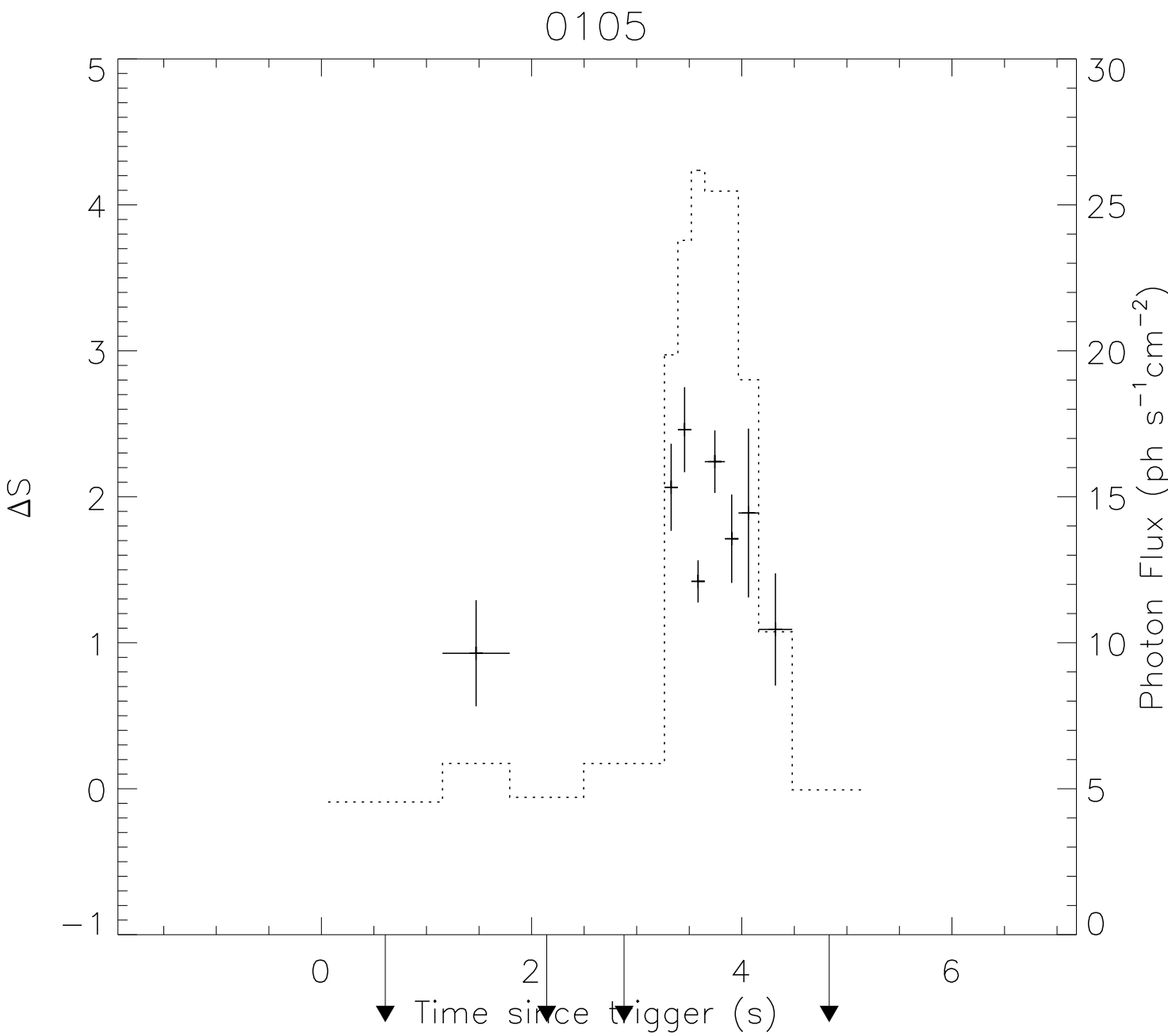
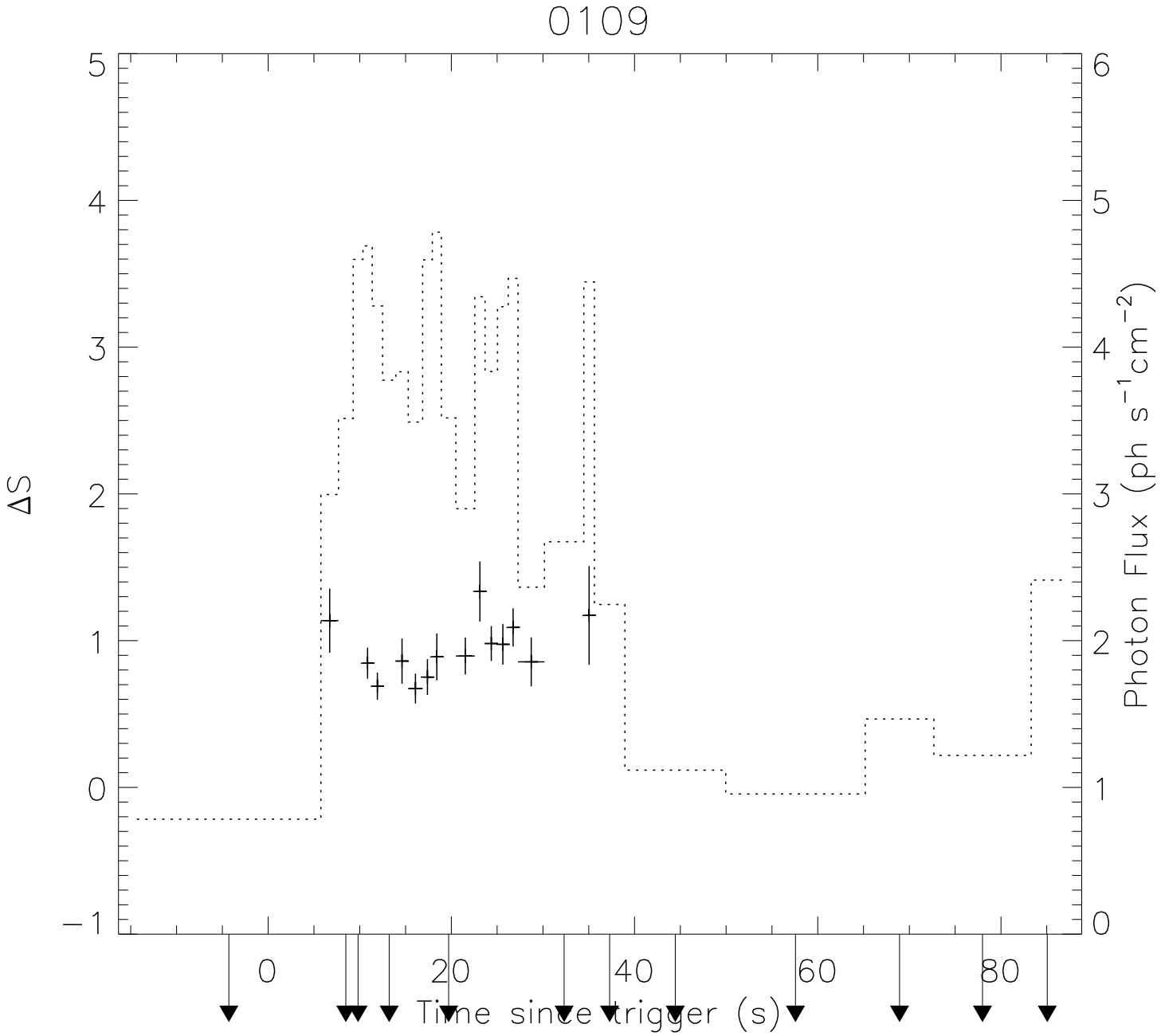
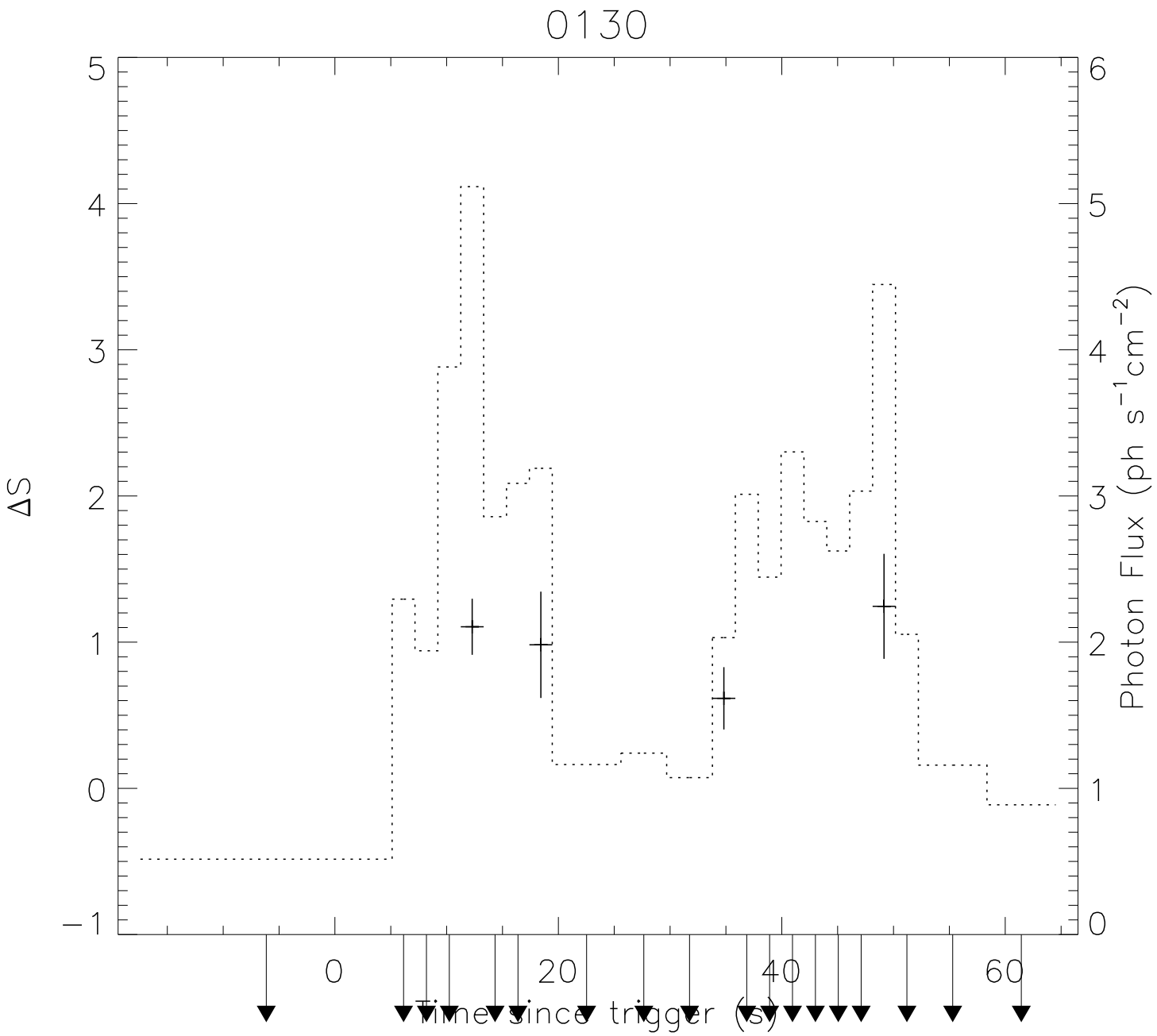
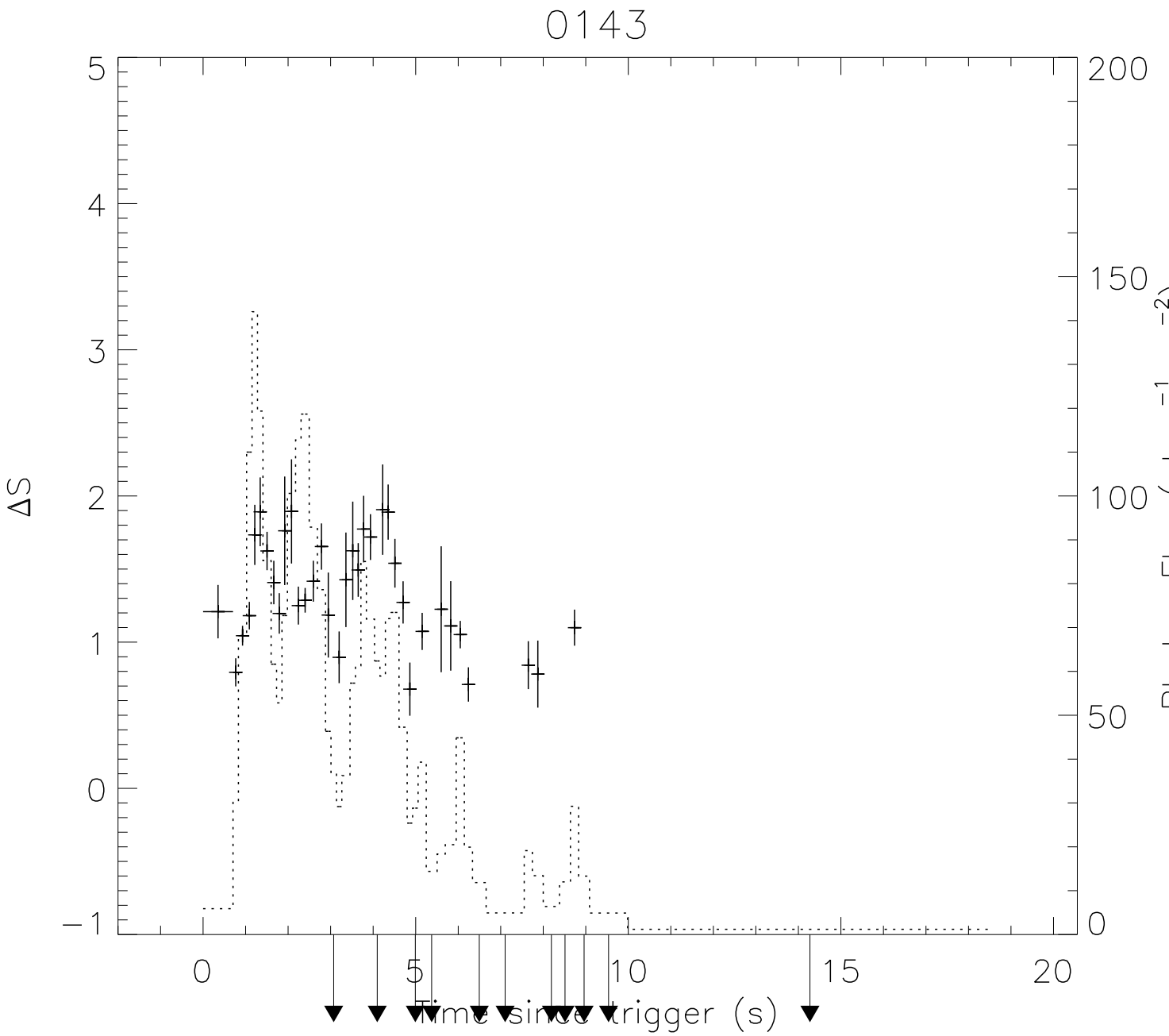
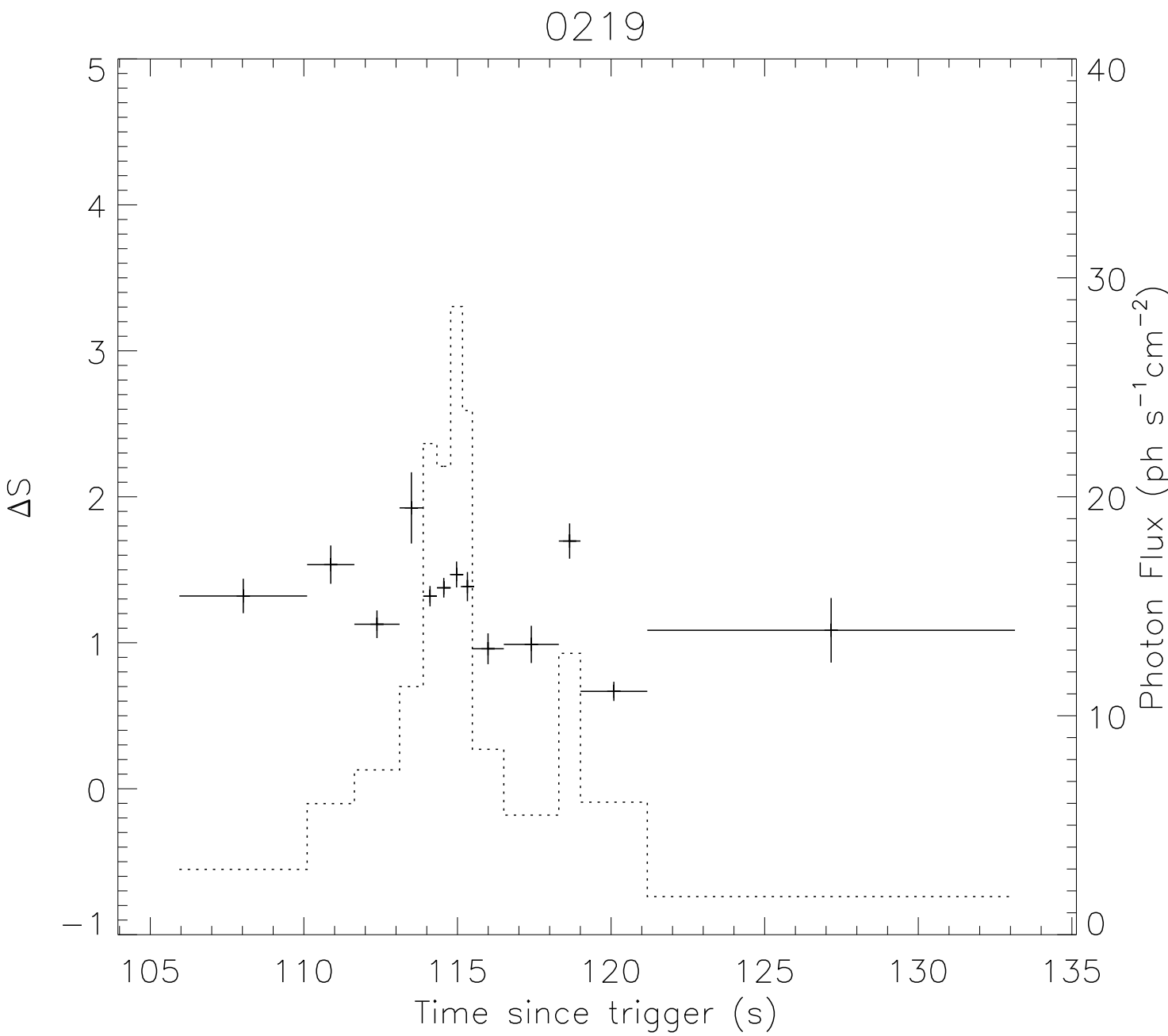
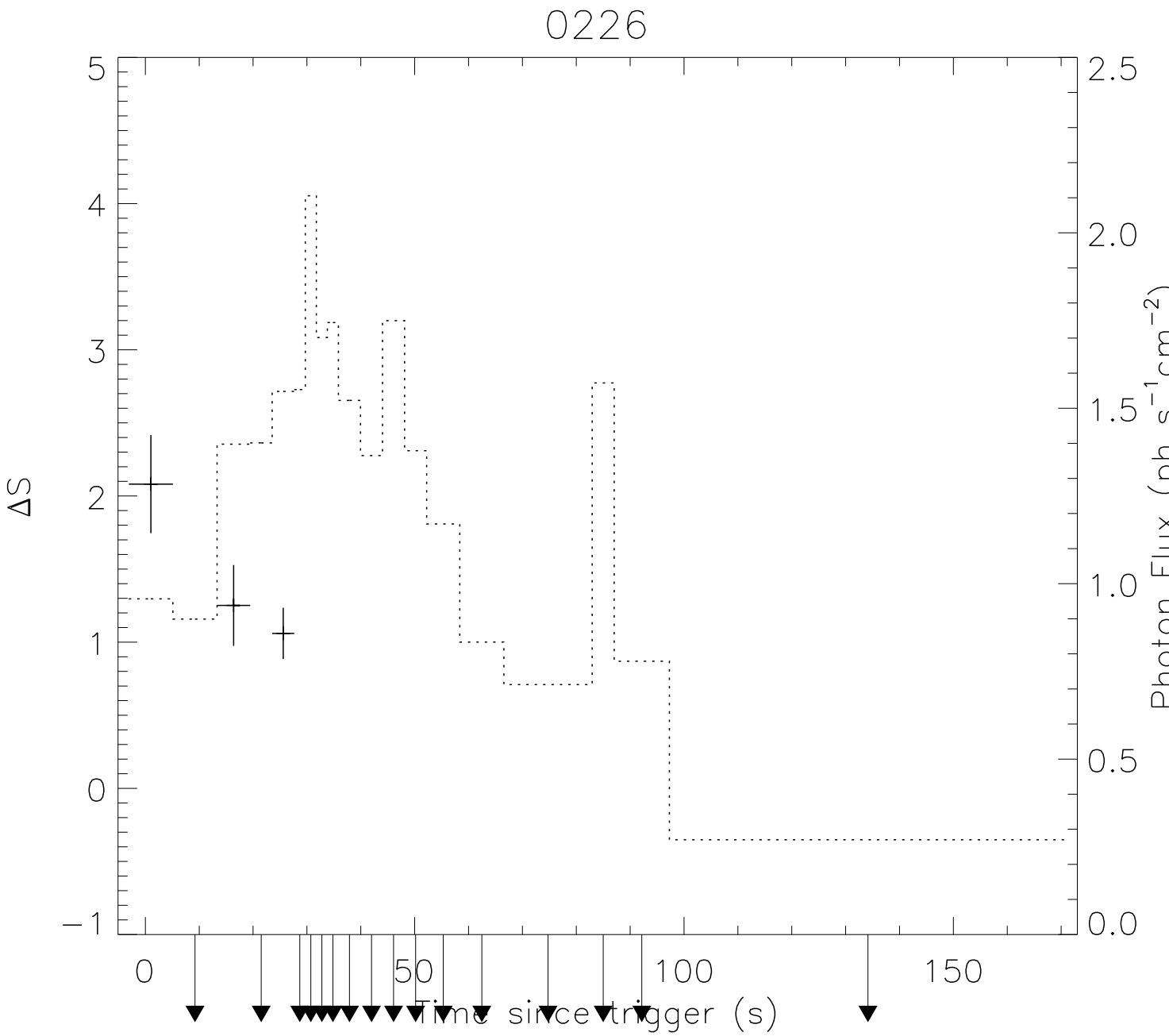

0105
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
2
4
6

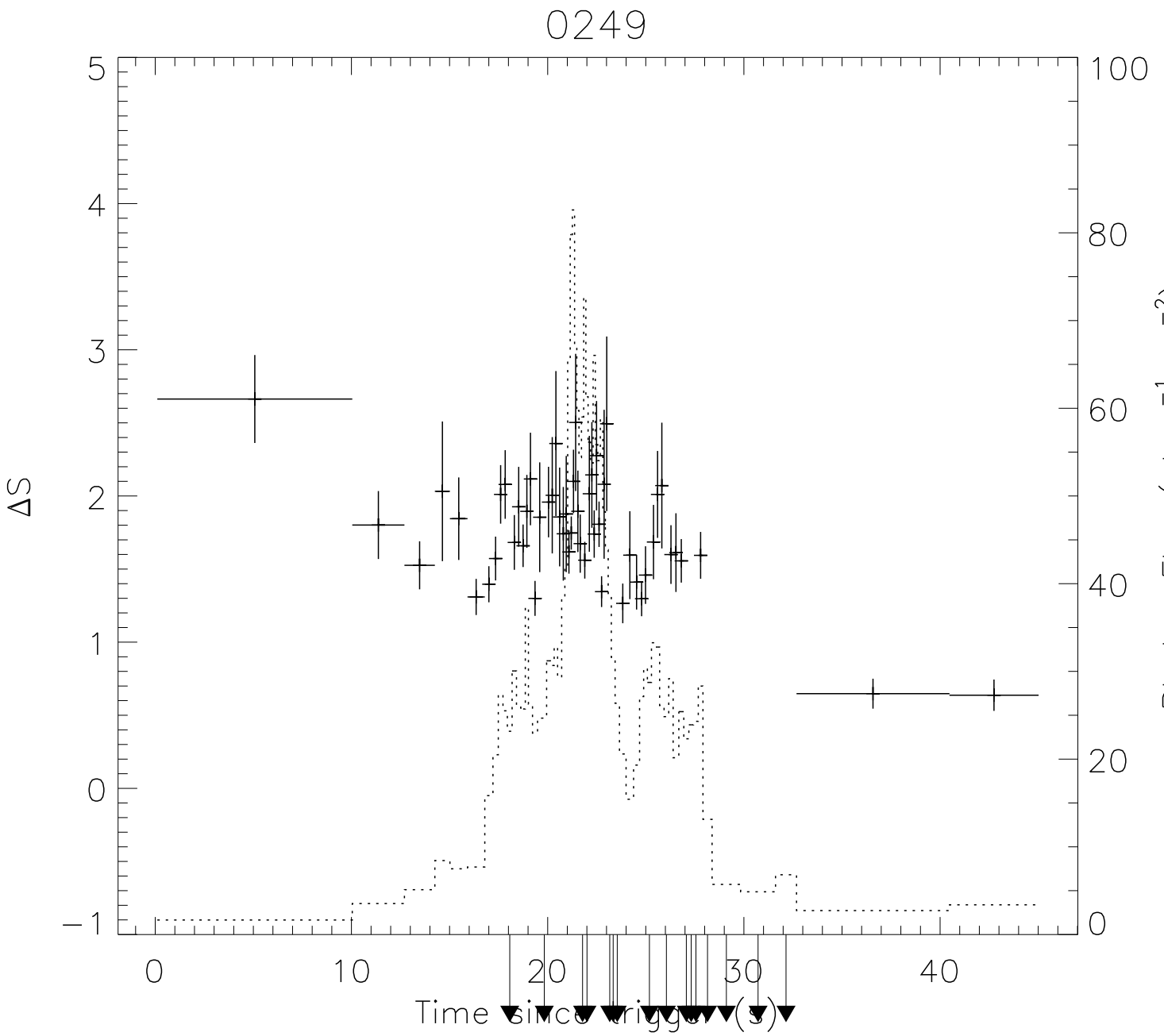

0109
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
6
5
4
3
2
1
0
0
20
40
60
80

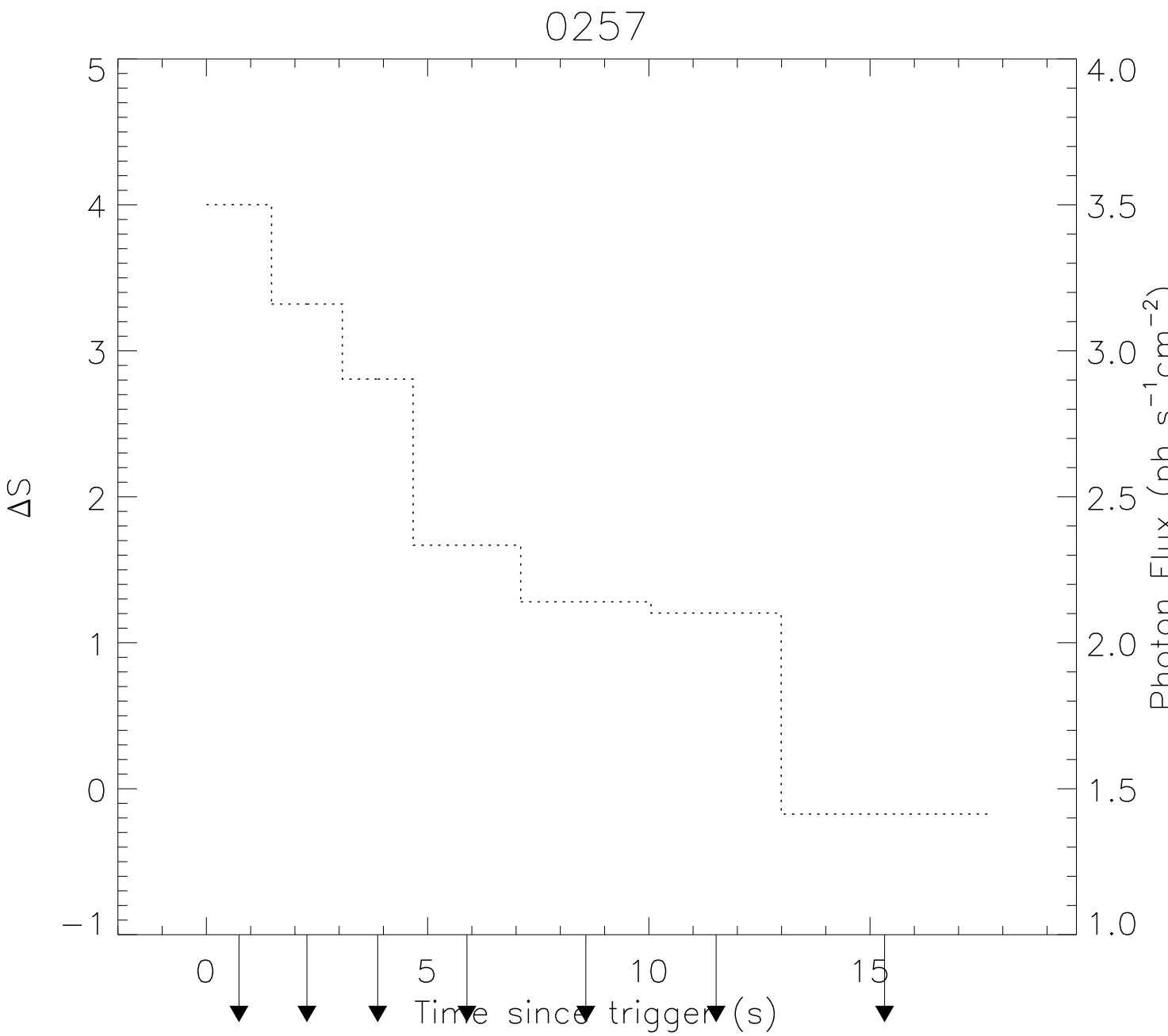

0130
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
6
5
4
3
2
1
0
0
20
40
60

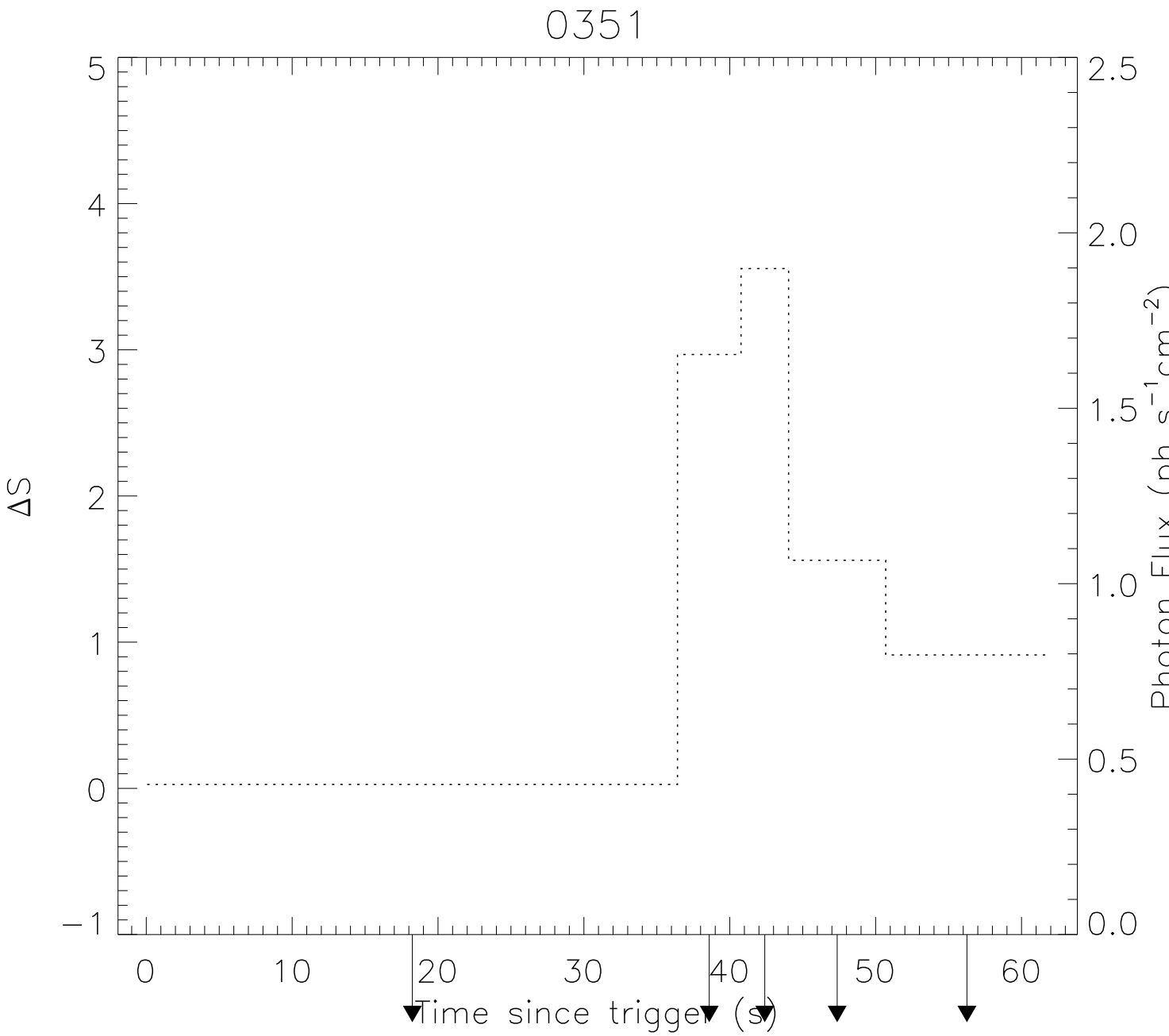

0143
ΔS
Time since trigger (s)
0
5
10
15
20
−1
0
1
2
3
4
5
0
50
100
150
200

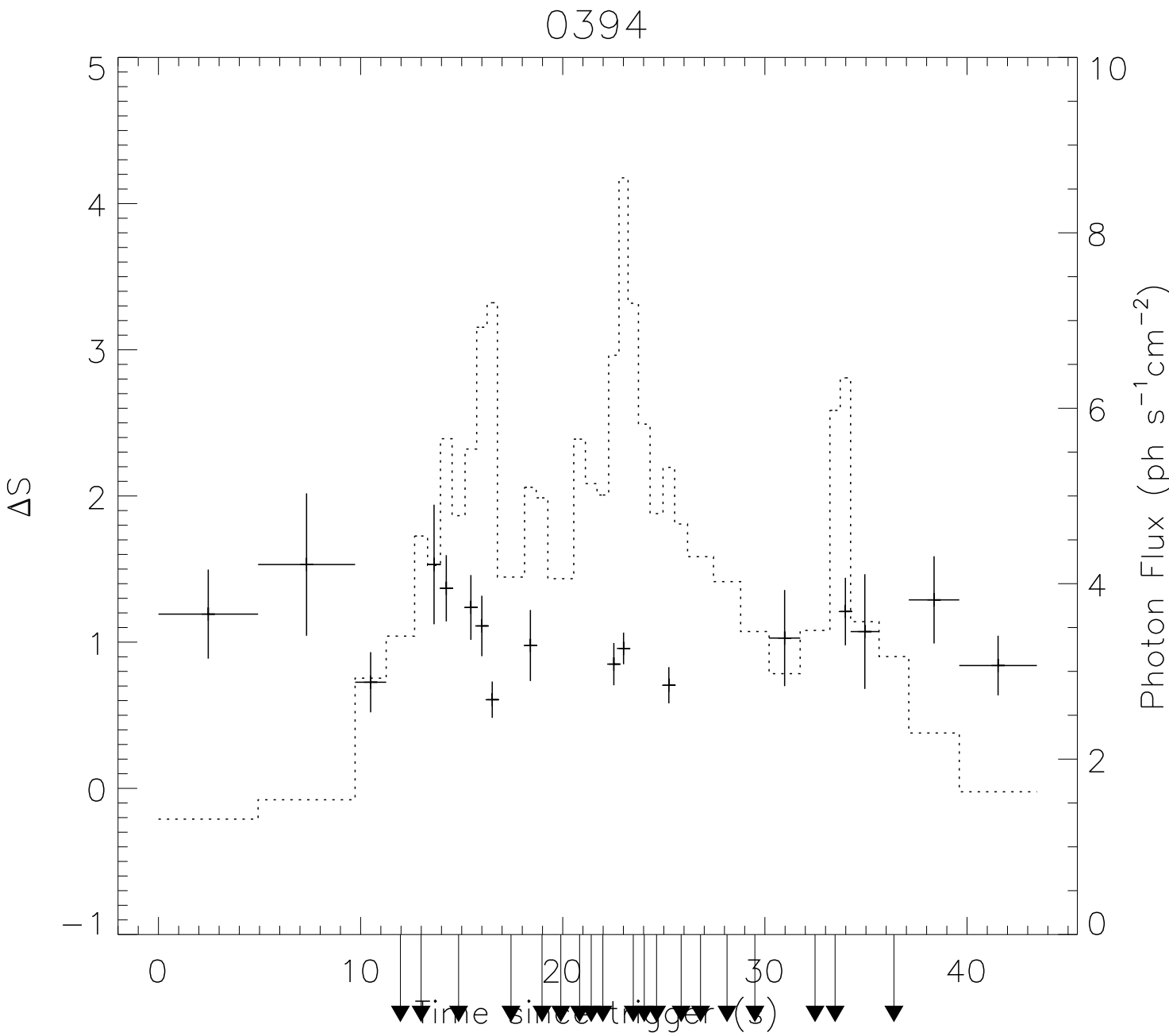

0219
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
105
110
115
120
125
130
135

