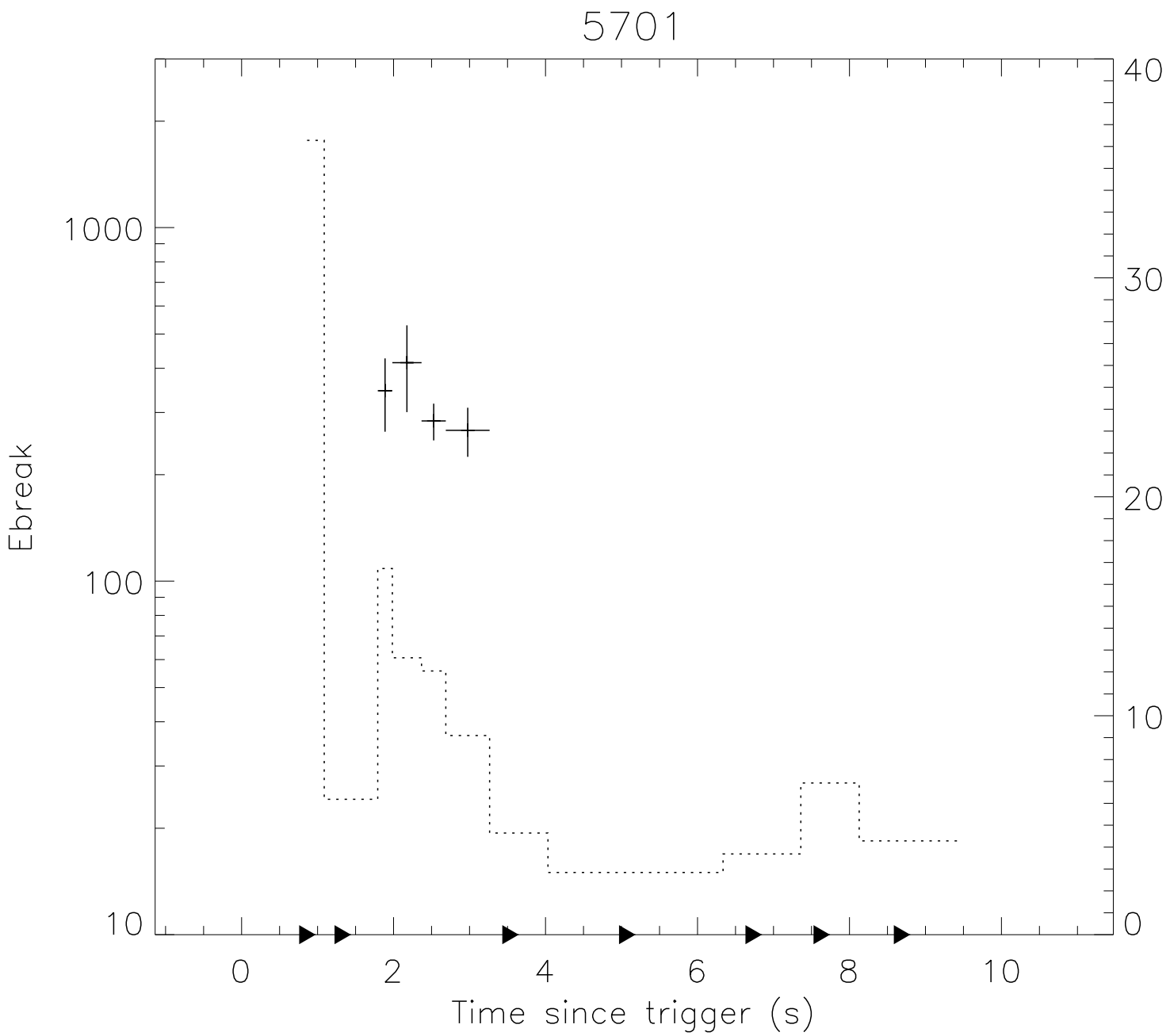

5629
Ebreak
1000
100
10
0
5
10
15
20
Time since trigger (s)
12
10
8
6
4
2
0

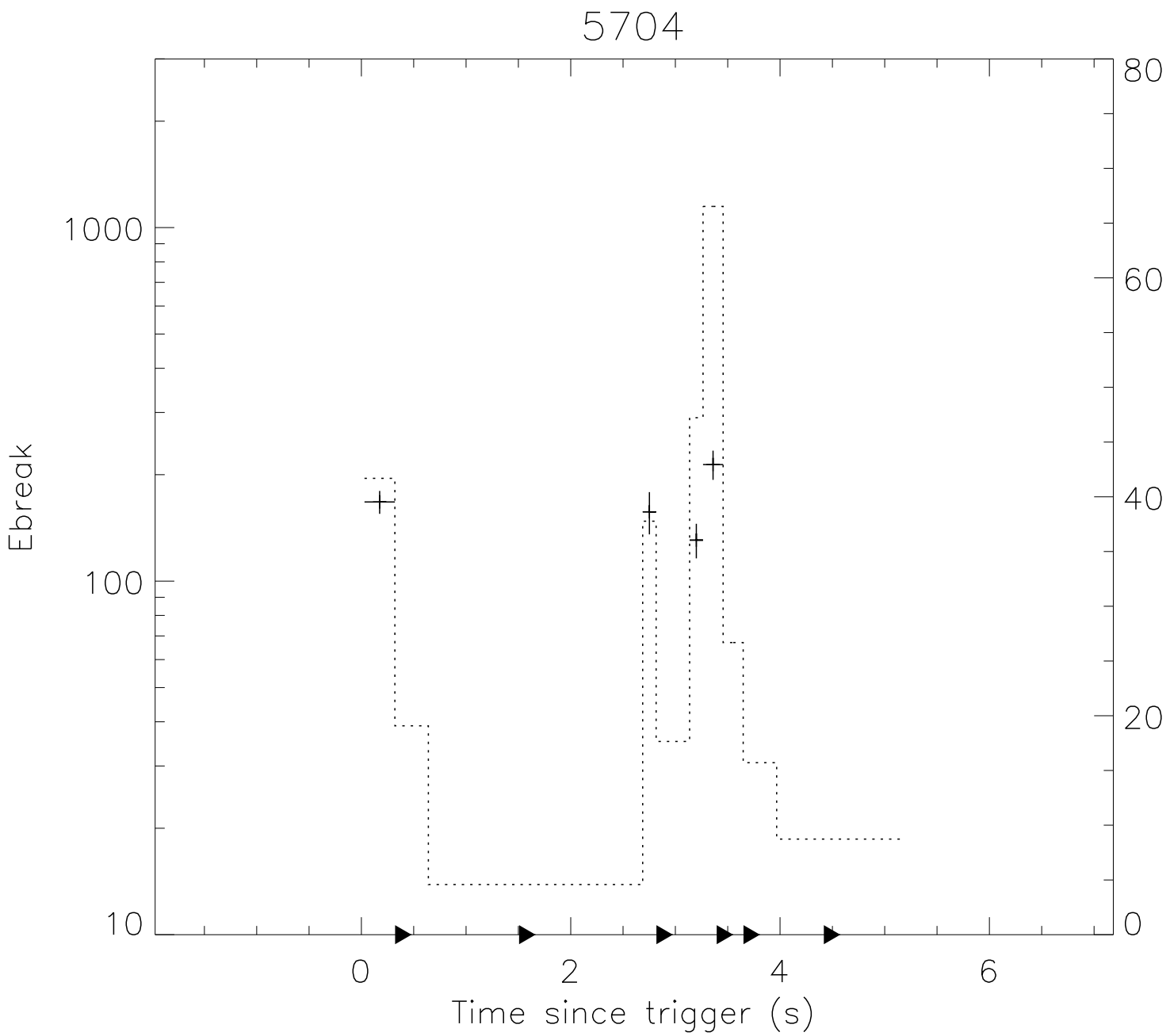

5632
1000
100
10
Ebreak
1.4
1.2
1.0
0.8
0.6
0
5
10
15
20
Time since trigger (s)

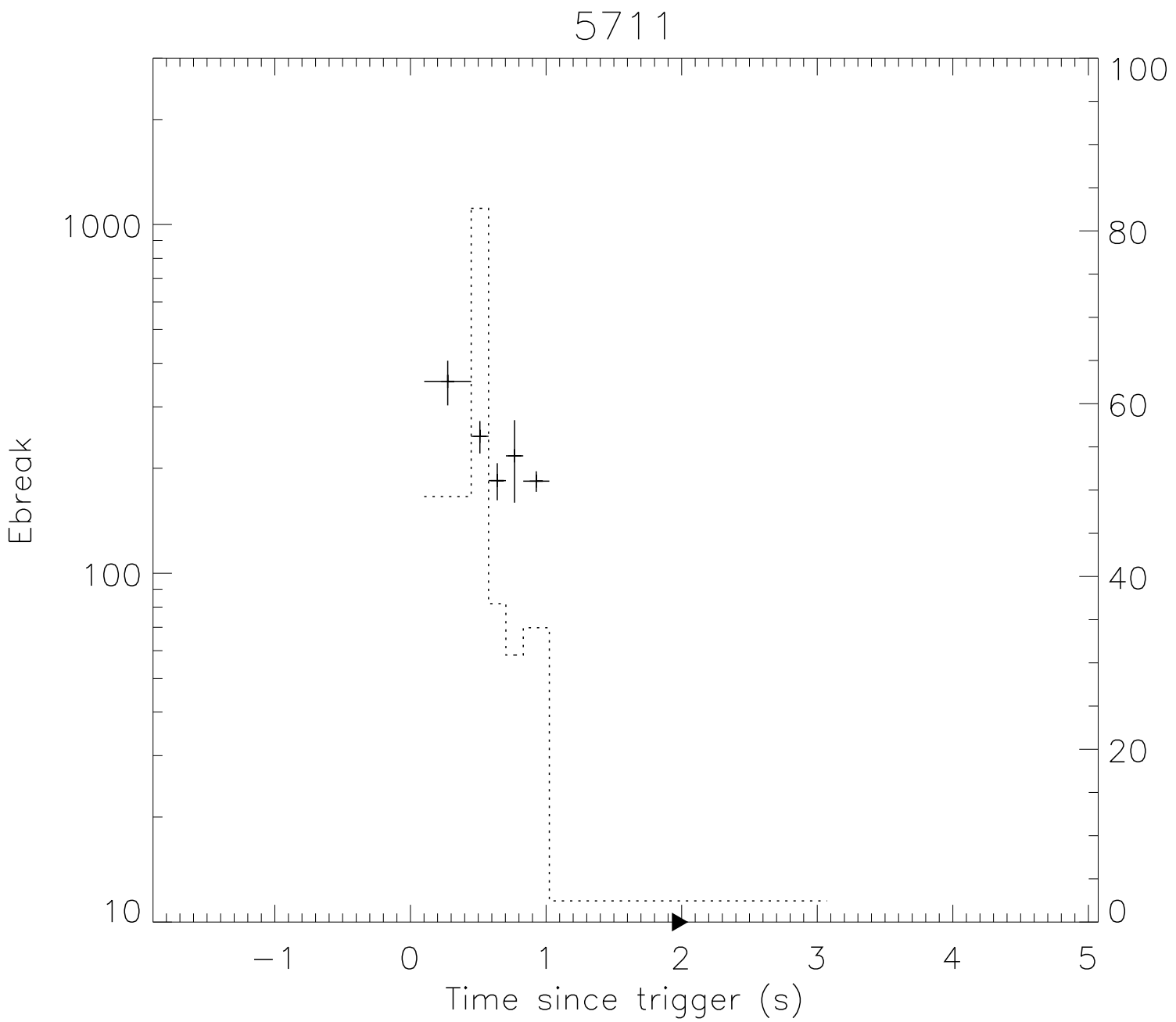

5649
Ebreak
1000
100
10
0
20
40
60
80
Time since trigger (s)
80
60
40
20
0

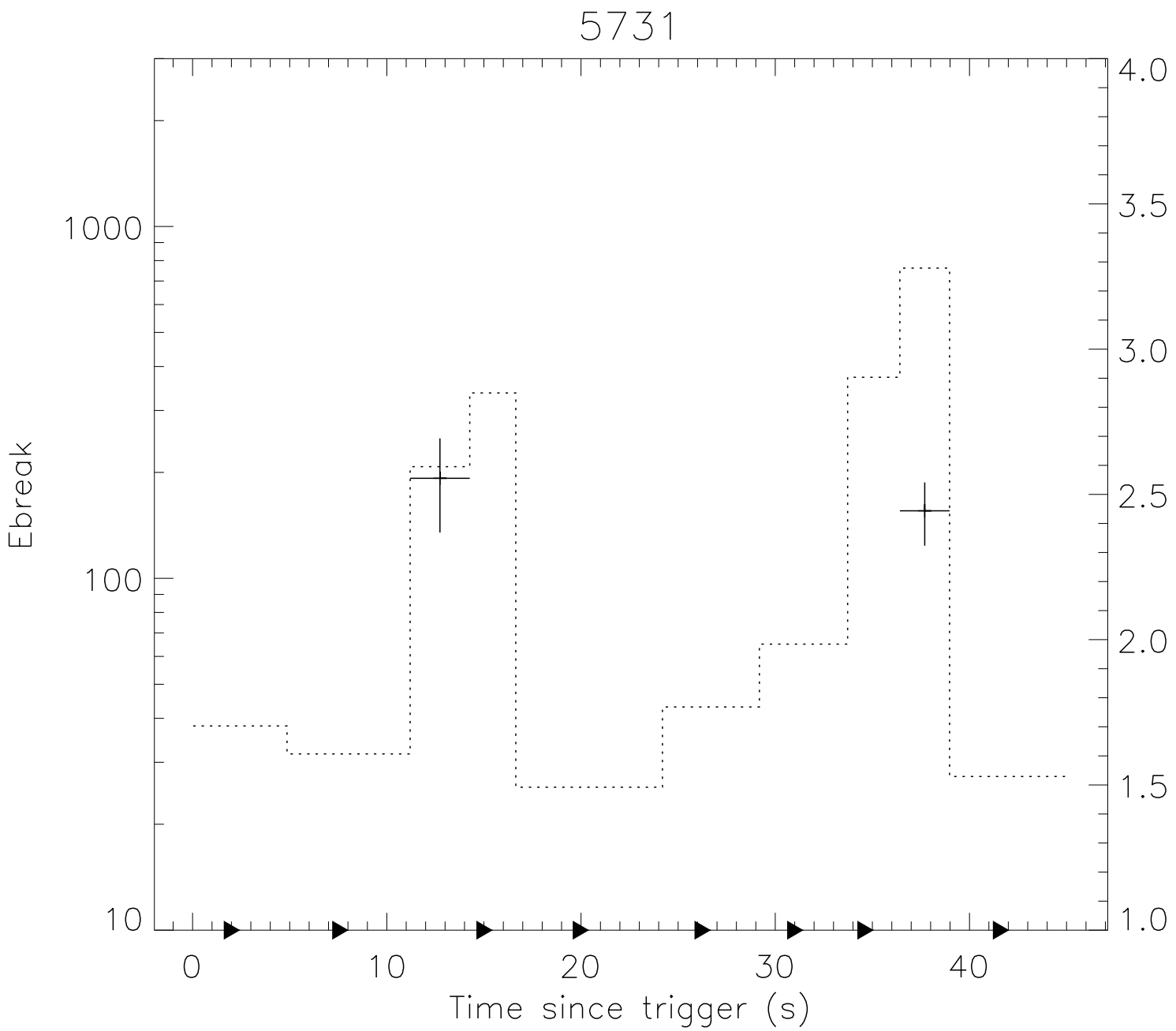

5654
Ebreak
1000
100
10
8
6
4
2
0
0
10
20
30
40
Time since trigger (s)

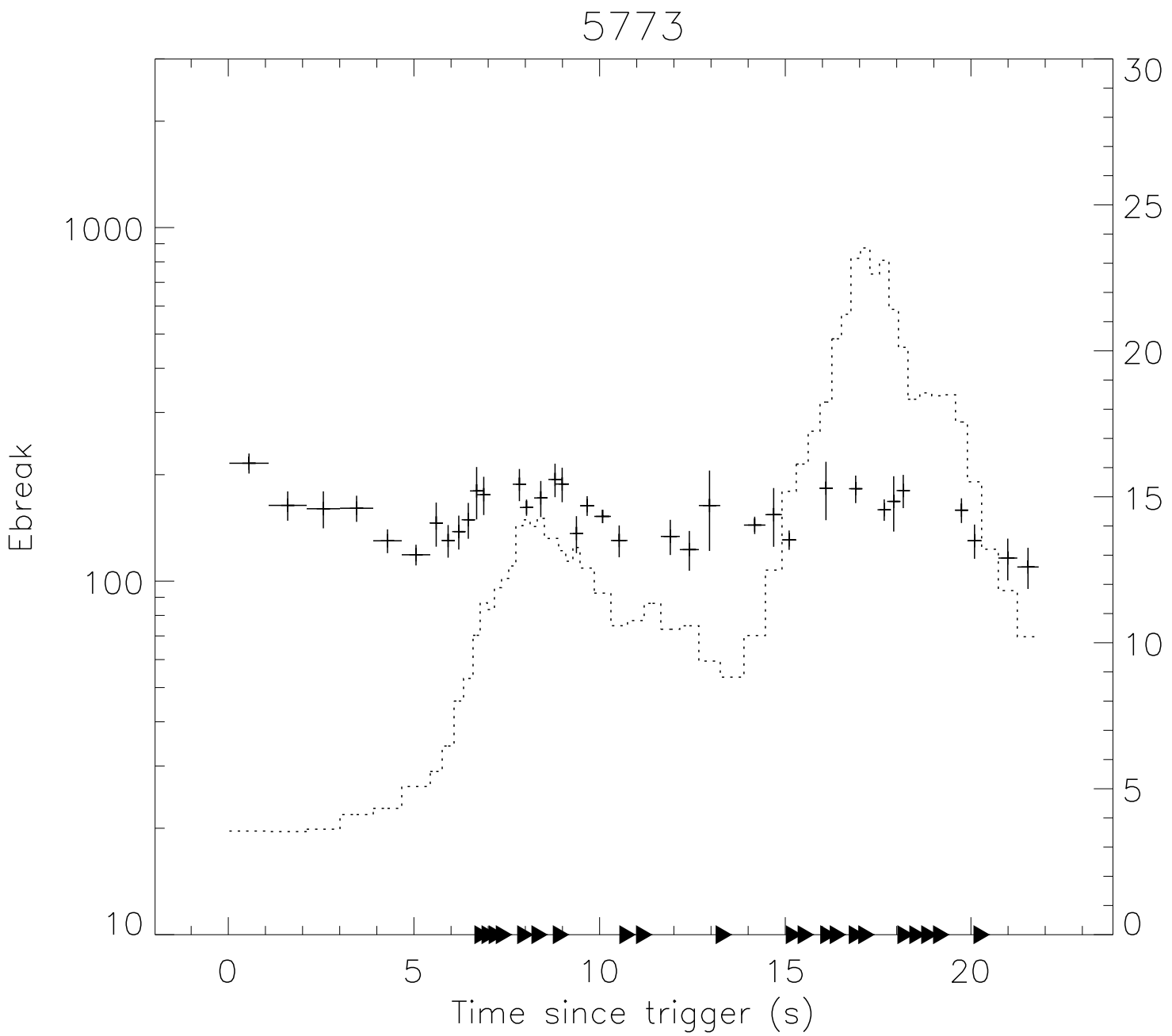

5697
1000
100
10
Ebreak
40
35
30
25
20
15
−1
0
1
2
3
Time since trigger (s)

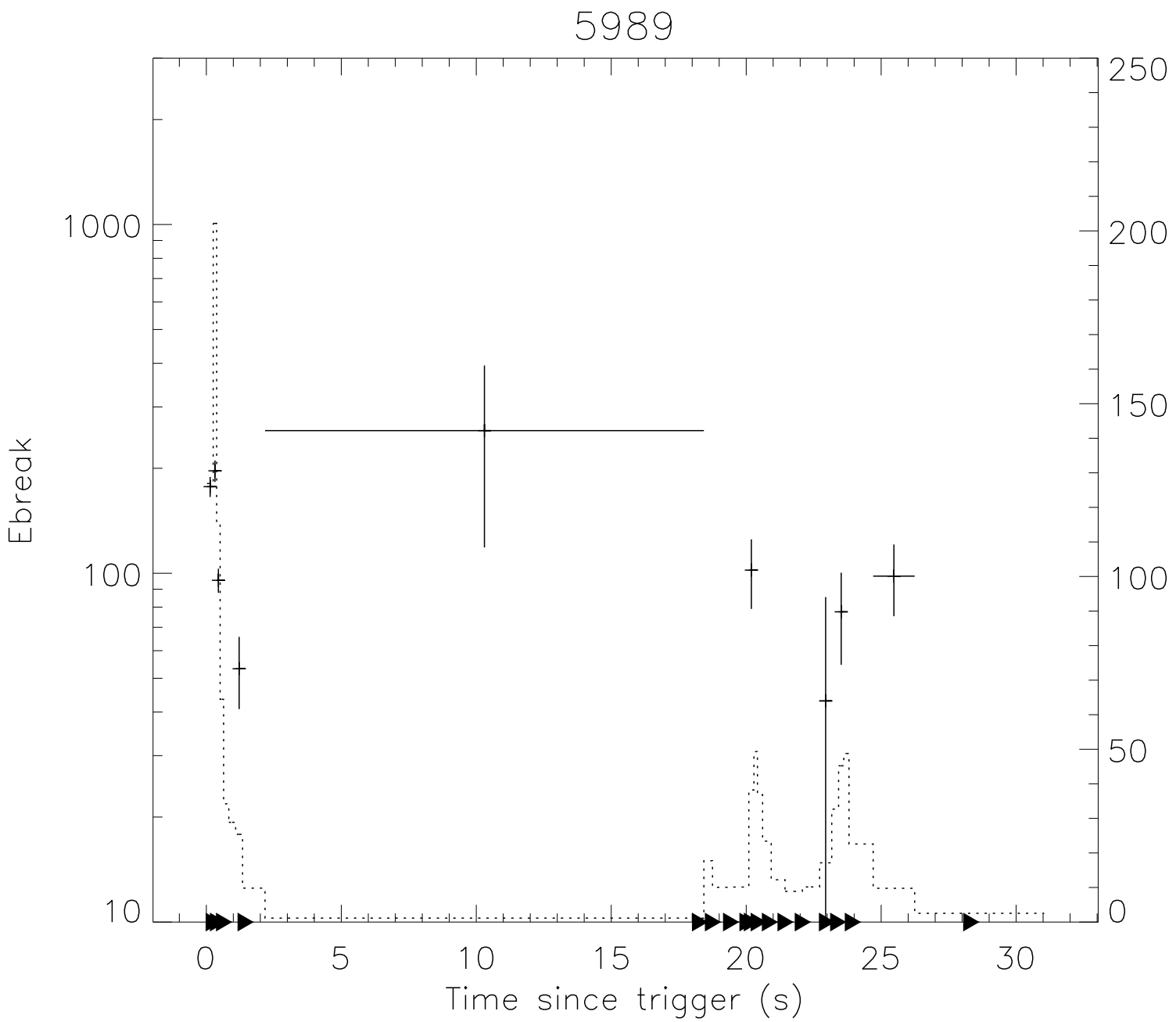

5701
Ebreak
1000
100
10
40
30
20
10
0
0
2
4
6
8
10
Time since trigger (s)

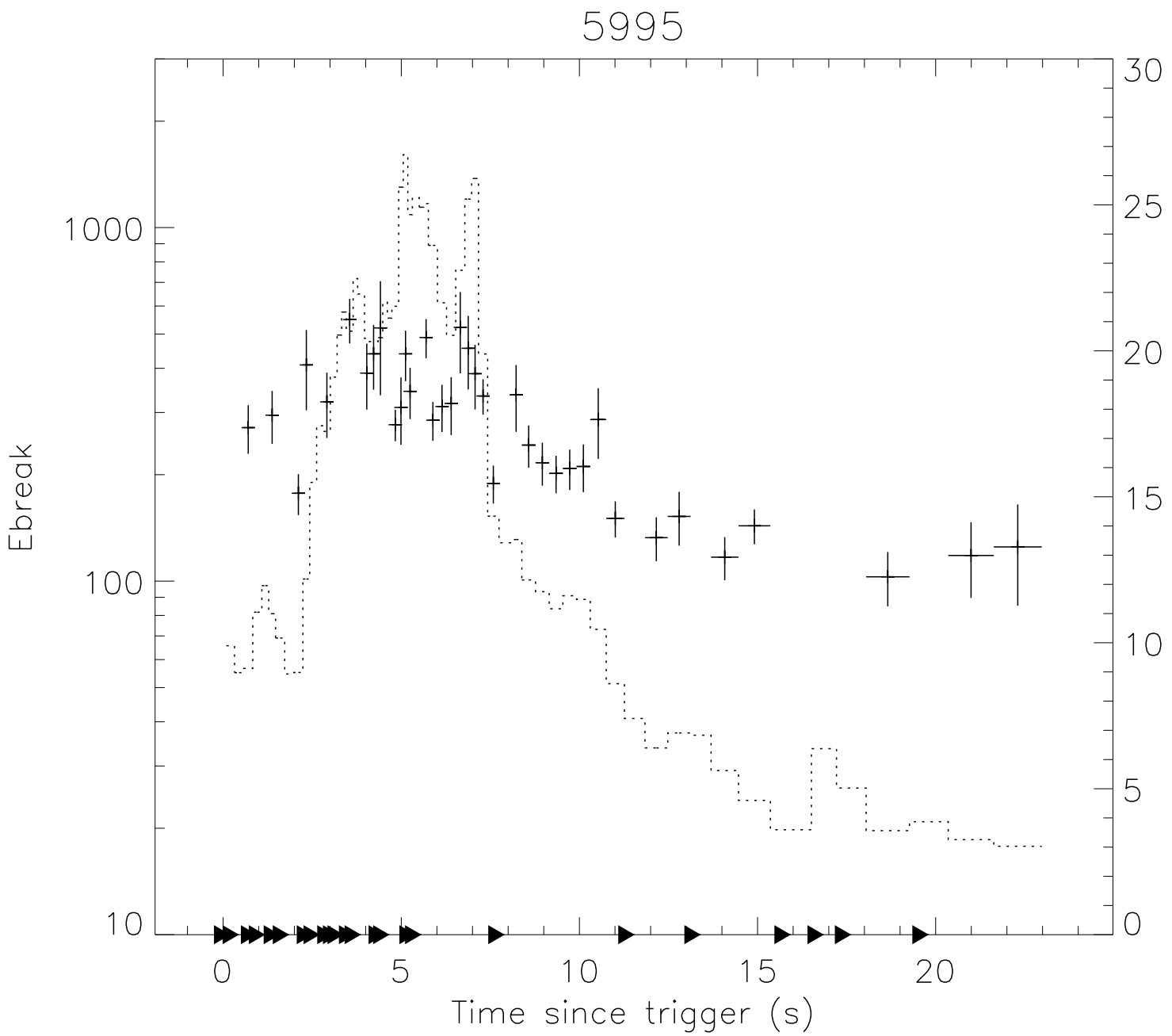

5704
1000
100
10
Ebreak
80
60
40
20
0
0
2
4
6
Time since trigger (s)

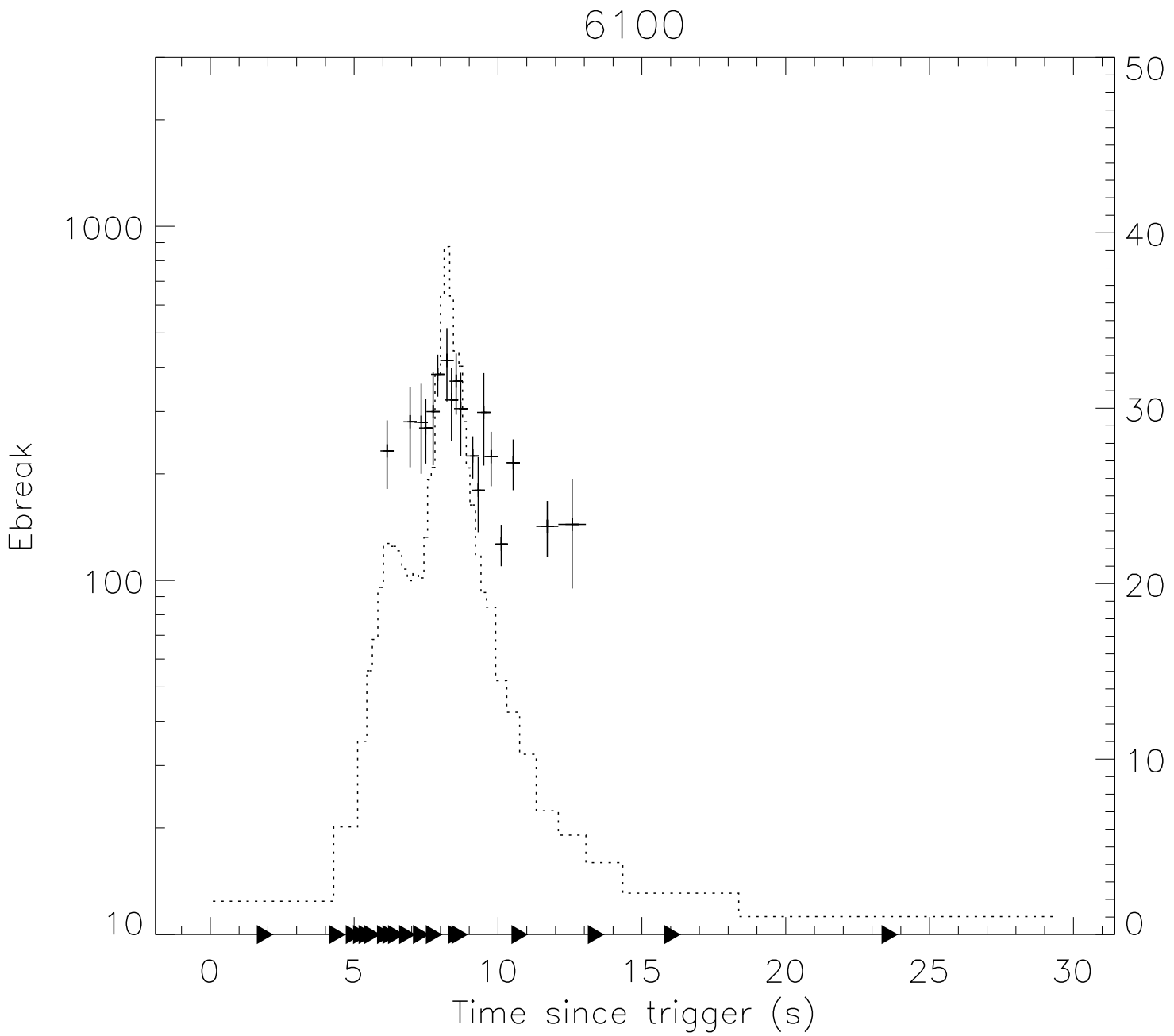

5711
1000
100
10
Ebreak
100
80
60
40
20
0
−1
0
1
2
3
4
5
Time since trigger (s)

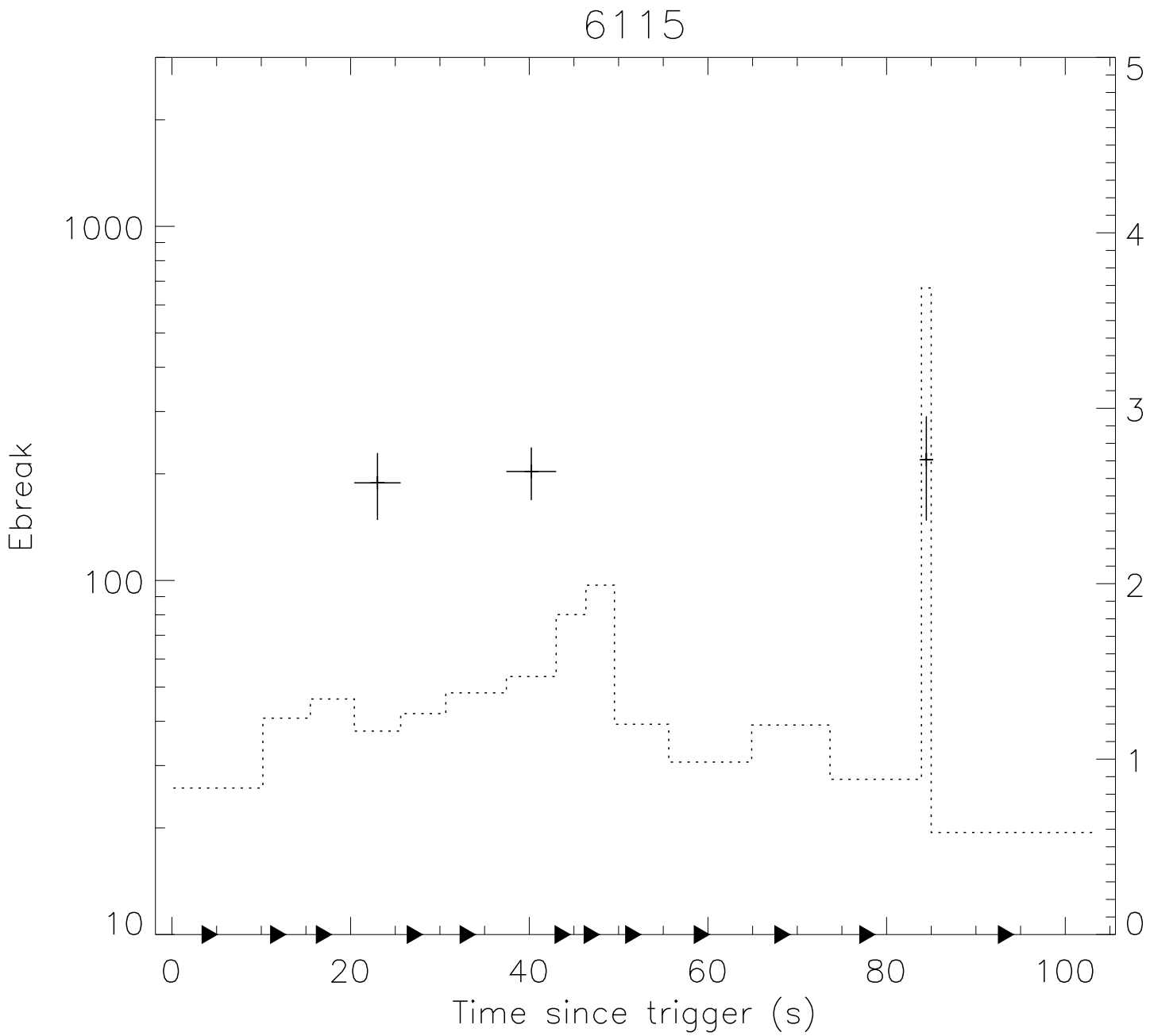

5731
Ebreak
1000
100
10
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
10
20
30
40
Time since trigger (s)

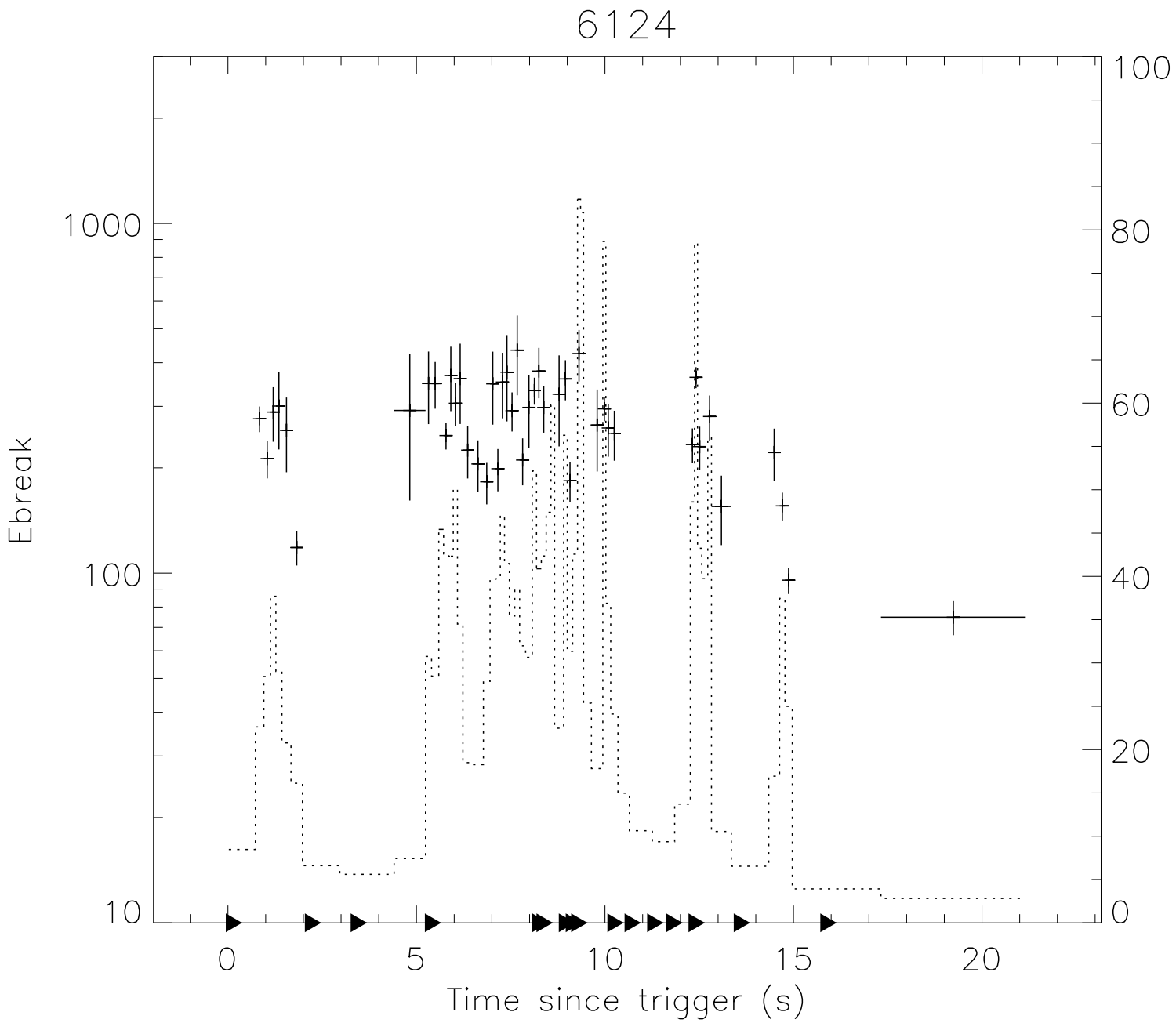

5773
Ebreak
1000
100
10
30
25
20
15
10
5
0
0
5
10
15
20
Time since trigger (s)

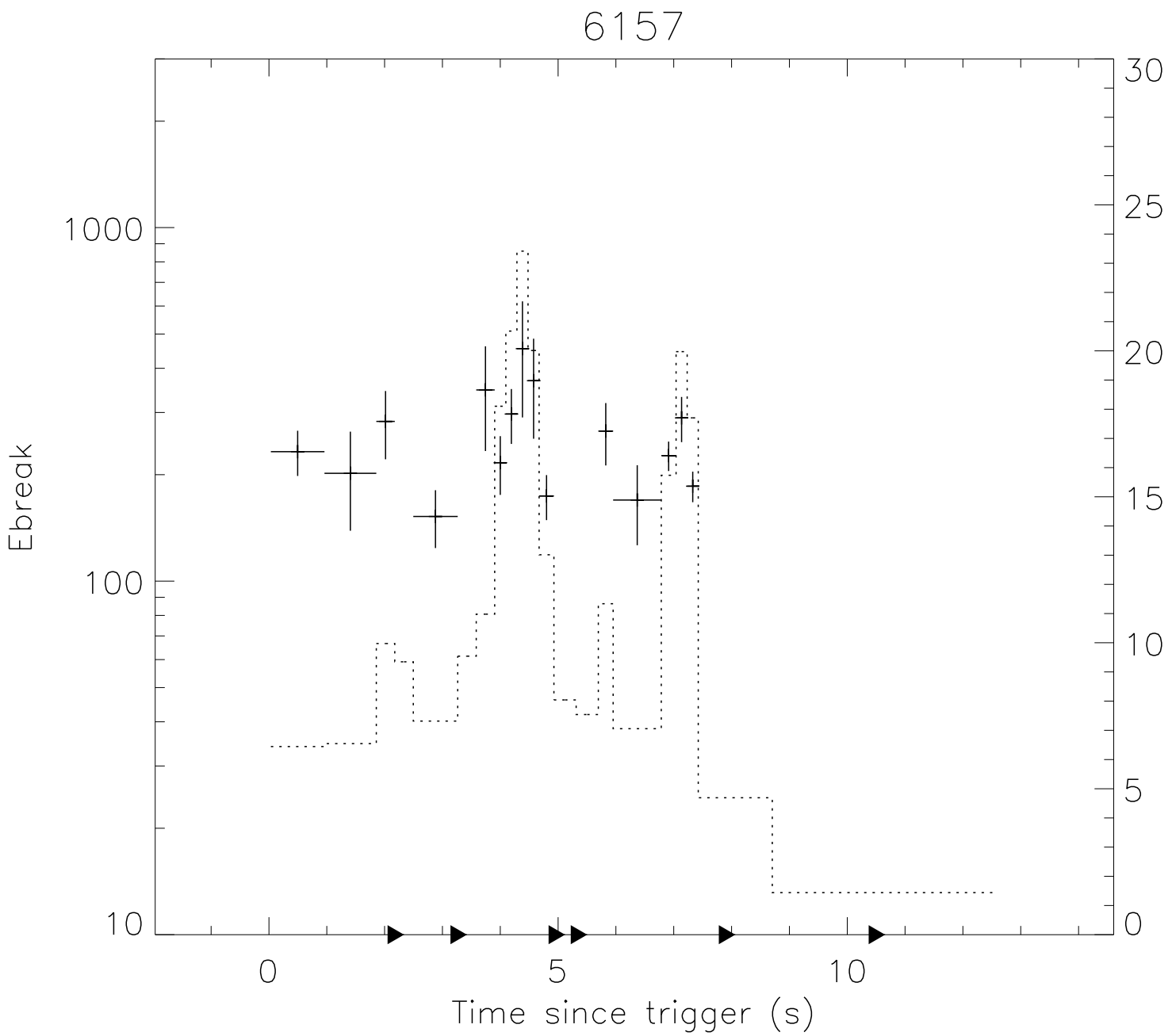

5989
Ebreak
1000
100
10
250
200
150
100
50
0
0
5
10
15
20
25
30
Time since trigger (s)

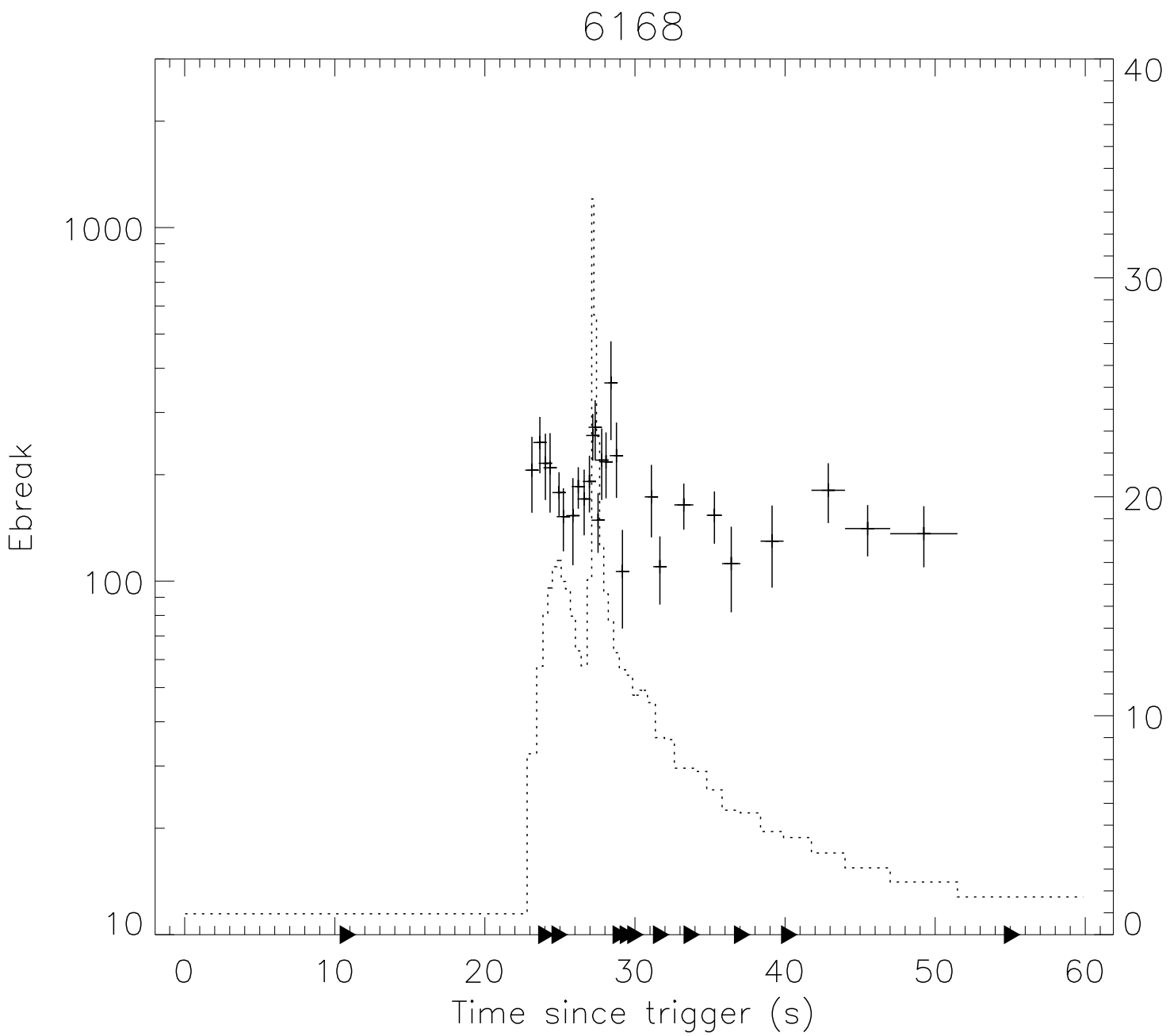

5995
Ebreak
1000
100
10
30
25
20
15
10
5
0
0
5
10
15
20
Time since trigger (s)

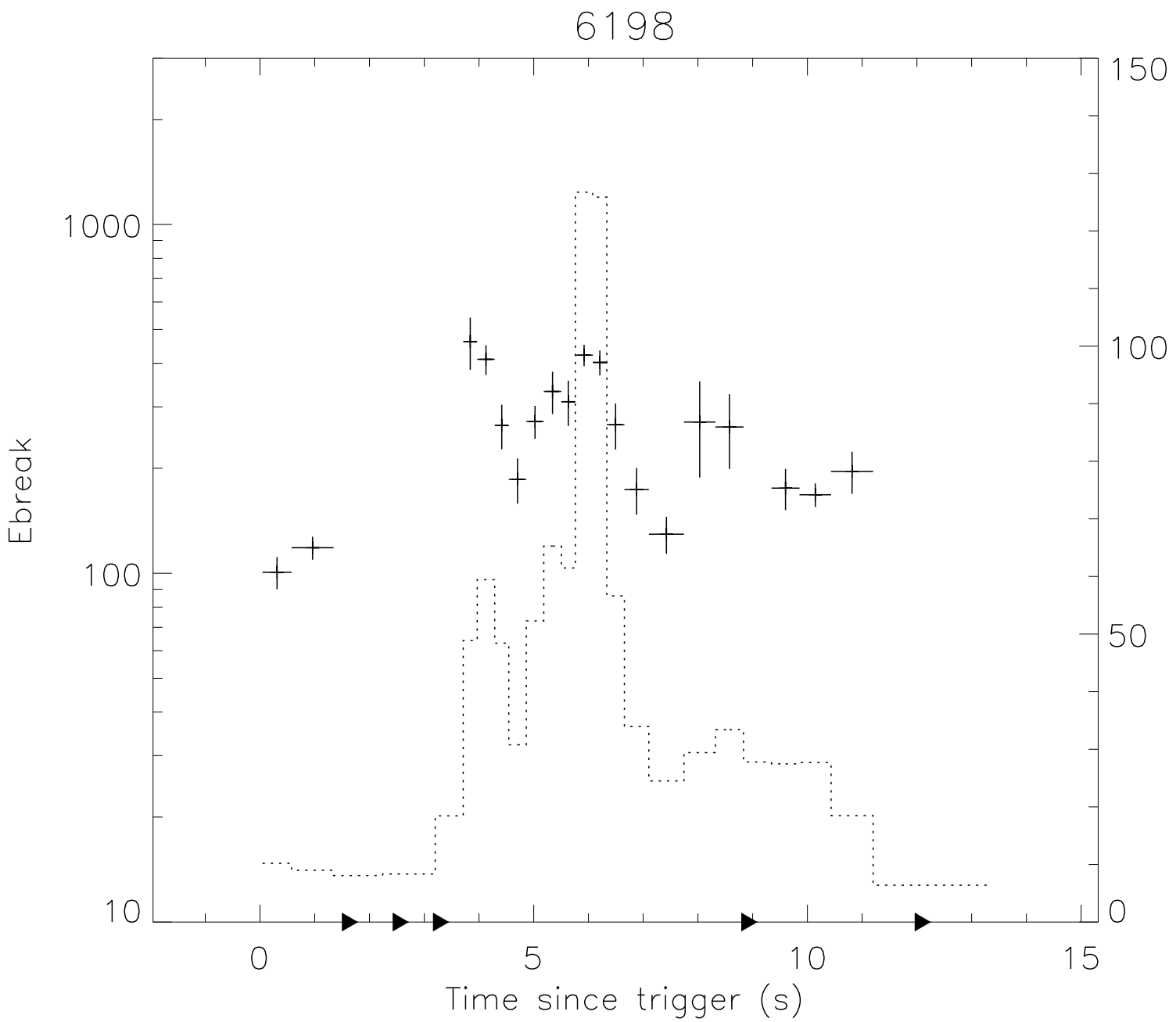

6100
Ebreak
1000
100
10
50
40
30
20
10
0
0
5
10
15
20
25
30
Time since trigger (s)

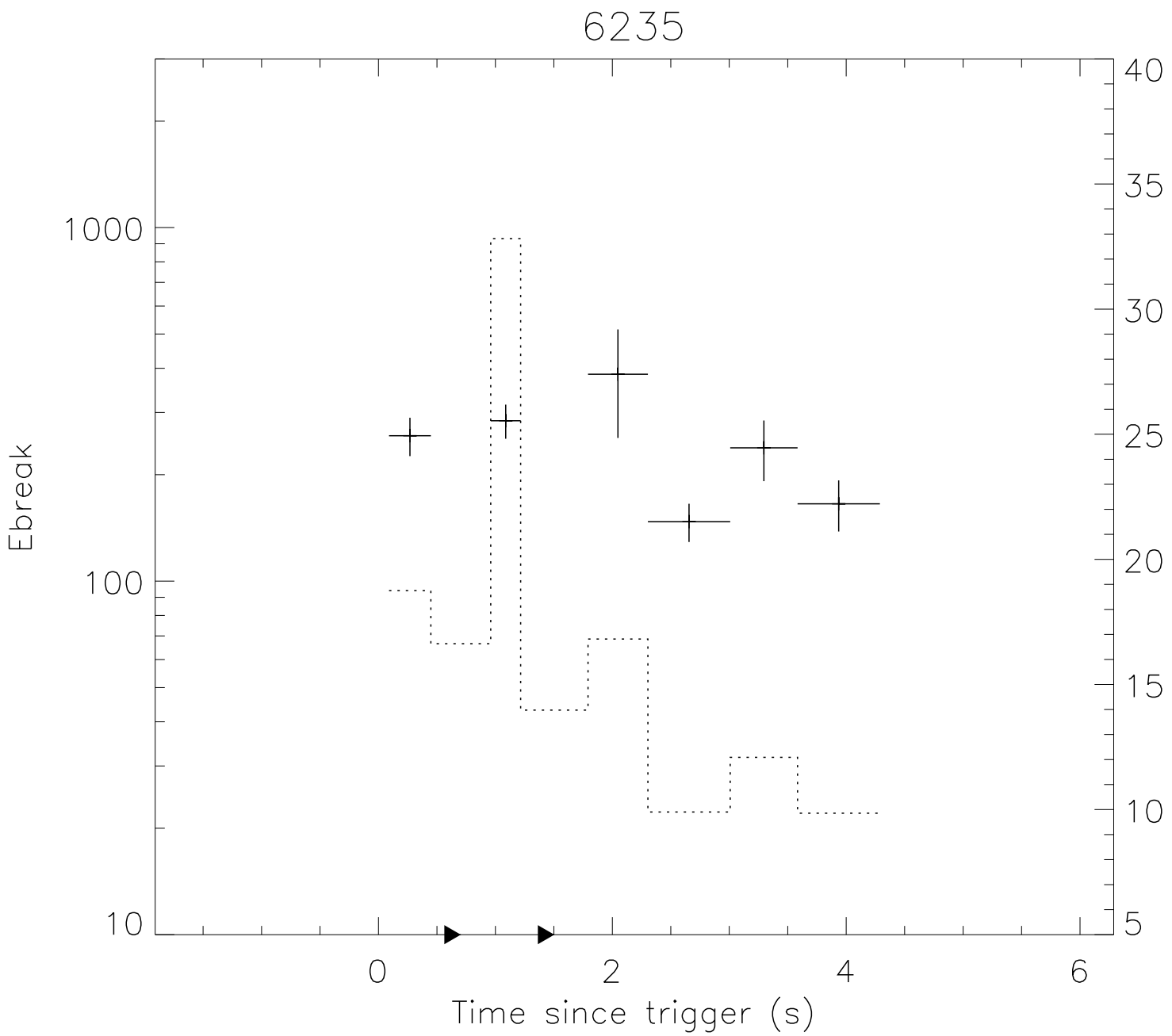

6115
1000
100
10
Ebreak
0
20
40
60
80
100
Time since trigger (s)
5
4
3
2
1
0

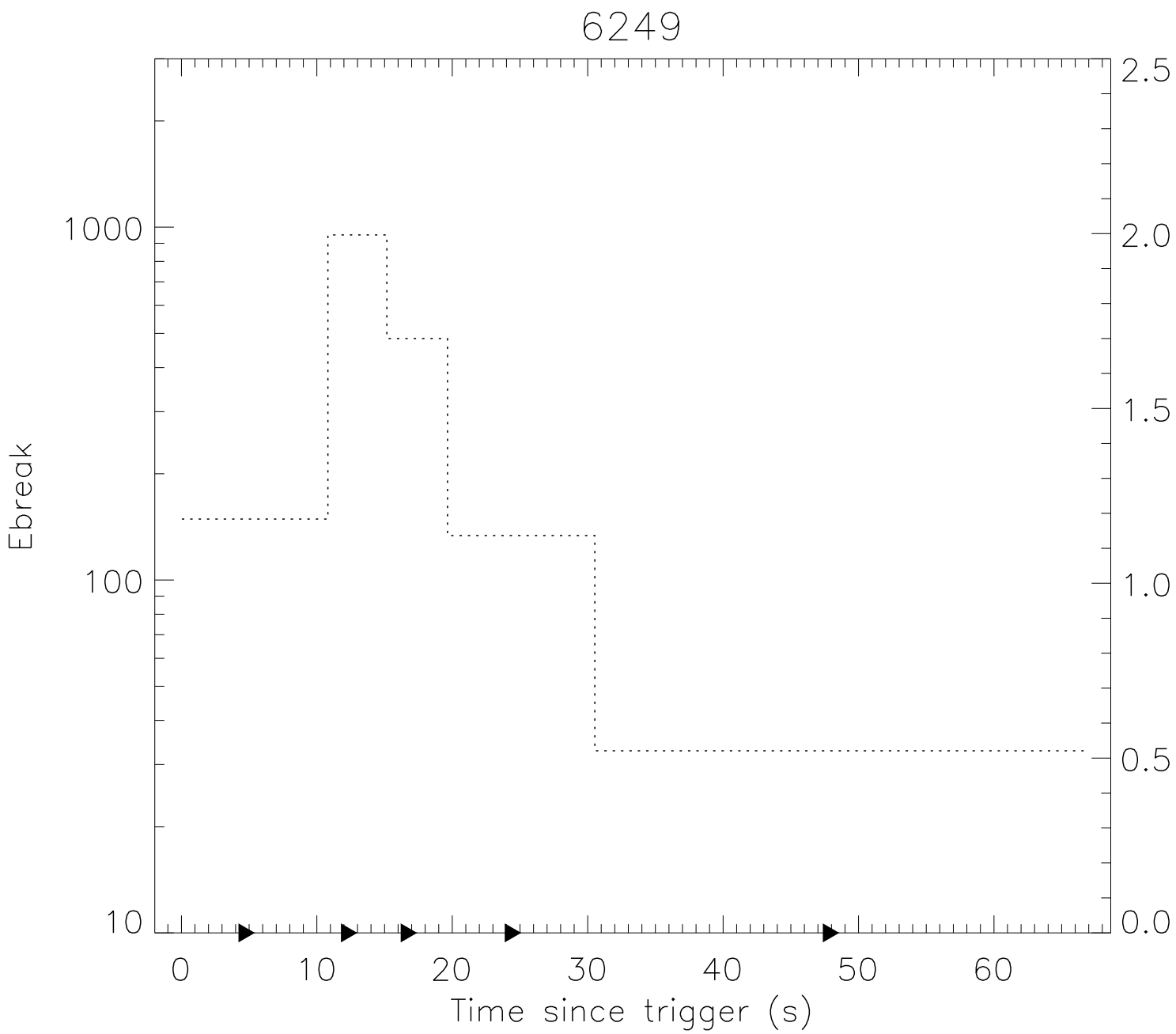

6124
Ebreak
1000
100
10
100
80
60
40
20
0
0
5
10
15
20
Time since trigger (s)

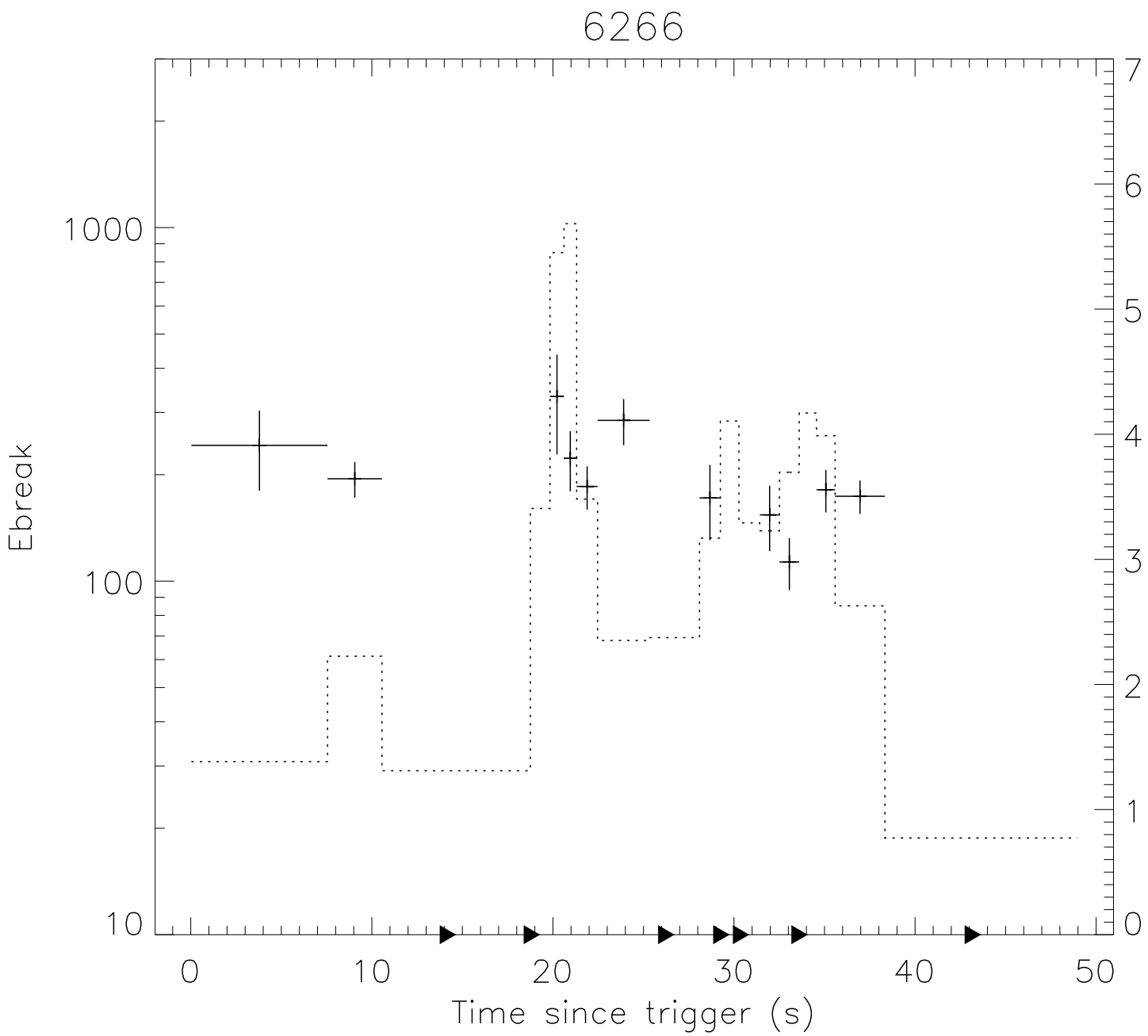

6157
Ebreak
1000
100
10
30
25
20
15
10
5
0
0
5
10
Time since trigger (s)

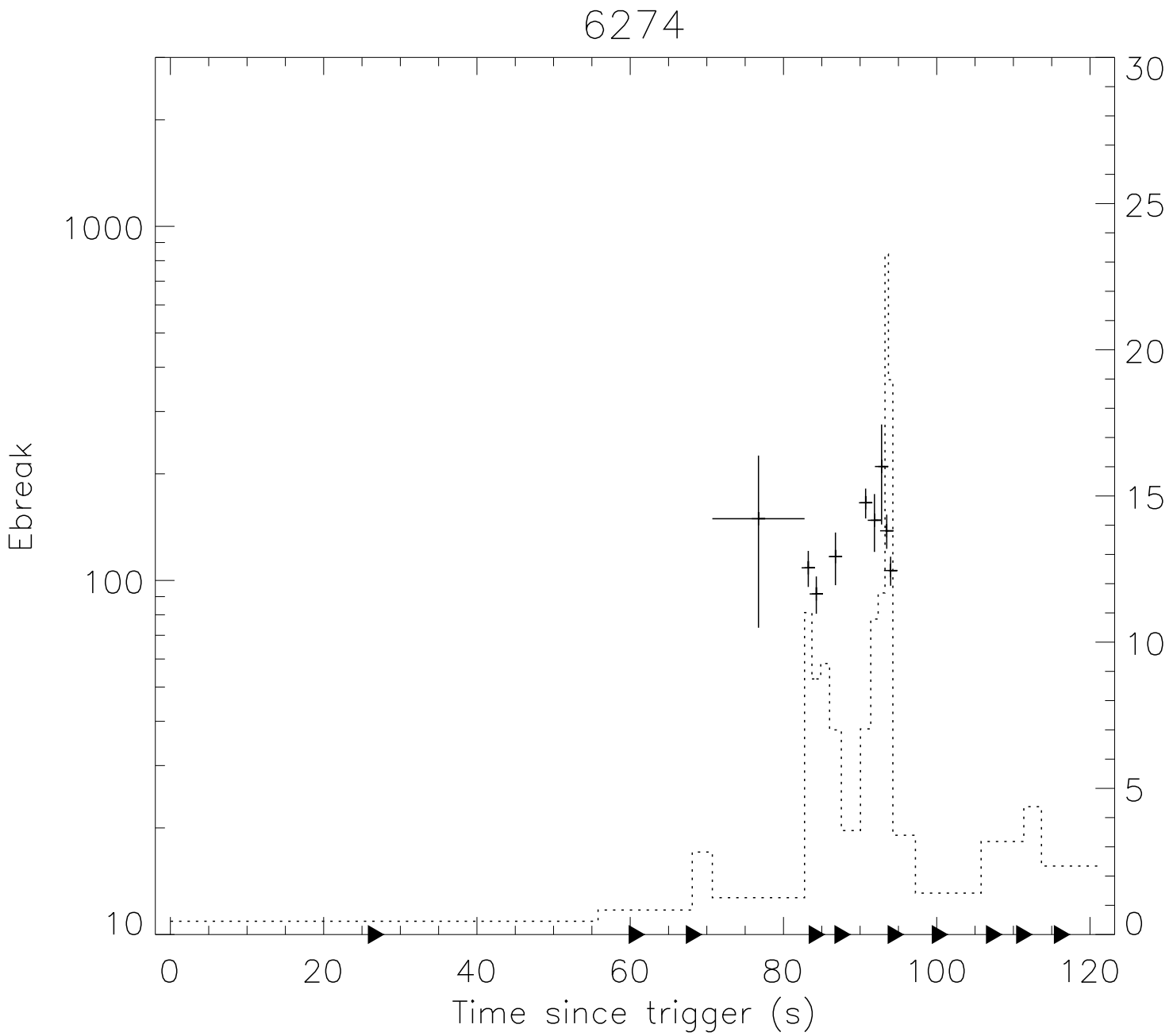

6168
Ebreak
1000
100
10
0
10
20
30
40
50
60
Time since trigger (s)
40
30
20
10
0

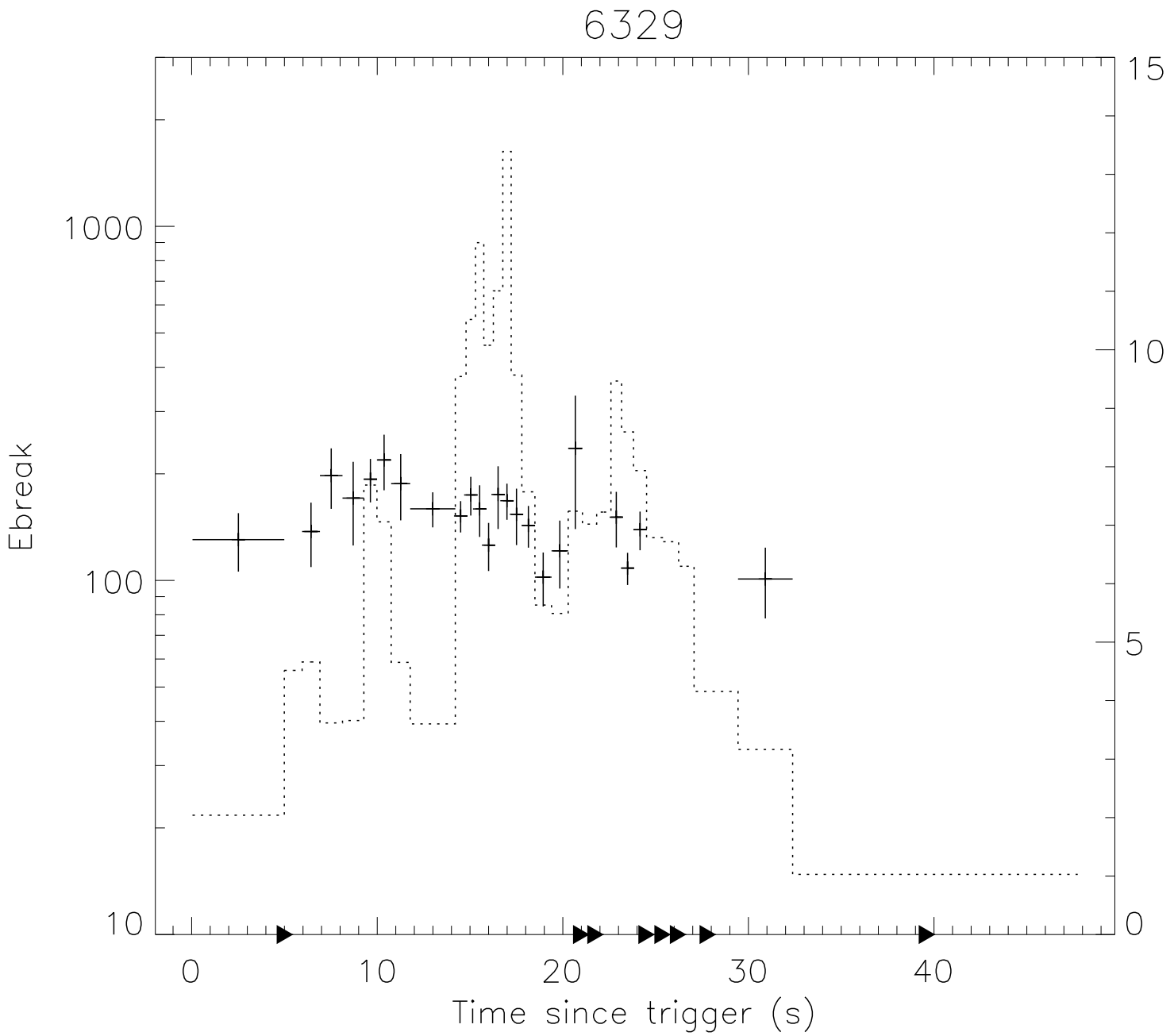

6198
Ebreak
1000
100
10
150
100
50
0
0
5
10
15
Time since trigger (s)

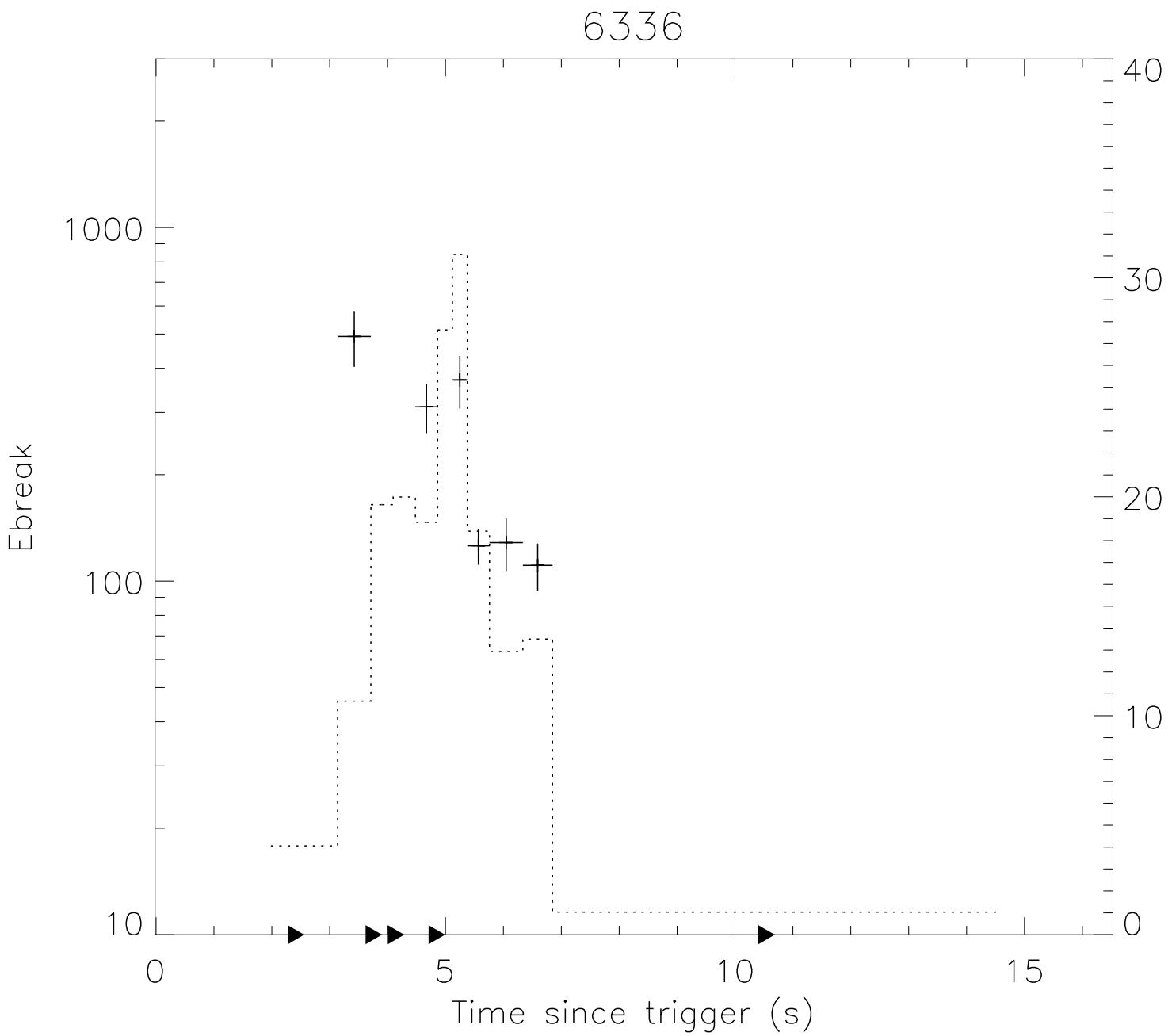

6235
1000
100
10
Ebreak
40
35
30
25
20
15
10
5
0
2
4
6
Time since trigger (s)