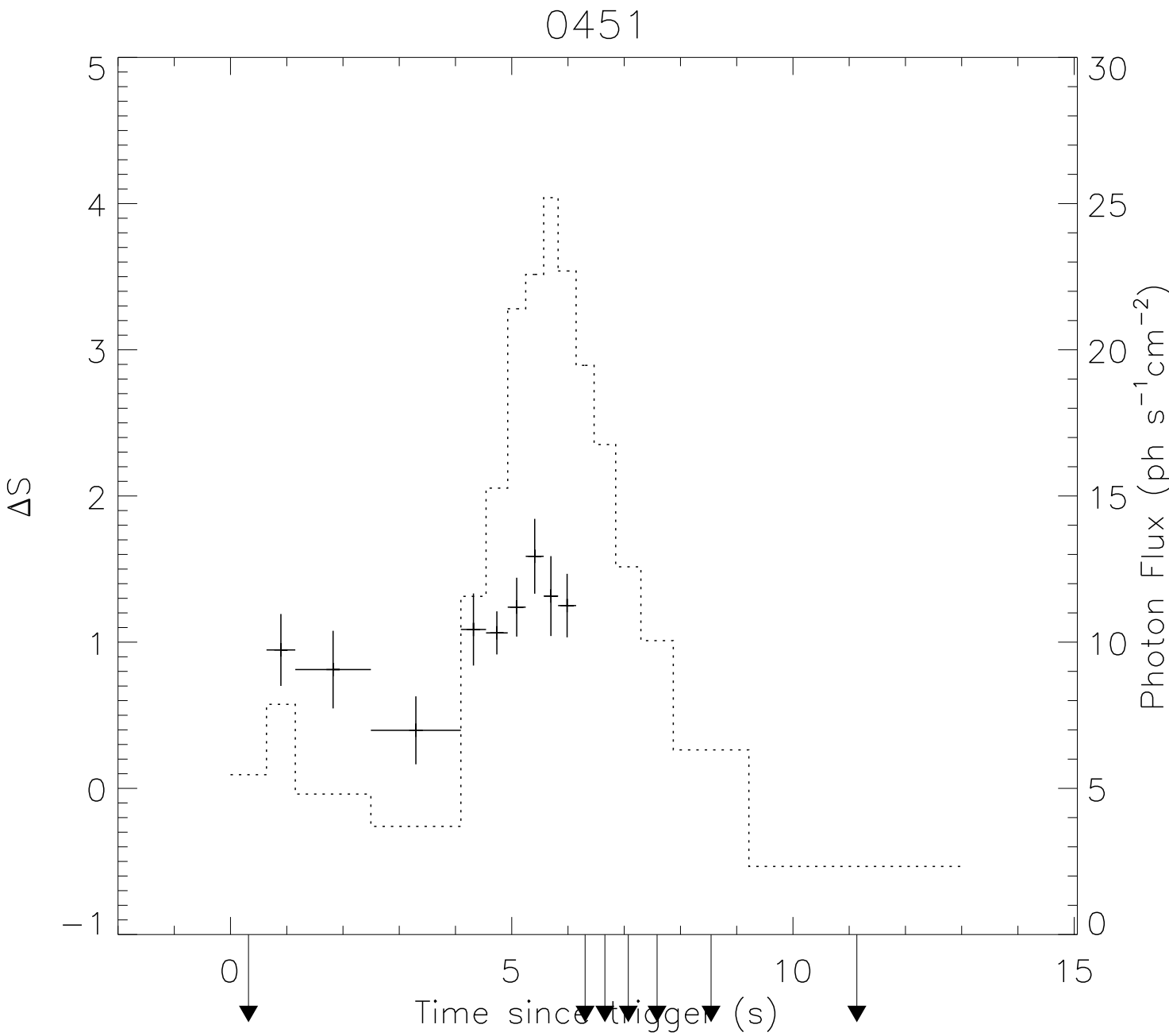

0226
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150

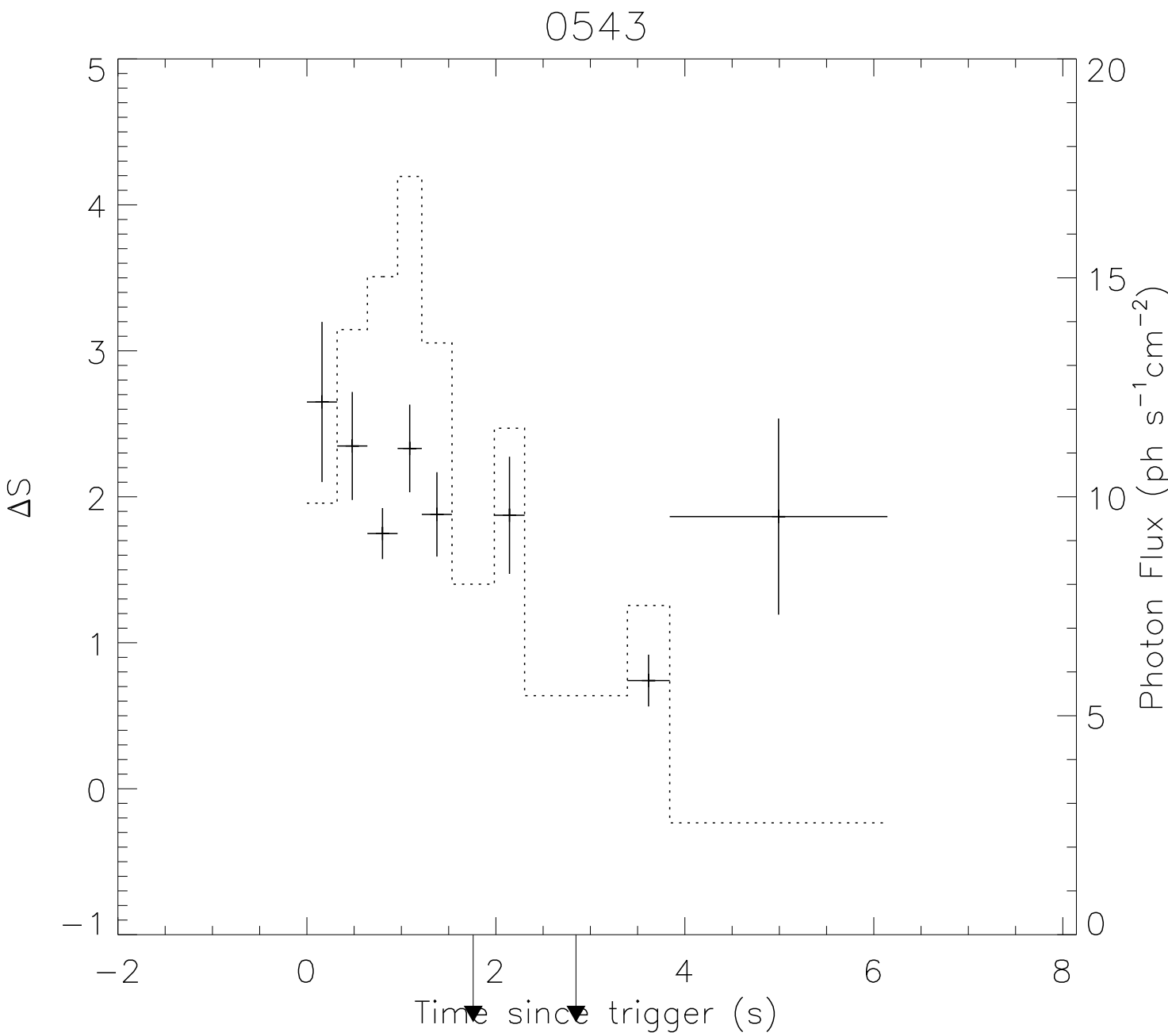

0249
ΔS
Time since trigger (s)
0
10
20
30
40
−1
0
1
2
3
4
5
0
20
40
60
80
100

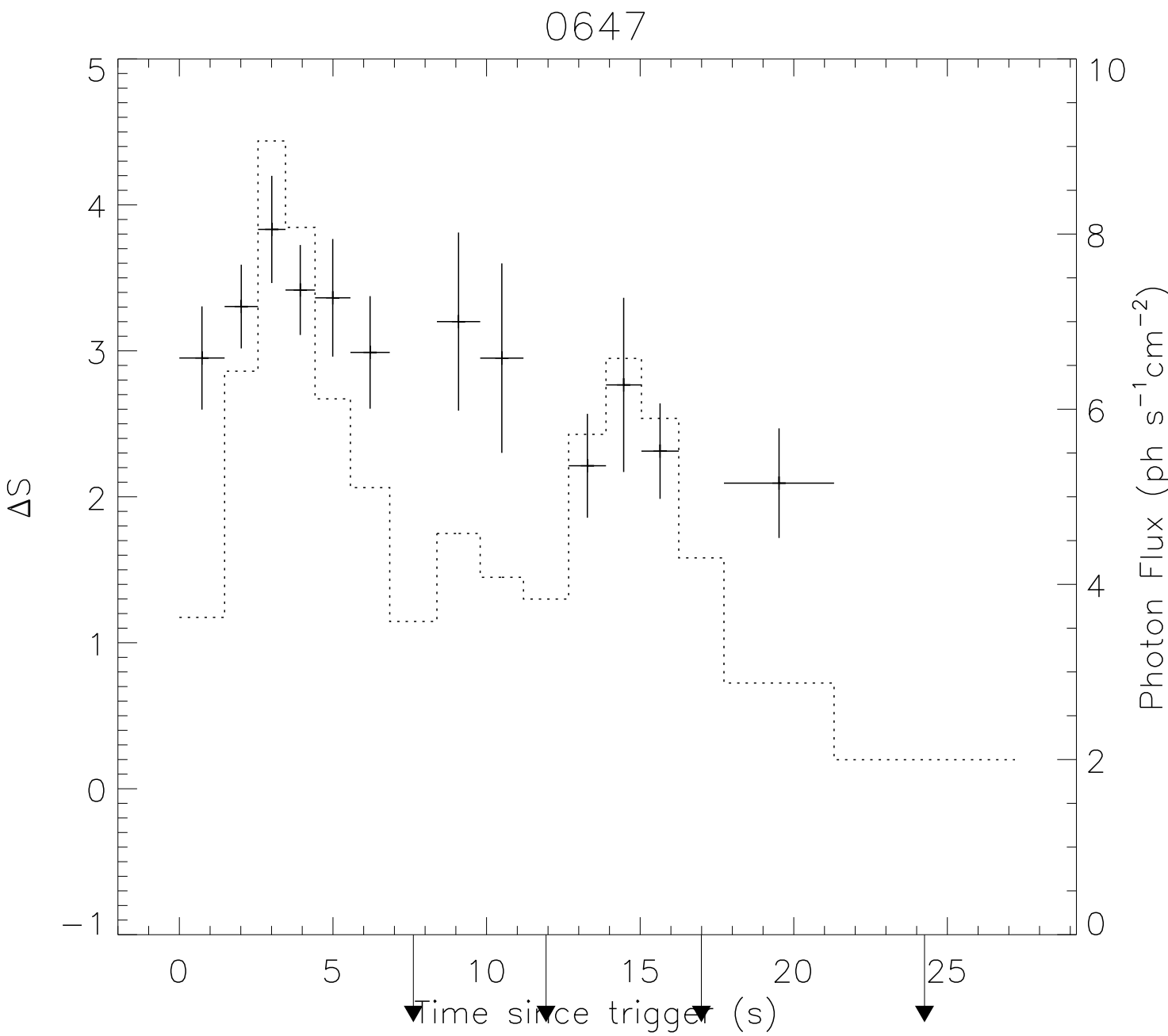

0257
5
4
3
2
1
0
−1
ΔS
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
5
10
15
Time since trigger (s)

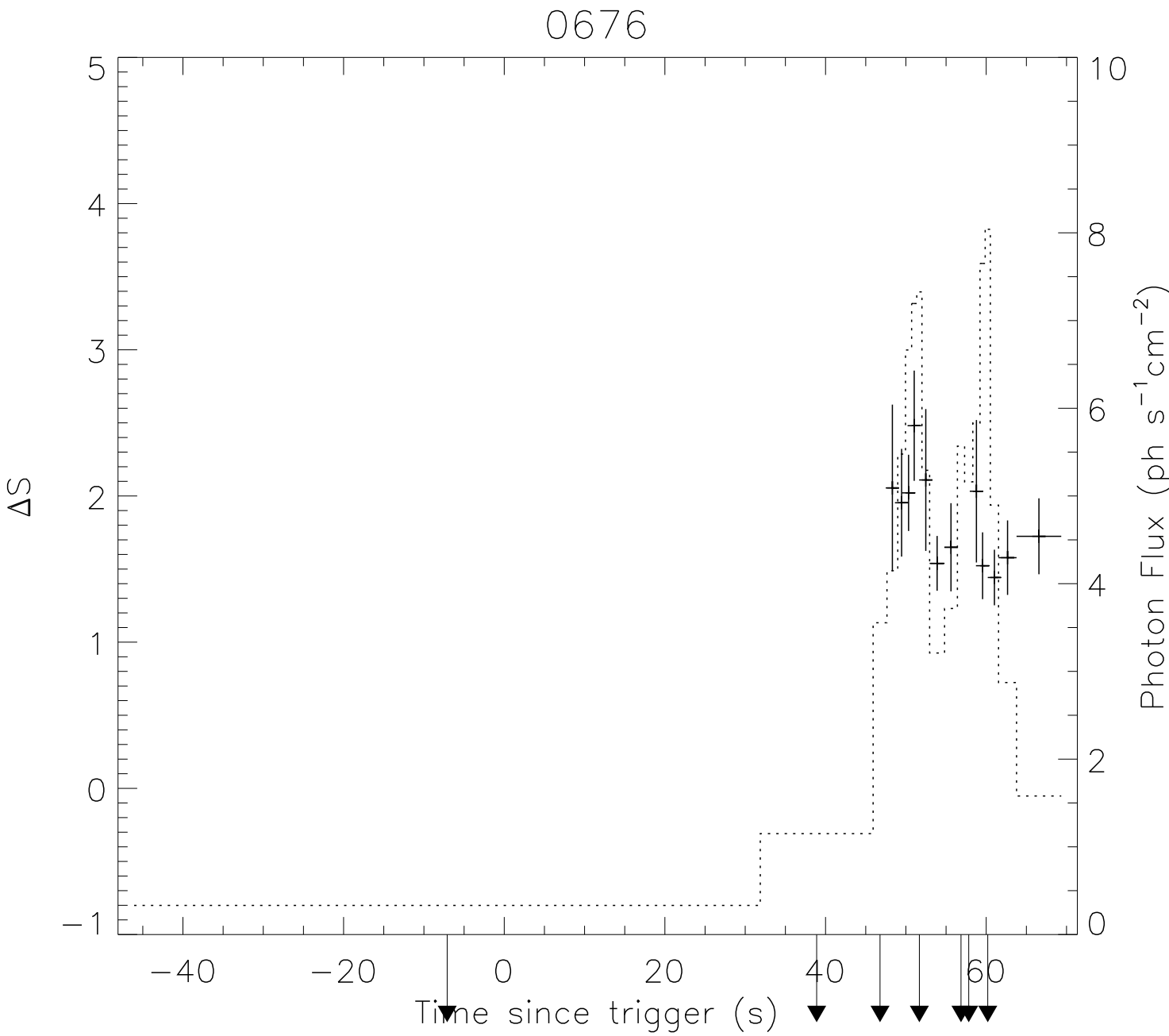

0351
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
2.5
2.0
1.5
1.0
0.5
0.0
0
10
20
30
40
50
60

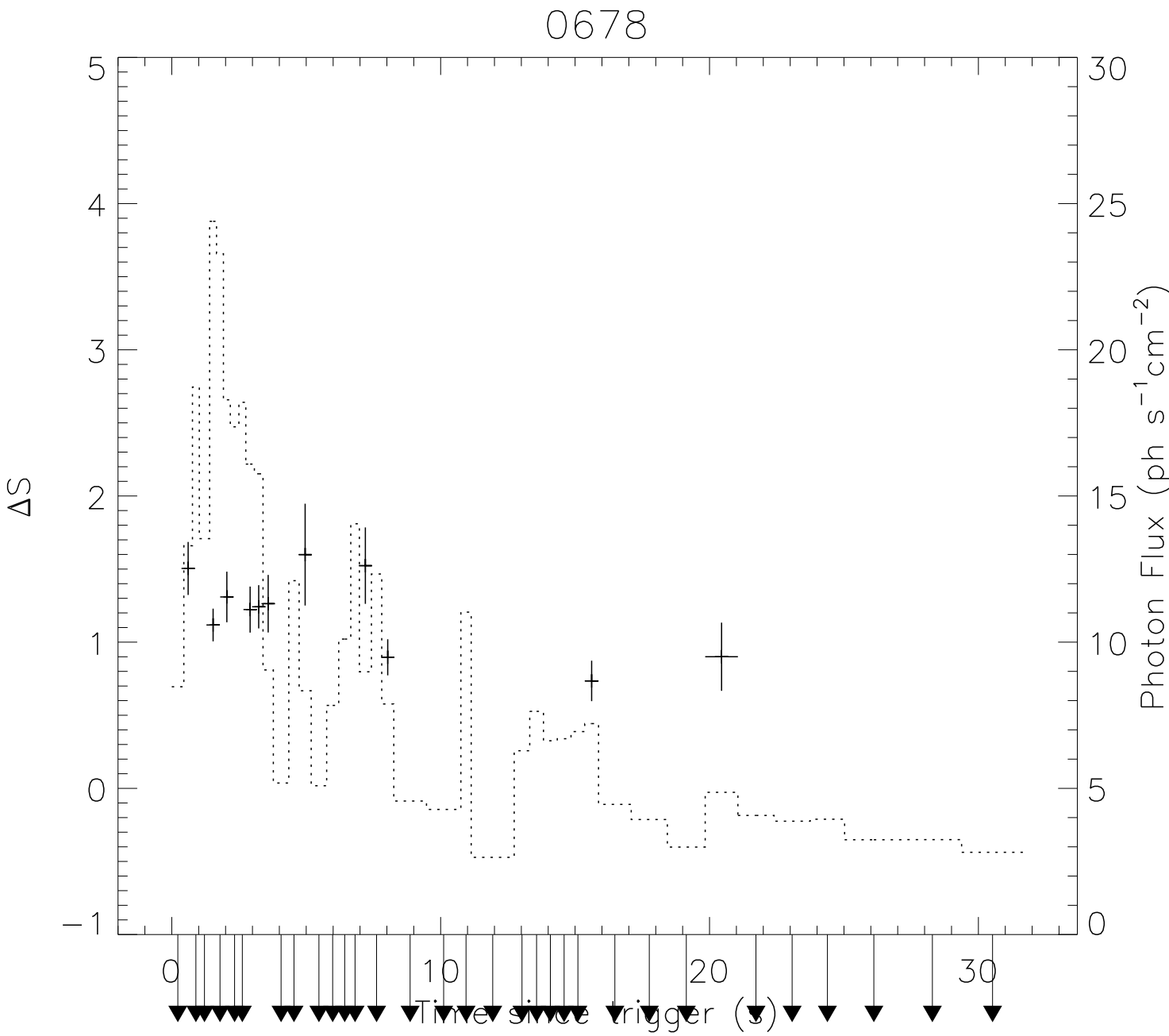

0394
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
−1
0
1
2
3
4
5
0
2
4
6
8
10

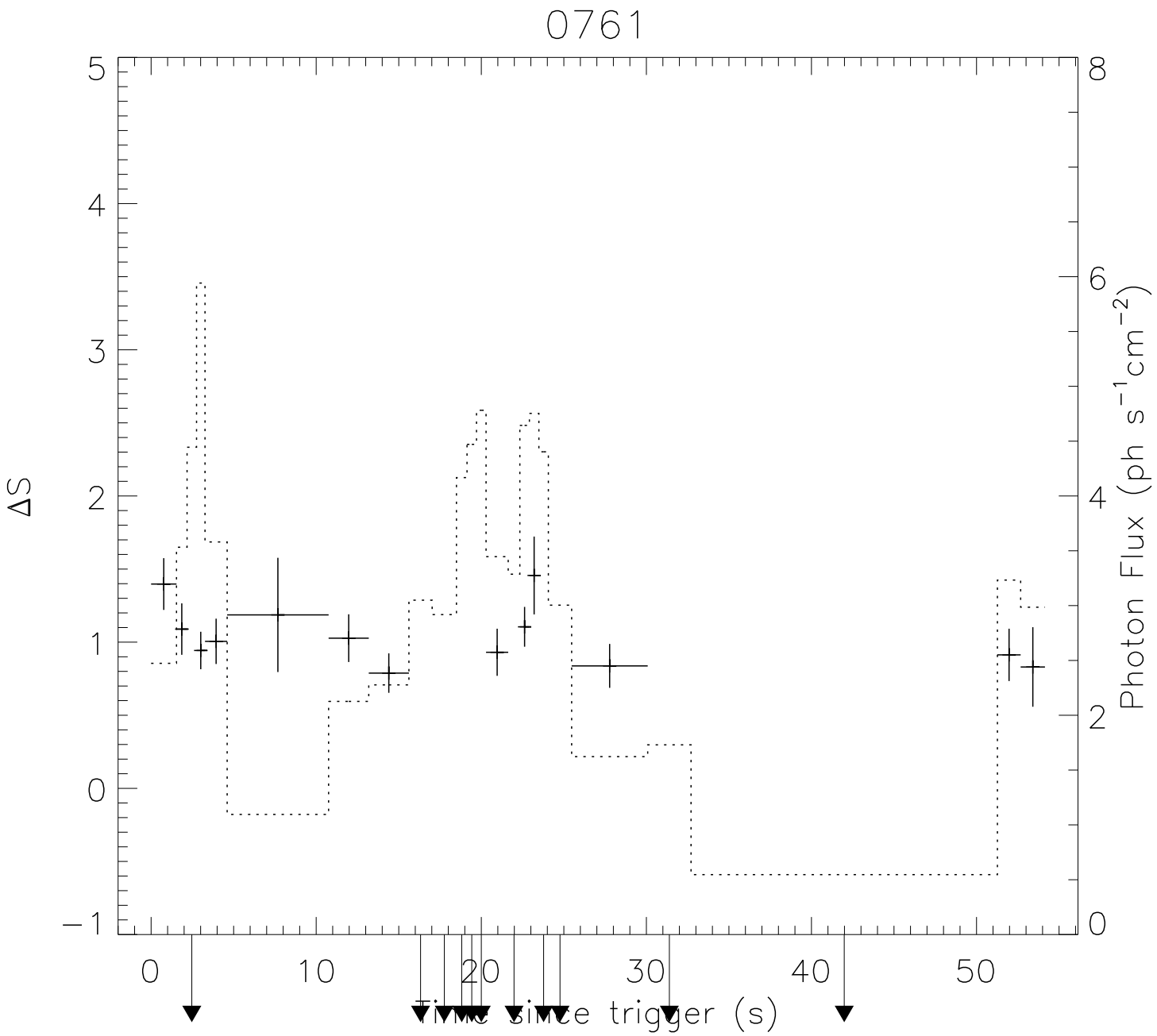

0451
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
5
10
15

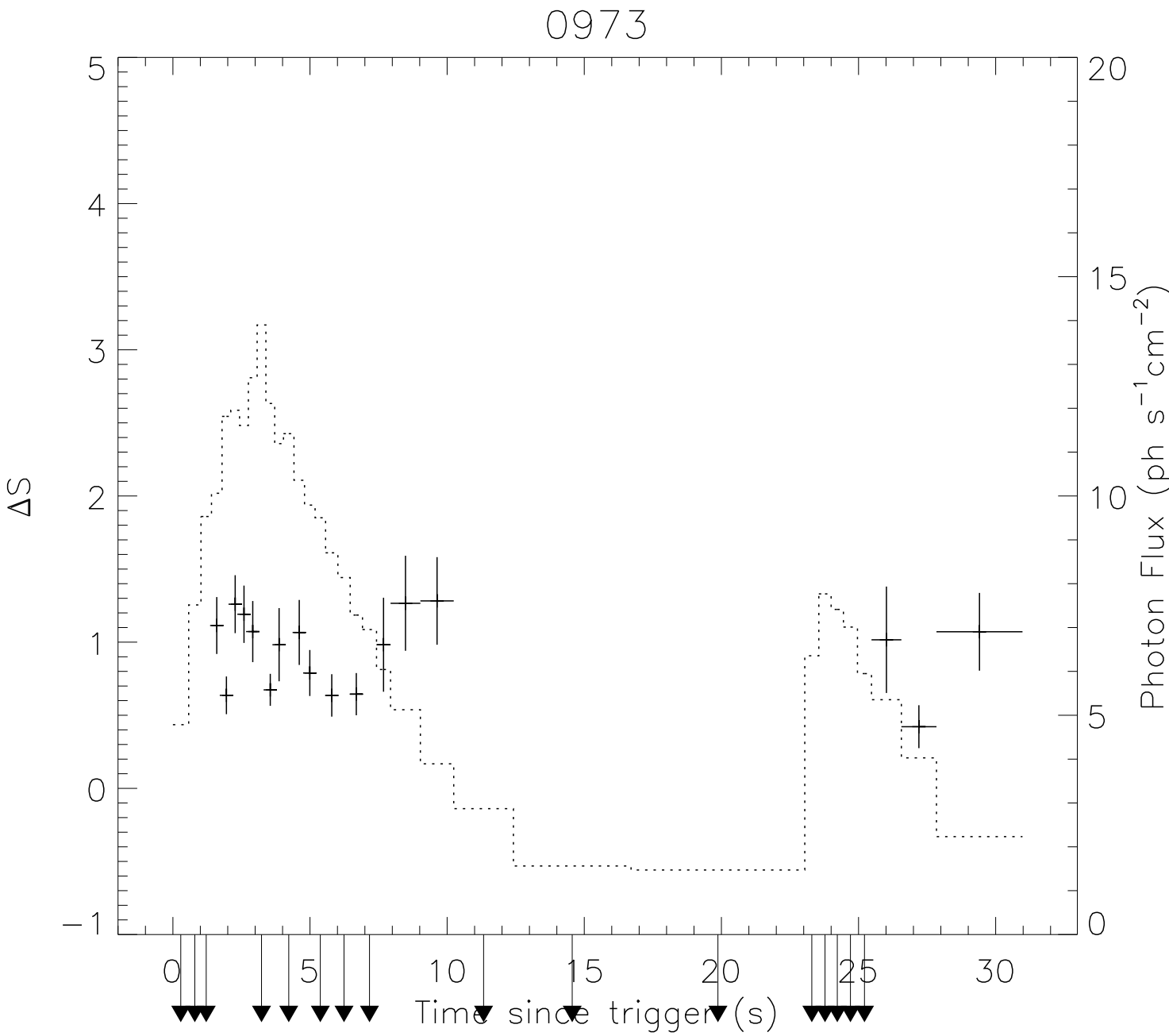

0543
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
−2
0
2
4
6
8

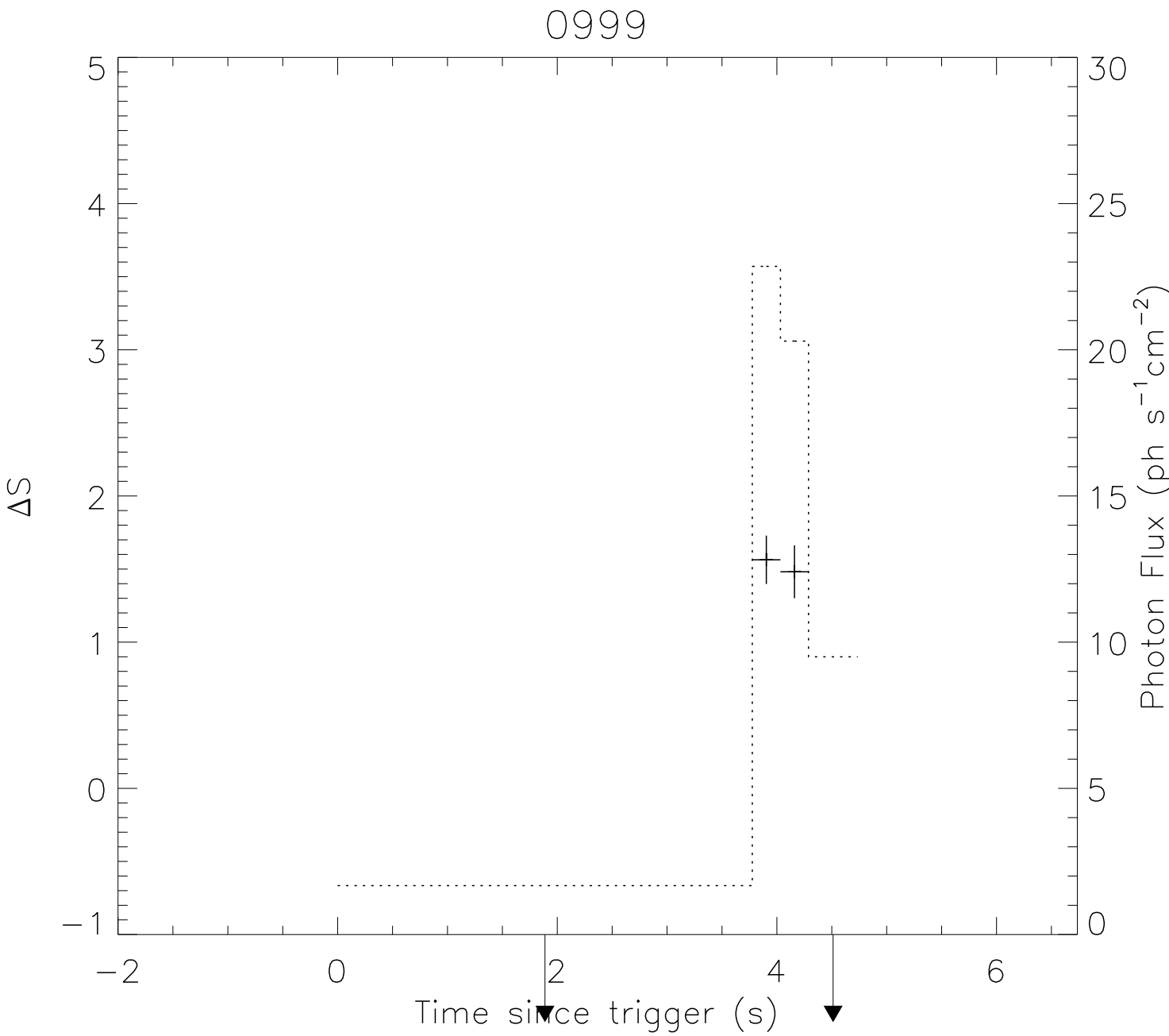

0647
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
10
8
6
4
2
0
0
5
10
15
20
25

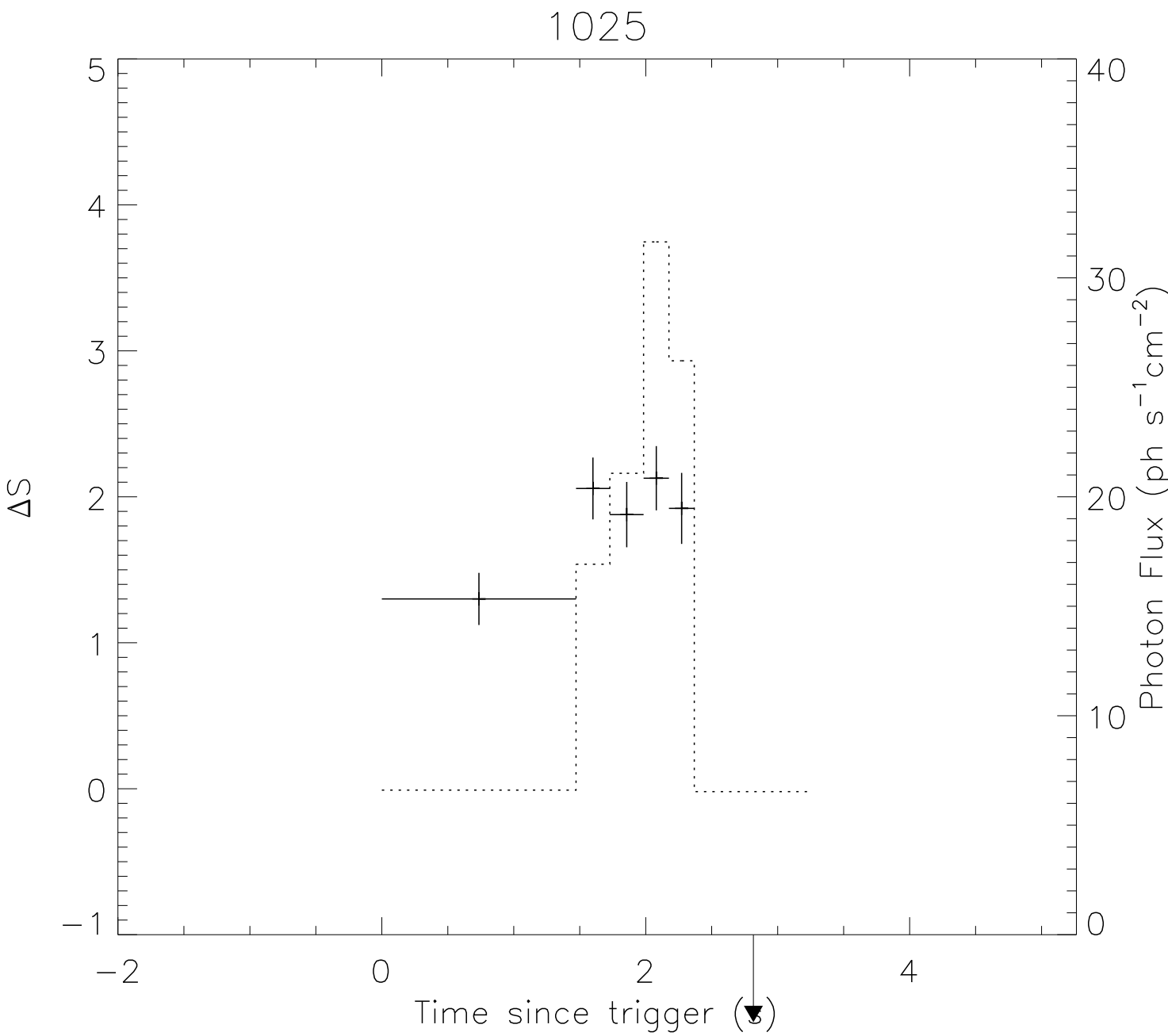

0676
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
−40
−20
0
20
40
60
−1
0
1
2
3
4
5
0
2
4
6
8
10

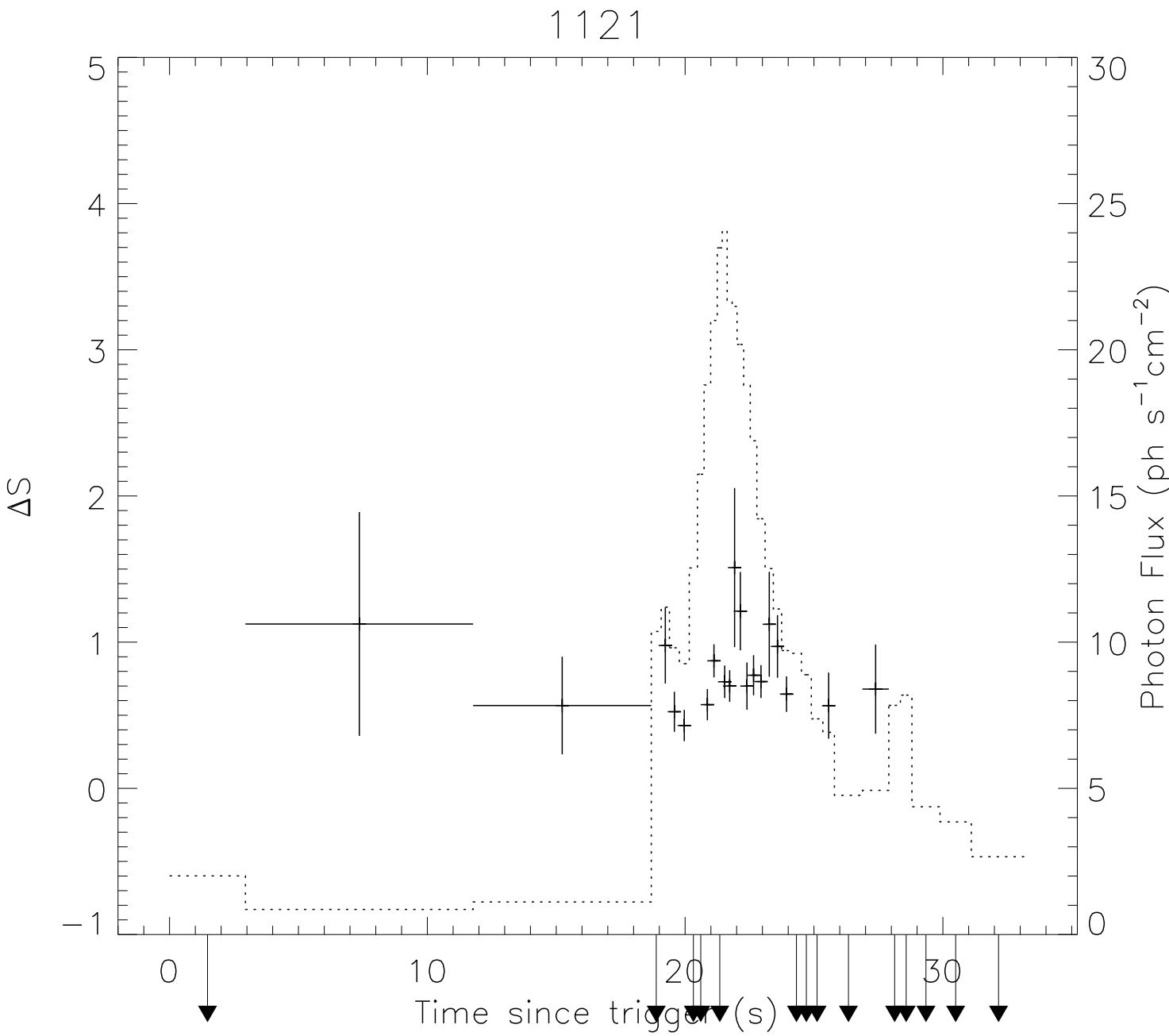

0678
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
10
20
30

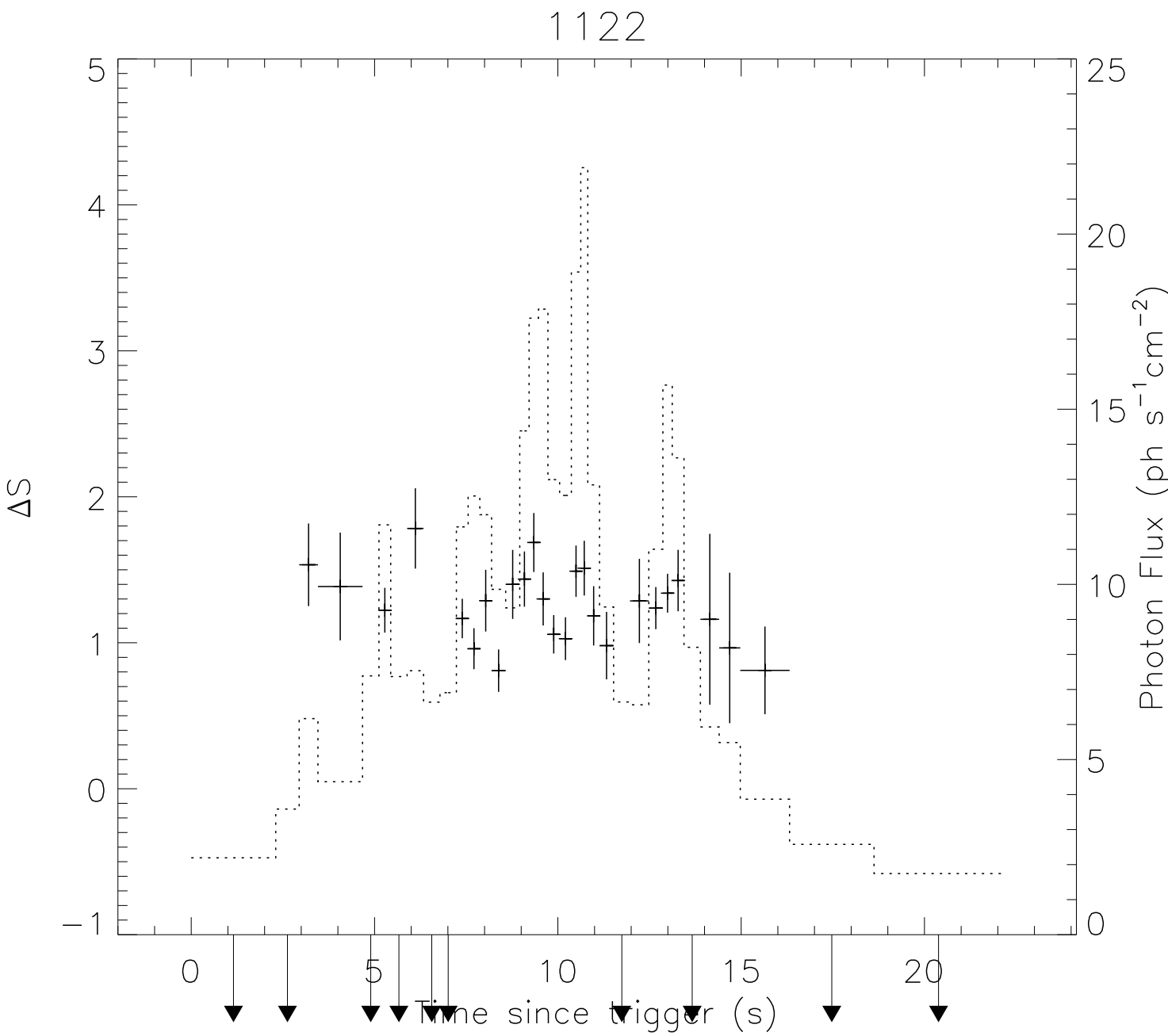

0761
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
10
20
30
40
50

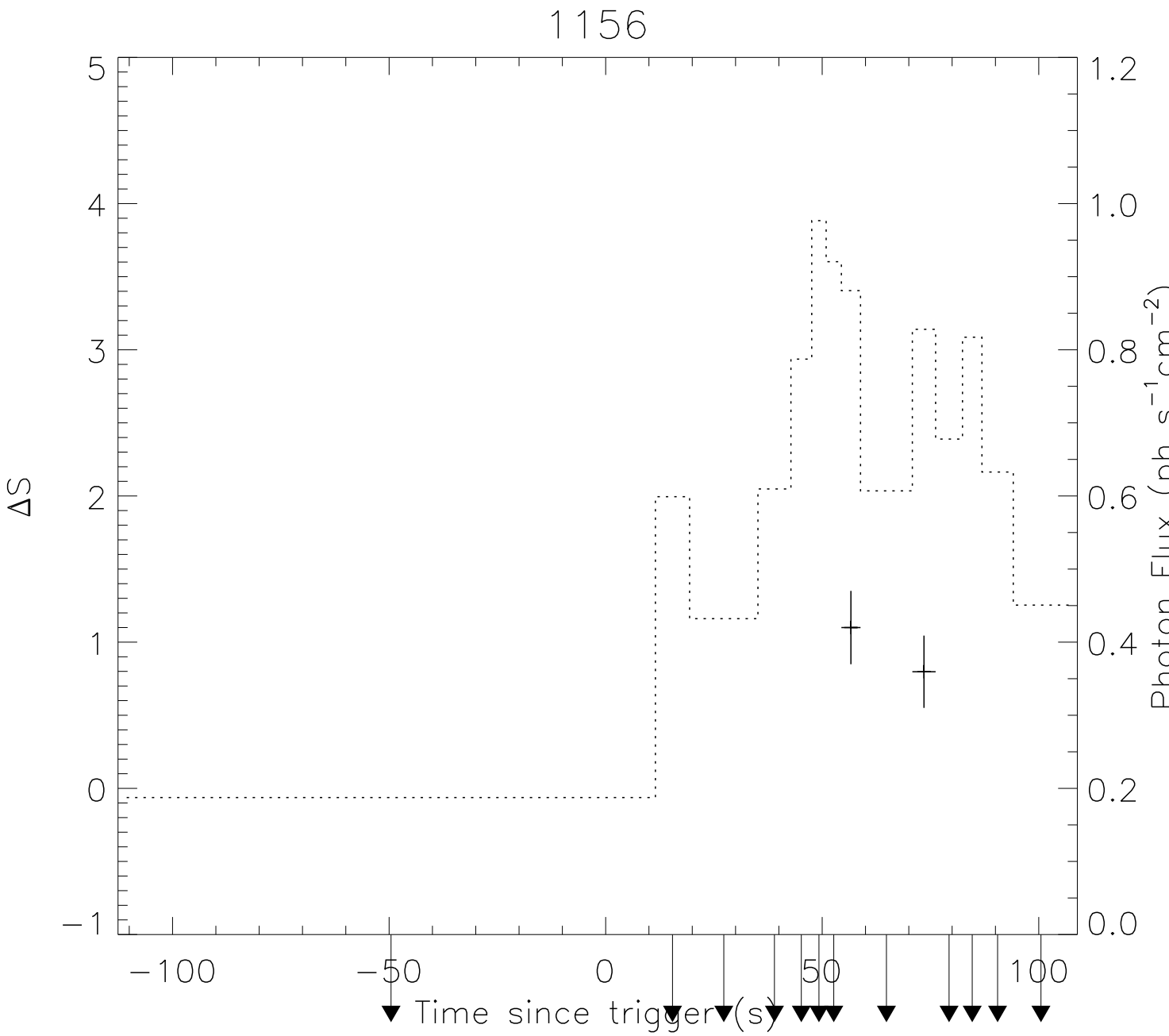

0973
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
5
10
15
20
25
30

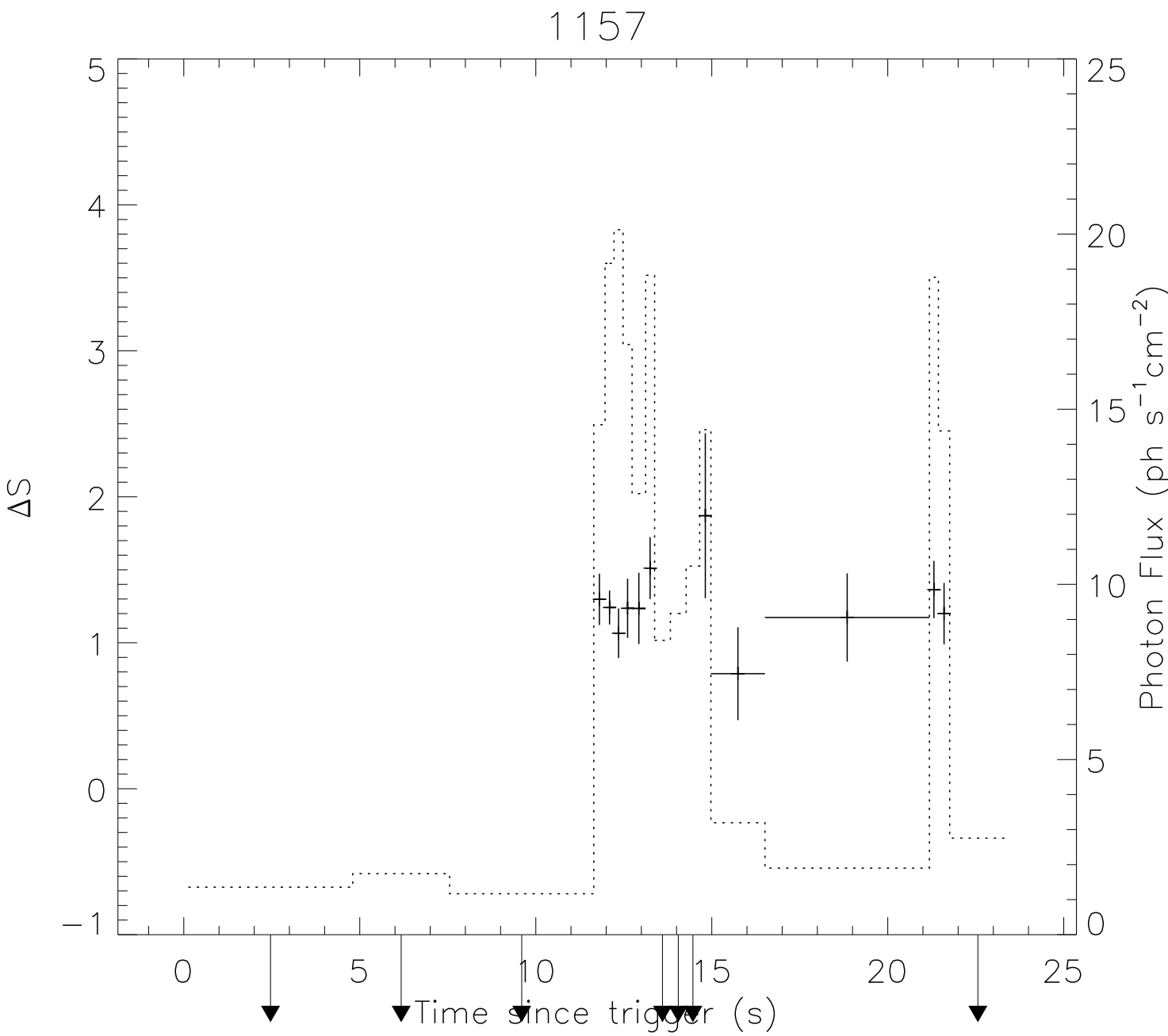

0999
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
−2
0
2
4
6

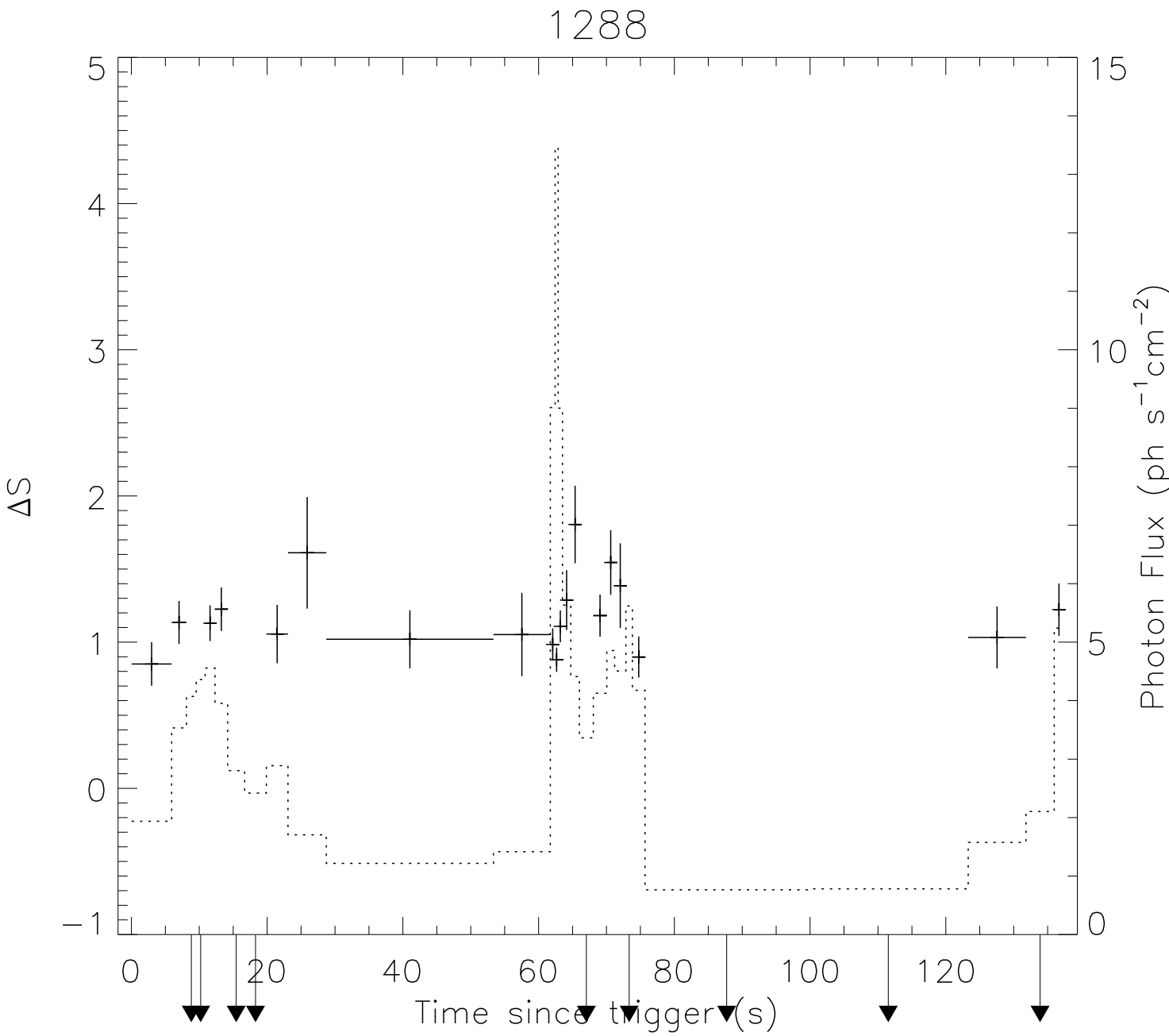

1025
5
4
3
2
1
0
−1
ΔS
40
30
20
10
0
Photon Flux (ph s^{-1}cm^{-2})
−2
0
2
4
Time since trigger (s)

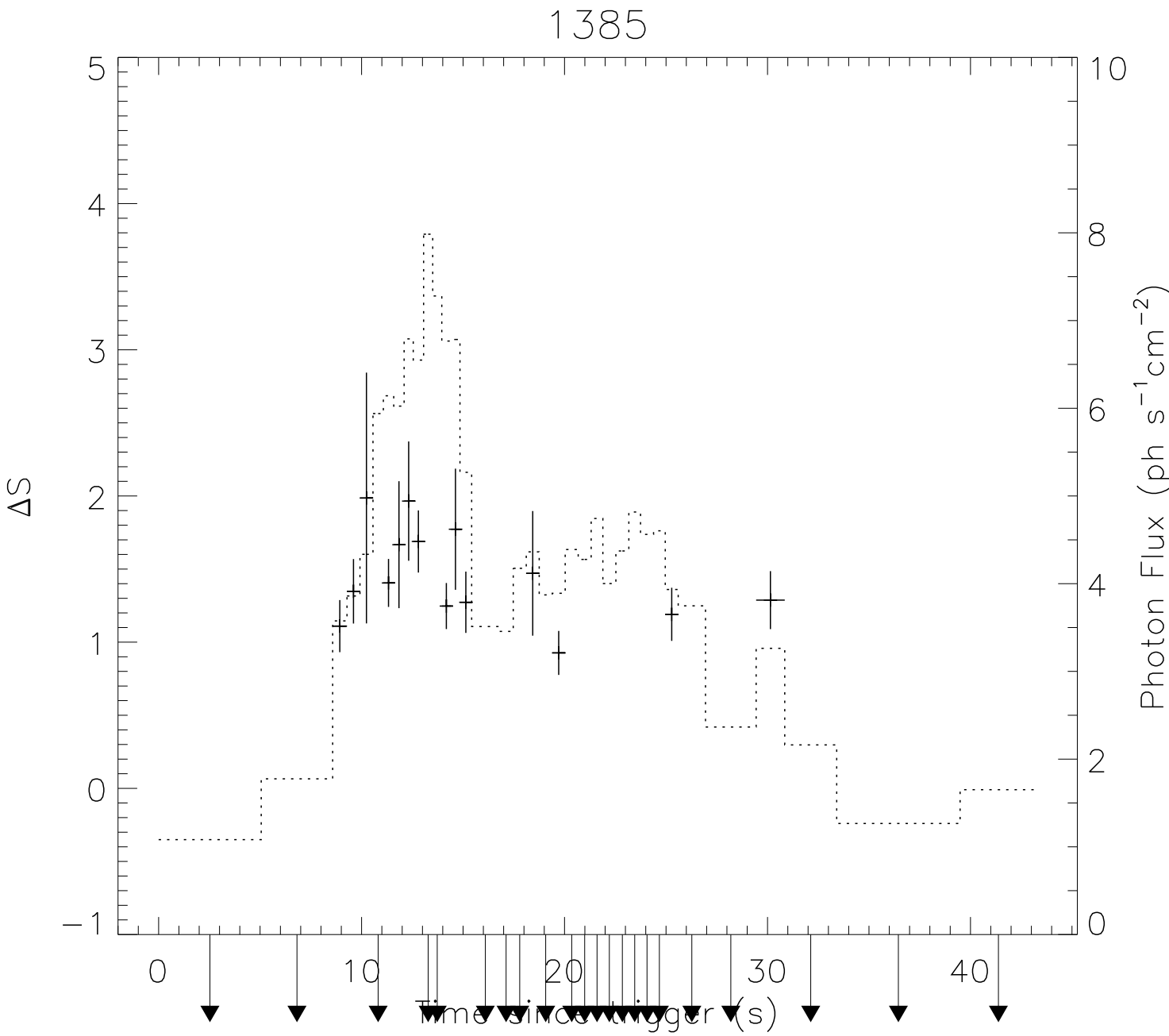

1121
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
10
20
30

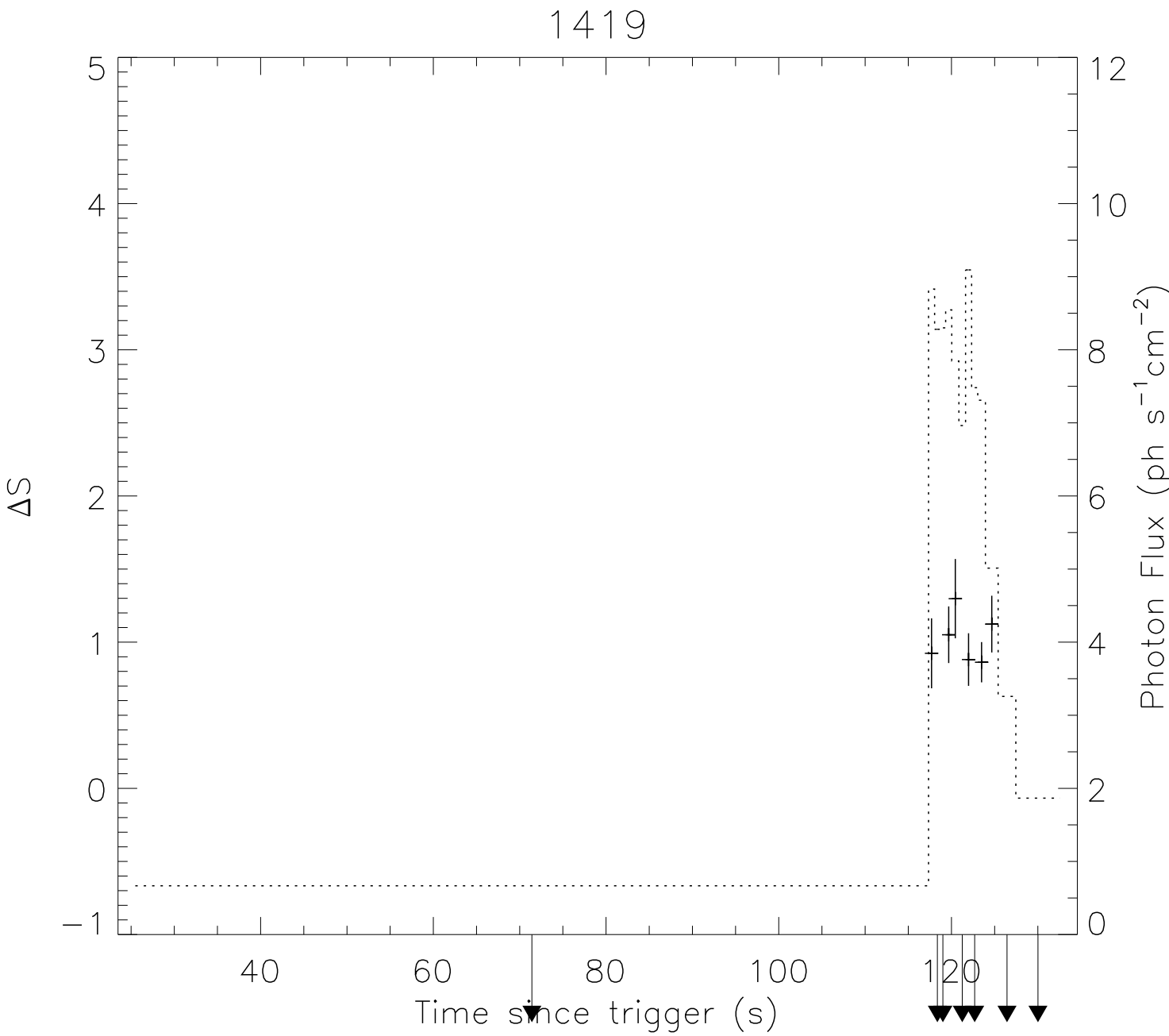

1122
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
5
10
15
20

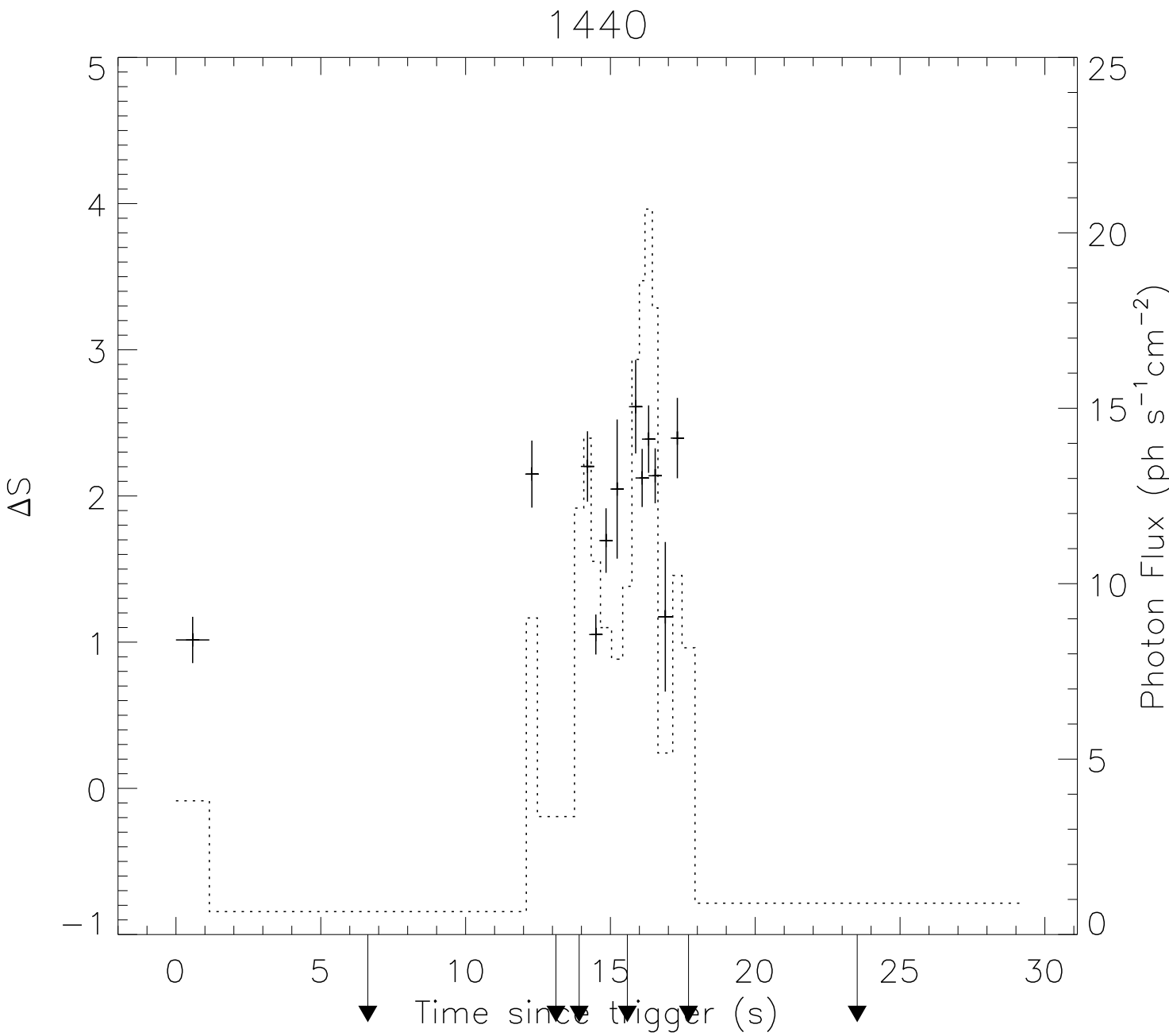

1156
ΔS
Time since trigger (s)
−100
−50
0
50
100
−1
0
1
2
3
4
5
0.0
0.2
0.4
0.6
0.8
1.0
1.2