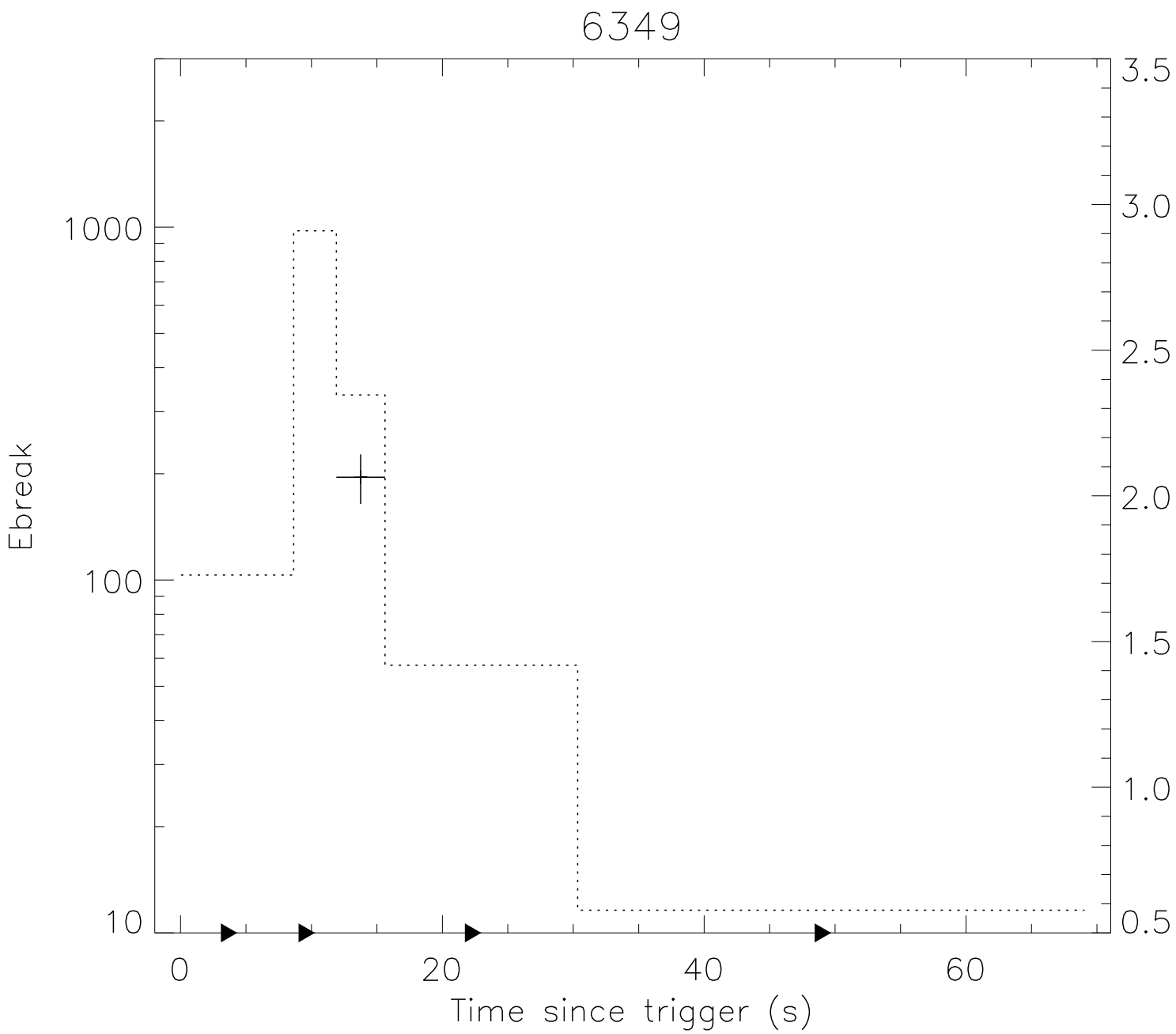

6249
Ebreak
1000
100
10
2.5
2.0
1.5
1.0
0.5
0.0
0
10
20
30
40
50
60
Time since trigger (s)

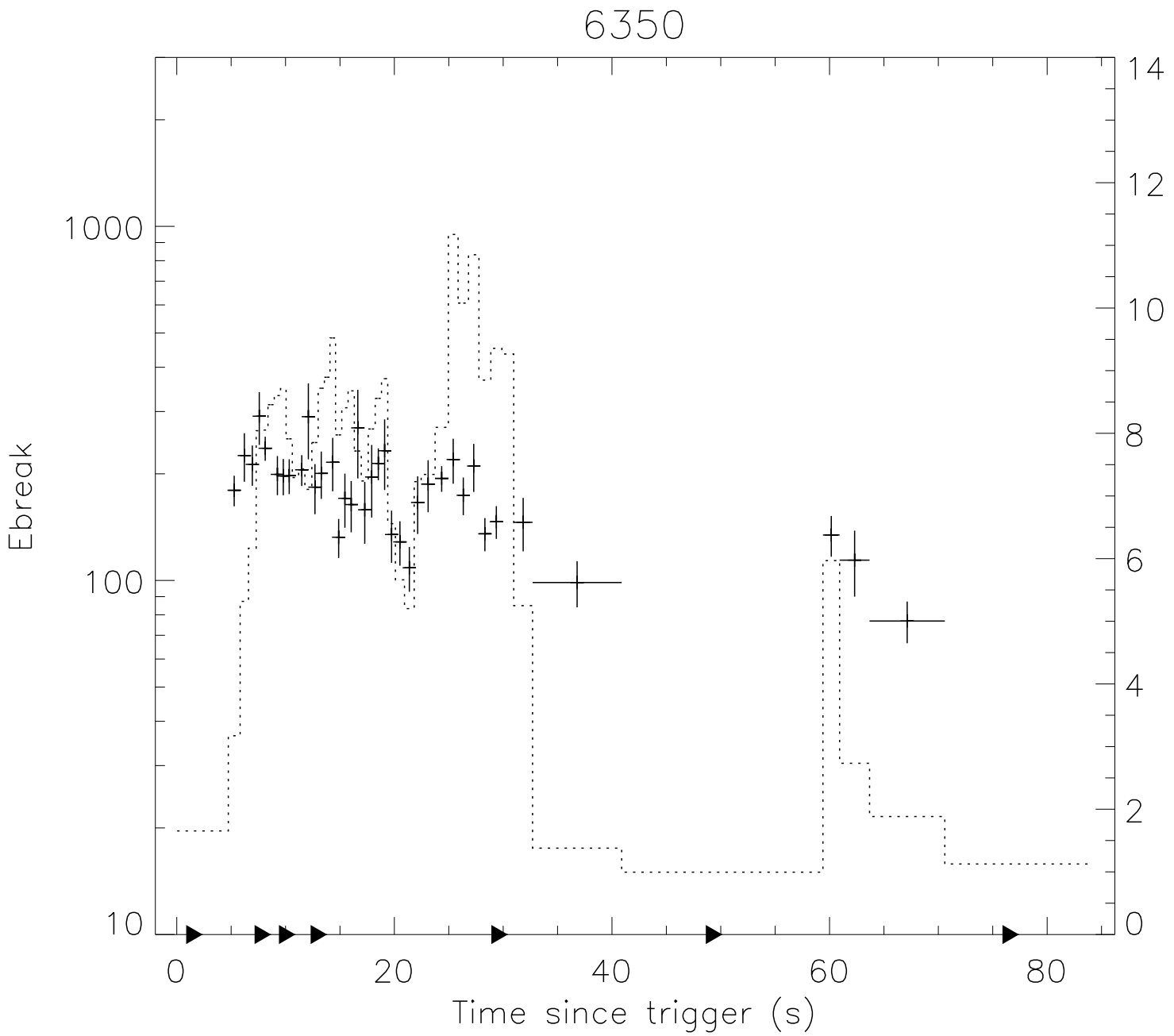

6266
1000
100
10
Ebreak
0
10
20
30
40
50
Time since trigger (s)
7
6
5
4
3
2
1
0

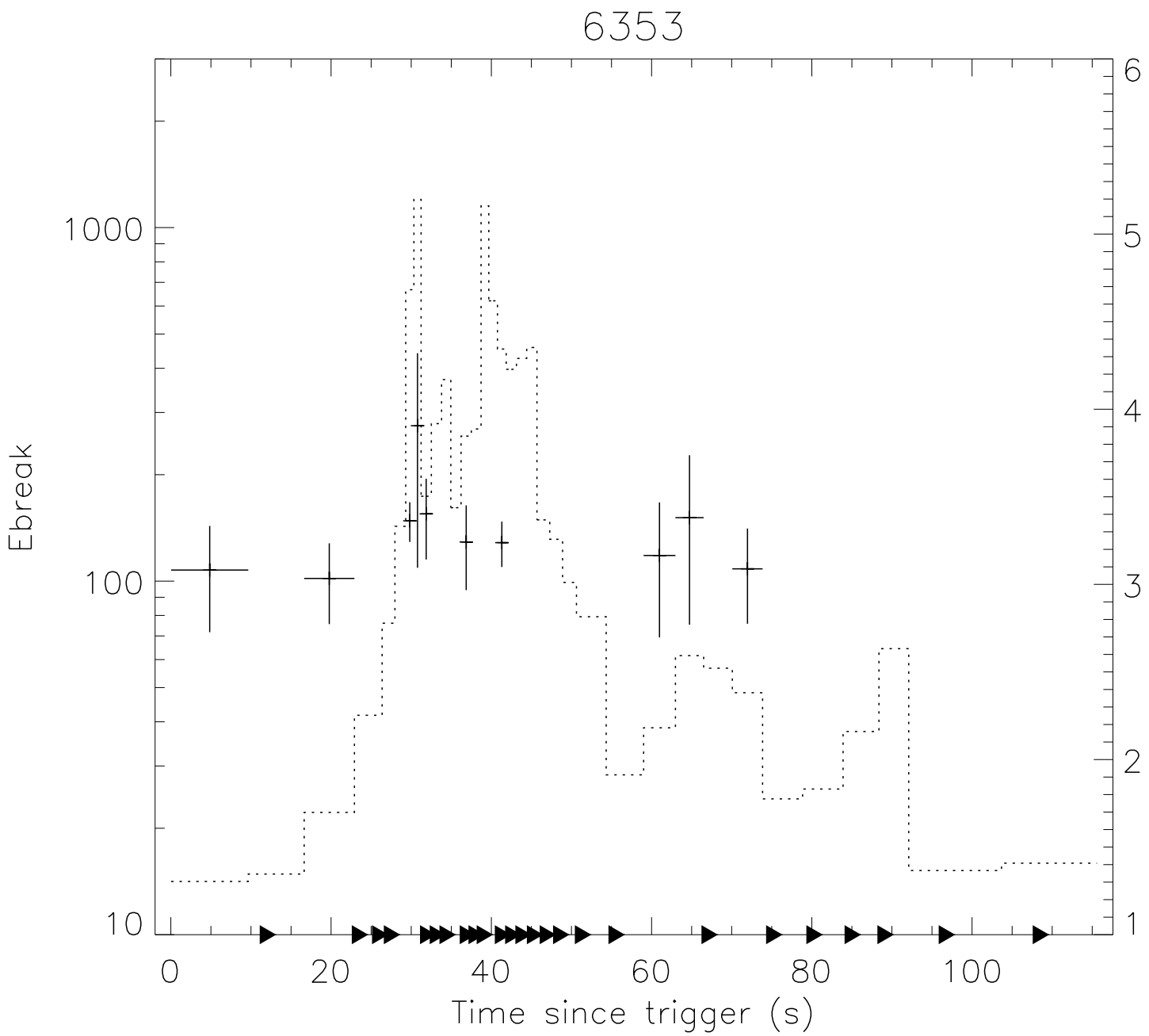

6274
Ebreak
1000
100
10
0
20
40
60
80
100
120
Time since trigger (s)
30
25
20
15
10
5
0

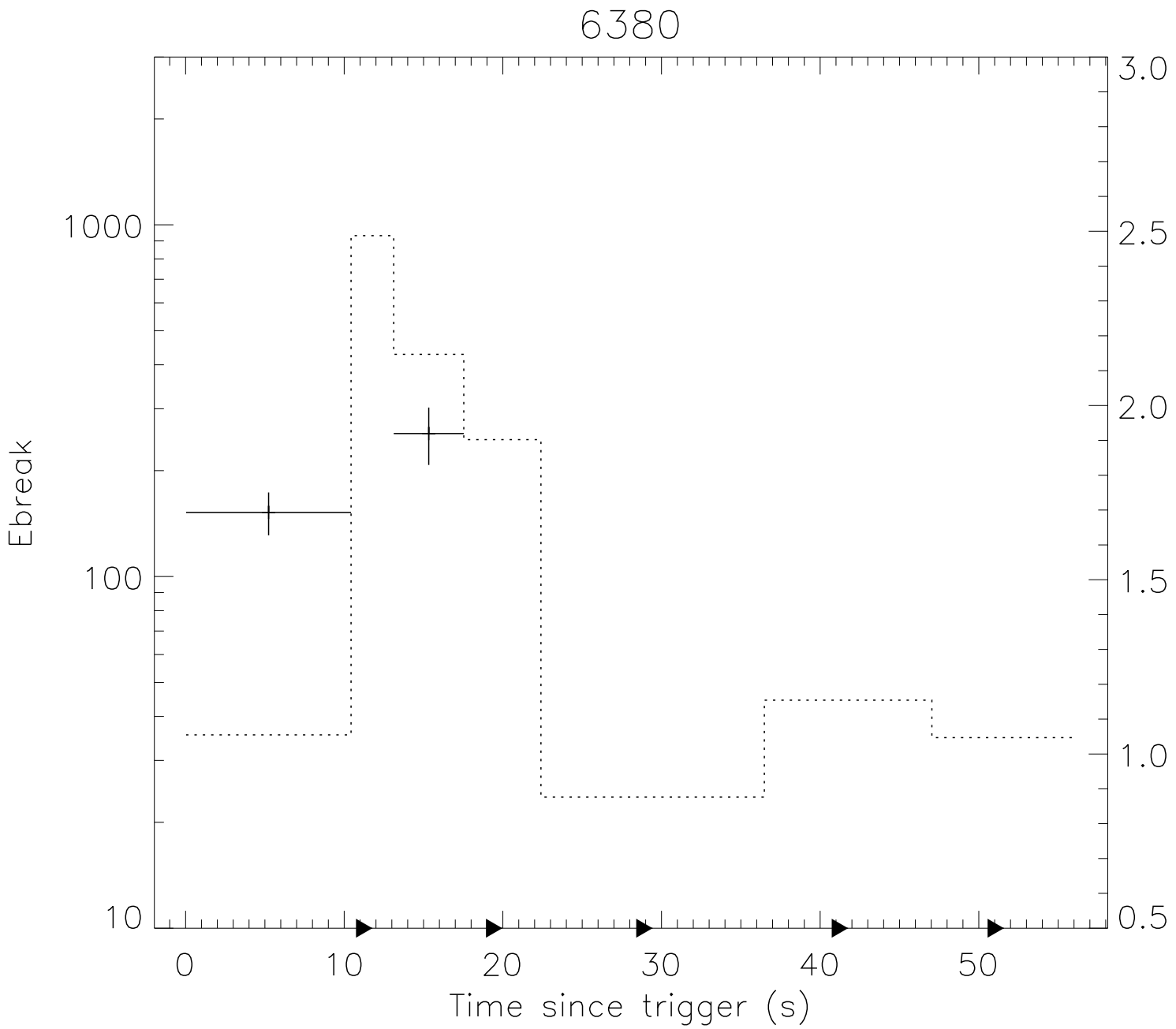

6329
Ebreak
1000
100
10
15
10
5
0
0
10
20
30
40
Time since trigger (s)

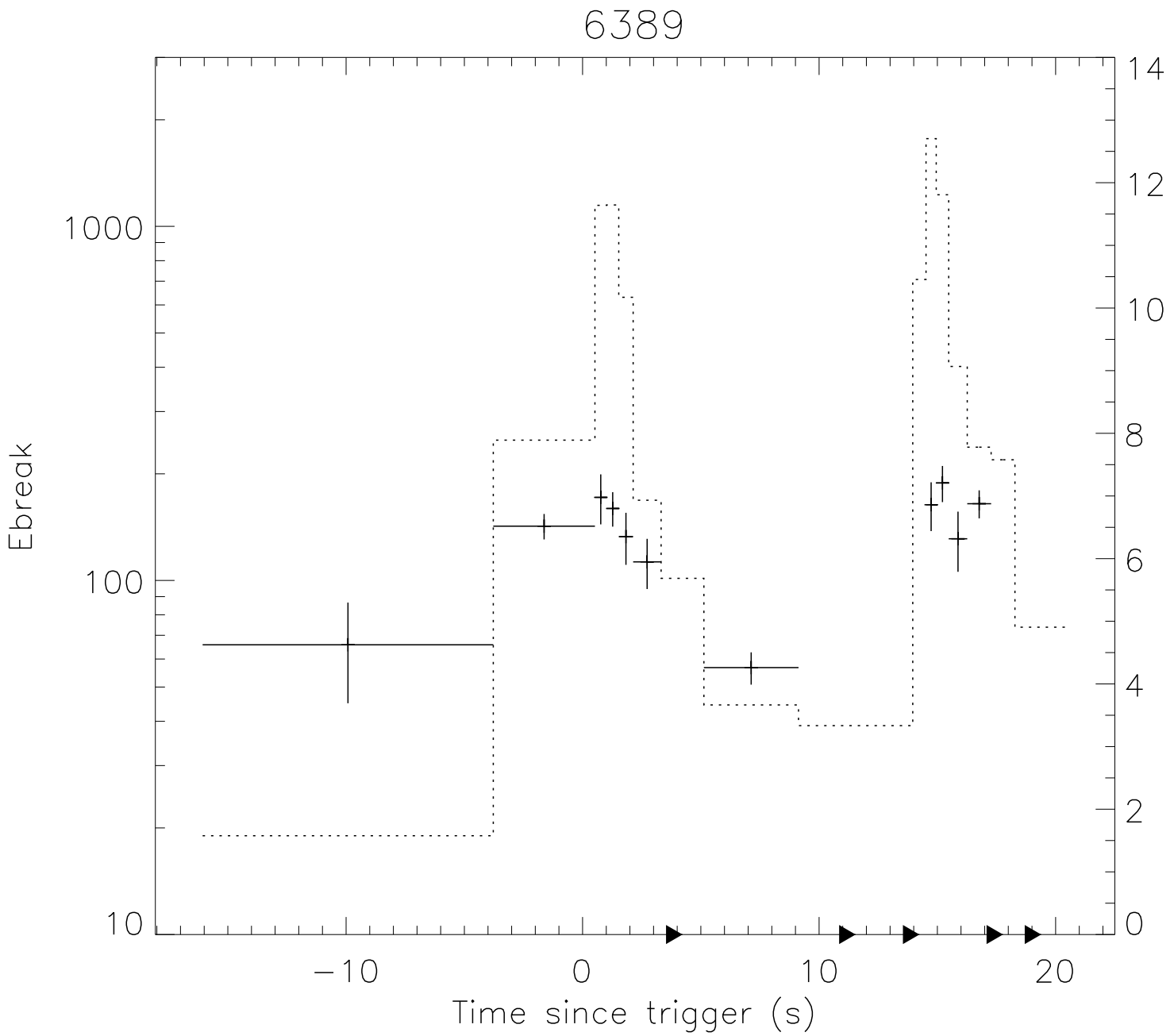

6336
Ebreak
1000
100
10
40
30
20
10
0
0
5
10
15
Time since trigger (s)

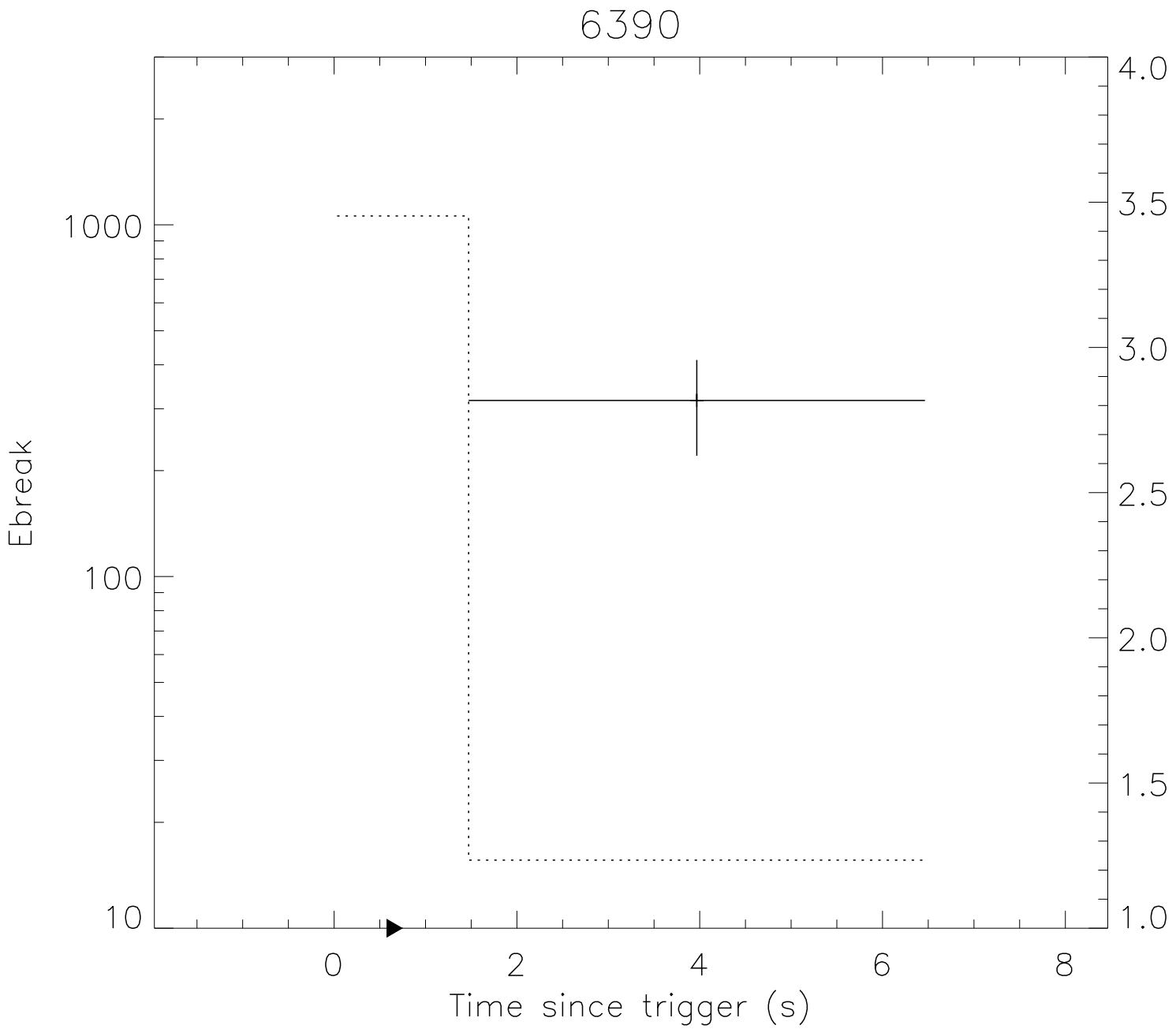

6349
1000
100
10
Ebreak
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
20
40
60
Time since trigger (s)

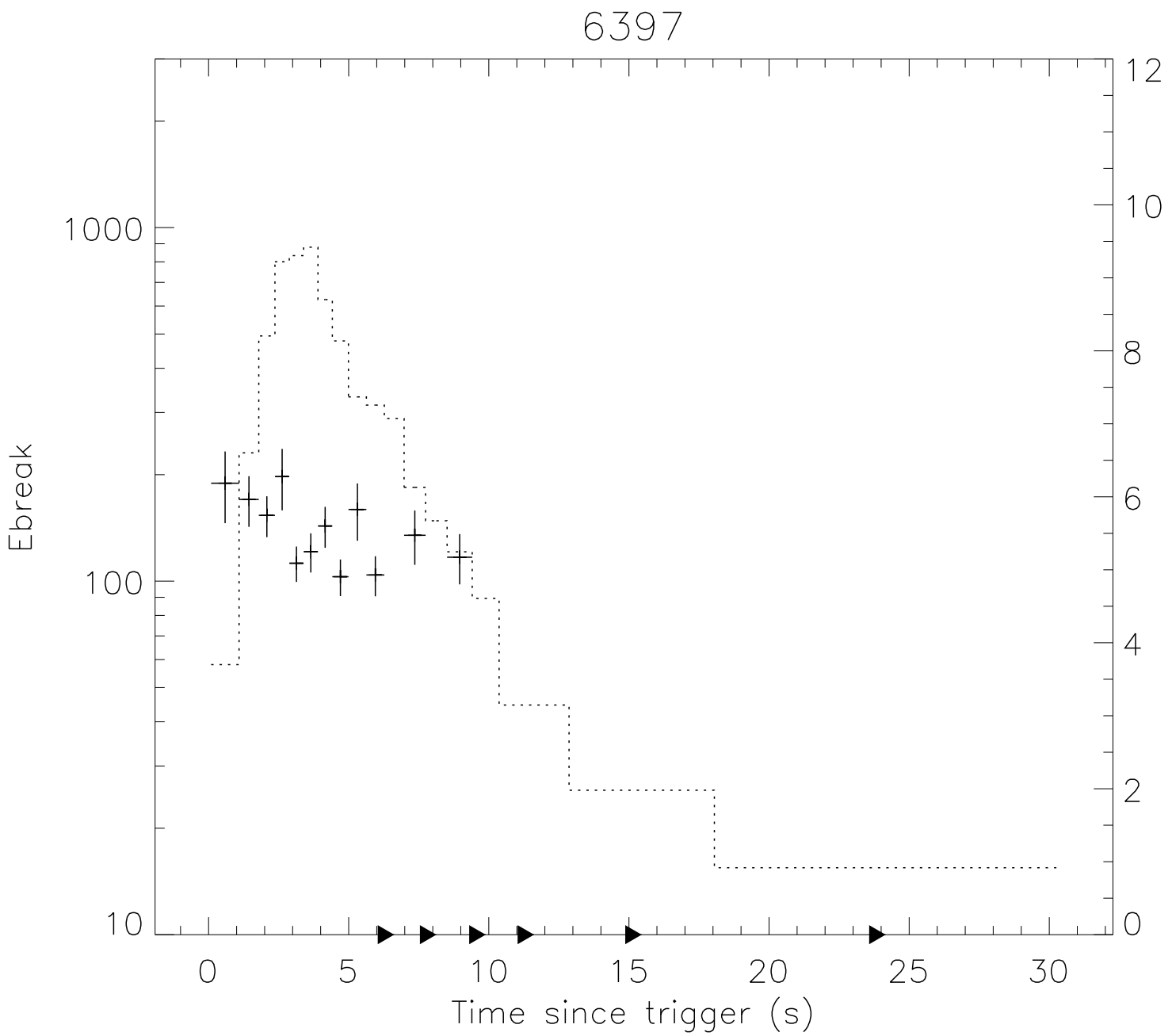

6350
Ebreak
1000
100
10
0
20
40
60
80
Time since trigger (s)
14
12
10
8
6
4
2
0

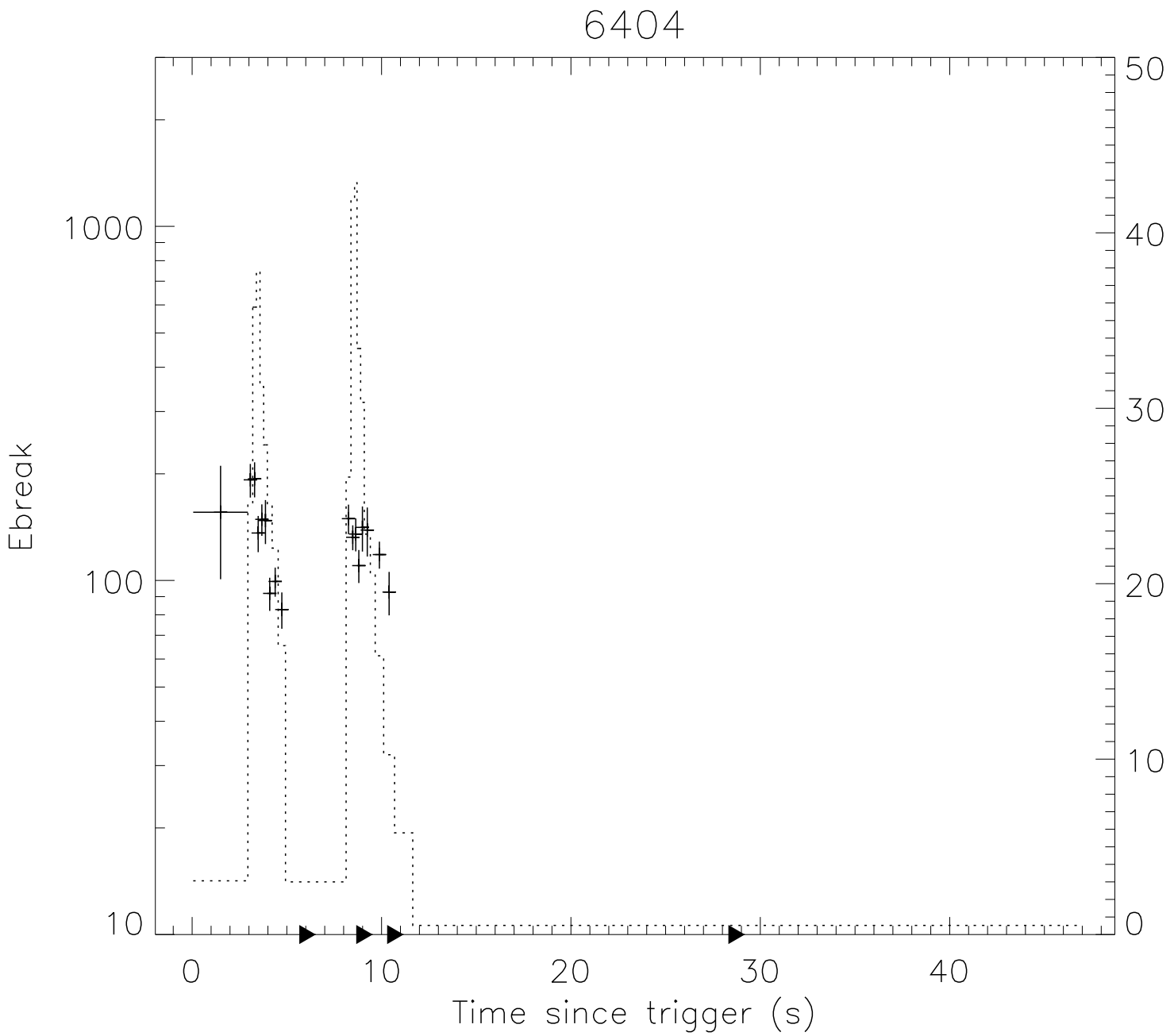

6353
1000
100
10
Ebreak
0
20
40
60
80
100
Time since trigger (s)
6
5
4
3
2
1

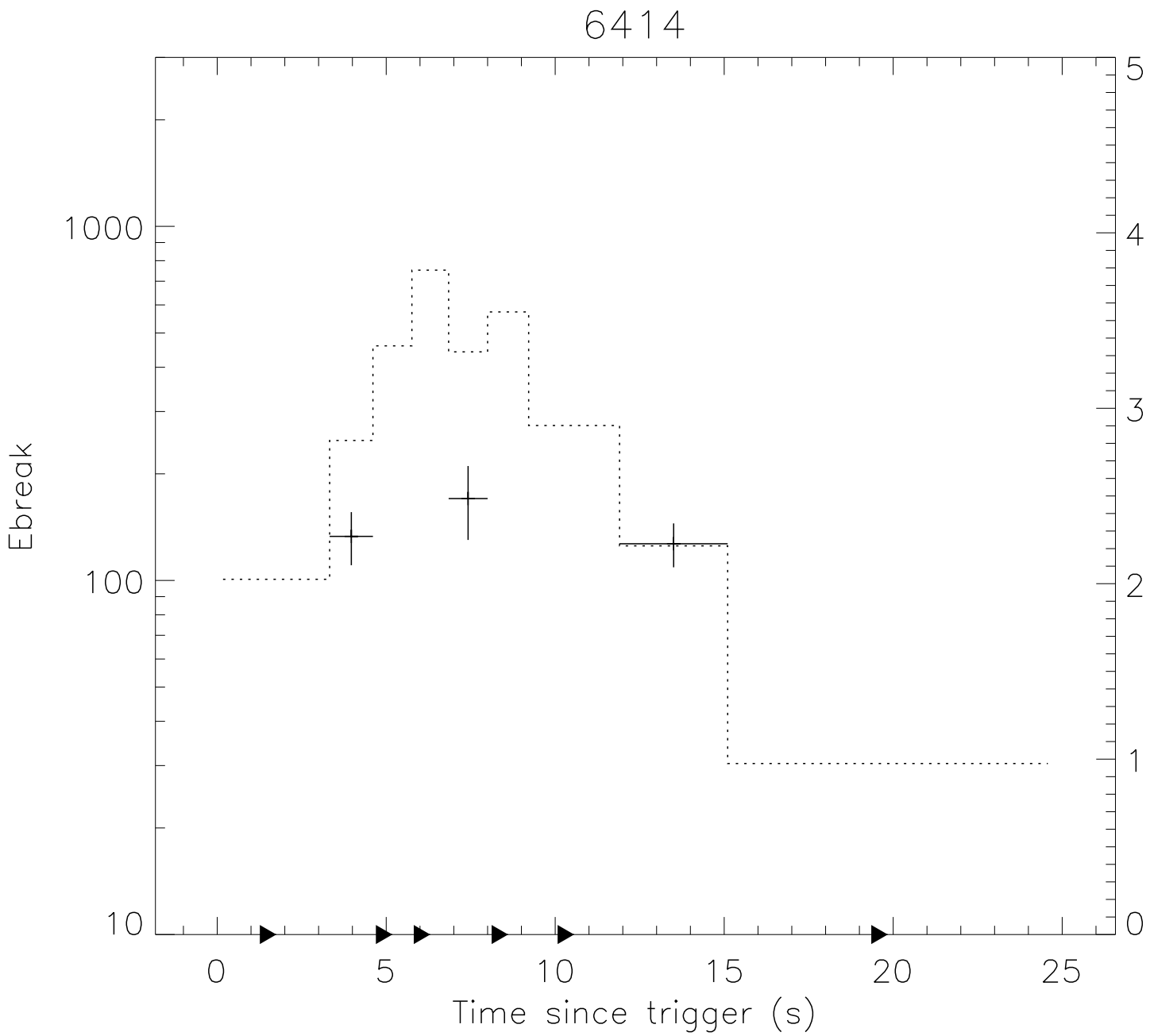

6380
Ebreak
1000
100
10
3.0
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40
50
Time since trigger (s)

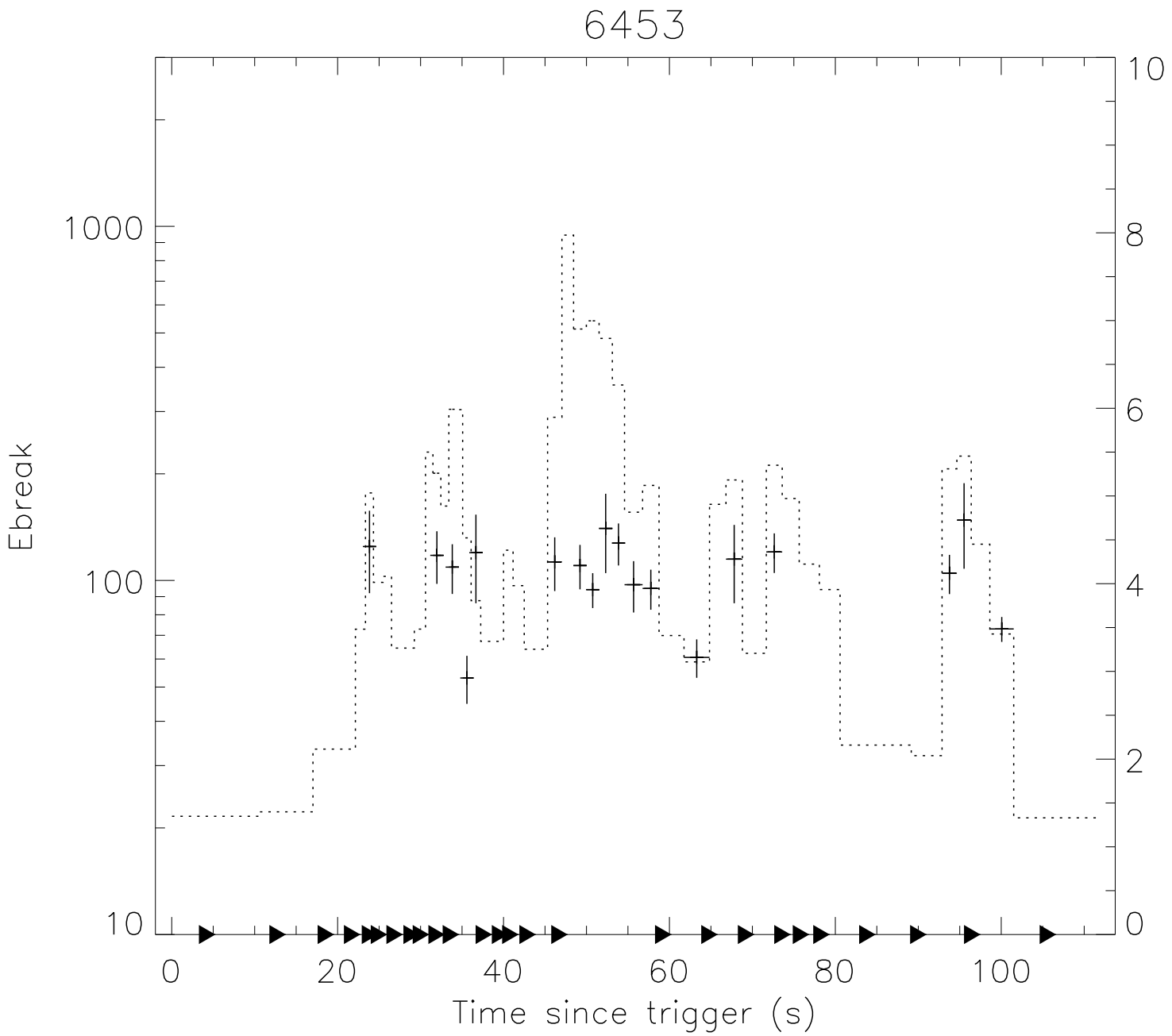

6389
Ebreak
1000
100
10
14
12
10
8
6
4
2
0
−10
0
10
20
Time since trigger (s)

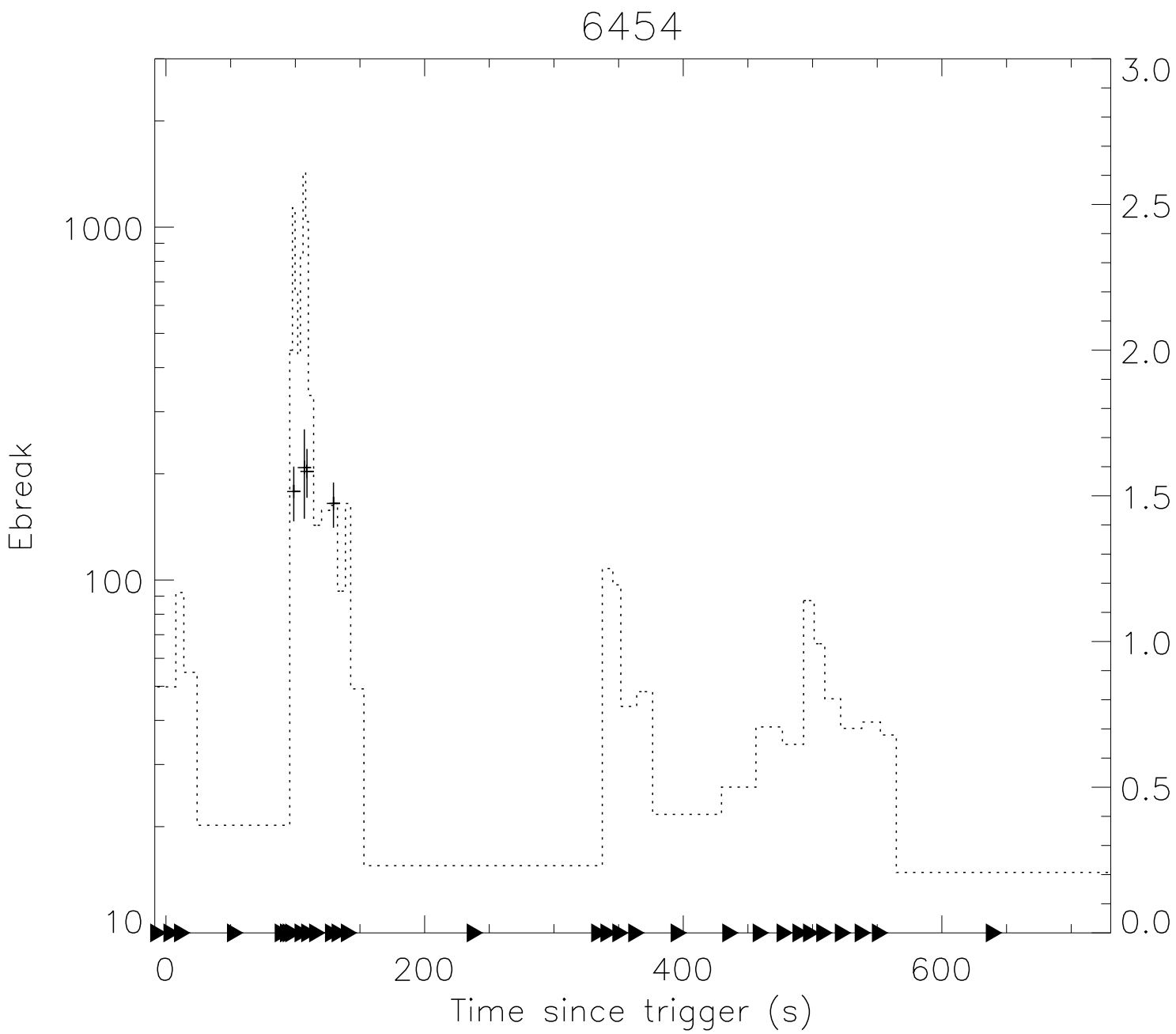

6390
1000
100
10
Ebreak
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
2
4
6
8
Time since trigger (s)

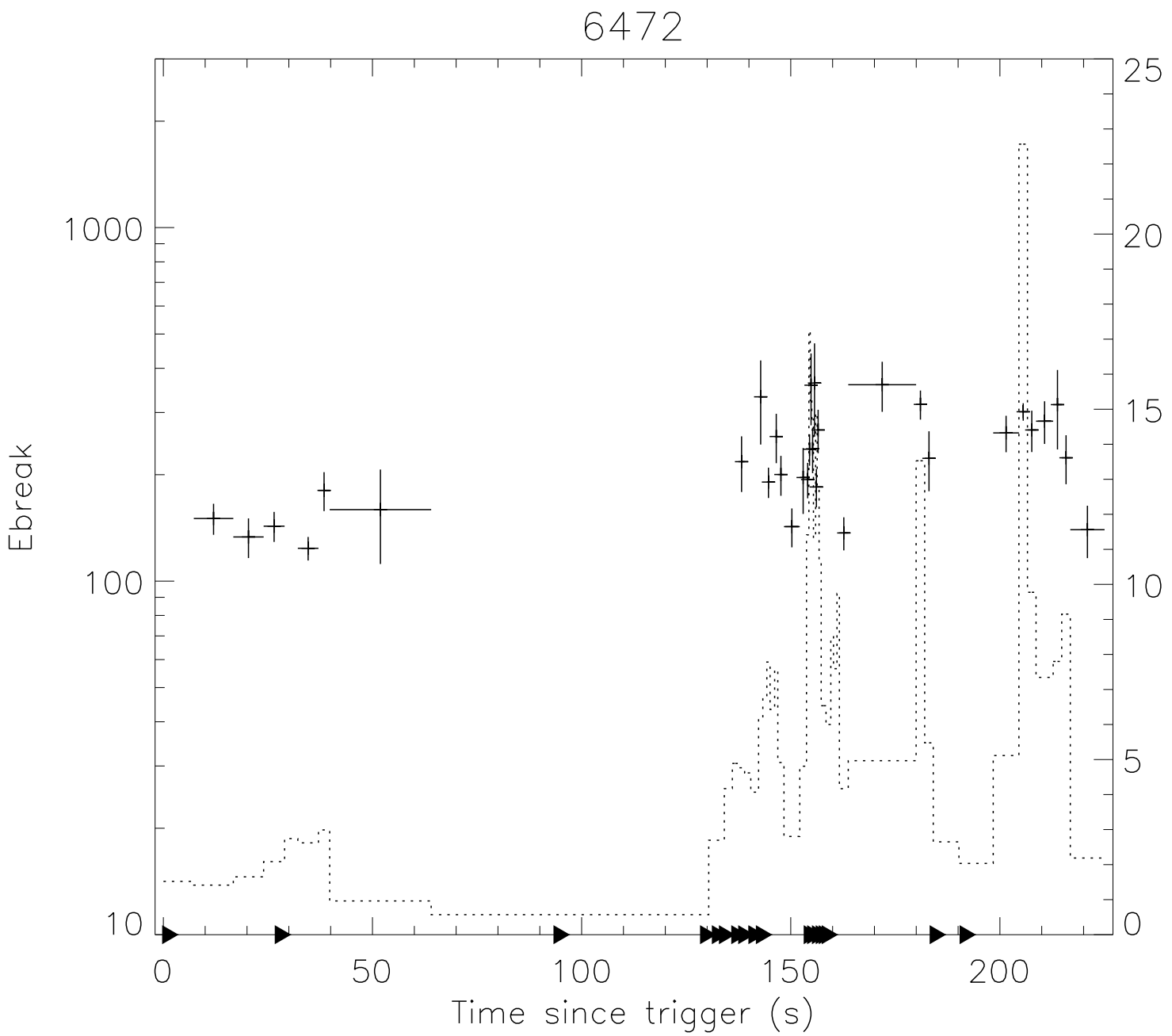

6397
1000
100
10
Ebreak
0
5
10
15
20
25
30
Time since trigger (s)
12
10
8
6
4
2
0

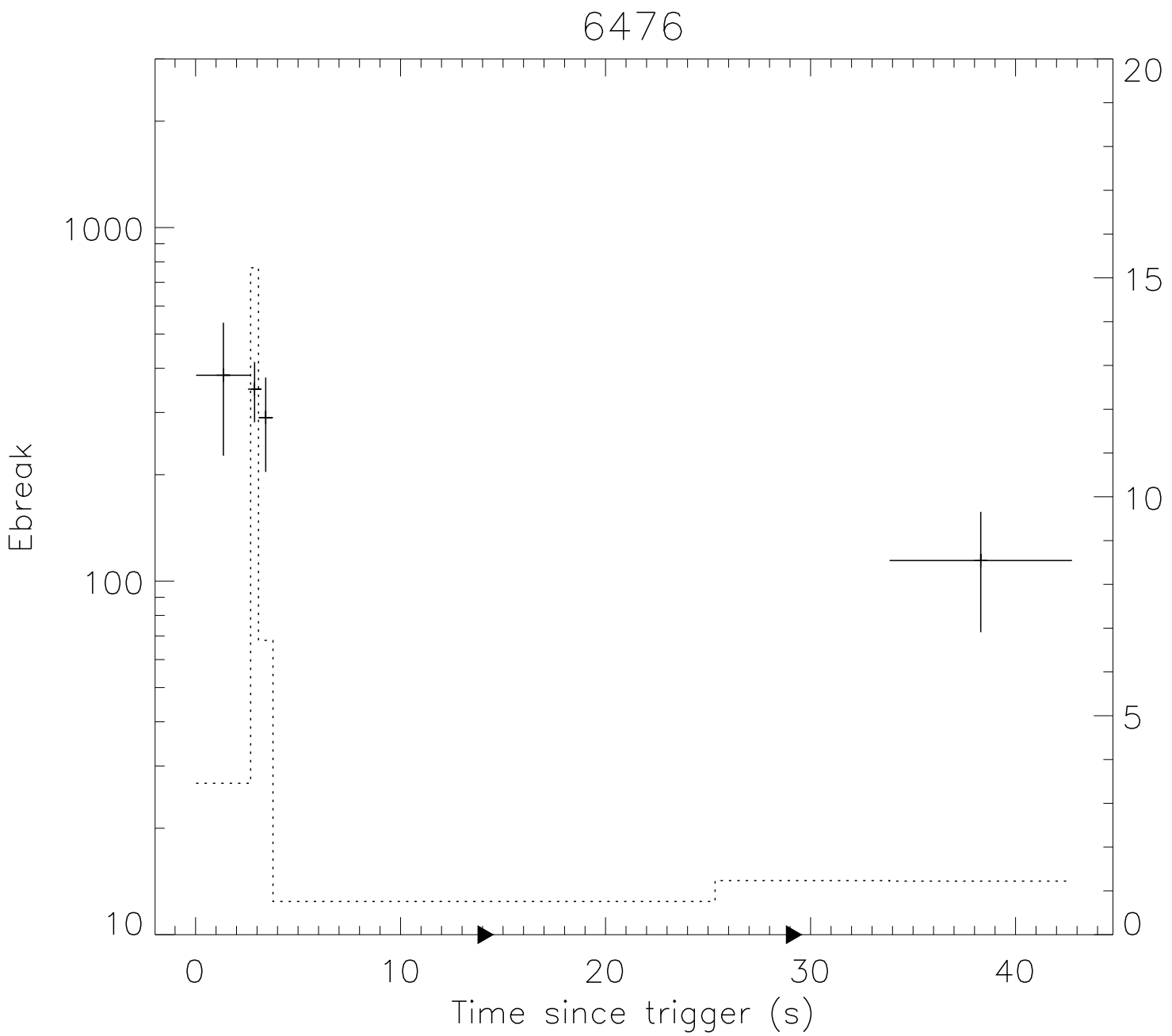

6404
Ebreak
1000
100
10
50
40
30
20
10
0
0
10
20
30
40
Time since trigger (s)

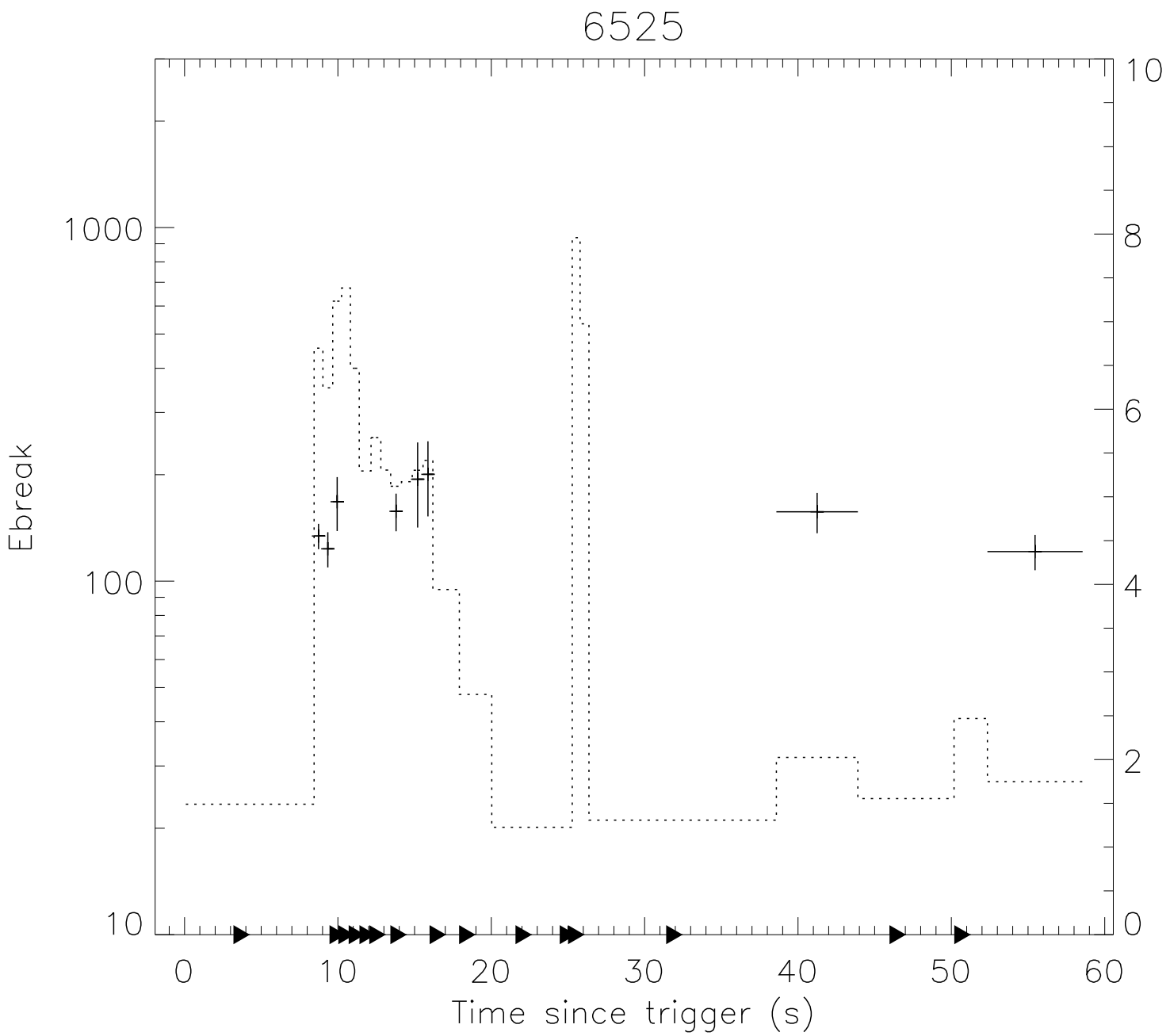

6414
1000
100
10
Ebreak
0
5
10
15
20
25
Time since trigger (s)
5
4
3
2
1
0

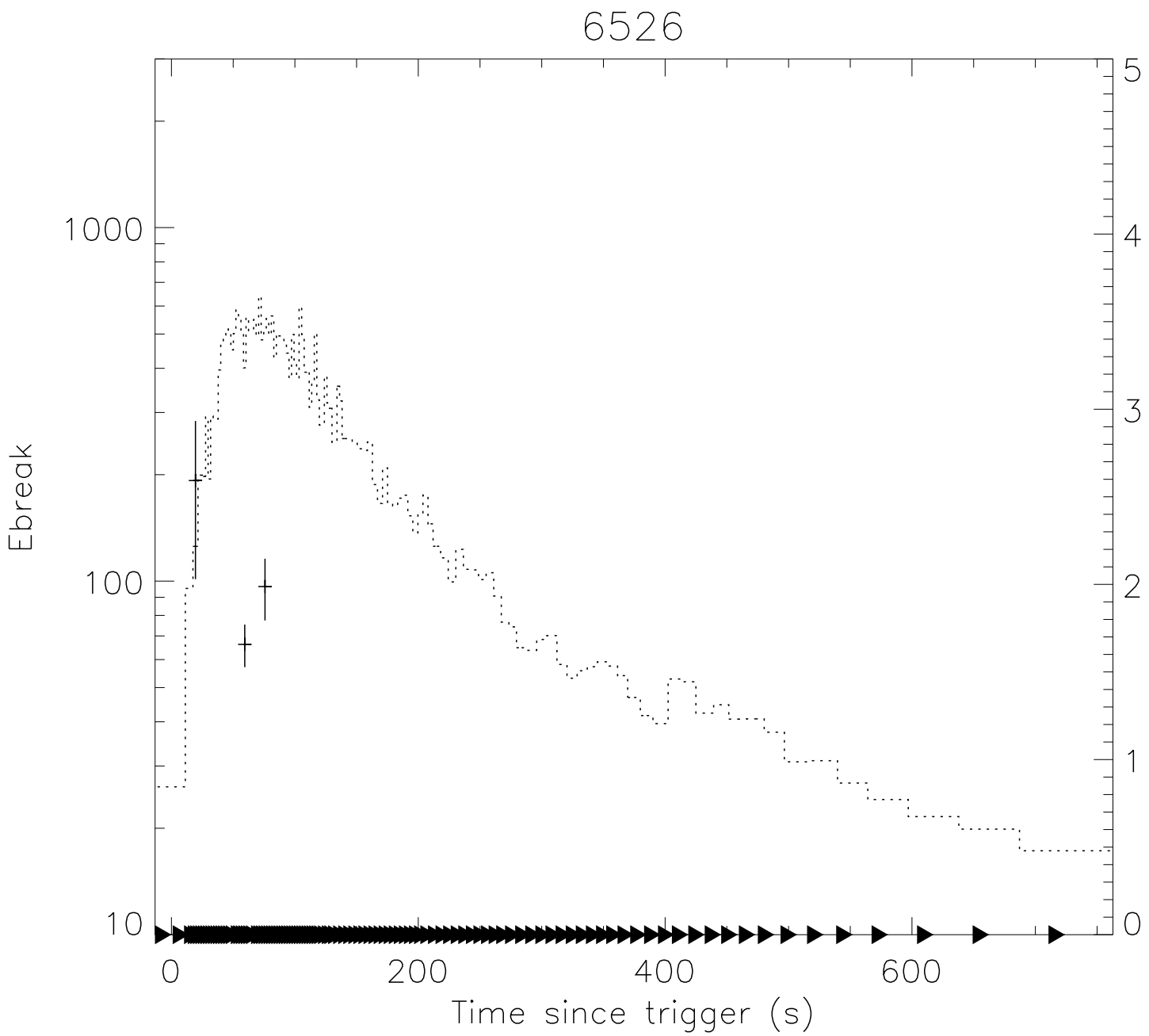

6453
Ebreak
1000
100
10
10
8
6
4
2
0
0
20
40
60
80
100
Time since trigger (s)

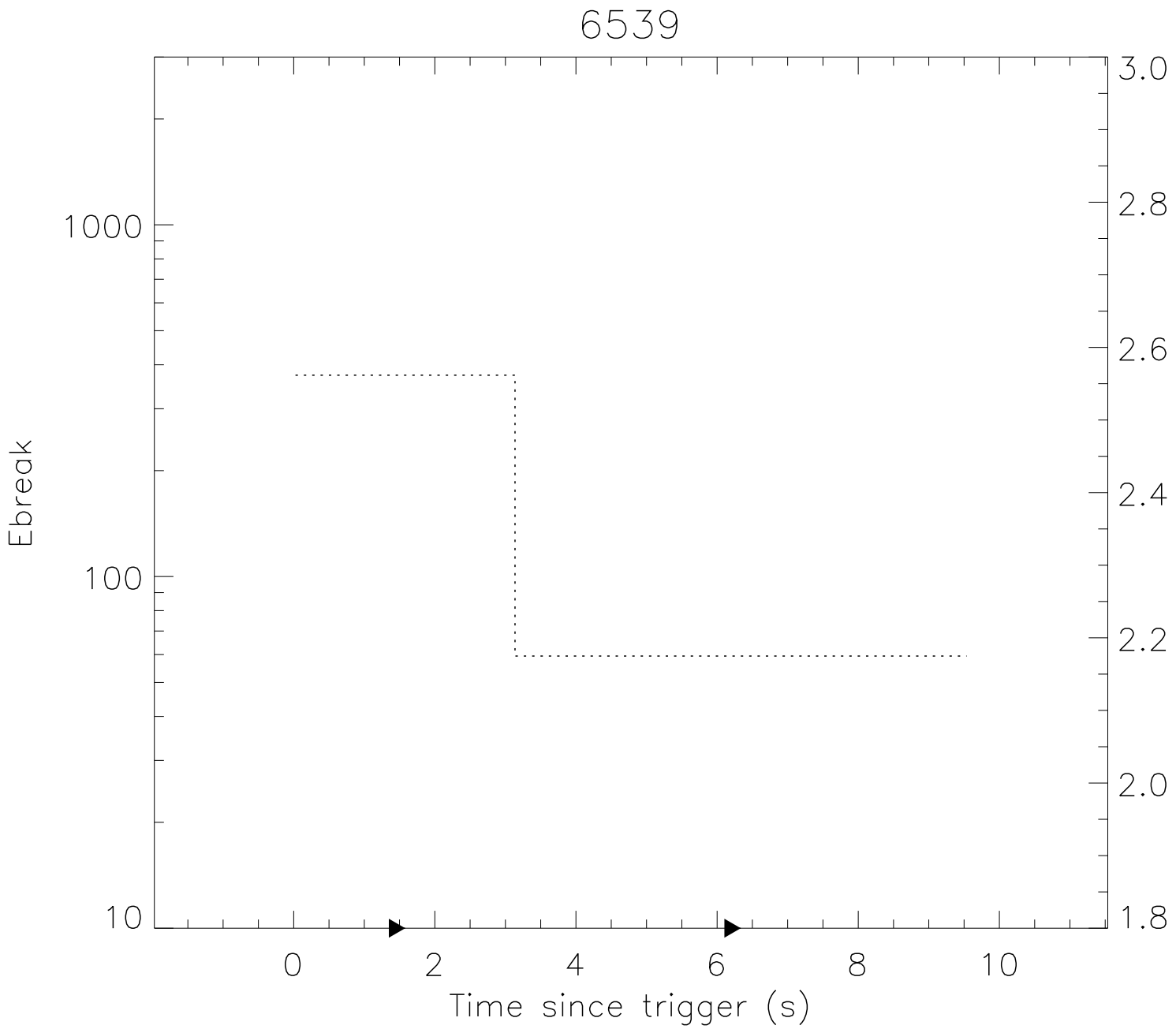

6454
Ebreak
1000
100
10
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
200
400
600
Time since trigger (s)

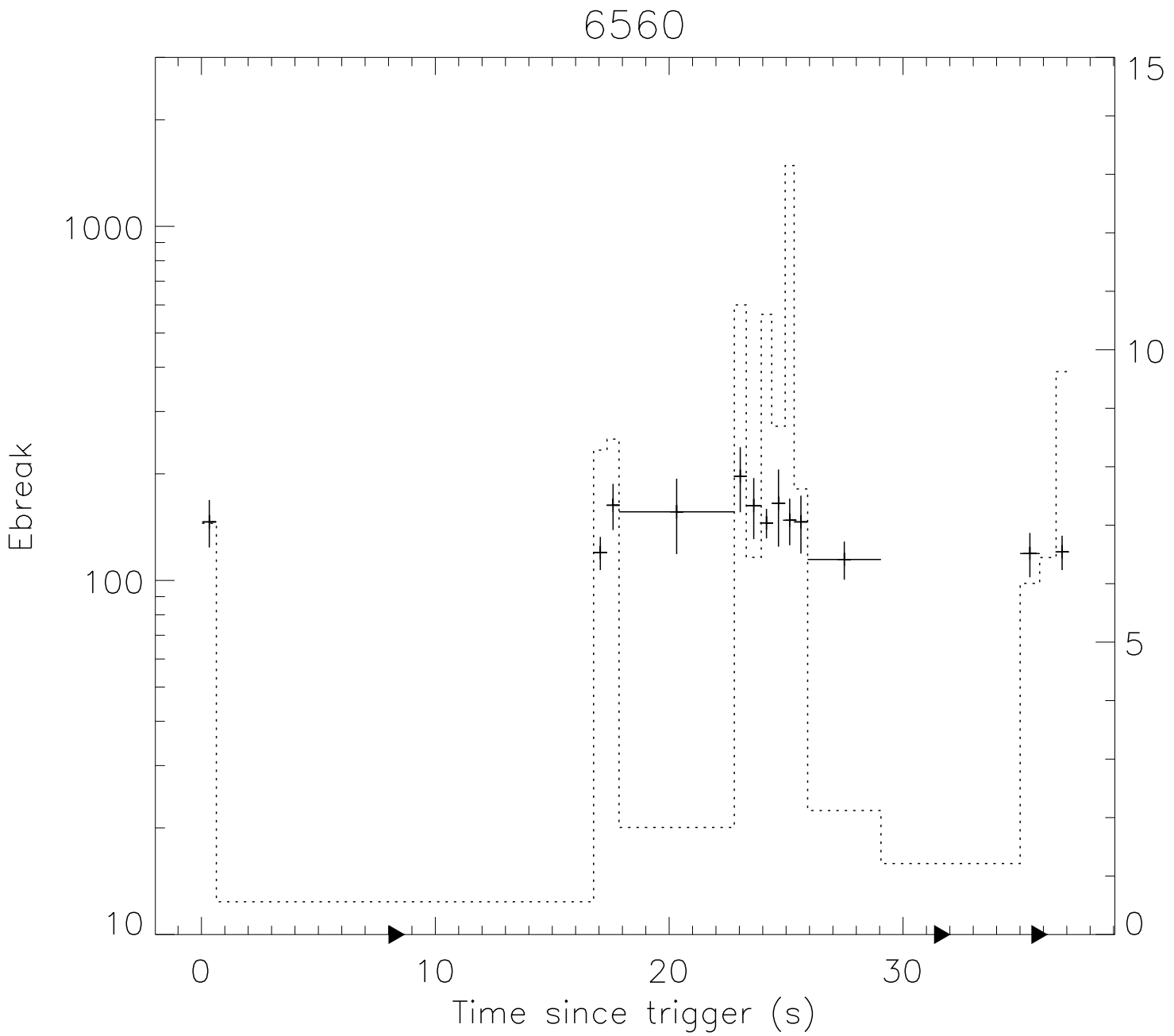

6472
Ebreak
1000
100
10
25
20
15
10
5
0
0
50
100
150
200
Time since trigger (s)

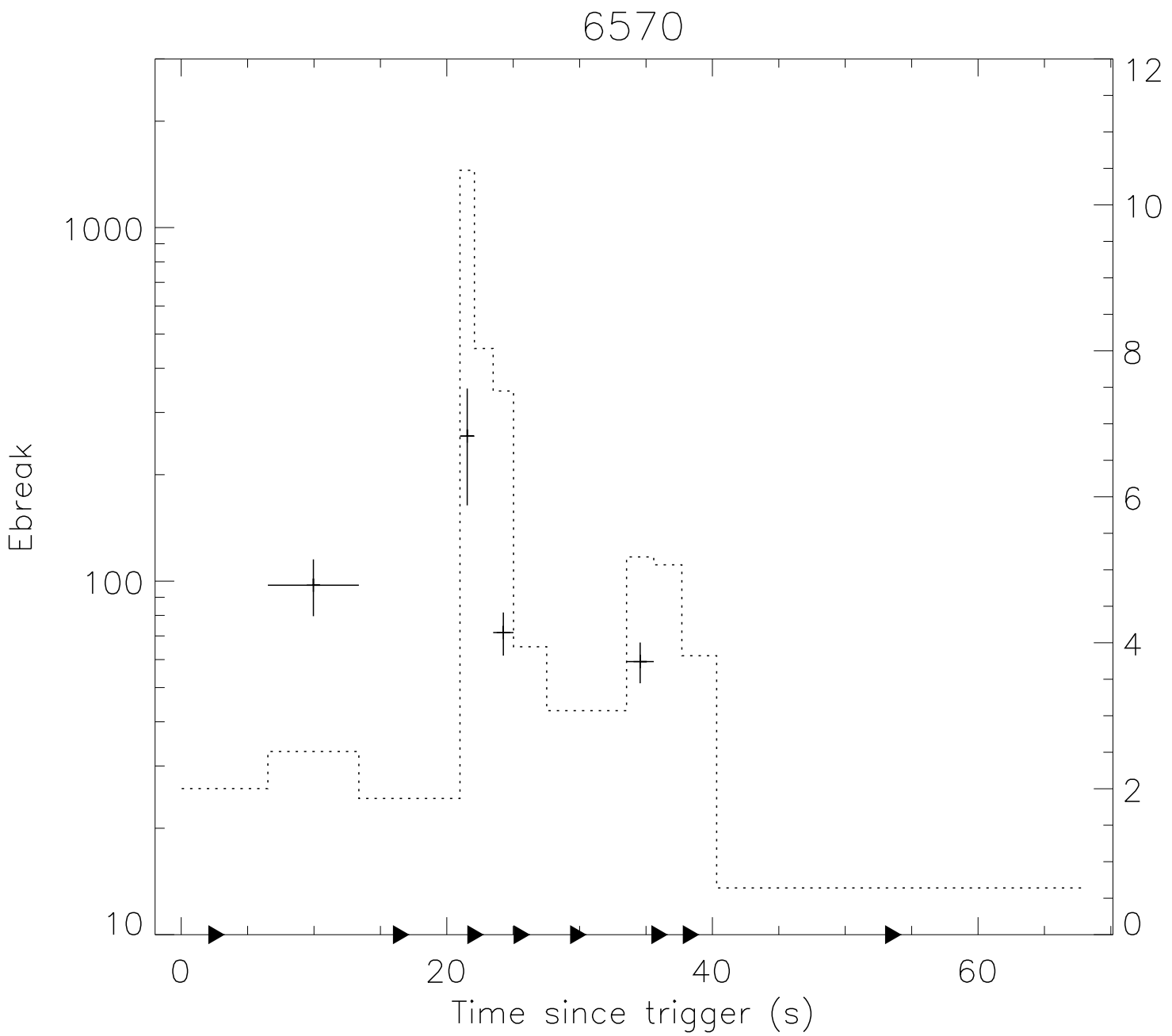

6476
Ebreak
1000
100
10
20
15
10
5
0
0
10
20
30
40
Time since trigger (s)

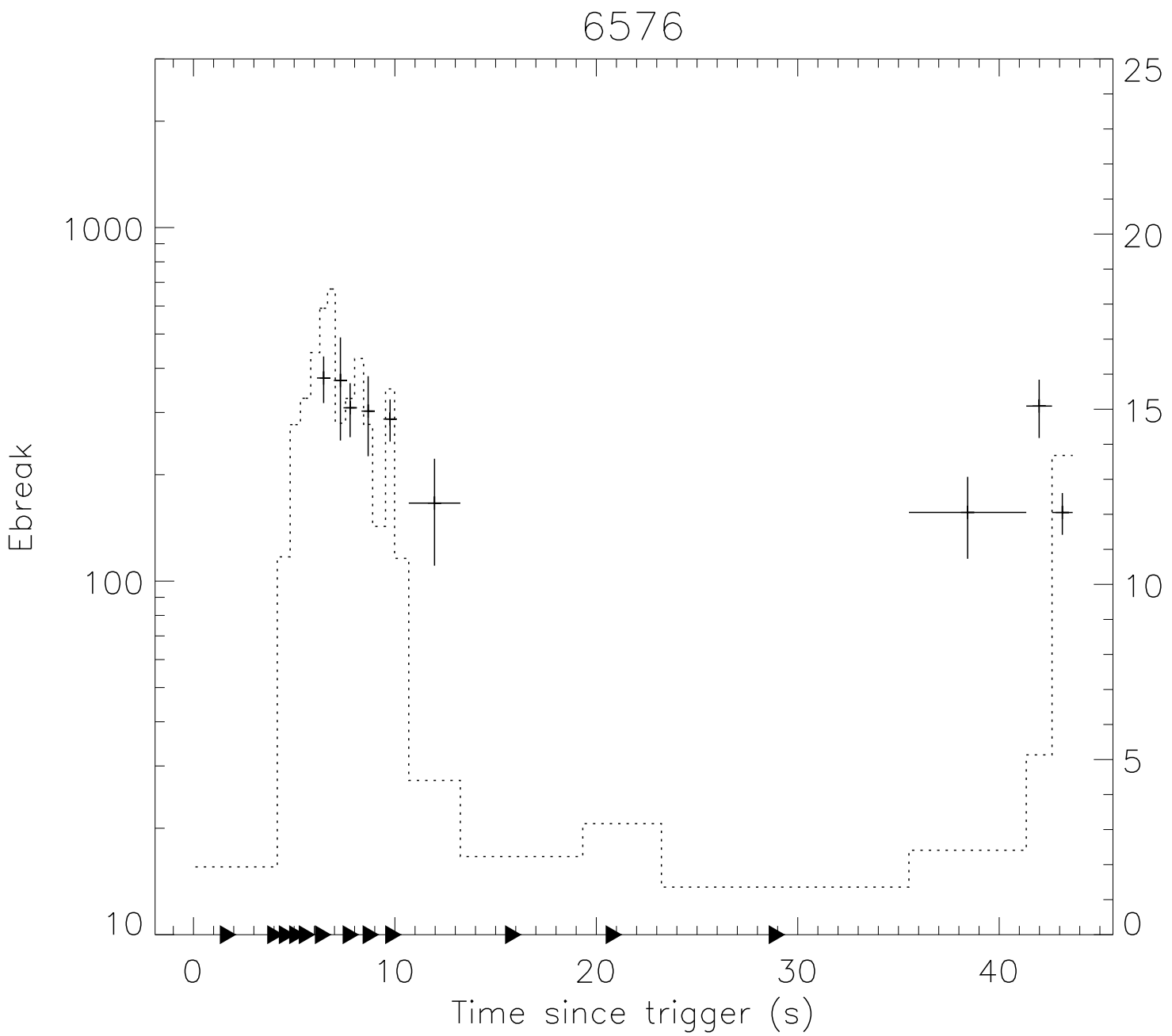

6525
Ebreak
1000
100
10
10
8
6
4
2
0
0
10
20
30
40
50
60
Time since trigger (s)

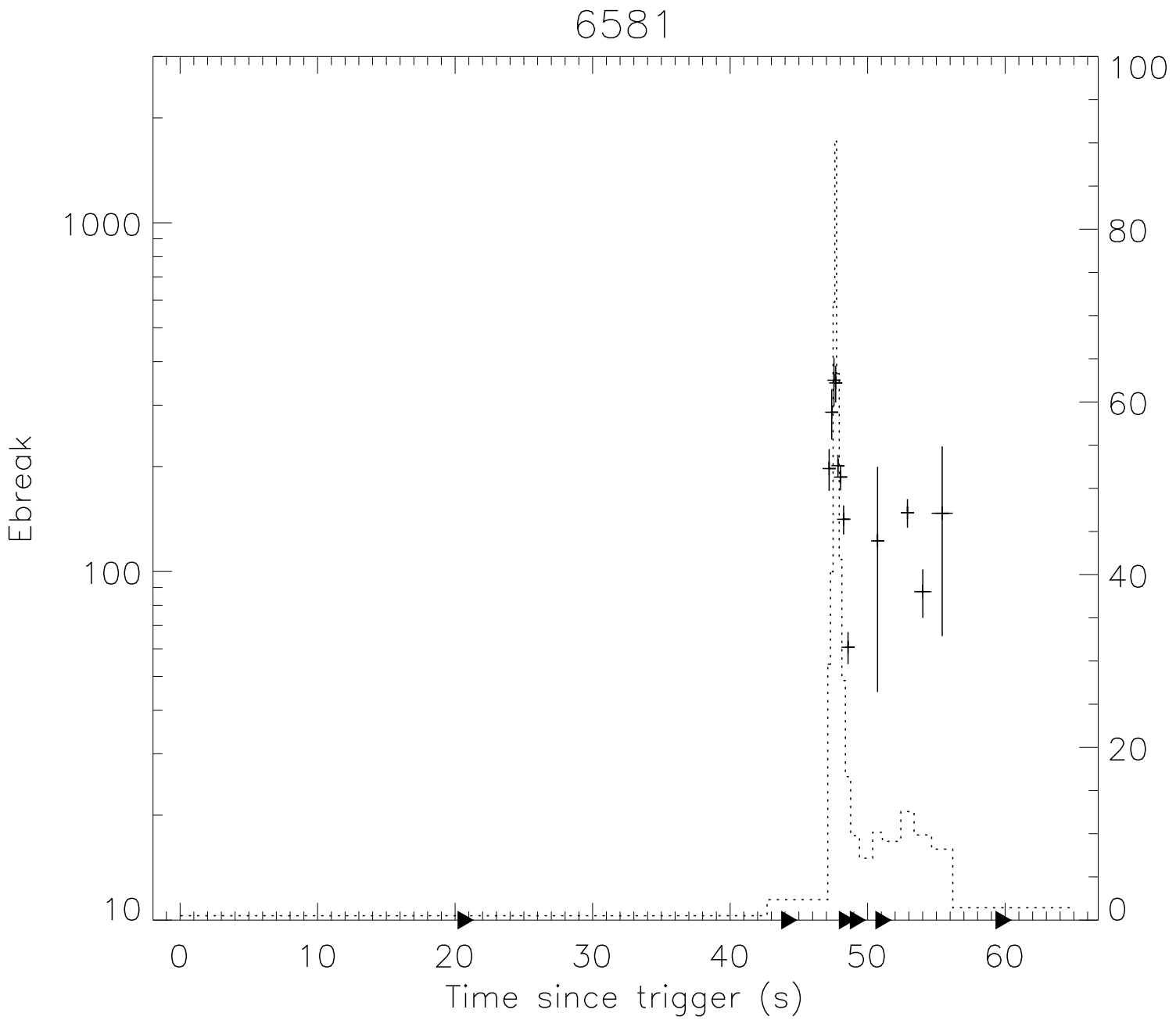

6526
1000
100
10
Ebreak
0
200
400
600
Time since trigger (s)
5
4
3
2
1
0

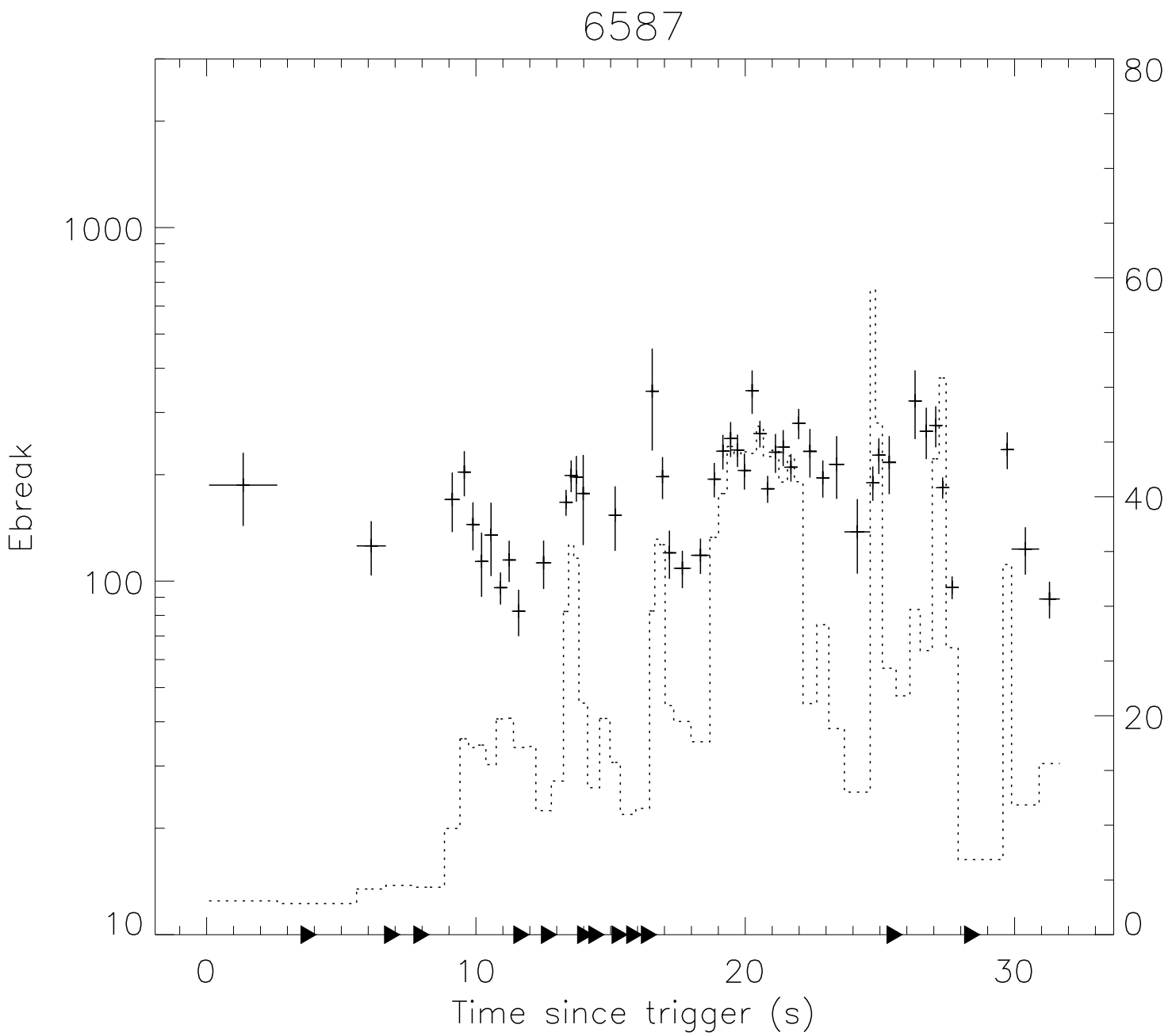

6539
1000
100
10
Ebreak
3.0
2.8
2.6
2.4
2.2
2.0
1.8
0
2
4
6
8
10
Time since trigger (s)