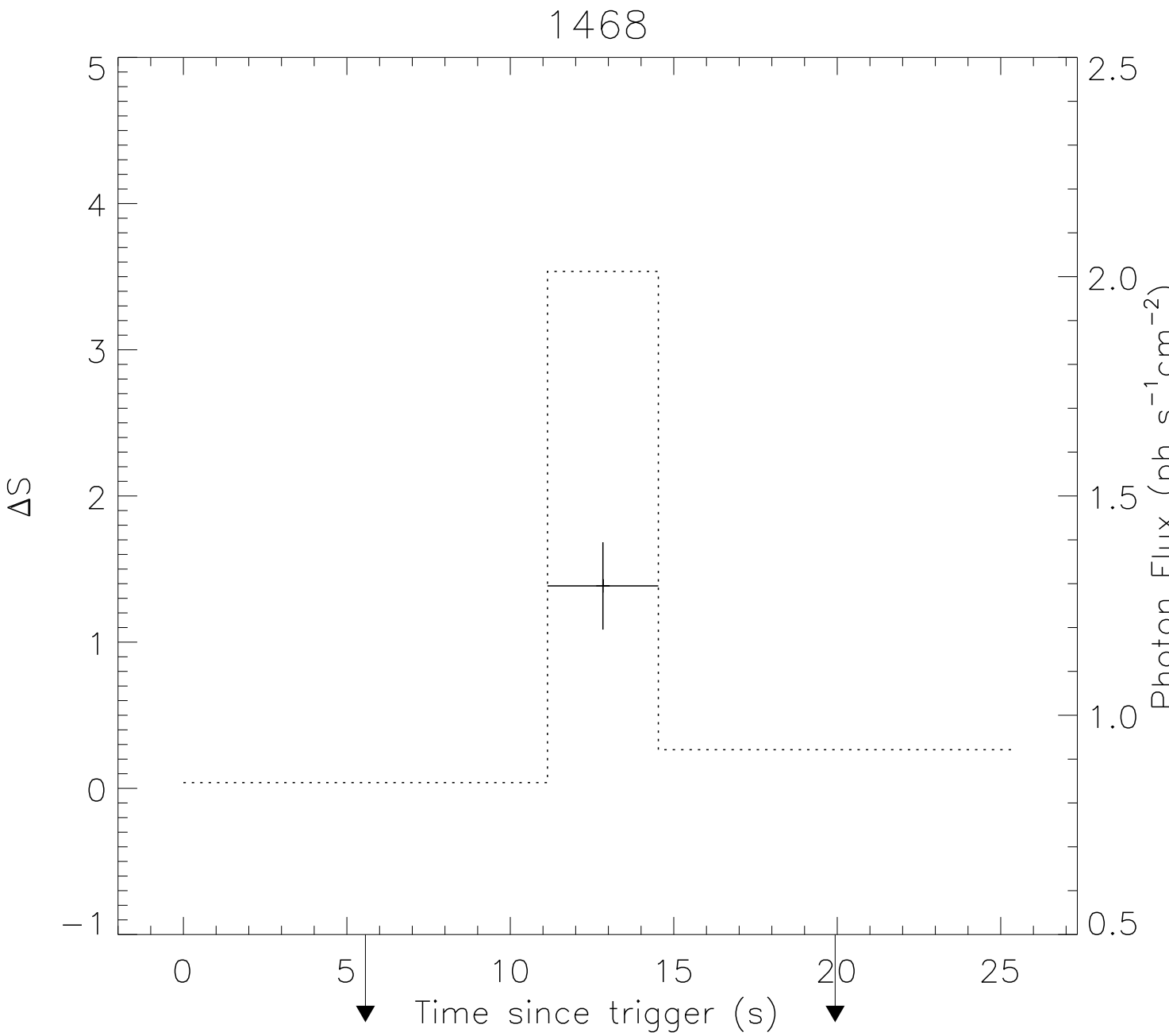

1157
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
5
10
15
20
25

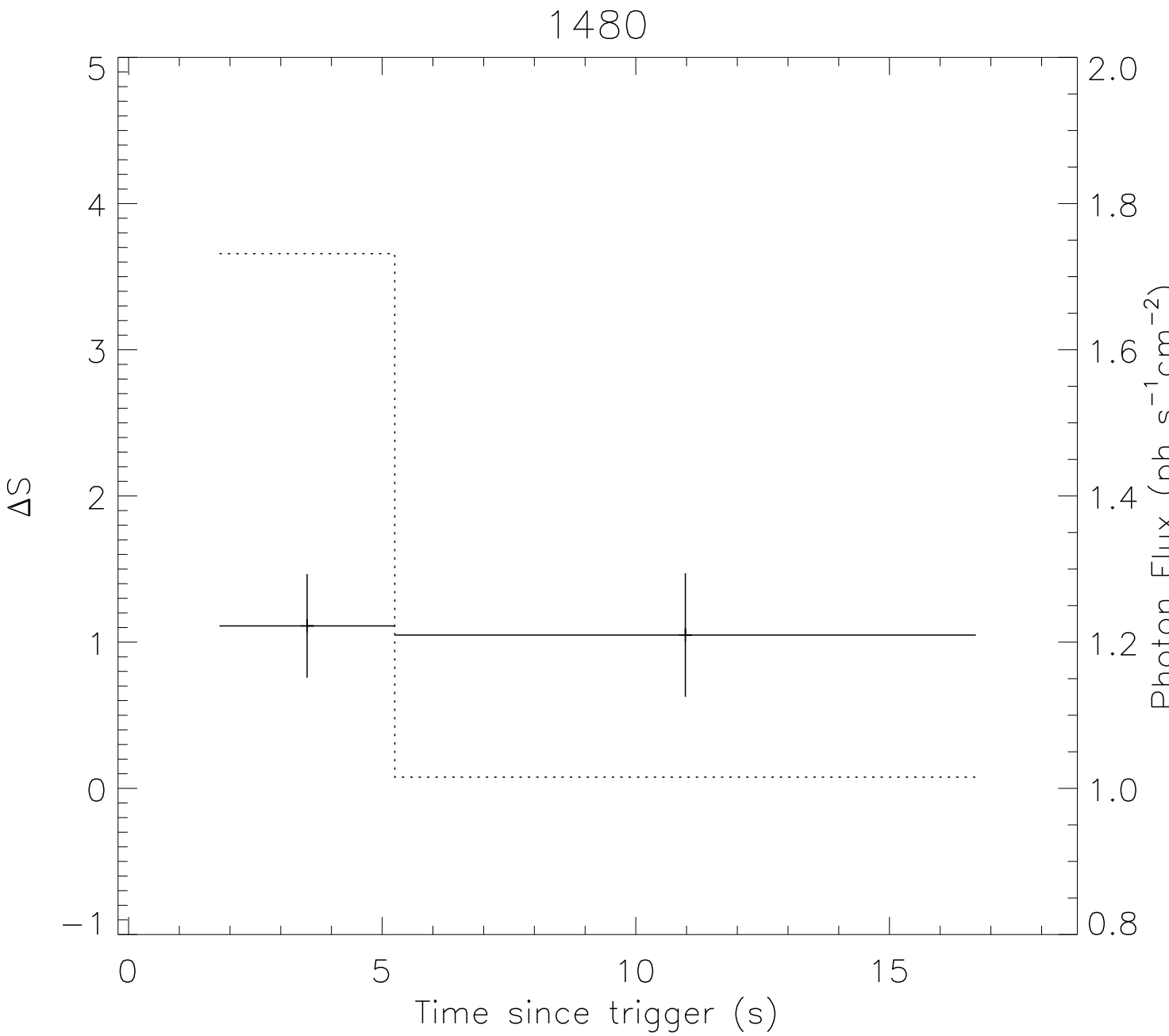

1288
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
100
120
−1
0
1
2
3
4
5
0
5
10
15

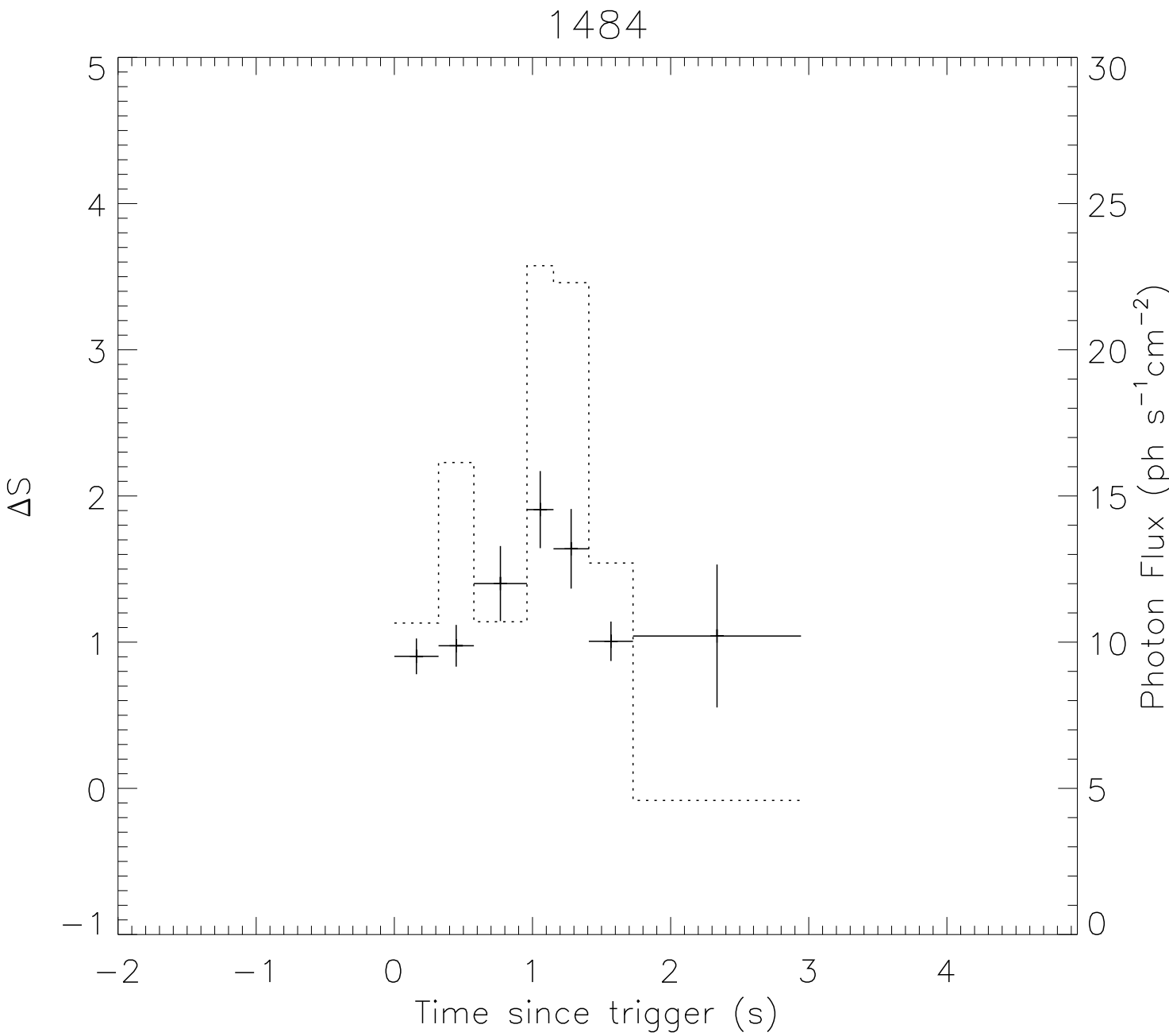

1385
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
−1
0
1
2
3
4
5
0
2
4
6
8
10

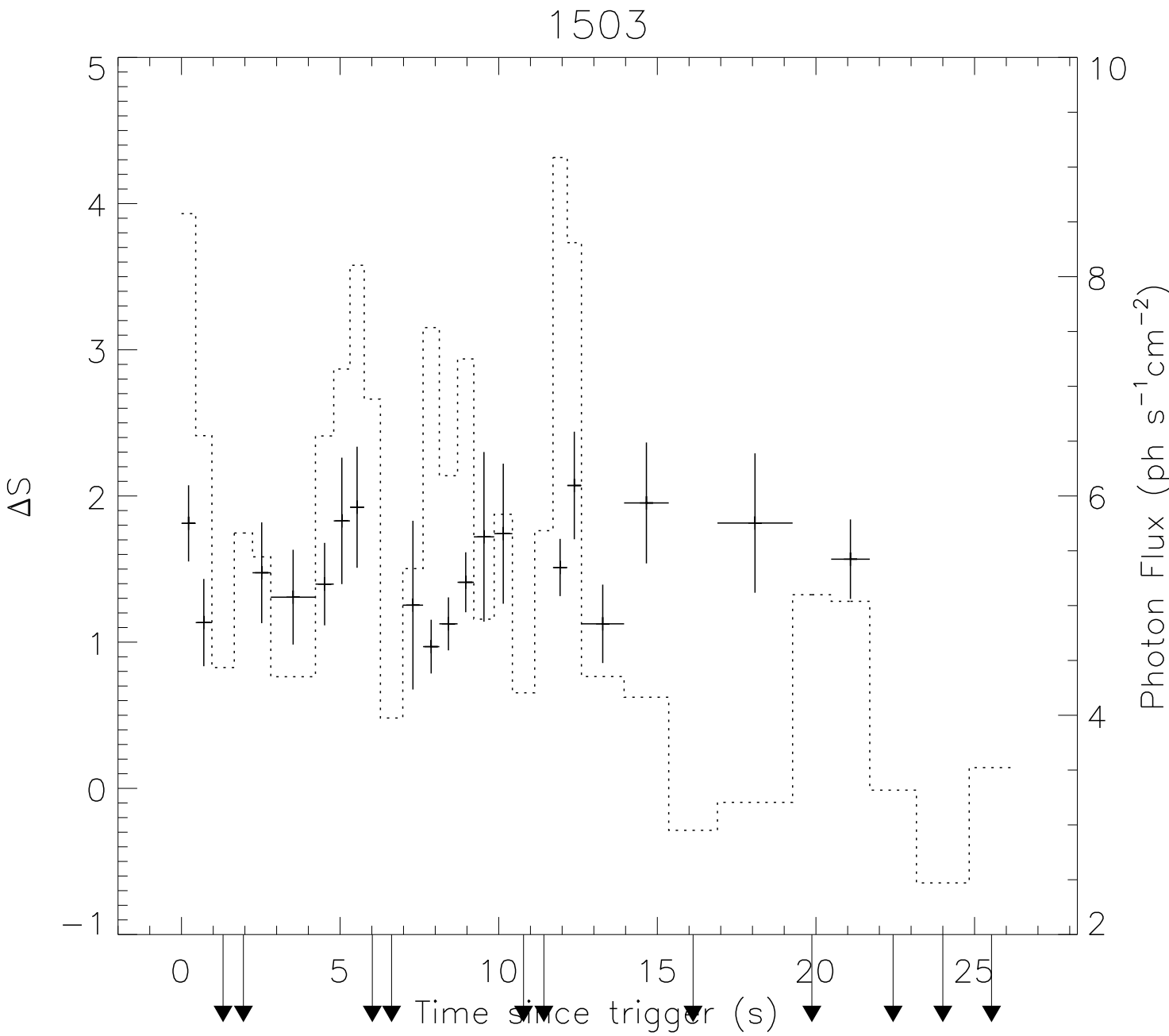

1419
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
12
10
8
6
4
2
0
40
60
80
100
120

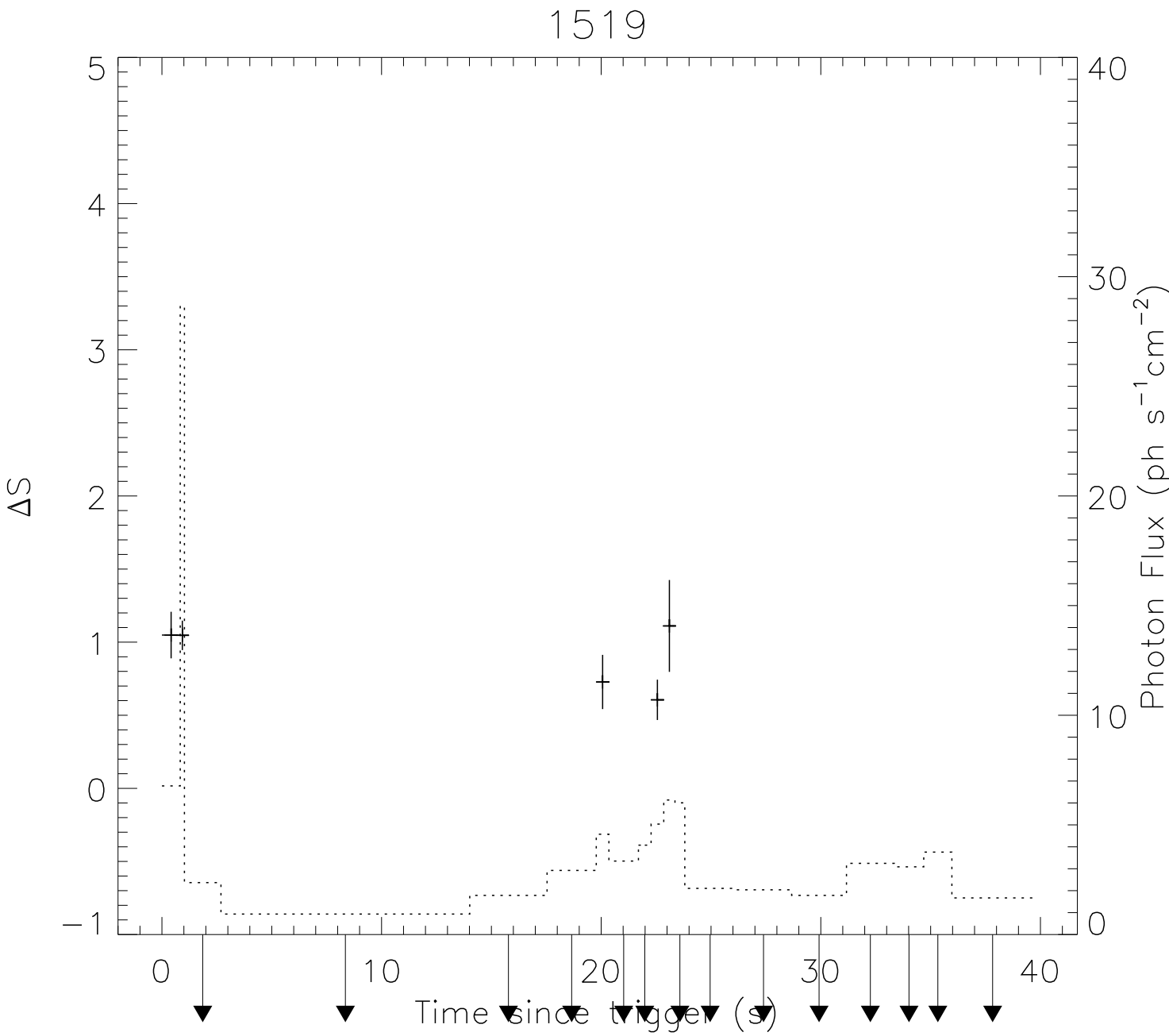

1440
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
5
10
15
20
25
30
−1
0
1
2
3
4
5
0
5
10
15
20
25

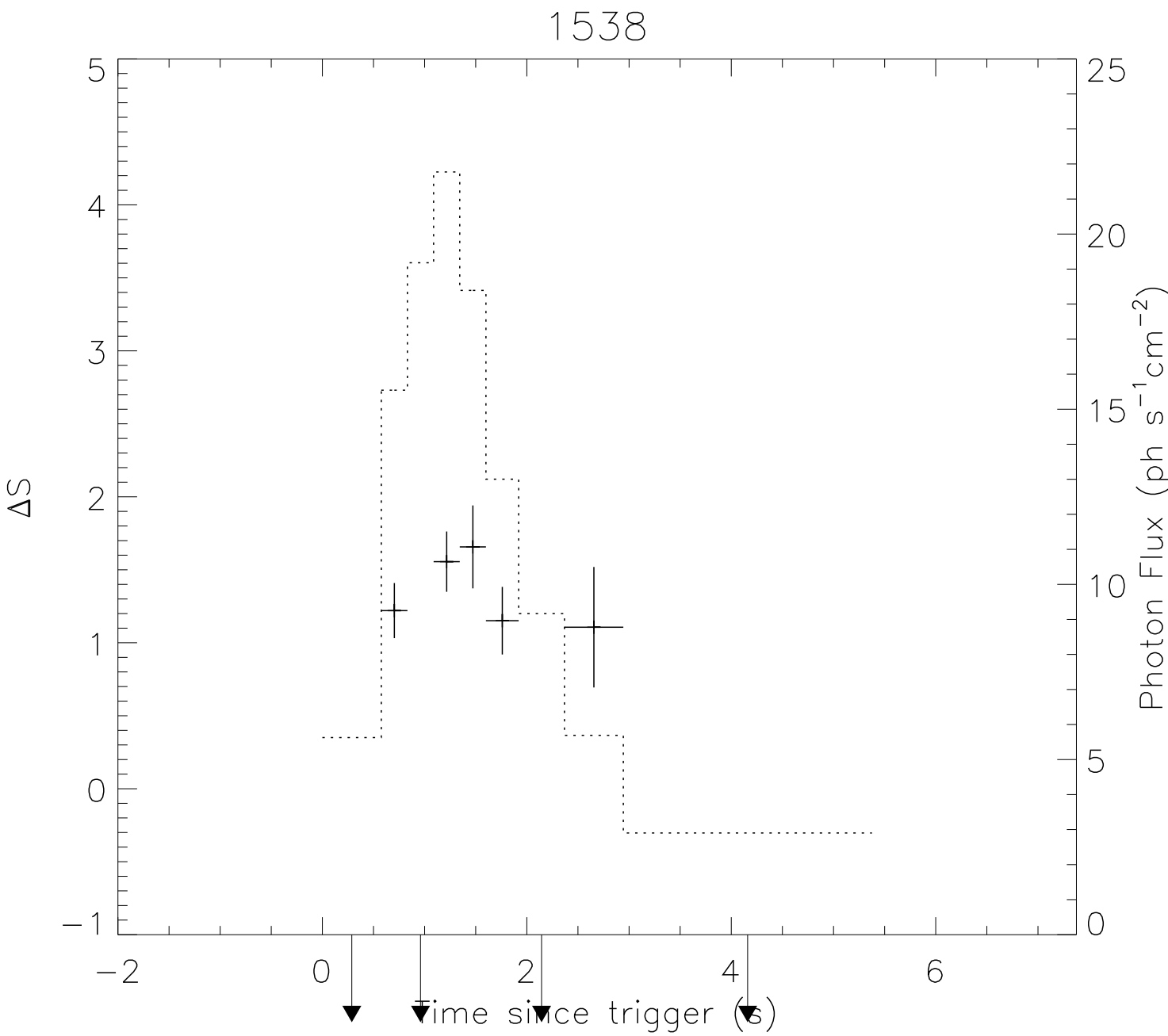

1468
5
4
3
2
1
0
−1
ΔS
2.5
2.0
1.5
1.0
0.5
0
5
10
15
20
25
Time since trigger (s)

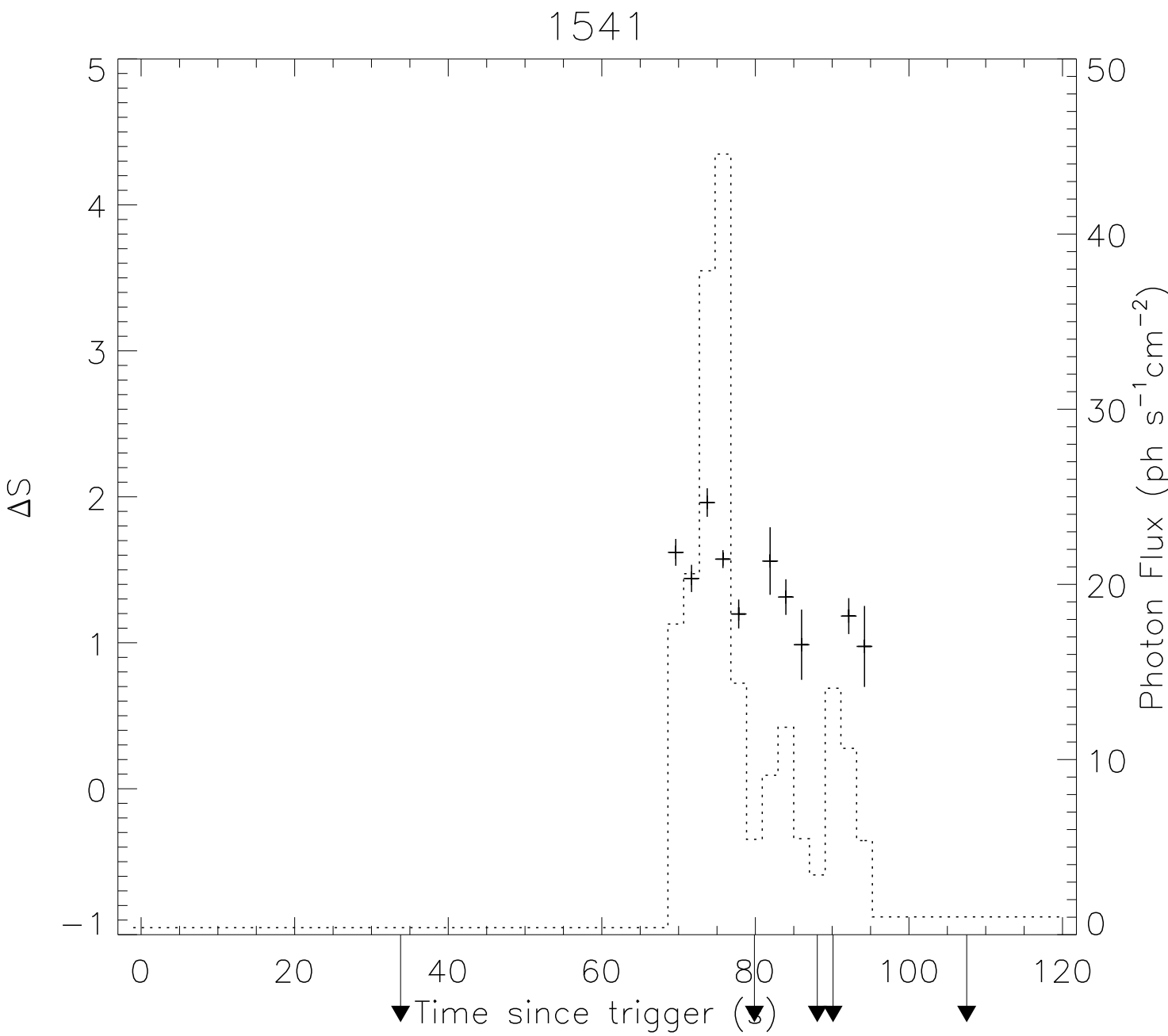

1480
5
4
3
2
1
0
−1
ΔS
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0
5
10
15
Time since trigger (s)

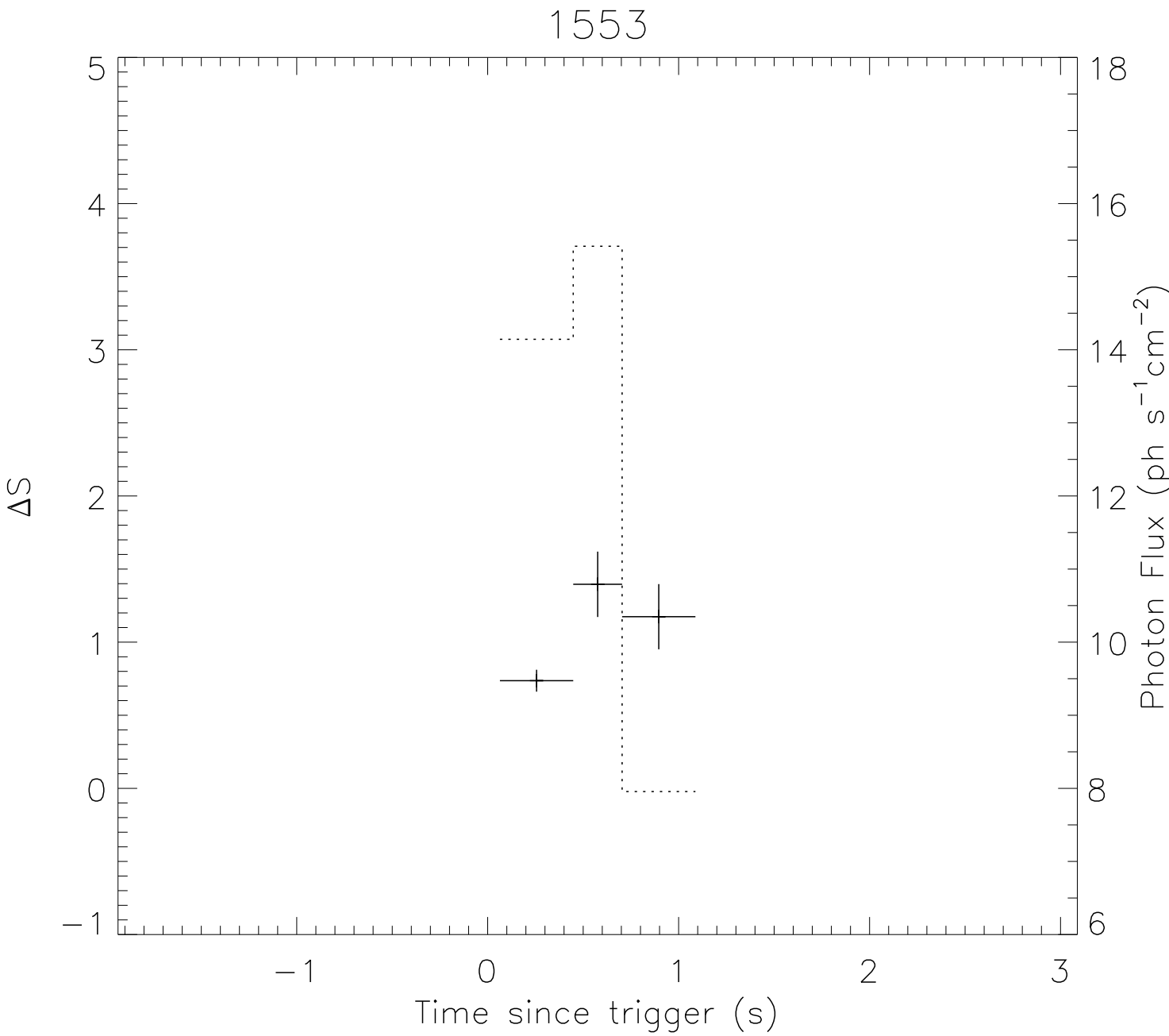

1484
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
−2
−1
0
1
2
3
4

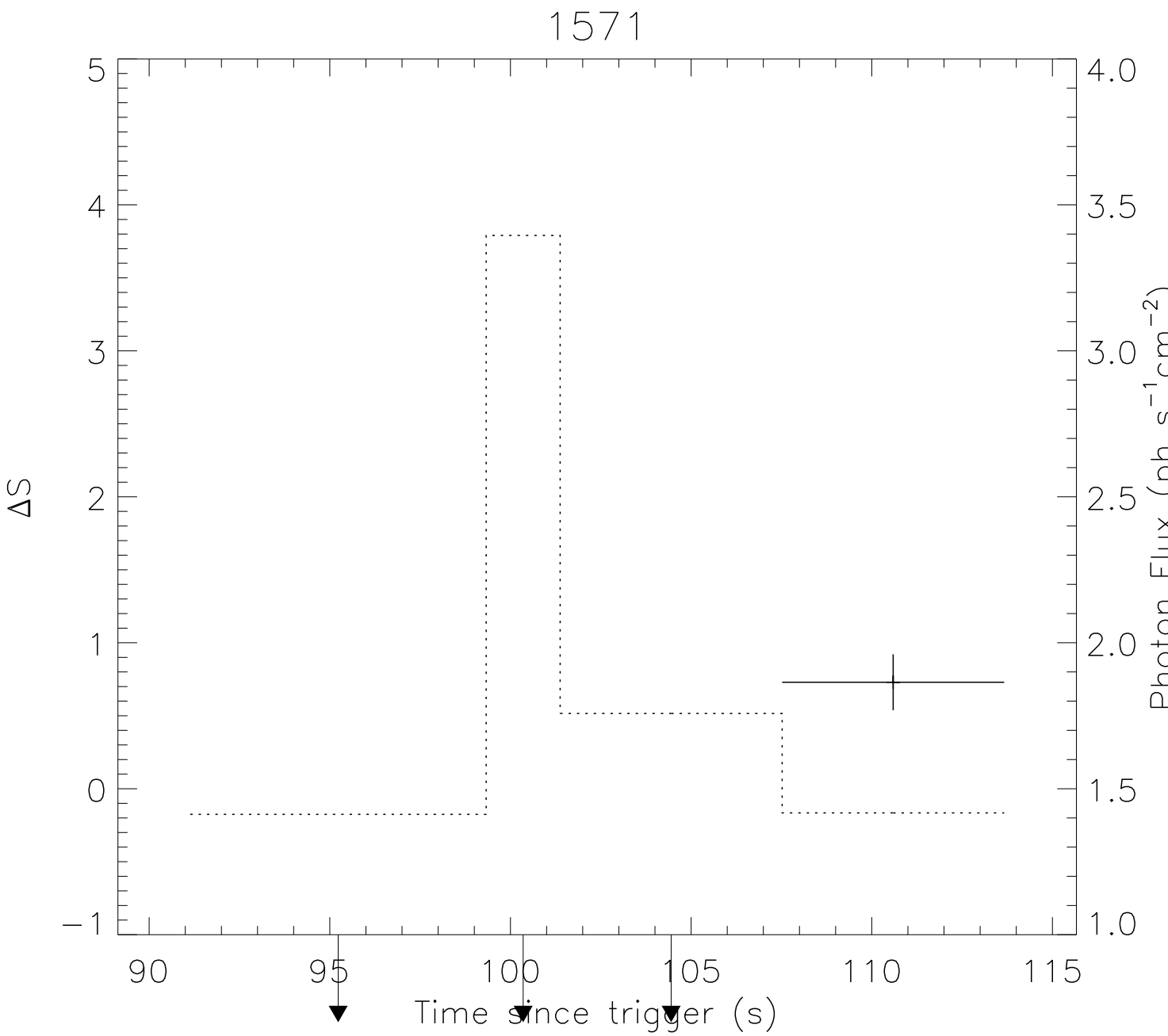

1503
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
10
8
6
4
2
0
5
10
15
20
25