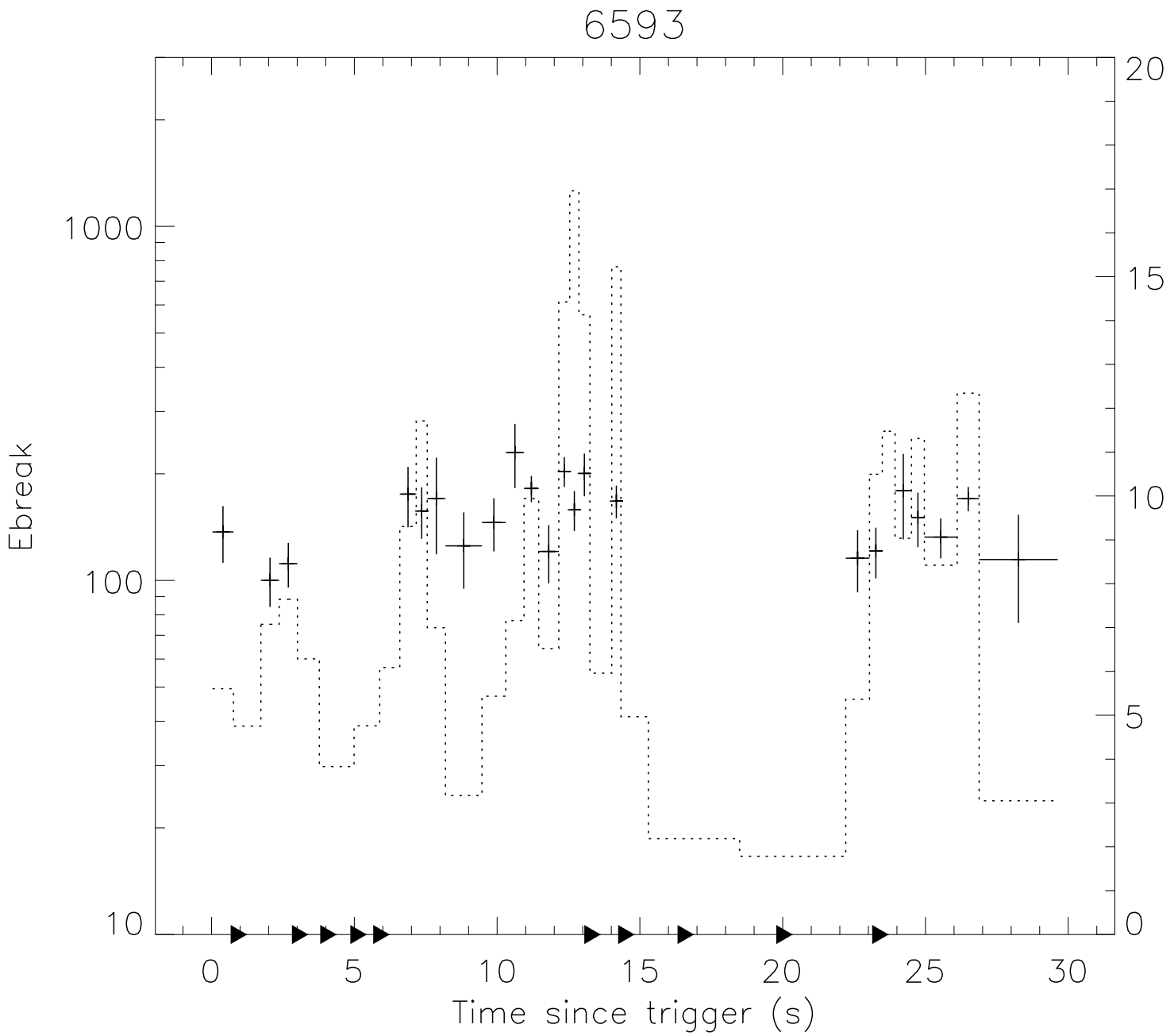

6560
Ebreak
1000
100
10
15
10
5
0
0
10
20
30
Time since trigger (s)

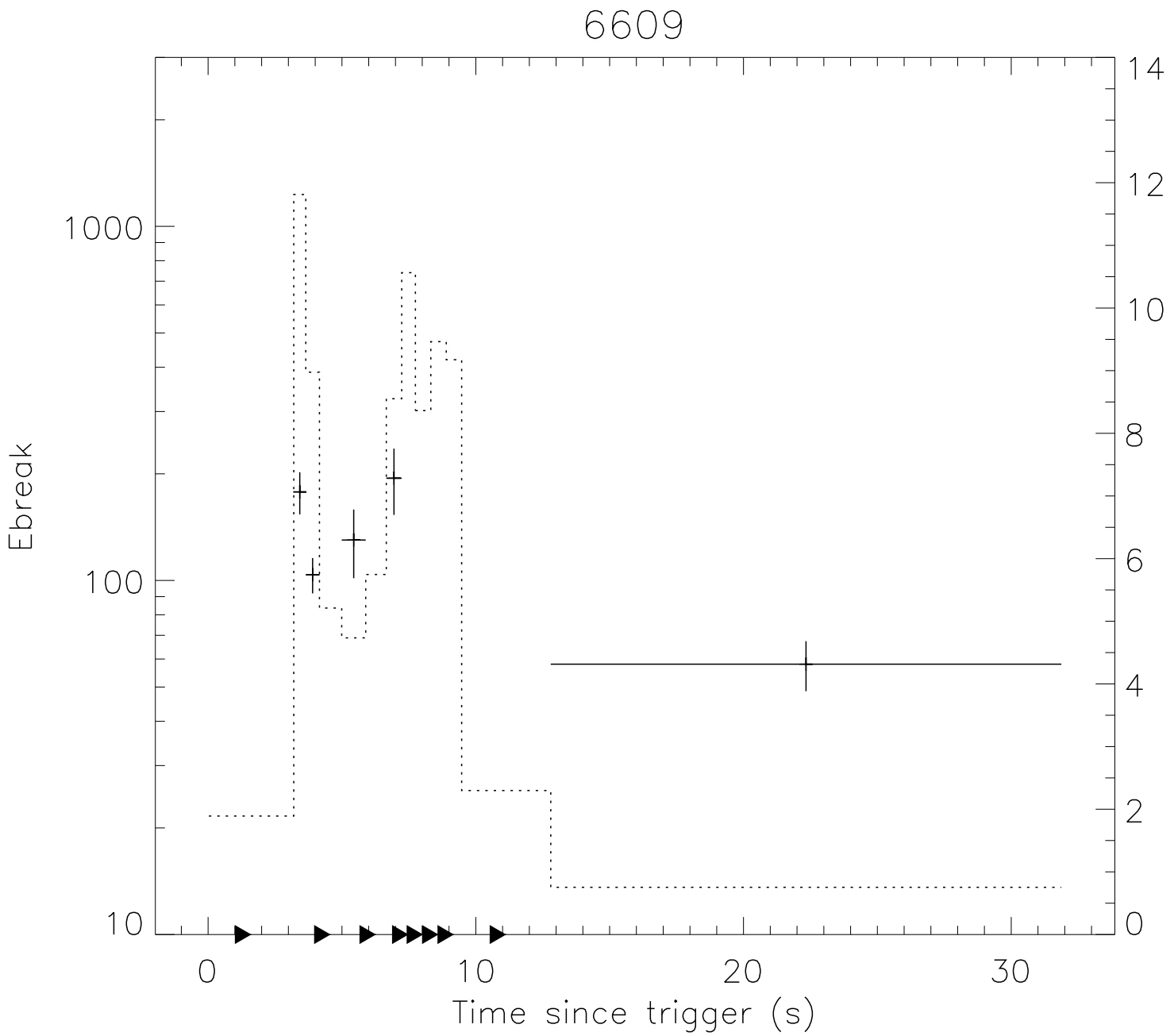

6570
Ebreak
1000
100
10
12
10
8
6
4
2
0
0
20
40
60
Time since trigger (s)

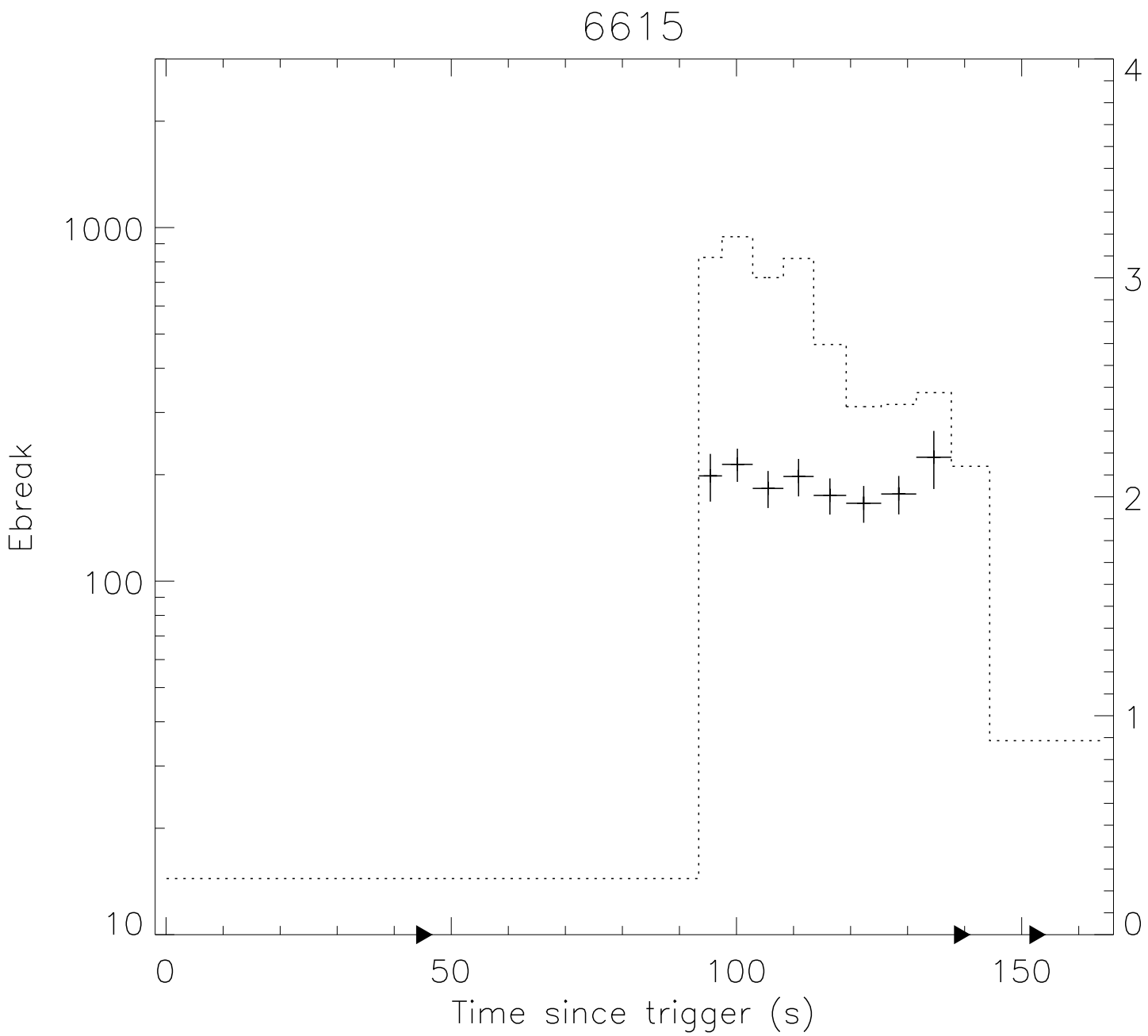

6576
Ebreak
1000
100
10
25
20
15
10
5
0
0
10
20
30
40
Time since trigger (s)

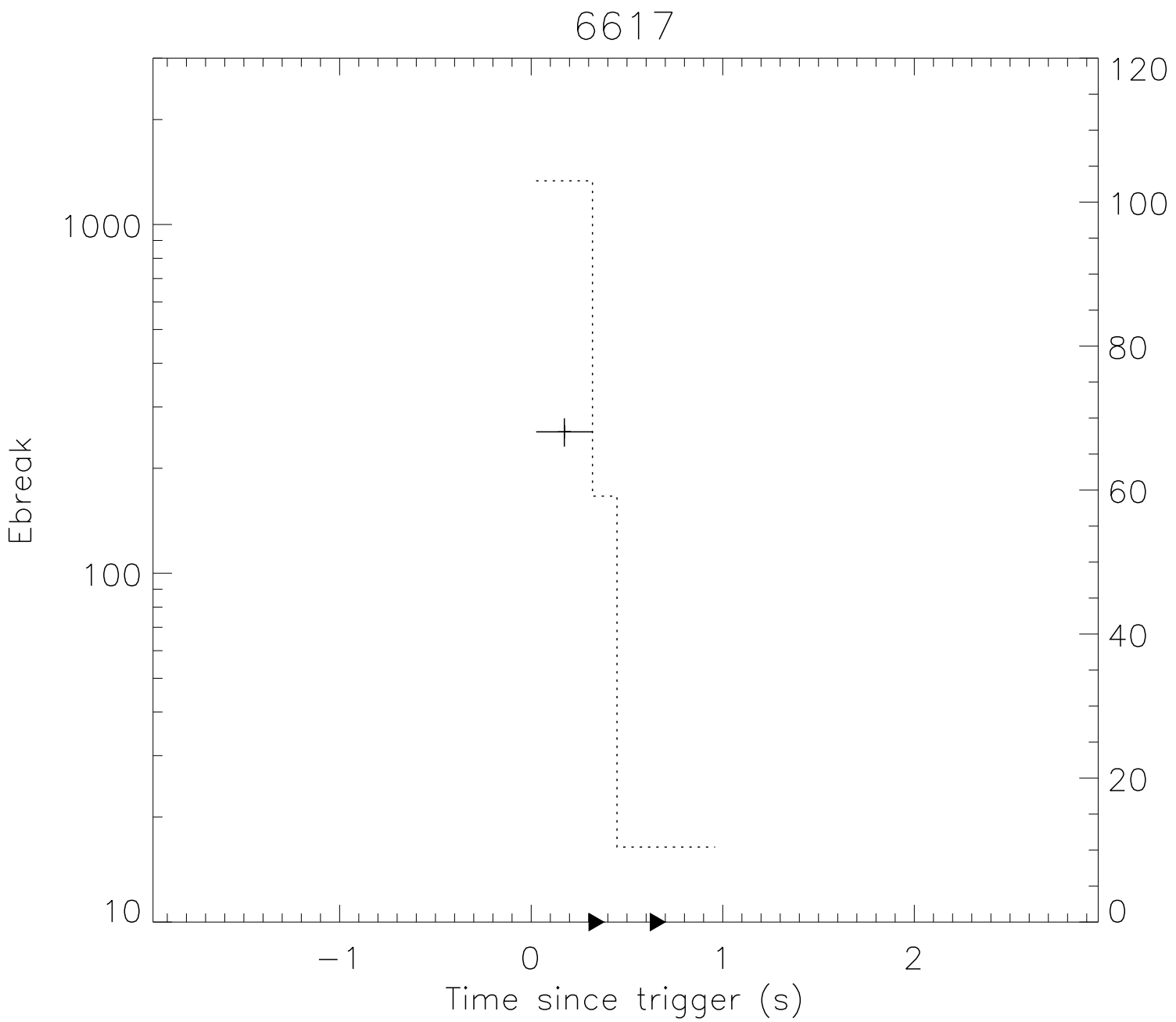

6581
Ebreak
1000
100
10
0
10
20
30
40
50
60
Time since trigger (s)
100
80
60
40
20
0

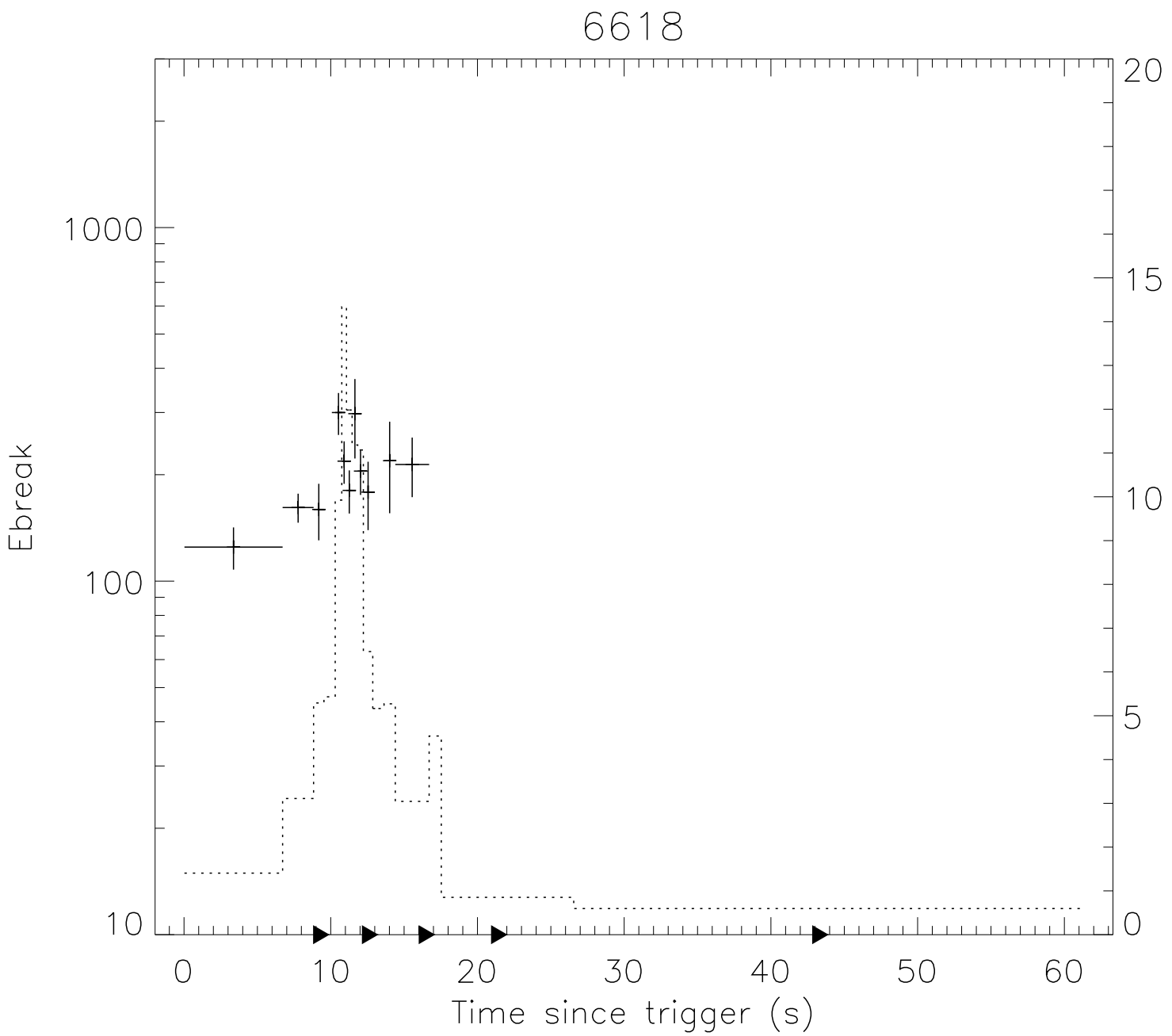

6587
Ebreak
1000
100
10
80
60
40
20
0
0
10
20
30
Time since trigger (s)

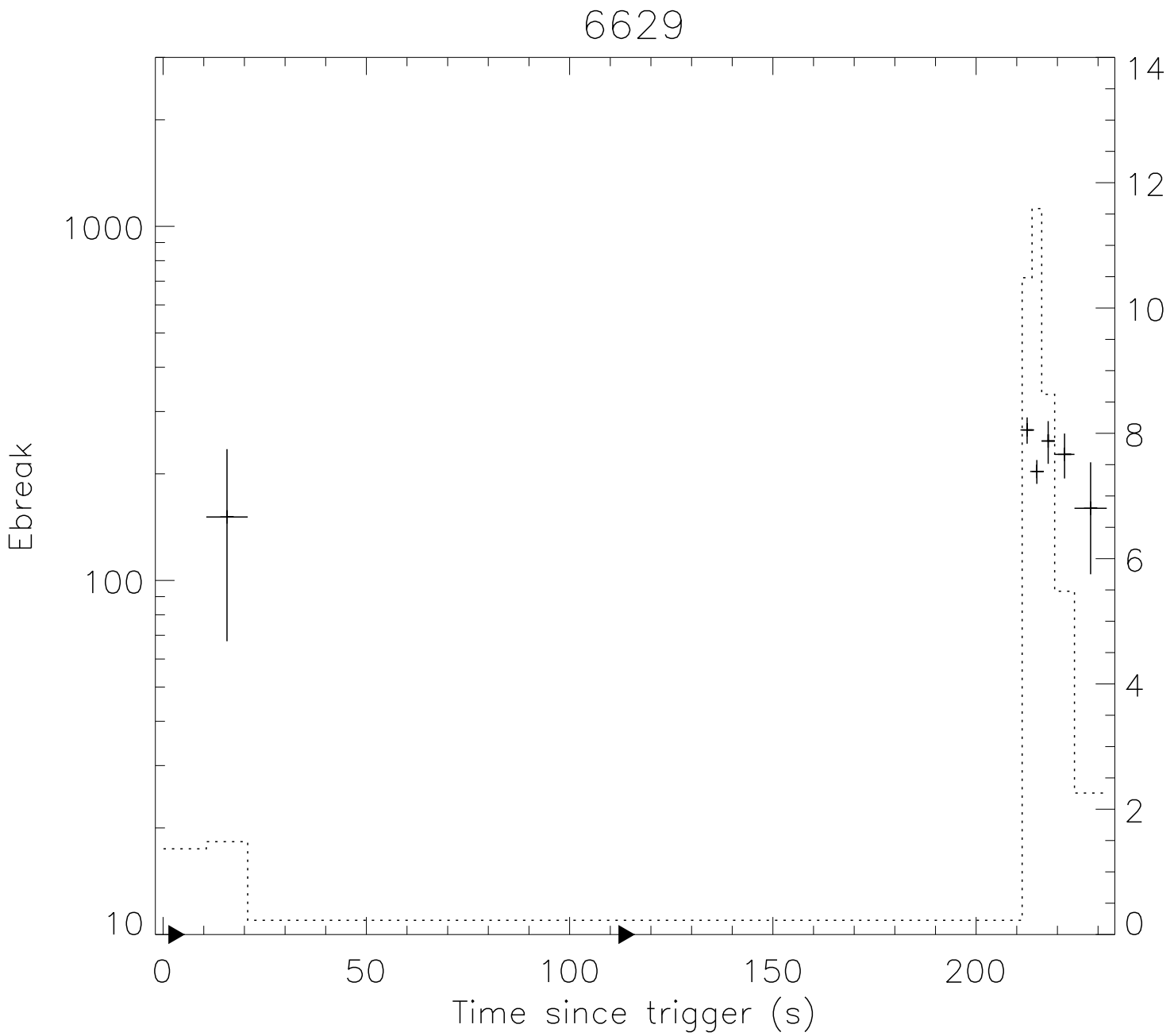

6593
Ebreak
1000
100
10
20
15
10
5
0
0
5
10
15
20
25
30
Time since trigger (s)

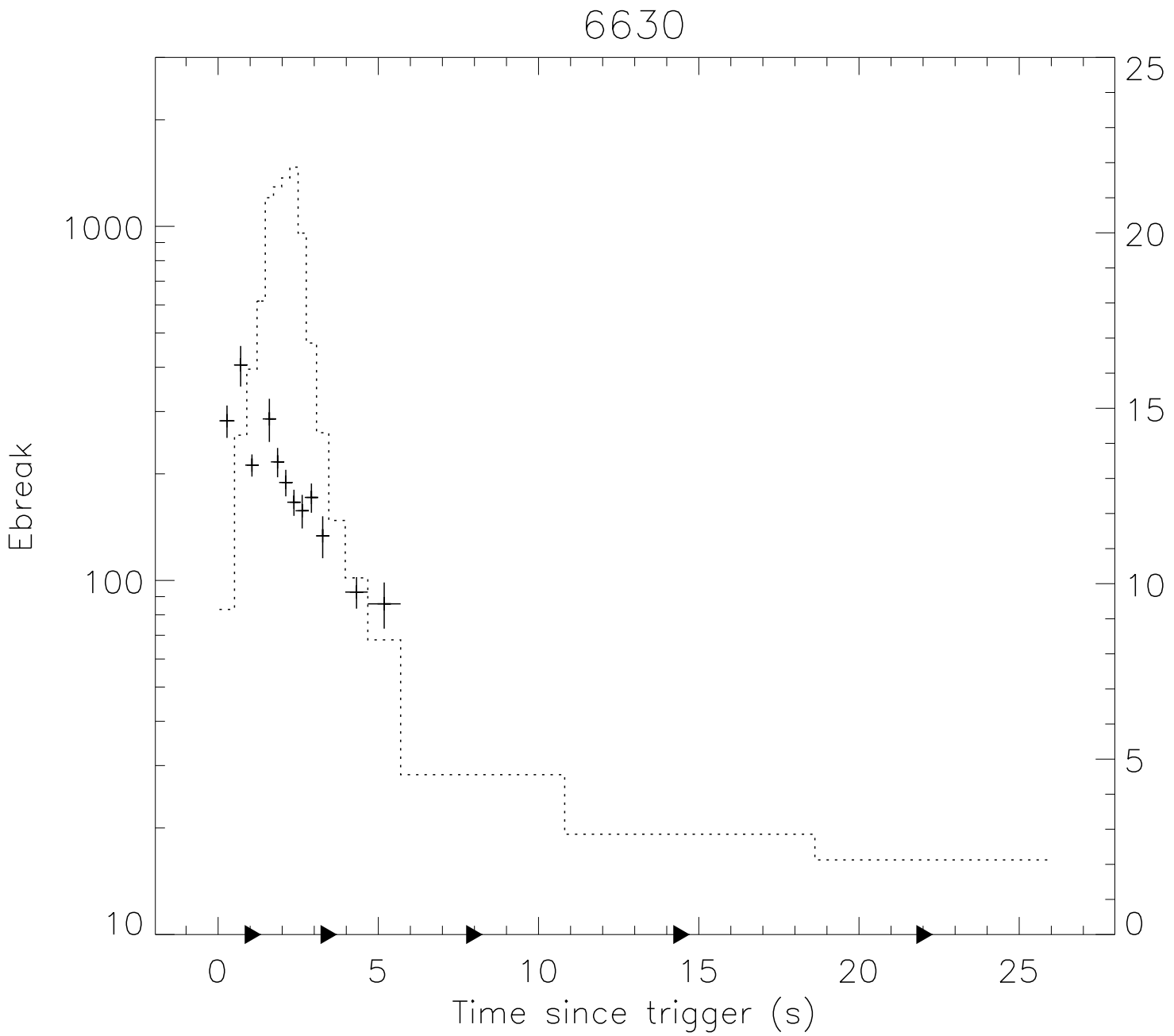

6609
Ebreak
1000
100
10
0
10
20
30
Time since trigger (s)
14
12
10
8
6
4
2
0

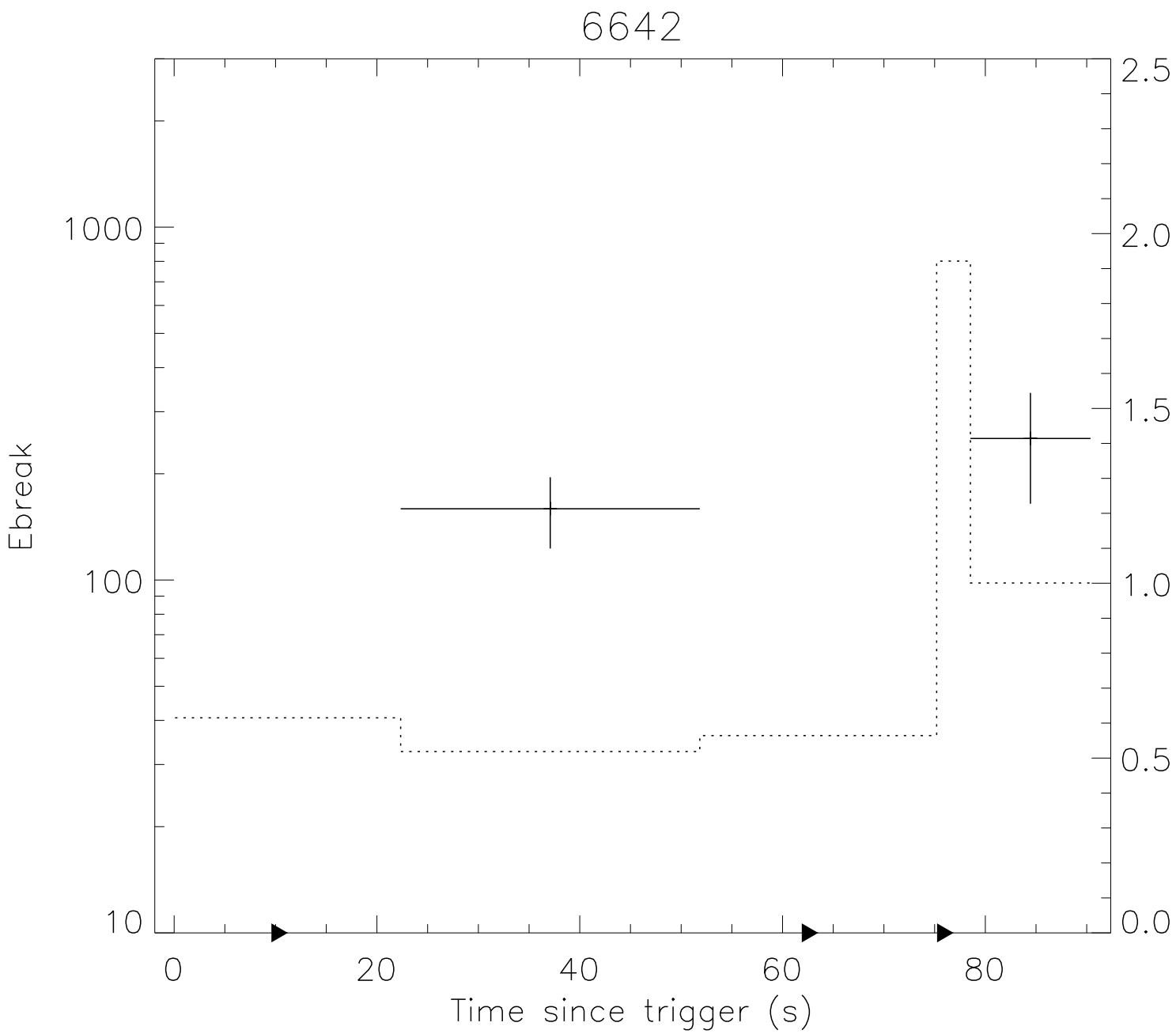

6615
1000
100
10
Ebreak
0
50
100
150
Time since trigger (s)
4
3
2
1
0

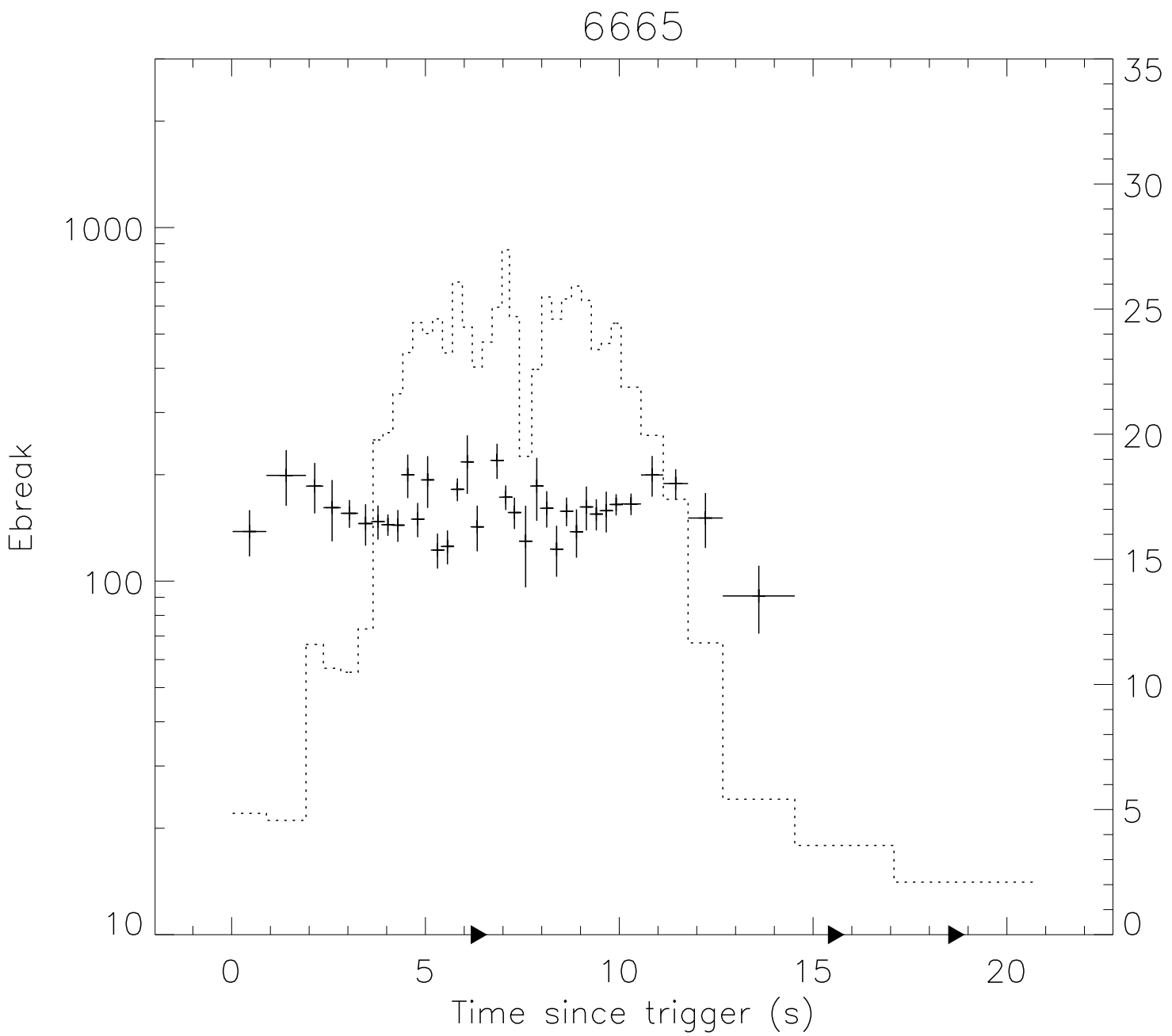

6617
1000
100
10
Ebreak
120
100
80
60
40
20
0
−1
0
1
2
Time since trigger (s)

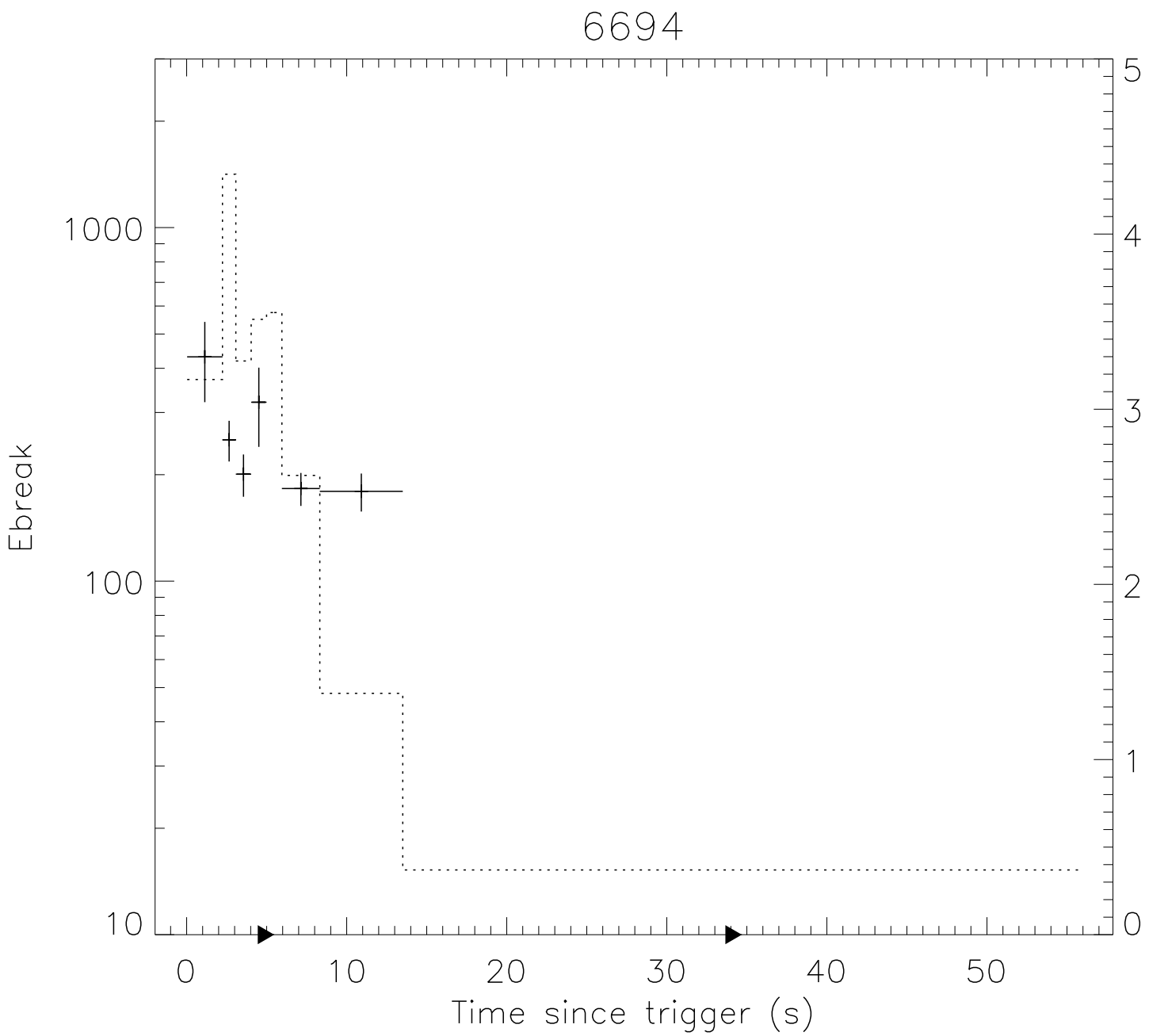

6618
Ebreak
1000
100
10
20
15
10
5
0
0
10
20
30
40
50
60
Time since trigger (s)

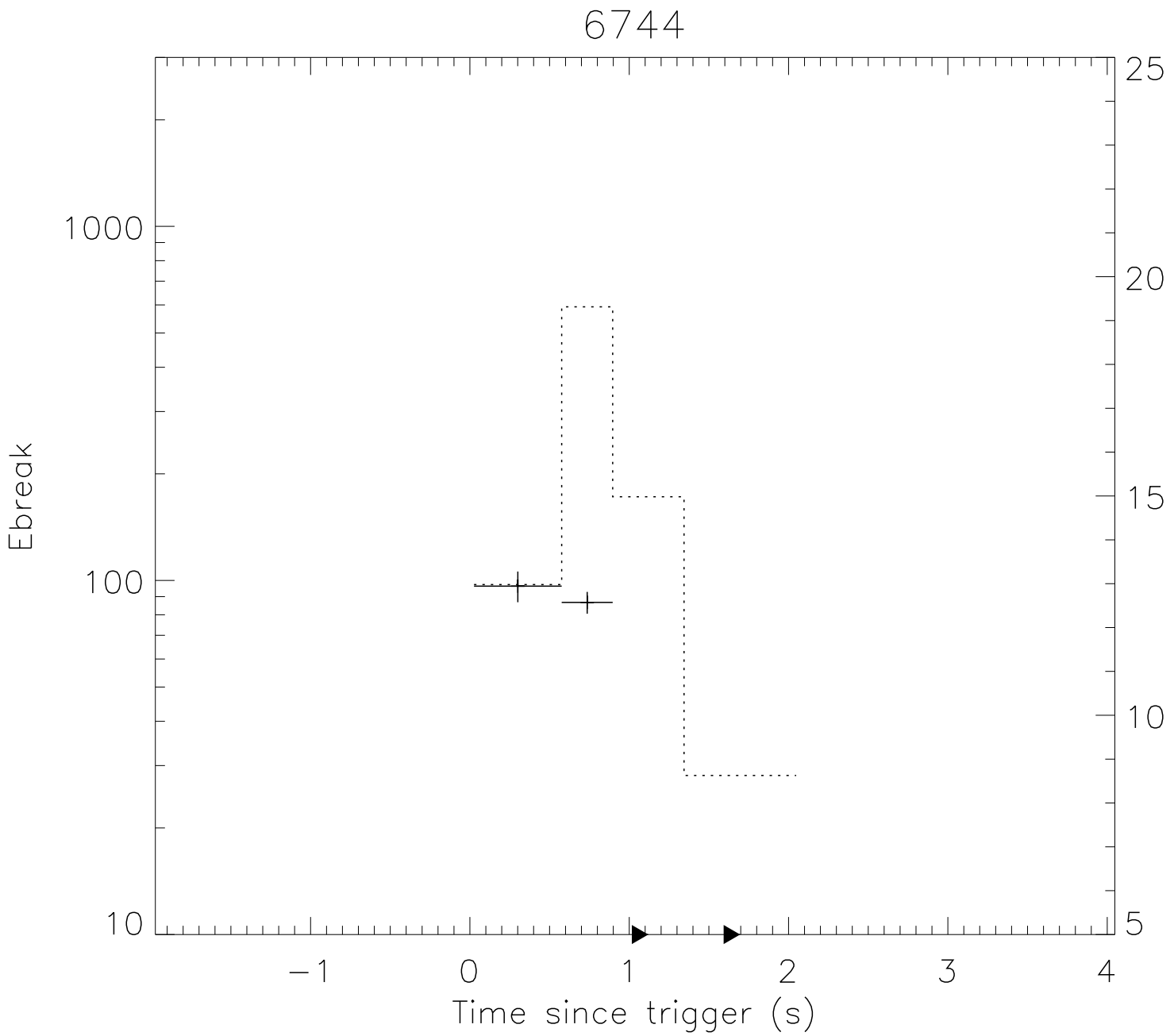

6629
Ebreak
1000
100
10
0
50
100
150
200
Time since trigger (s)
14
12
10
8
6
4
2
0

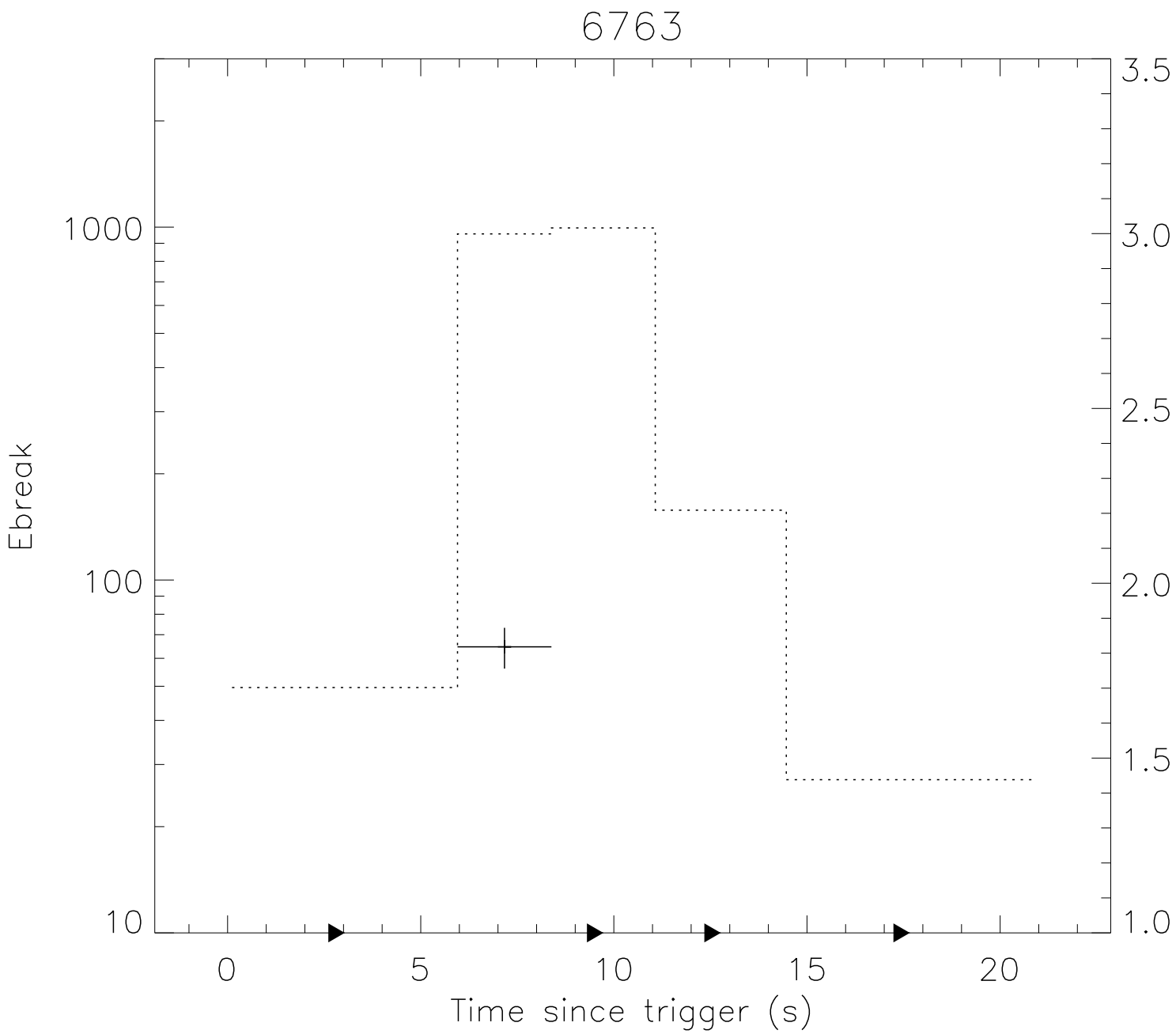

6630
Ebreak
1000
100
10
25
20
15
10
5
0
0
5
10
15
20
25
Time since trigger (s)

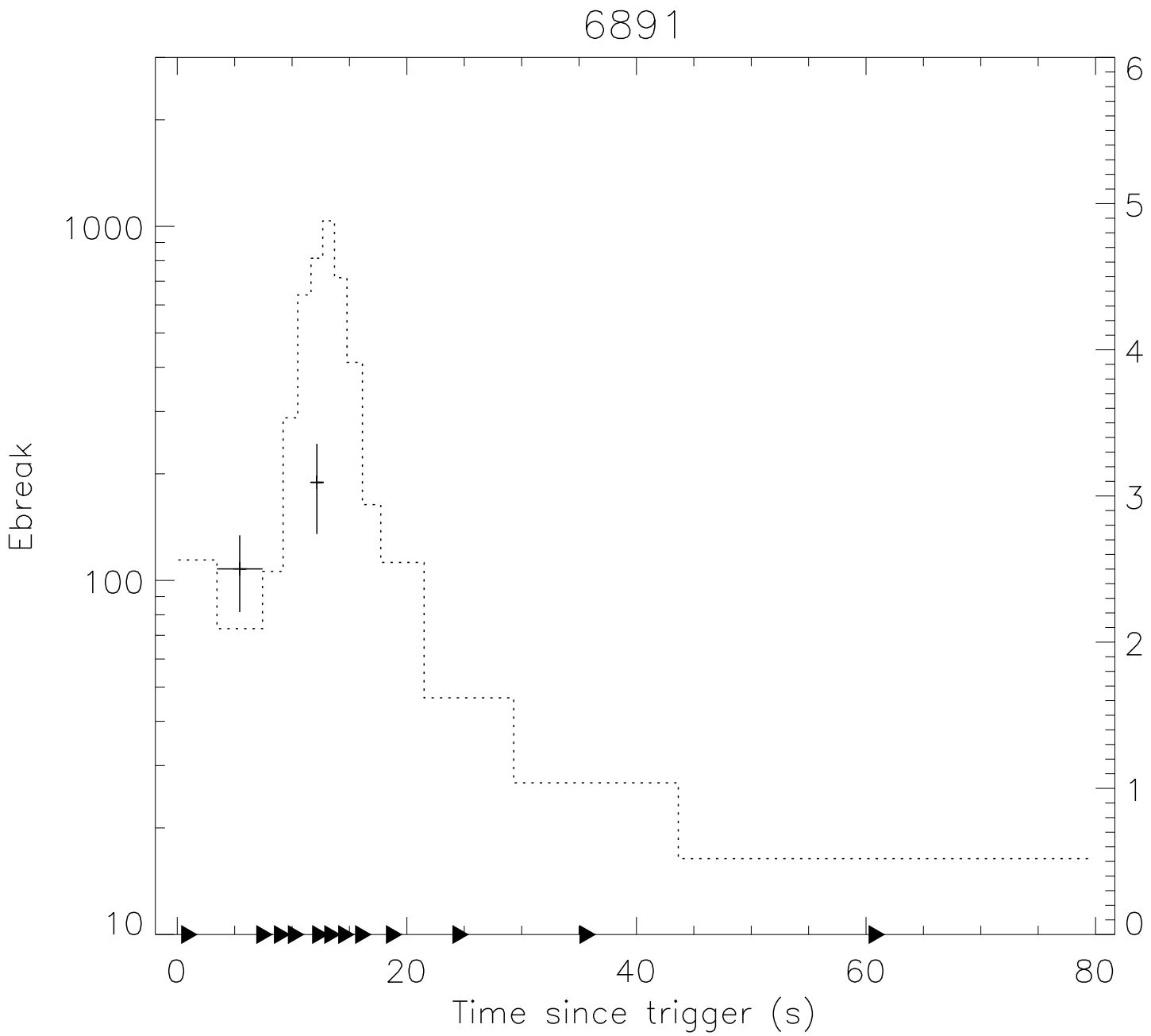

6642
Ebreak
1000
100
10
0
20
40
60
80
Time since trigger (s)
2.5
2.0
1.5
1.0
0.5
0.0

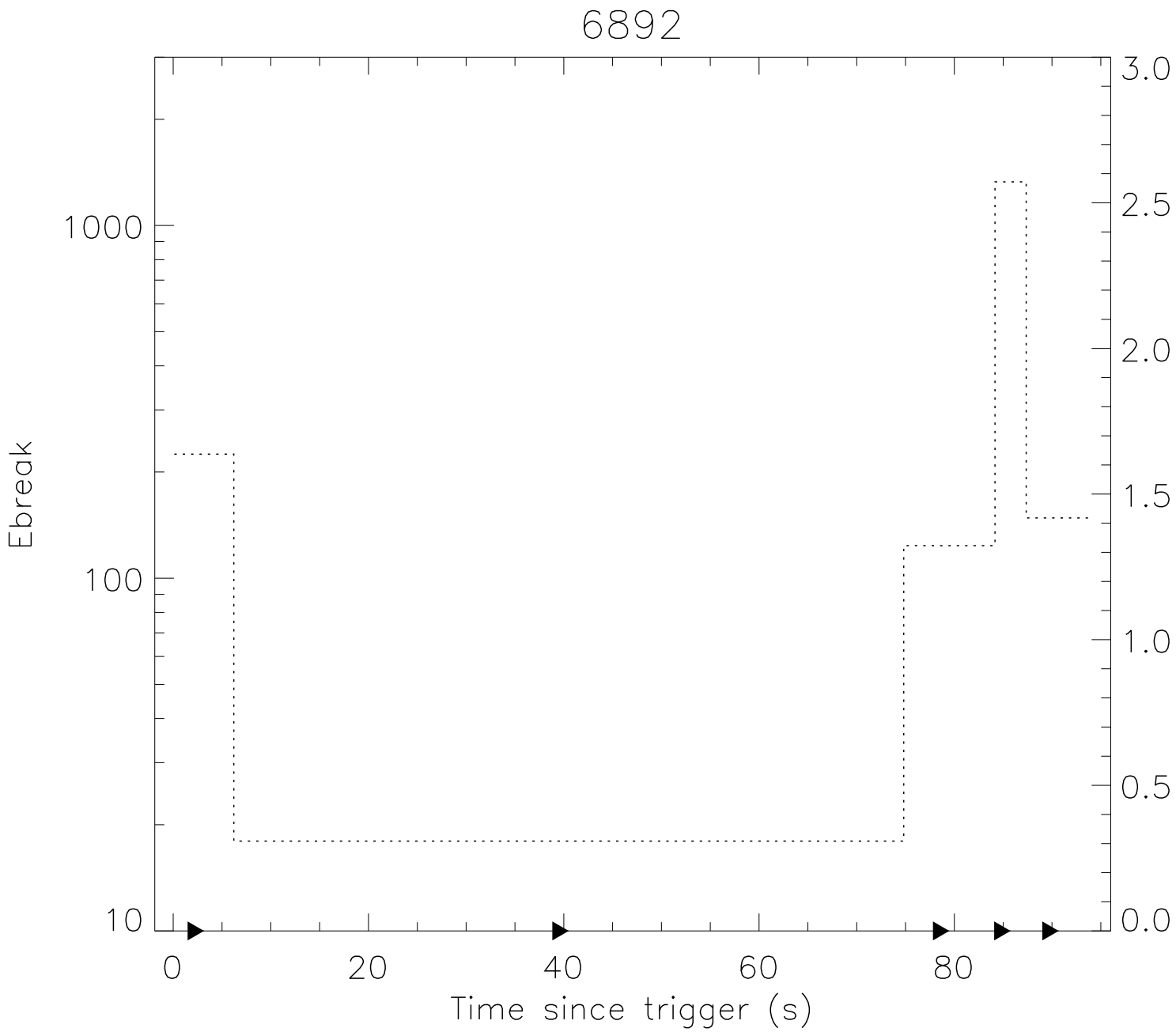

6665
Ebreak
1000
100
10
35
30
25
20
15
10
5
0
0
5
10
15
20
Time since trigger (s)

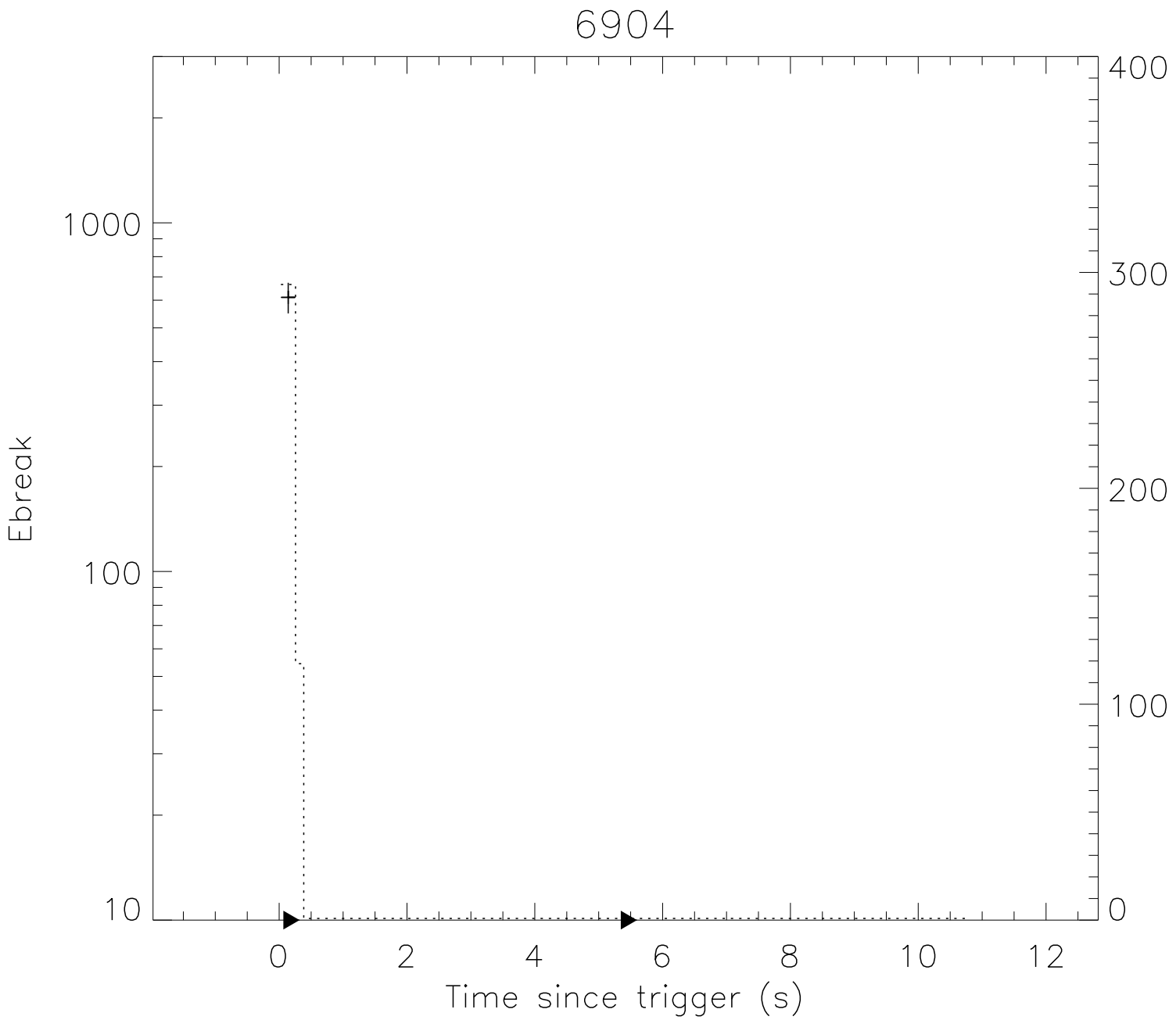

6694
Ebreak
1000
100
10
0
10
20
30
40
50
Time since trigger (s)
5
4
3
2
1
0

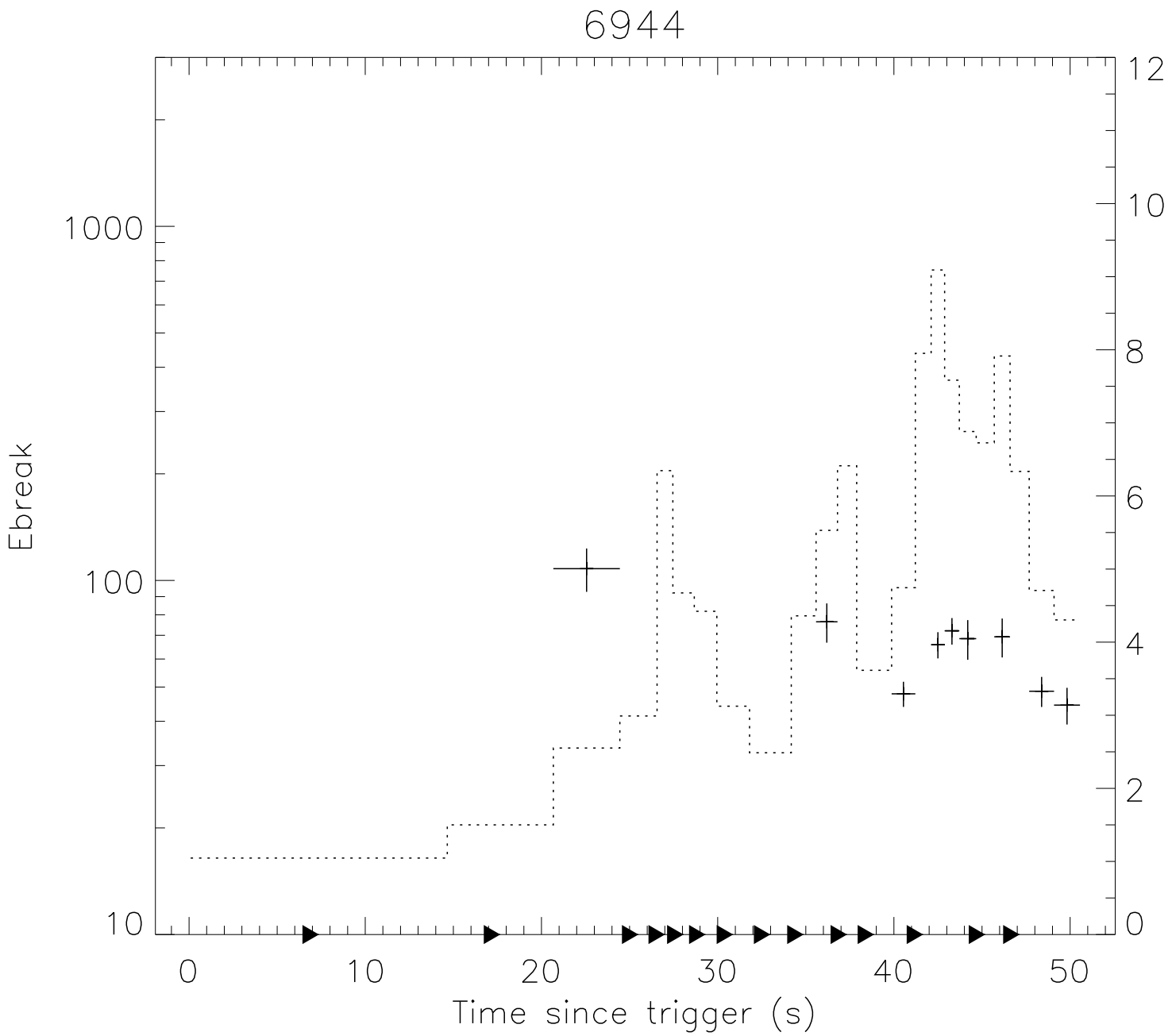

6744
1000
100
10
Ebreak
25
20
15
10
5
−1
0
1
2
3
4
Time since trigger (s)

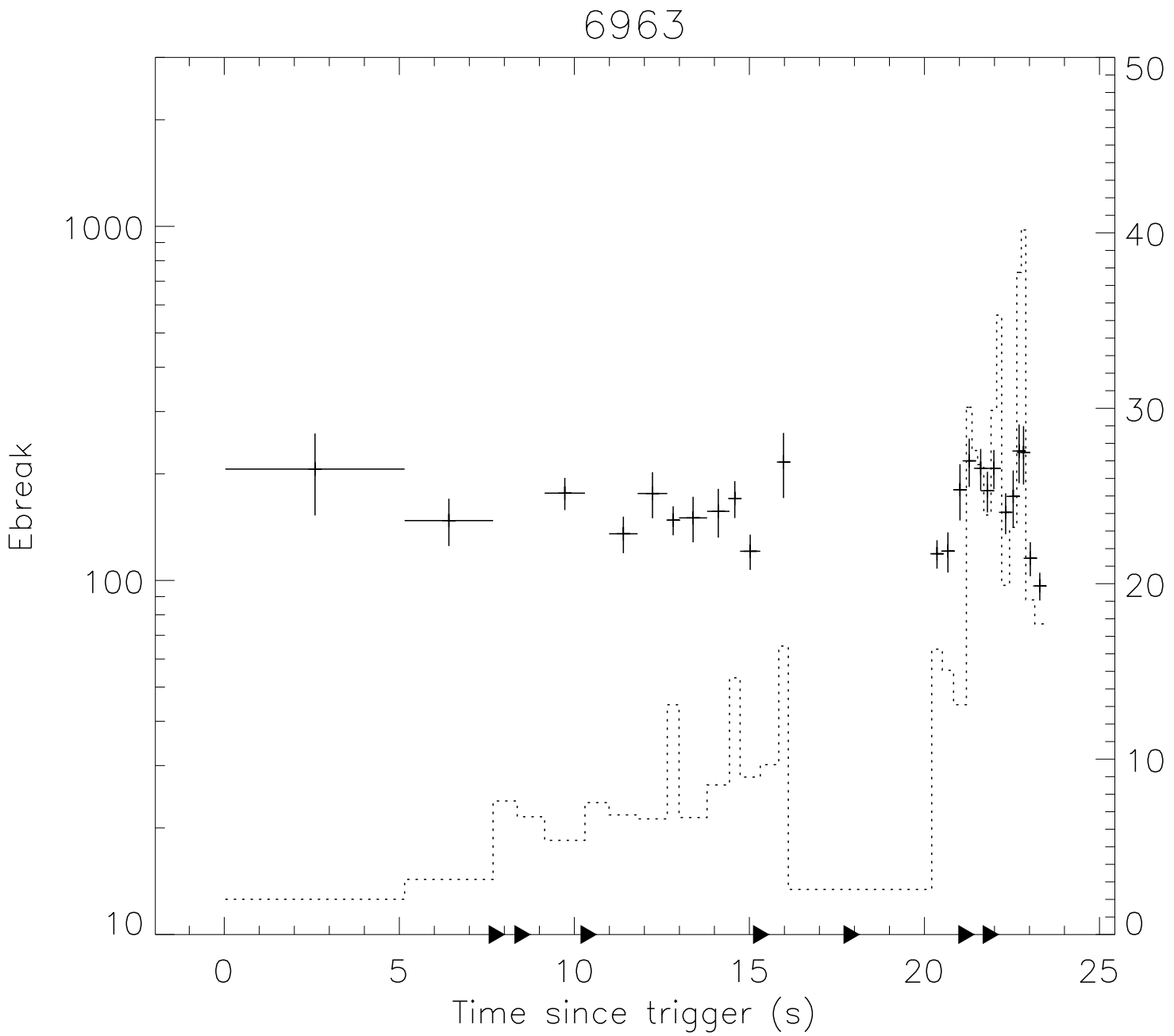

6763
1000
100
10
Ebreak
3.5
3.0
2.5
2.0
1.5
1.0
0
5
10
15
20
Time since trigger (s)