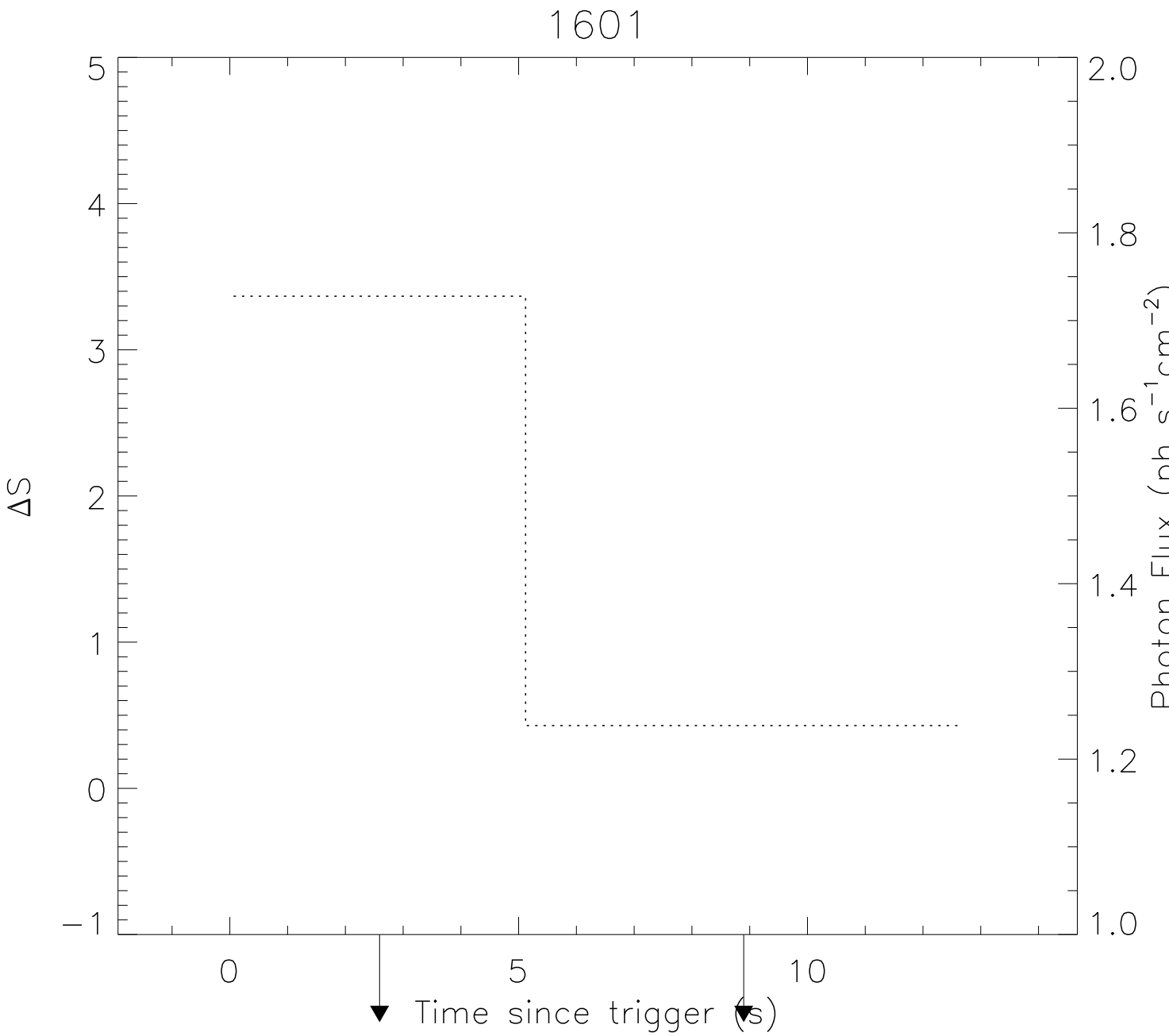

1519
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
10
20
30
40

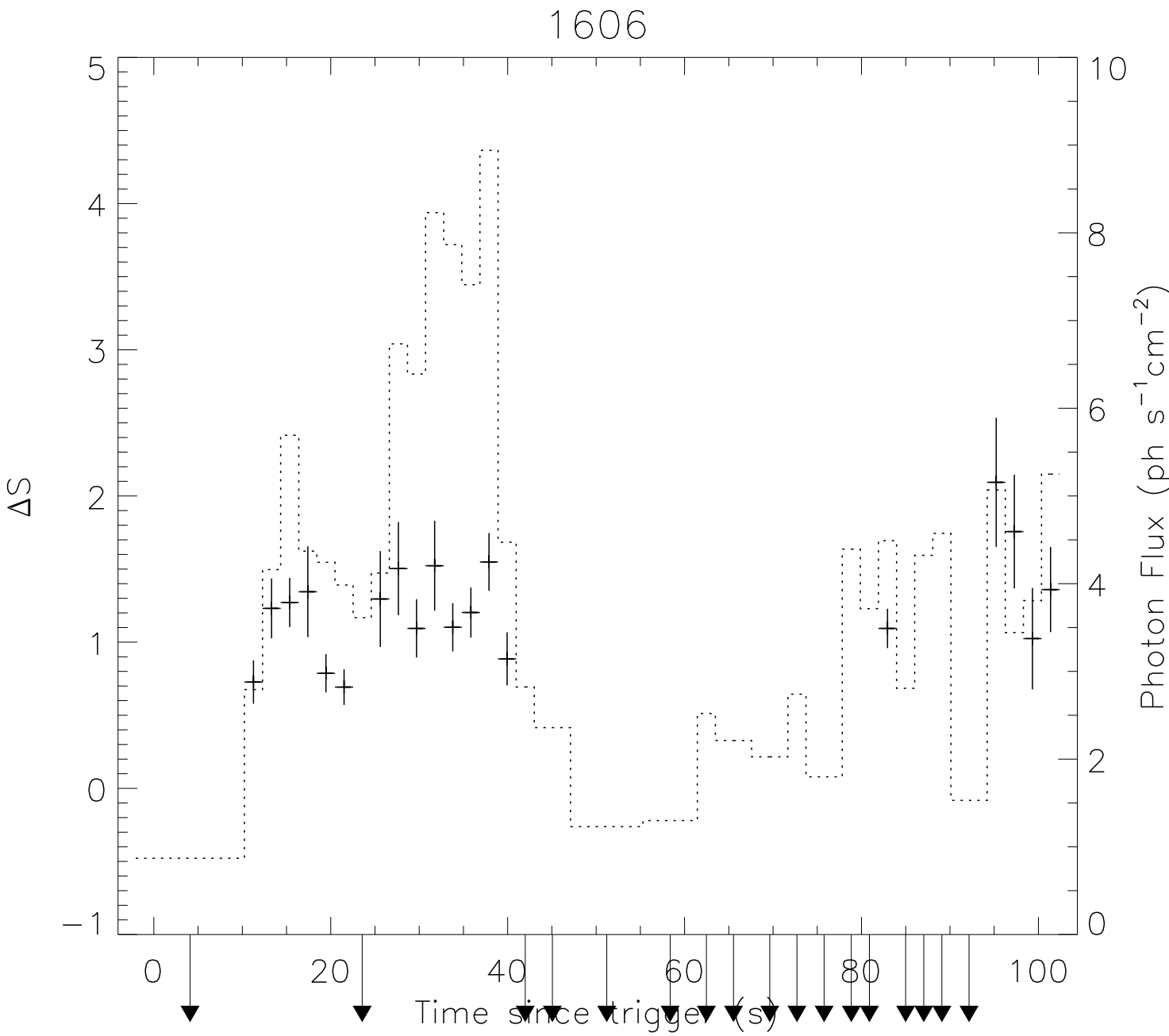

1538
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
−2
0
2
4
6

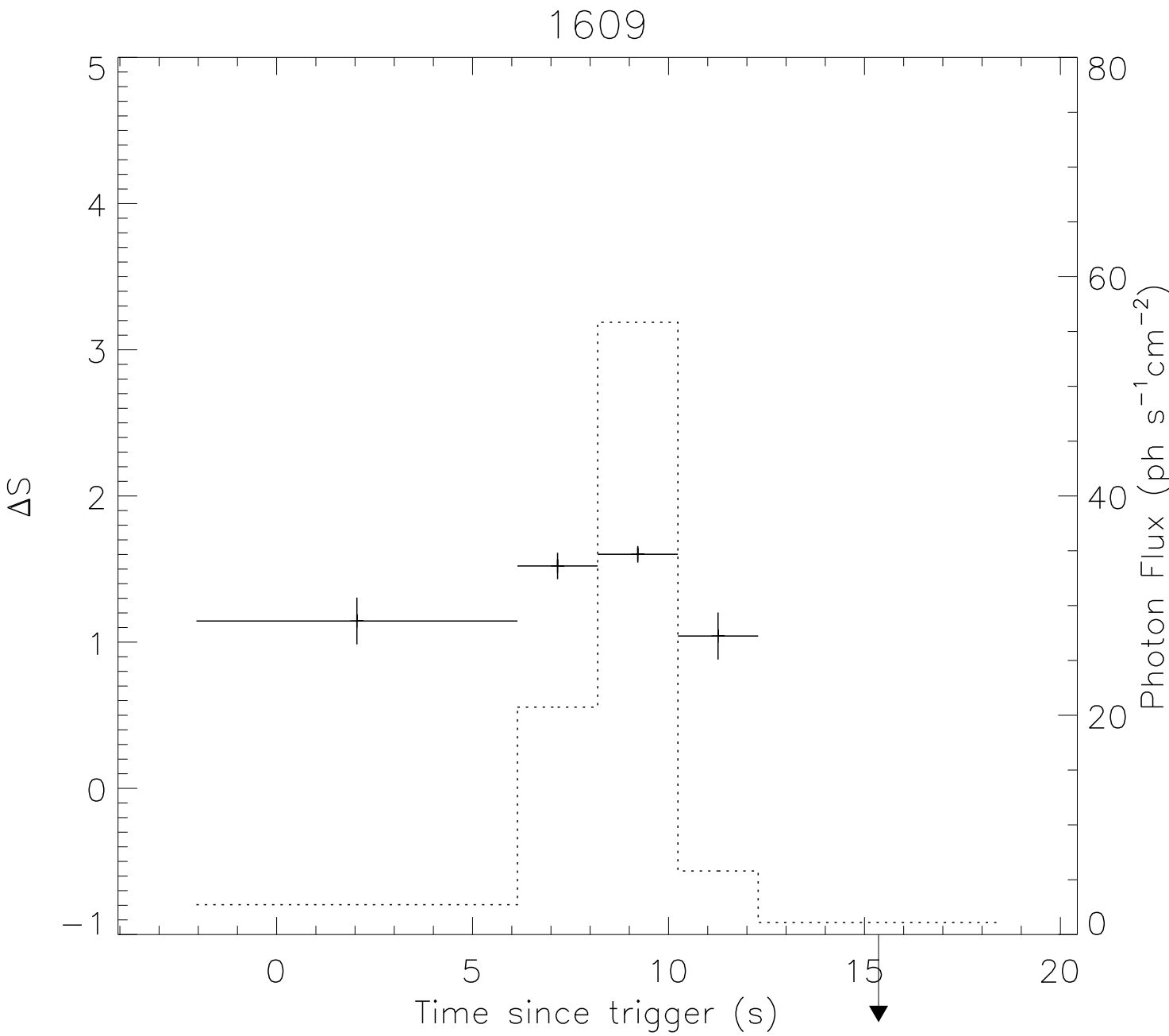

1541
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
20
40
60
80
100
120

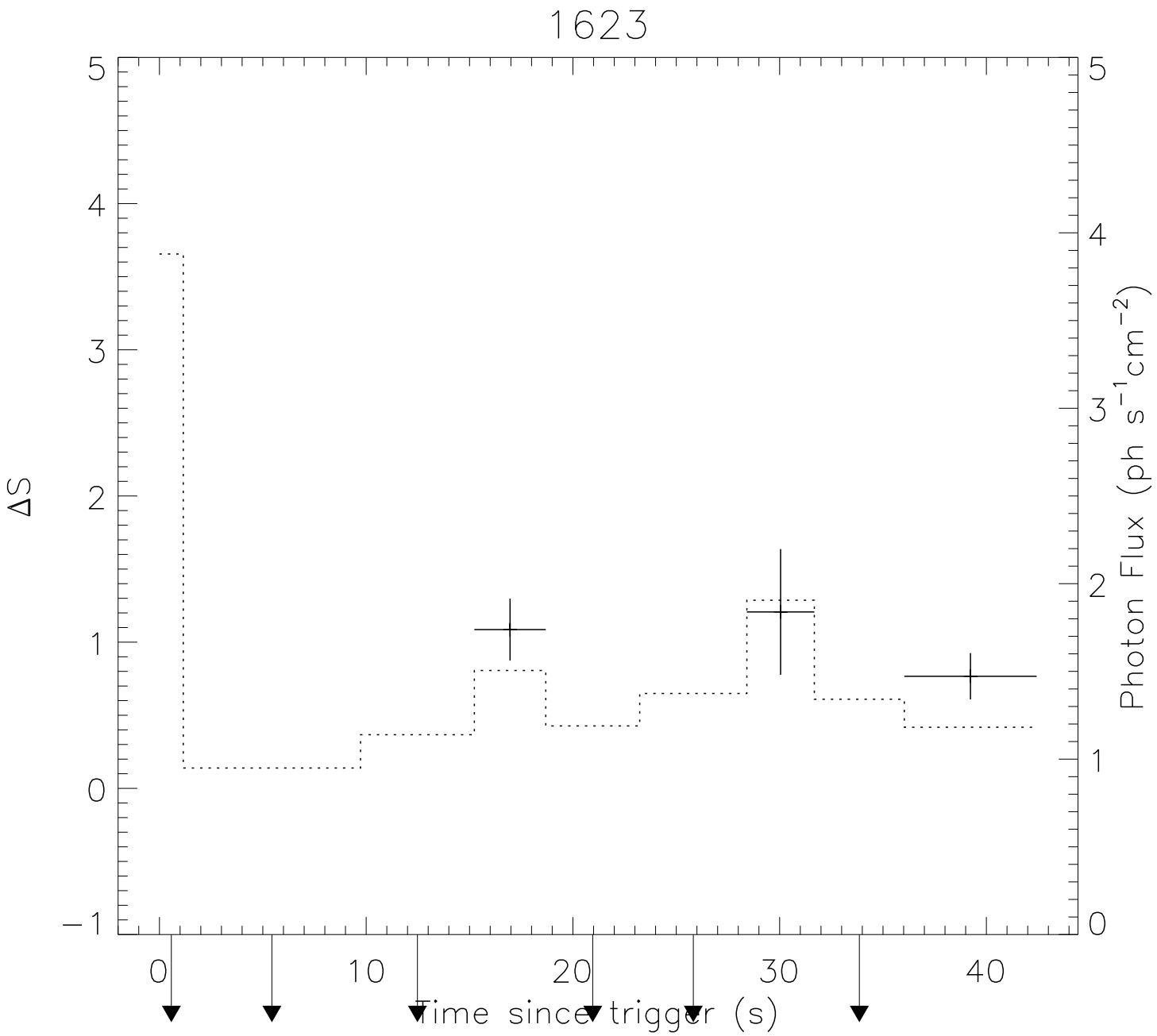

1553
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
18
16
14
12
10
8
6
−1
0
1
2
3

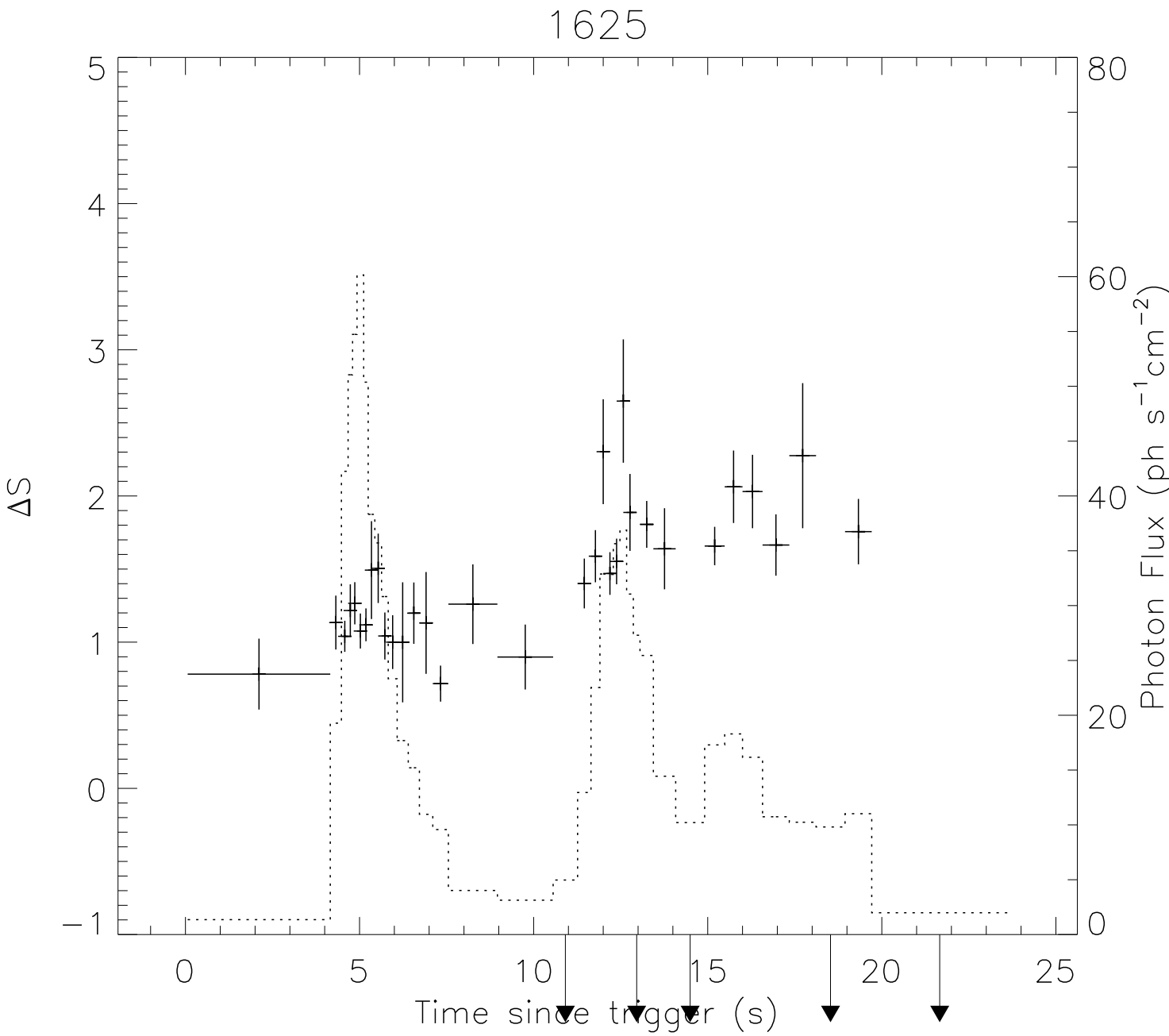

1571
ΔS
Time since trigger (s)
90
95
100
105
110
115
5
4
3
2
1
0
−1
4.0
3.5
3.0
2.5
2.0
1.5
1.0

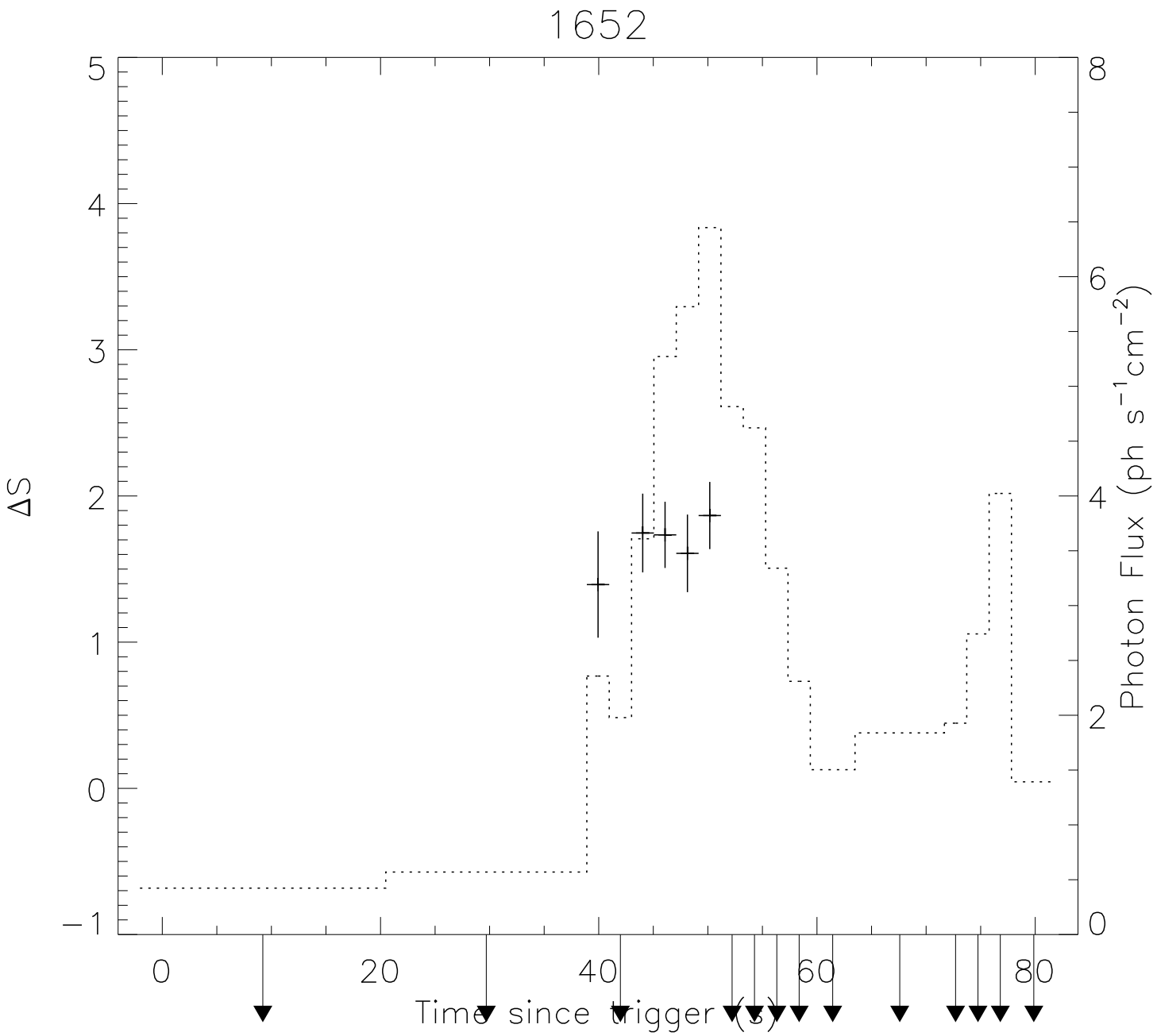

1601
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
2.0
1.8
1.6
1.4
1.2
1.0
0
5
10

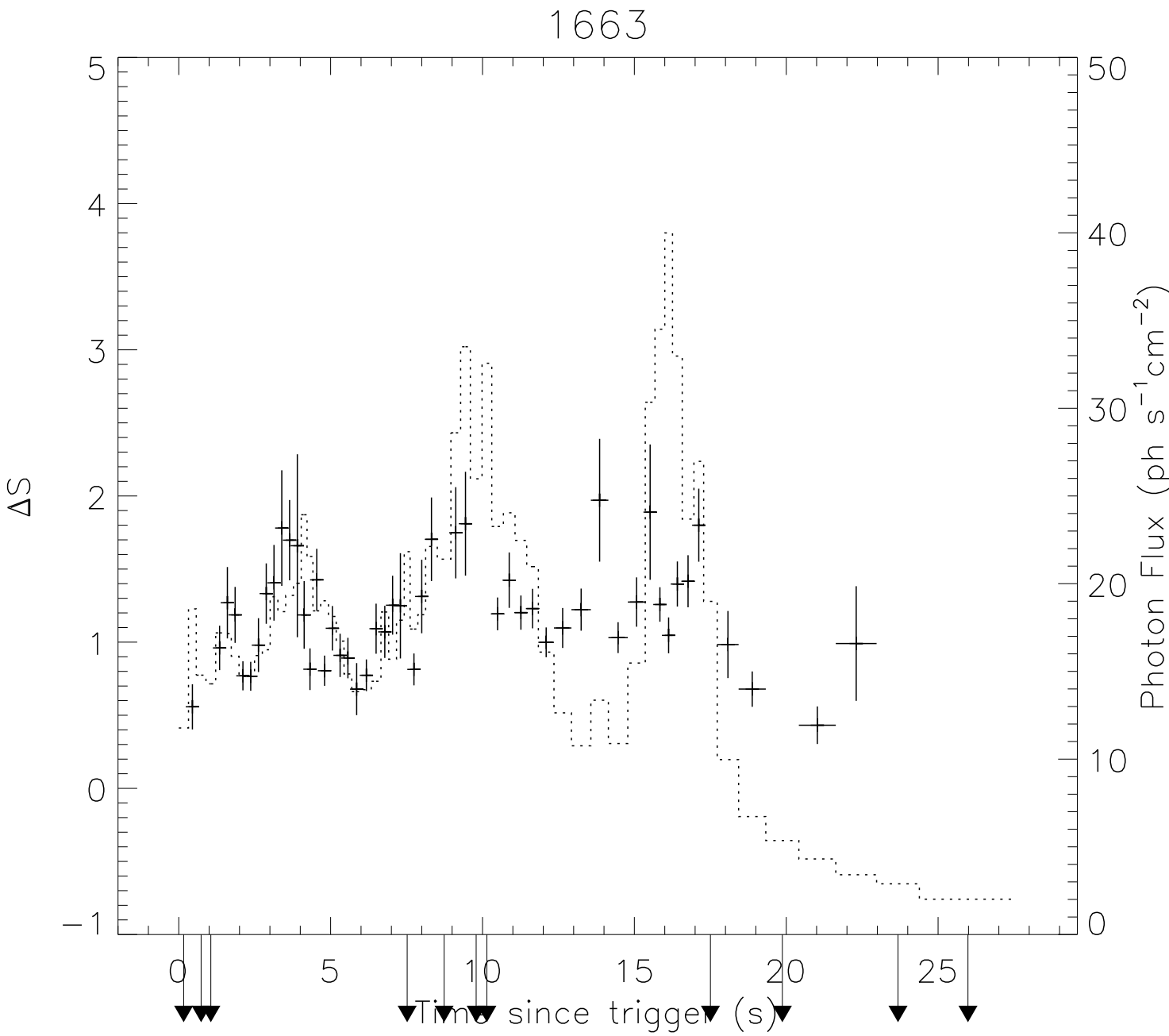

1606
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
10
8
6
4
2
0
0
20
40
60
80
100

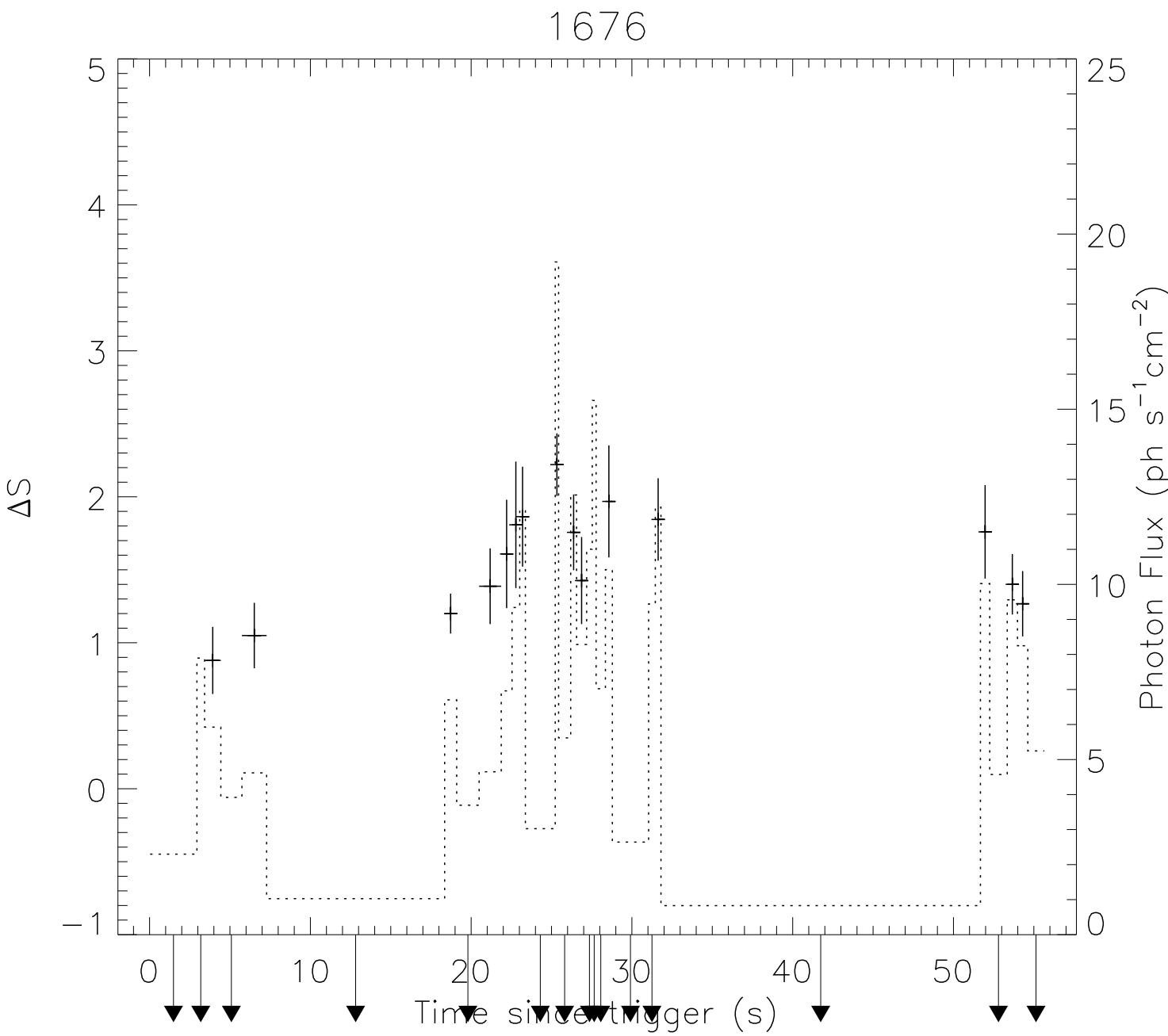

1609
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
0
5
10
15
20

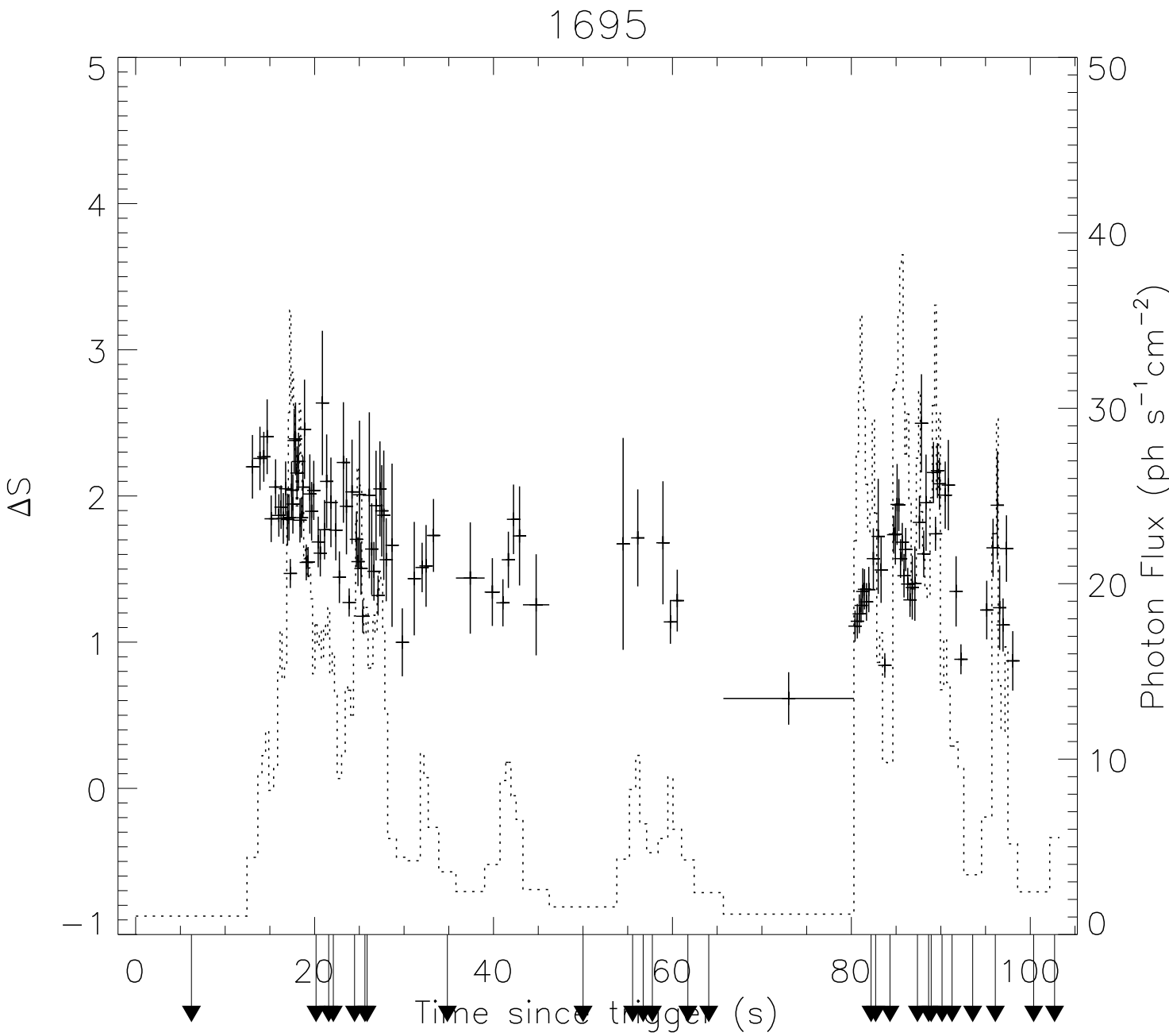

1623
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
0
10
20
30
40

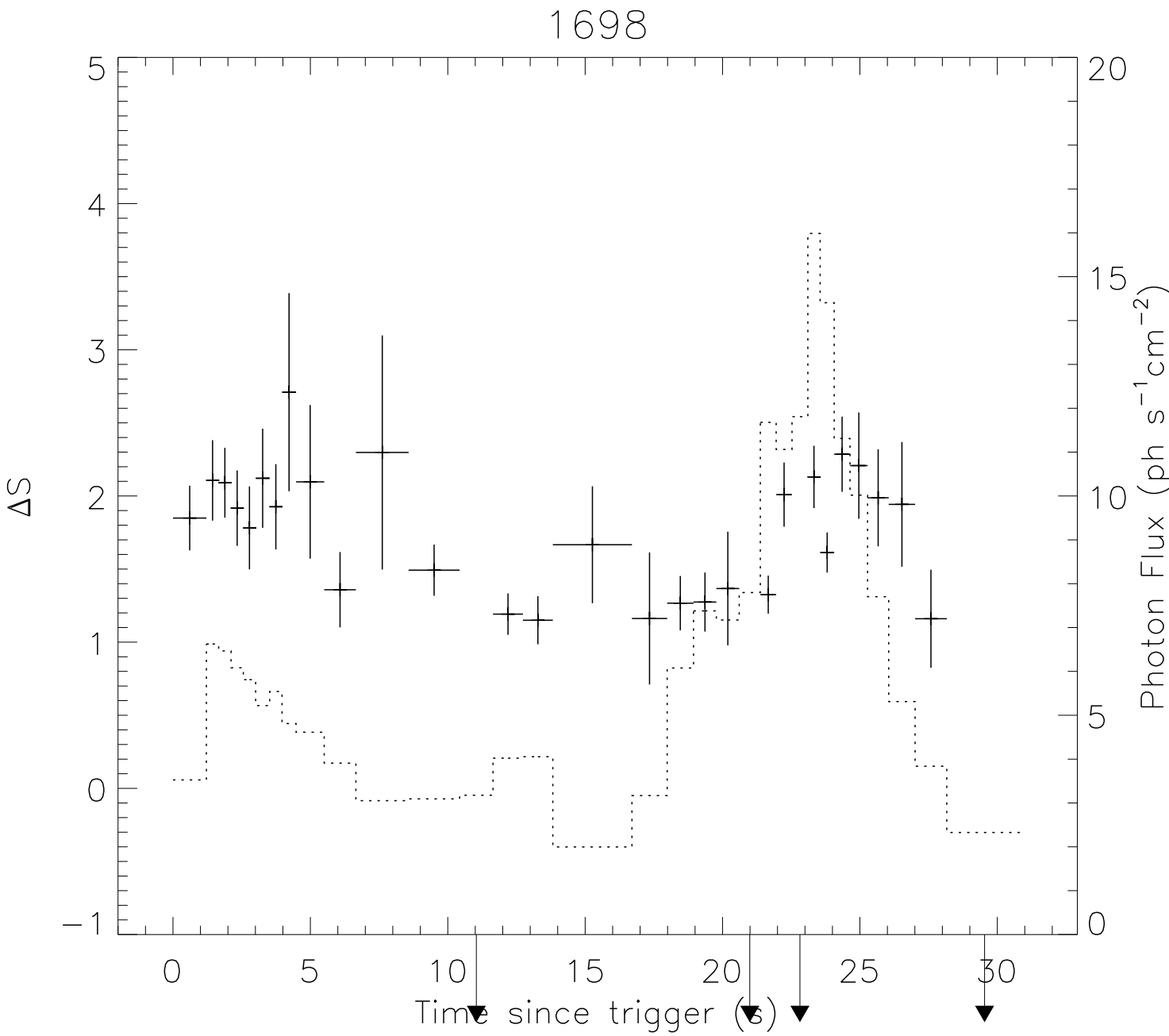

1625
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
0
5
10
15
20
25

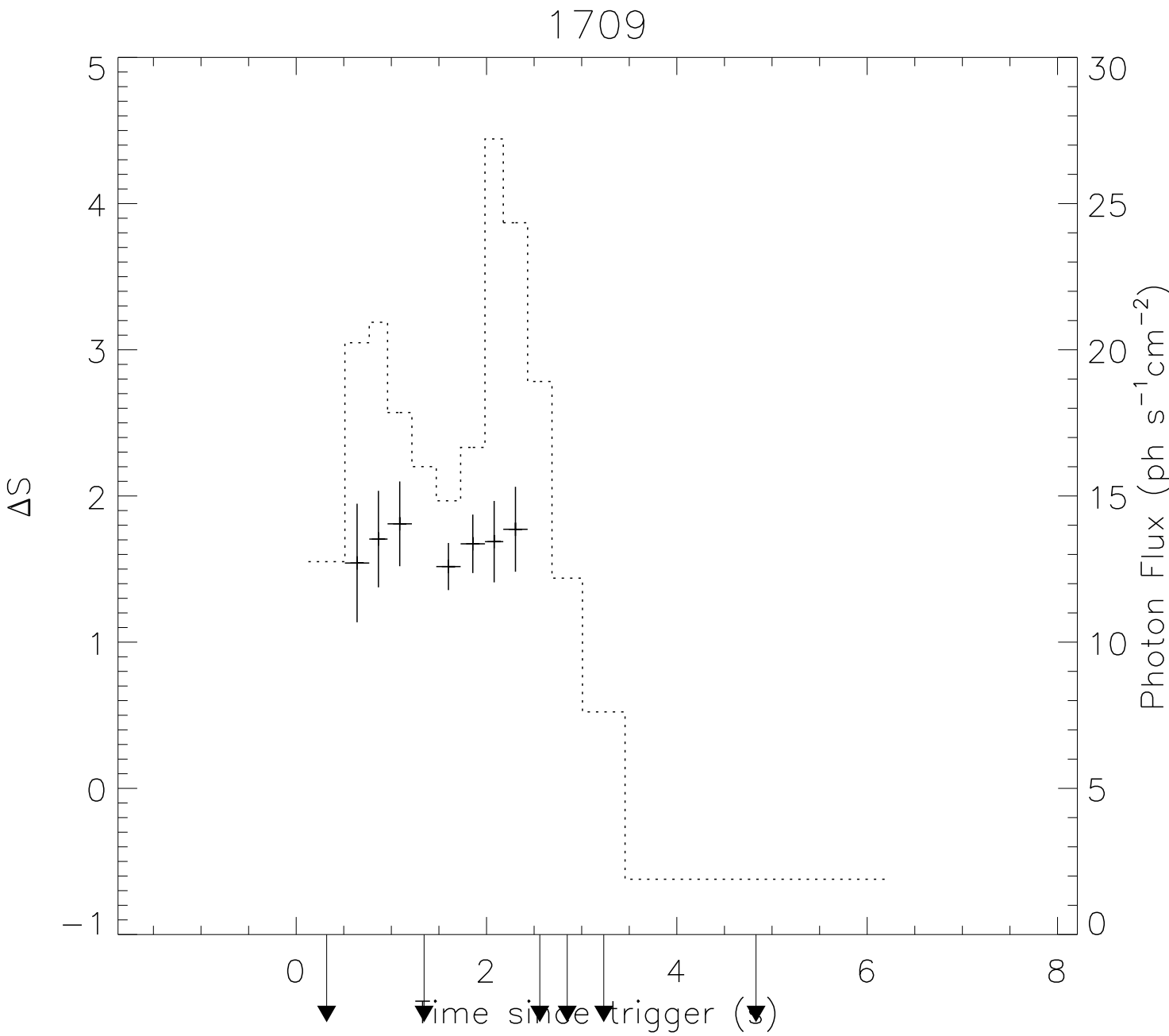

1652
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
−1
0
1
2
3
4
5
0
2
4
6
8