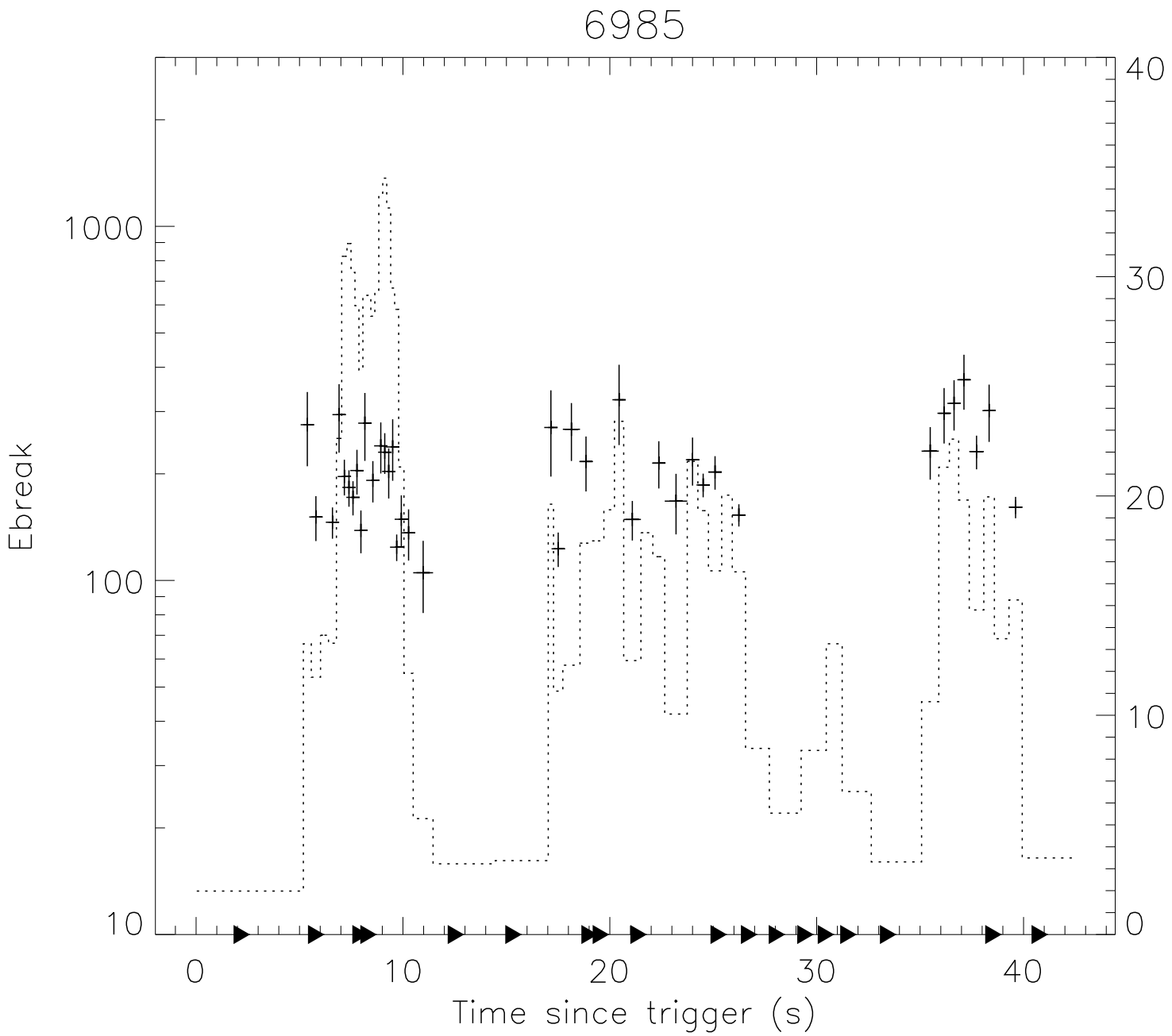

6891
1000
100
10
Ebreak
0
20
40
60
80
Time since trigger (s)
6
5
4
3
2
1
0

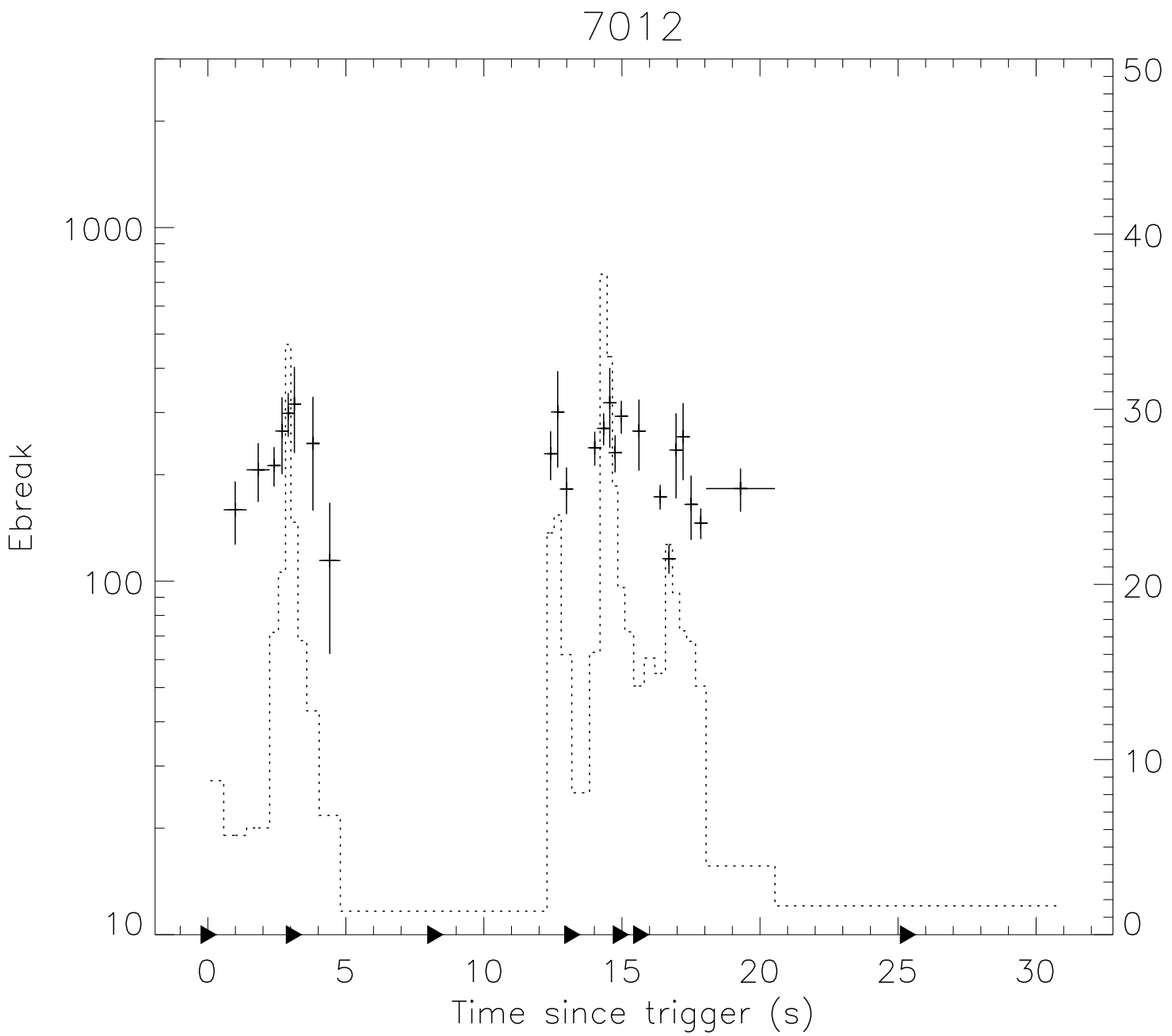

6892
1000
100
10
Ebbreak
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
Time since trigger (s)

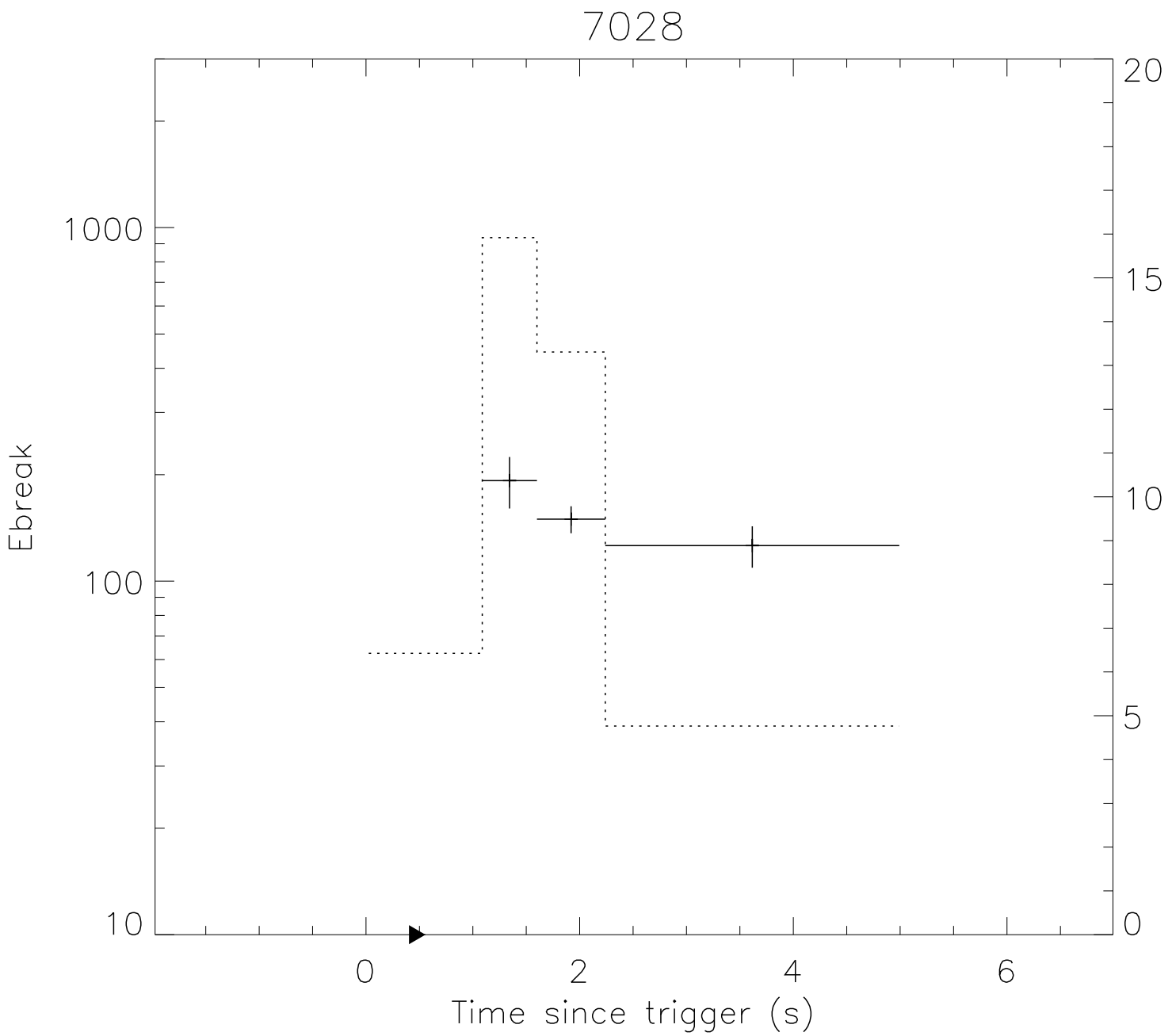

6904
1000
100
10
Ebreak
400
300
200
100
0
0
2
4
6
8
10
12
Time since trigger (s)

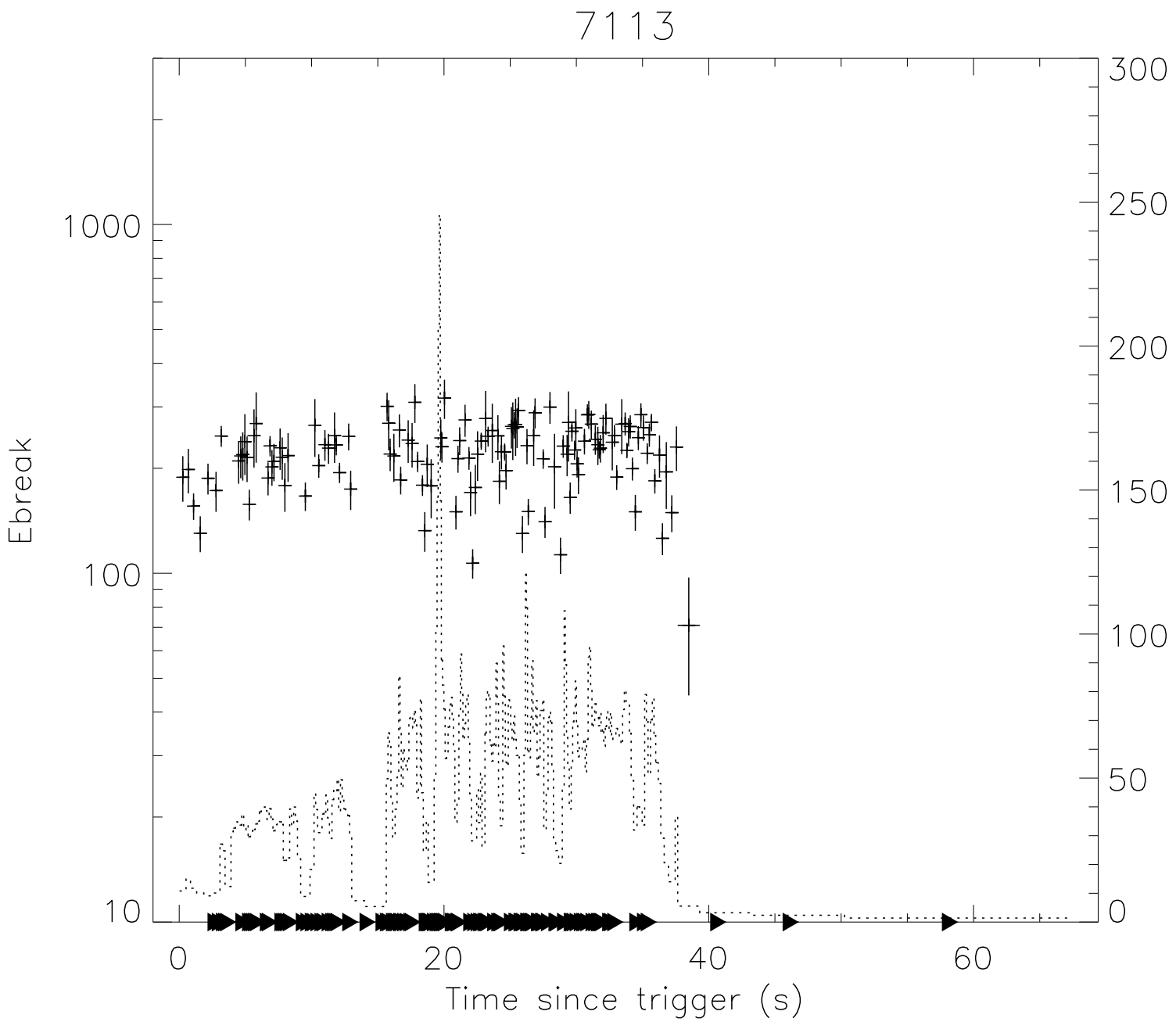

6944
Ebreak
1000
100
10
0
10
20
30
40
50
Time since trigger (s)
12
10
8
6
4
2
0

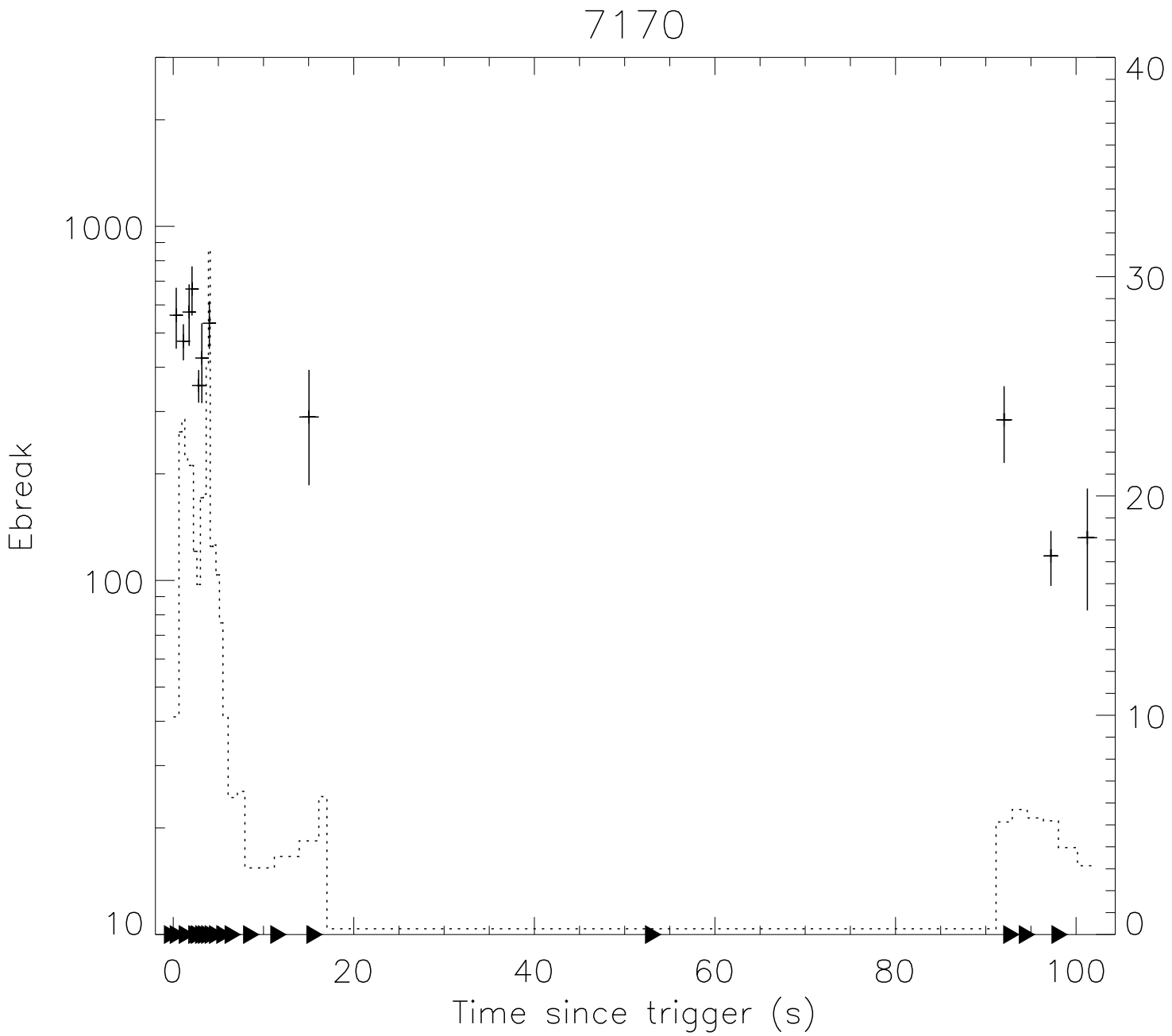

6963
Ebreak
1000
100
10
50
40
30
20
10
0
0
5
10
15
20
25
Time since trigger (s)

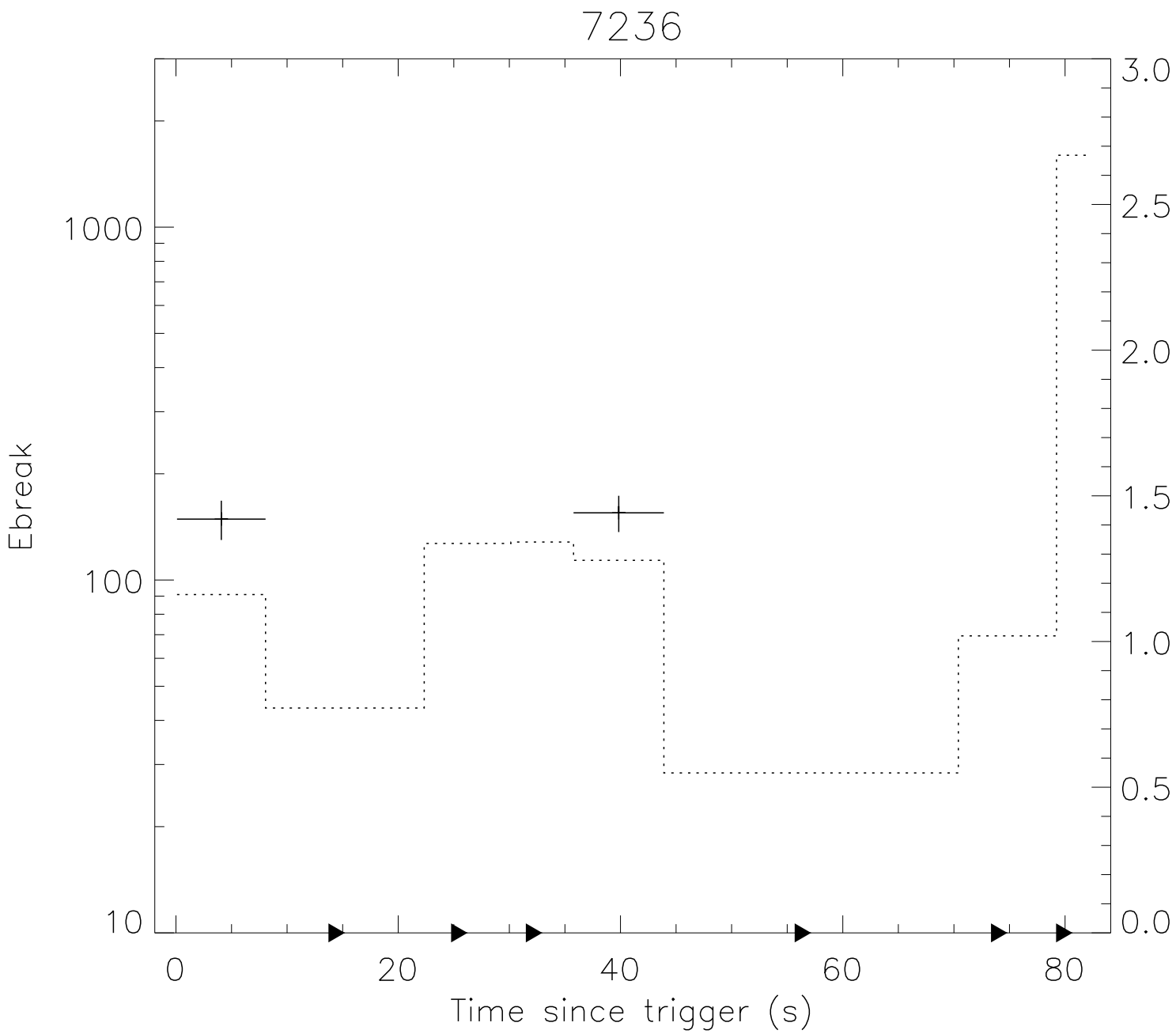

6985
1000
100
10
Ebreak
0
10
20
30
40
Time since trigger (s)
40
30
20
10
0

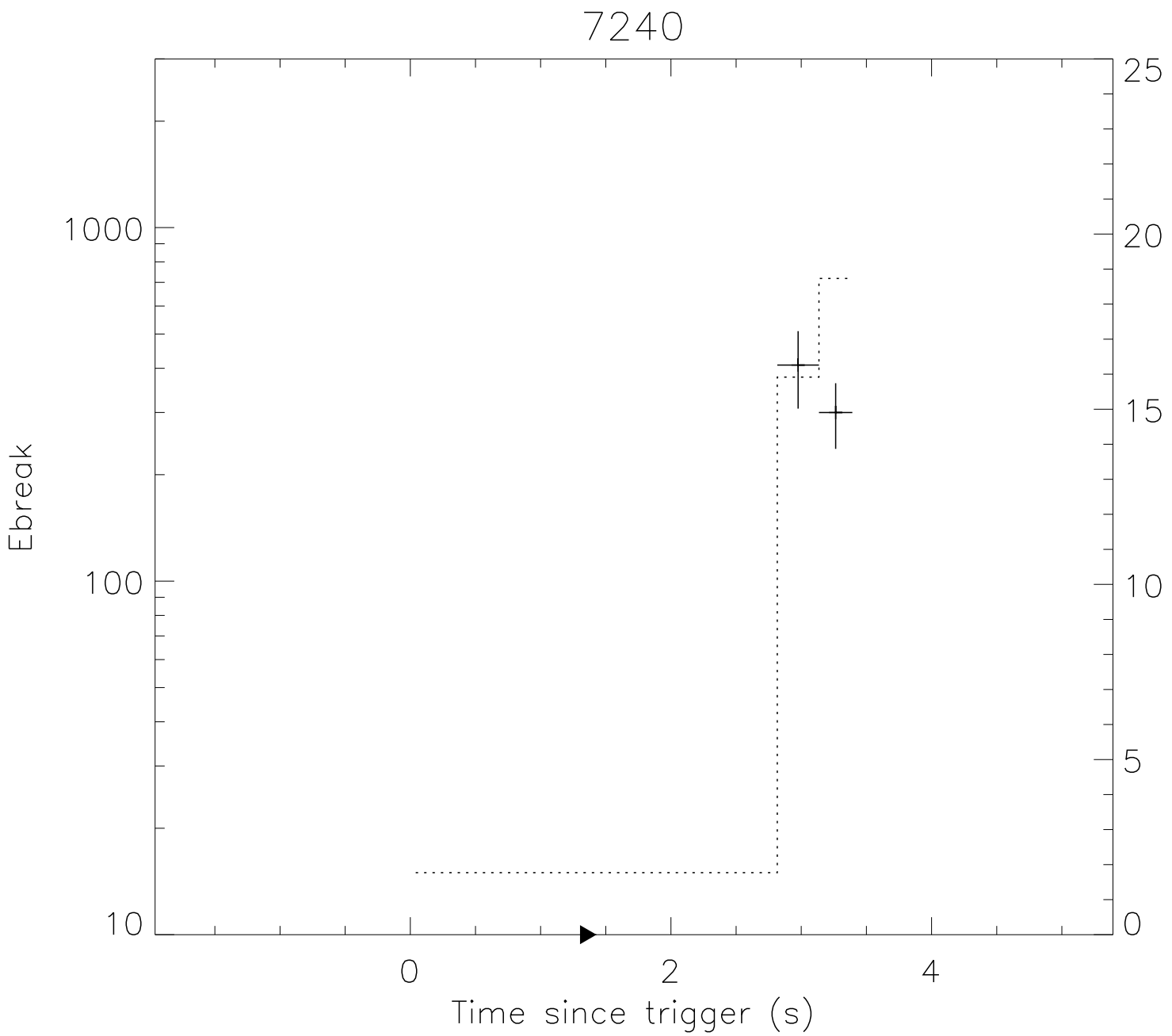

7012
Ebreak
1000
100
10
50
40
30
20
10
0
0
5
10
15
20
25
30
Time since trigger (s)

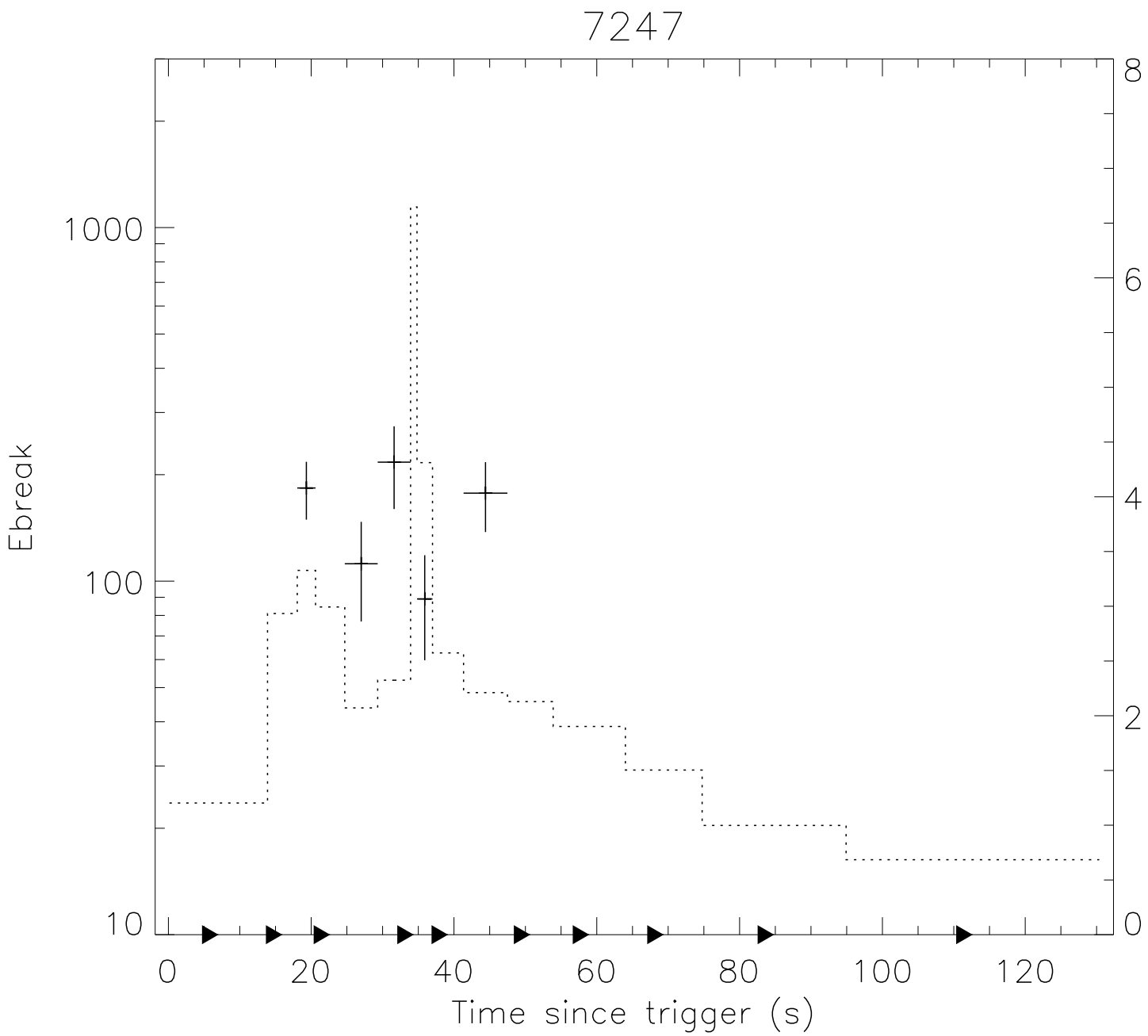

7028
1000
100
10
Ebreak
20
15
10
5
0
0
2
4
6
Time since trigger (s)

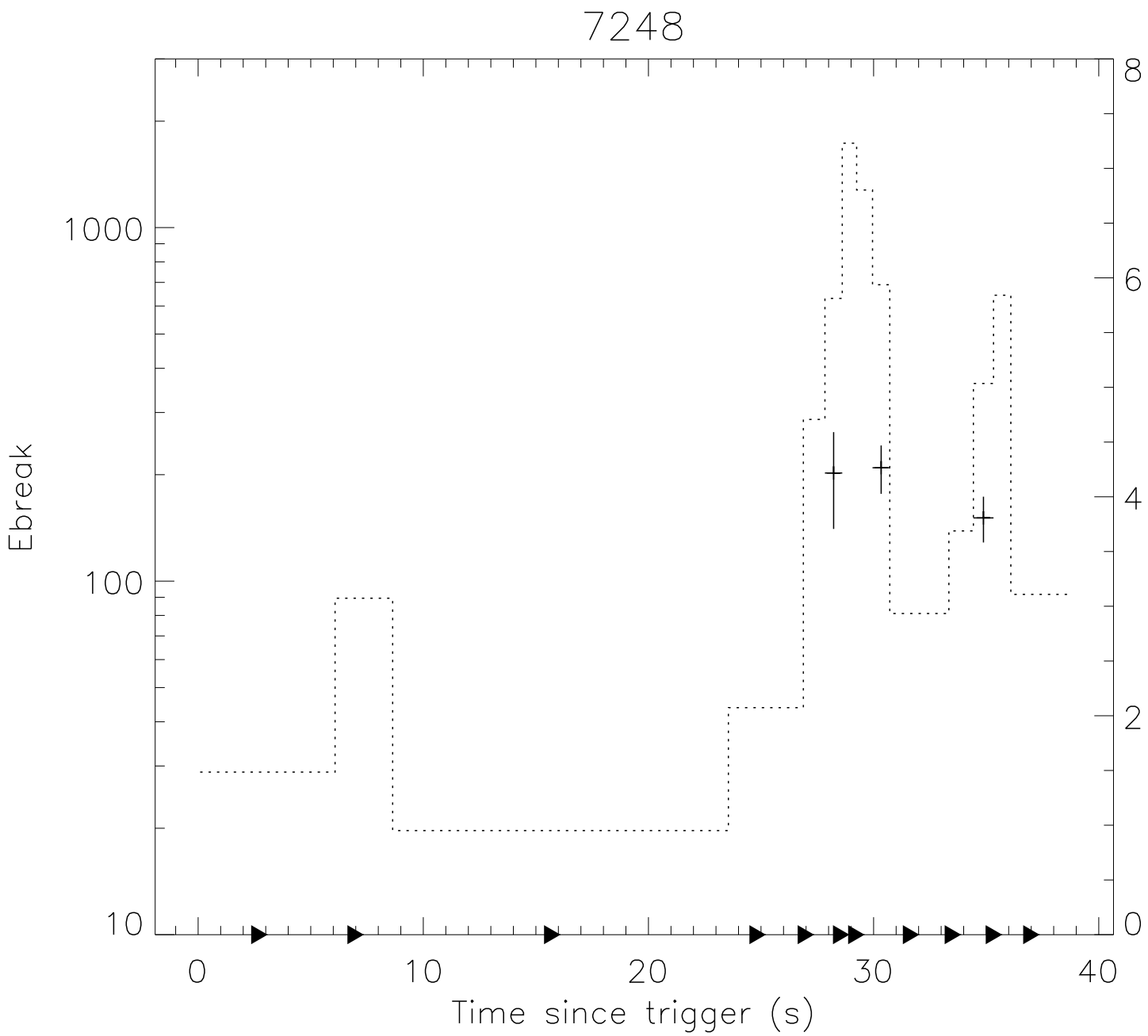

7113
Ebreak
1000
100
10
300
250
200
150
100
50
0
0
20
40
60
Time since trigger (s)

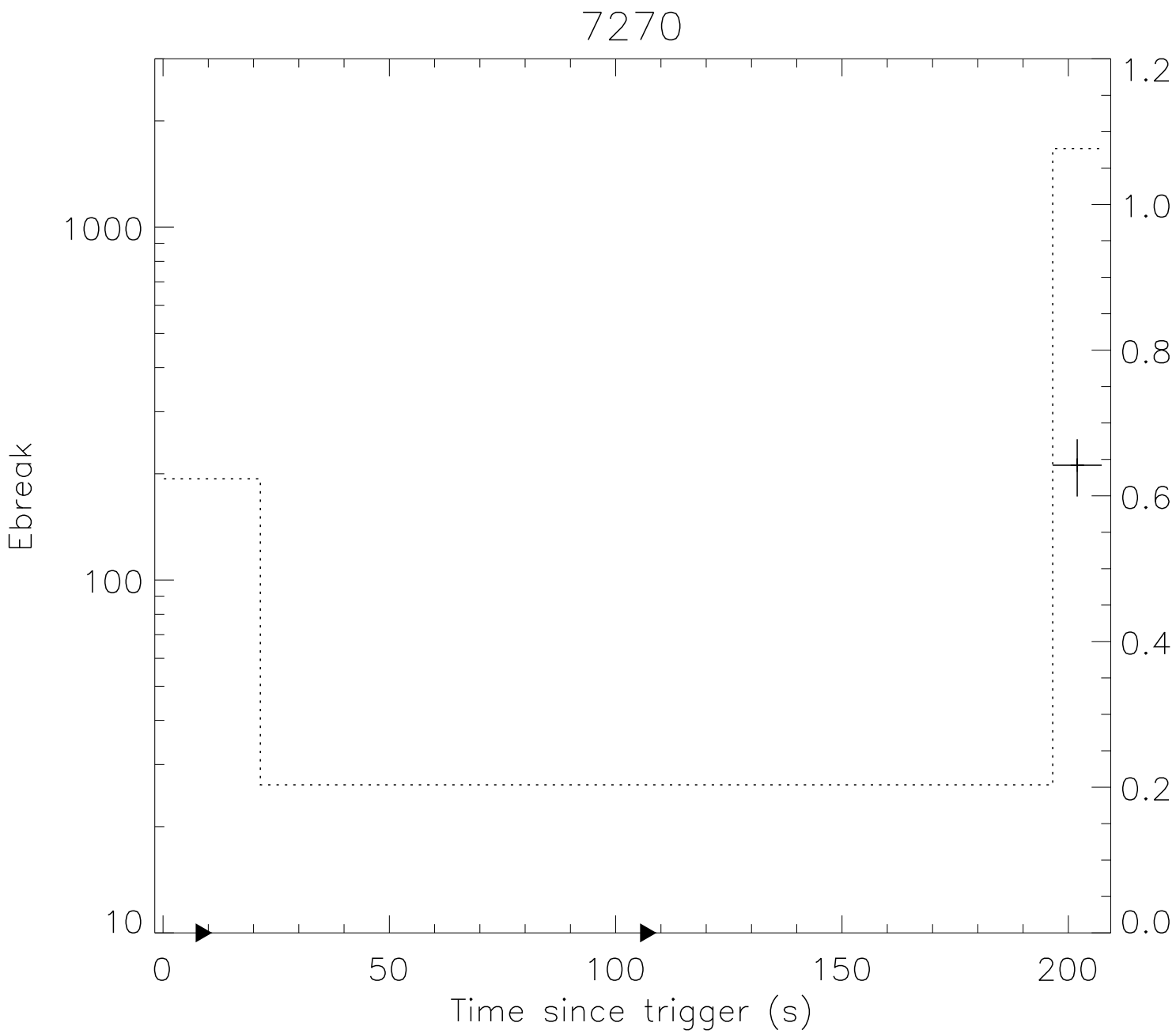

7170
Ebreak
1000
100
10
40
30
20
10
0
0
20
40
60
80
100
Time since trigger (s)

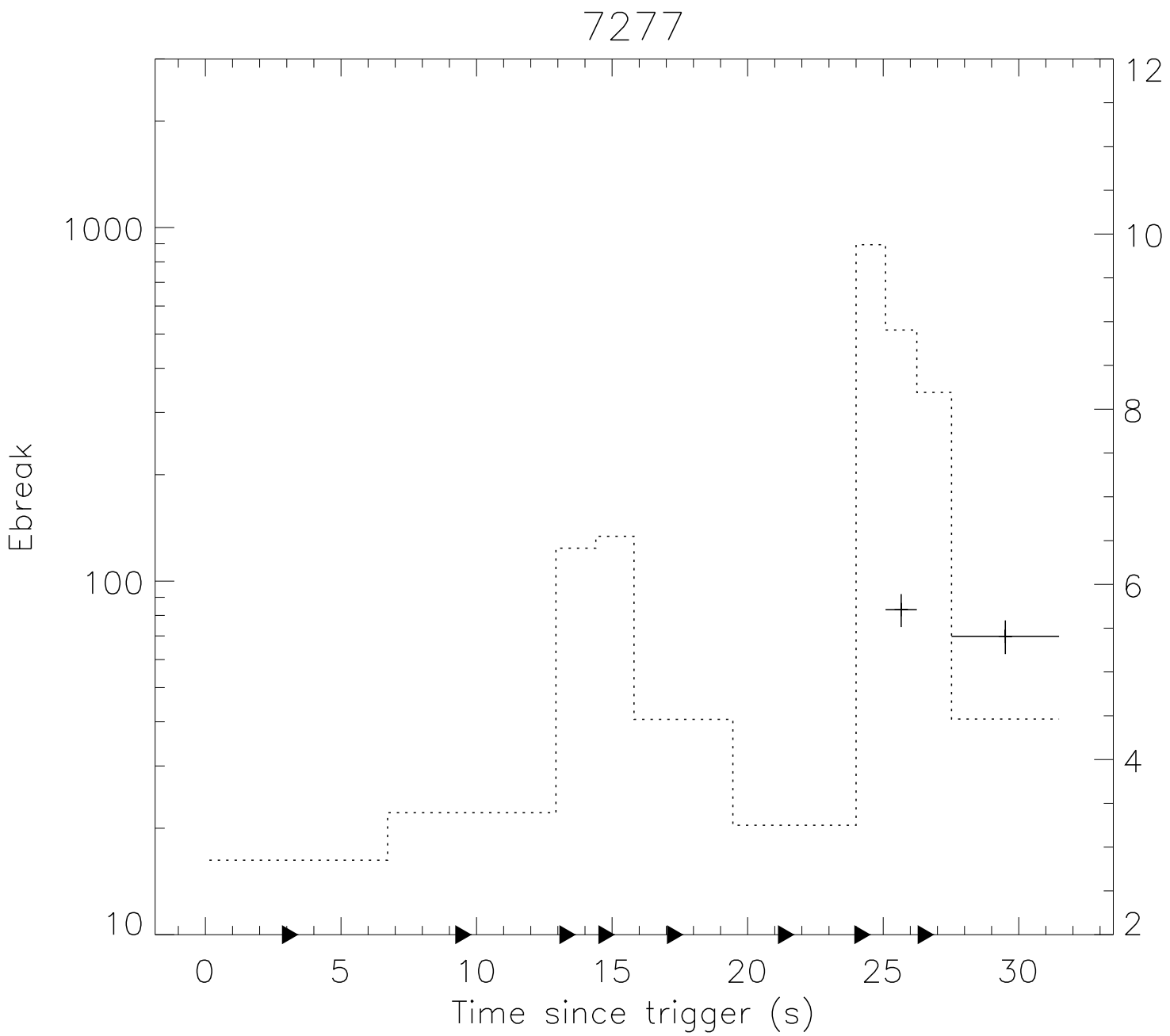

7236
Ebreak
1000
100
10
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
Time since trigger (s)

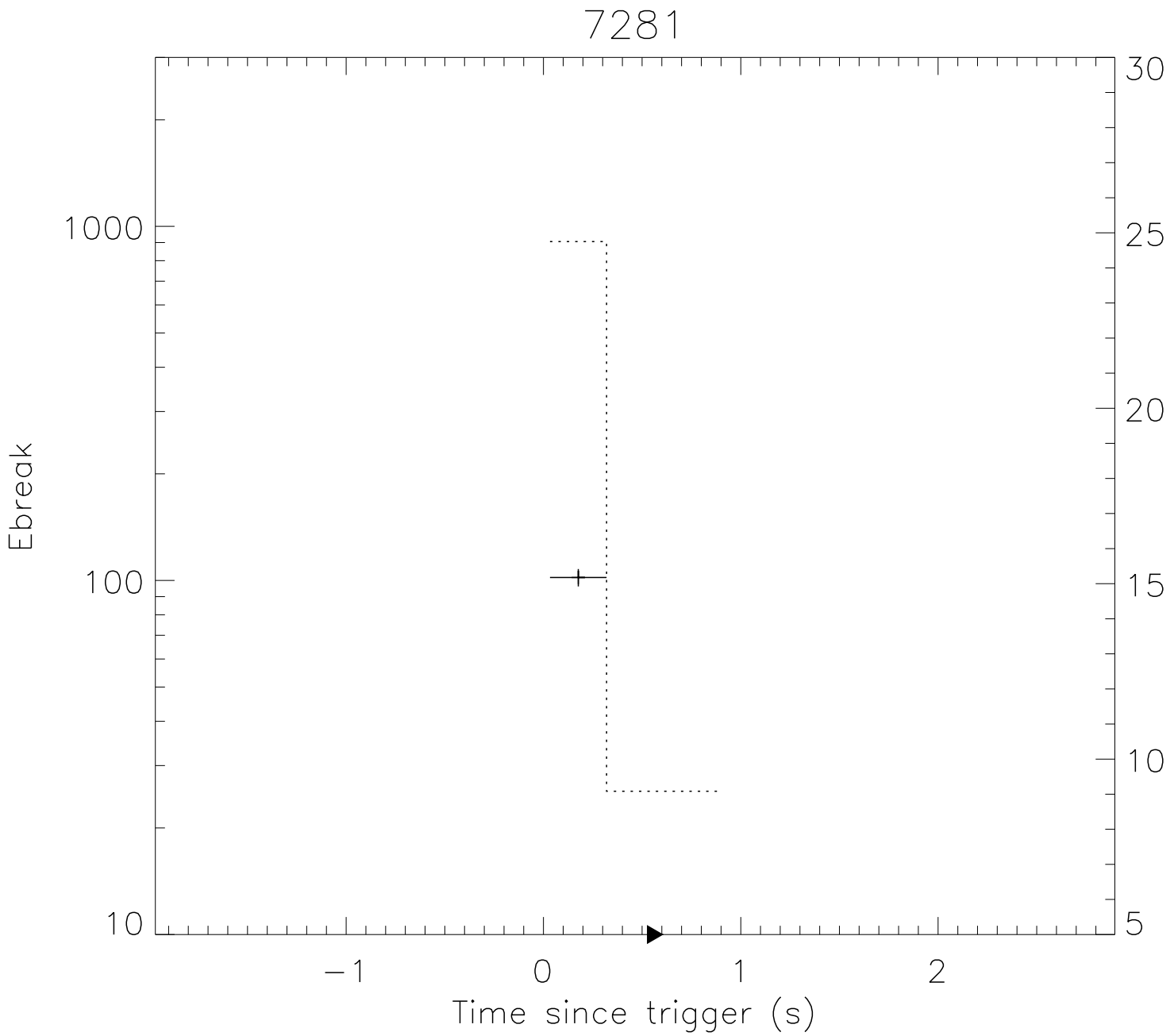

7240
1000
100
10
Ebreak
25
20
15
10
5
0
0
2
4
Time since trigger (s)

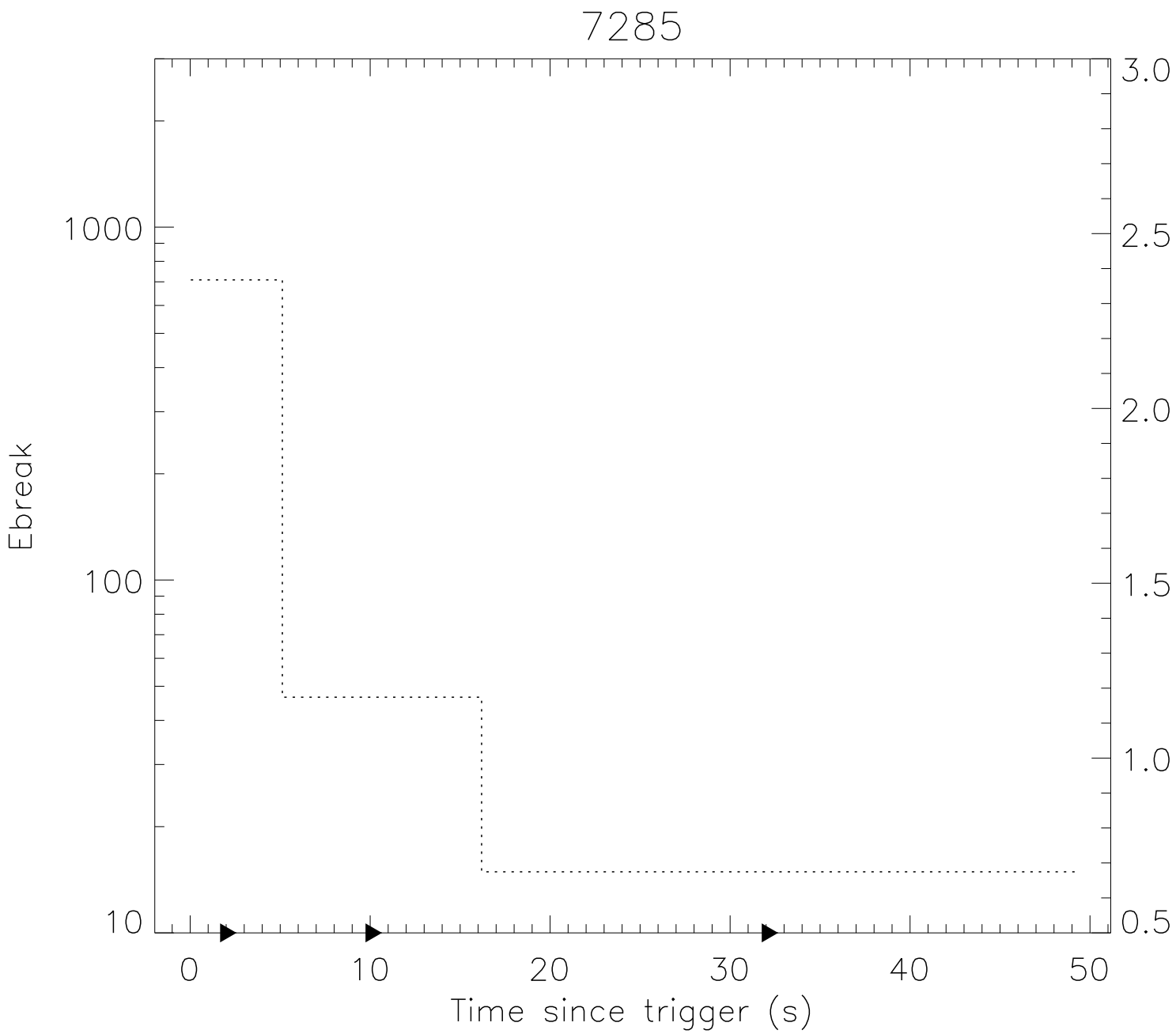

7247
Ebreak
1000
100
10
0
20
40
60
80
100
120
Time since trigger (s)
8
6
4
2
0

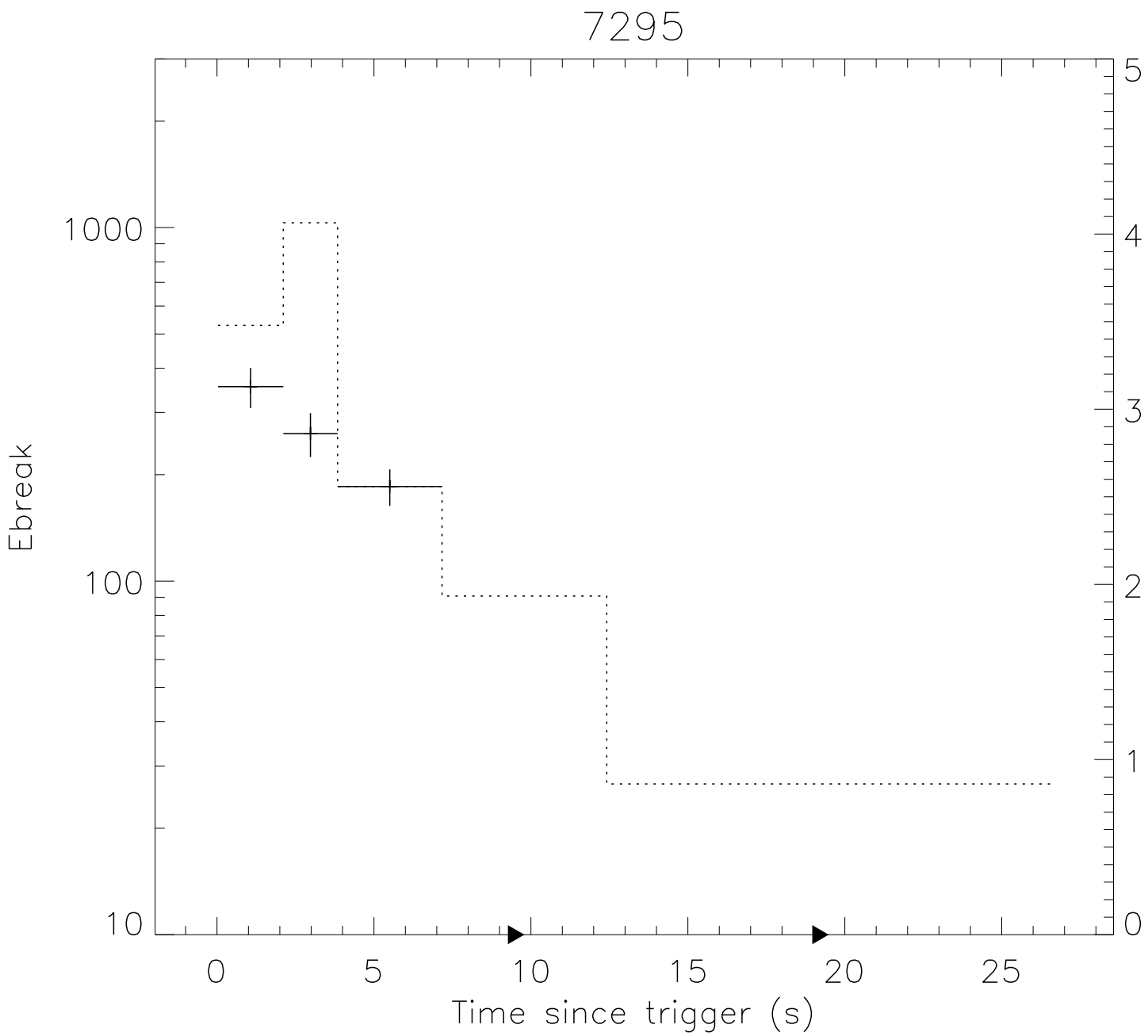

7248
Ebreak
1000
100
10
0
10
20
30
40
Time since trigger (s)
8
6
4
2
0

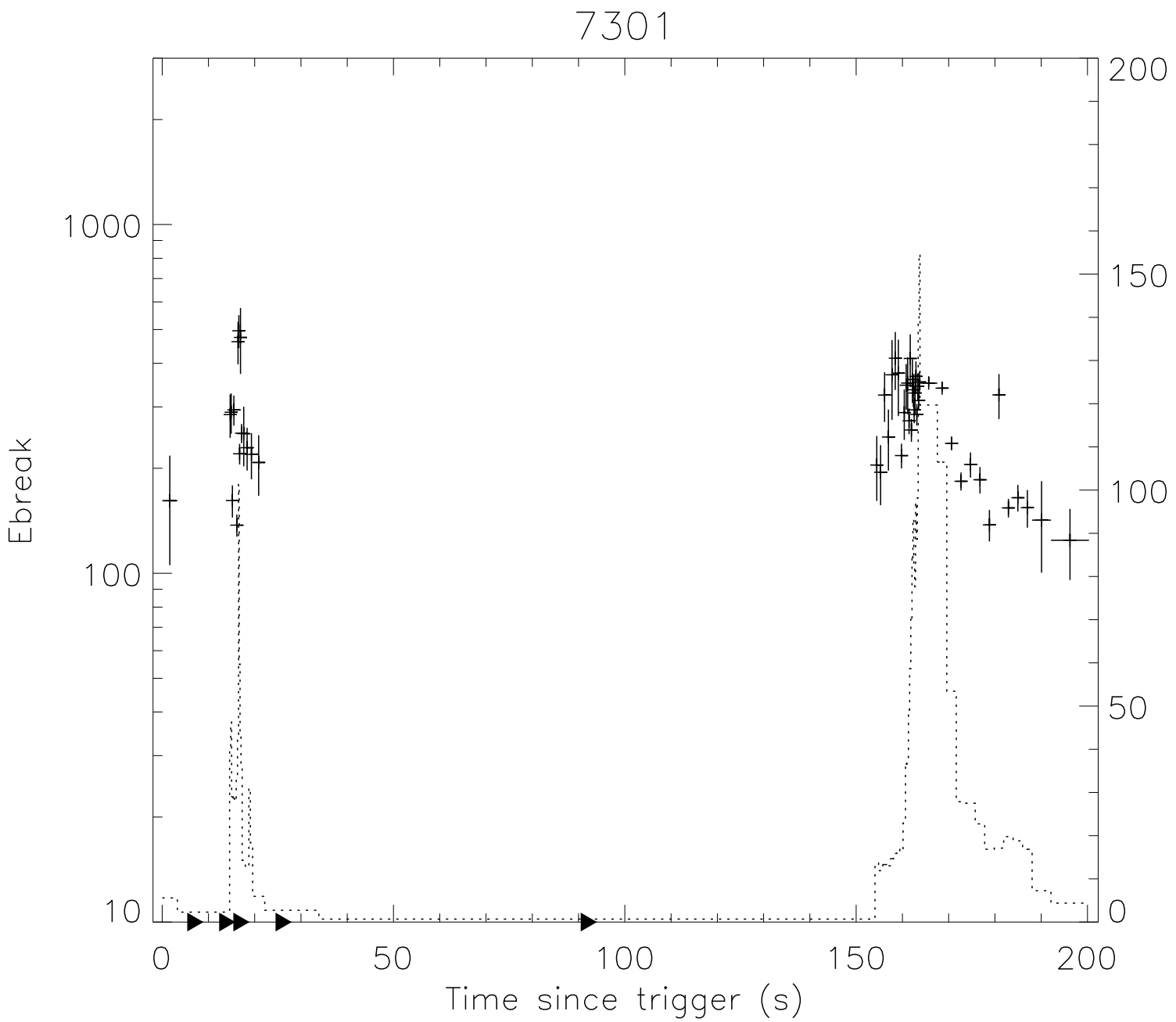

7270
1000
100
10
Ebreak
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
50
100
150
200
Time since trigger (s)

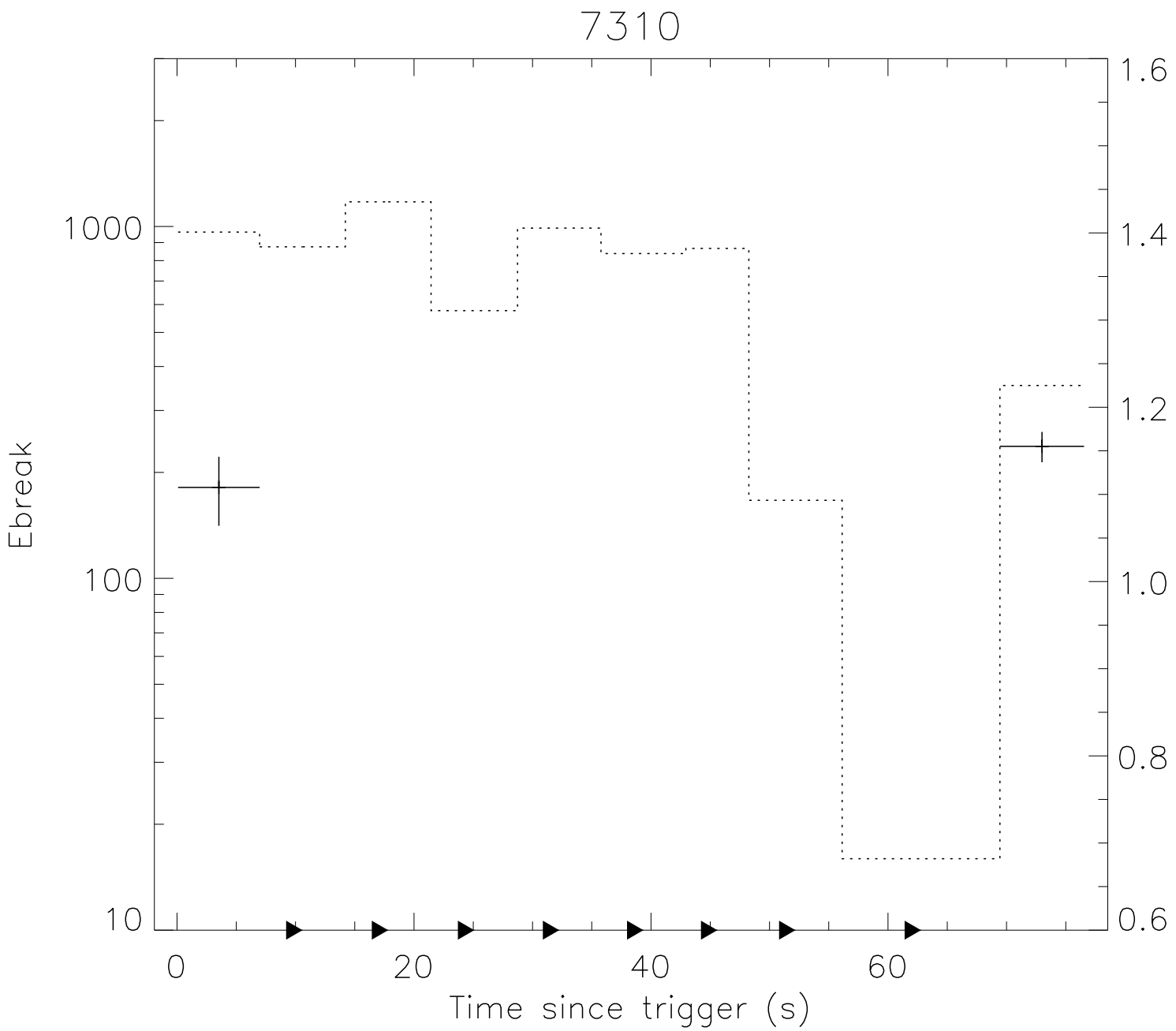

7277
Ebreak
1000
100
10
12
10
8
6
4
2
0
5
10
15
20
25
30
Time since trigger (s)

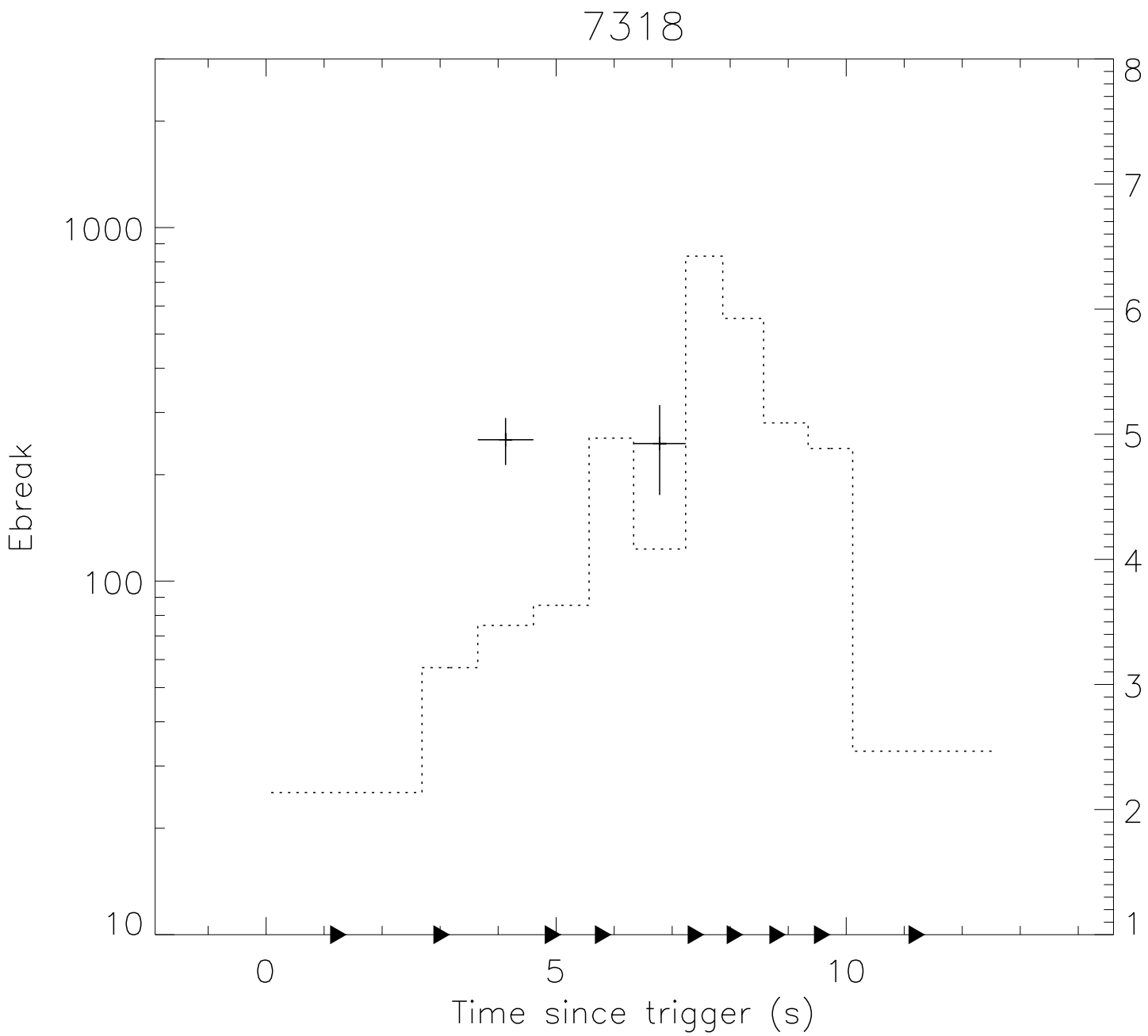

7281
1000
100
10
Ebreak
30
25
20
15
10
5
−1
0
1
2
Time since trigger (s)

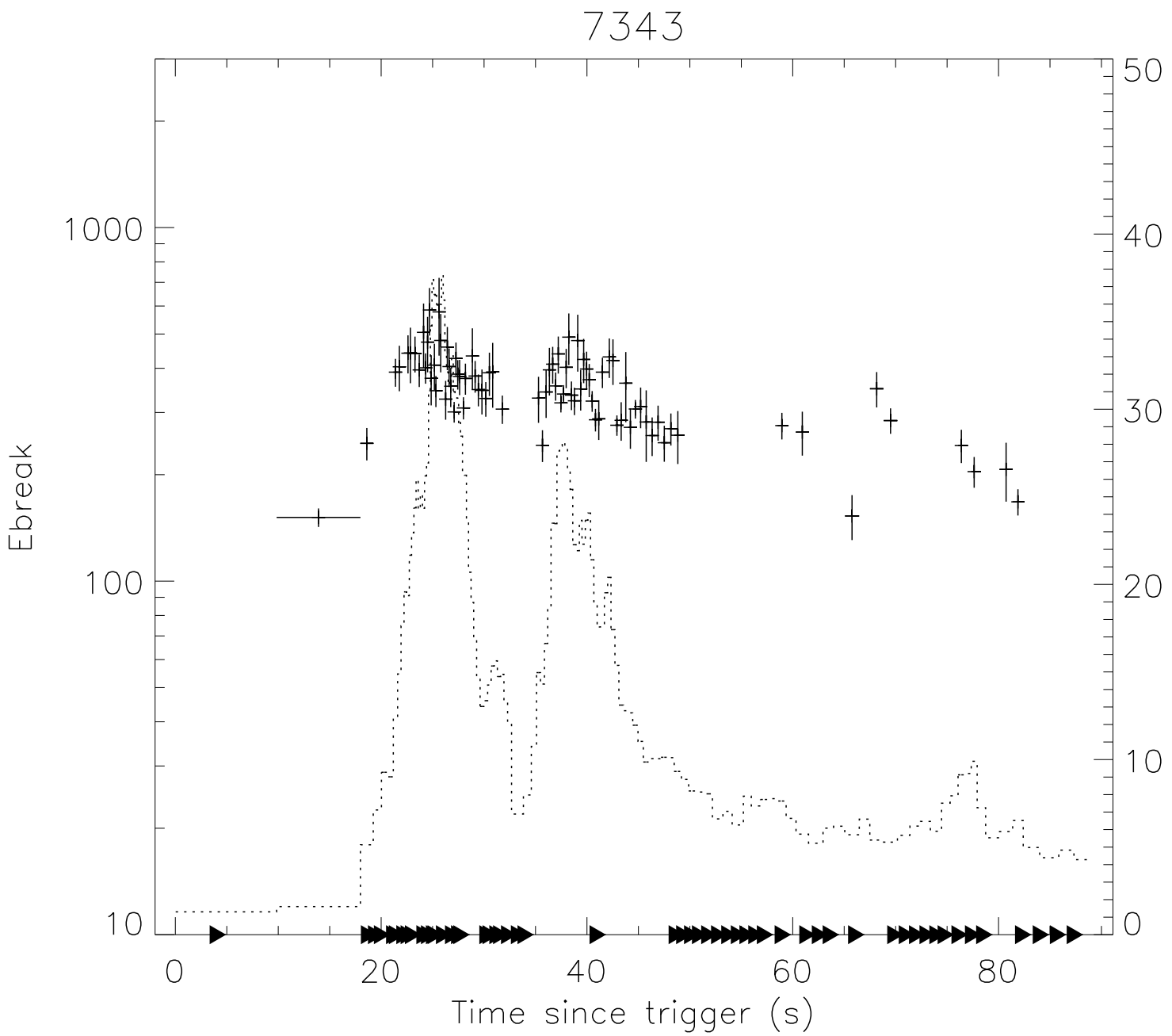

7285
1000
100
10
Ebreak
3.0
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40
50
Time since trigger (s)

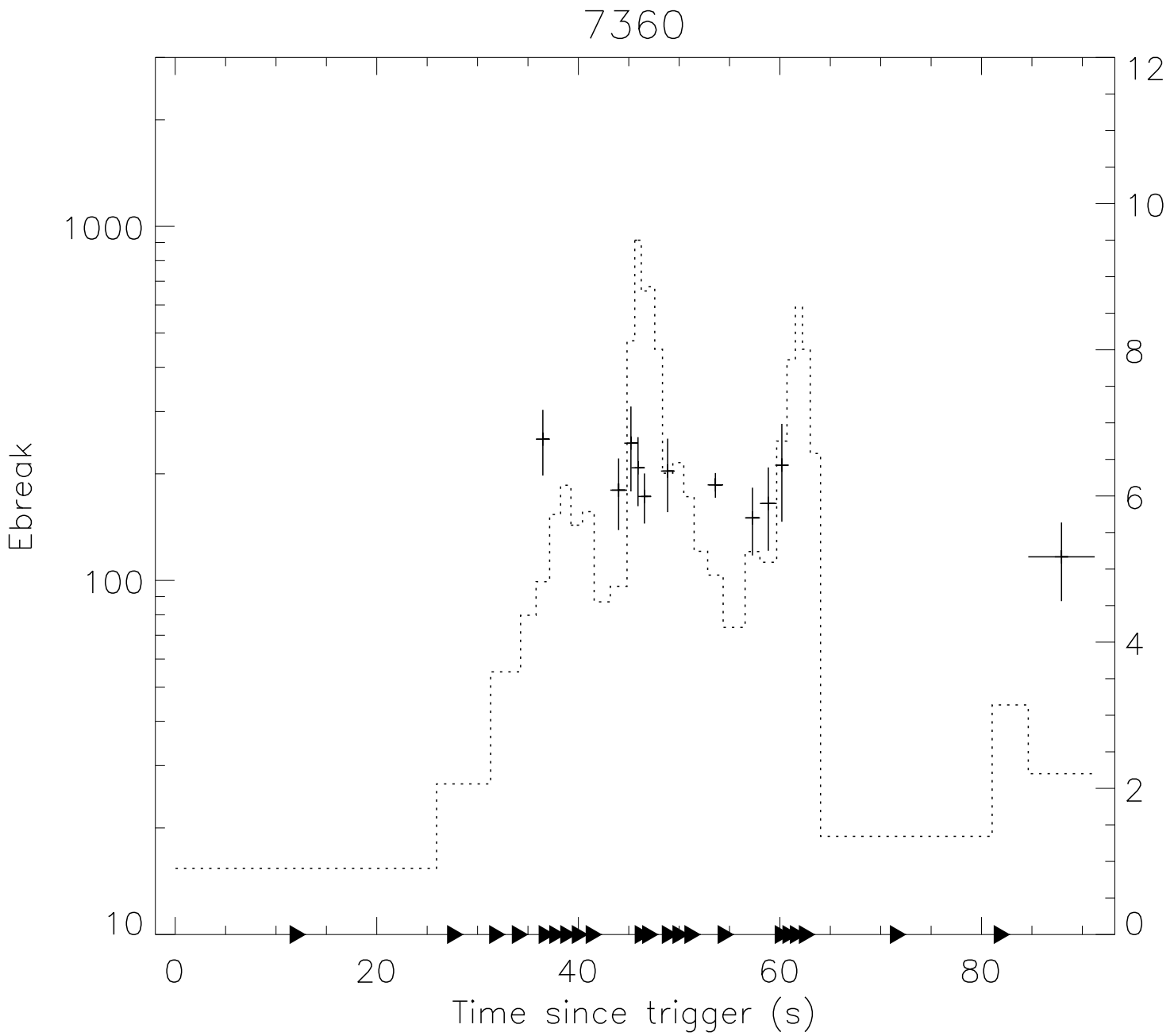

7295
1000
100
10
Ebreak
0
5
10
15
20
25
Time since trigger (s)
5
4
3
2
1
0

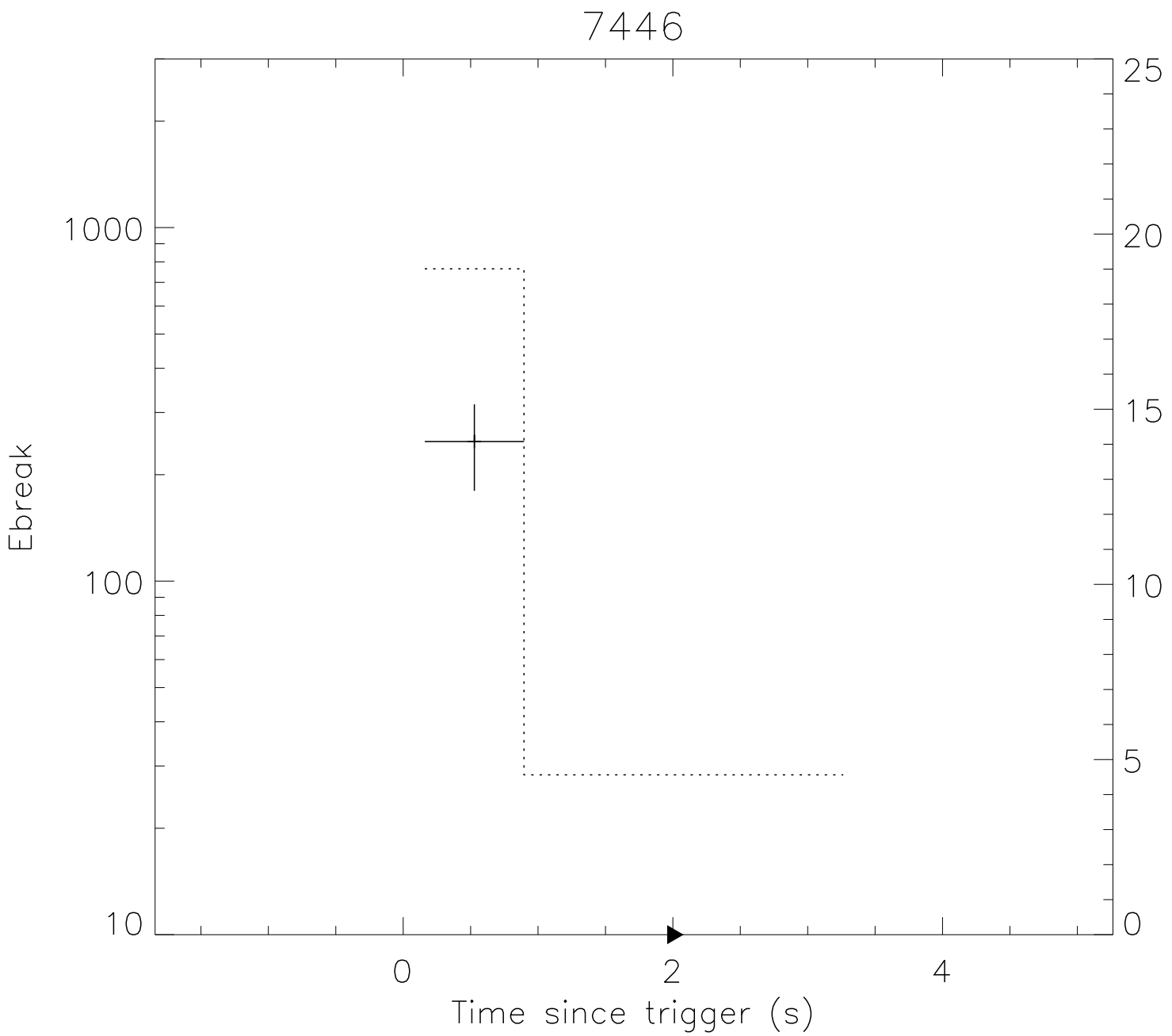

7301
Ebreak
1000
100
10
200
150
100
50
0
0
50
100
150
200
Time since trigger (s)

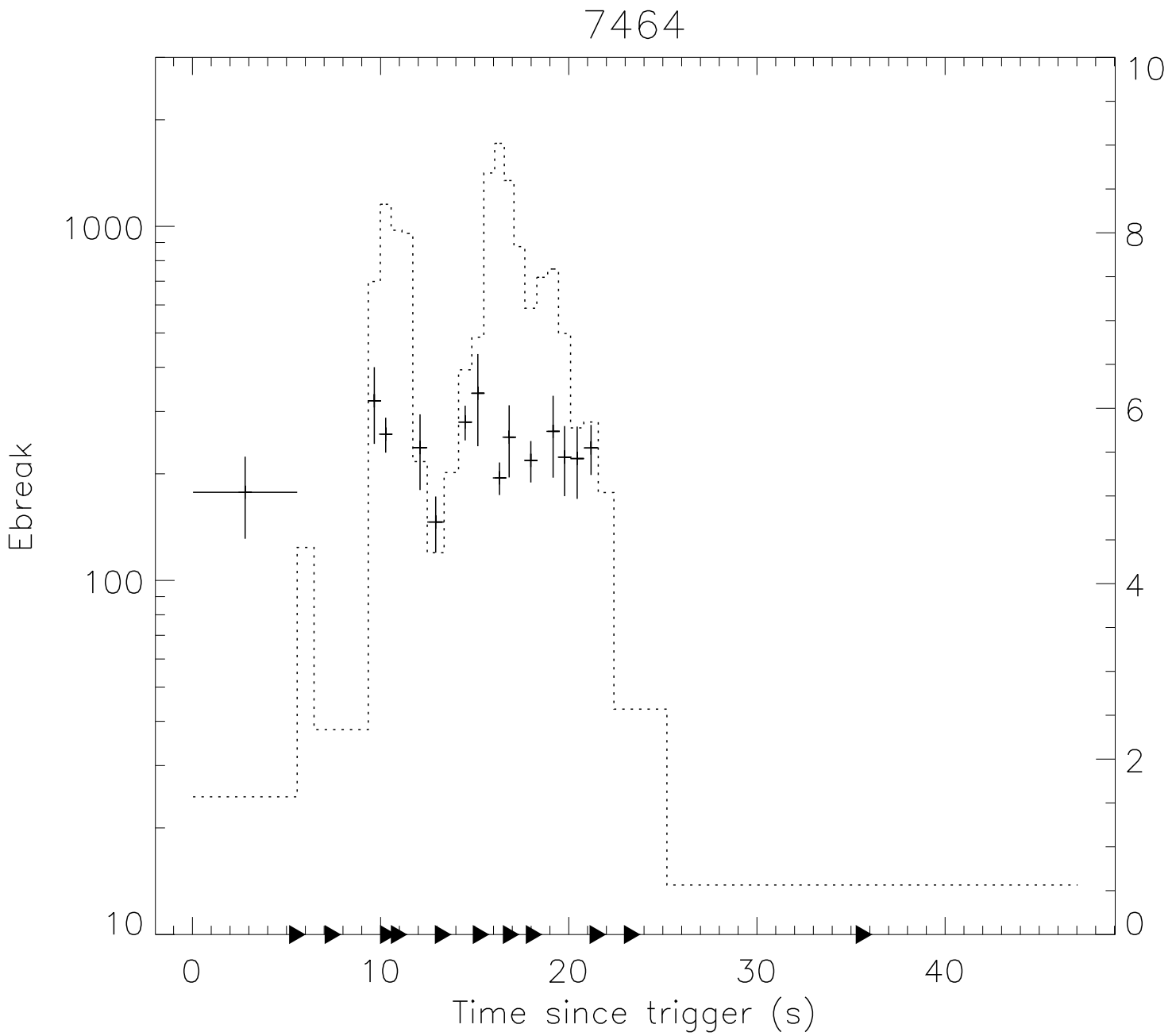

7310
1000
100
10
Ebreak
1.6
1.4
1.2
1.0
0.8
0.6
0
20
40
60
Time since trigger (s)

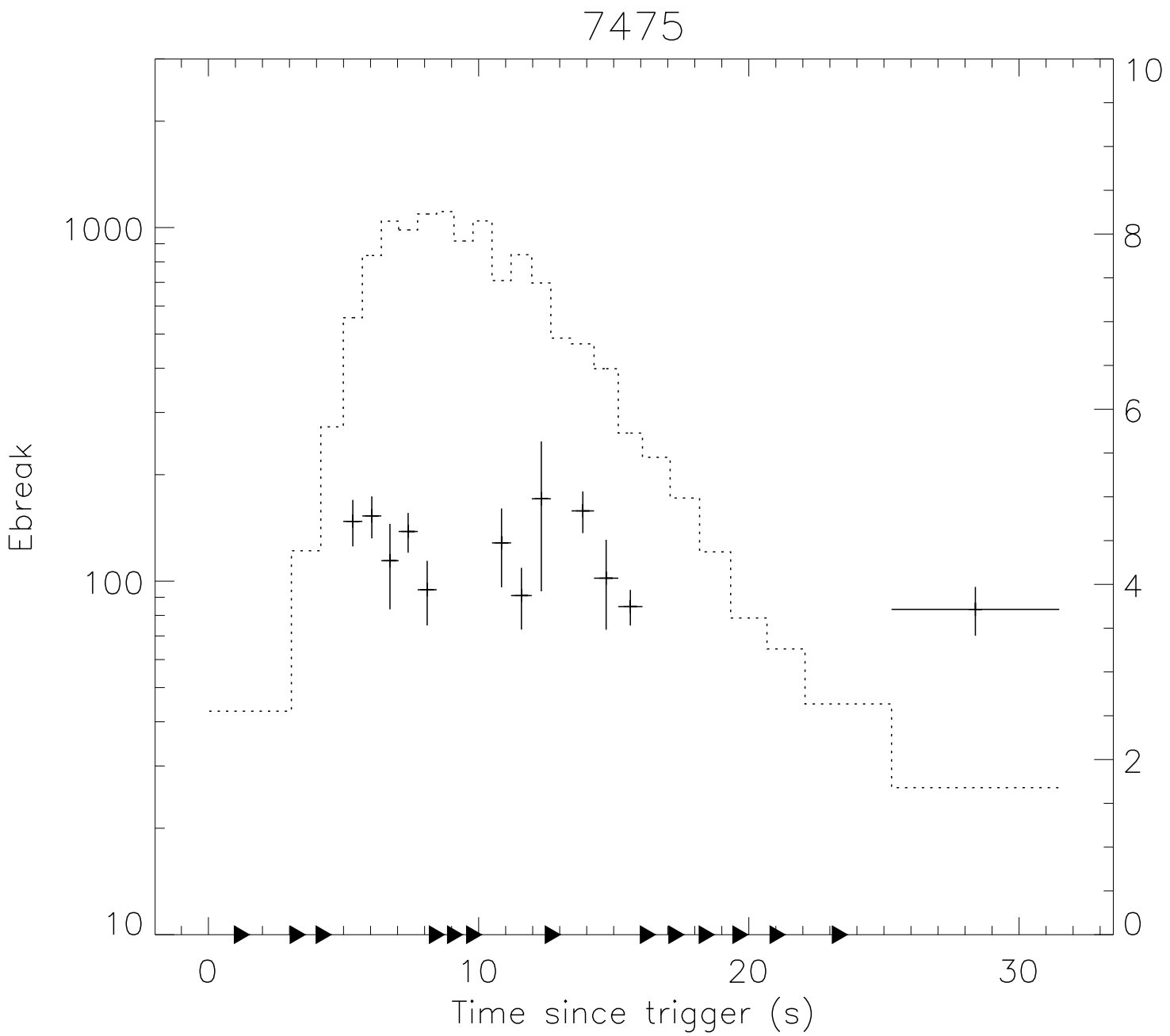

7318
1000
100
10
Ebreak
0
5
10
Time since trigger (s)
8
7
6
5
4
3
2
1

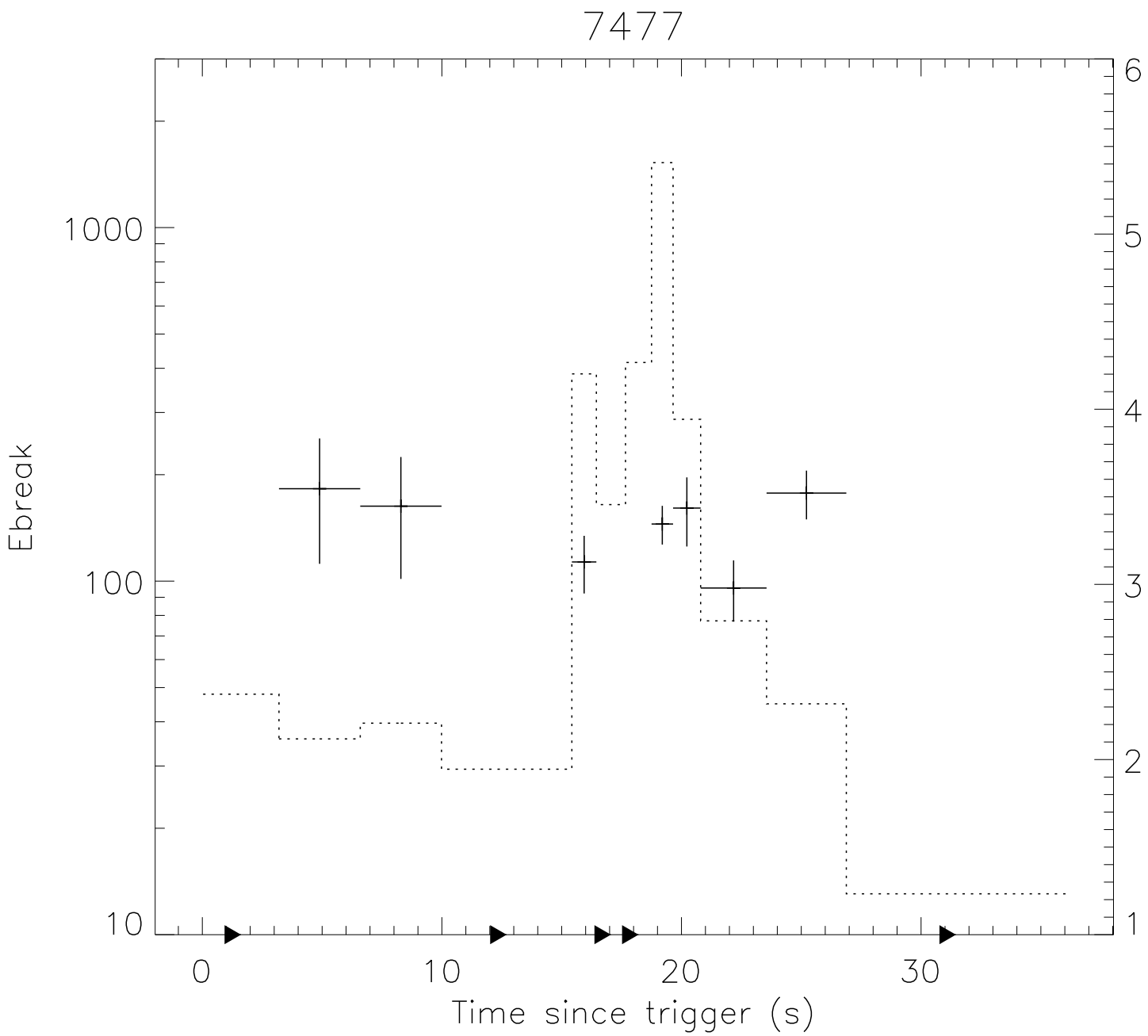

7343
1000
100
10
Ebreak
50
40
30
20
10
0
0
20
40
60
80
Time since trigger (s)

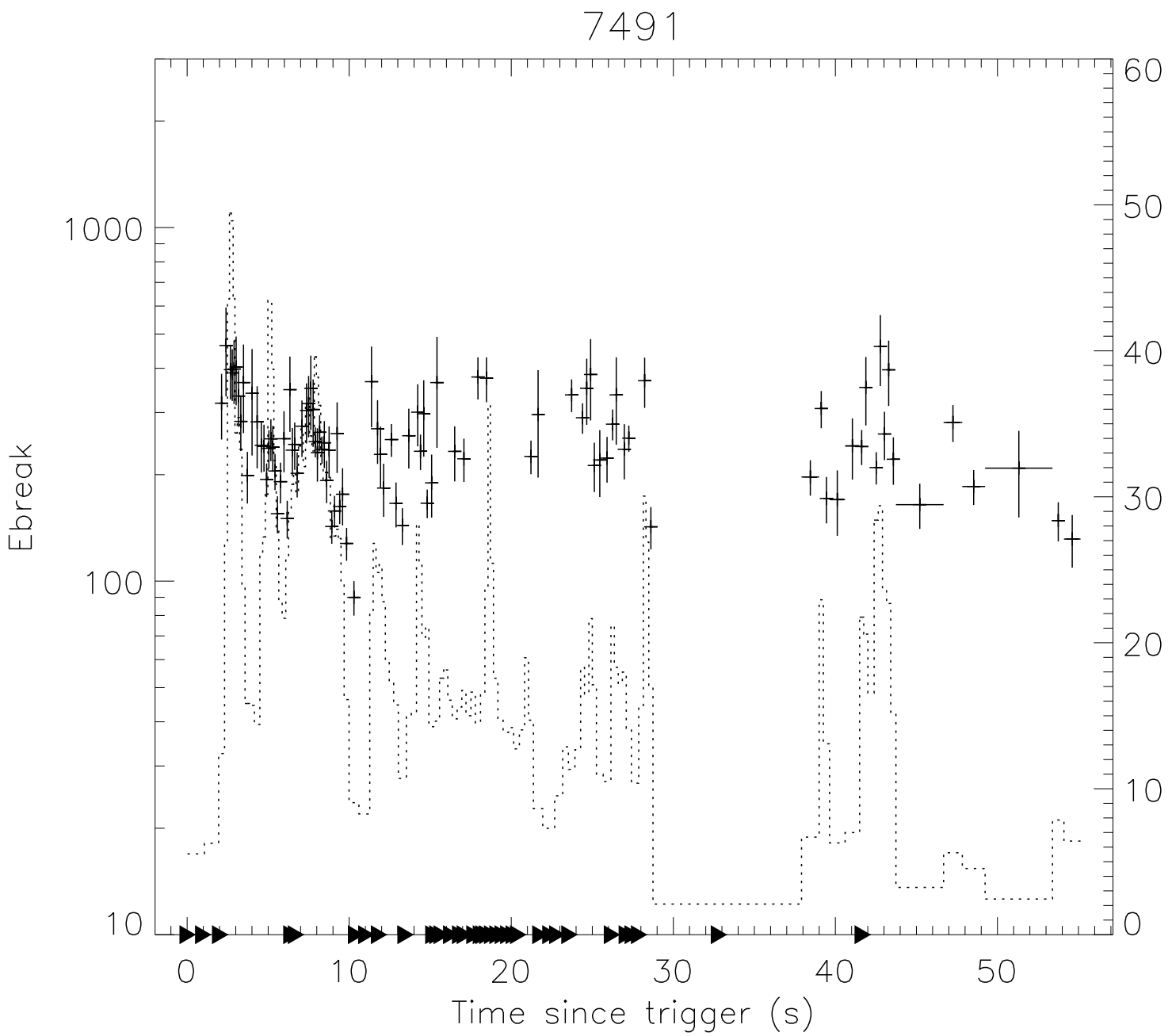

7360
1000
100
10
Ebreak
12
10
8
6
4
2
0
0
20
40
60
80
Time since trigger (s)

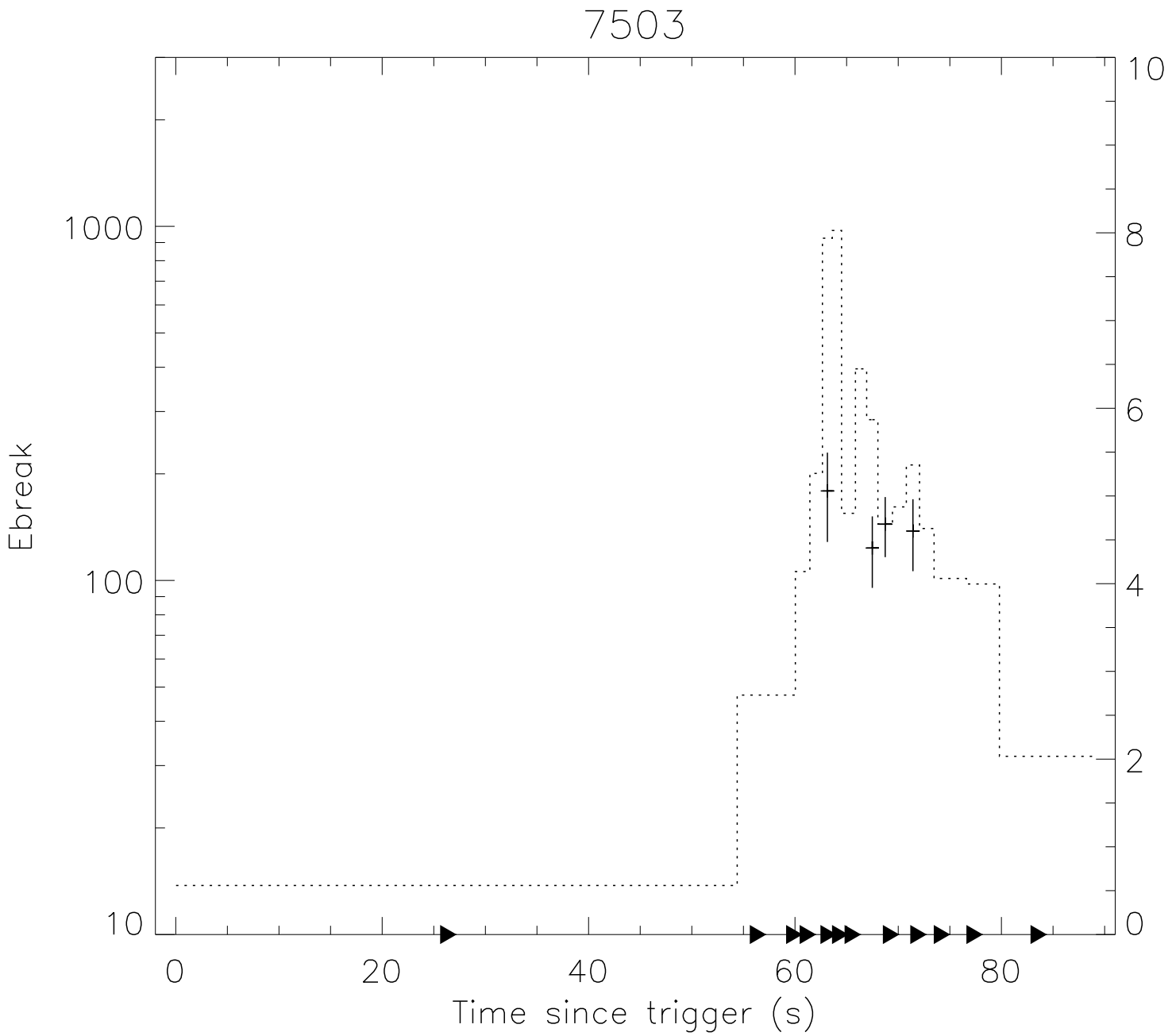

7446
1000
100
10
Ebreak
25
20
15
10
5
0
0
2
4
Time since trigger (s)

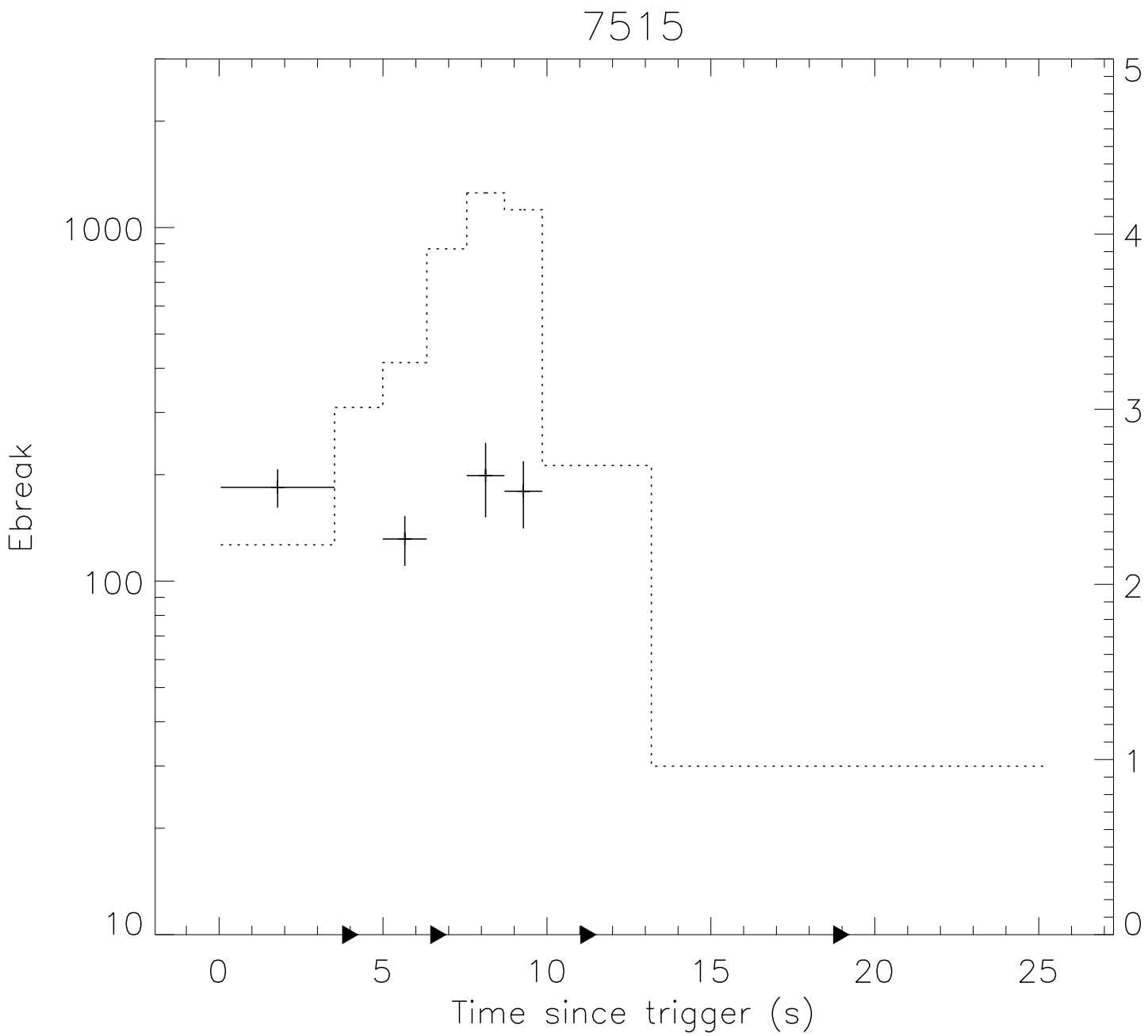

7464
Ebreak
1000
100
10
10
8
6
4
2
0
0
10
20
30
40
Time since trigger (s)

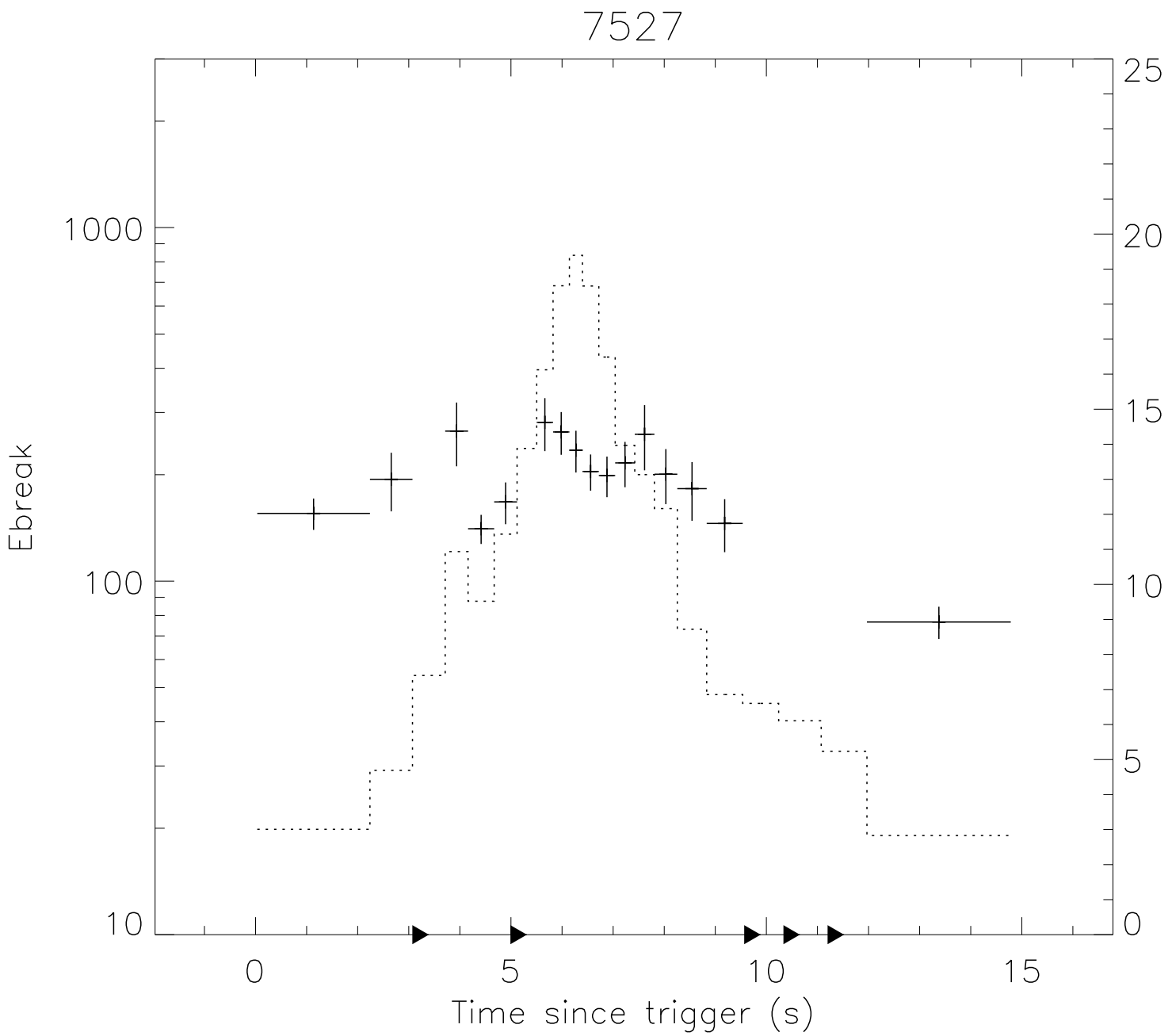

7475
1000
100
10
Ebreak
10
8
6
4
2
0
0
10
20
30
Time since trigger (s)

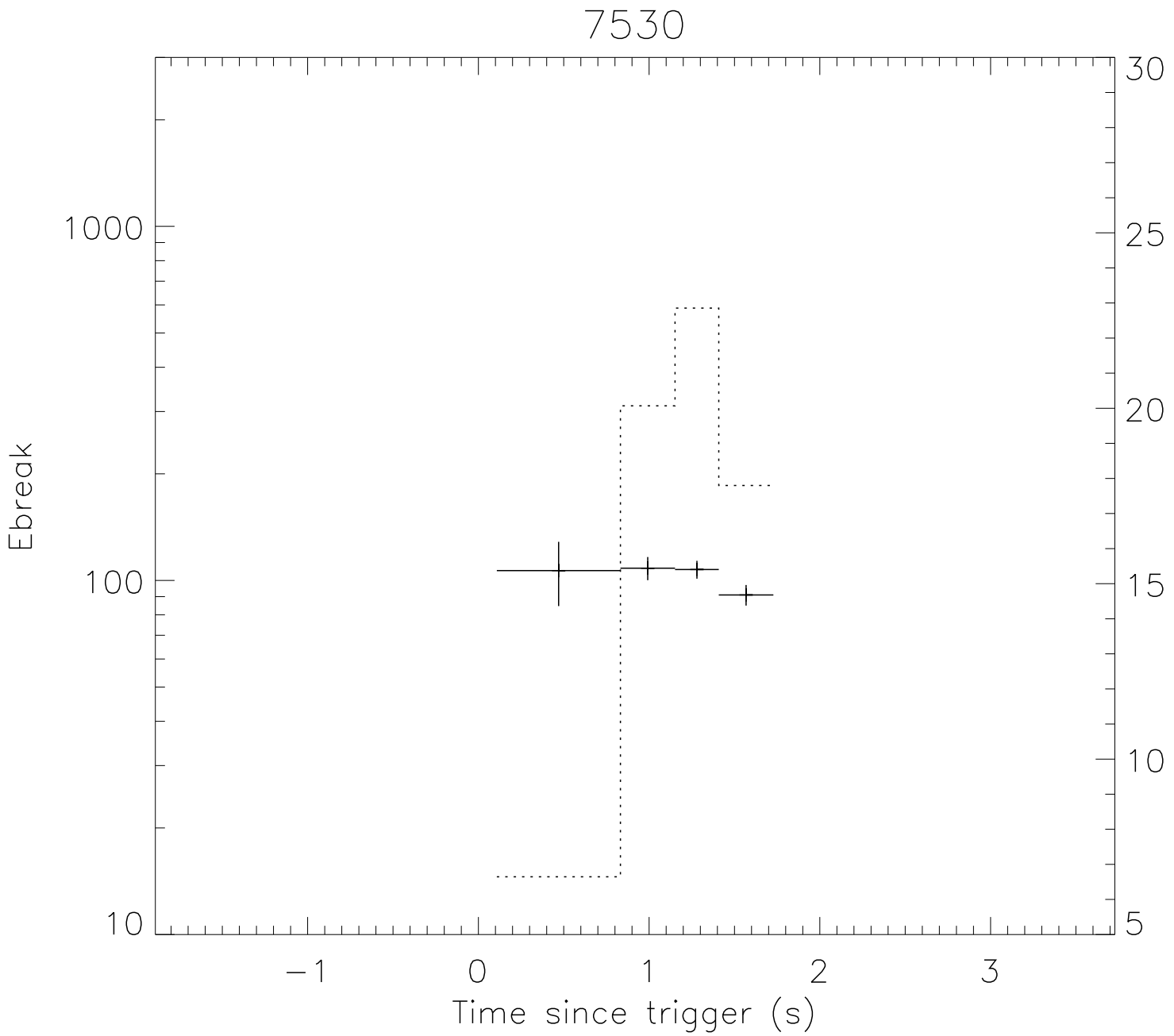

7477
Ebreak
1000
100
10
6
5
4
3
2
1
0
10
20
30
Time since trigger (s)

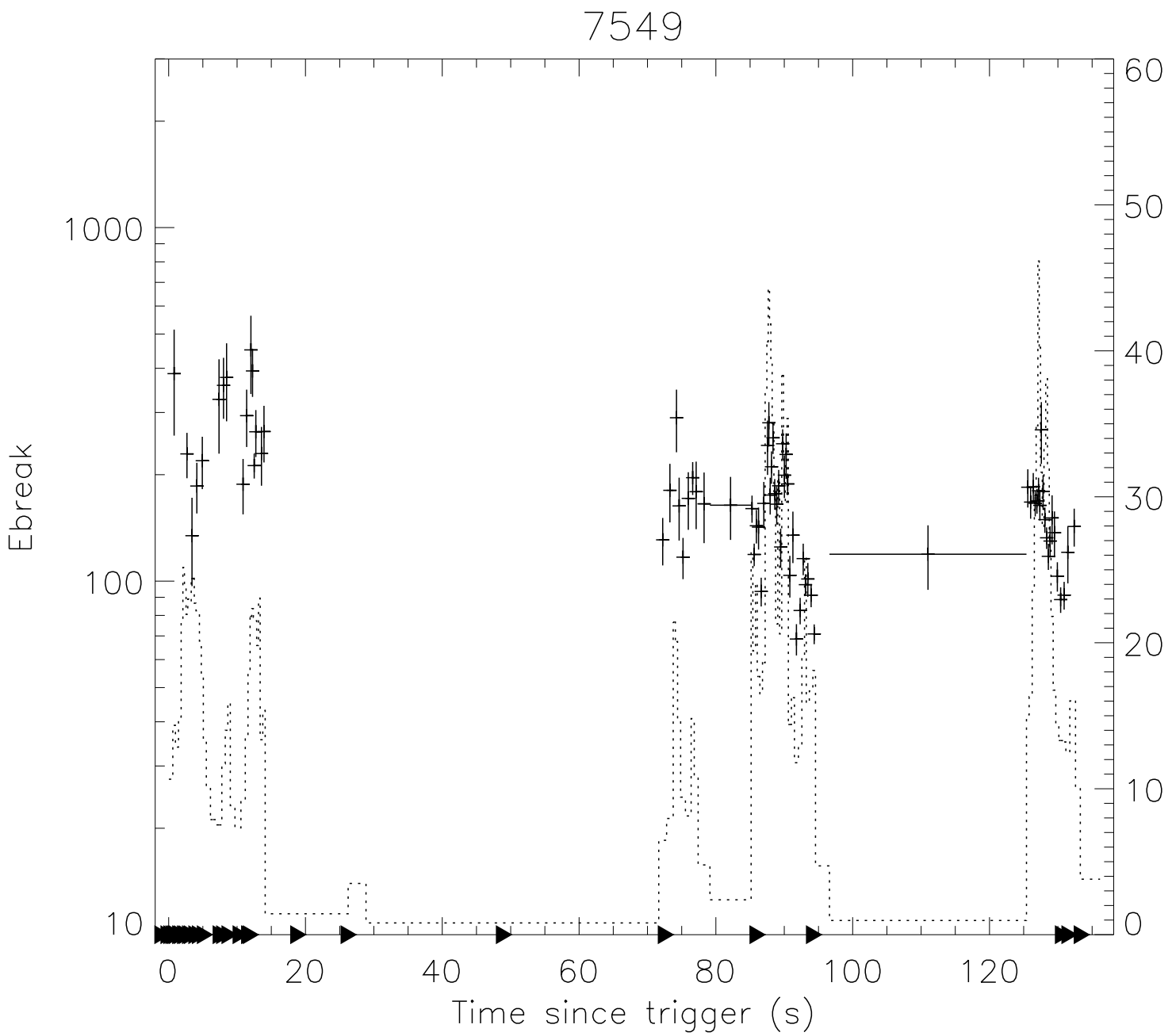

7491
Ebreak
1000
100
10
0
10
20
30
40
50
60
Time since trigger (s)

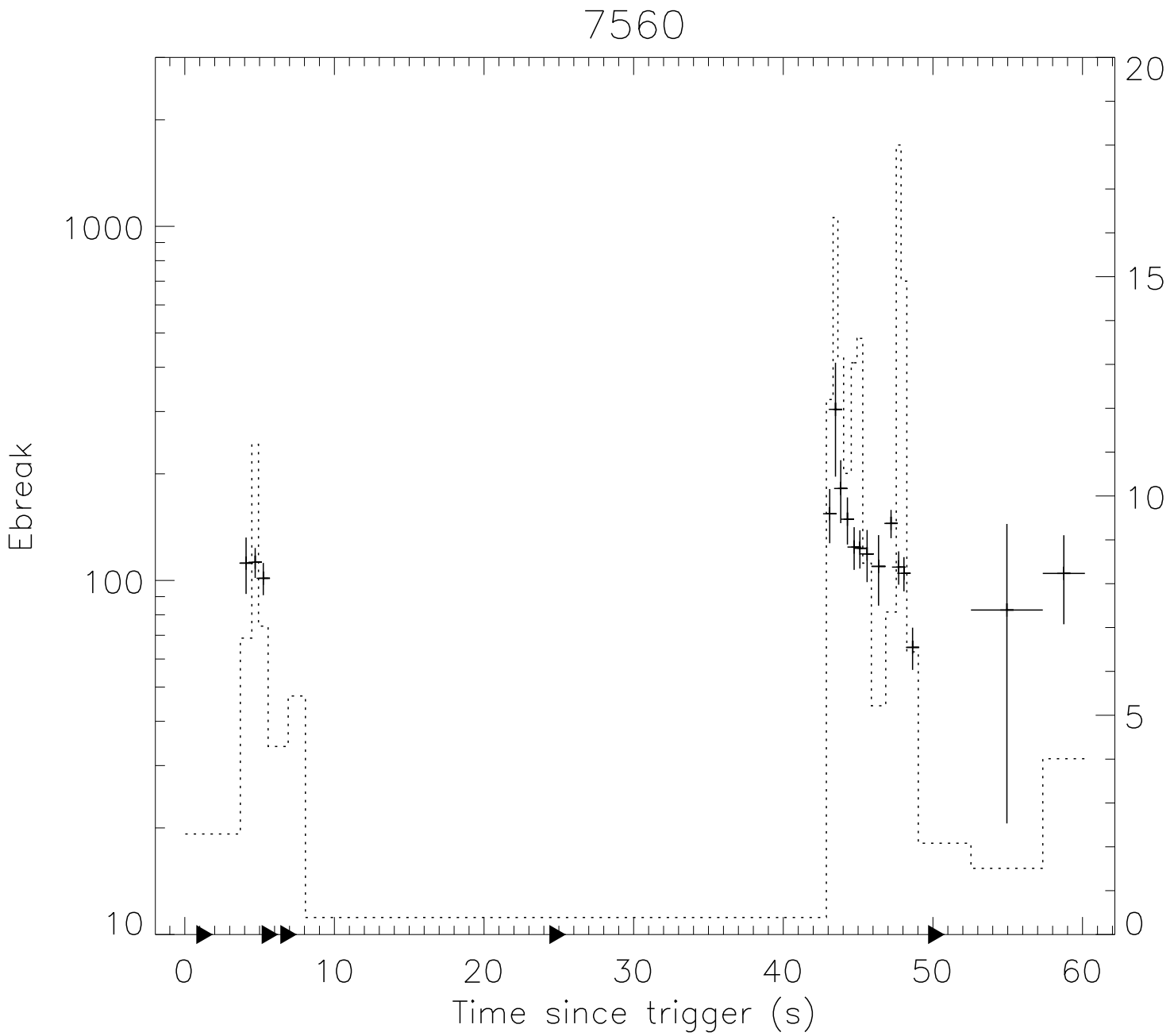

7503
1000
100
10
Ebreak
10
8
6
4
2
0
0
20
40
60
80
Time since trigger (s)

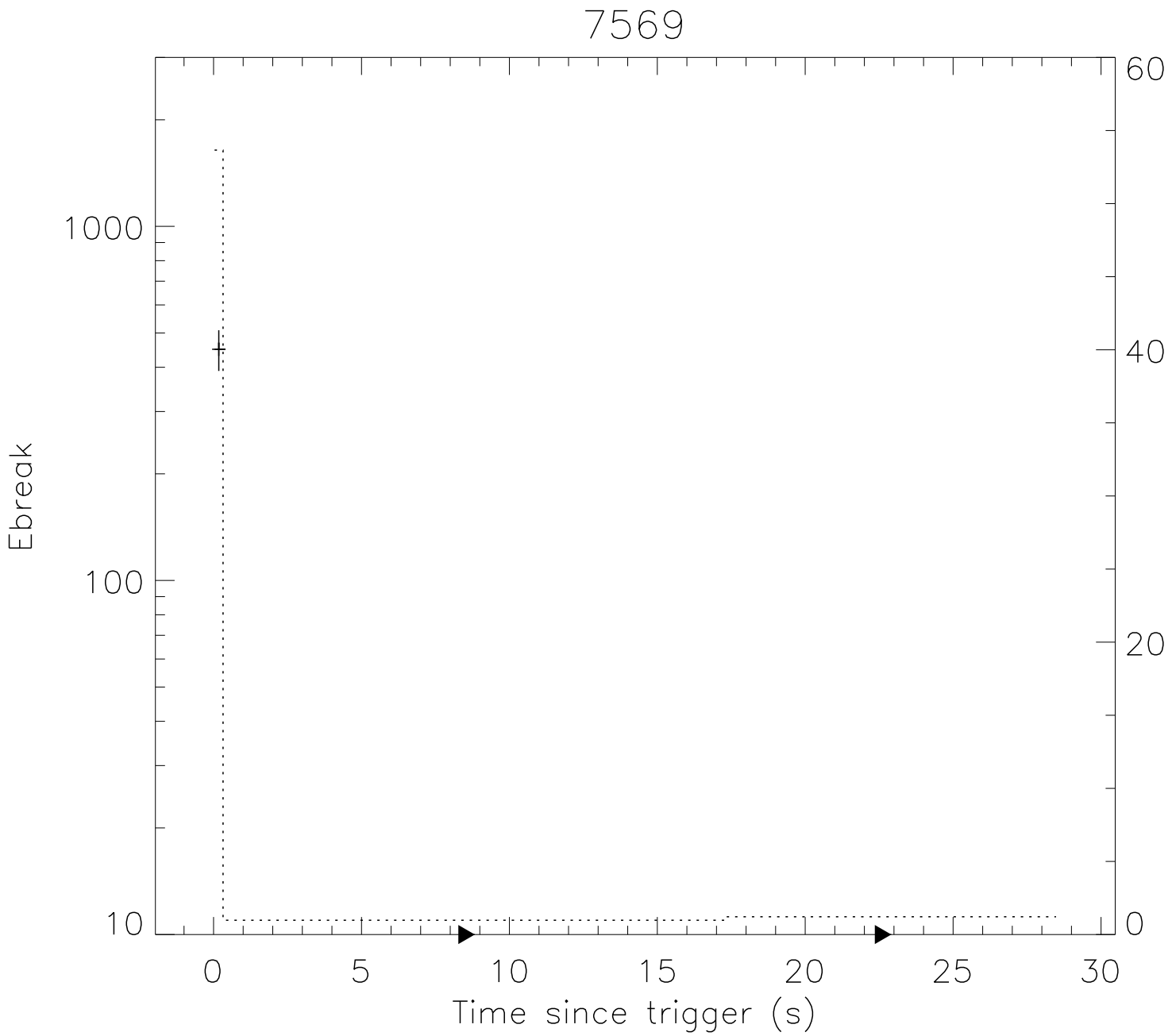

7515
Ebreak
1000
100
10
0
5
10
15
20
25
Time since trigger (s)
5
4
3
2
1
0

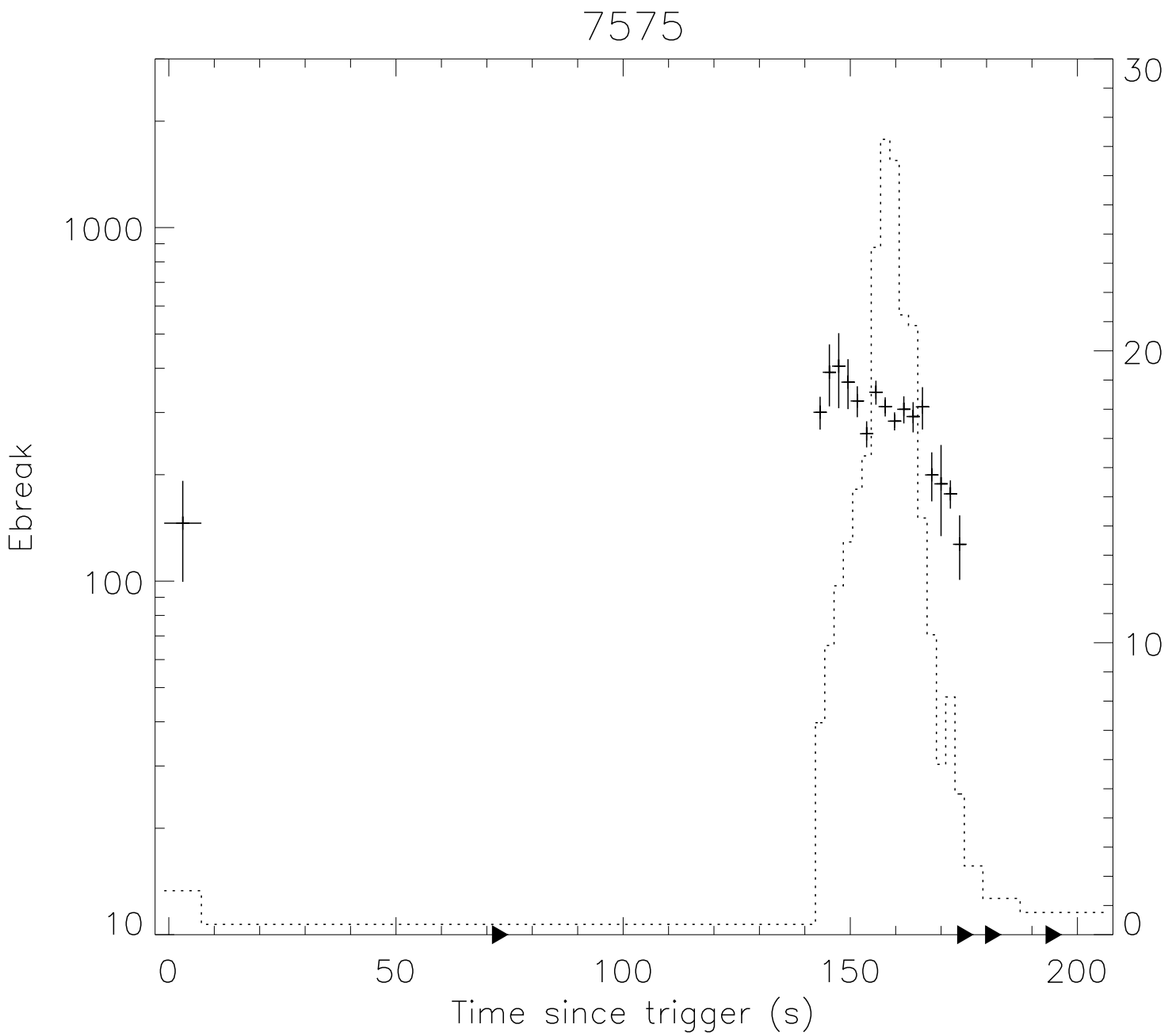

7527
Ebreak
1000
100
10
25
20
15
10
5
0
0
5
10
15
Time since trigger (s)

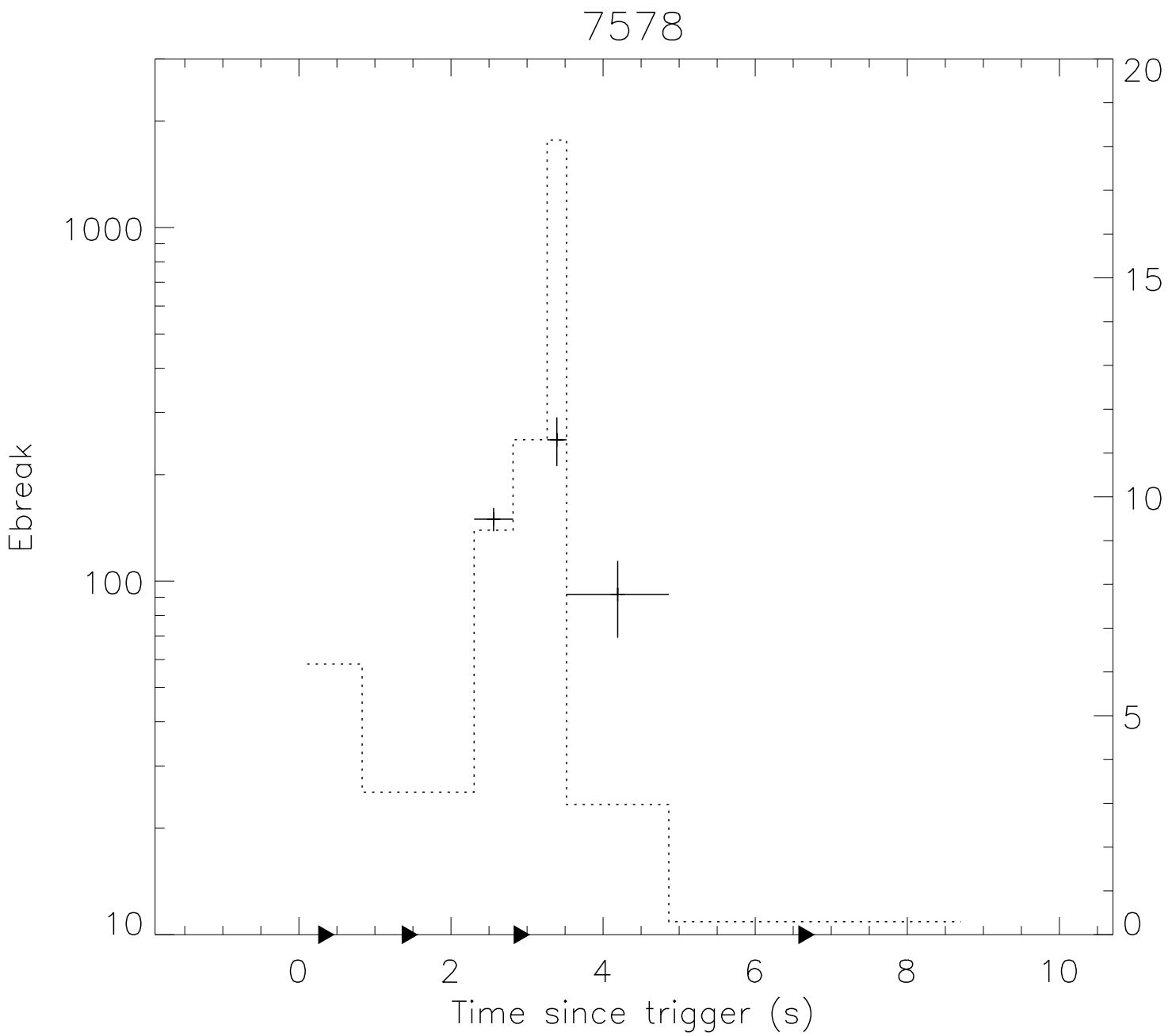

7530
1000
100
10
Ebreak
30
25
20
15
10
5
−1
0
1
2
3
Time since trigger (s)

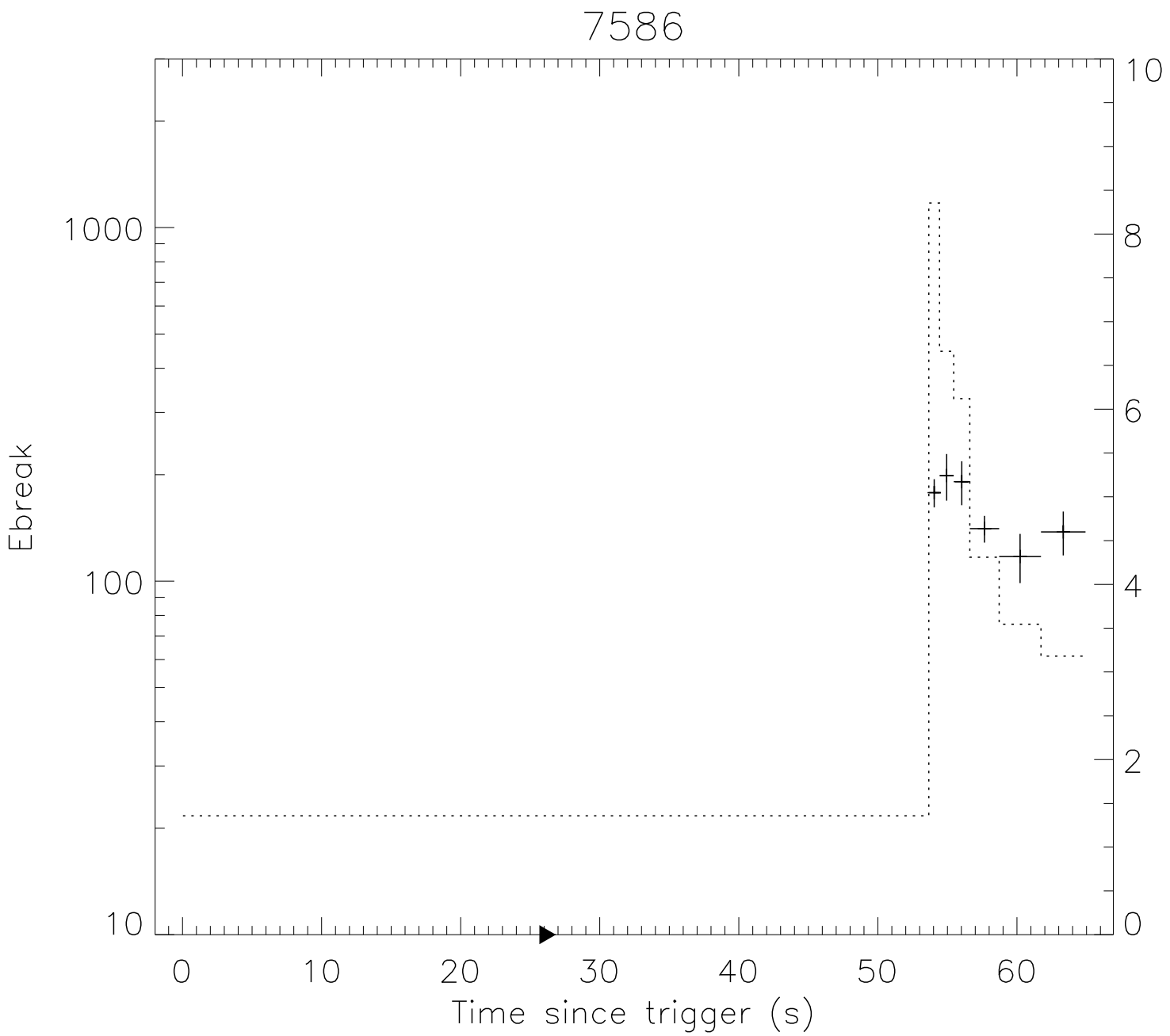

7549
Ebreak
1000
100
10
60
50
40
30
20
10
0
0
20
40
60
80
100
120
Time since trigger (s)

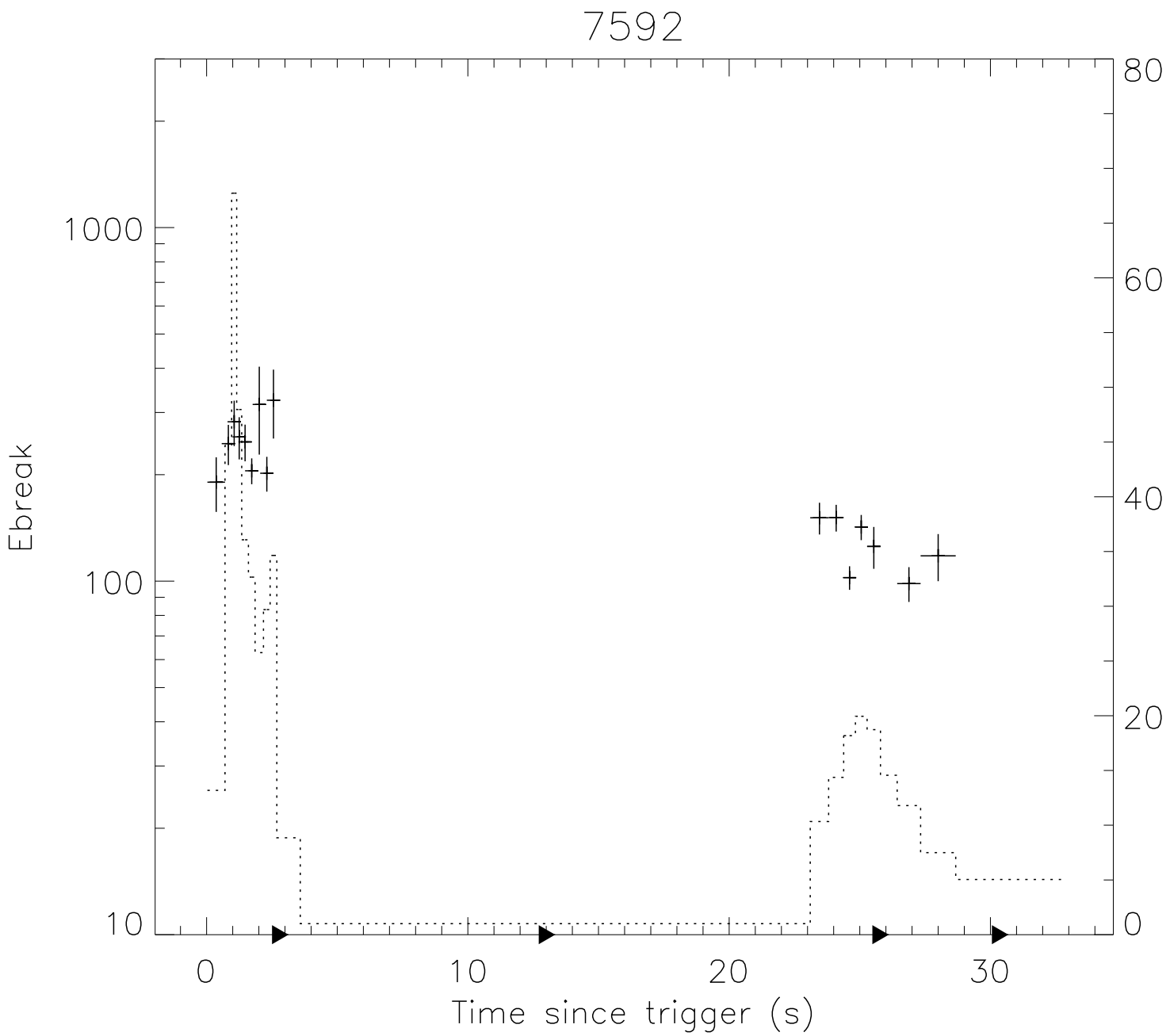

7560
Ebreak
1000
100
10
20
15
10
5
0
0
10
20
30
40
50
60
Time since trigger (s)

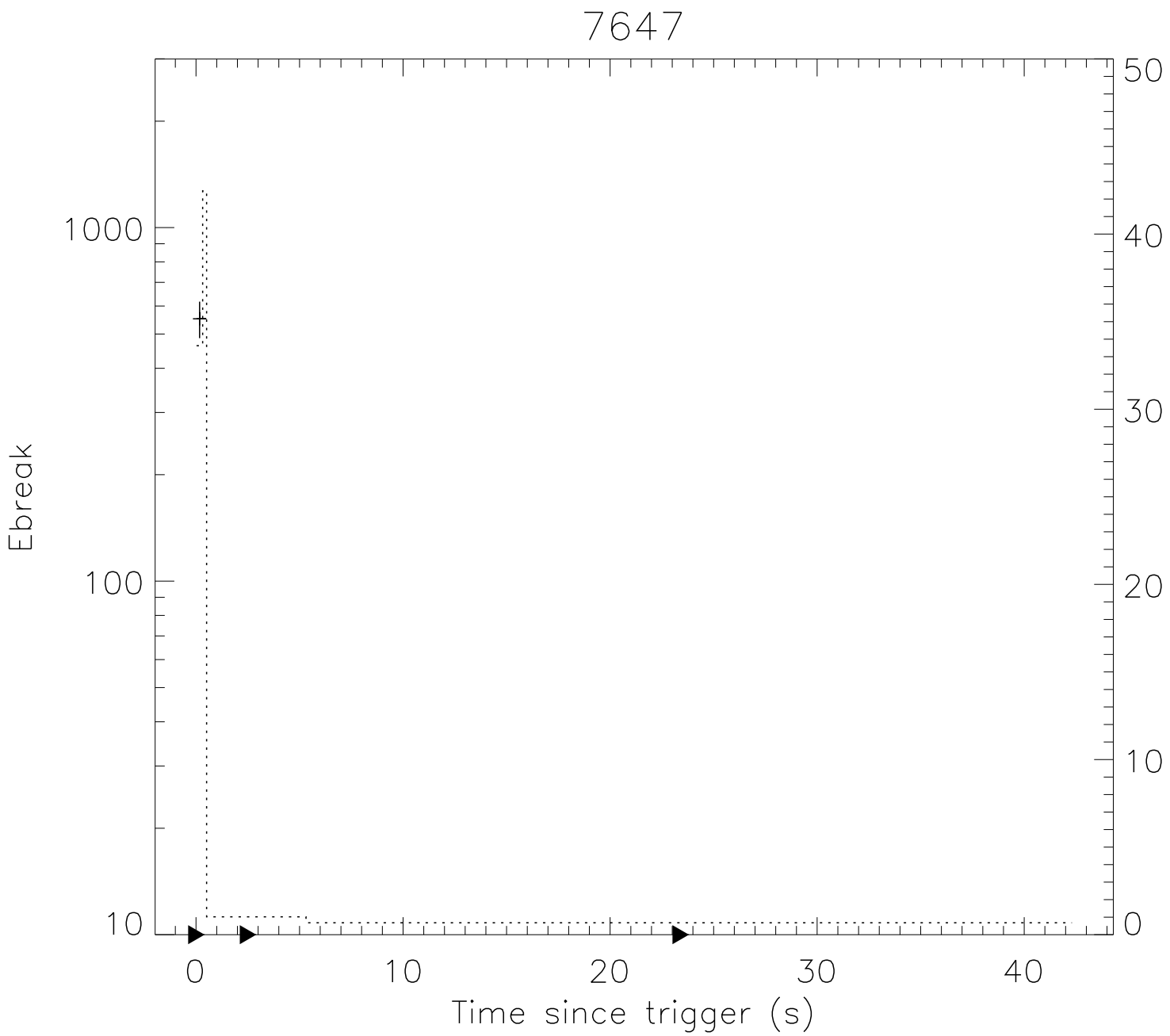

7569
1000
100
10
Ebreak
60
40
20
0
0
5
10
15
20
25
30
Time since trigger (s)