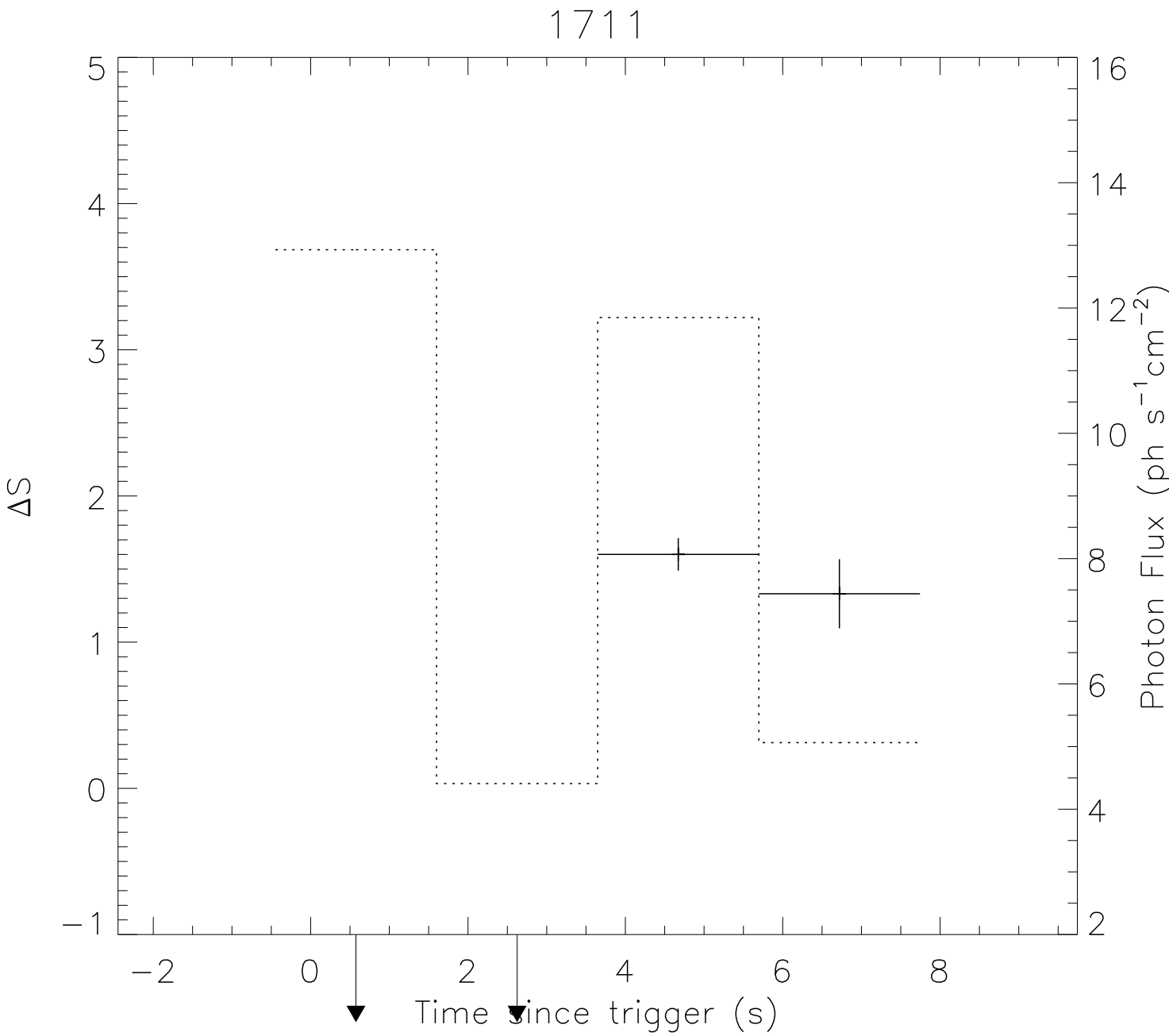

1663
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
5
10
15
20
25

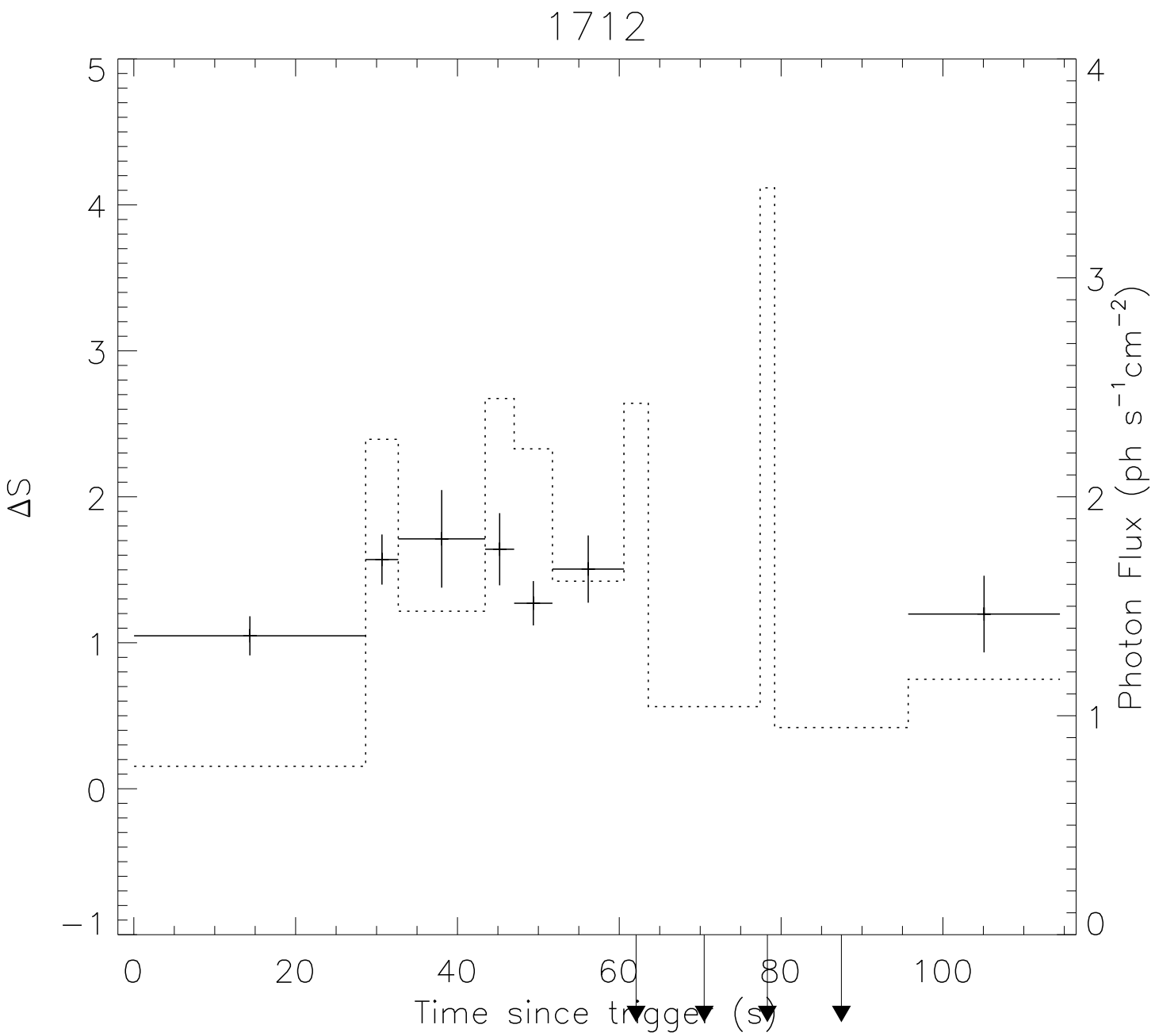

1676
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
10
20
30
40
50

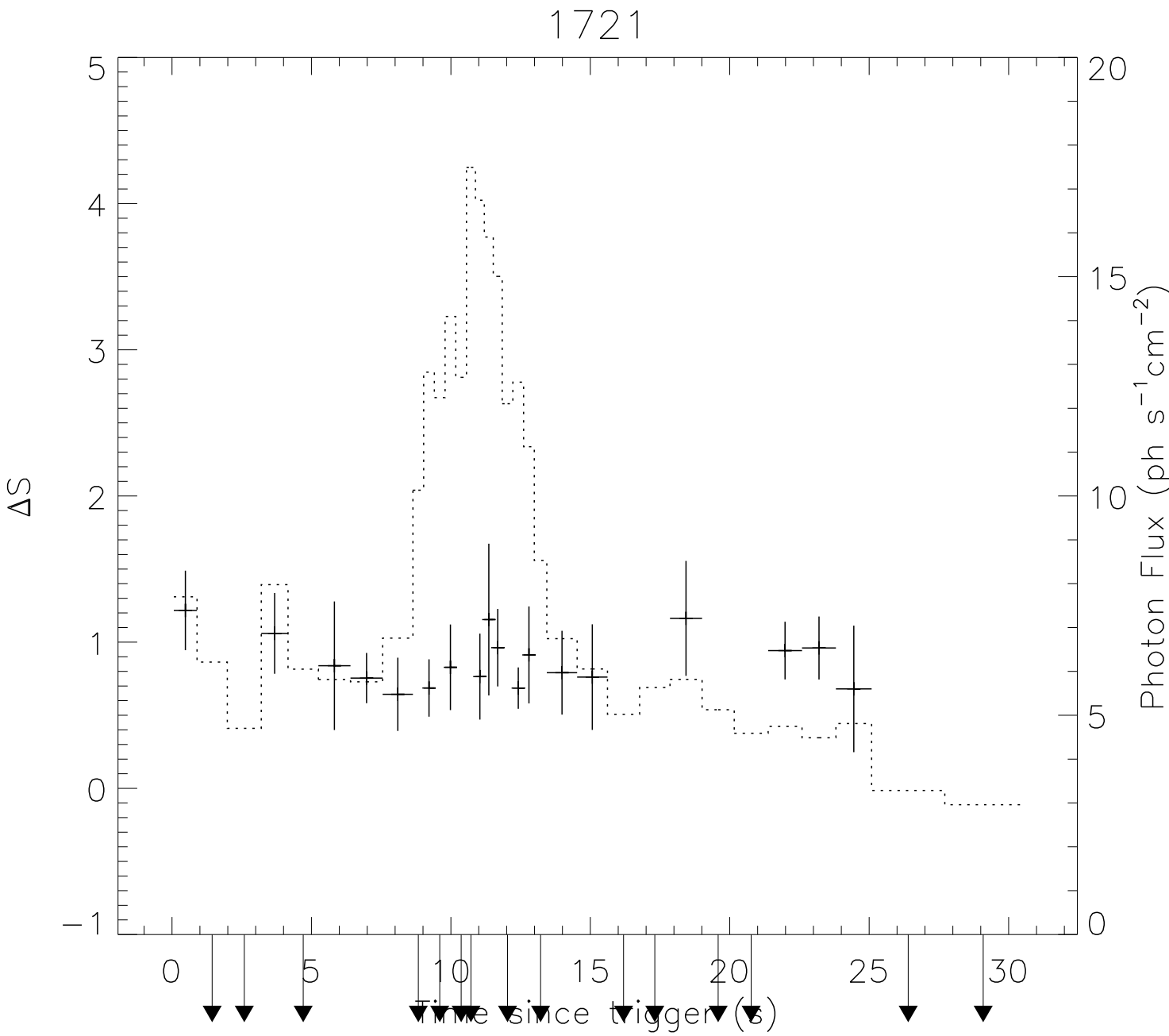

1695
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
20
40
60
80
100

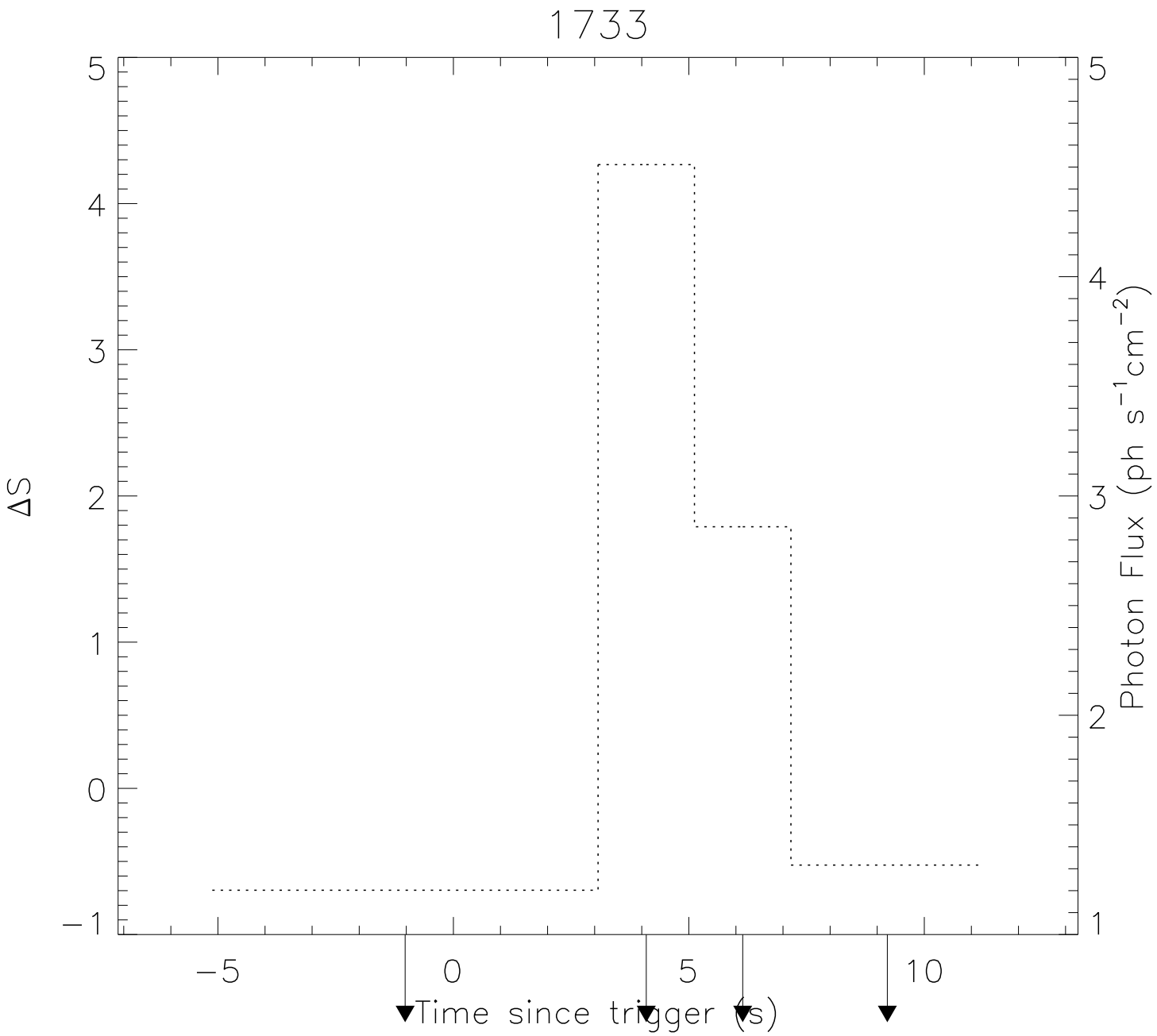

1698
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
5
10
15
20
25
30

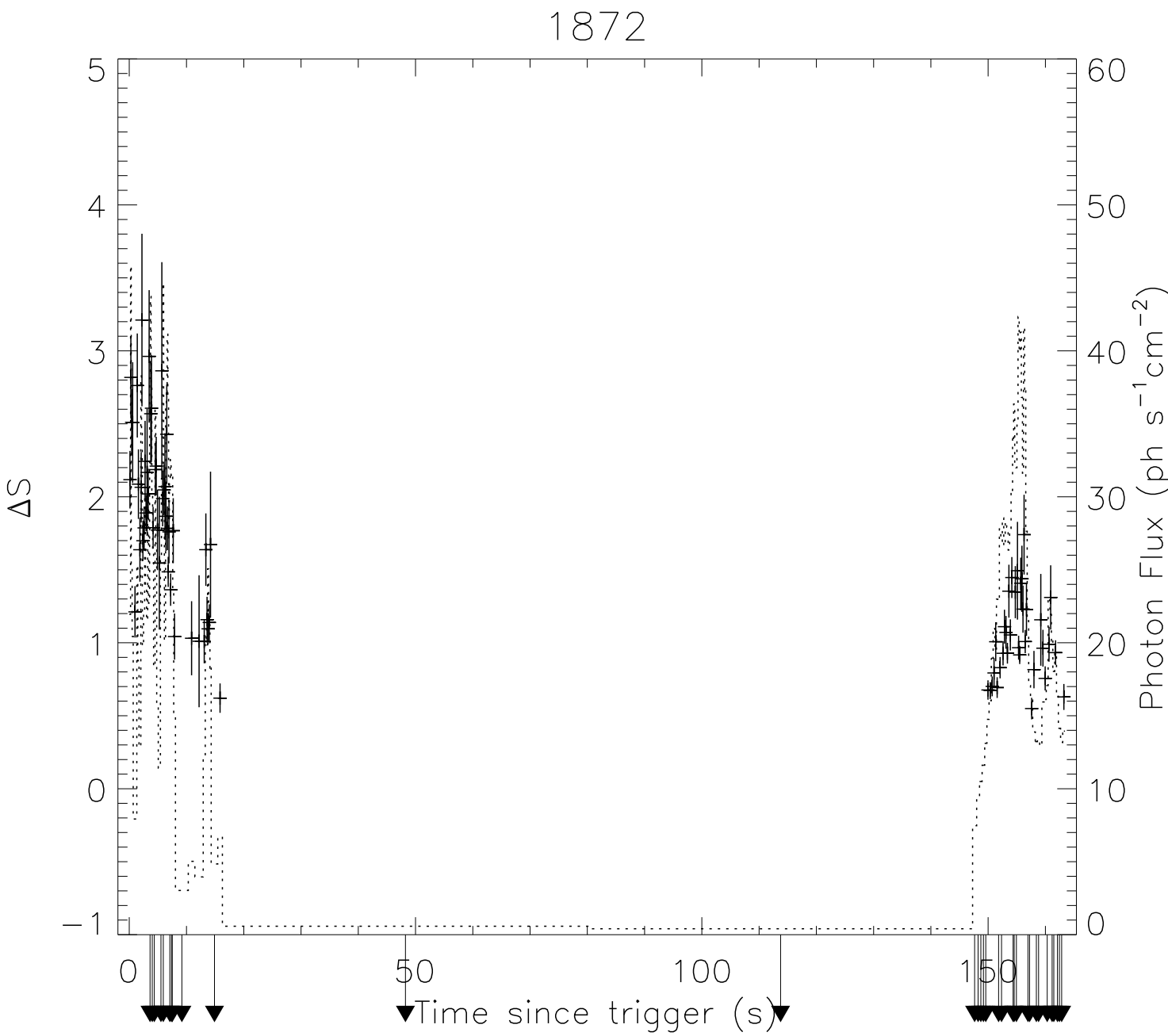

1709
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
2
4
6
8

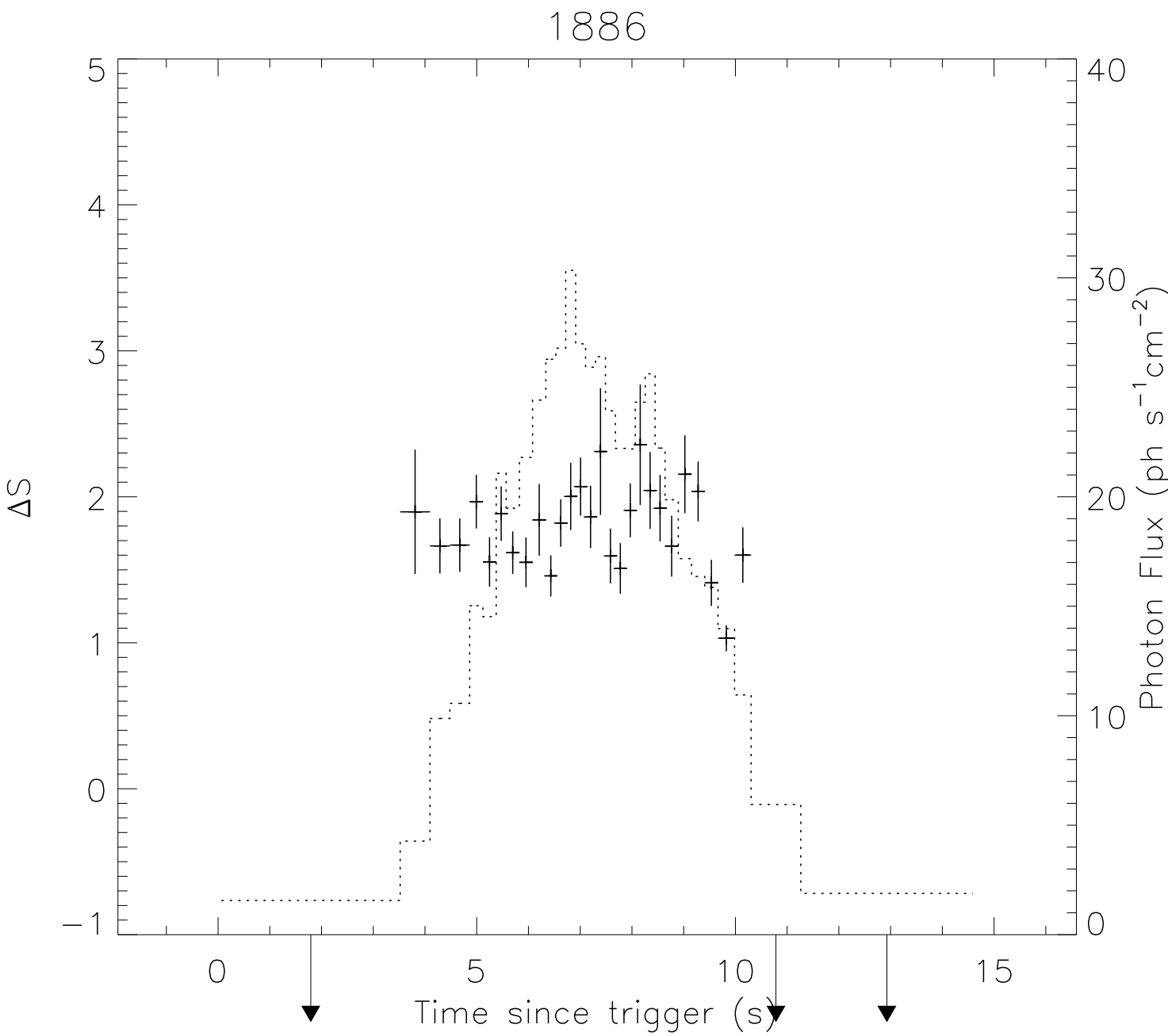

1711
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
16
14
12
10
8
6
4
2
−2
0
2
4
6
8

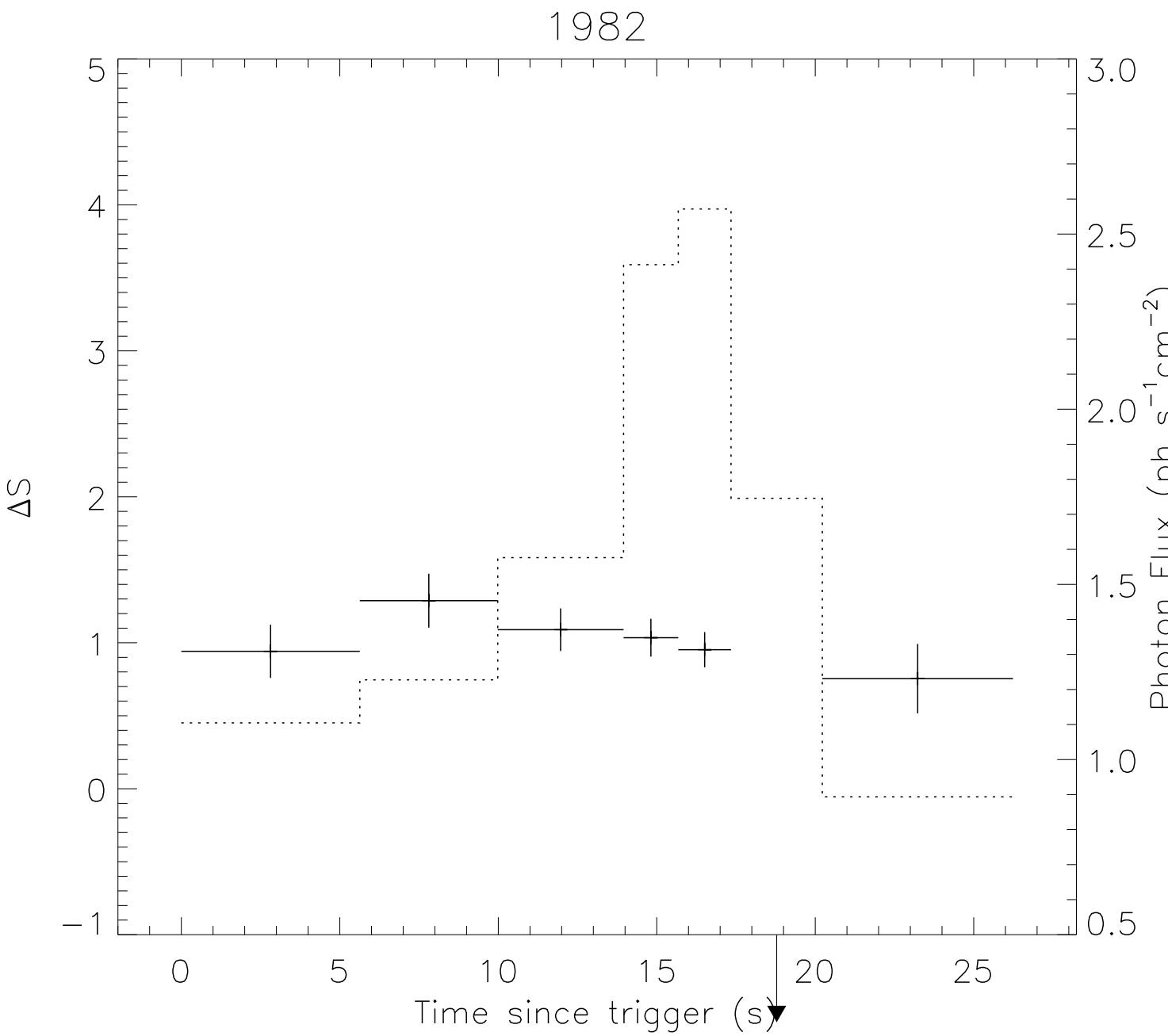

1712
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
4
3
2
1
0
0
20
40
60
80
100