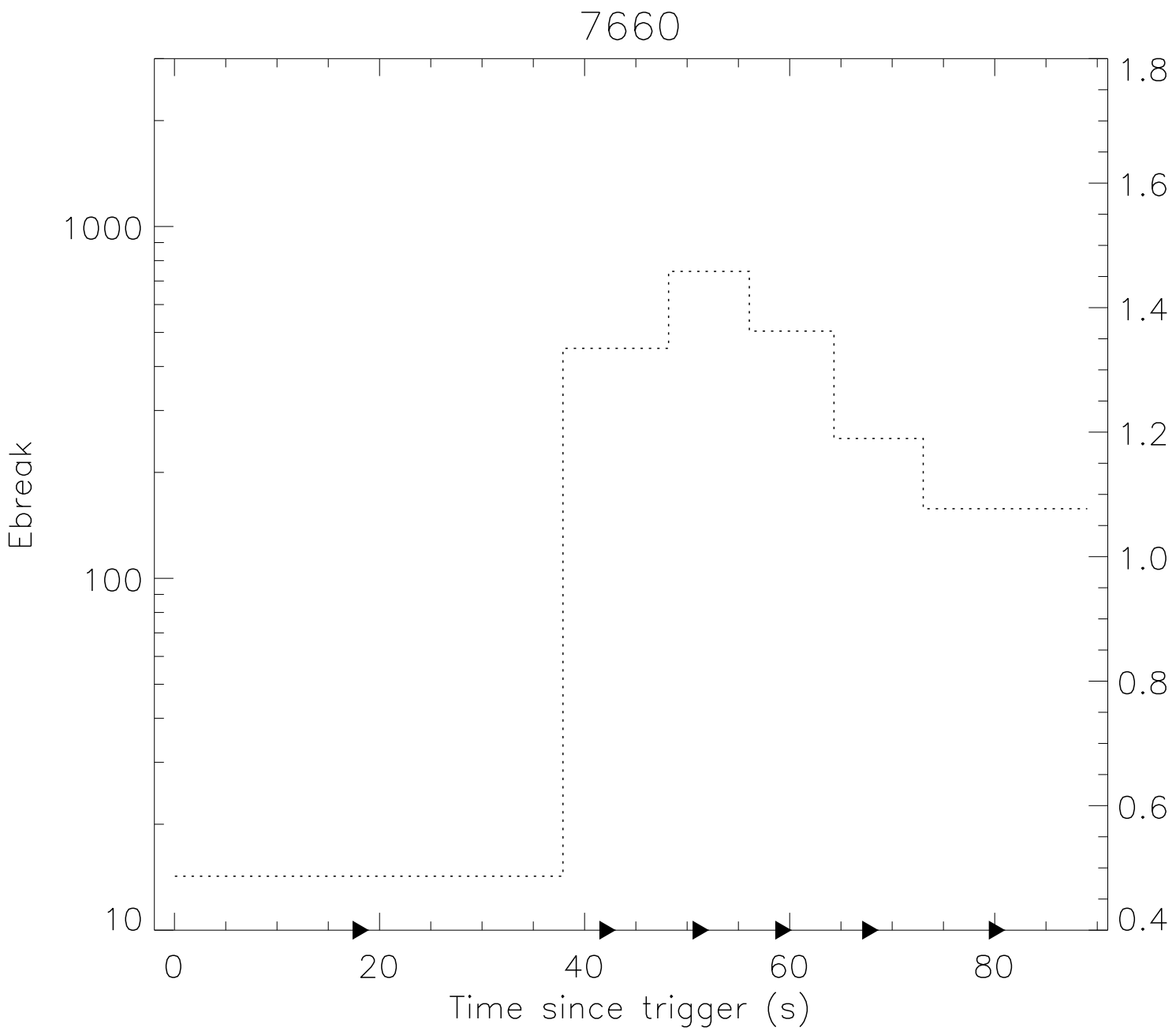

7575
Ebreak
1000
100
10
30
20
10
0
0
50
100
150
200
Time since trigger (s)

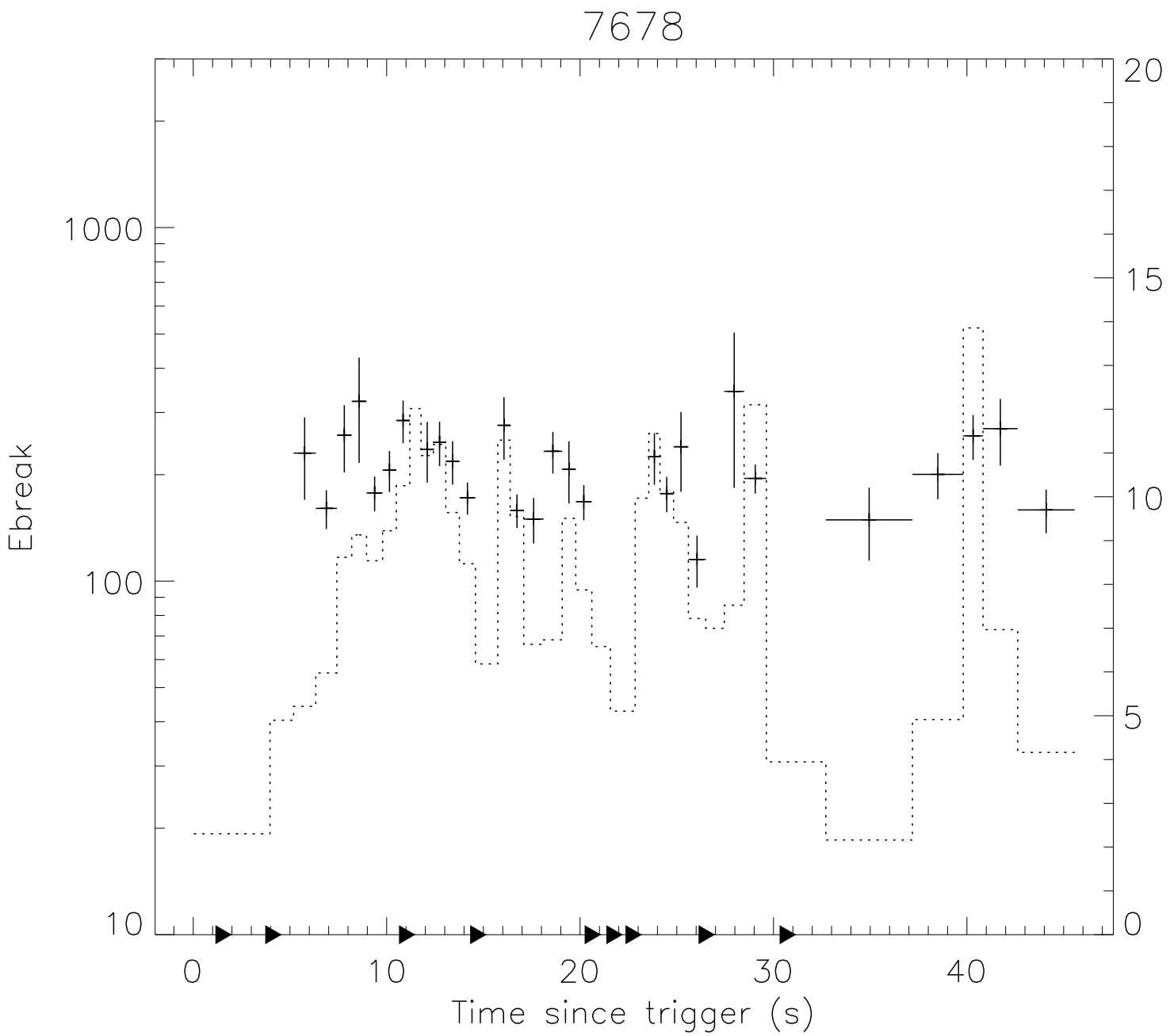

7578
Ebreak
1000
100
10
20
15
10
5
0
0
2
4
6
8
10
Time since trigger (s)

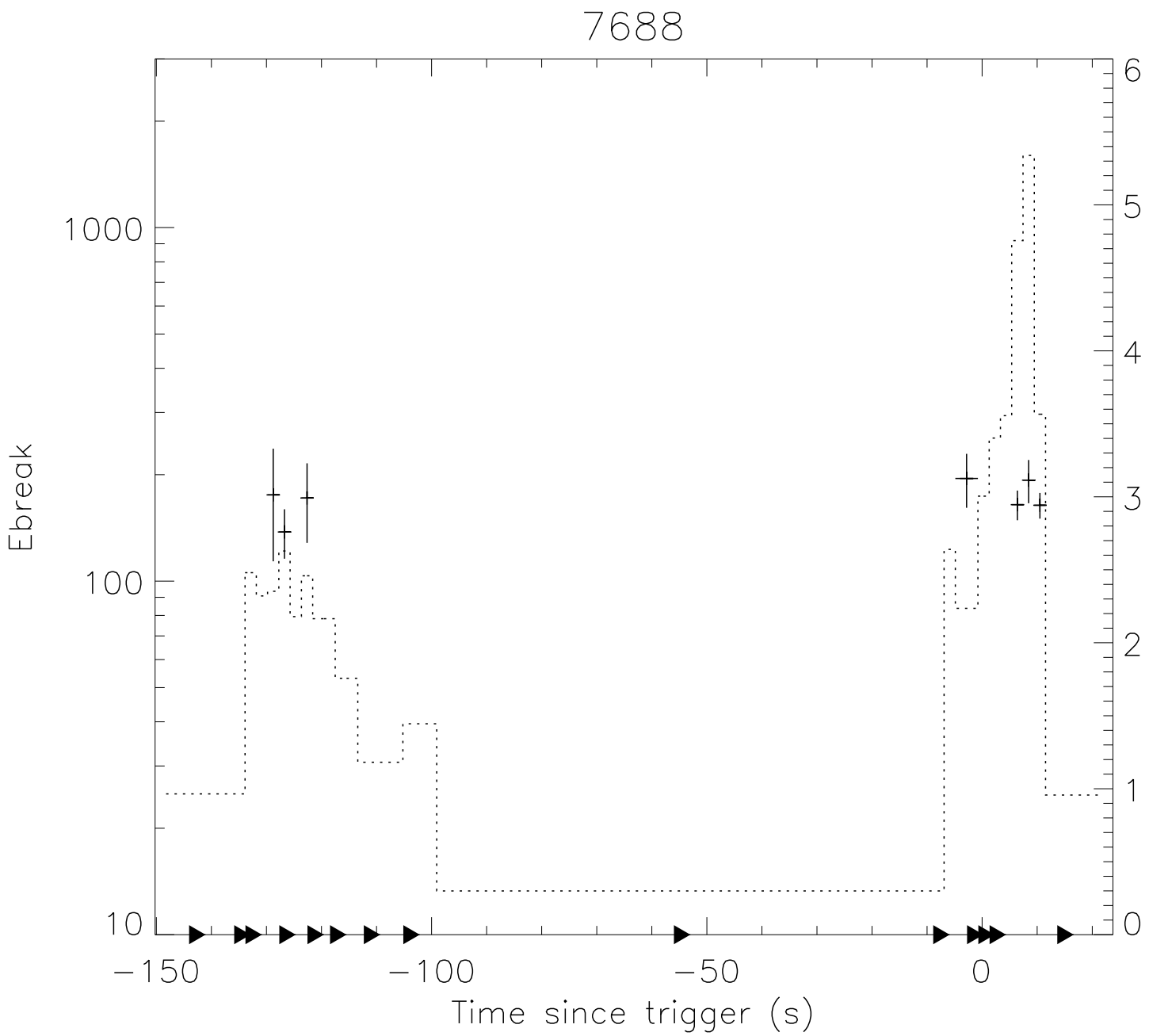

7586
Ebreak
1000
100
10
10
8
6
4
2
0
0
10
20
30
40
50
60
Time since trigger (s)

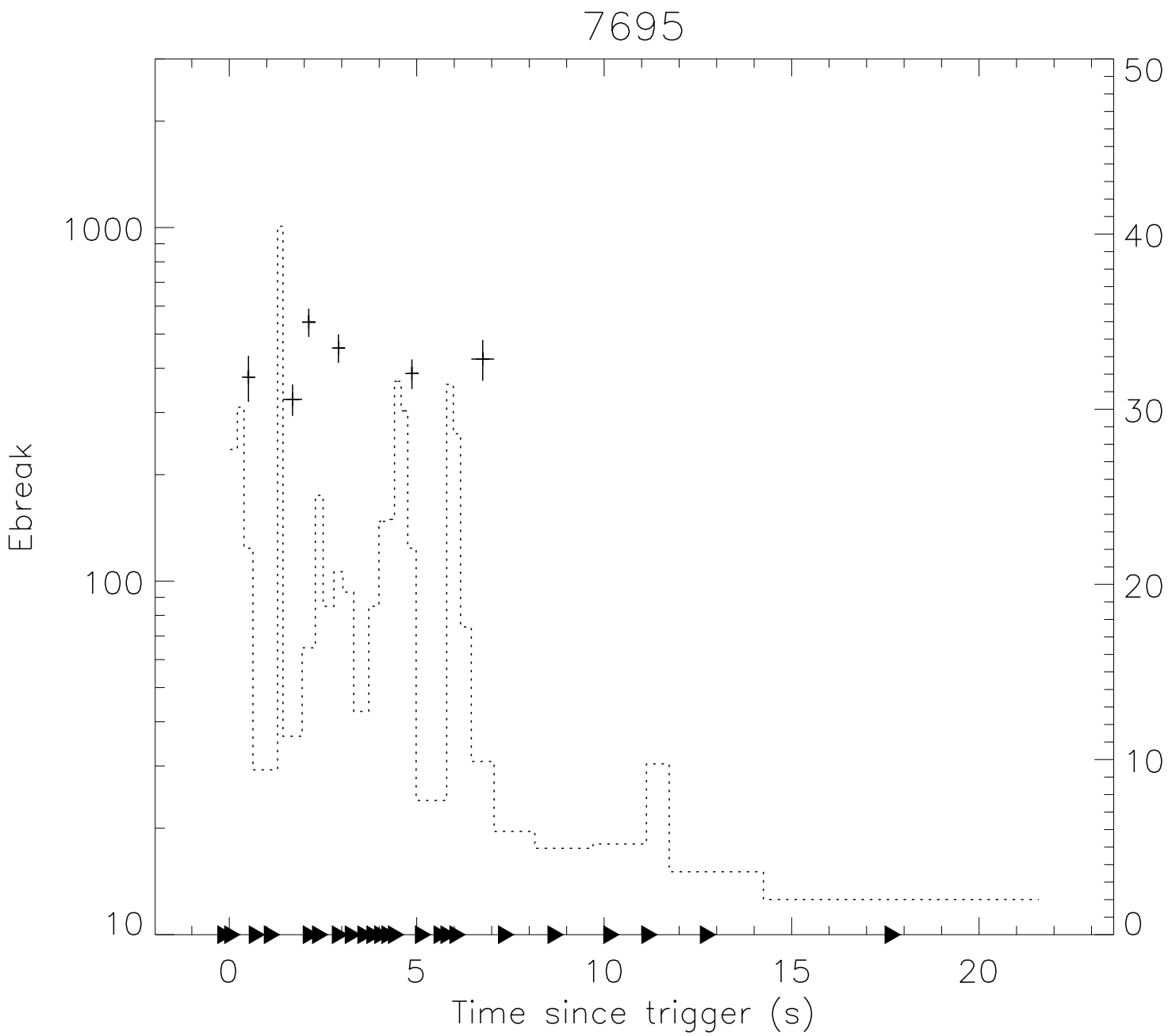

7592
Ebreak
1000
100
10
80
60
40
20
0
0
10
20
30
Time since trigger (s)

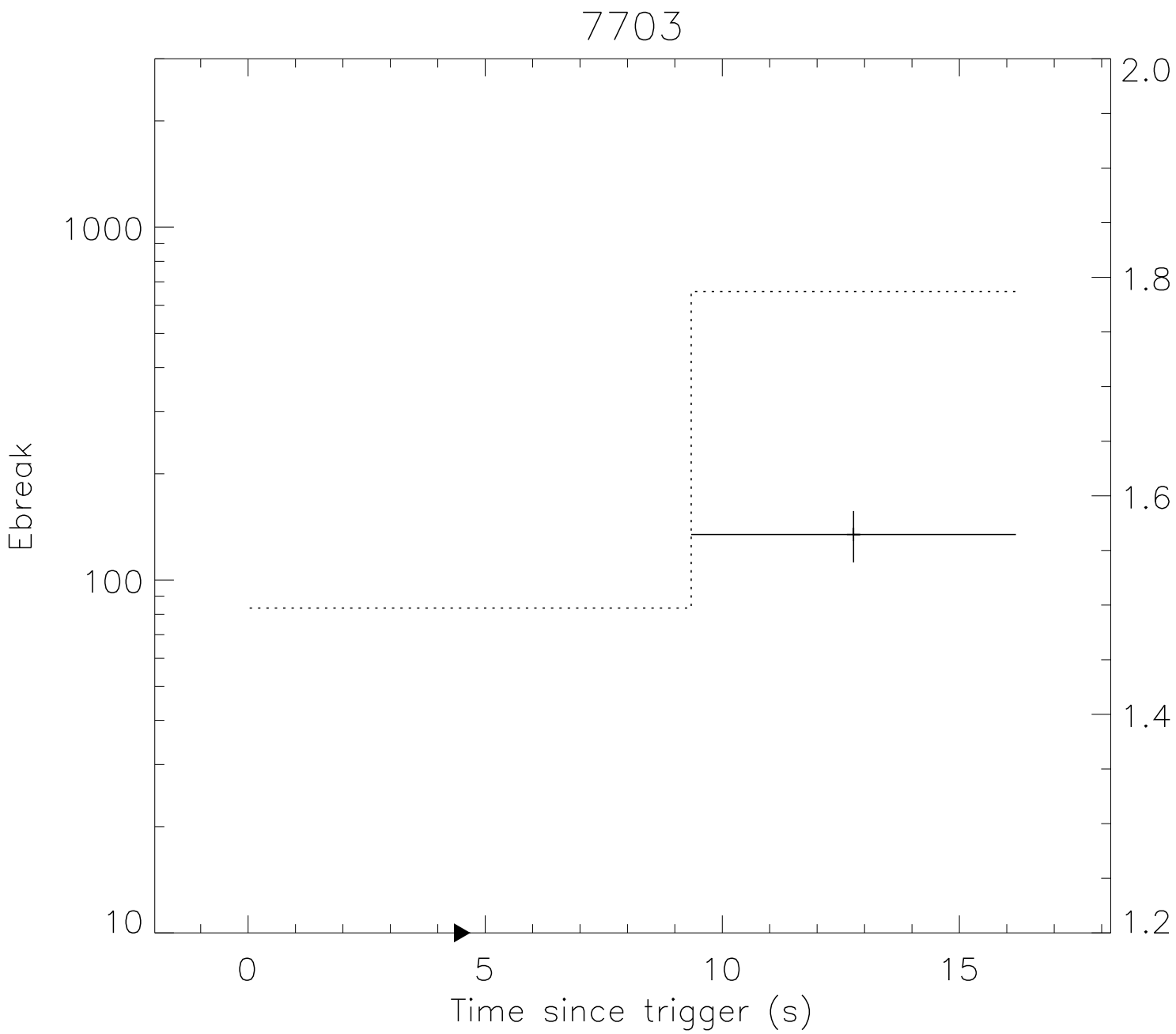

7647
Ebreak
1000
100
10
50
40
30
20
10
0
0
10
20
30
40
Time since trigger (s)

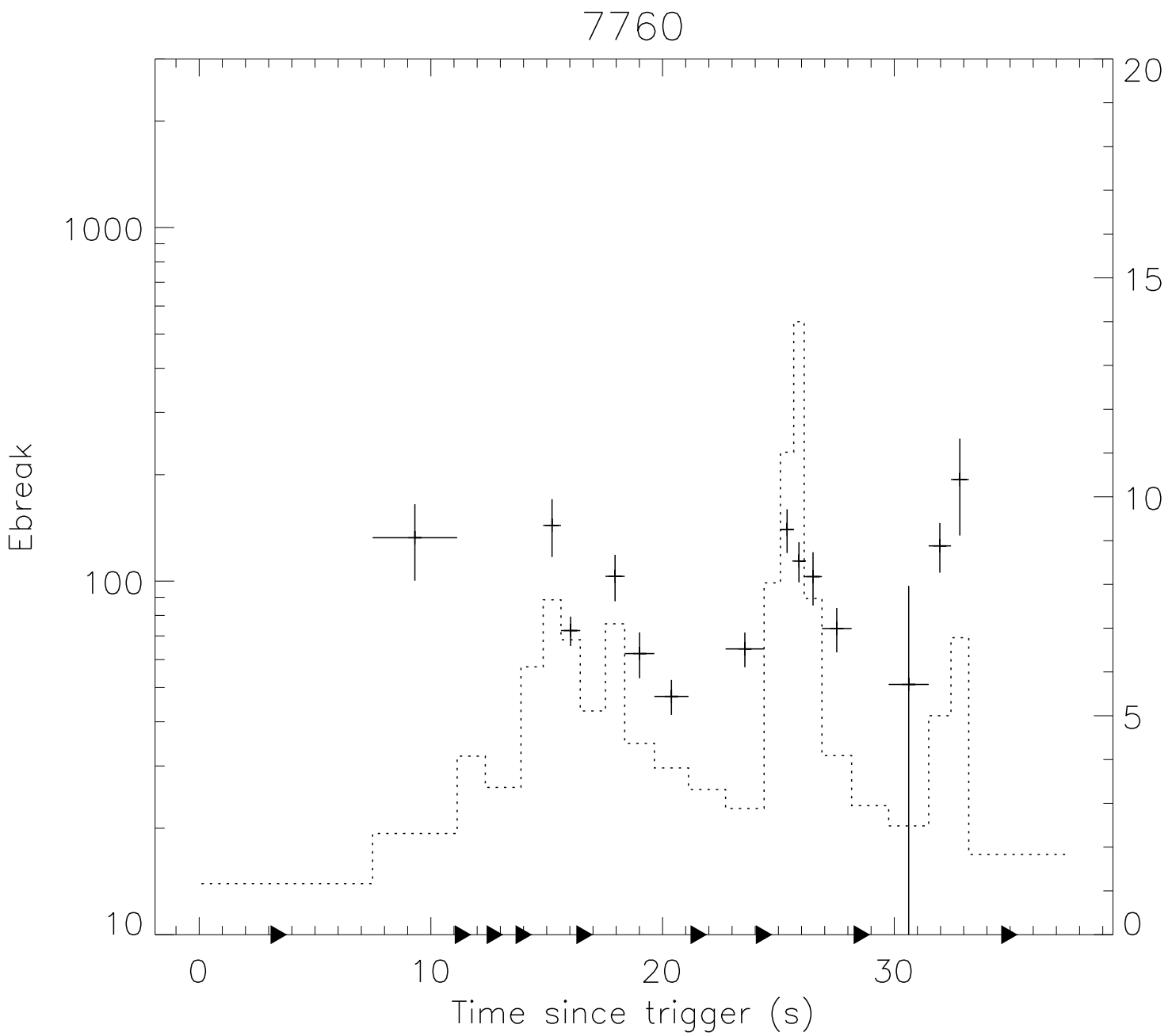

7660
1000
100
10
Ebreak
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0
20
40
60
80
Time since trigger (s)

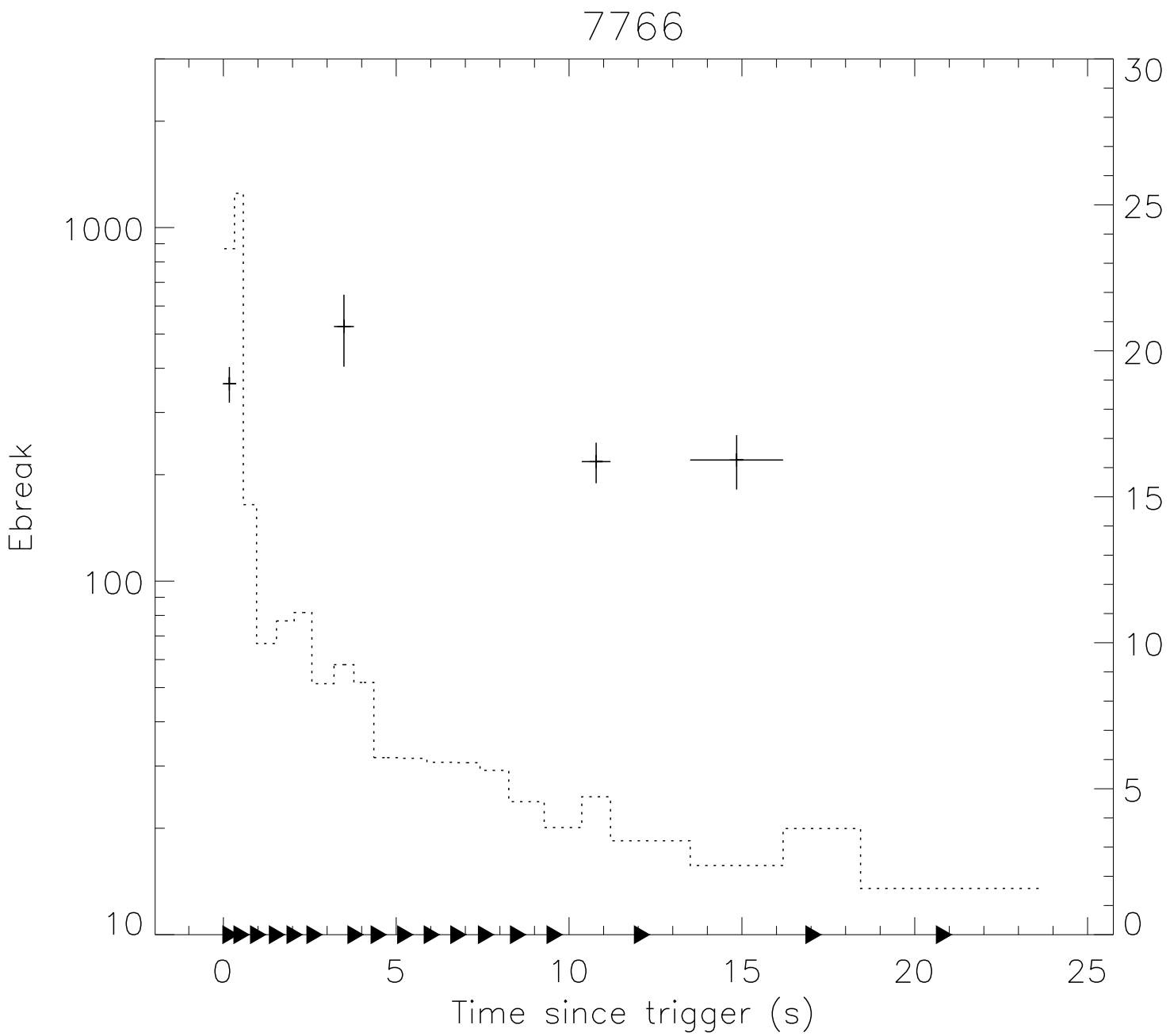

7678
Ebreak
1000
100
10
20
15
10
5
0
0
10
20
30
40
Time since trigger (s)

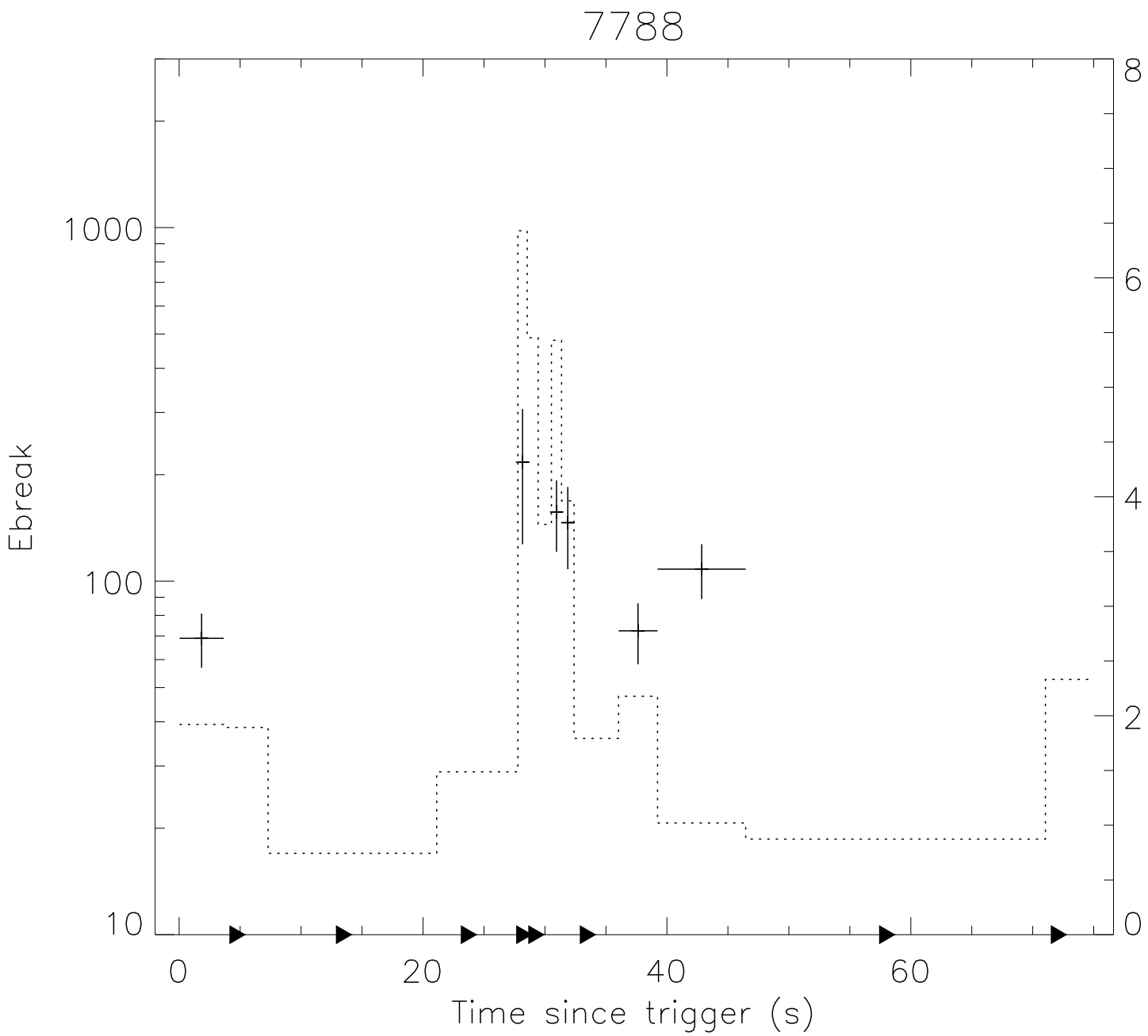

7688
1000
100
10
Ebreak
6
5
4
3
2
1
0
−150
−100
−50
0
Time since trigger (s)

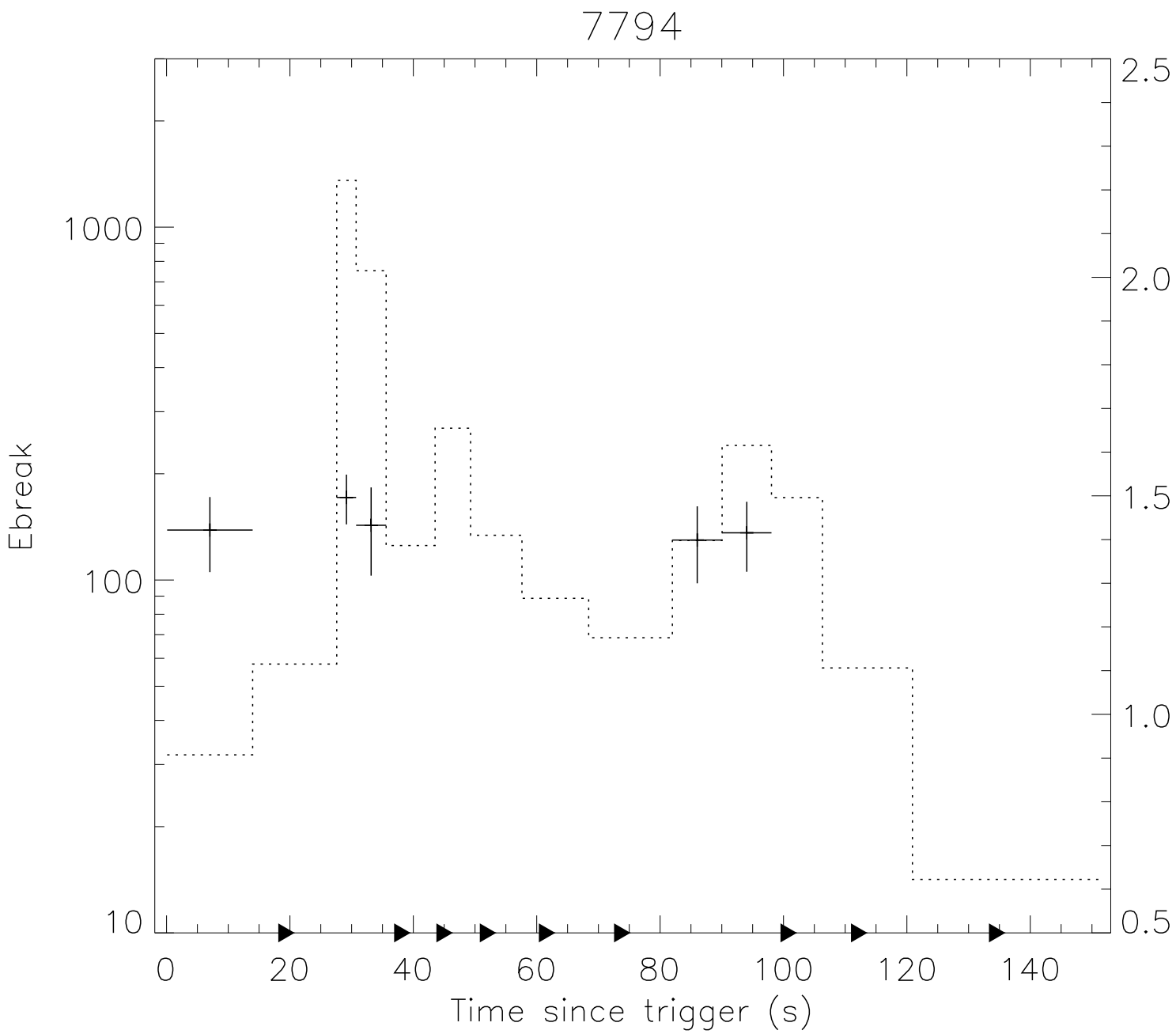

7695
Ebreak
1000
100
10
50
40
30
20
10
0
0
5
10
15
20
Time since trigger (s)

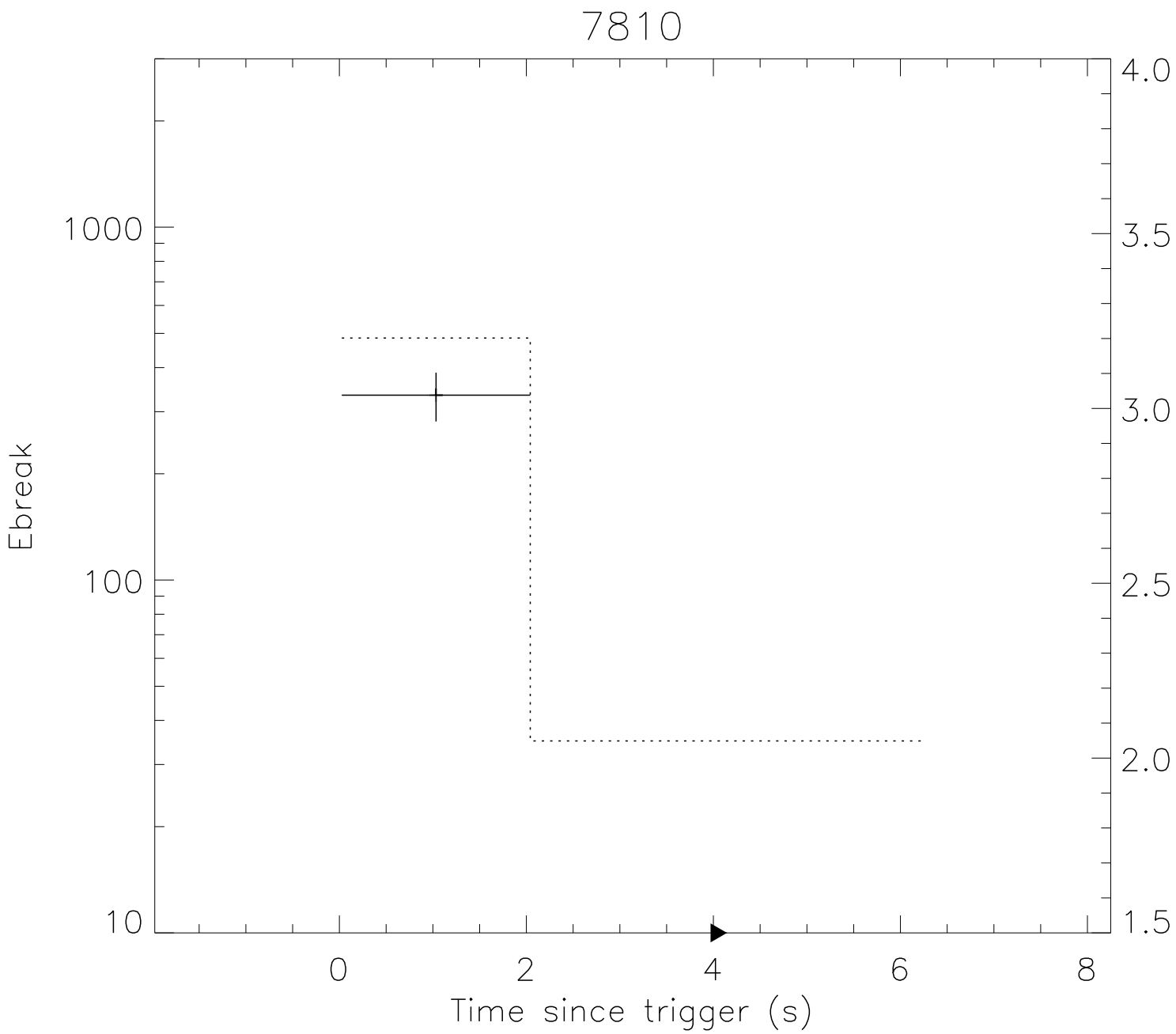

7703
2.0
1000
1.8
Ebreak
1.6
100
1.4
10
1.2
0
5
10
15
Time since trigger (s)

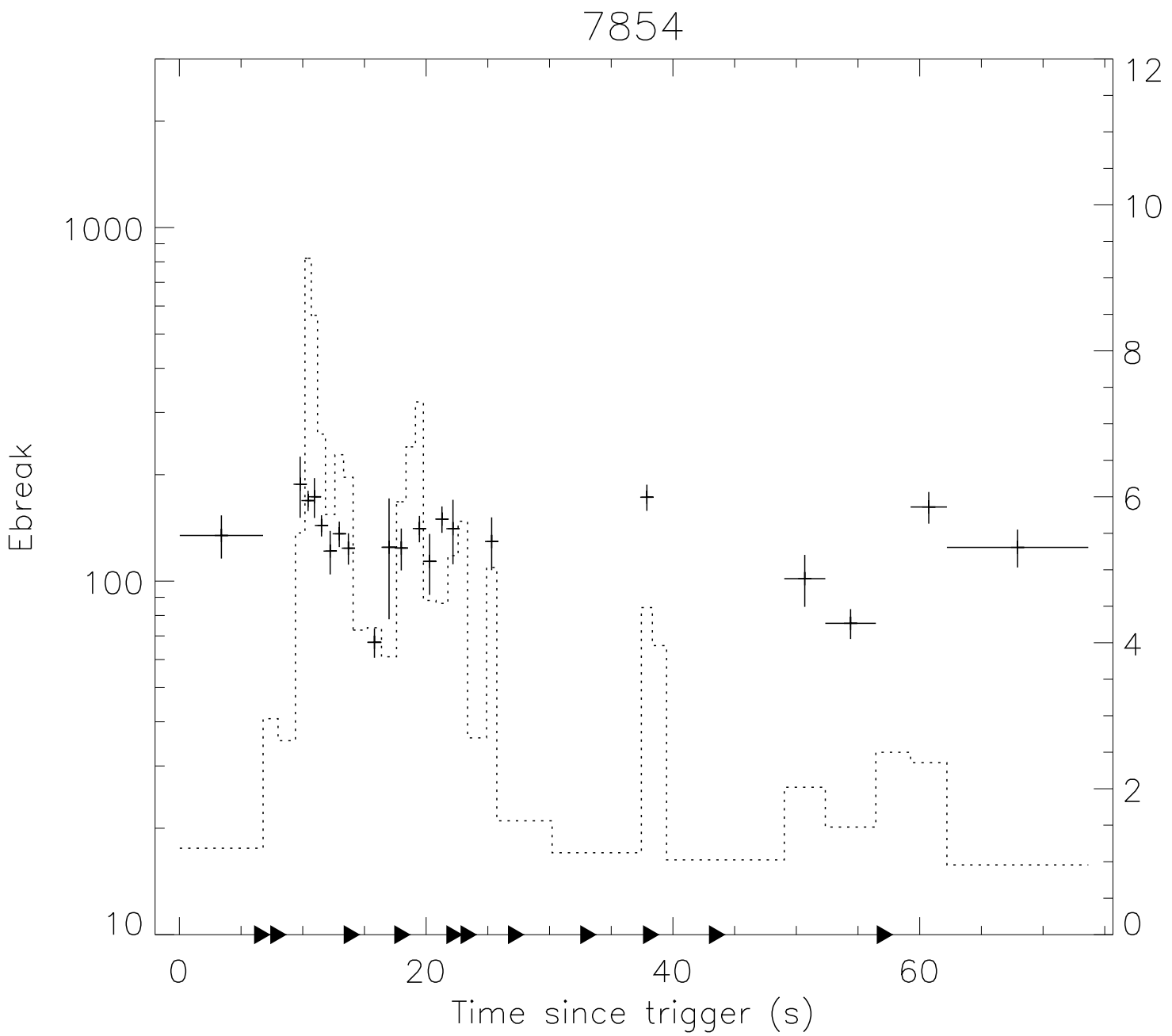

7760
1000
100
10
Ebreak
20
15
10
5
0
0
10
20
30
Time since trigger (s)

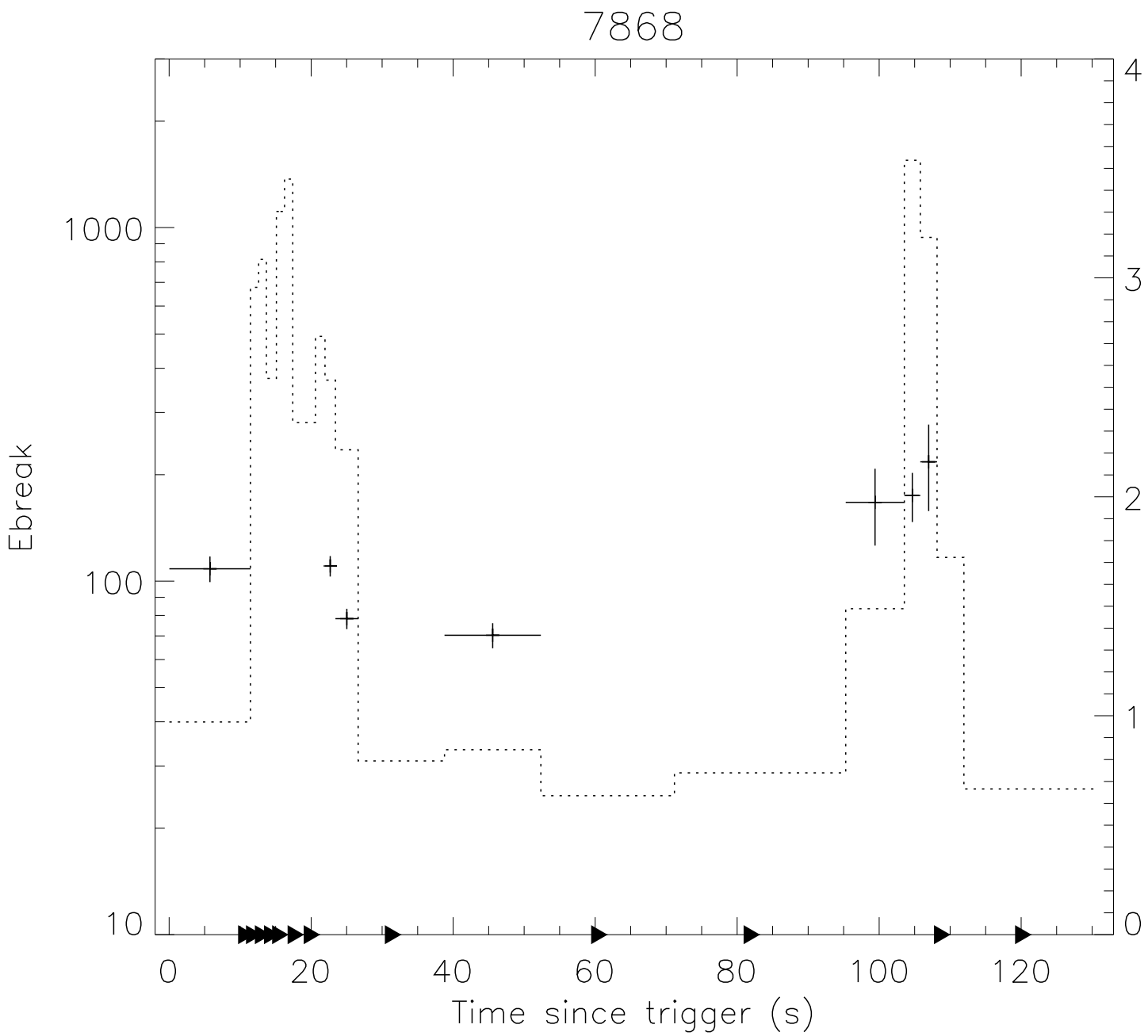

7766
1000
100
10
Ebreak
30
25
20
15
10
5
0
0
5
10
15
20
25
Time since trigger (s)

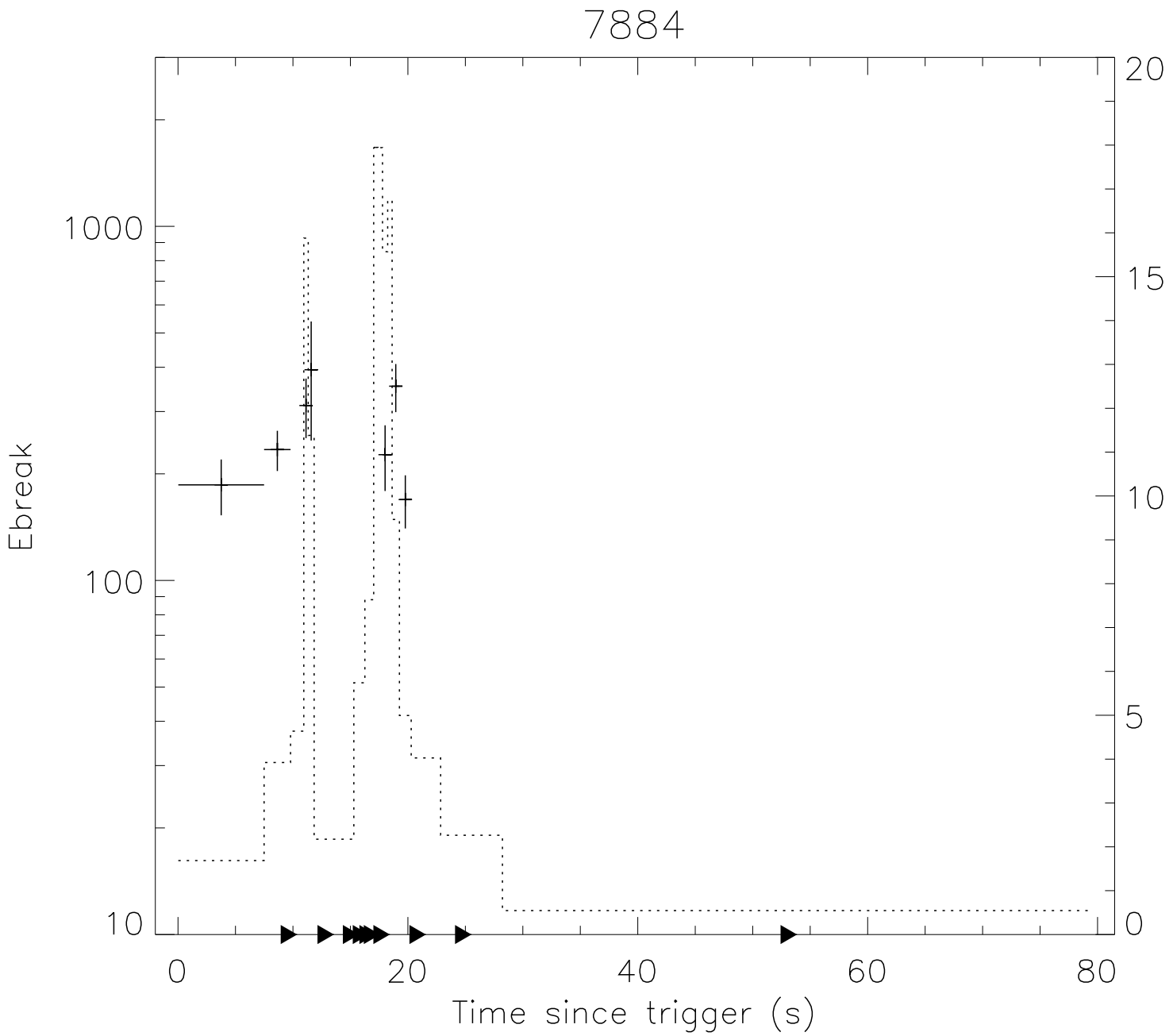

7788
1000
100
10
Ebreak
8
6
4
2
0
0
20
40
60
Time since trigger (s)

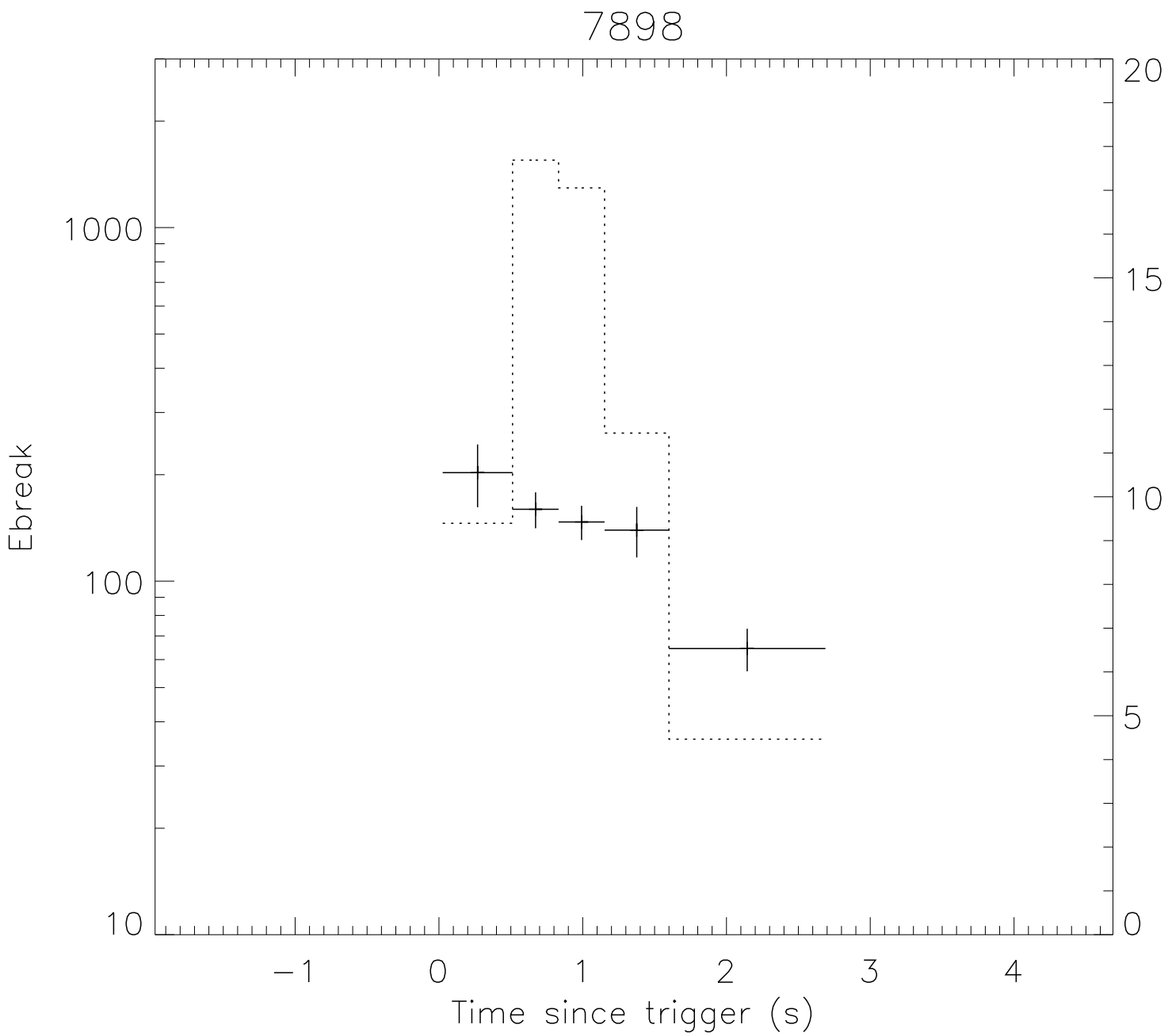

7794
Ebreak
1000
100
10
2.5
2.0
1.5
1.0
0.5
0
20
40
60
80
100
120
140
Time since trigger (s)

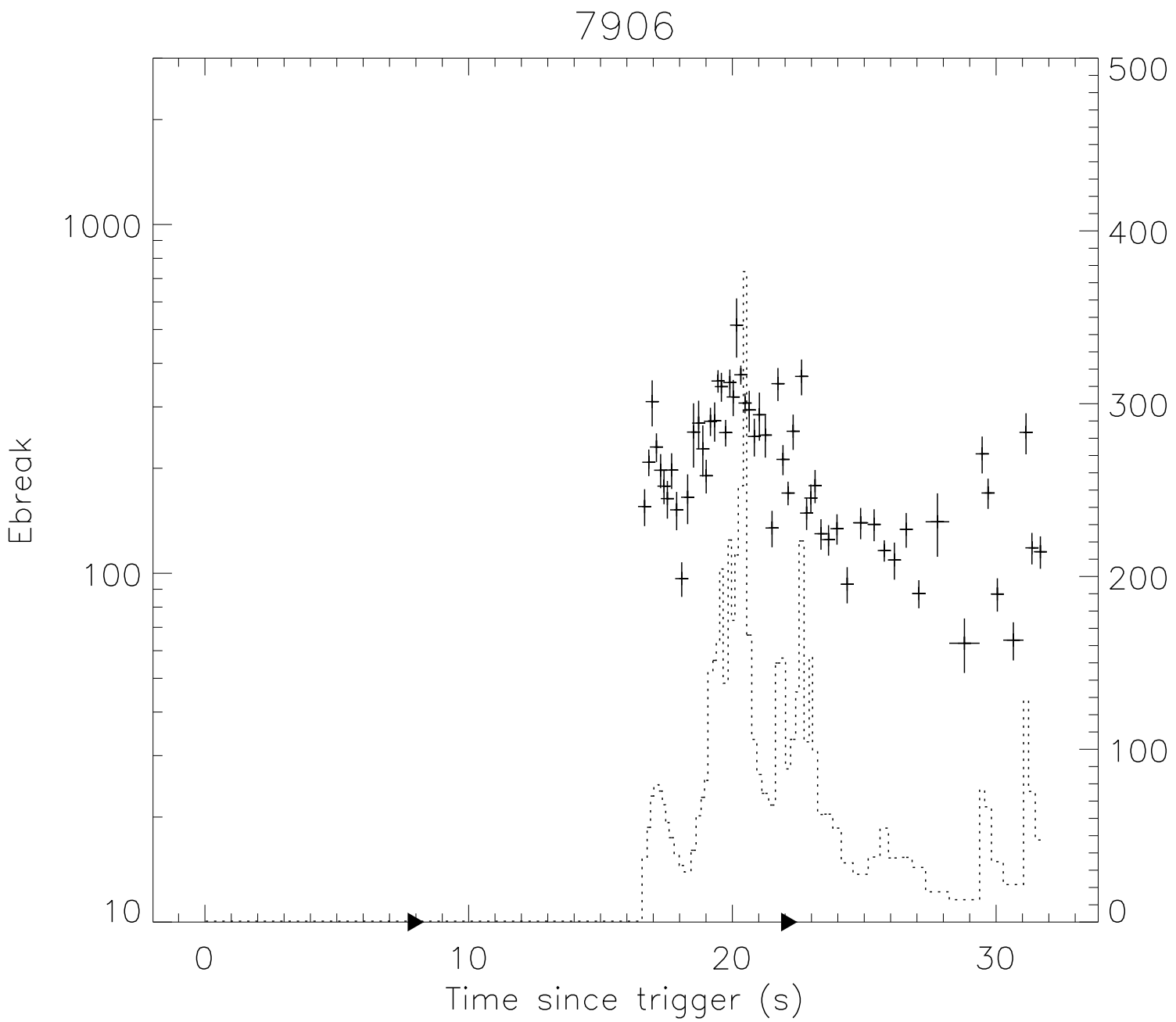

7810
1000
100
10
Ebreak
4.0
3.5
3.0
2.5
2.0
1.5
0
2
4
6
8
Time since trigger (s)

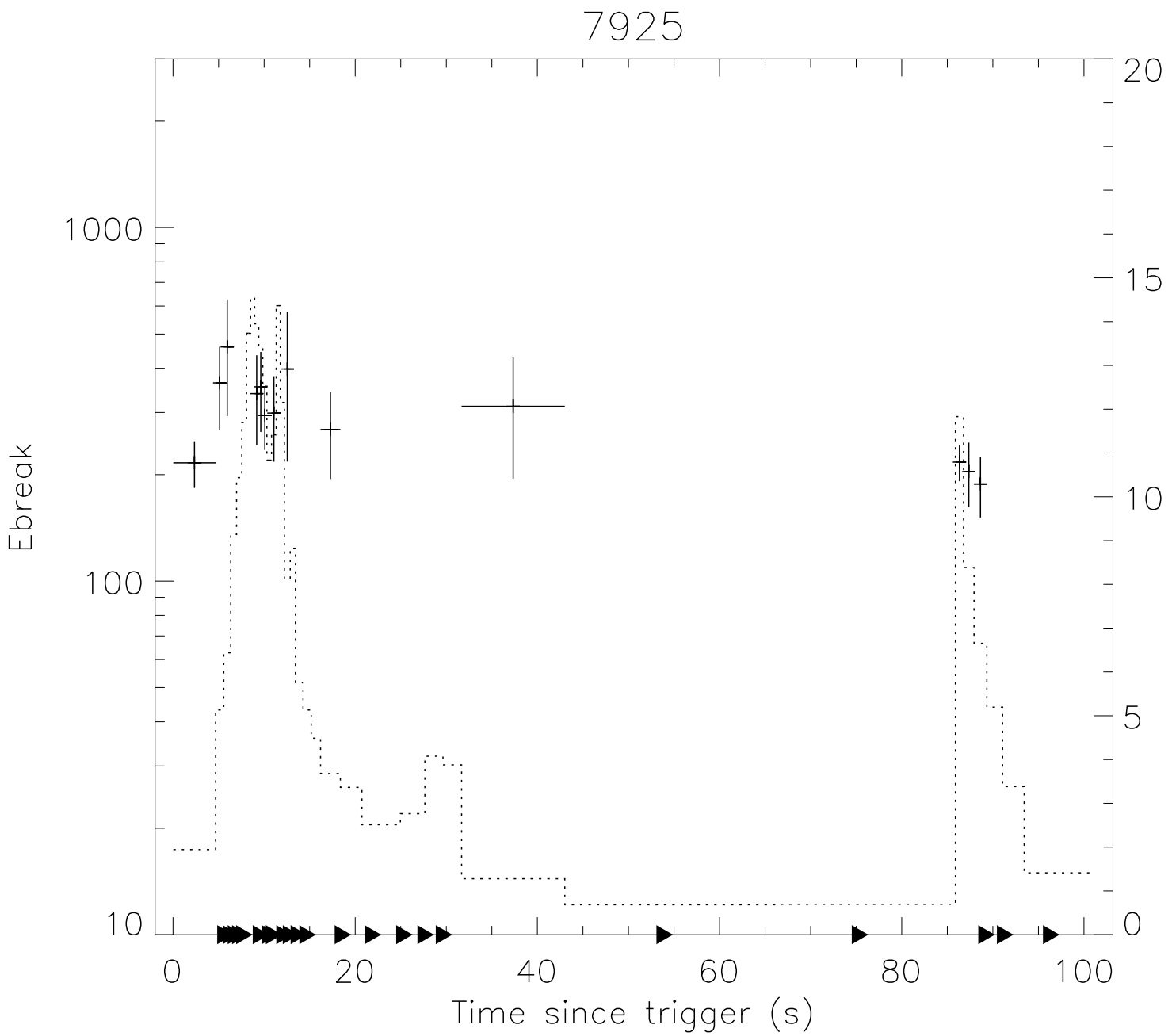

7854
1000
100
10
Ebreak
12
10
8
6
4
2
0
0
20
40
60
Time since trigger (s)

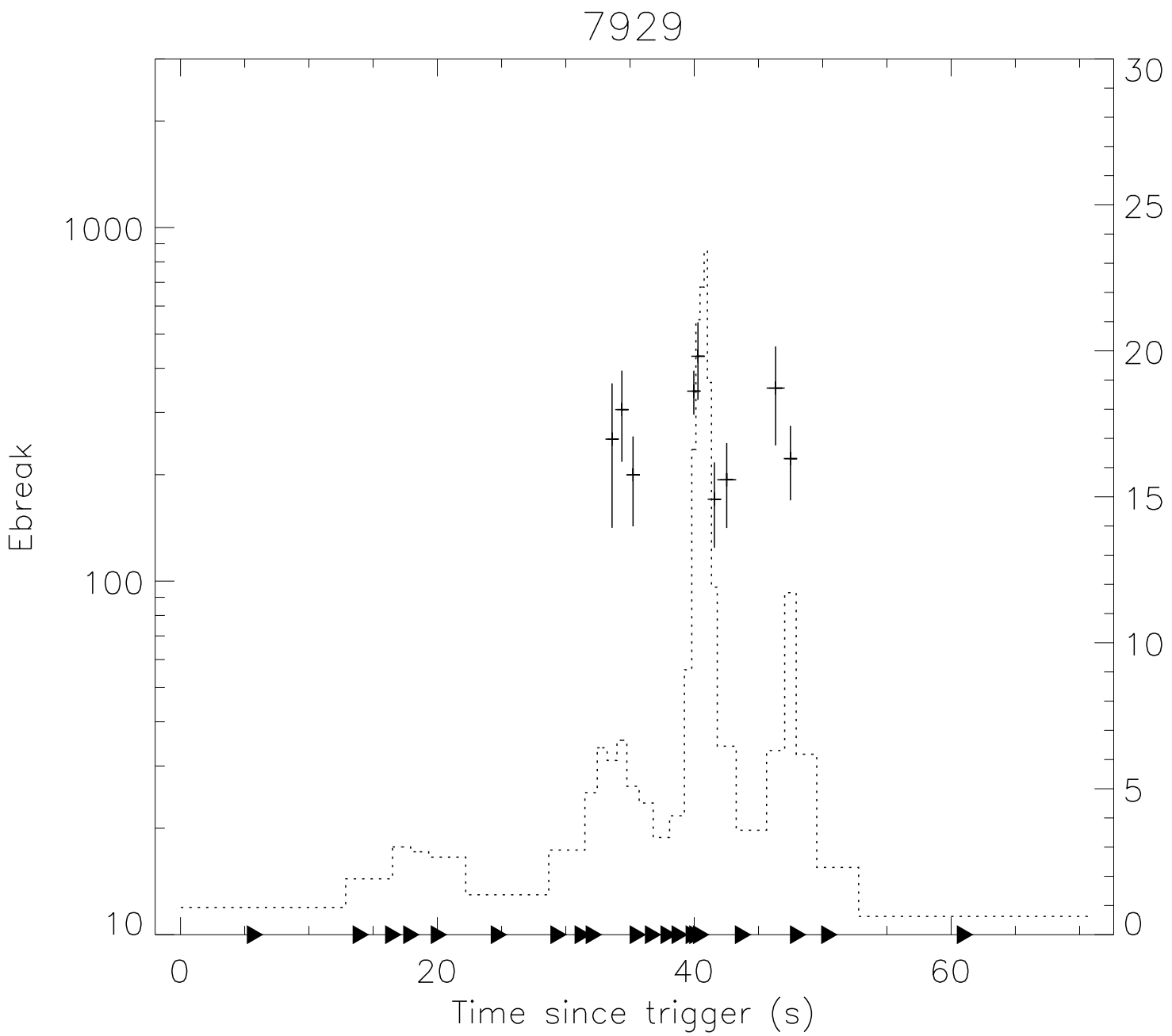

7868
Ebreak
1000
100
10
0
20
40
60
80
100
120
Time since trigger (s)
4
3
2
1
0

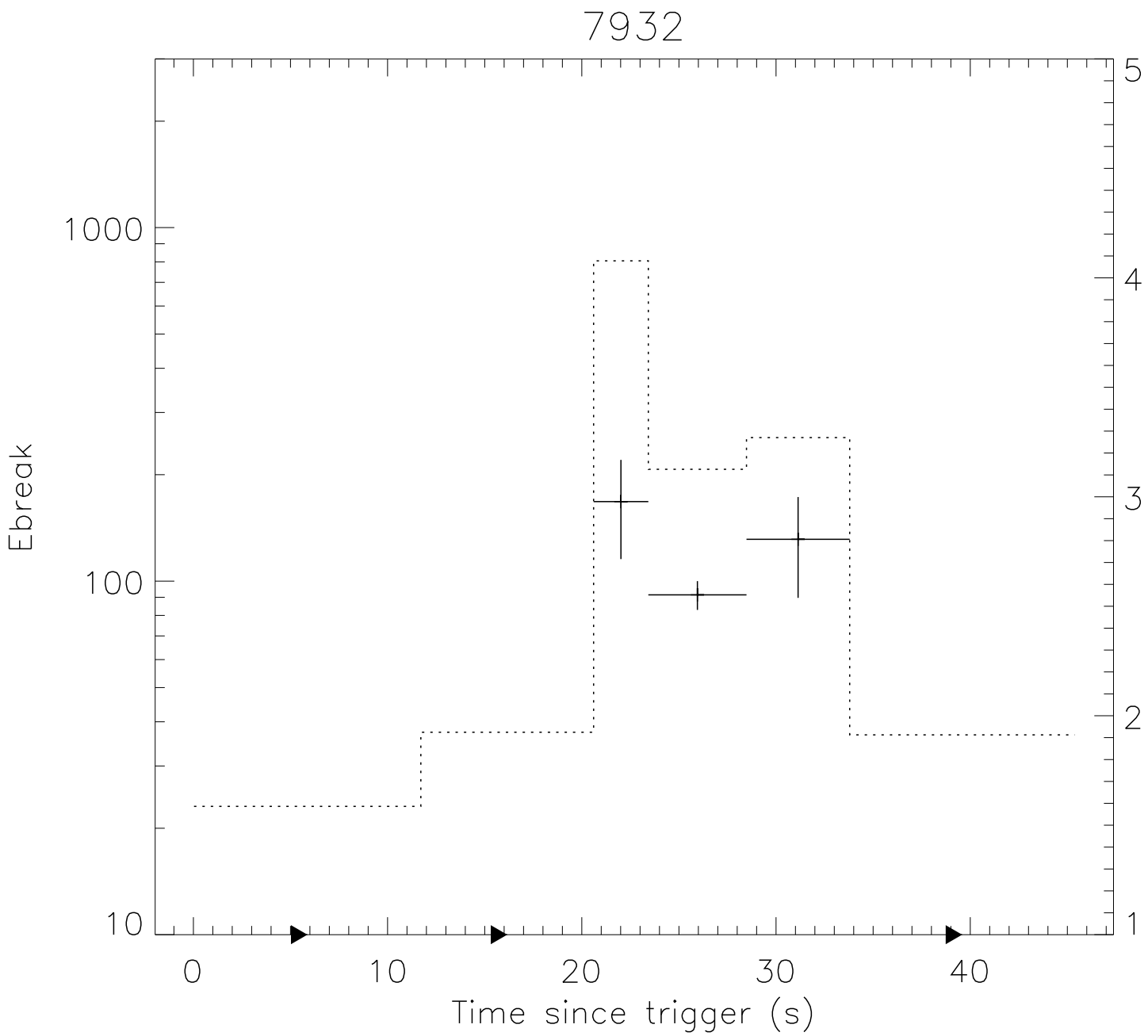

7884
Ebreak
1000
100
10
20
15
10
5
0
0
20
40
60
80
Time since trigger (s)

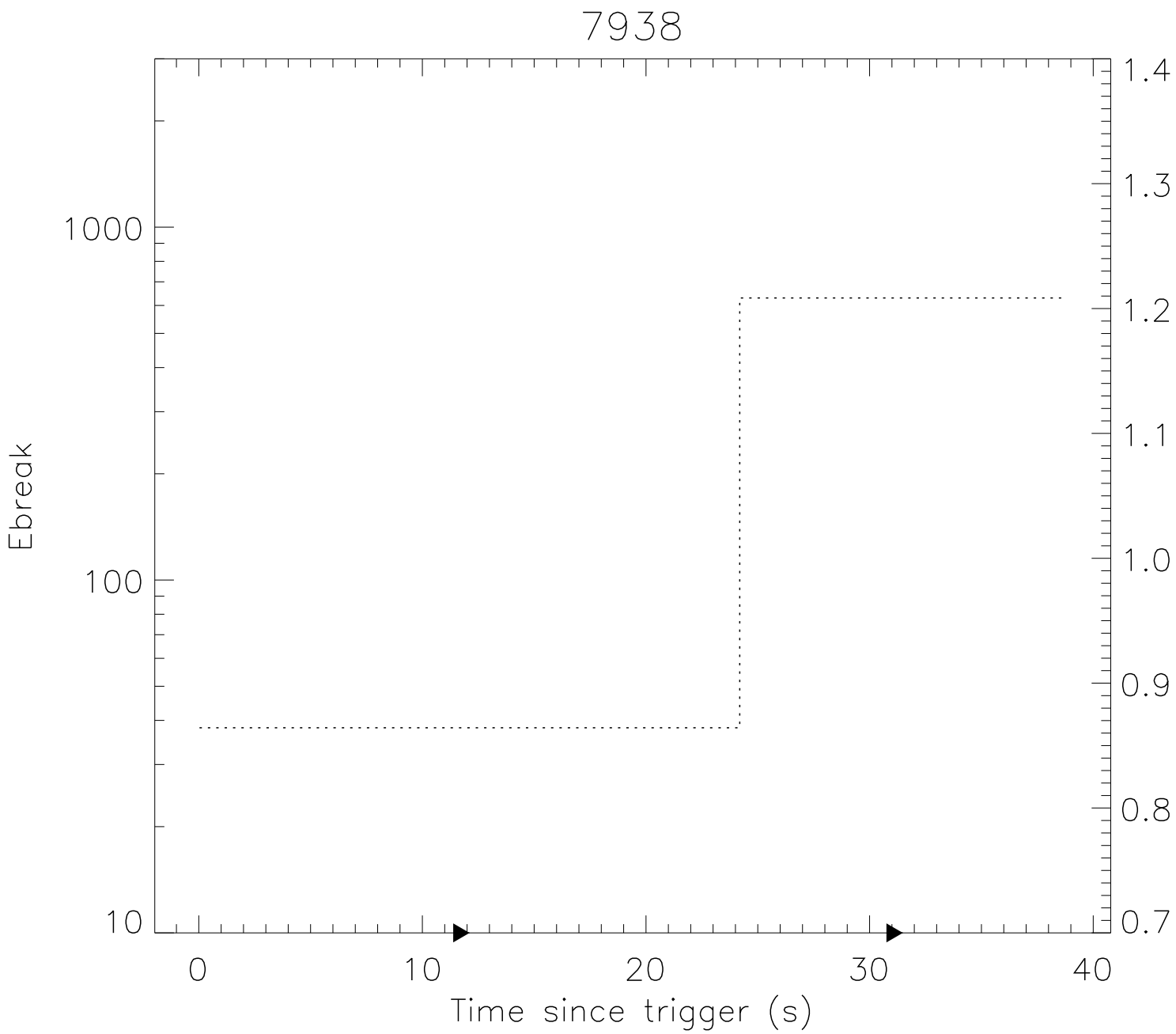

7898
Ebreak
1000
100
10
20
15
10
5
0
−1
0
1
2
3
4
Time since trigger (s)

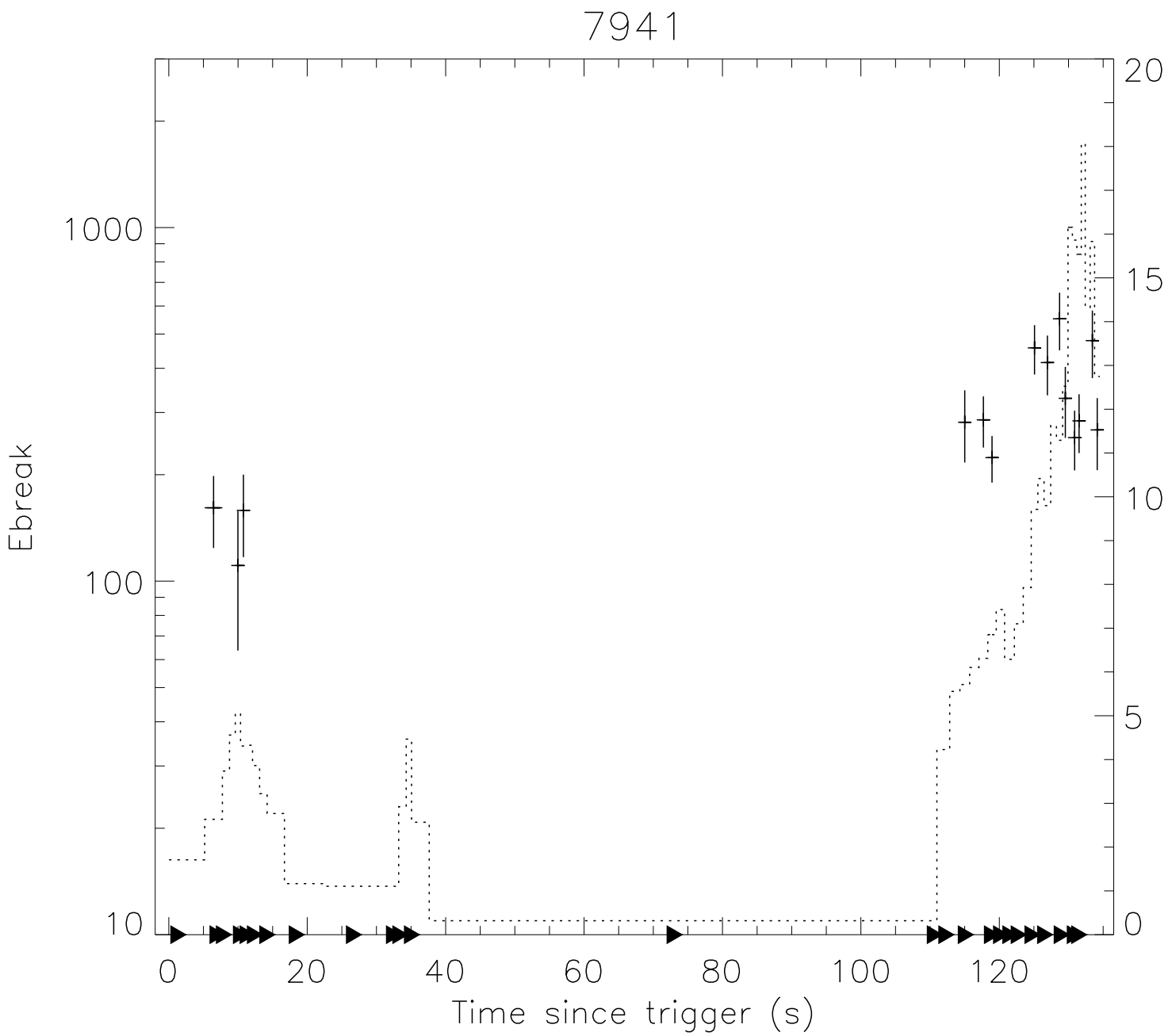

7906
1000
100
10
Ebreak
500
400
300
200
100
0
0
10
20
30
Time since trigger (s)

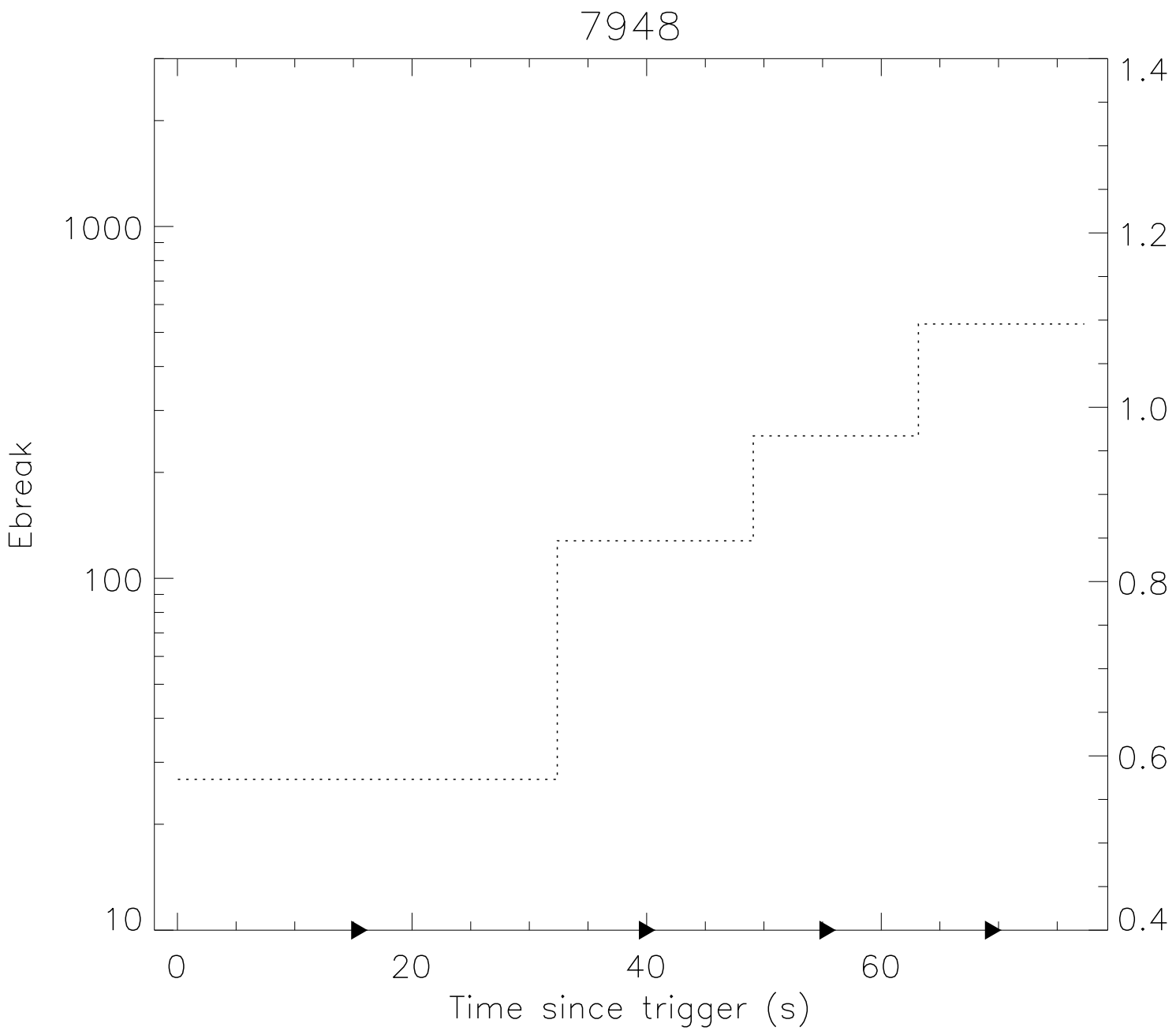

7925
Ebreak
1000
100
10
0
20
40
60
80
100
Time since trigger (s)
20
15
10
5
0

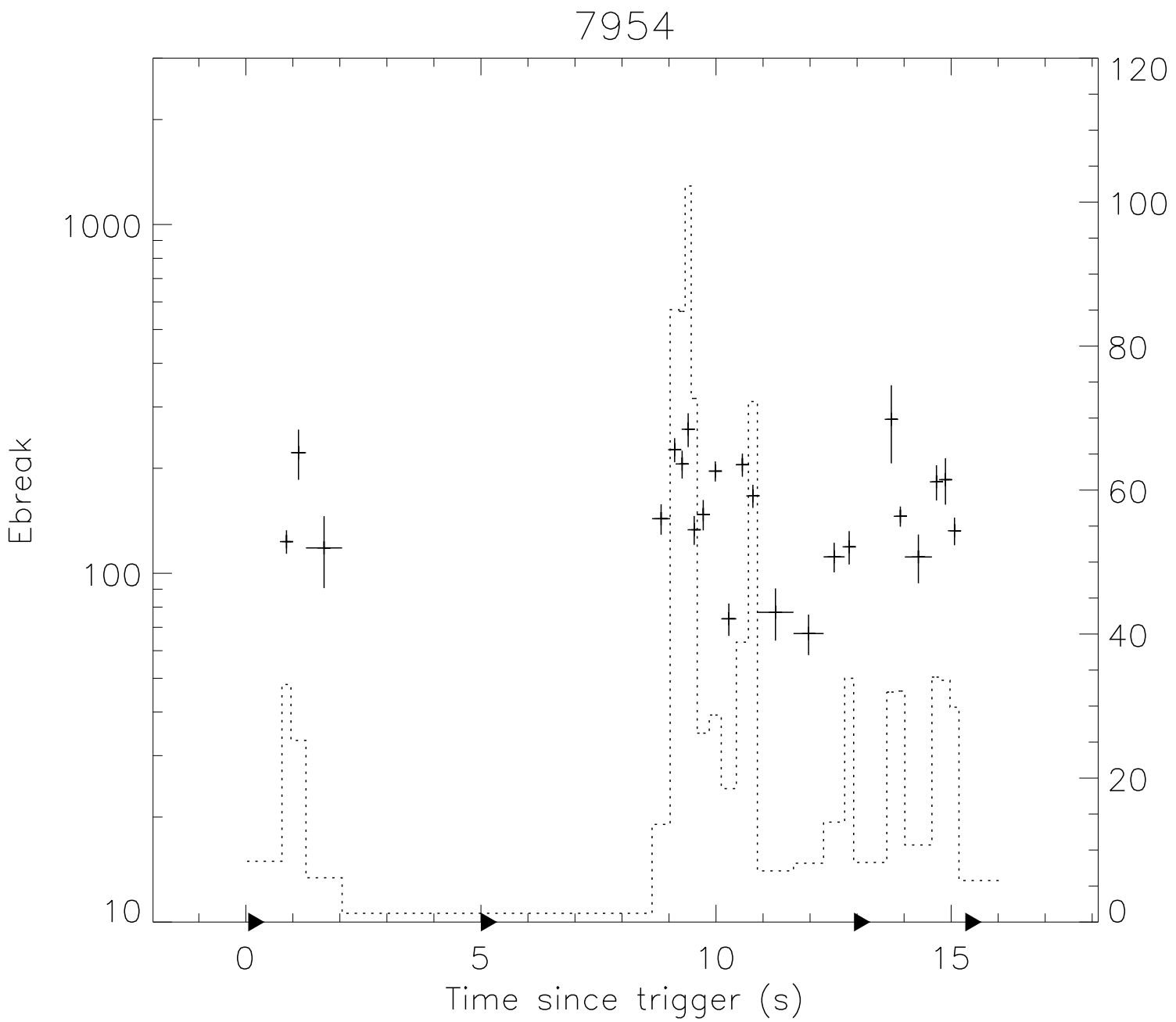

7929
Ebreak
1000
100
10
0
20
40
60
Time since trigger (s)
30
25
20
15
10
5
0

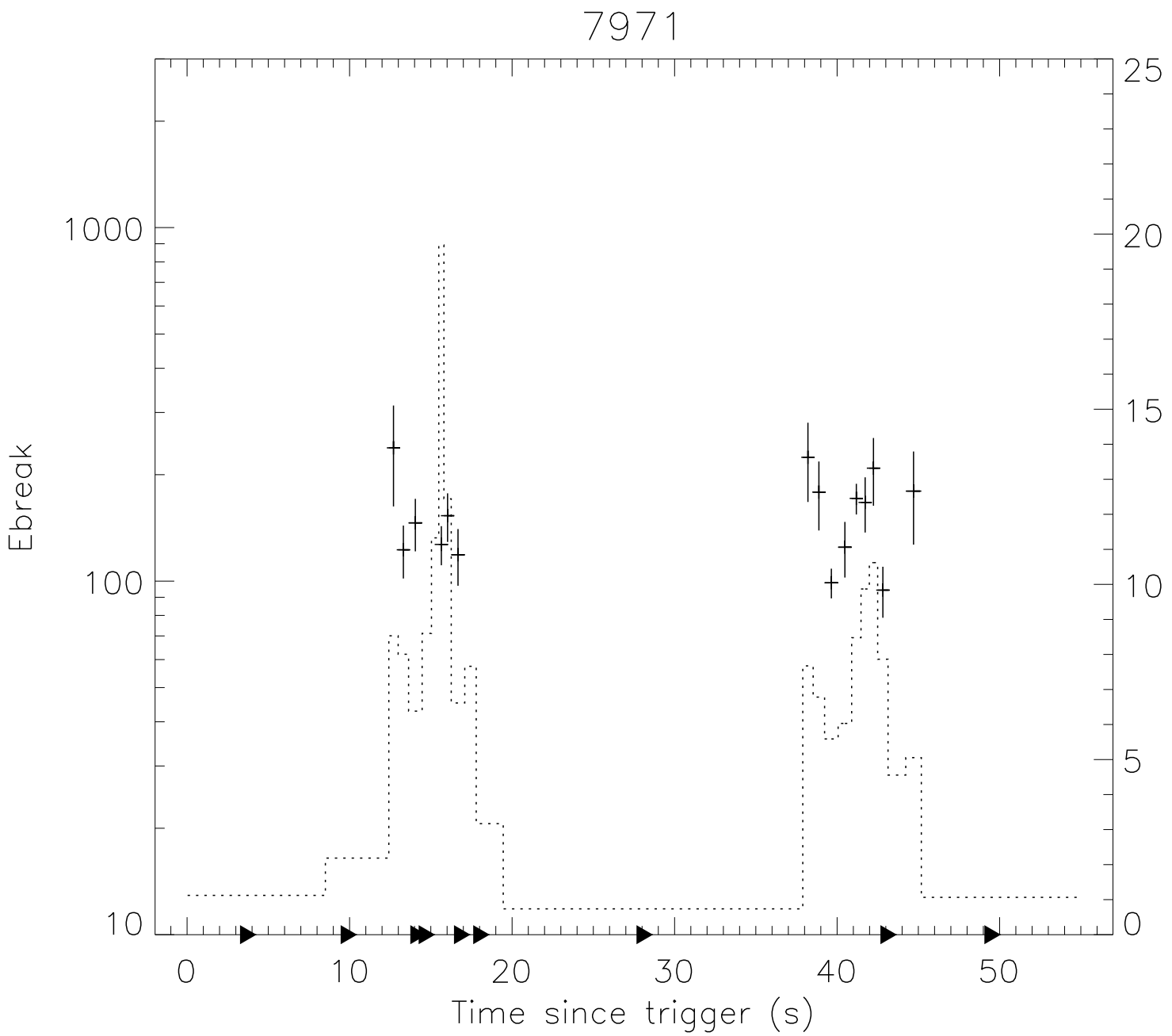

7932
1000
100
10
Ebreak
0
10
20
30
40
Time since trigger (s)
5
4
3
2
1

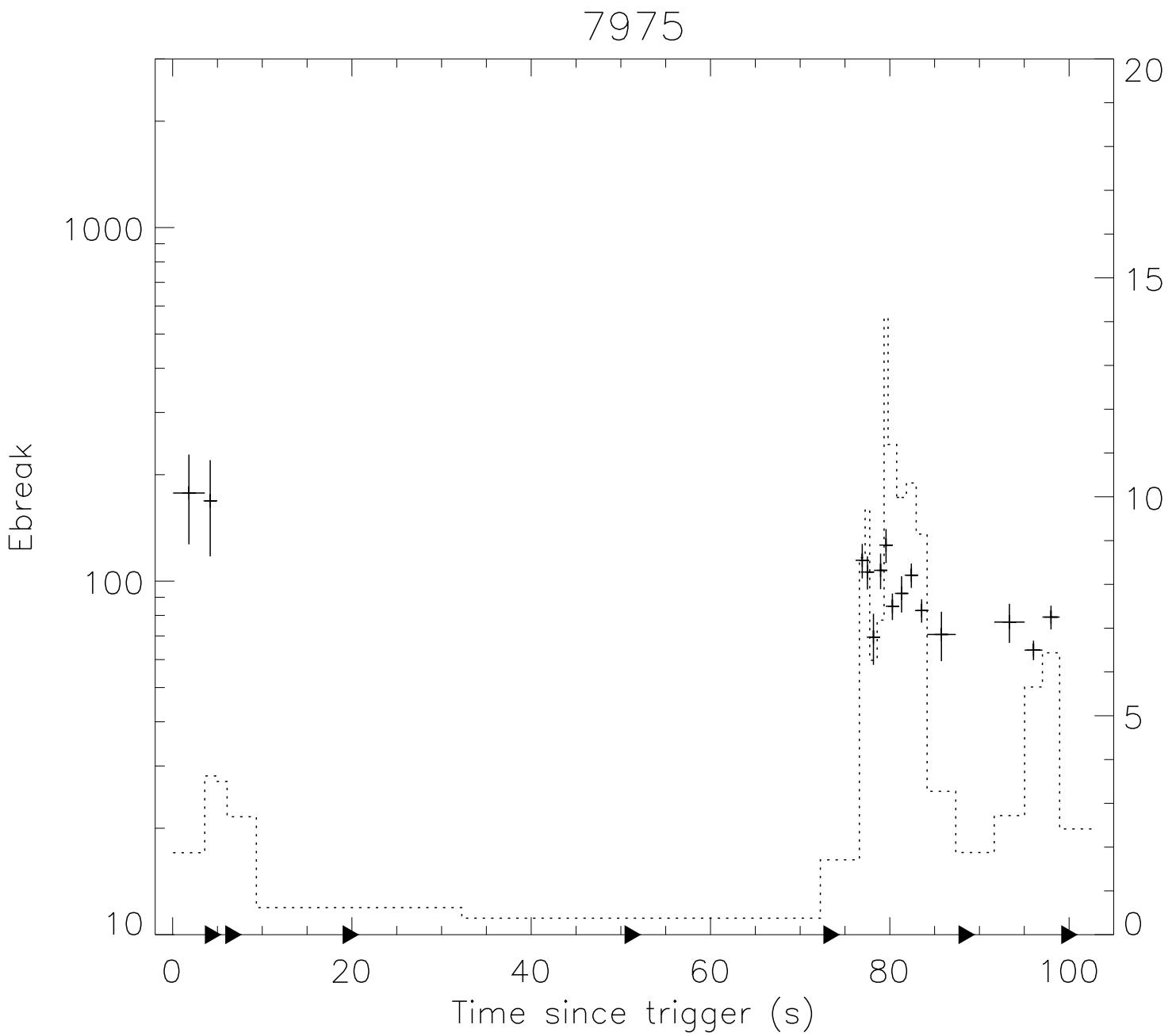

7938
1000
100
10
Ebreak
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0
10
20
30
40
Time since trigger (s)

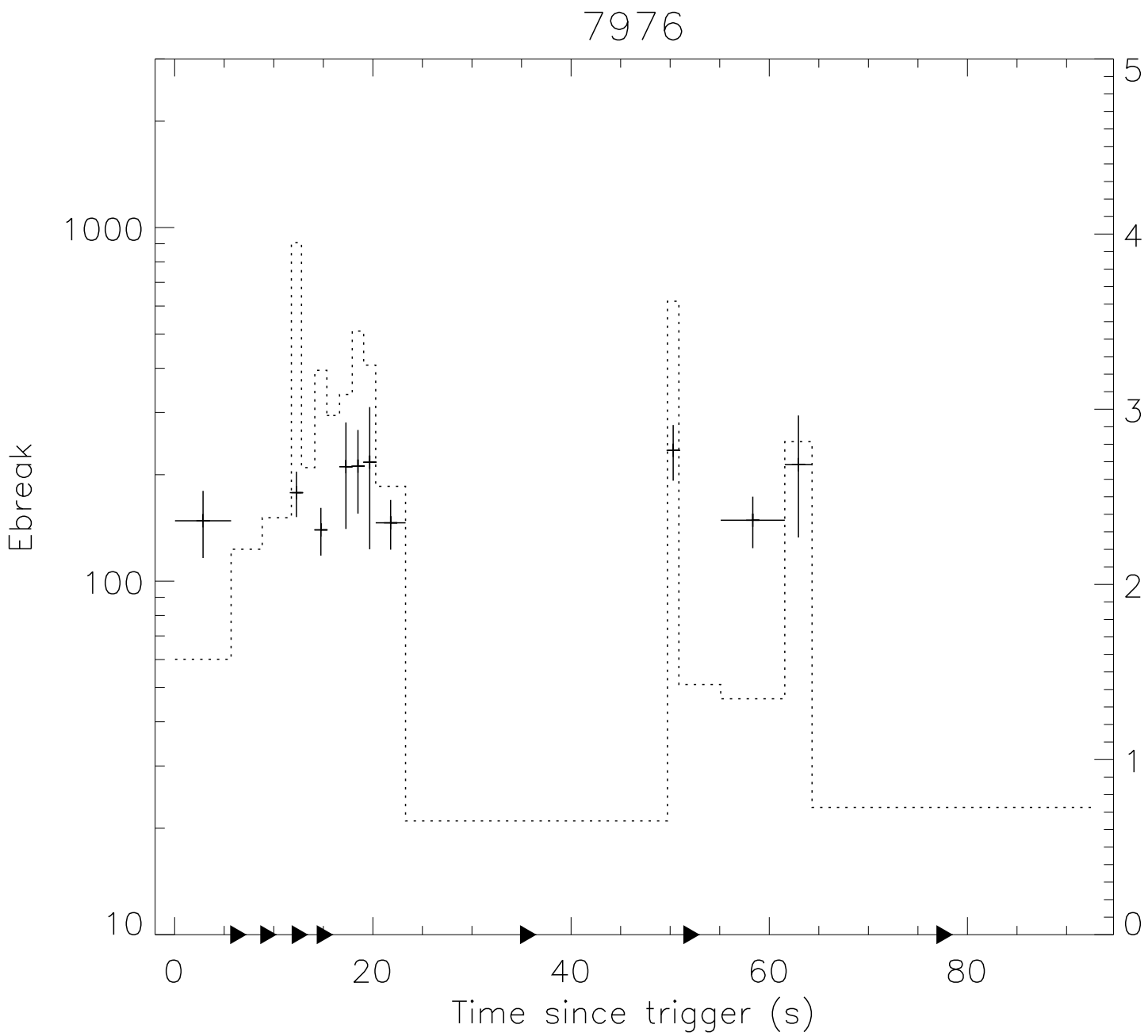

7941
Ebreak
1000
100
10
0
20
40
60
80
100
120
Time since trigger (s)
20
15
10
5
0

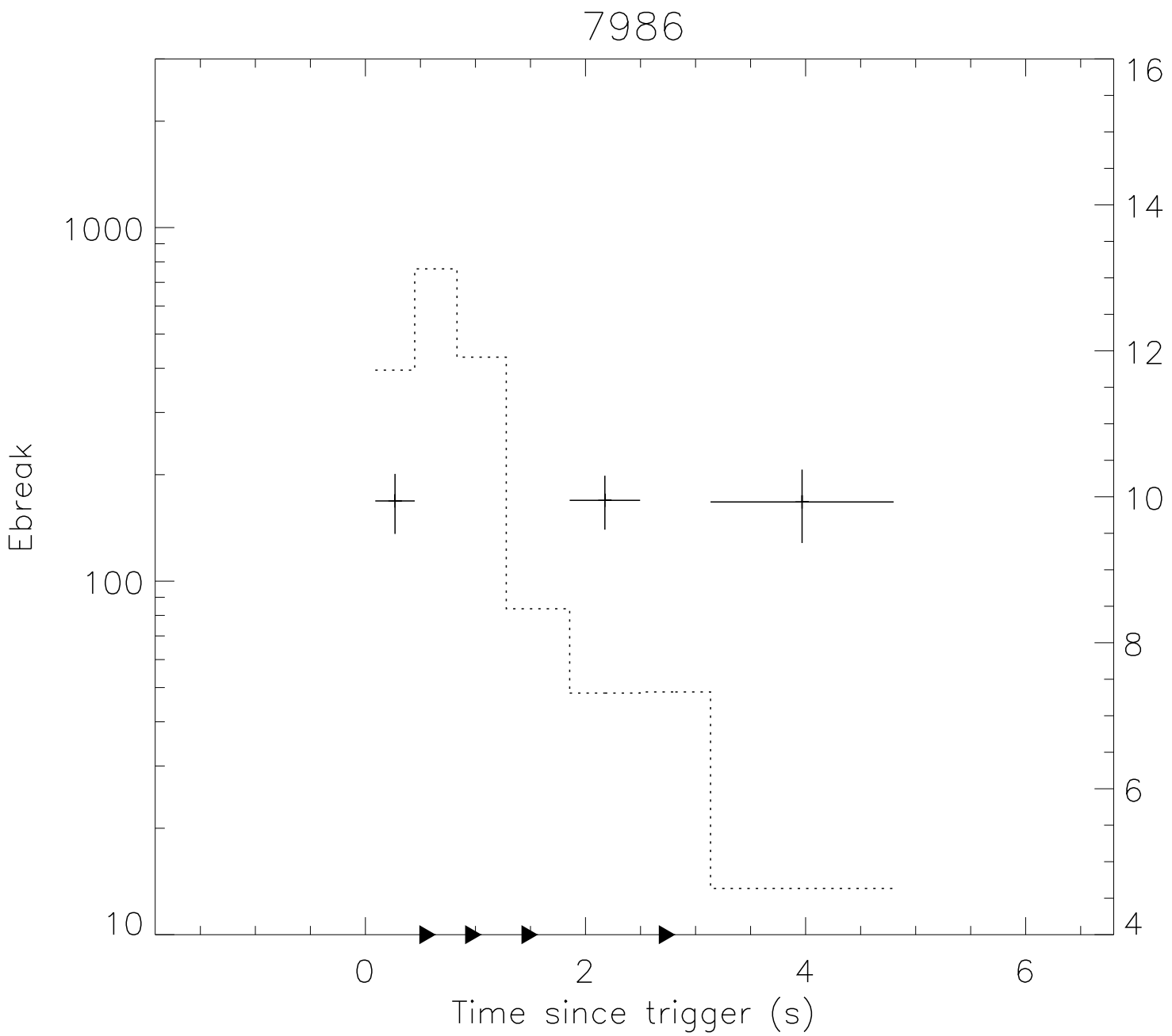

7948
1000
100
10
Ebreak
1.4
1.2
1.0
0.8
0.6
0.4
0
20
40
60
Time since trigger (s)

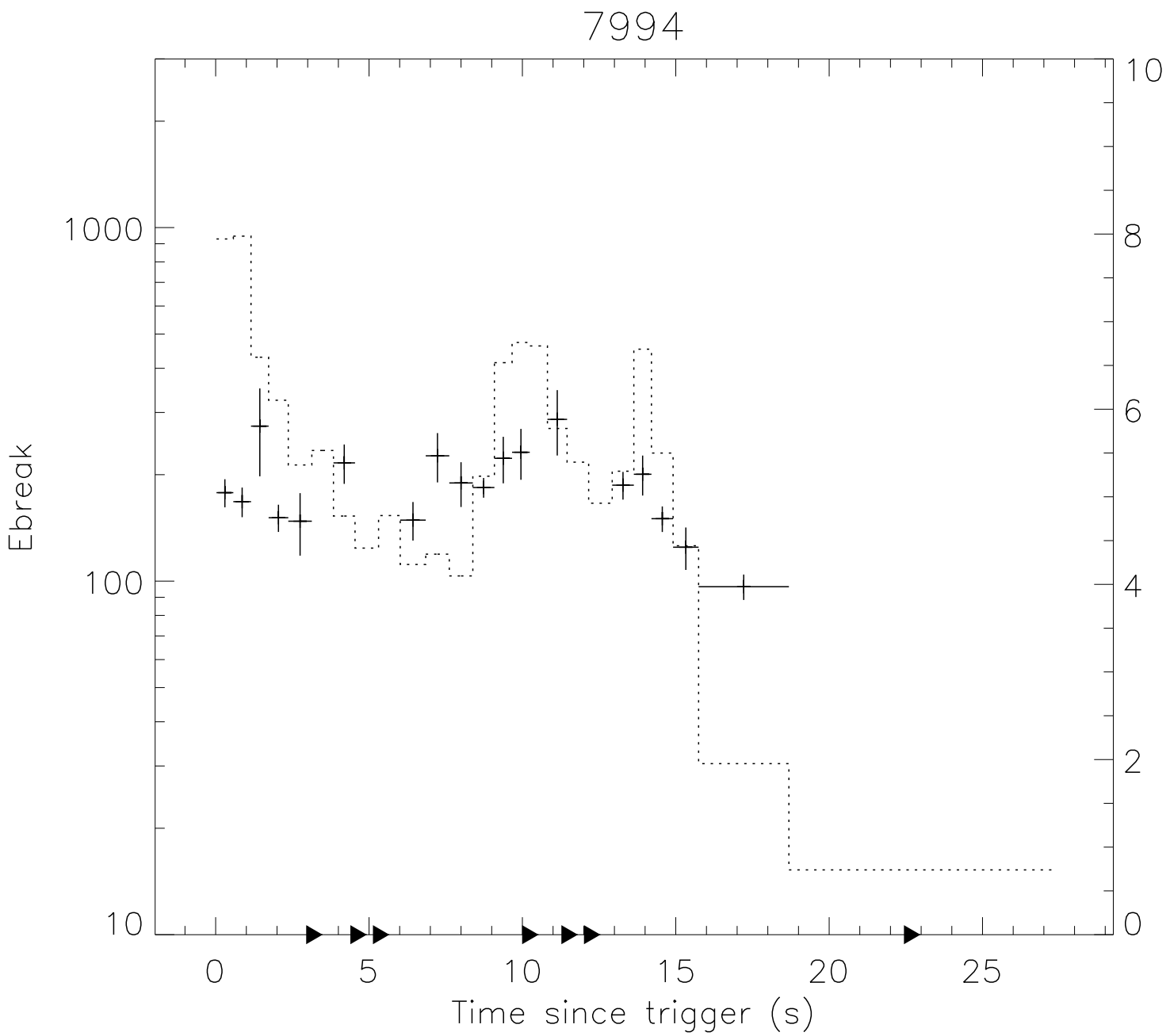

7954
Ebreak
1000
100
10
120
100
80
60
40
20
0
0
5
10
15
Time since trigger (s)

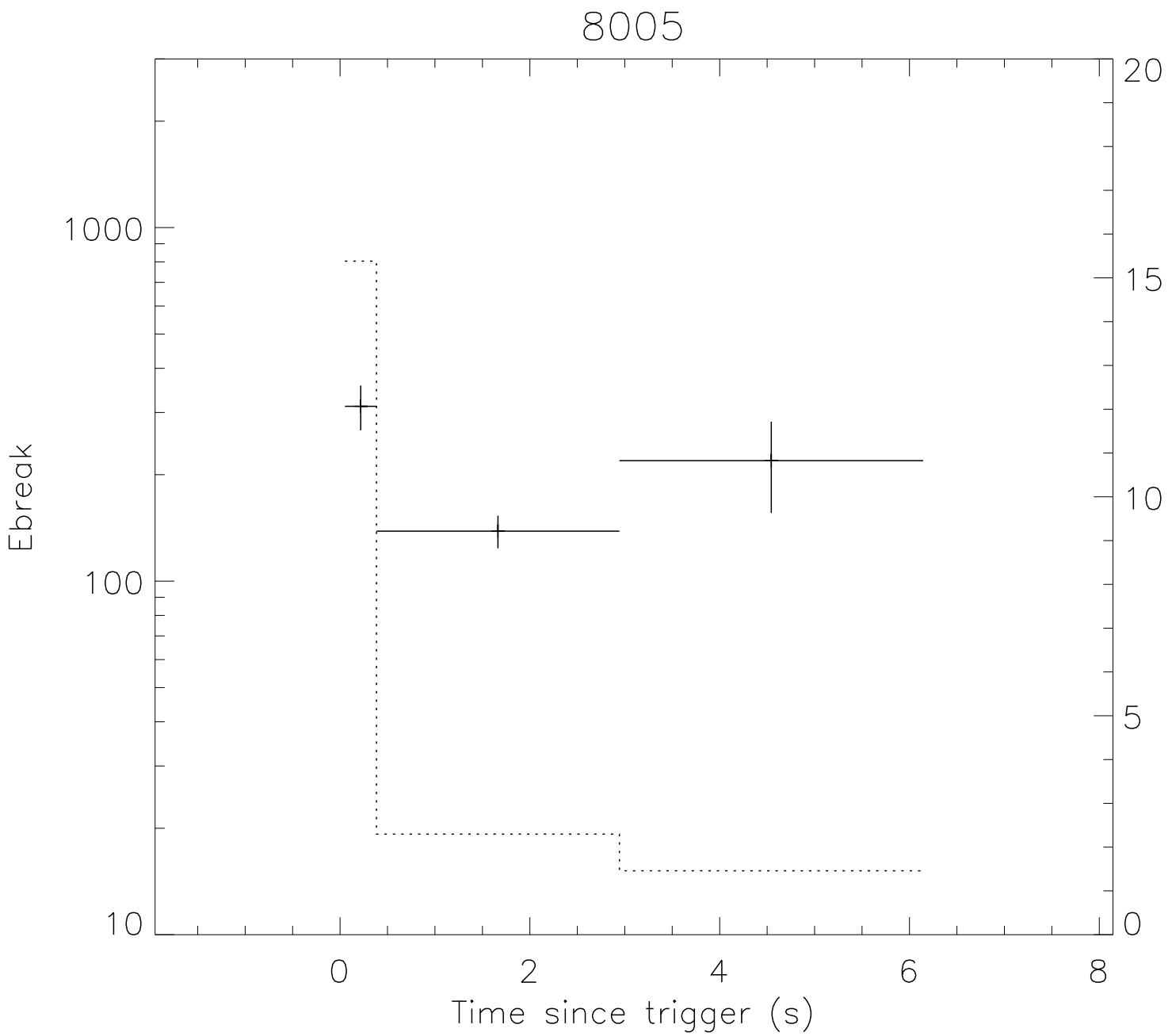

7971
Ebreak
1000
100
10
25
20
15
10
5
0
0
10
20
30
40
50
Time since trigger (s)

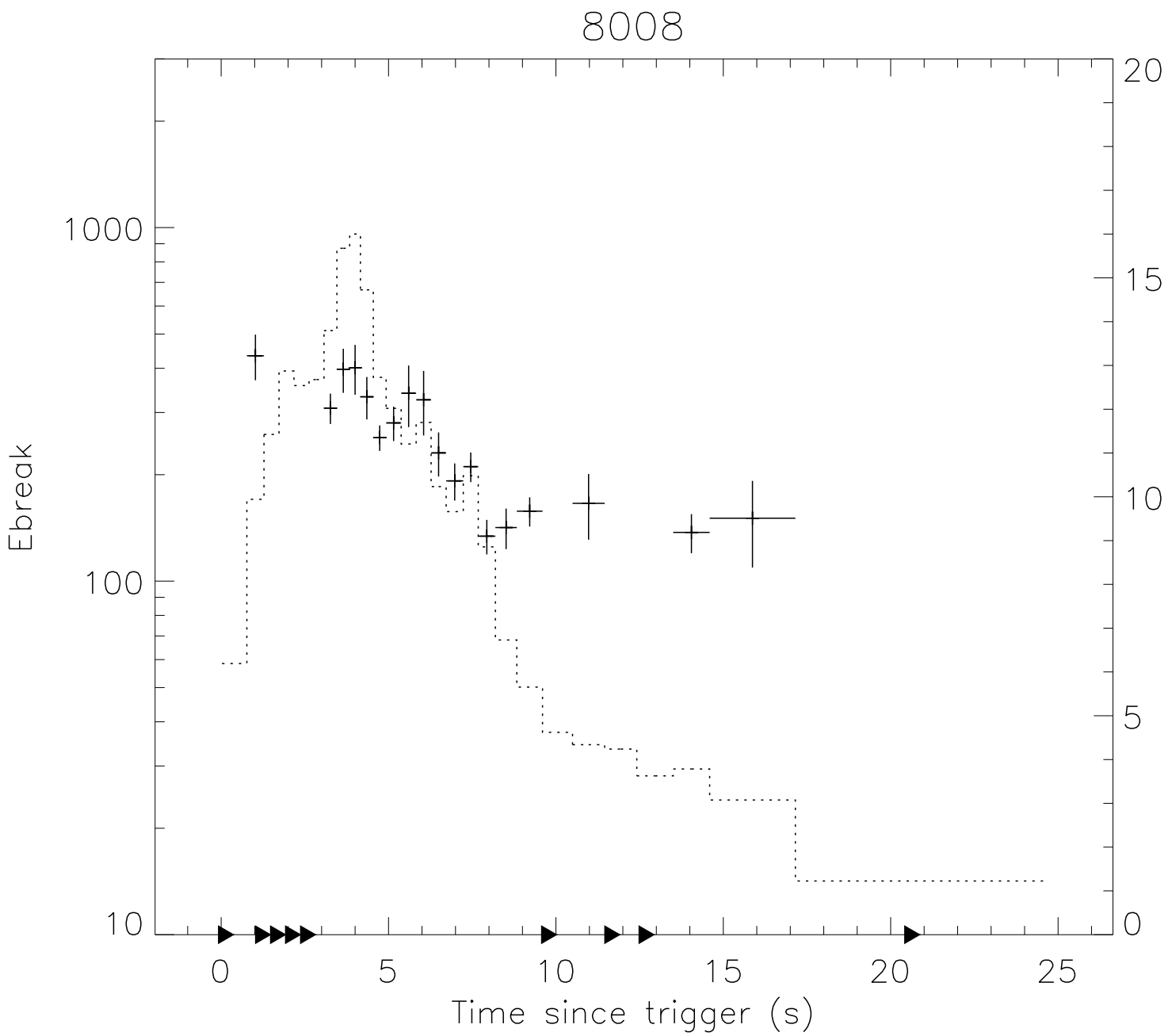

7975
1000
100
10
Ebreak
20
15
10
5
0
0
20
40
60
80
100
Time since trigger (s)

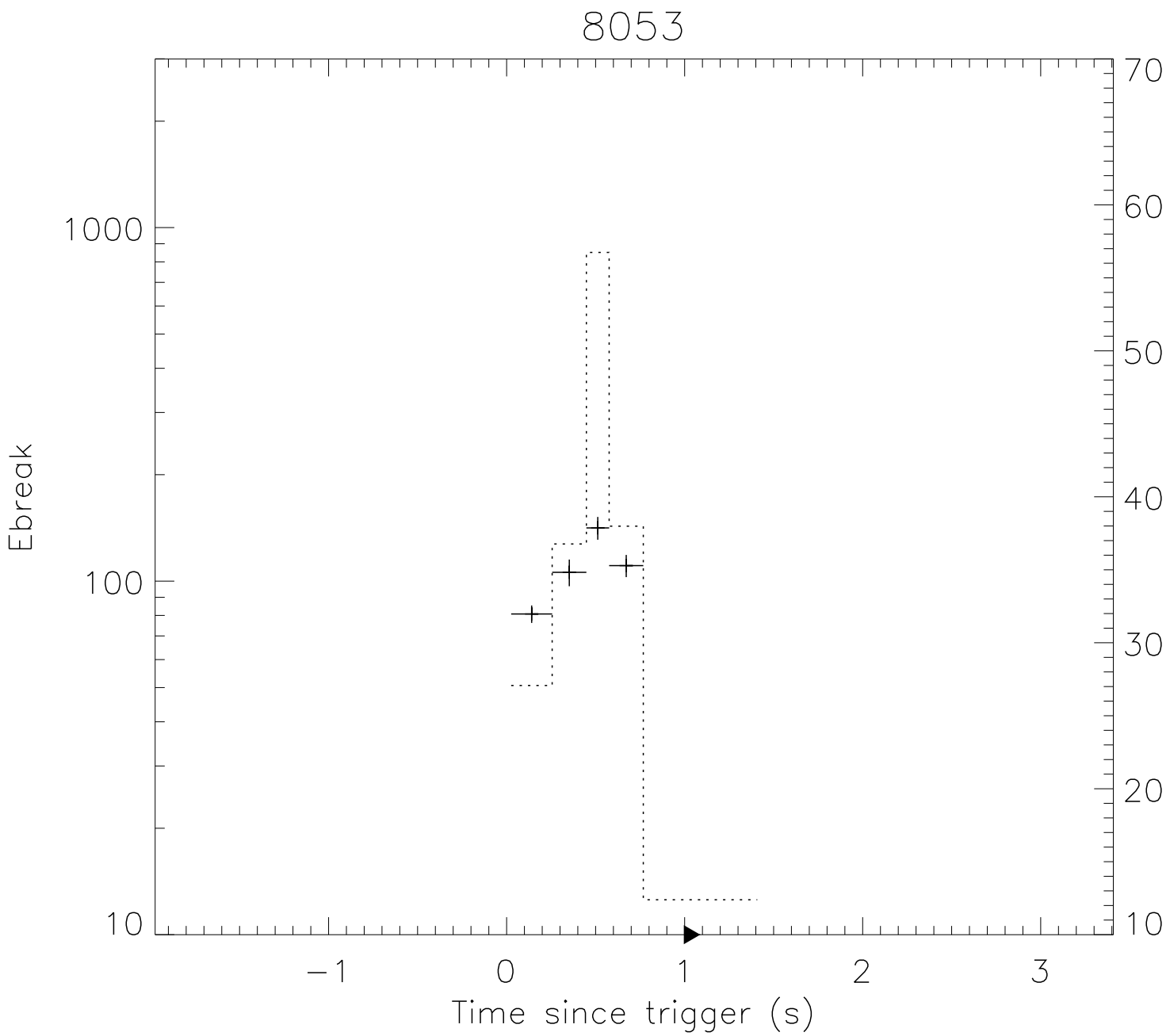

7976
1000
100
10
Ebreak
0
20
40
60
80
Time since trigger (s)
5
4
3
2
1
0

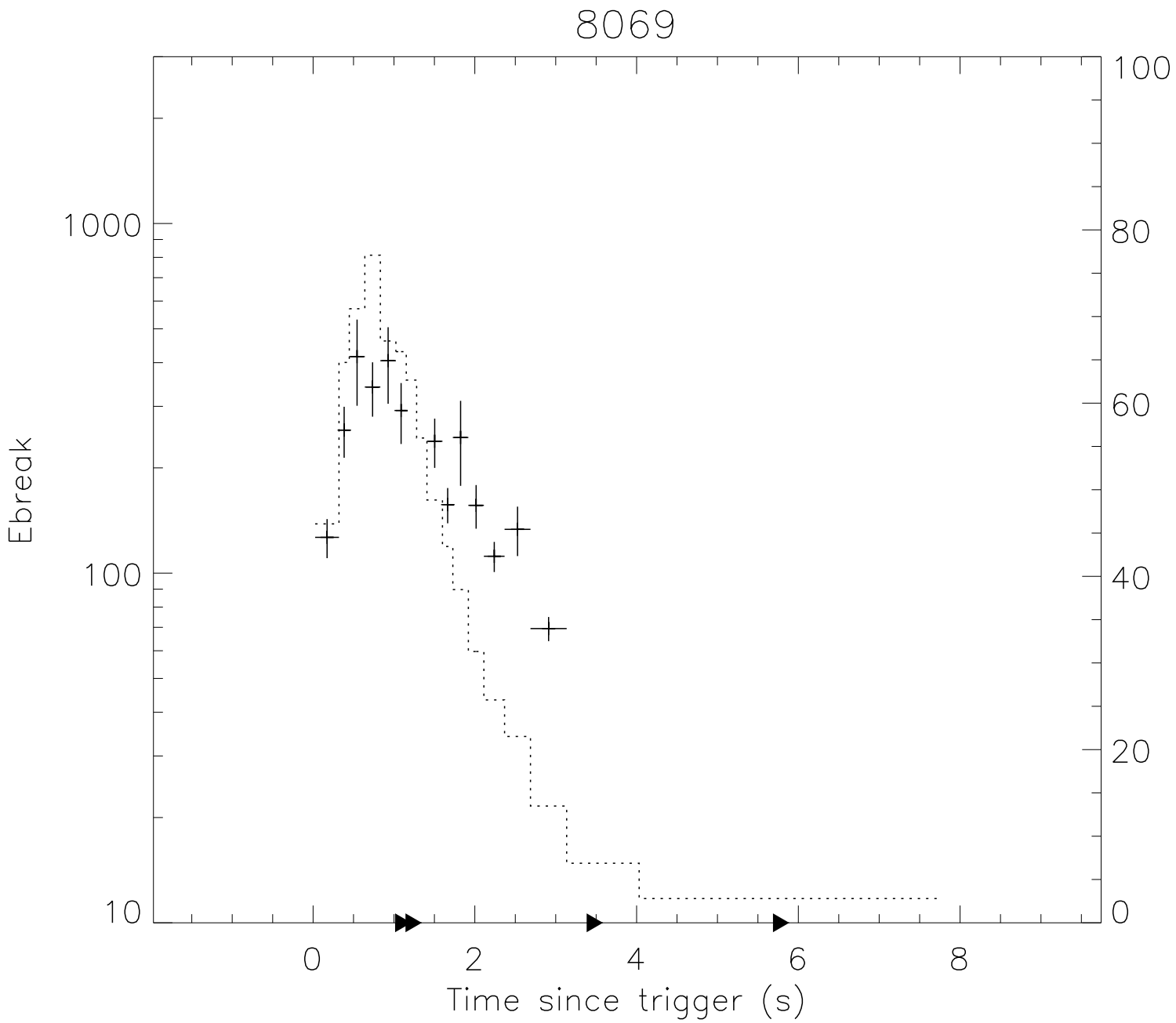

7986
1000
100
10
Ebreak
16
14
12
10
8
6
4
0
2
4
6
Time since trigger (s)

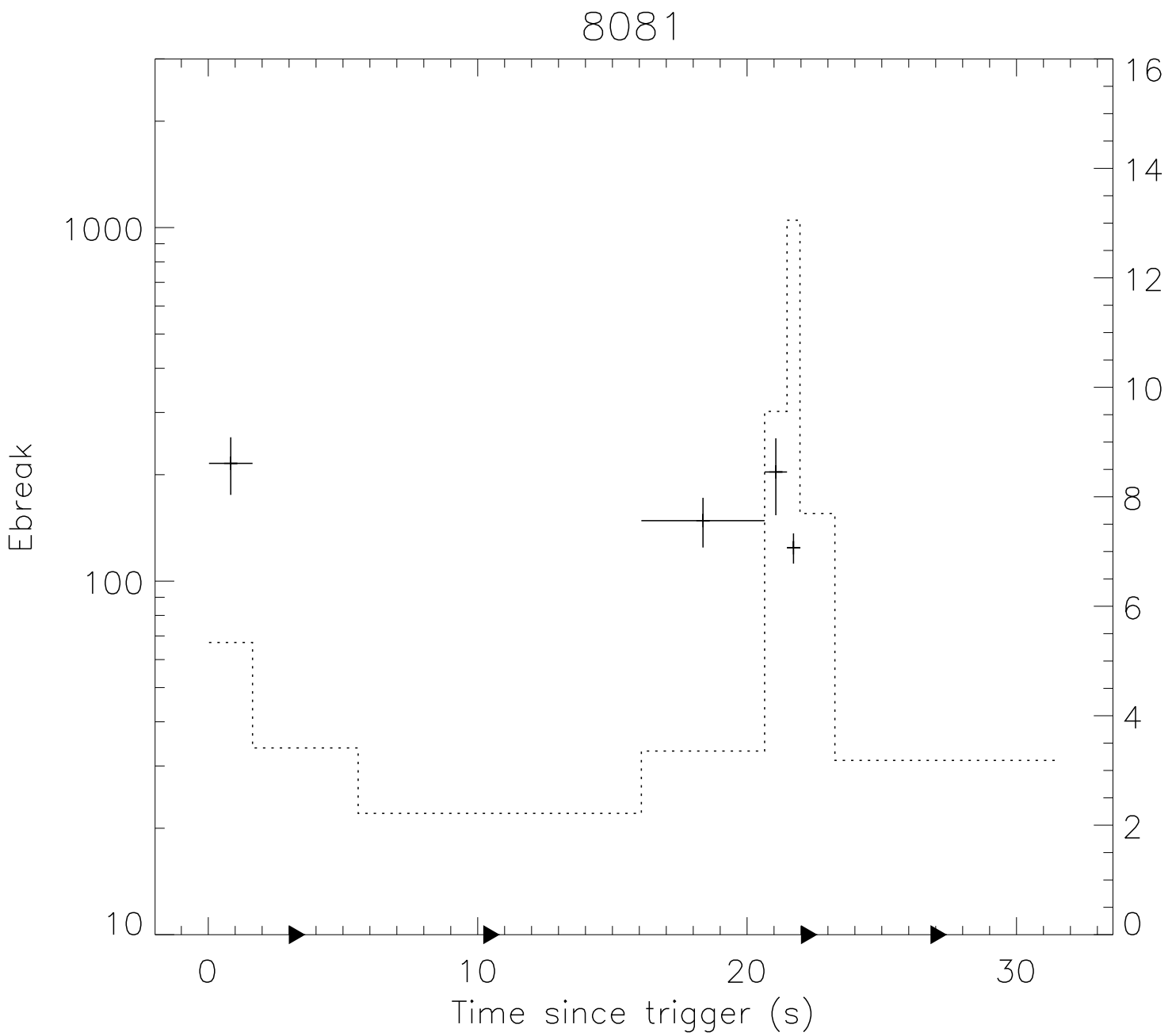

7994
Ebreak
1000
100
10
10
8
6
4
2
0
0
5
10
15
20
25
Time since trigger (s)

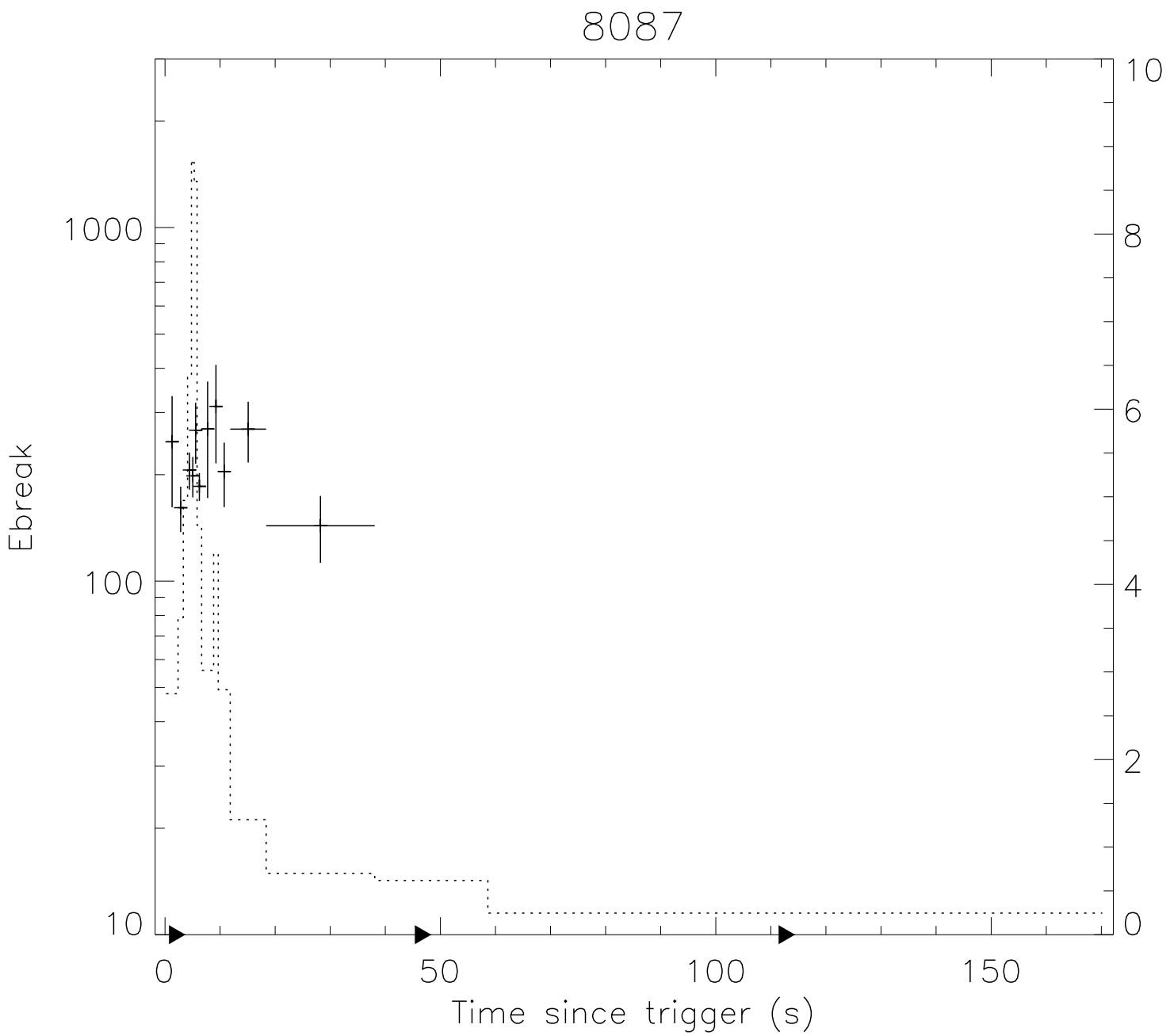

8005
Ebreak
1000
100
10
20
15
10
5
0
0
2
4
6
8
Time since trigger (s)

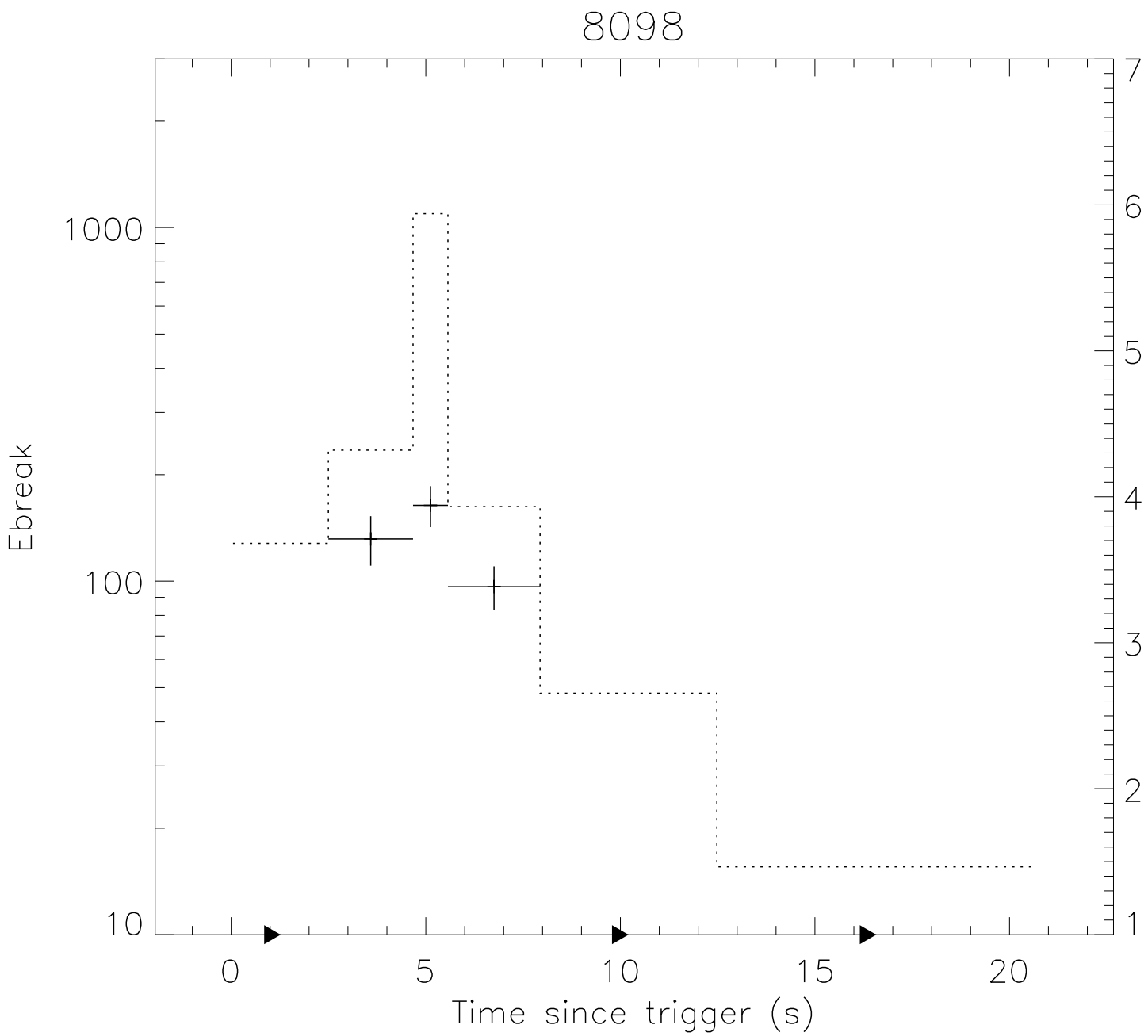

8008
Ebreak
1000
100
10
20
15
10
5
0
0
5
10
15
20
25
Time since trigger (s)

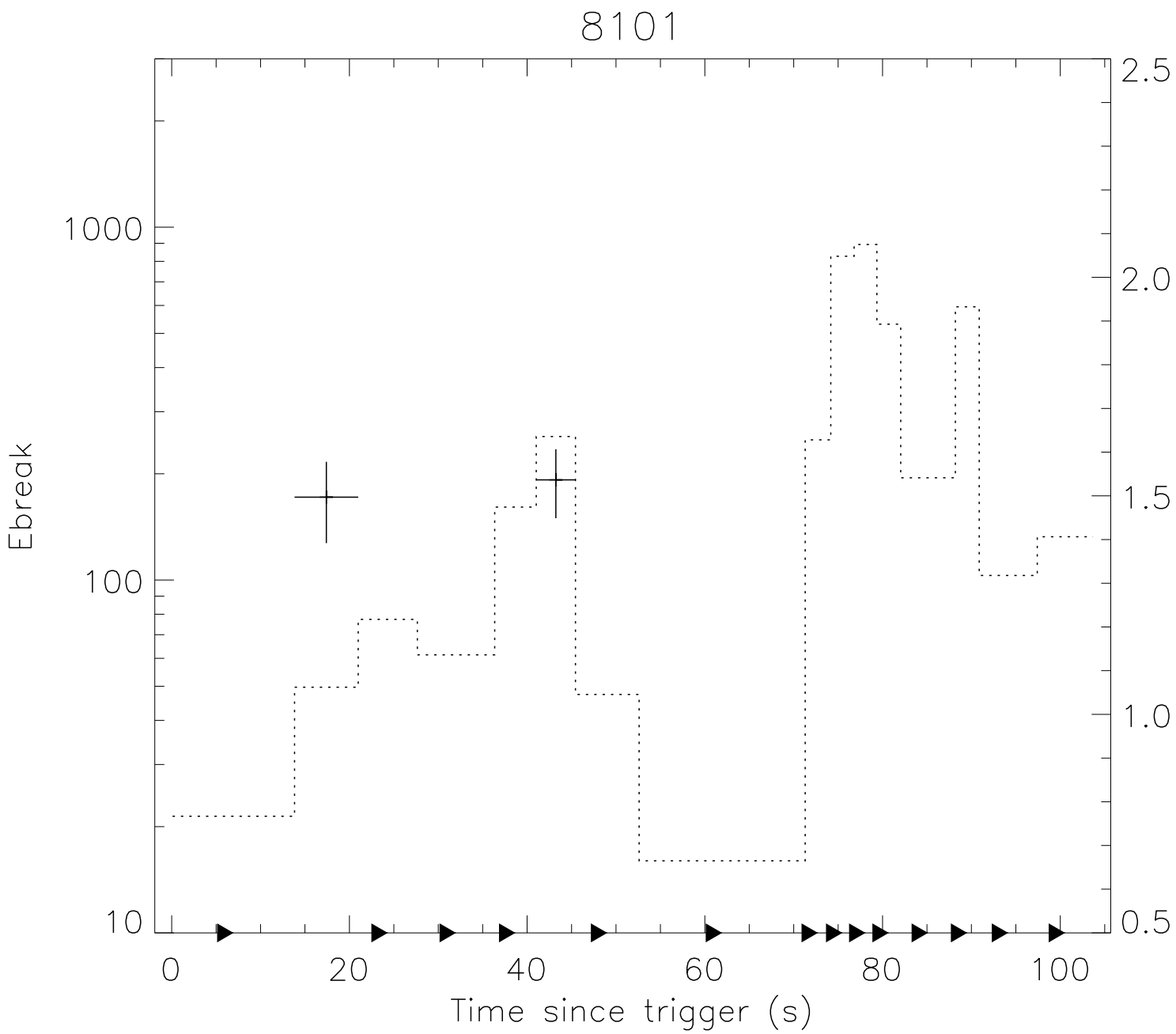

8053
1000
100
10
Ebreak
70
60
50
40
30
20
10
−1
0
1
2
3
Time since trigger (s)

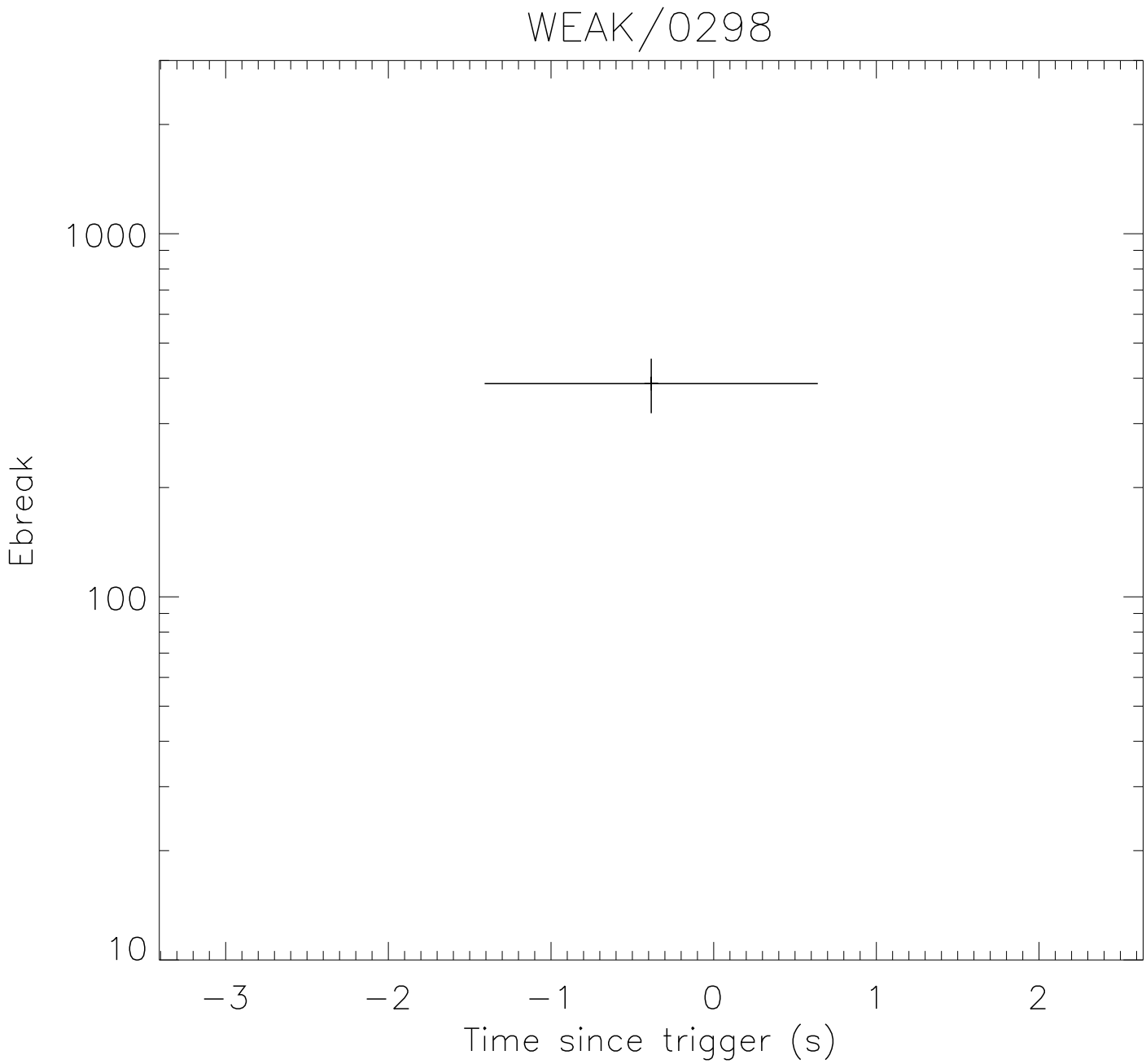

8069
1000
100
10
Ebreak
100
80
60
40
20
0
0
2
4
6
8
Time since trigger (s)

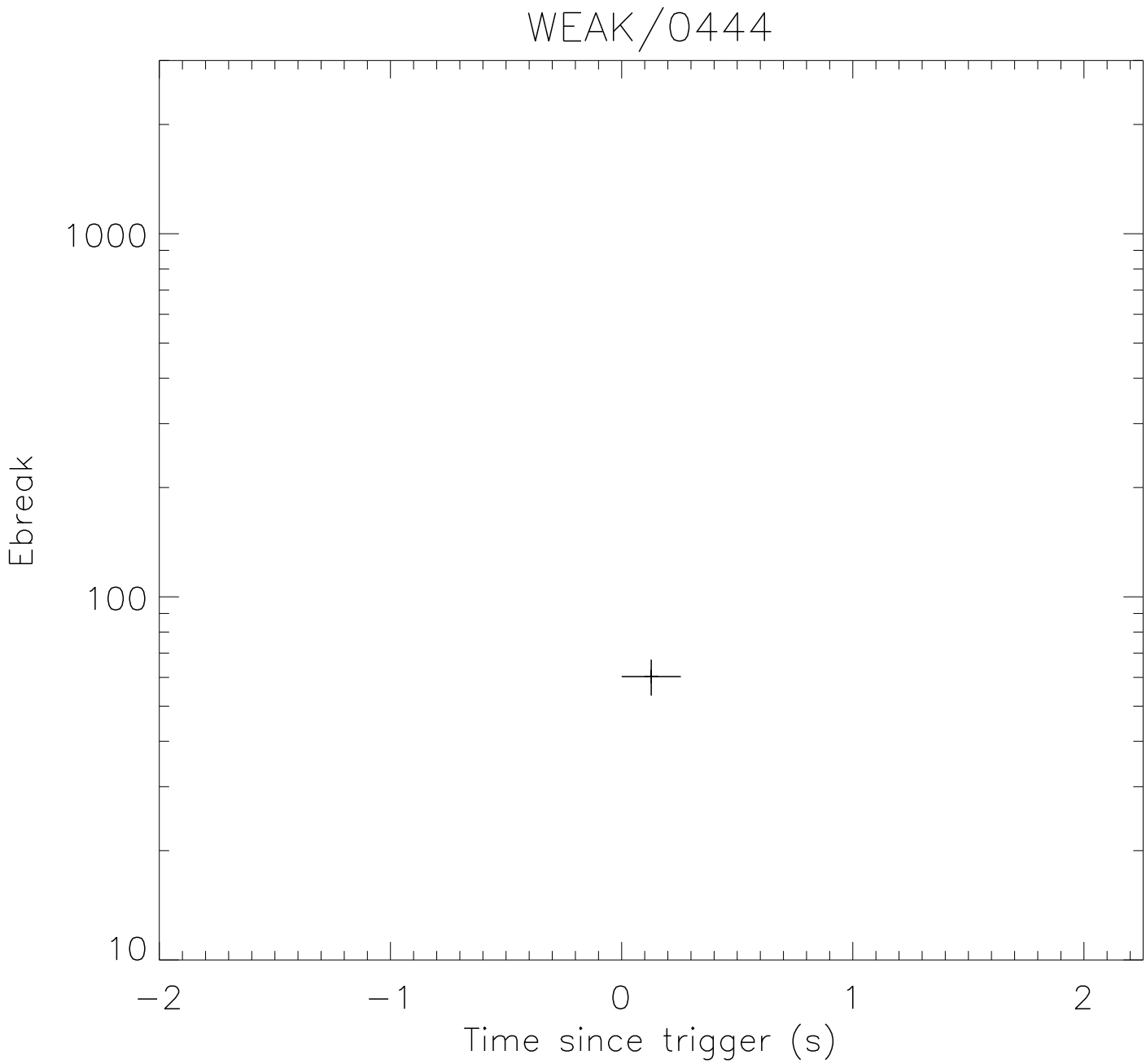

8081
Ebreak
1000
100
10
0
10
20
30
Time since trigger (s)
16
14
12
10
8
6
4
2
0

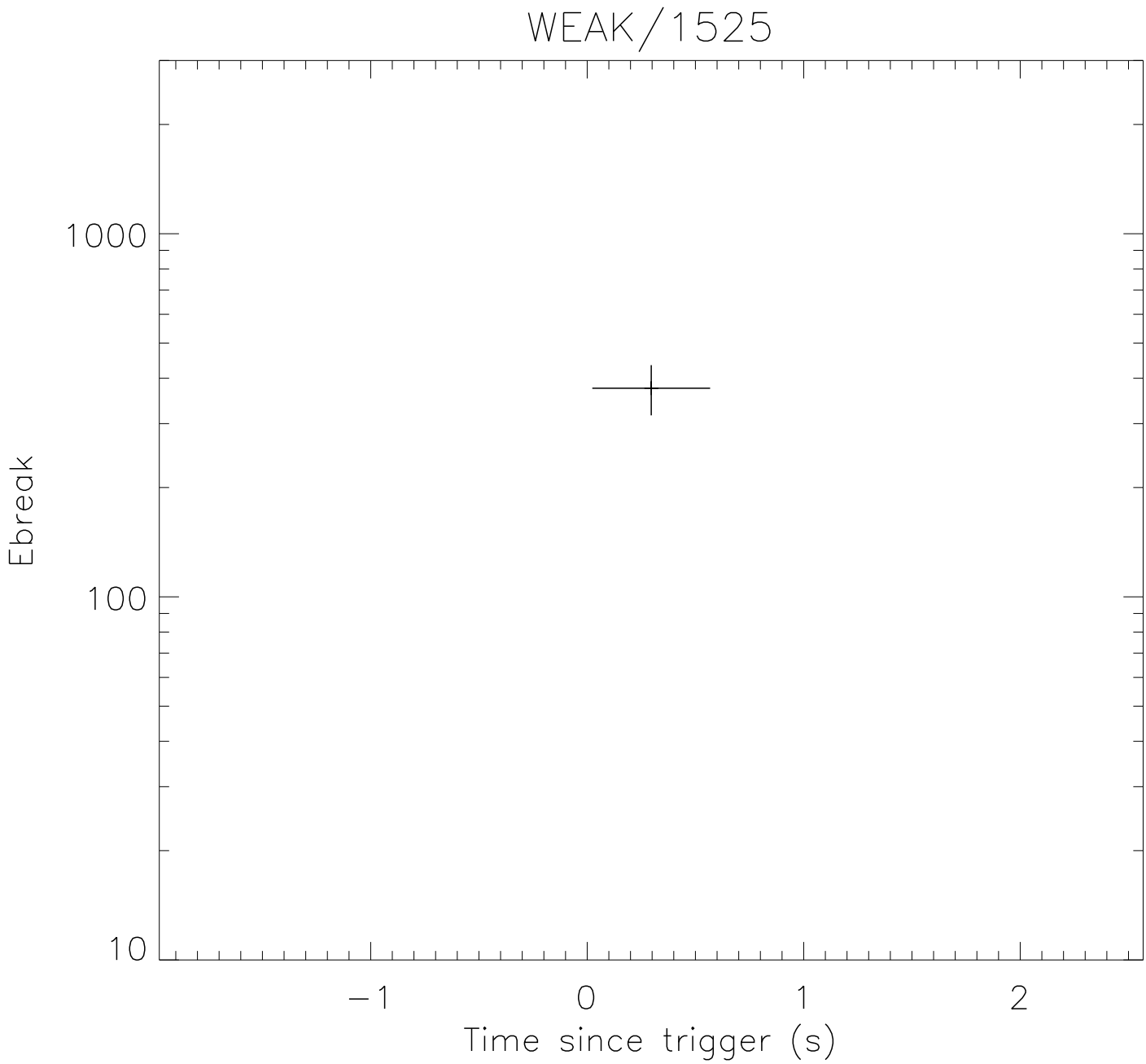

8087
Ebreak
1000
100
10
10
8
6
4
2
0
0
50
100
150
Time since trigger (s)

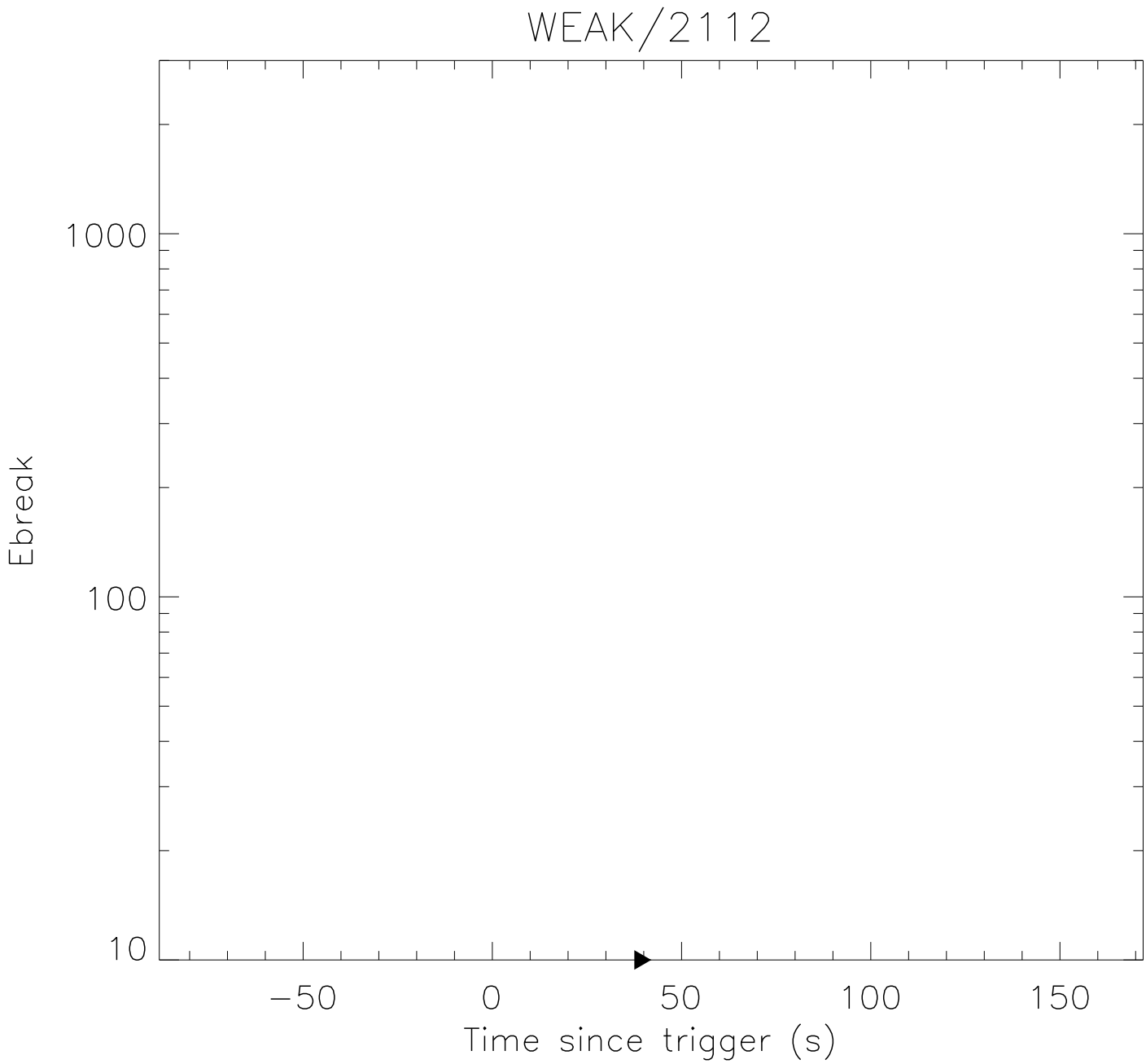

8098
Ebreak
1000
100
10
0
5
10
15
20
Time since trigger (s)
7
6
5
4
3
2
1

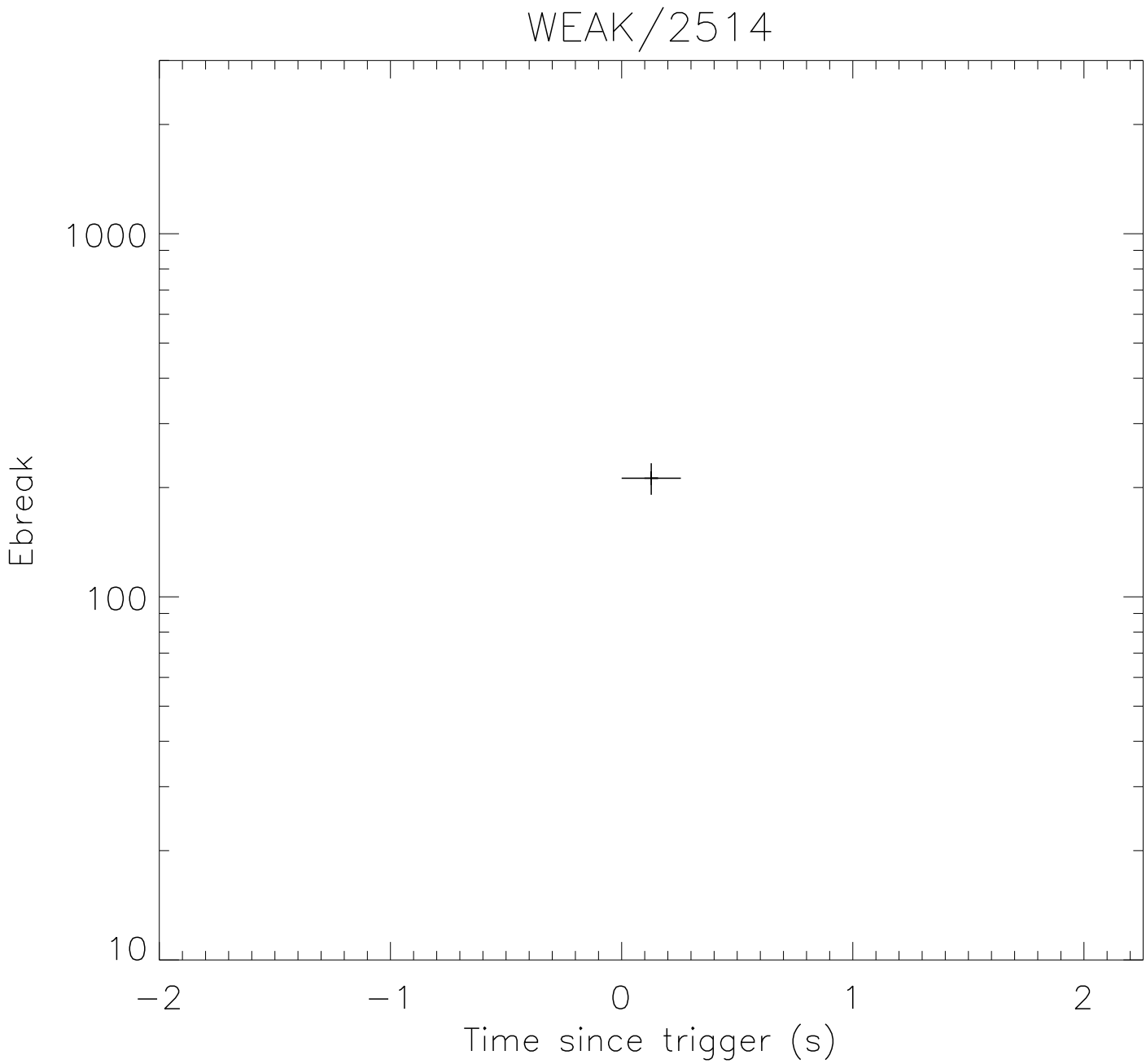

8101
Ebreak
1000
100
10
2.5
2.0
1.5
1.0
0.5
0
20
40
60
80
100
Time since trigger (s)

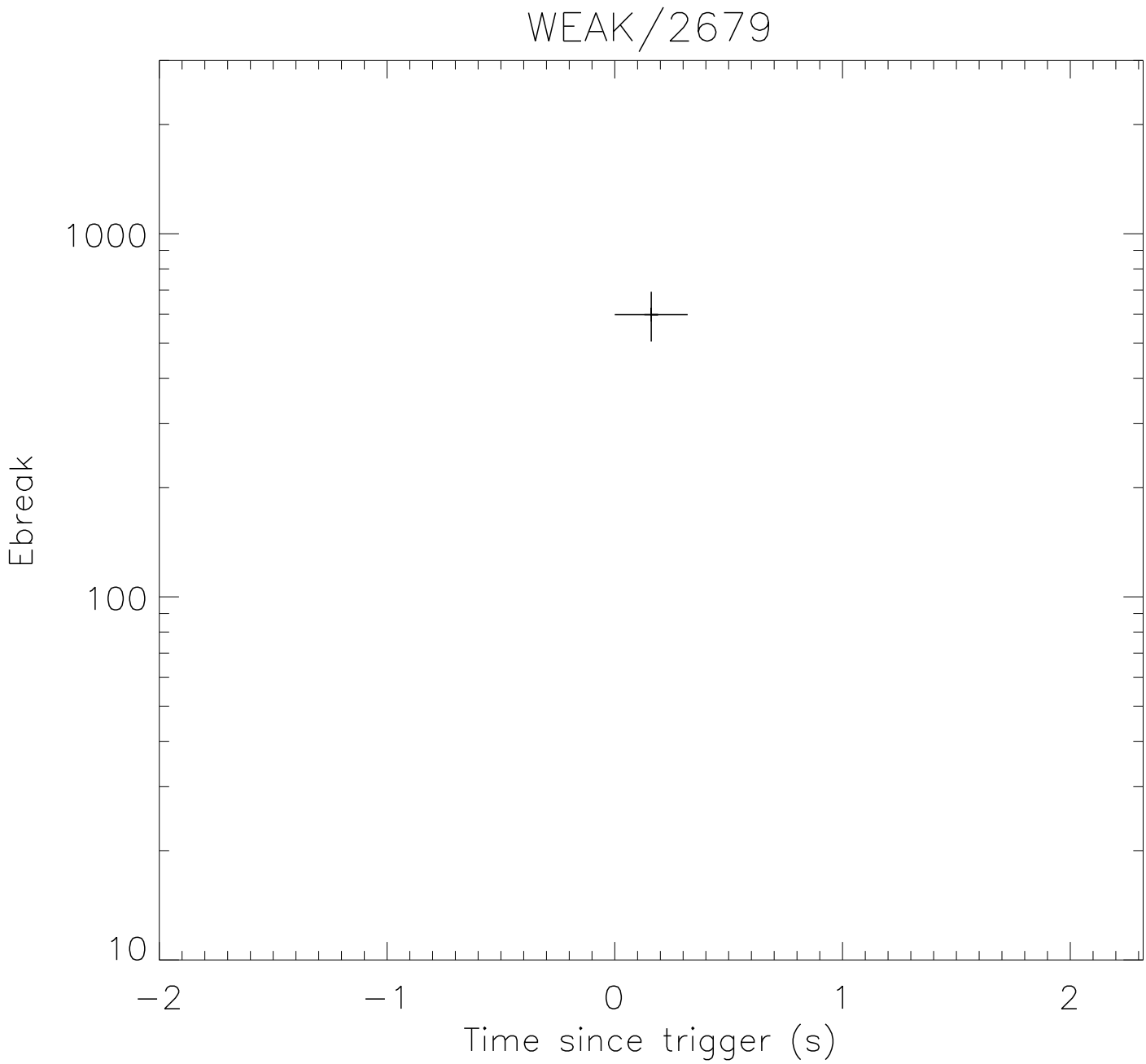

WEAK/0298
1000
100
10
Ebreak
−3
−2
−1
0
1
2
Time since trigger (s)