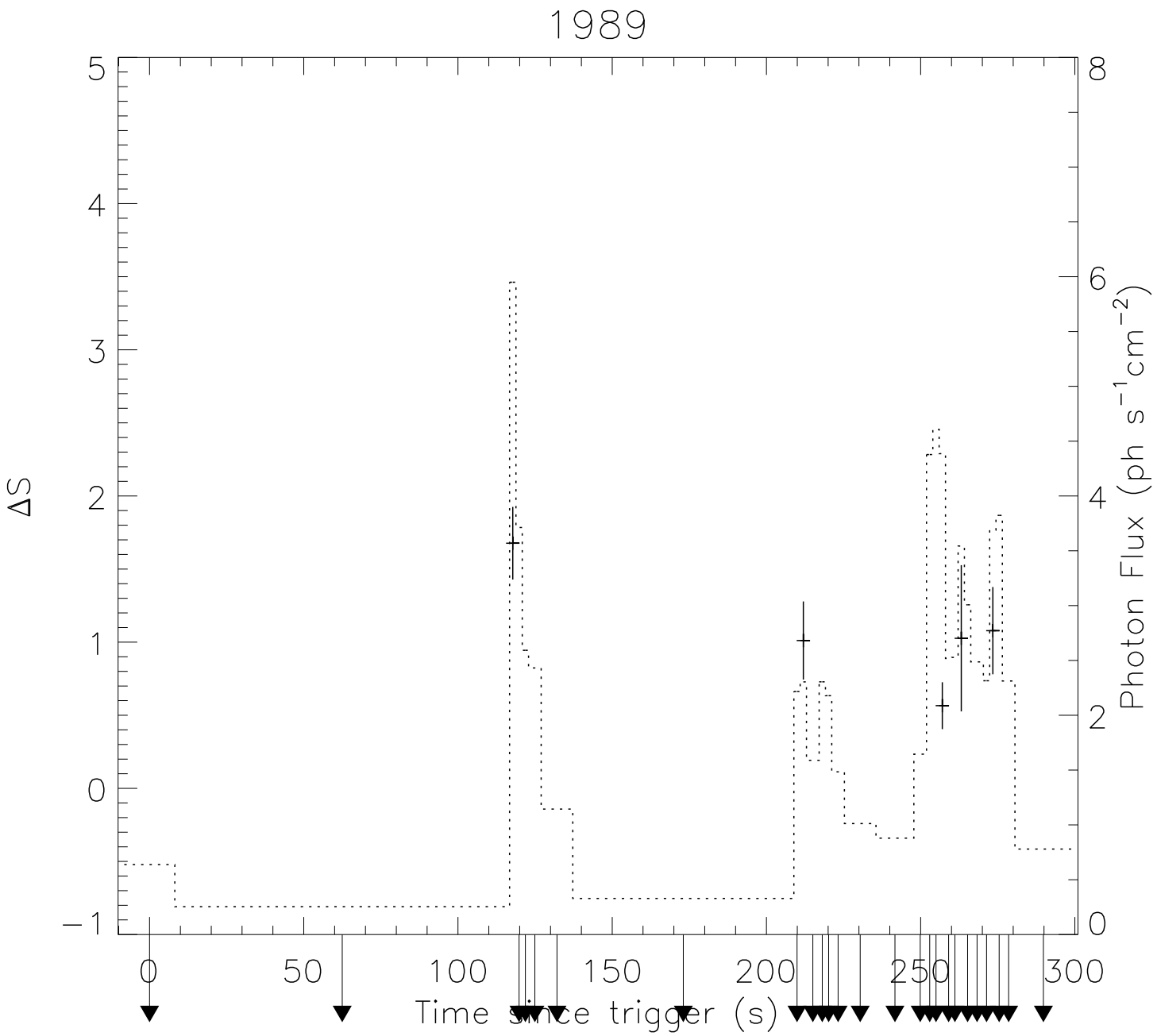

1721
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
5
10
15
20
25
30

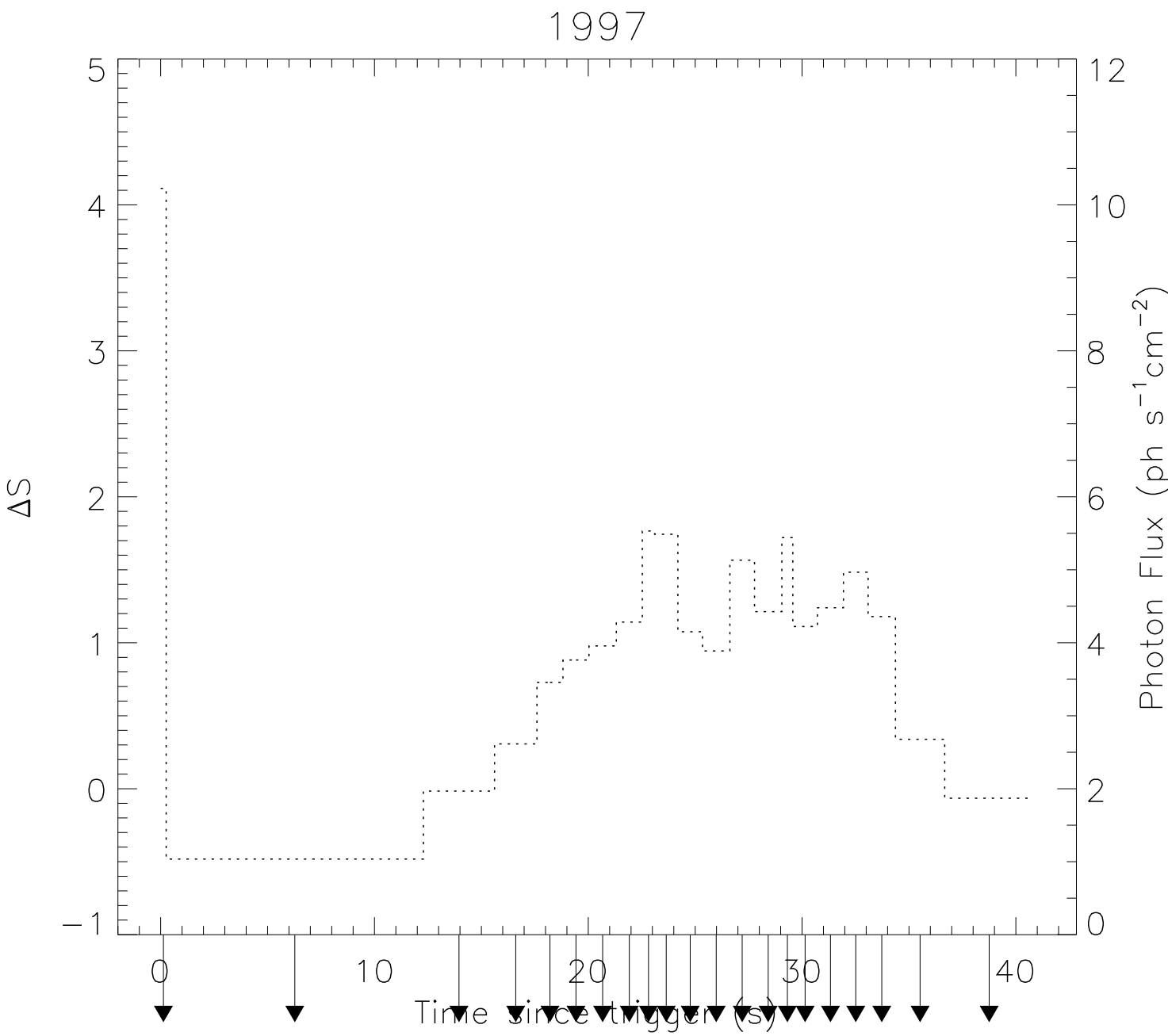

1733
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
−5
0
5
10

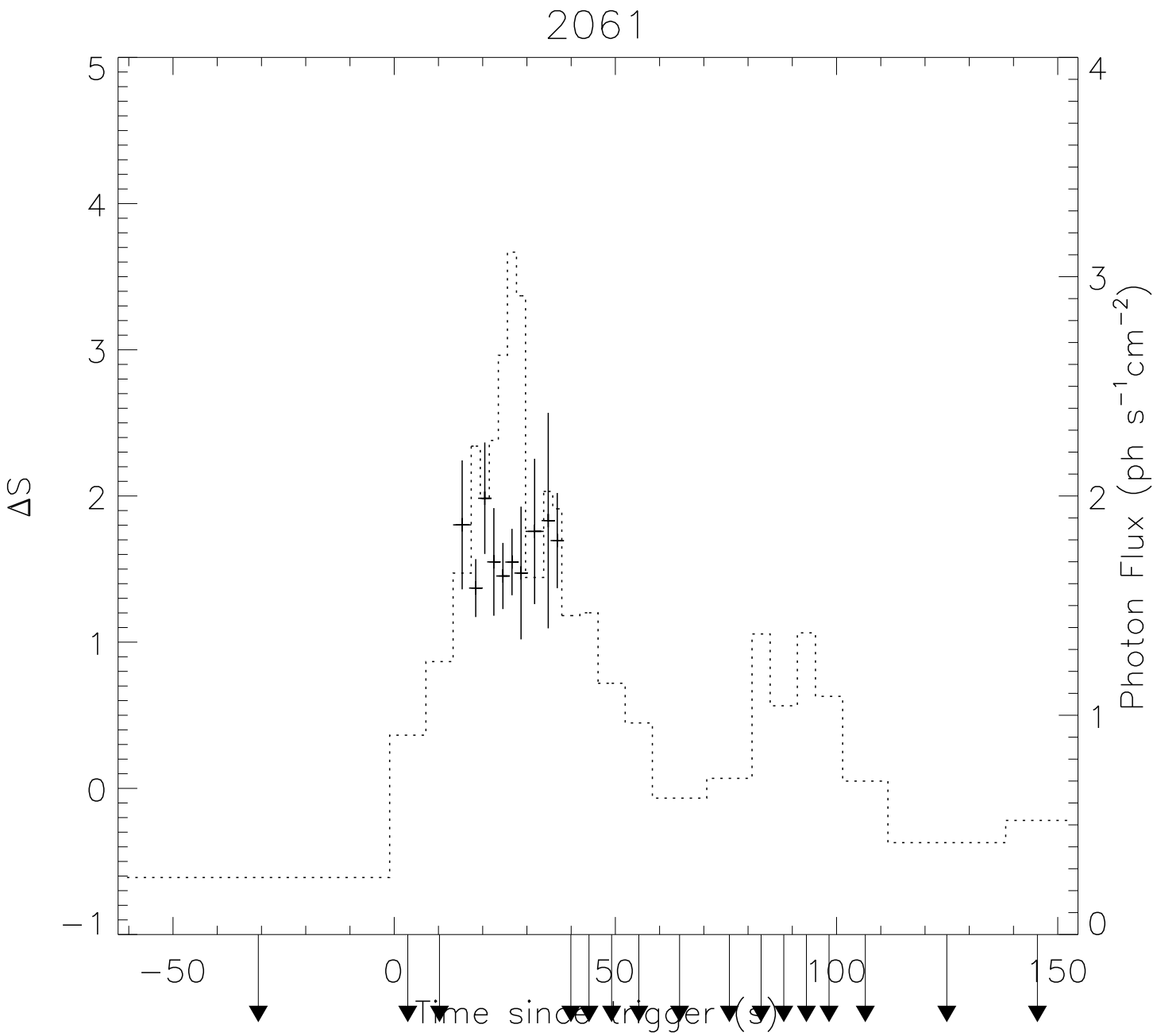

1872
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
60
50
40
30
20
10
0
0
50
100
150

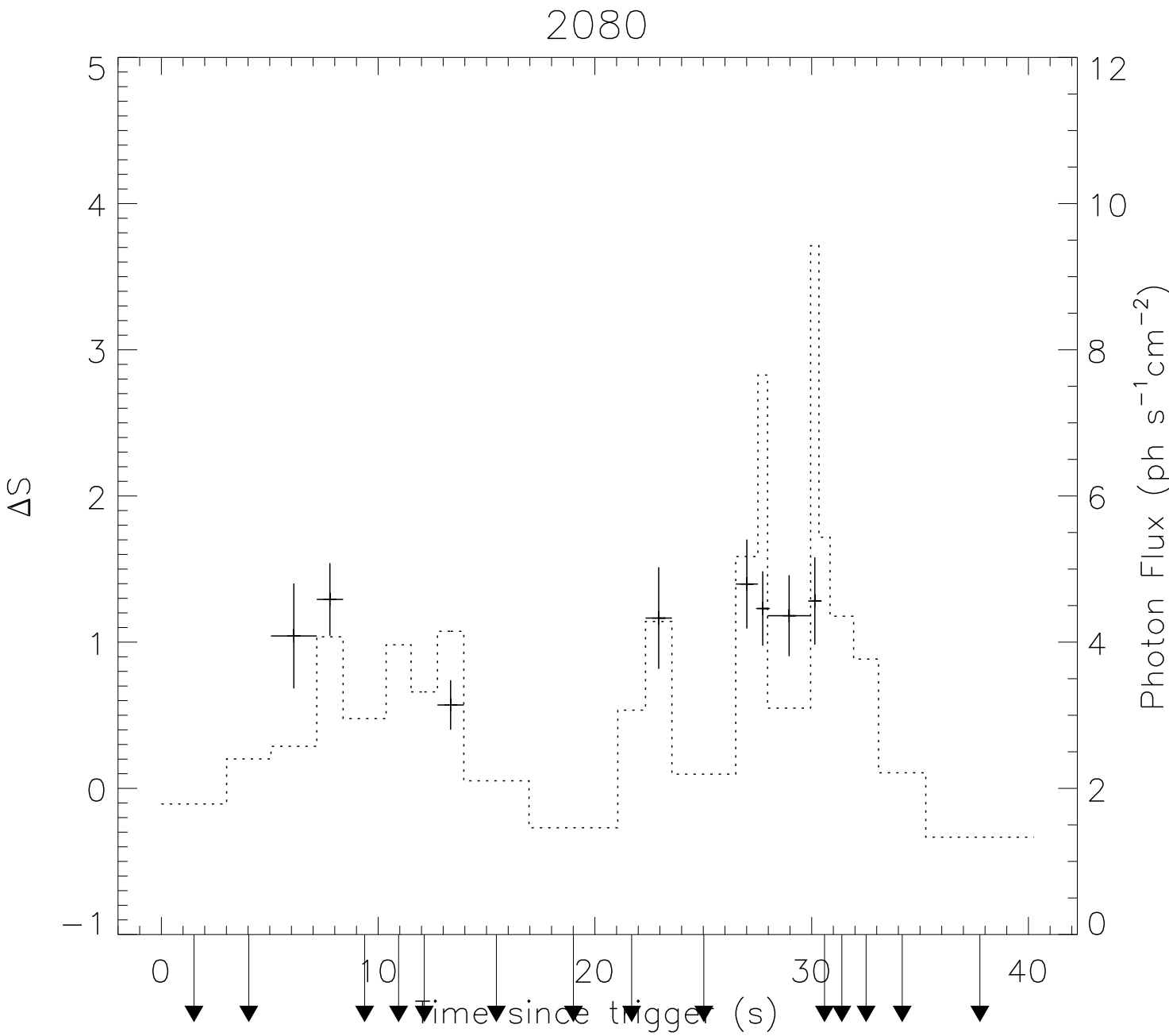

1886
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
5
10
15

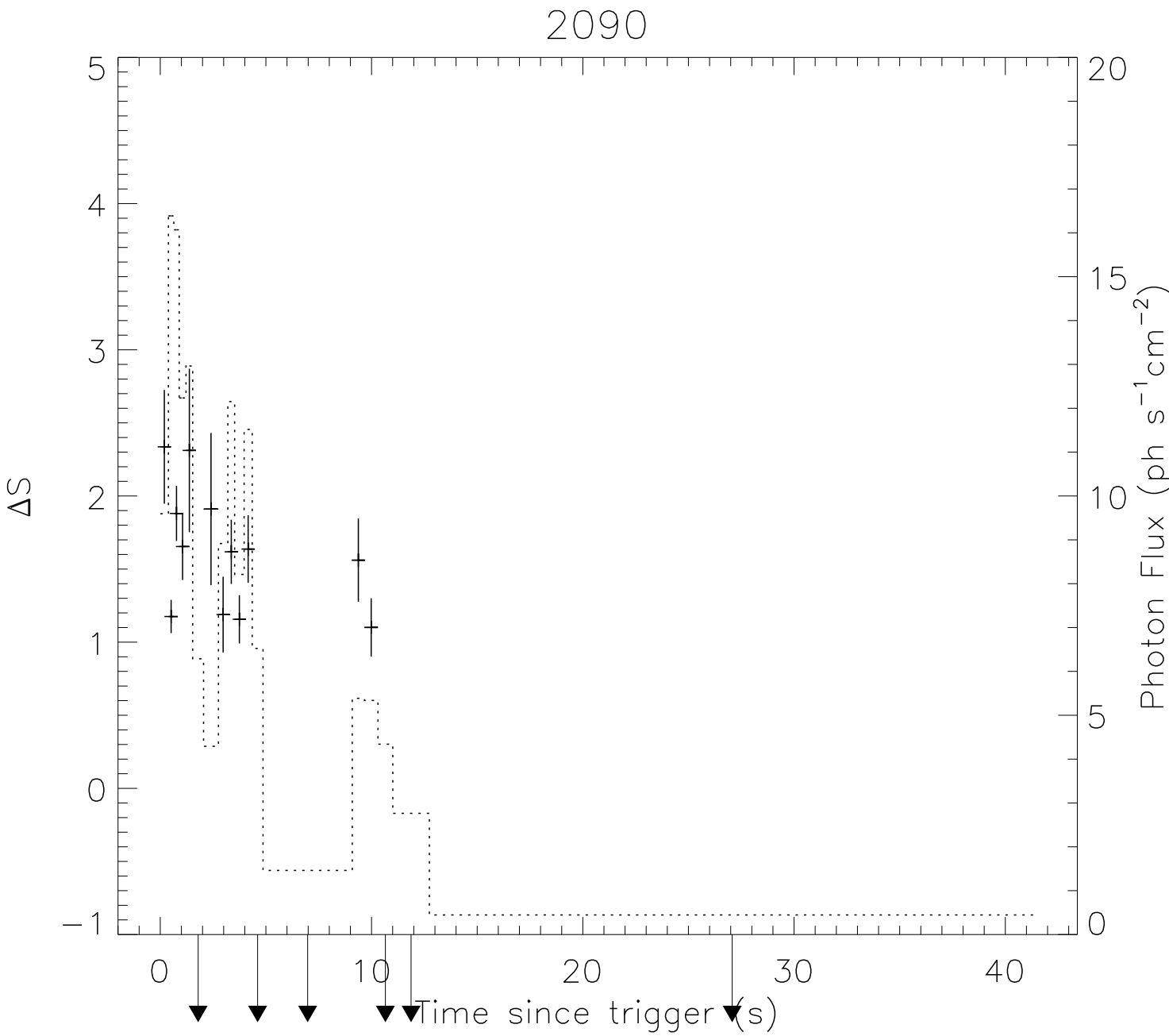

1982
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
3.0
2.5
2.0
1.5
1.0
0.5
0
5
10
15
20
25

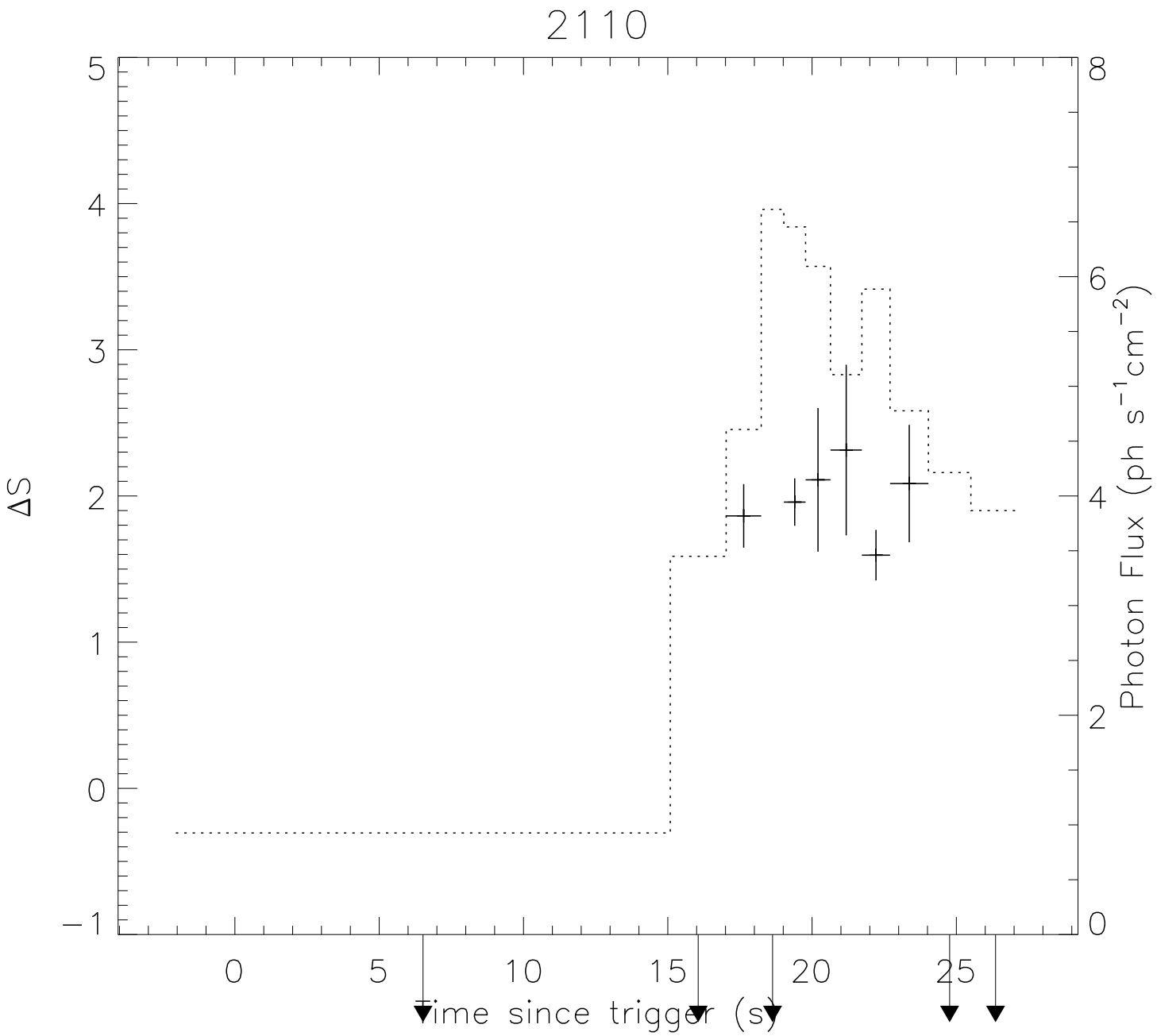

1989
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
50
100
150
200
250
300

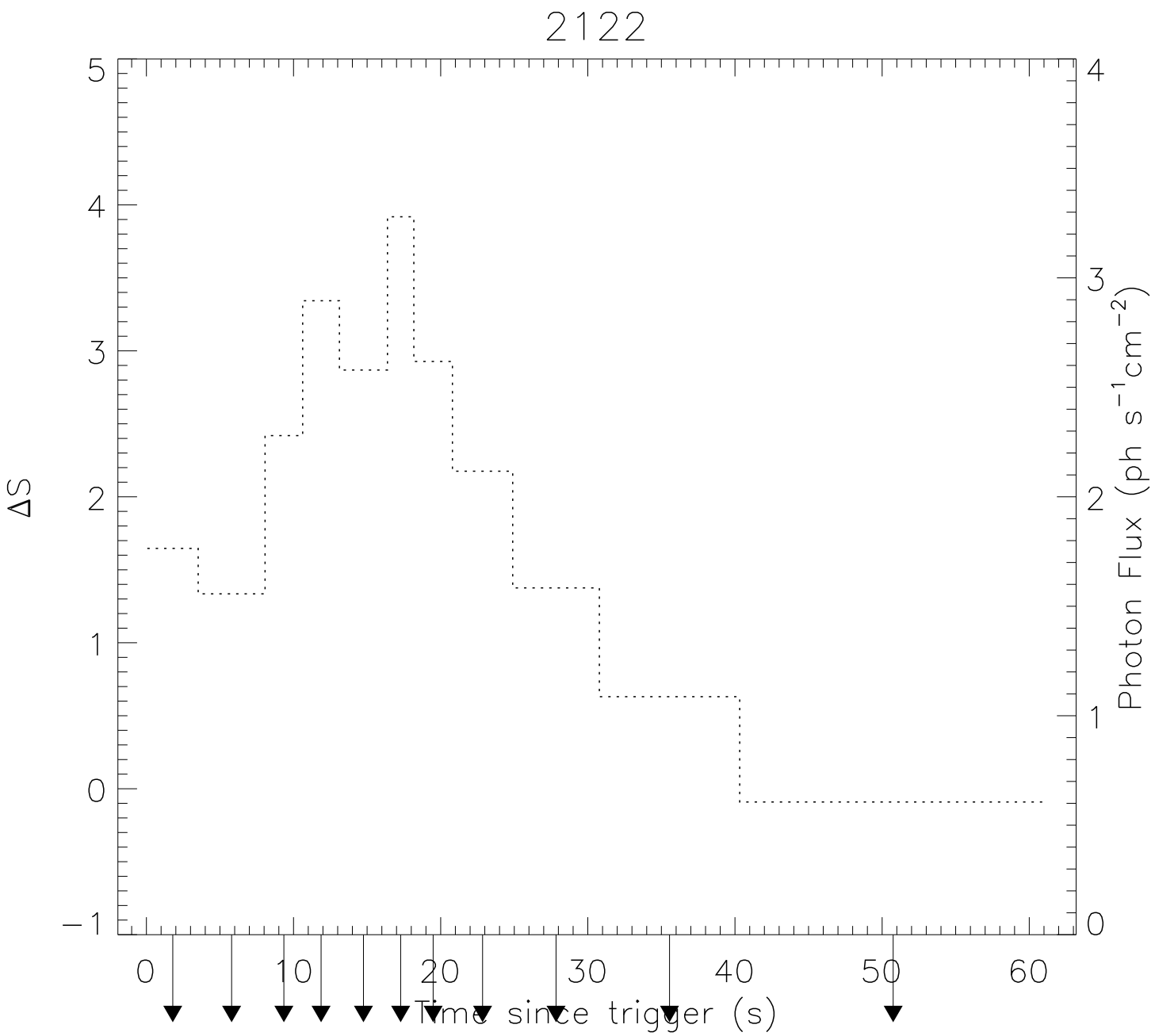

1997
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
12
10
8
6
4
2
0
0
10
20
30
40

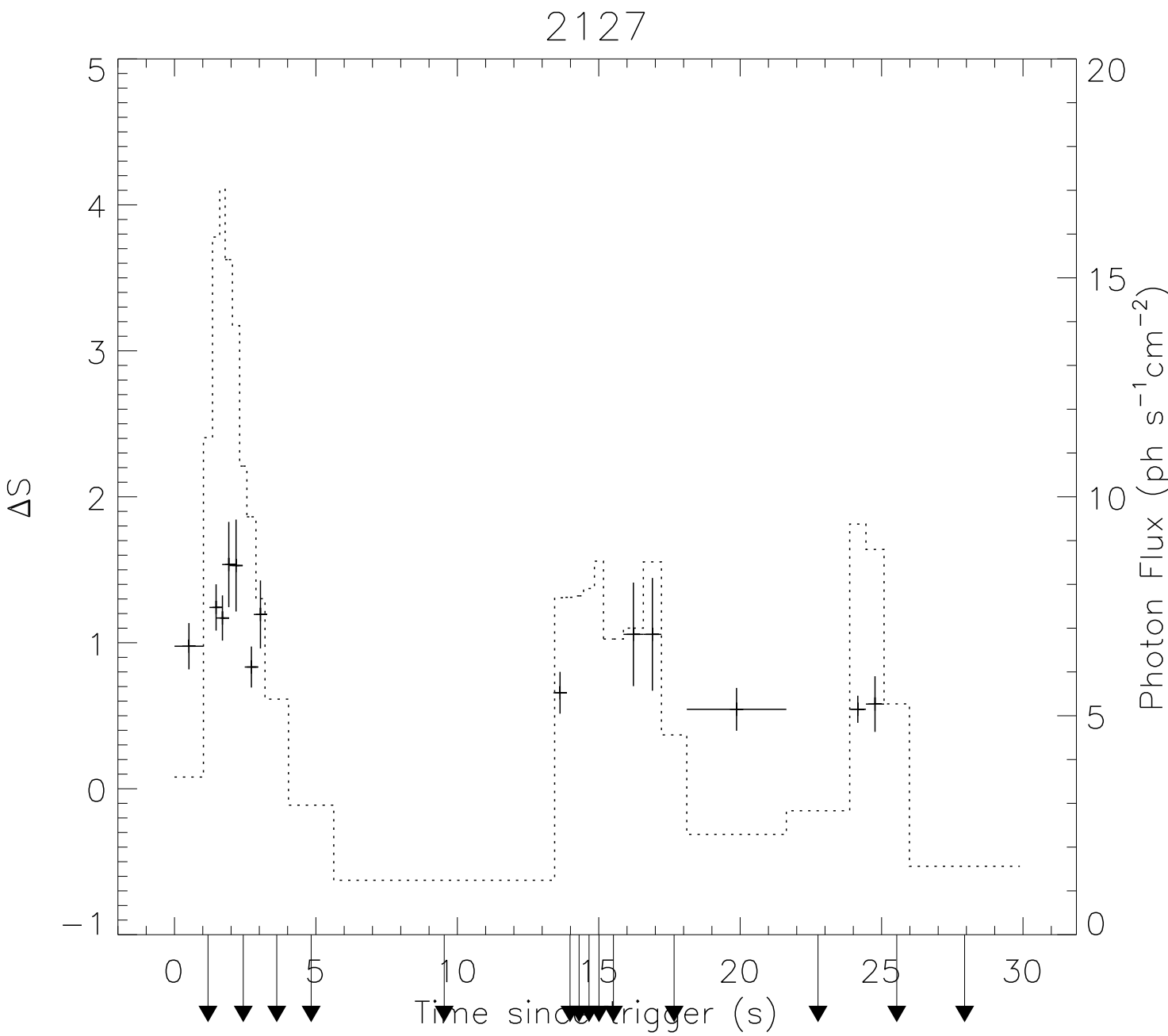

2061
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
−50
0
50
100
150
−1
0
1
2
3
4
5
0
1
2
3
4

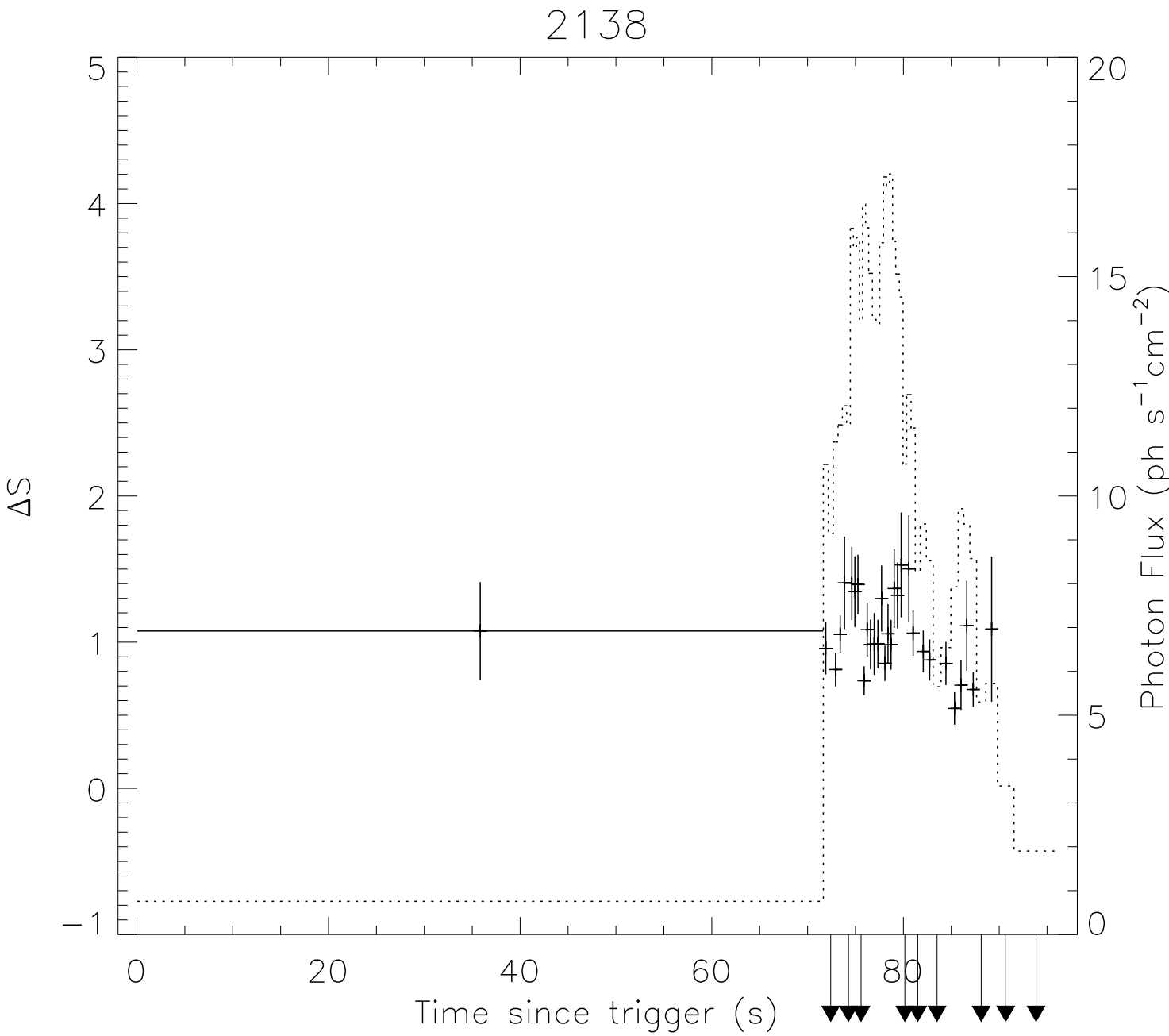

2080
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
12
10
8
6
4
2
0
0
10
20
30
40

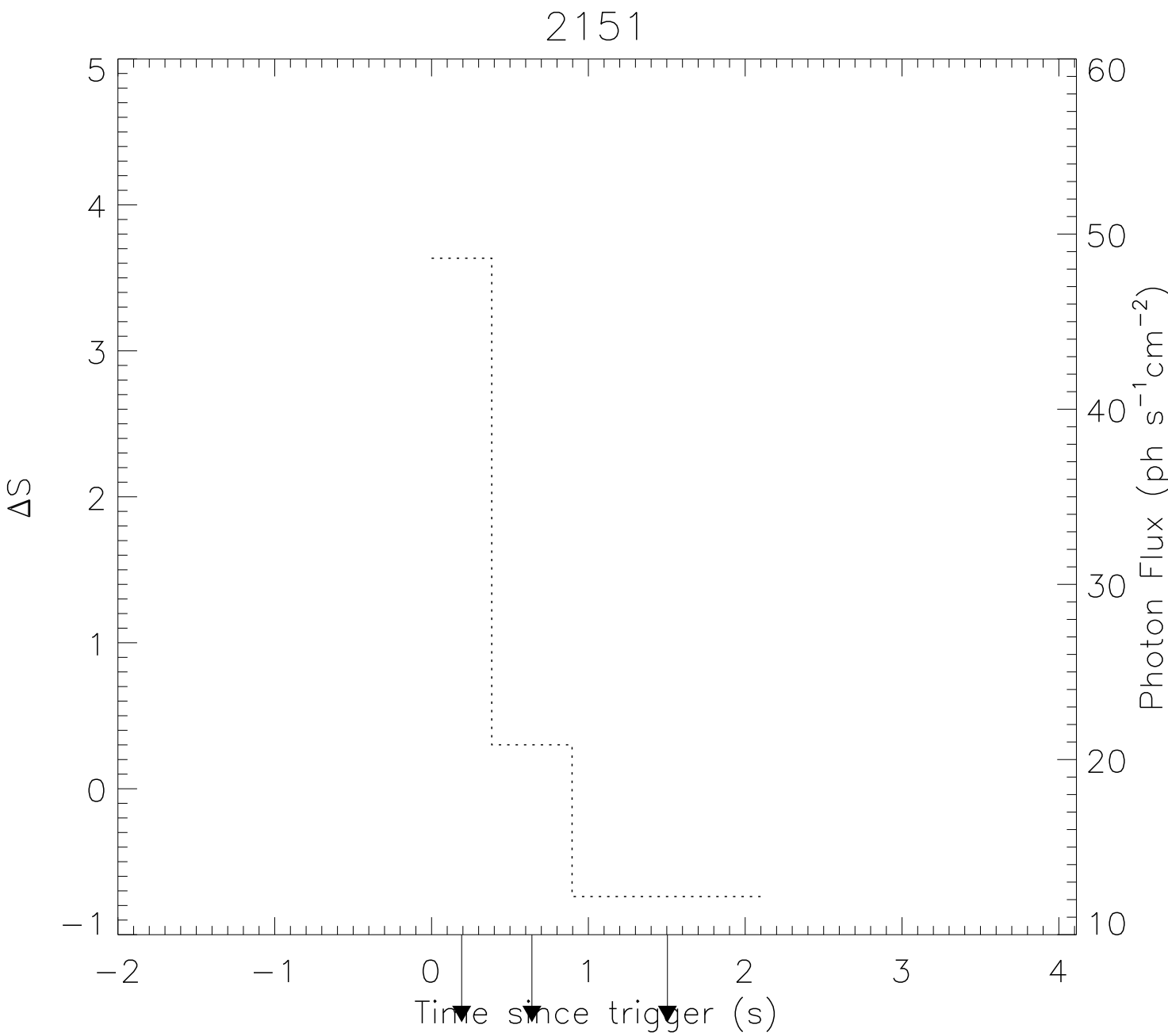

2090
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
10
20
30
40

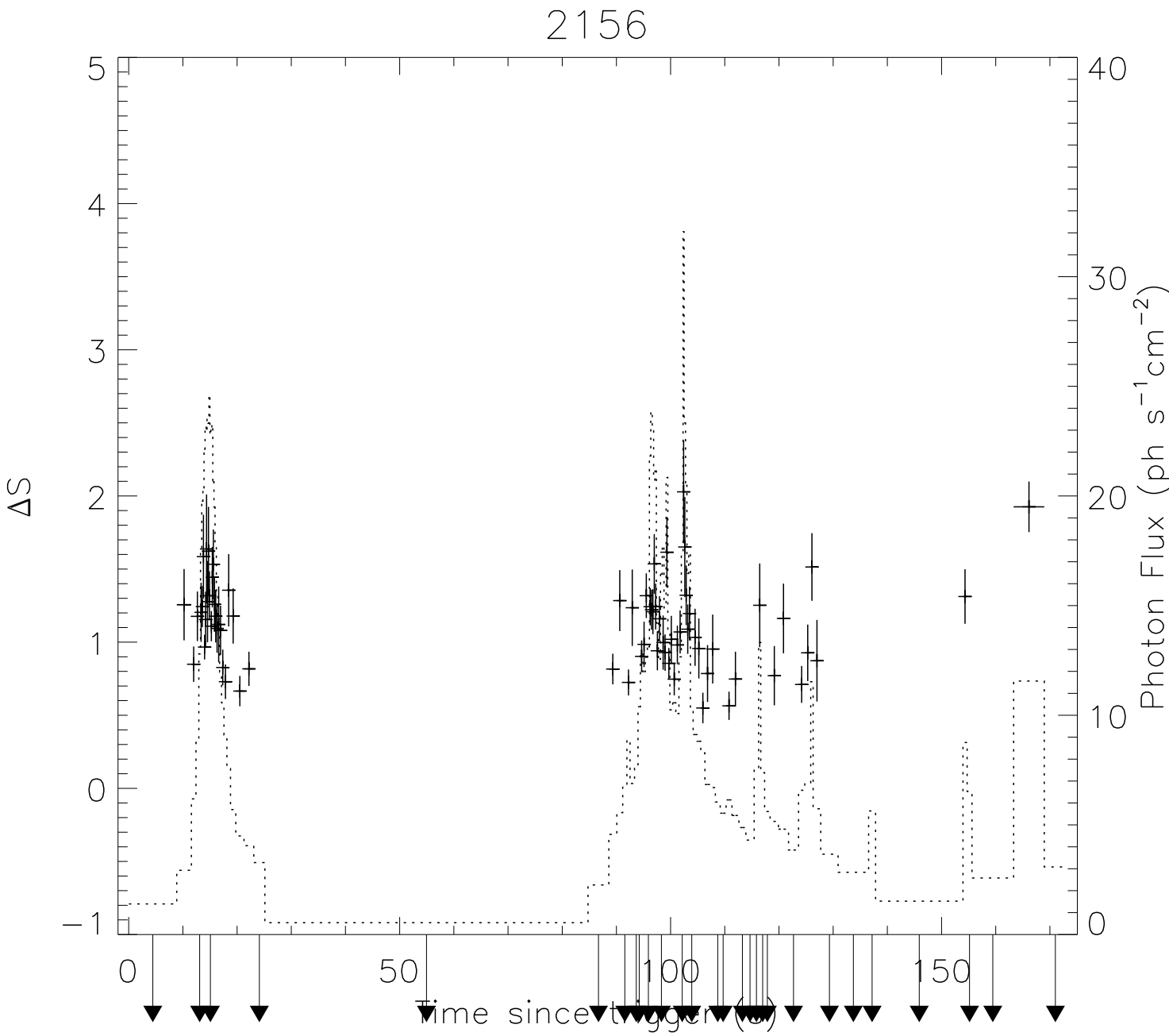

2110
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
5
10
15
20
25

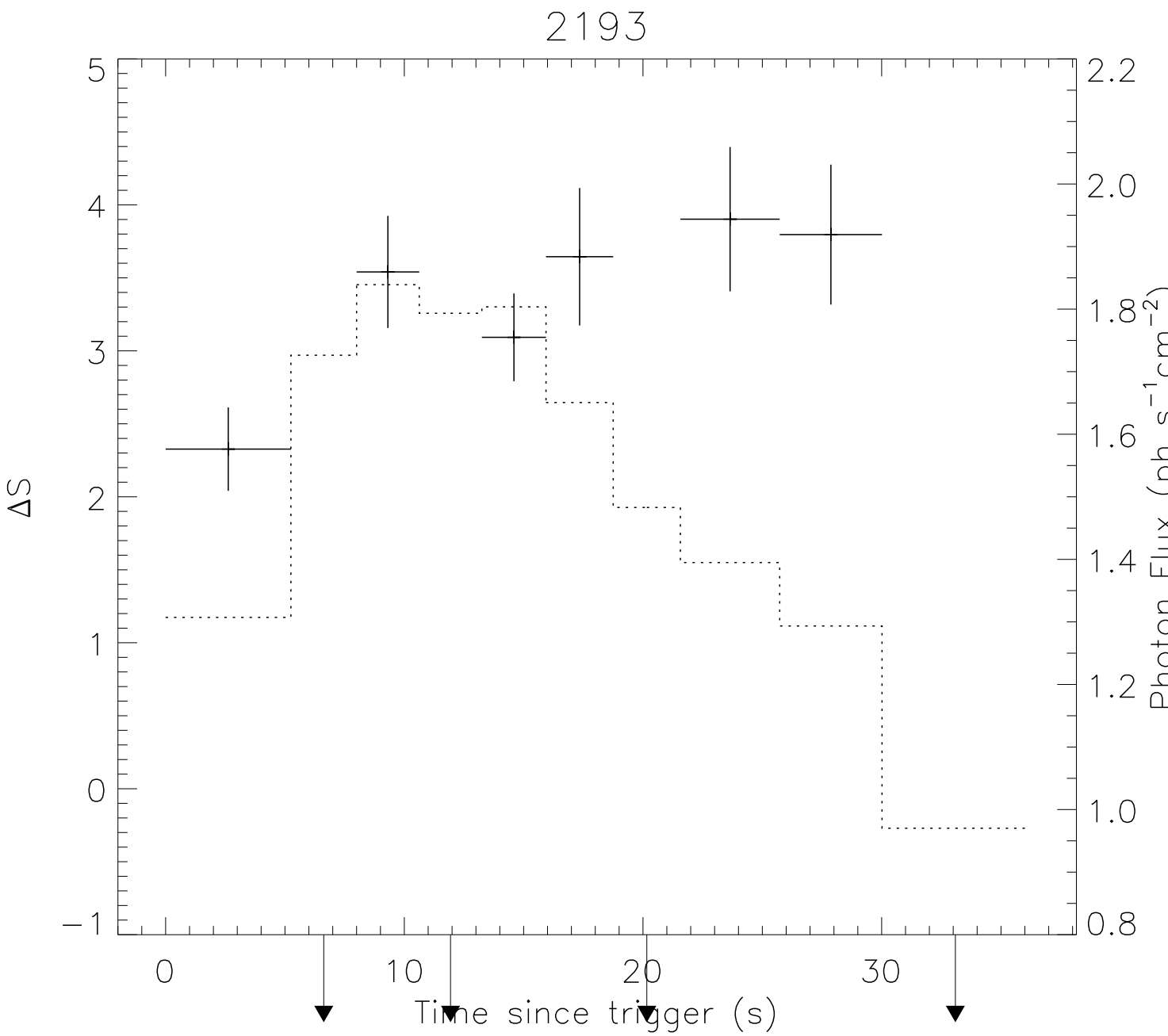

2122
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
4
3
2
1
0
0
10
20
30
40
50
60