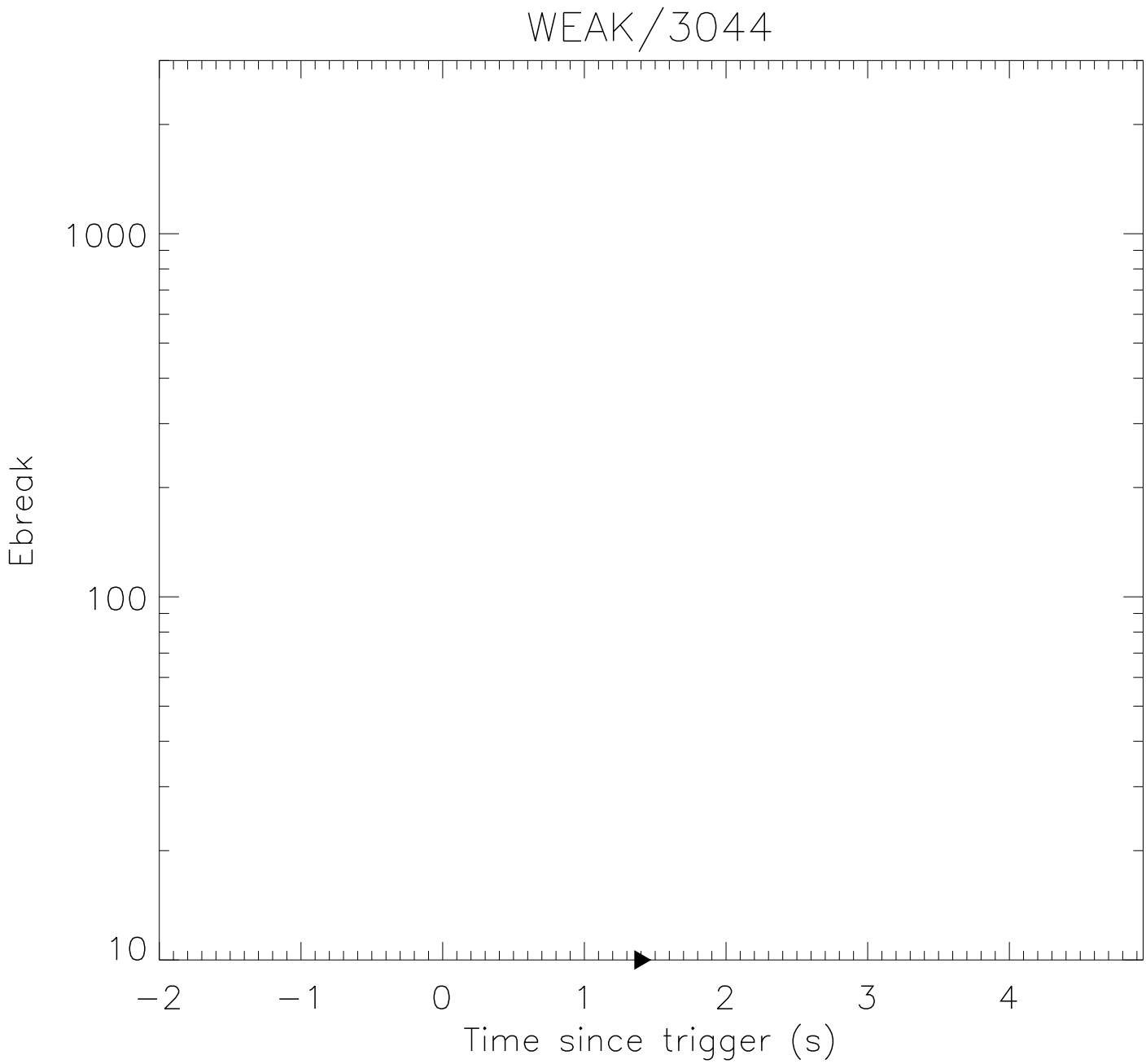

WEAK/0444
1000
100
10
Ebreak
−2
−1
0
1
2
Time since trigger (s)

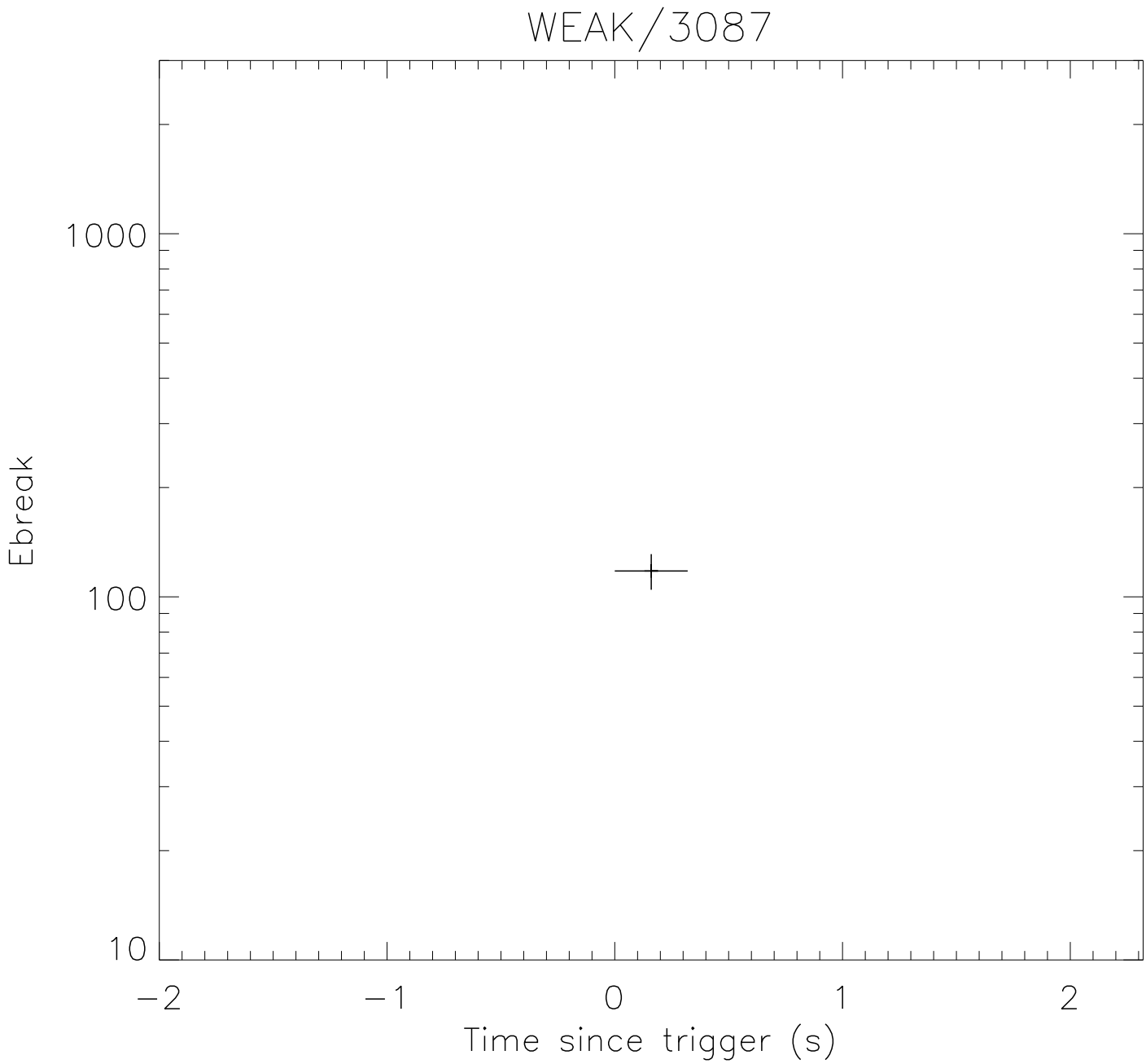

WEAK/1525
1000
100
10
Ebreak
−1
0
1
2
Time since trigger (s)

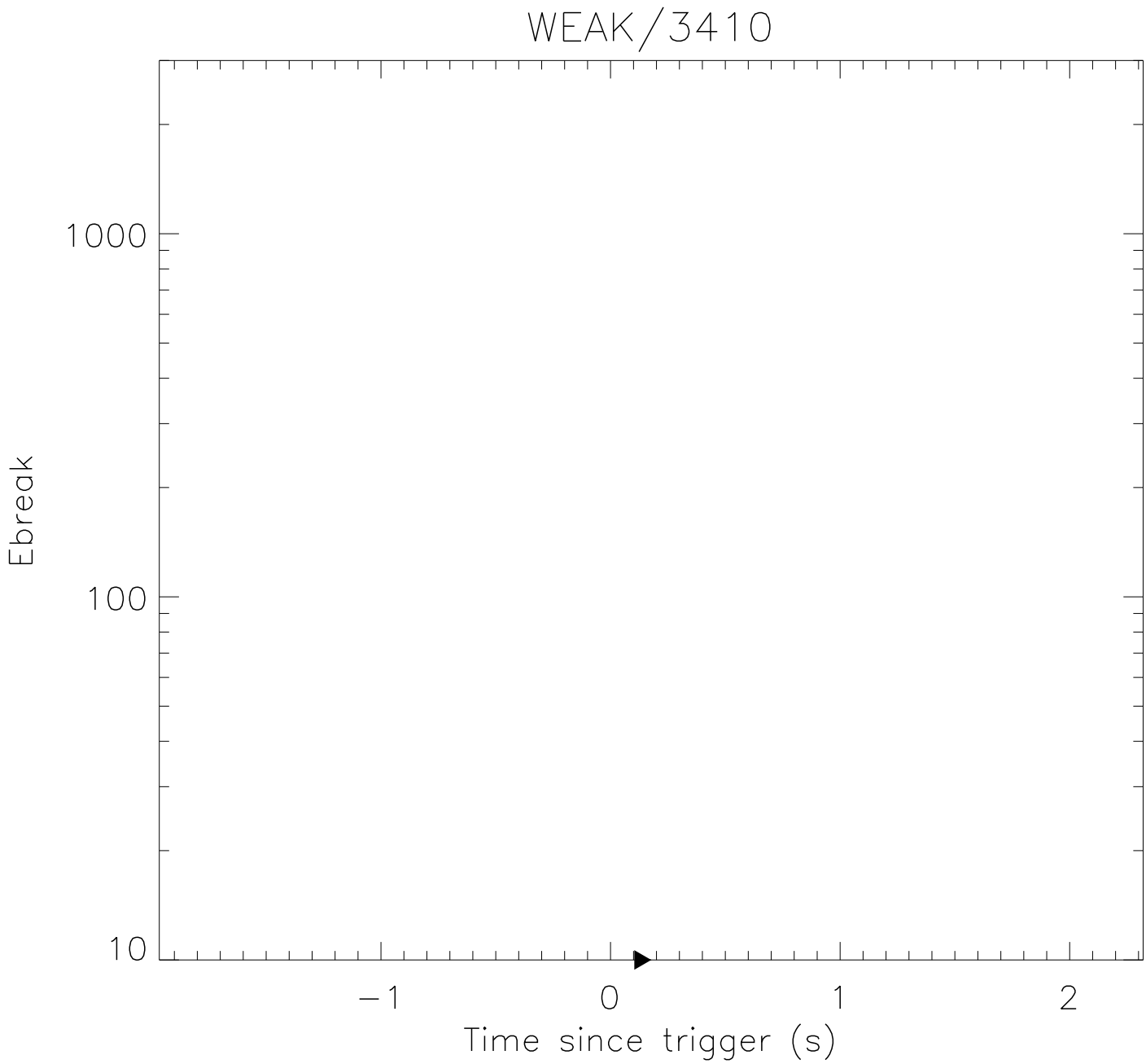

WEAK/2112
1000
100
10
Ebreak
−50
0
50
100
150
Time since trigger (s)

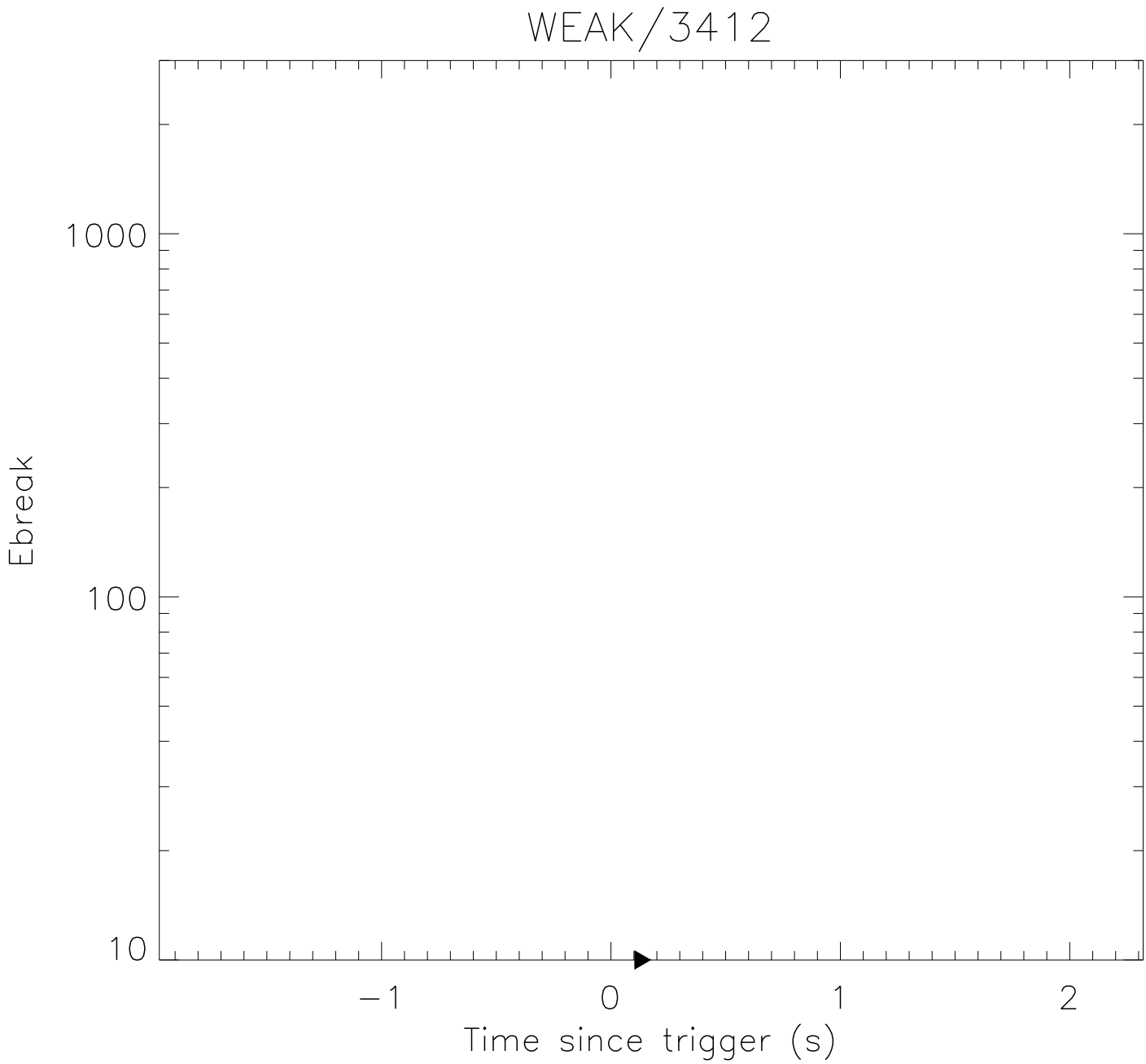

WEAK/2514
1000
100
10
Ebreak
−2
−1
0
1
2
Time since trigger (s)

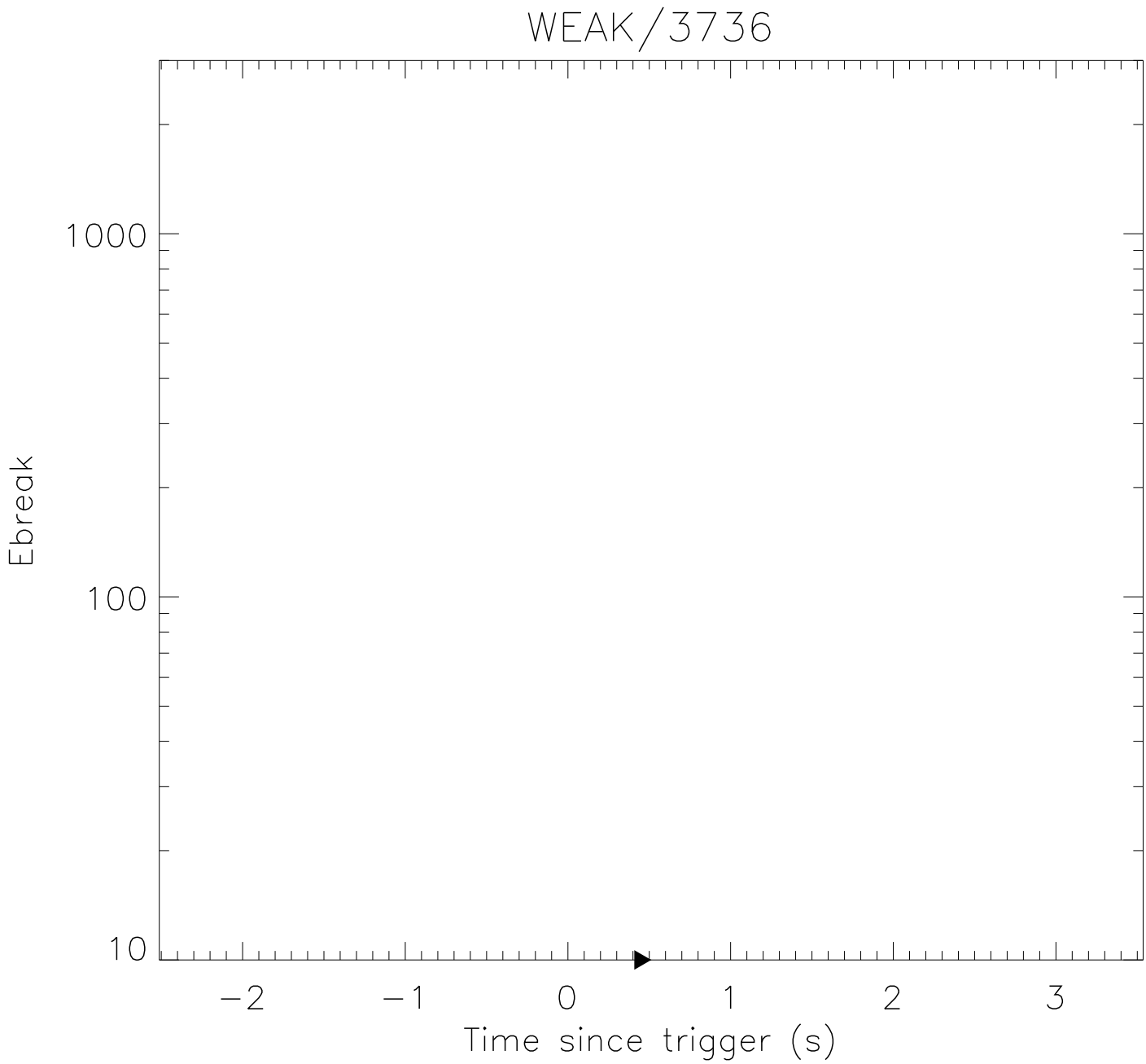

WEAK/2679
1000
100
10
Ebreak
−2
−1
0
1
2
Time since trigger (s)

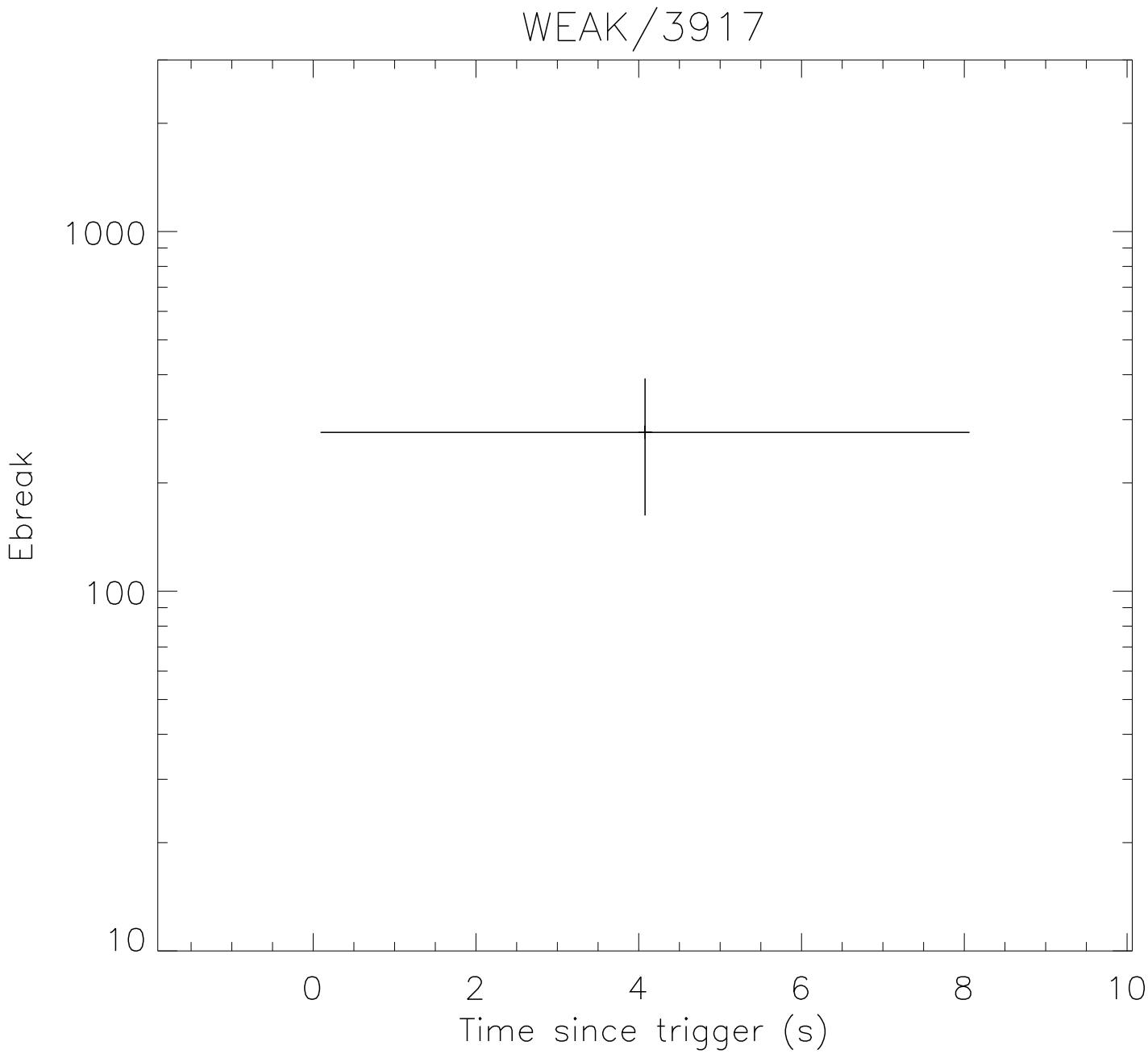

WEAK/3044
1000
100
10
Ebreak
−2
−1
0
1
2
3
4
Time since trigger (s)

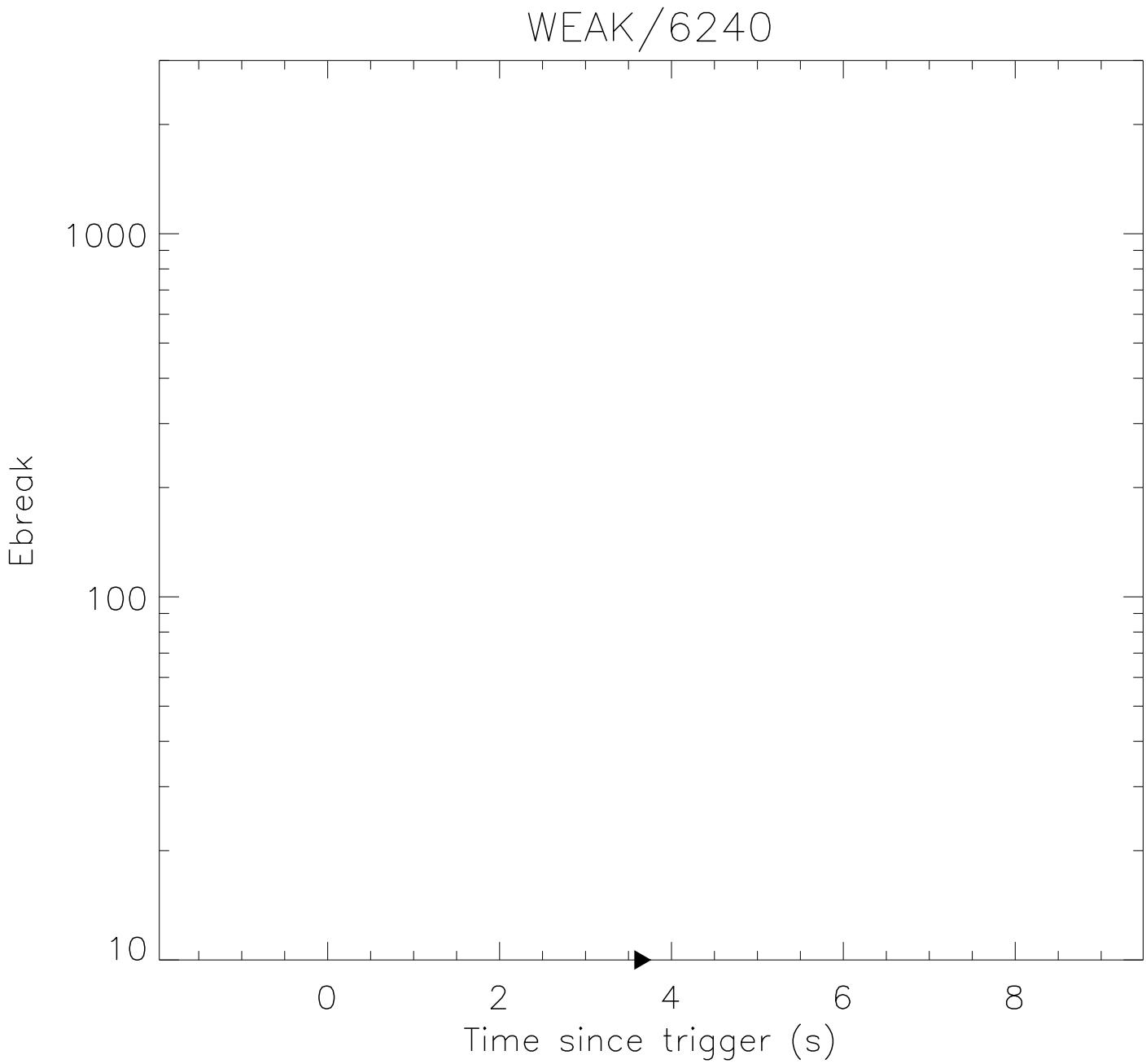

WEAK/3087
1000
100
10
Ebreak
−2
−1
0
1
2
Time since trigger (s)

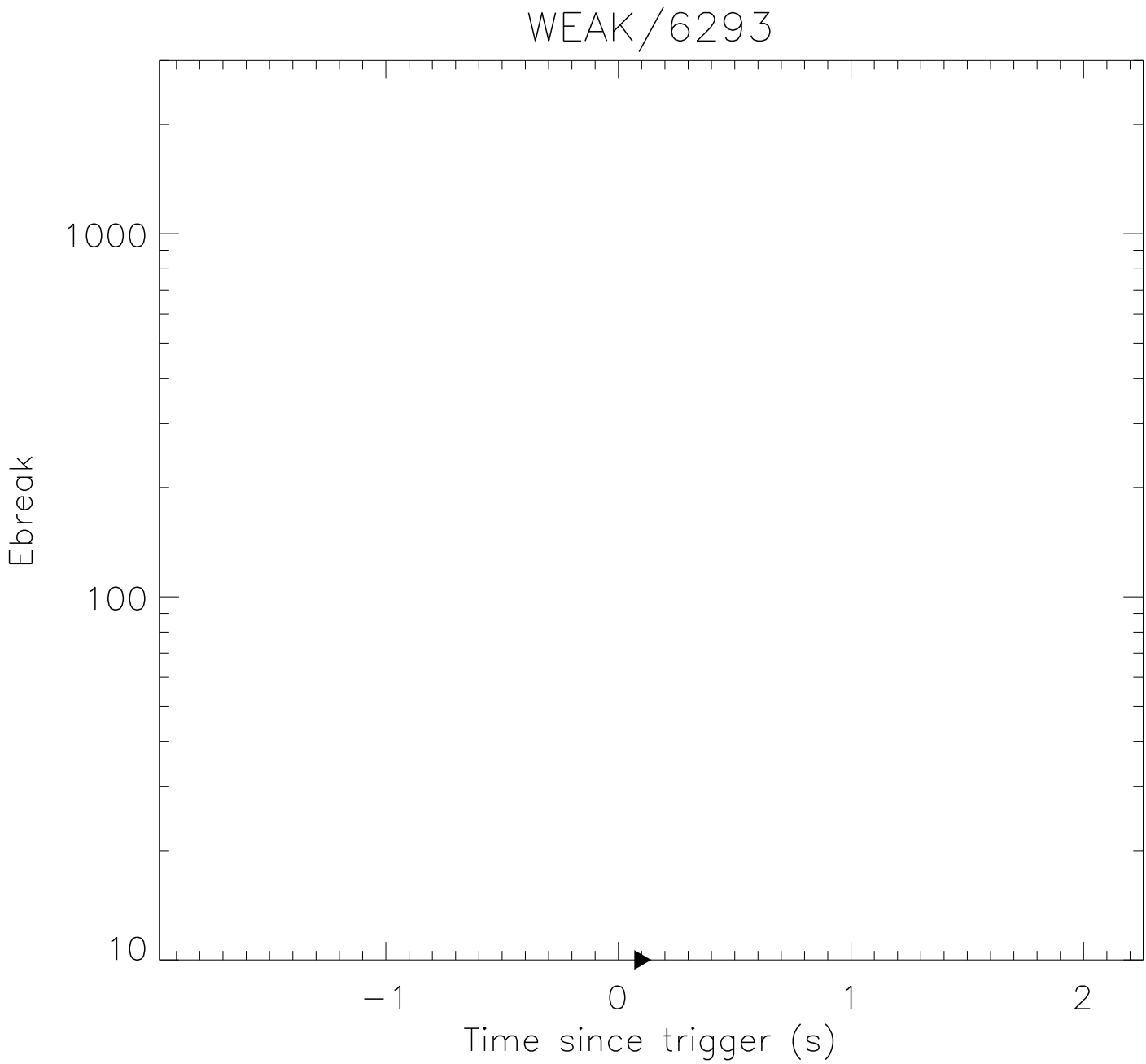

WEAK/3410
1000
100
10
Ebreak
−1
0
1
2
Time since trigger (s)

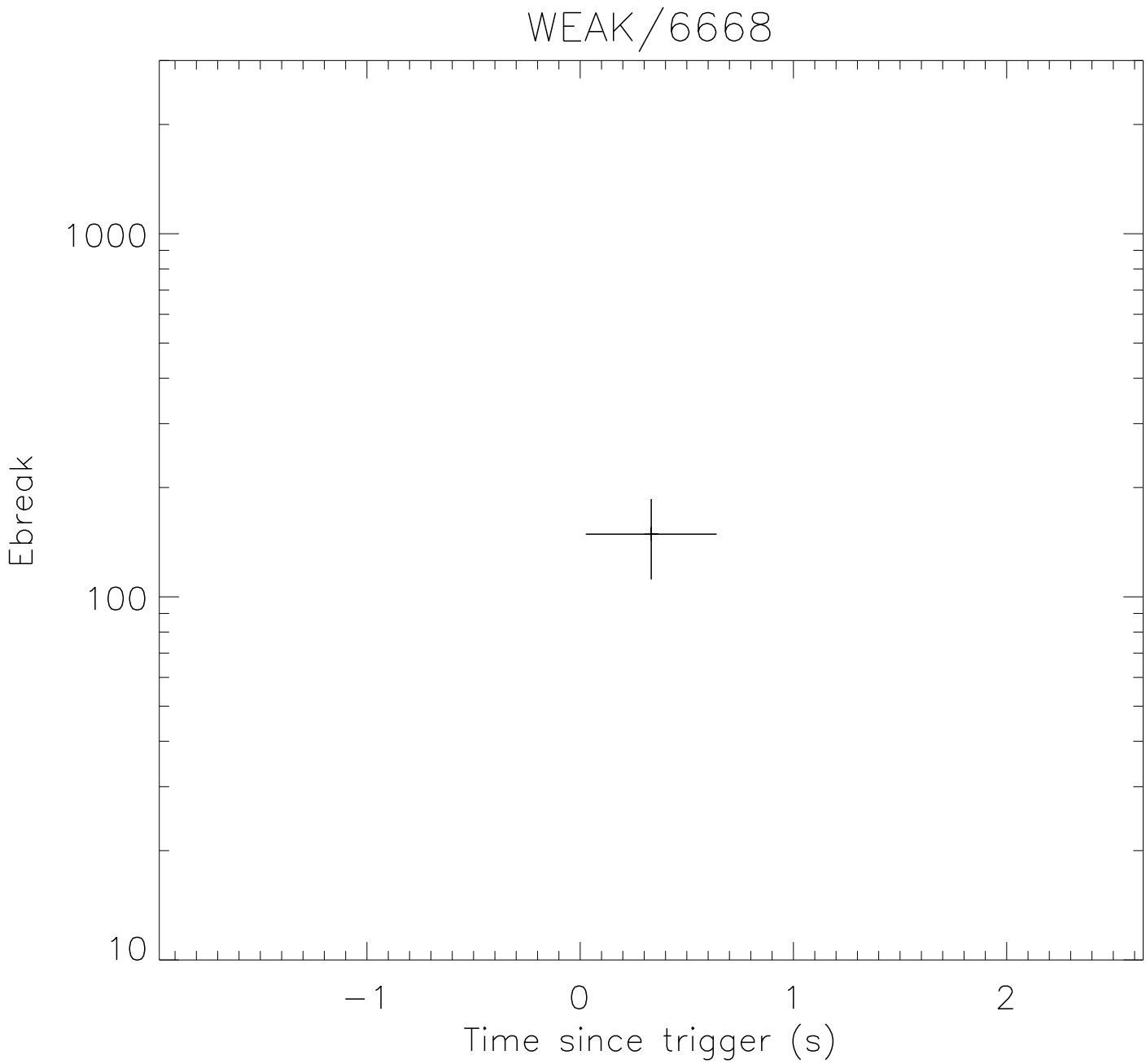

WEAK/3412
1000
100
10
Ebreak
−1
0
1
2
Time since trigger (s)

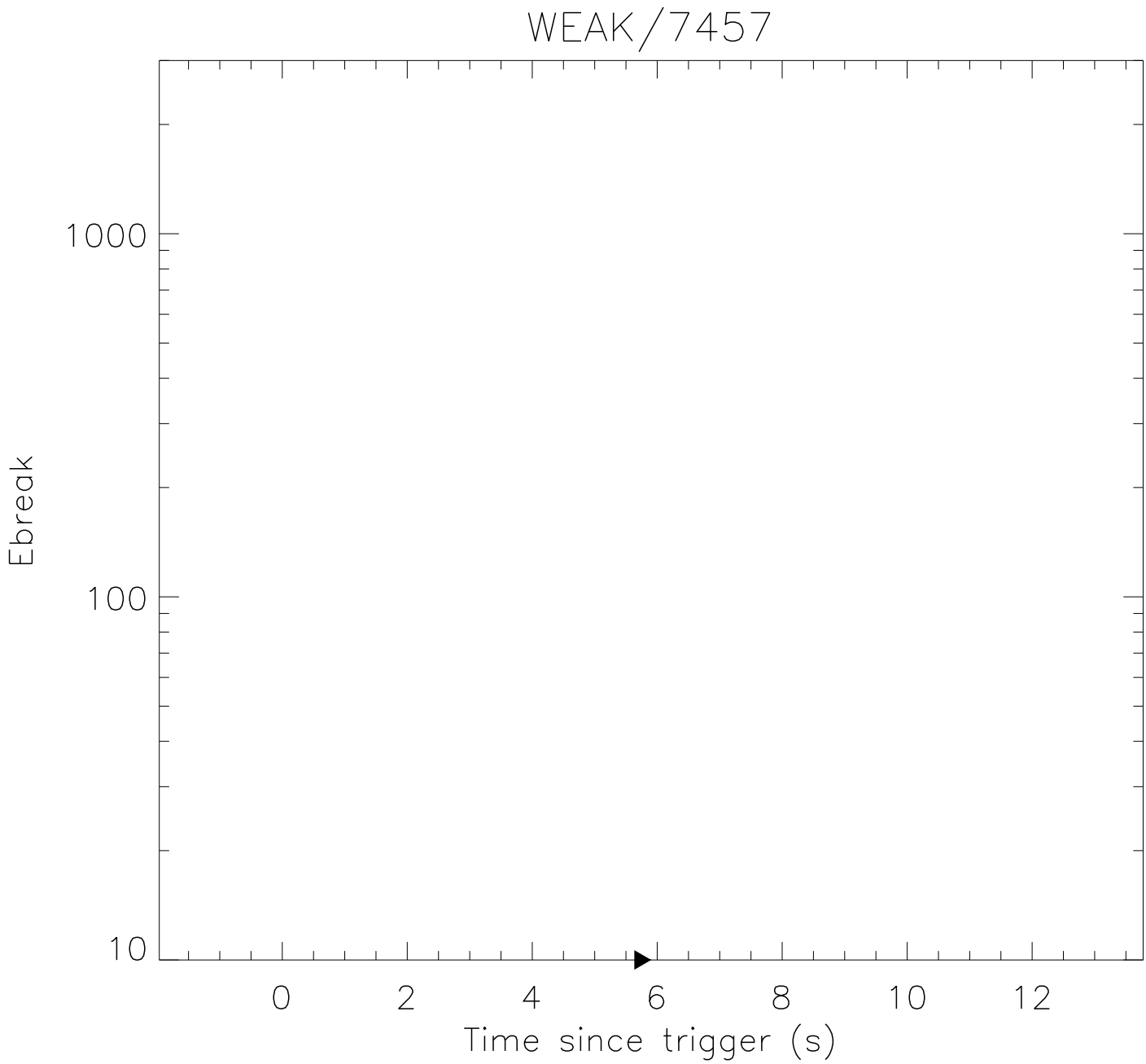

WEAK/3736
1000
100
10
Ebreak
−2
−1
0
1
2
3
Time since trigger (s)

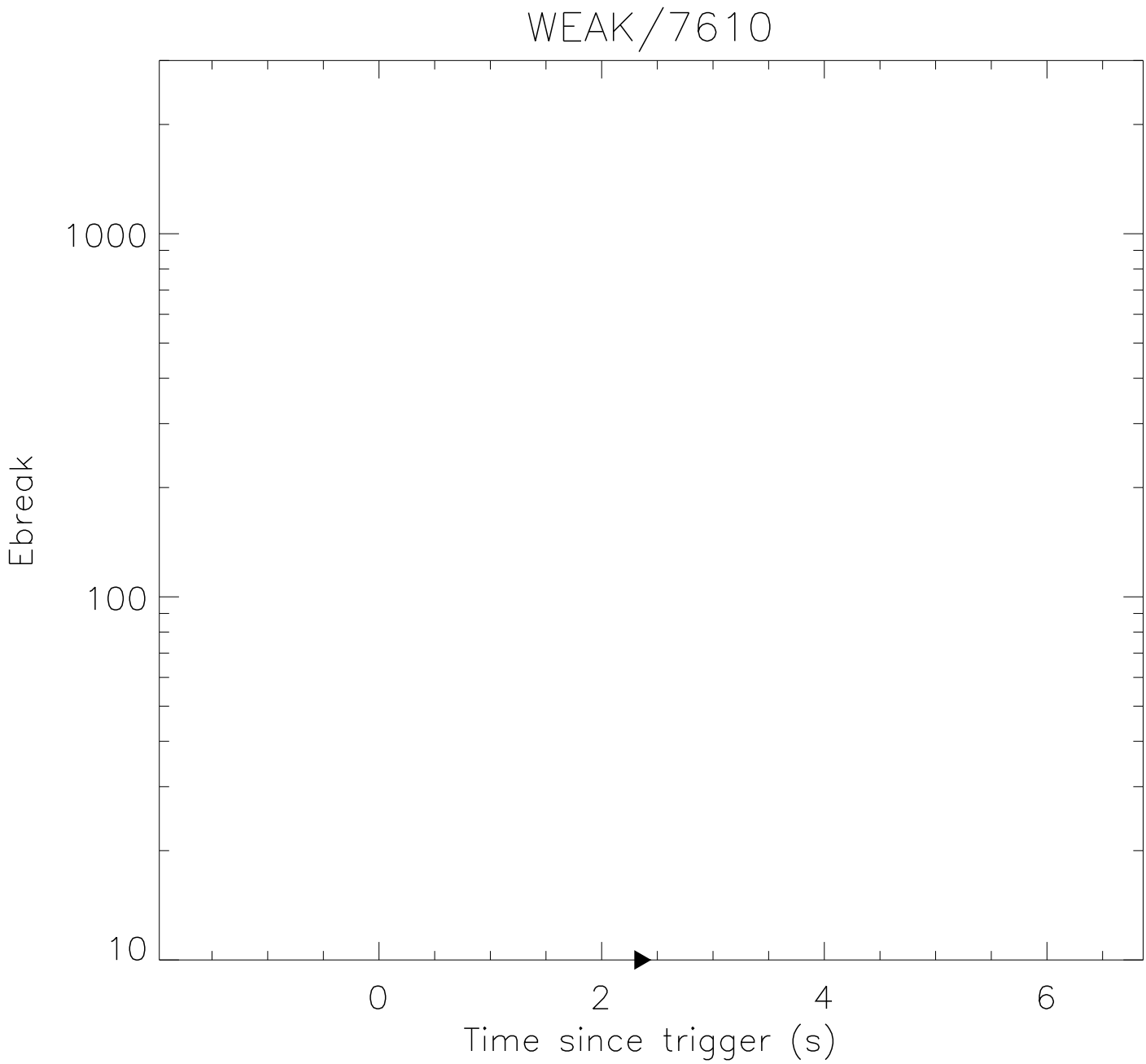

WEAK/3917
1000
100
10
Ebreak
0
2
4
6
8
10
Time since trigger (s)

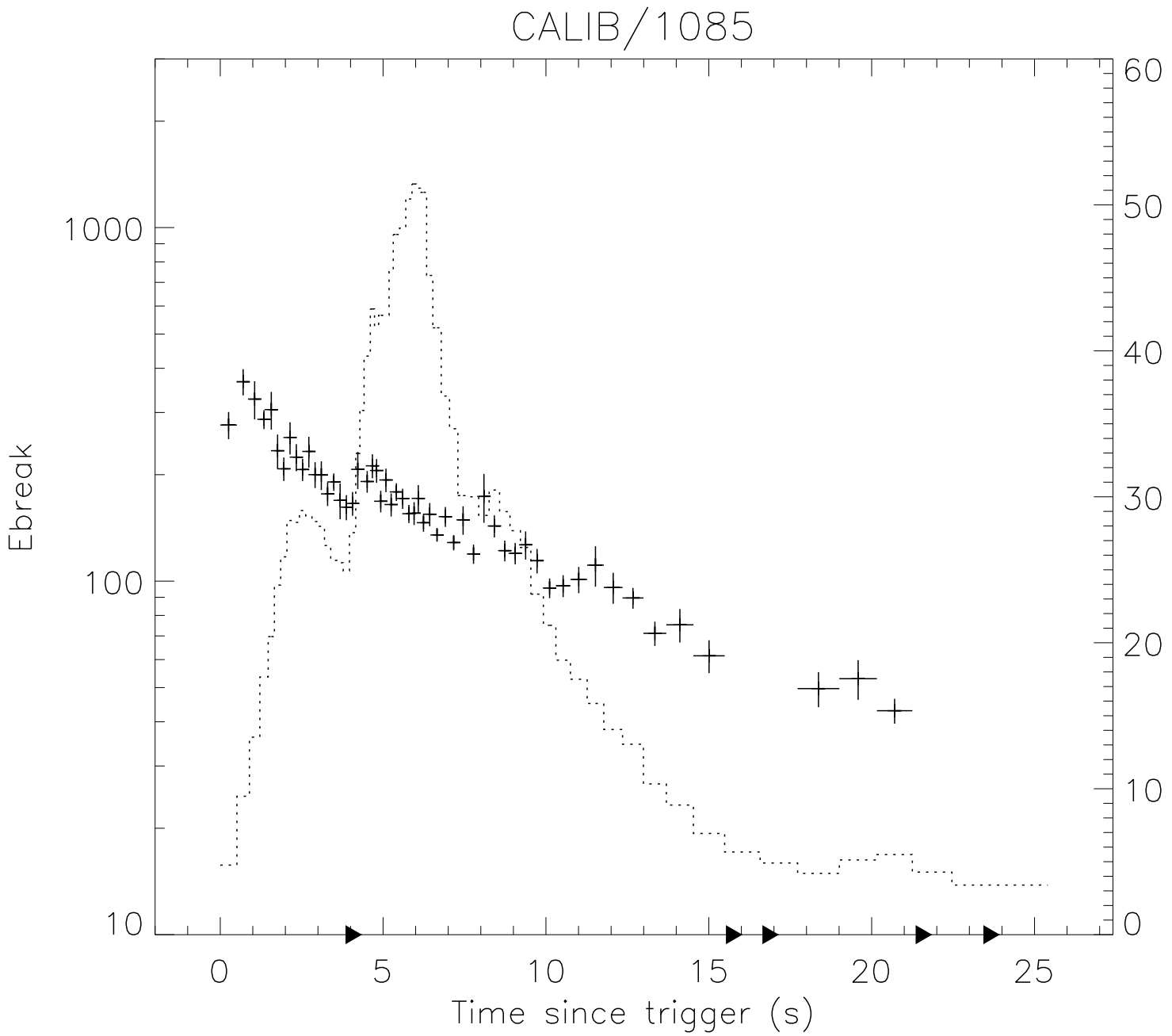

WEAK/6240
1000
100
10
Ebreak
0
2
4
6
8
Time since trigger (s)

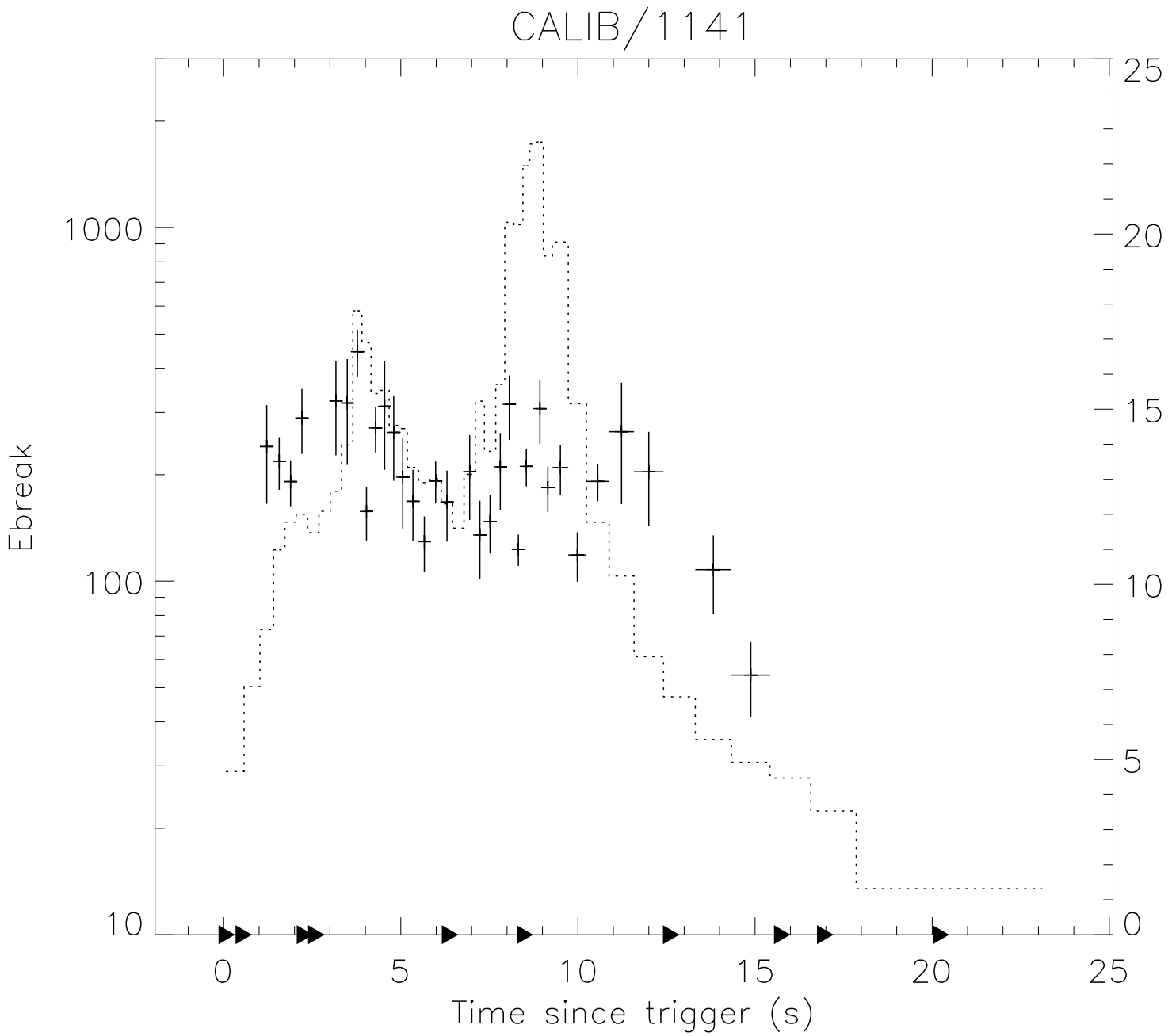

WEAK/6293
1000
100
10
Ebreak
−1
0
1
2
Time since trigger (s)

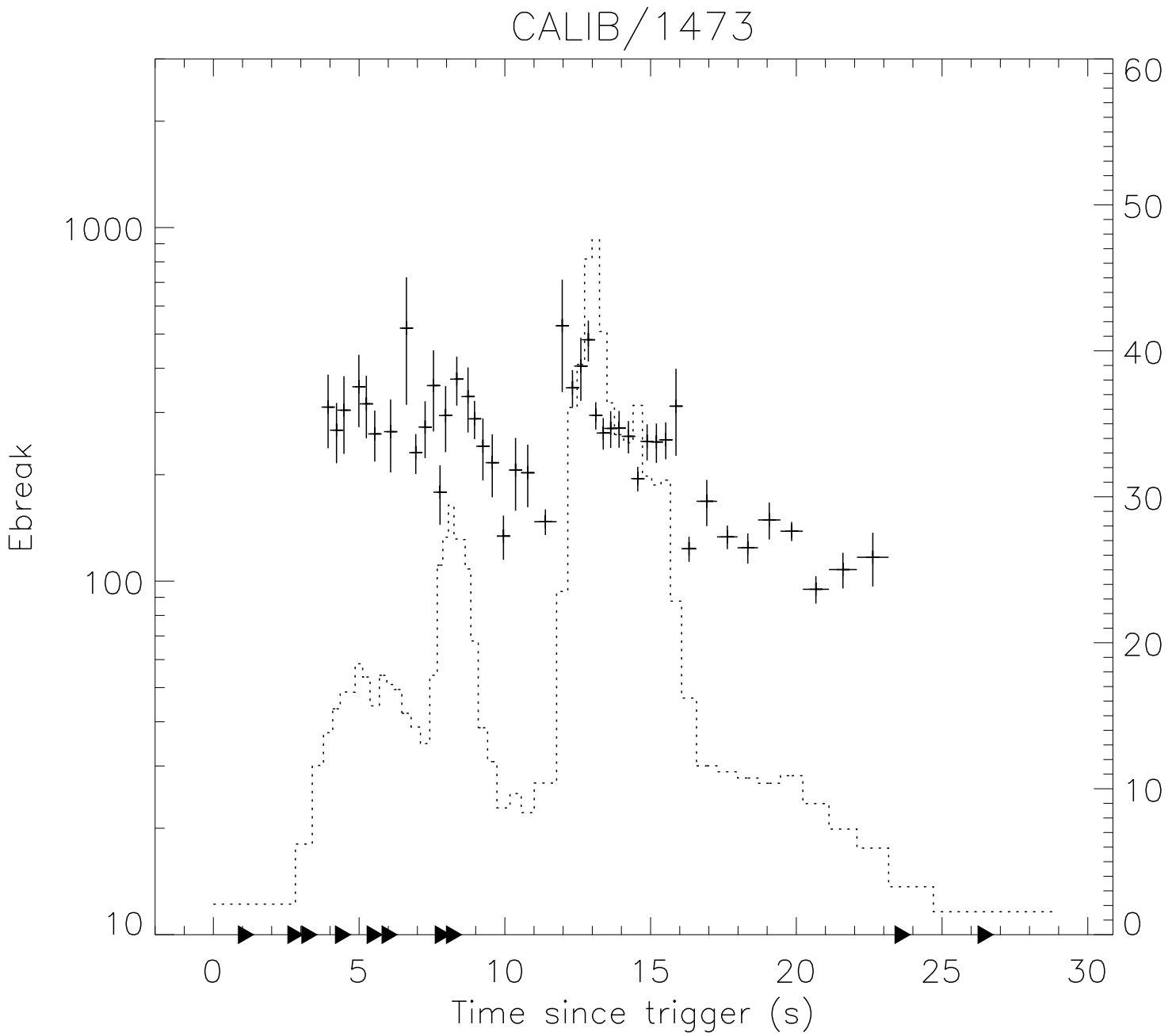

WEAK/6668
1000
100
10
Ebreak
−1
0
1
2
Time since trigger (s)

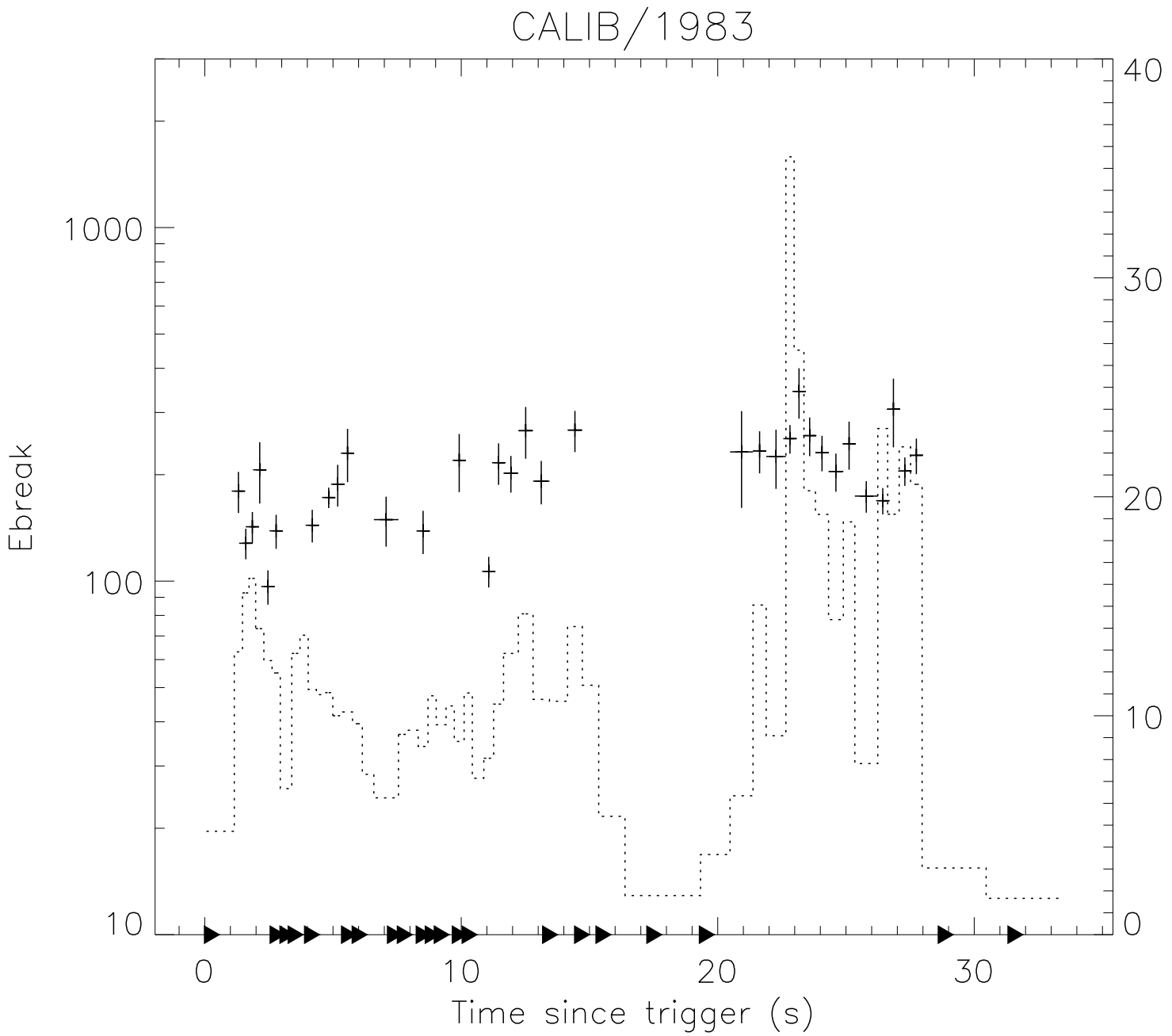

WEAK/7457
1000
100
10
Ebreak
0
2
4
6
8
10
12
Time since trigger (s)

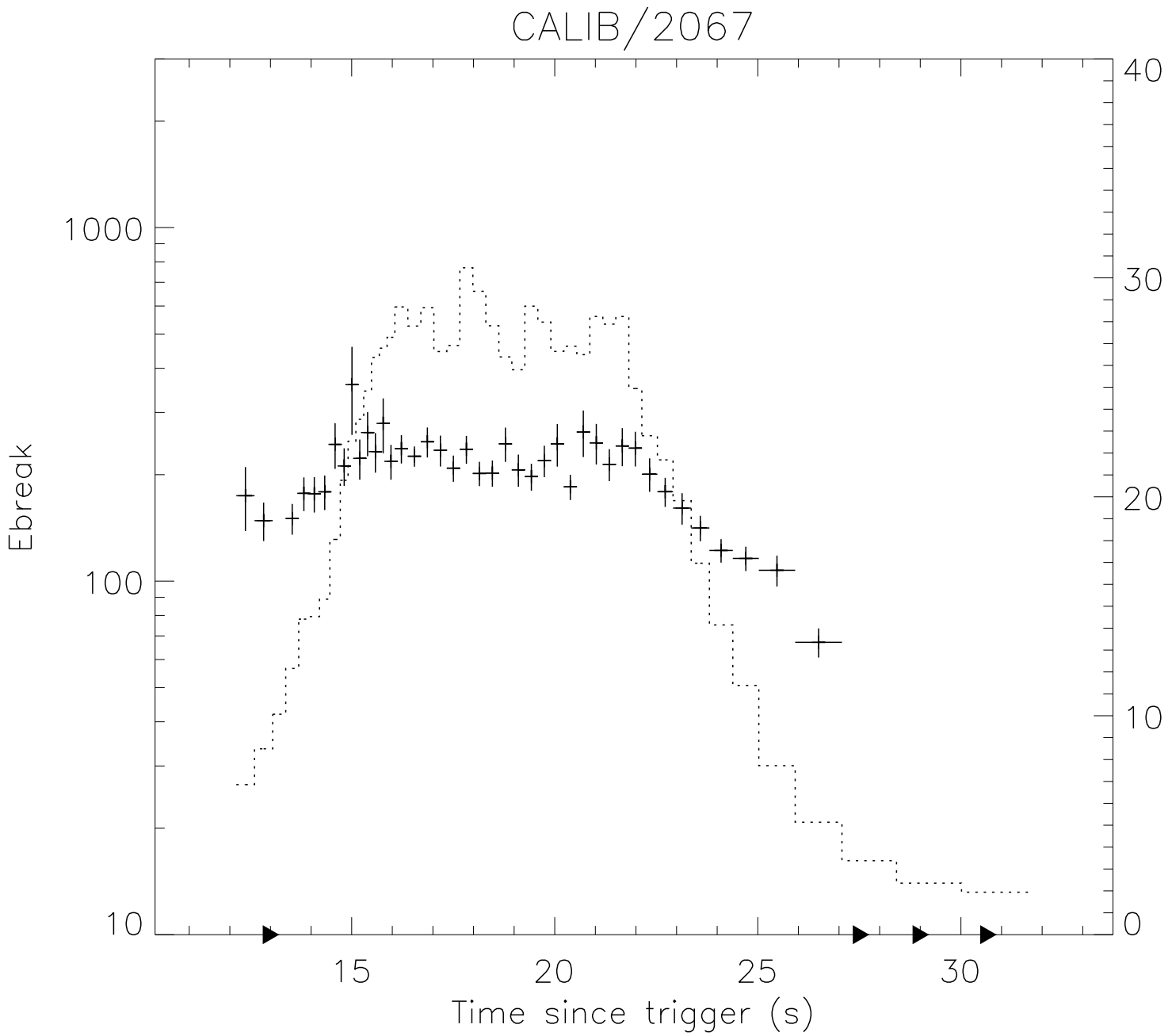

WEAK/7610
1000
100
10
Ebreak
0
2
4
6
Time since trigger (s)

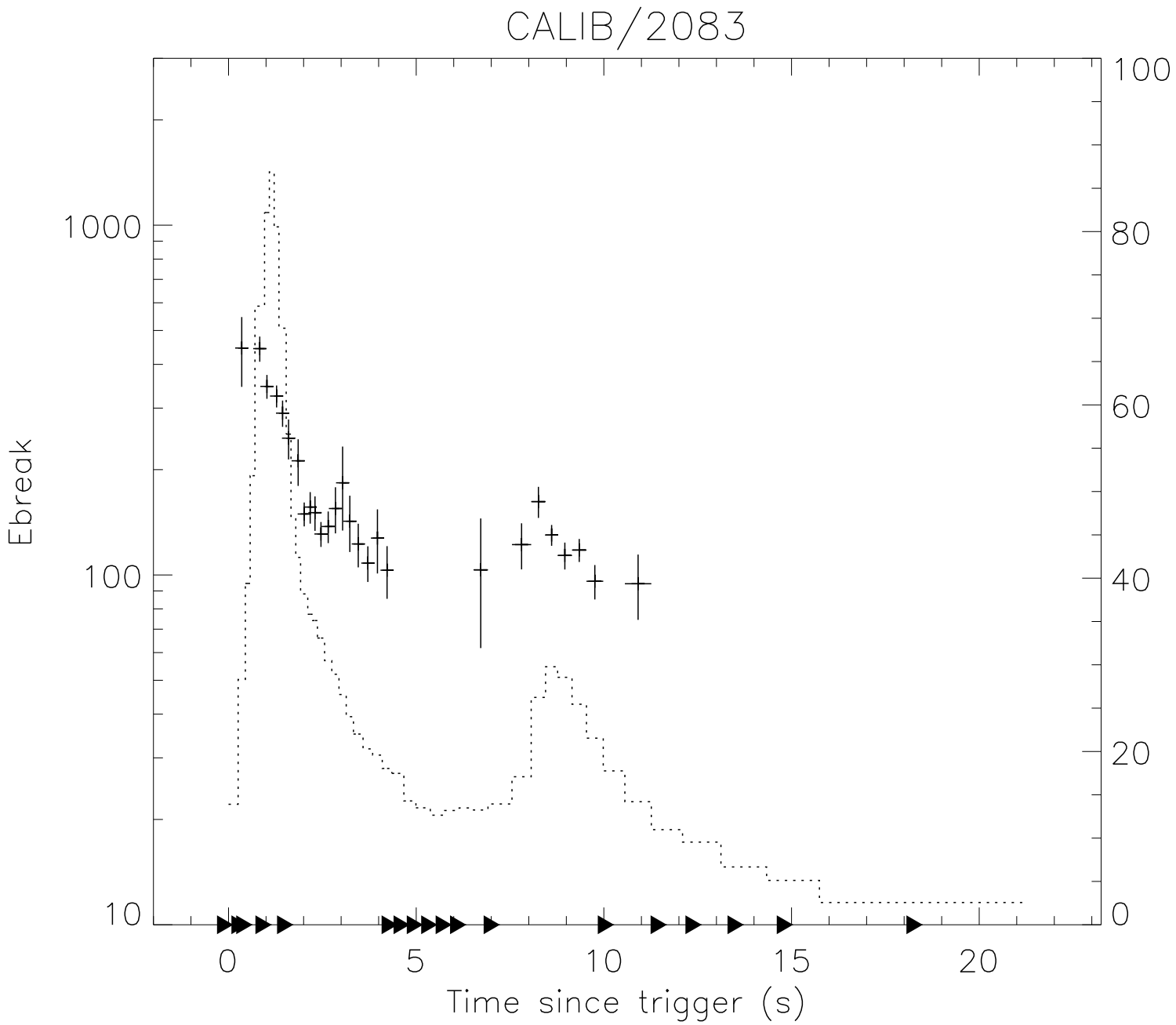

CALIB/1085
Ebreak
1000
100
10
60
50
40
30
20
10
0
0
5
10
15
20
25
Time since trigger (s)

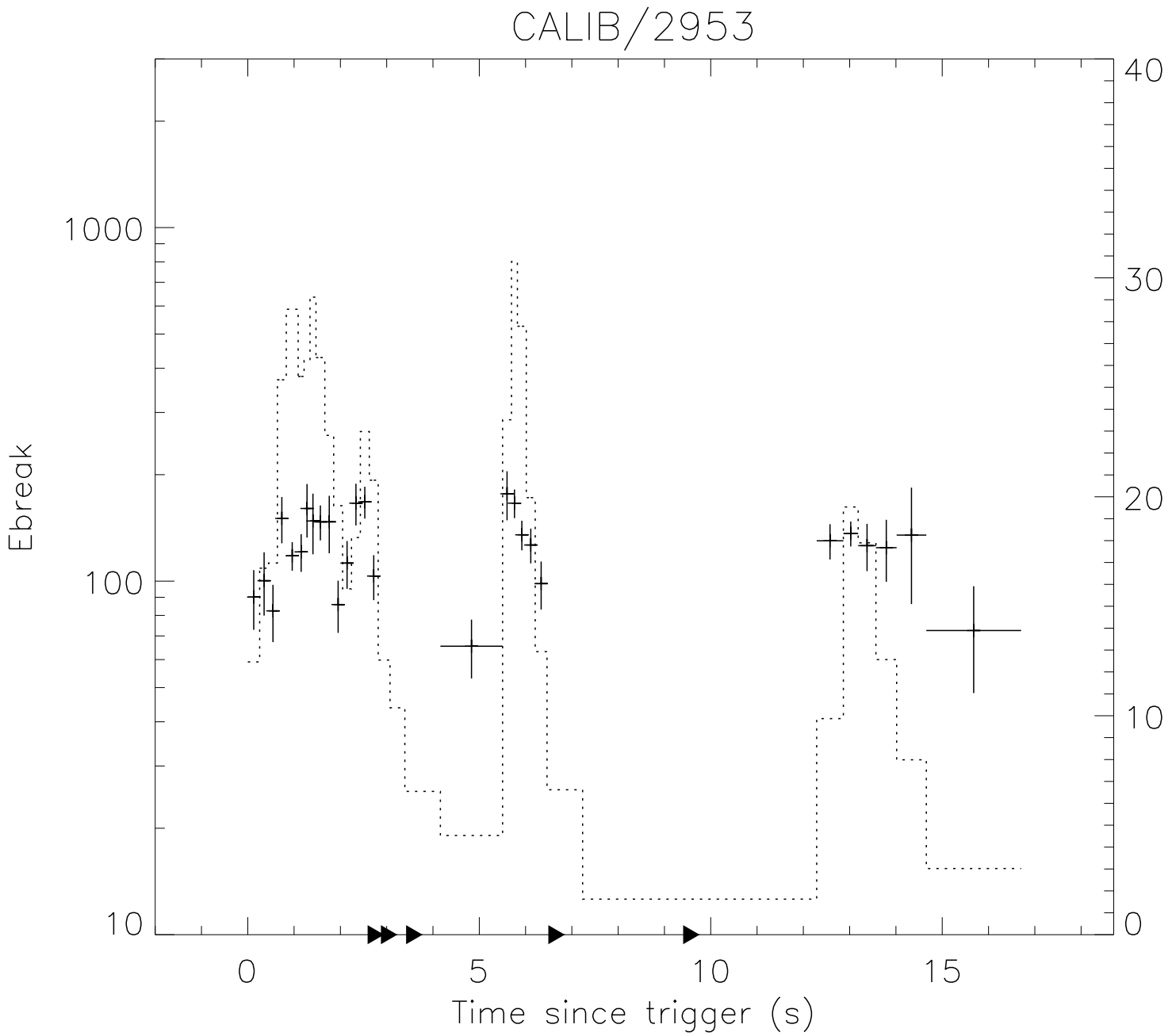

CALIB/1141
Ebreak
1000
100
10
25
20
15
10
5
0
0
5
10
15
20
25
Time since trigger (s)

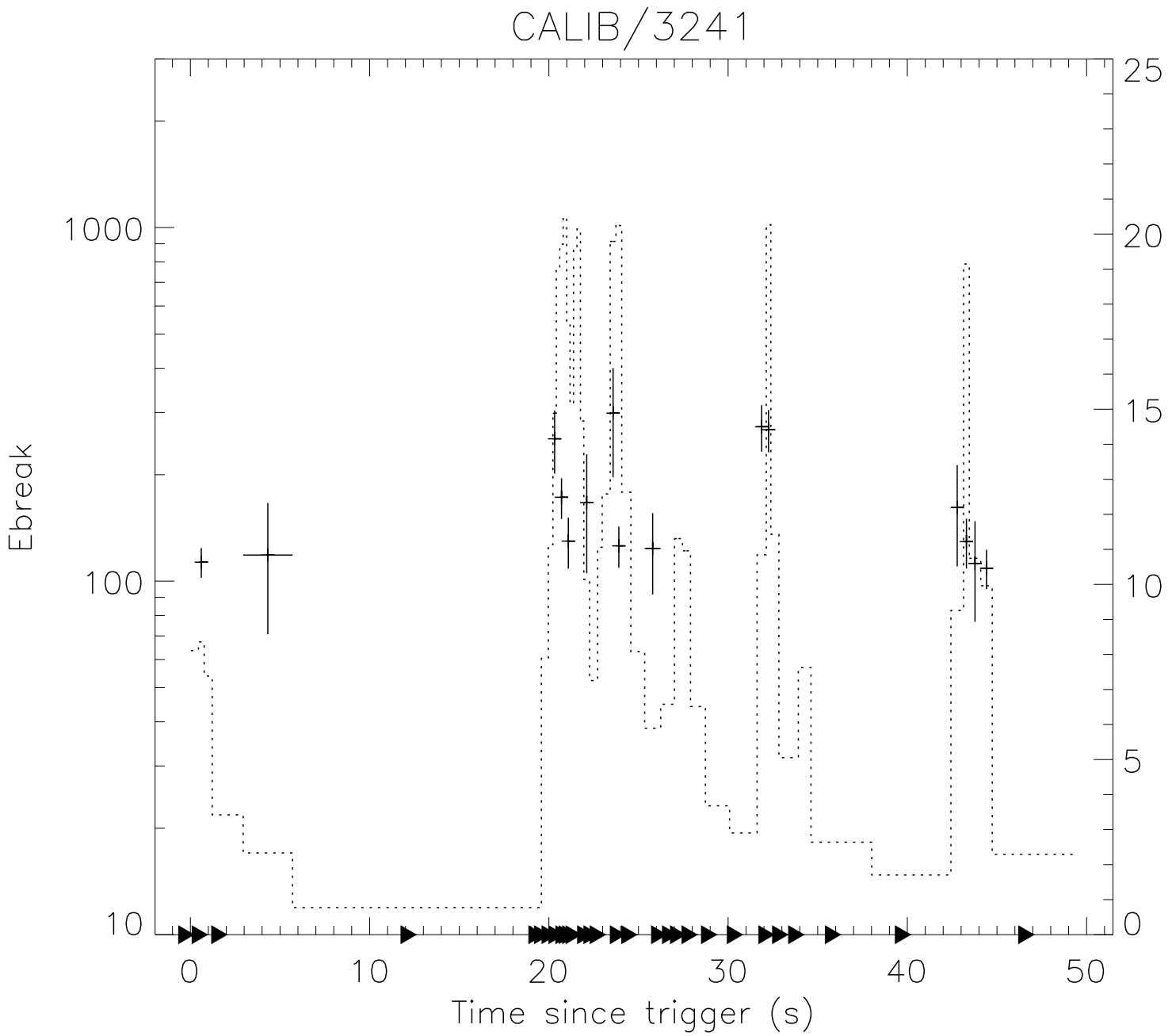

CALIB/1473
Ebreak
1000
100
10
60
50
40
30
20
10
0
0
5
10
15
20
25
30
Time since trigger (s)


CALIB/1983
Ebreak
1000
100
10
40
30
20
10
0
0
10
20
30
Time since trigger (s)


CALIB/2067
Ebreak
1000
100
10
40
30
20
10
0
15
20
25
30
Time since trigger (s)


CALIB/2083
Ebreak
1000
100
10
100
80
60
40
20
0
0
5
10
15
20
Time since trigger (s)


CALIB/2953
Ebreak
1000
100
10
40
30
20
10
0
0
5
10
15
Time since trigger (s)


CALIB/3241
Ebreak
1000
100
10
25
20
15
10
5
0
0
10
20
30
40
50
Time since trigger (s)