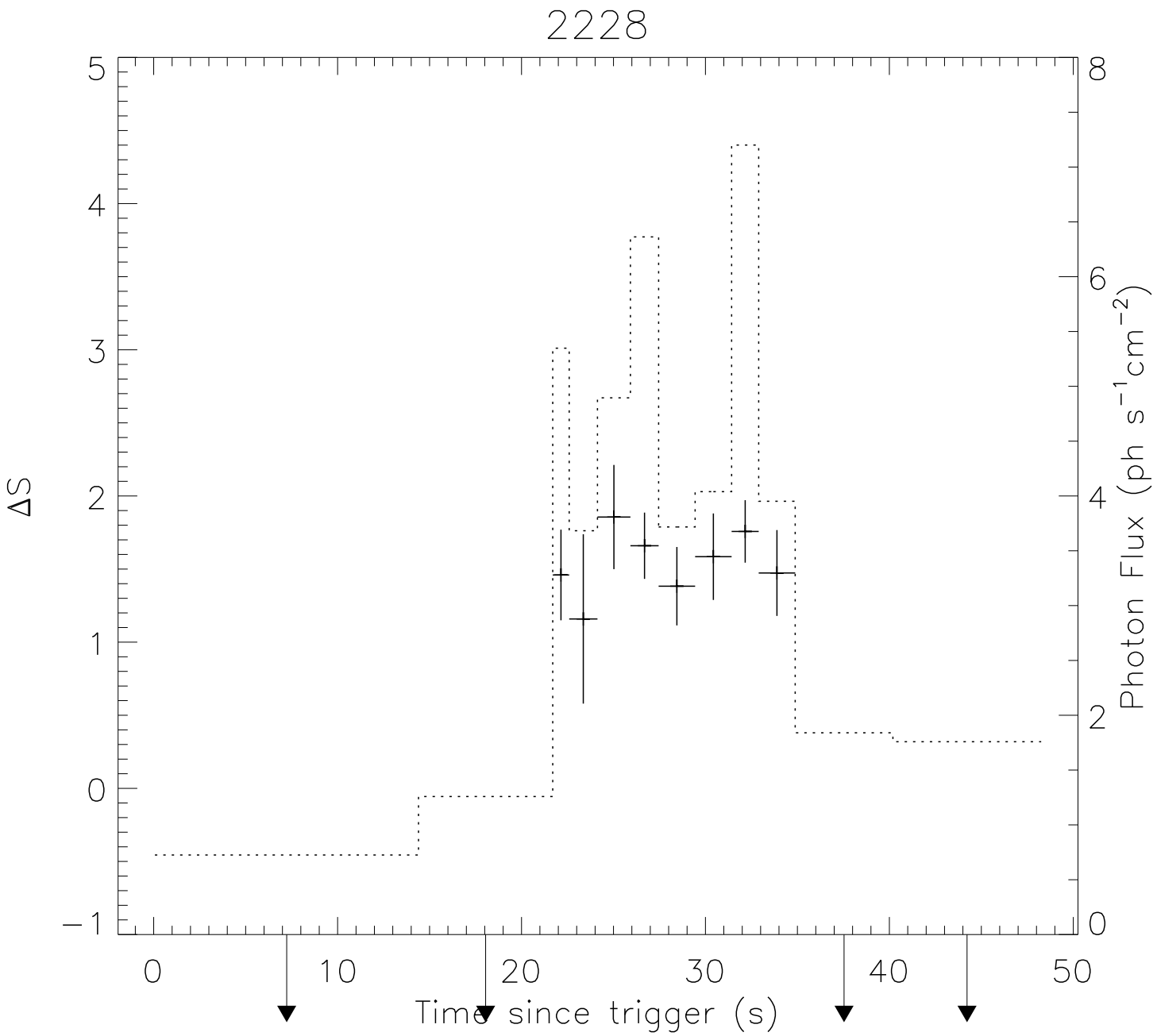

2127
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
5
10
15
20
25
30

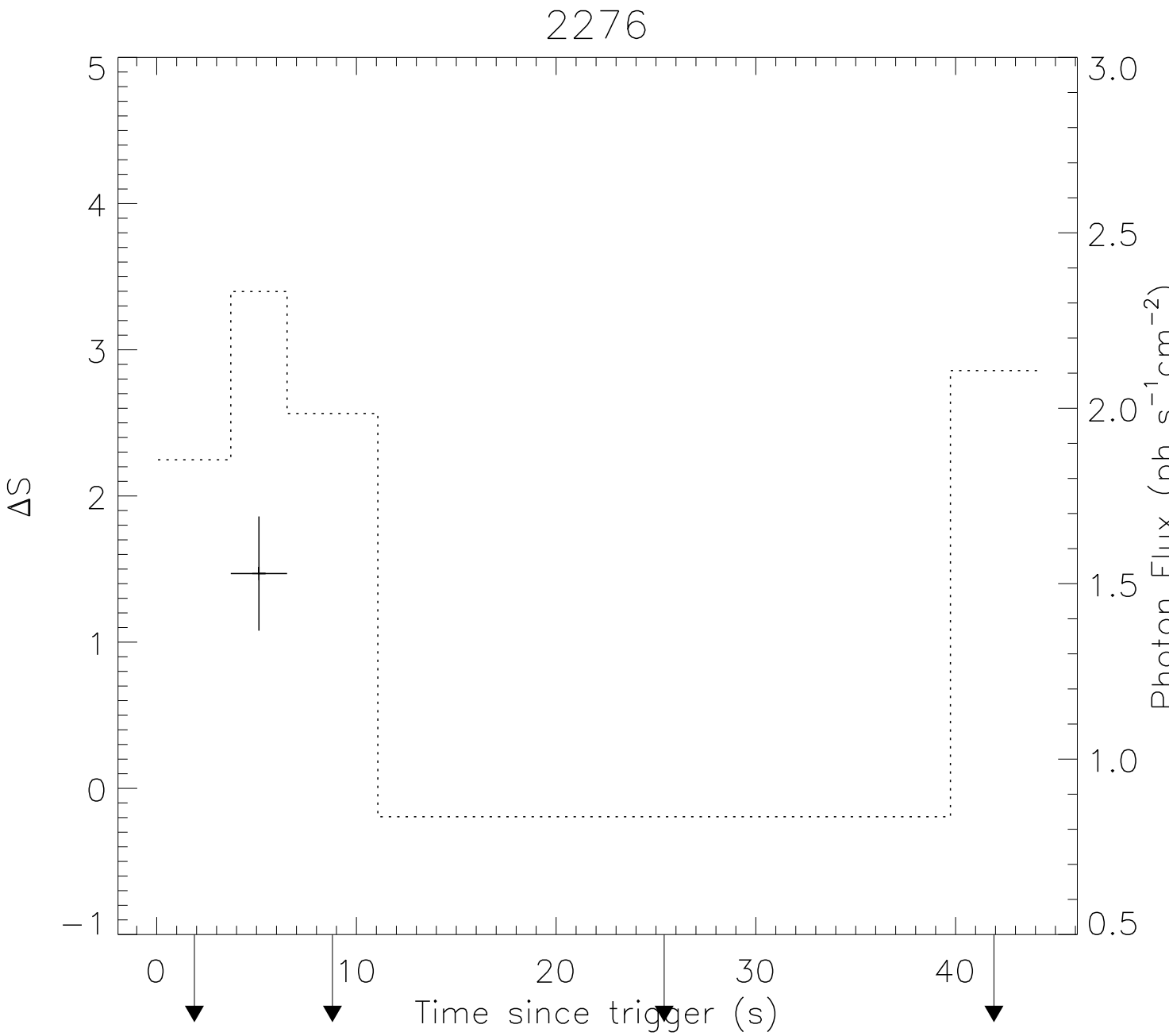

2138
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
−1
0
1
2
3
4
5
0
5
10
15
20

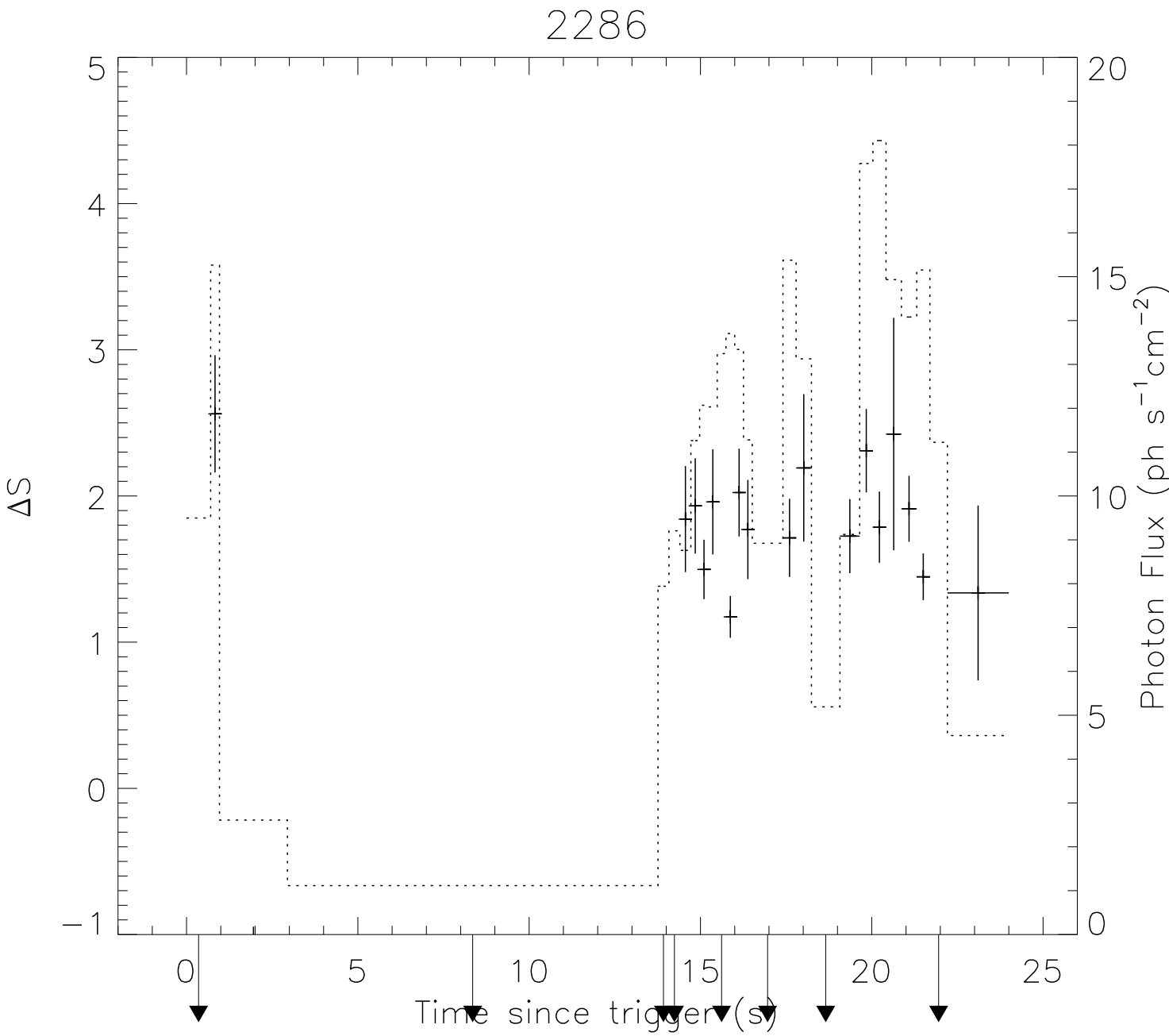

2151
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
60
50
40
30
20
10
−2
−1
0
1
2
3
4

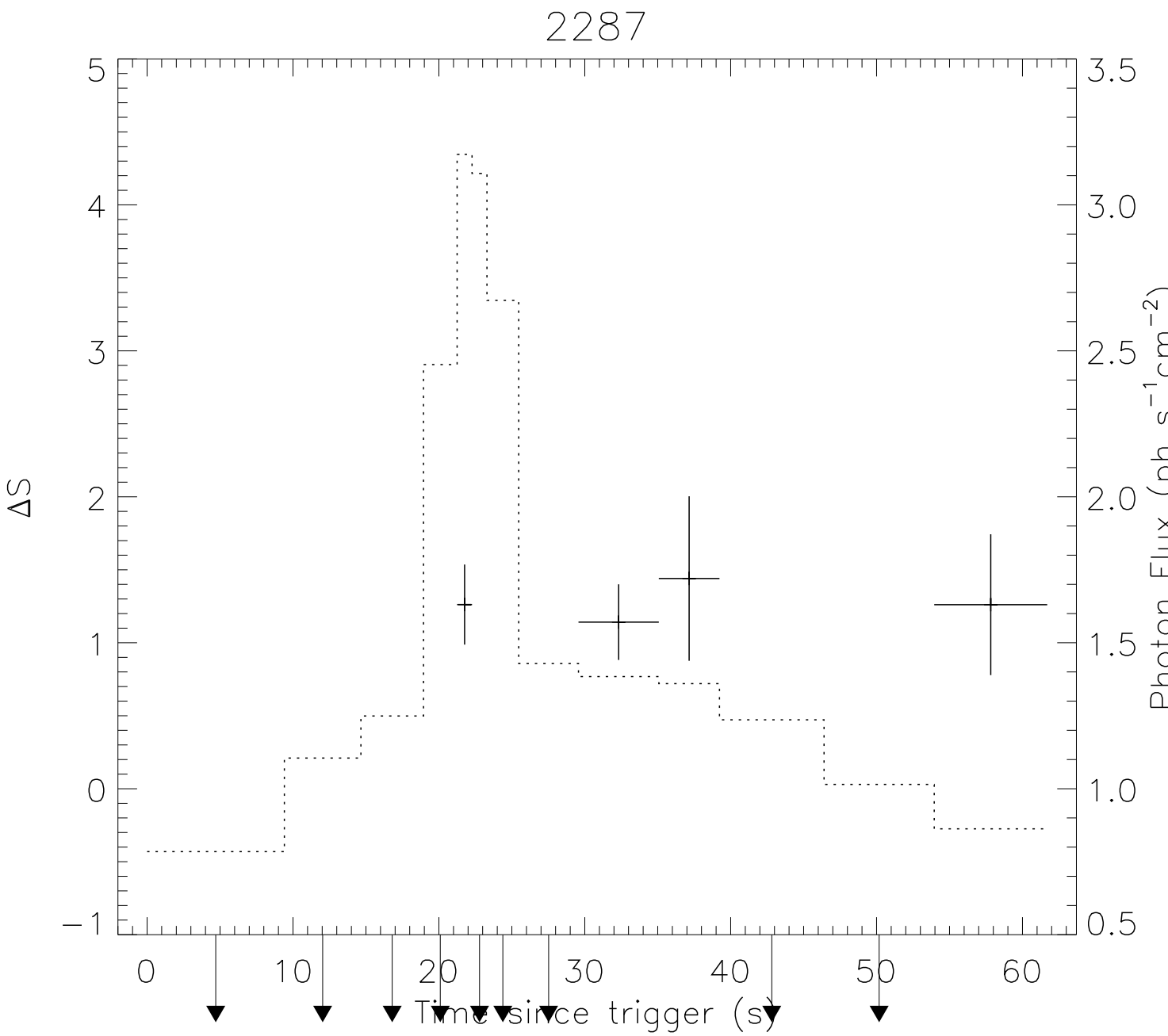

2156
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
50
100
150

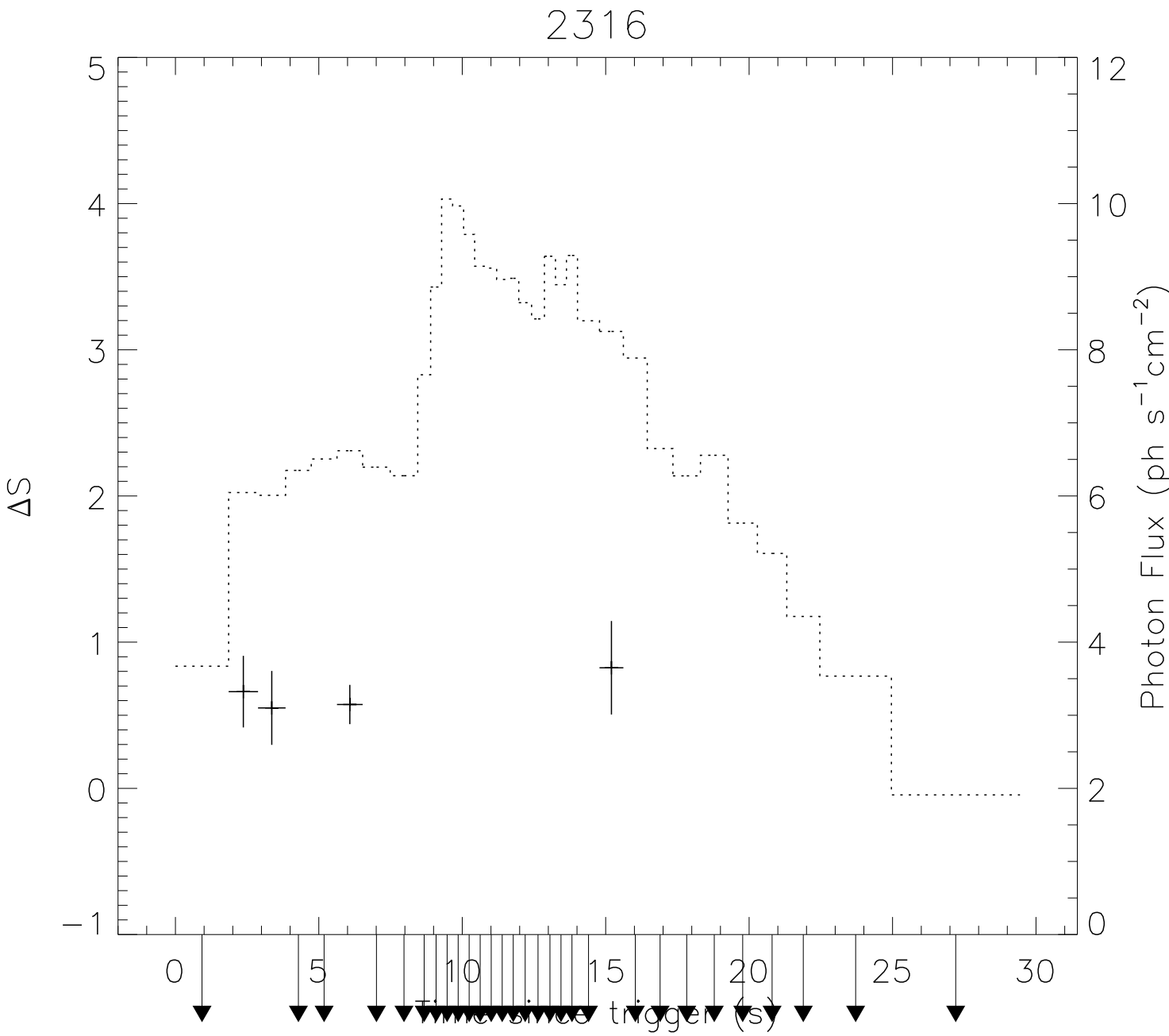

2193
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0
10
20
30

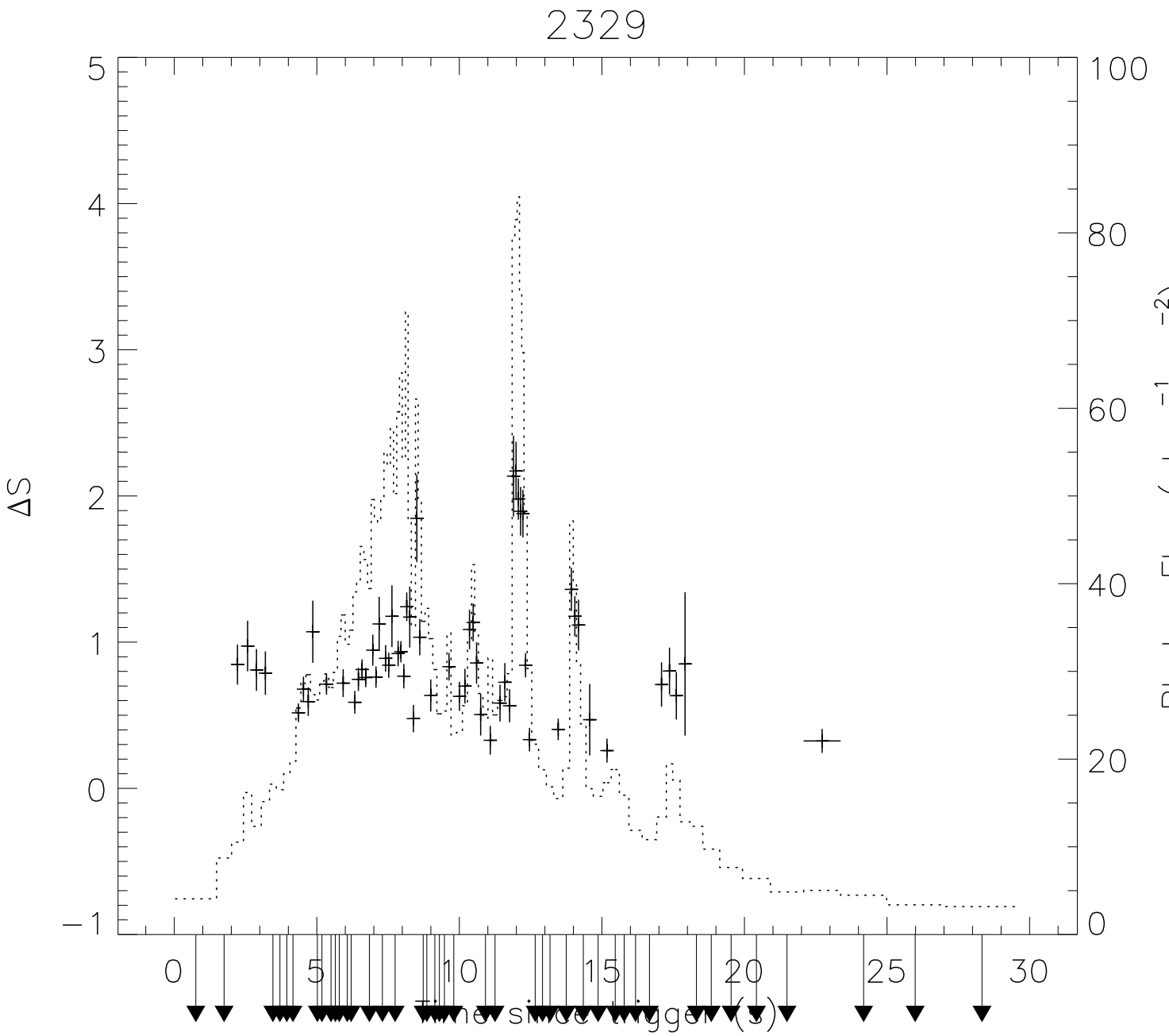

2228
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
10
20
30
40
50

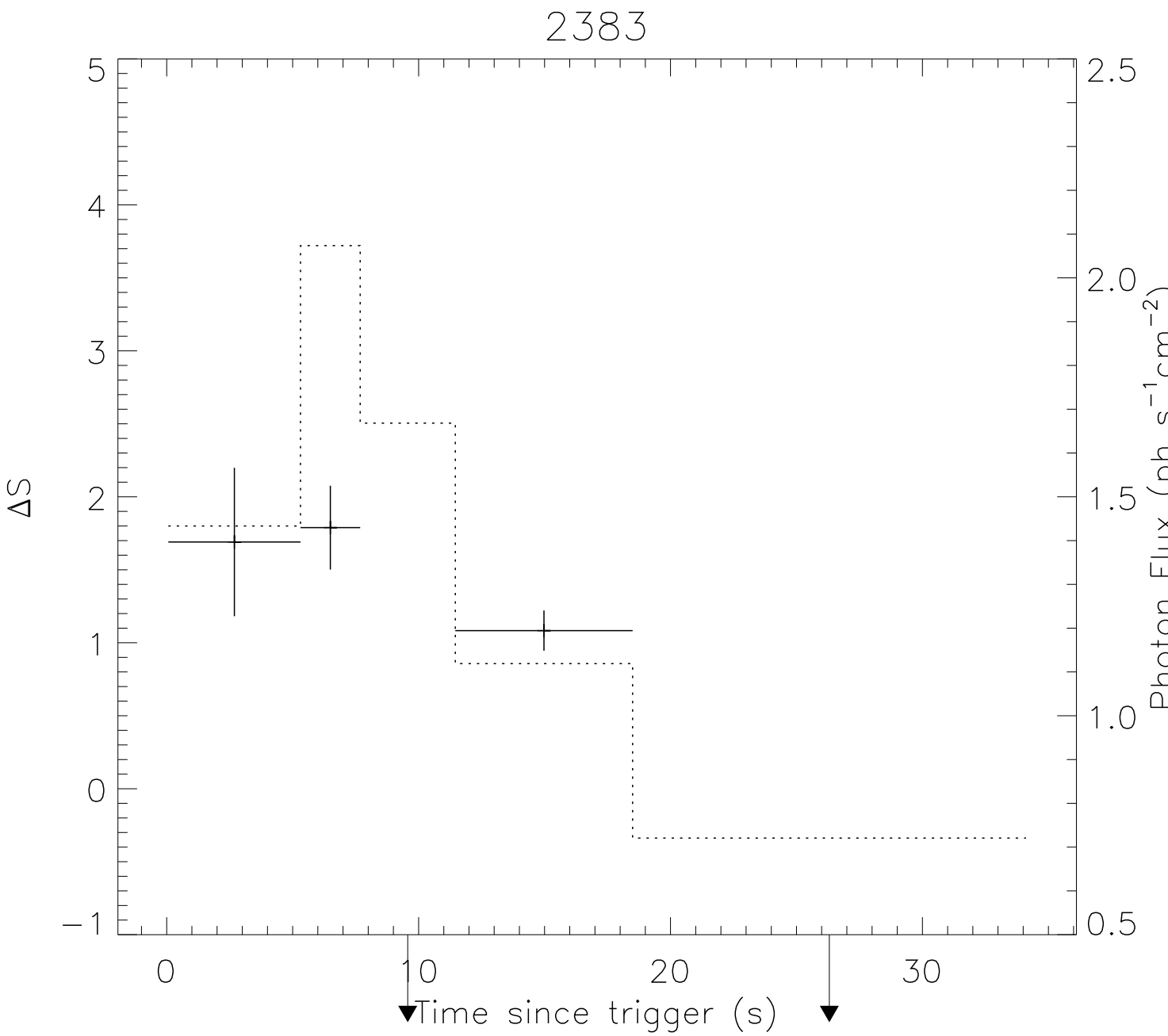

2276
5
4
3
2
1
0
−1
ΔS
3.0
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40
Time since trigger (s)

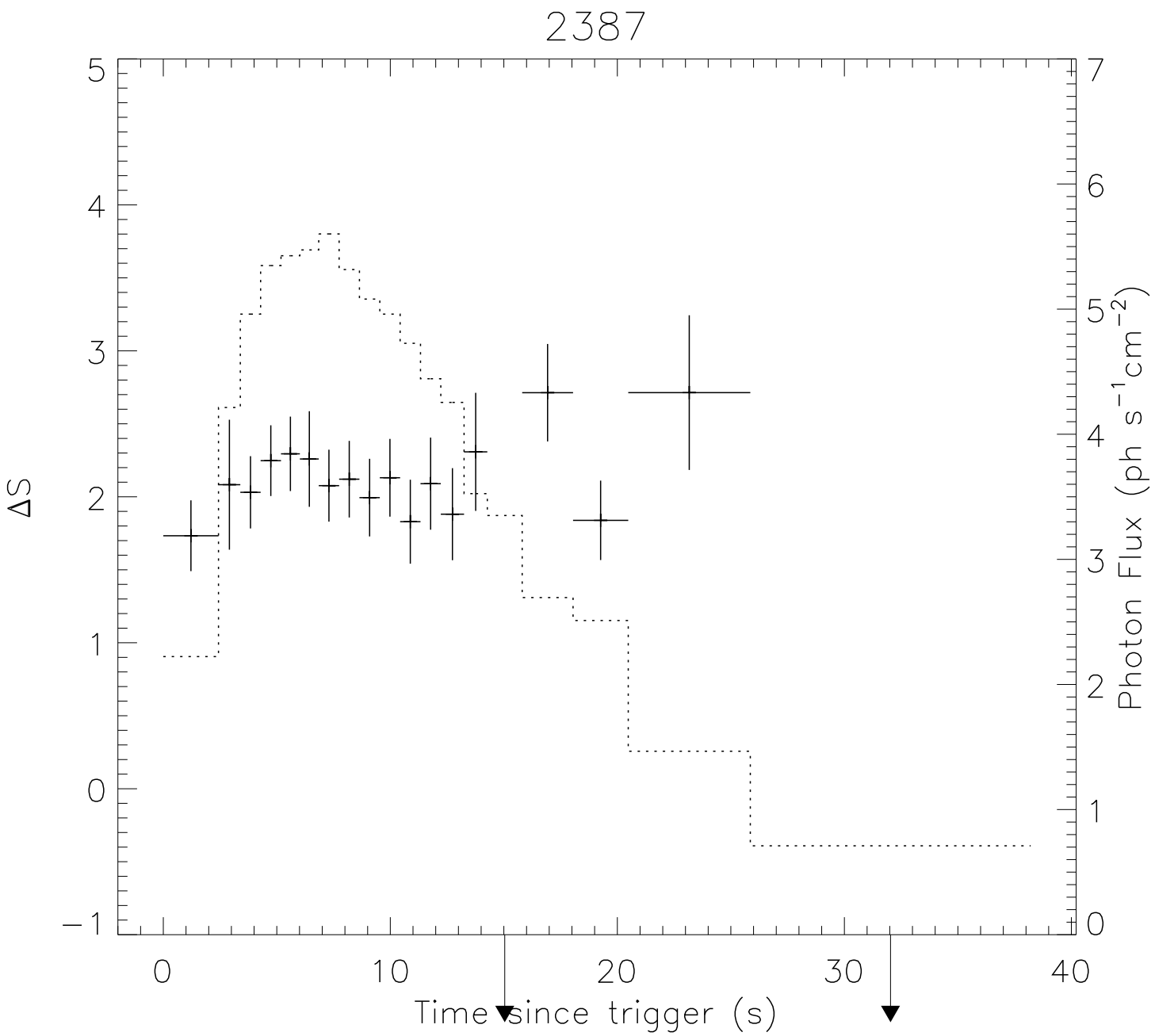

2286
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
5
10
15
20
25

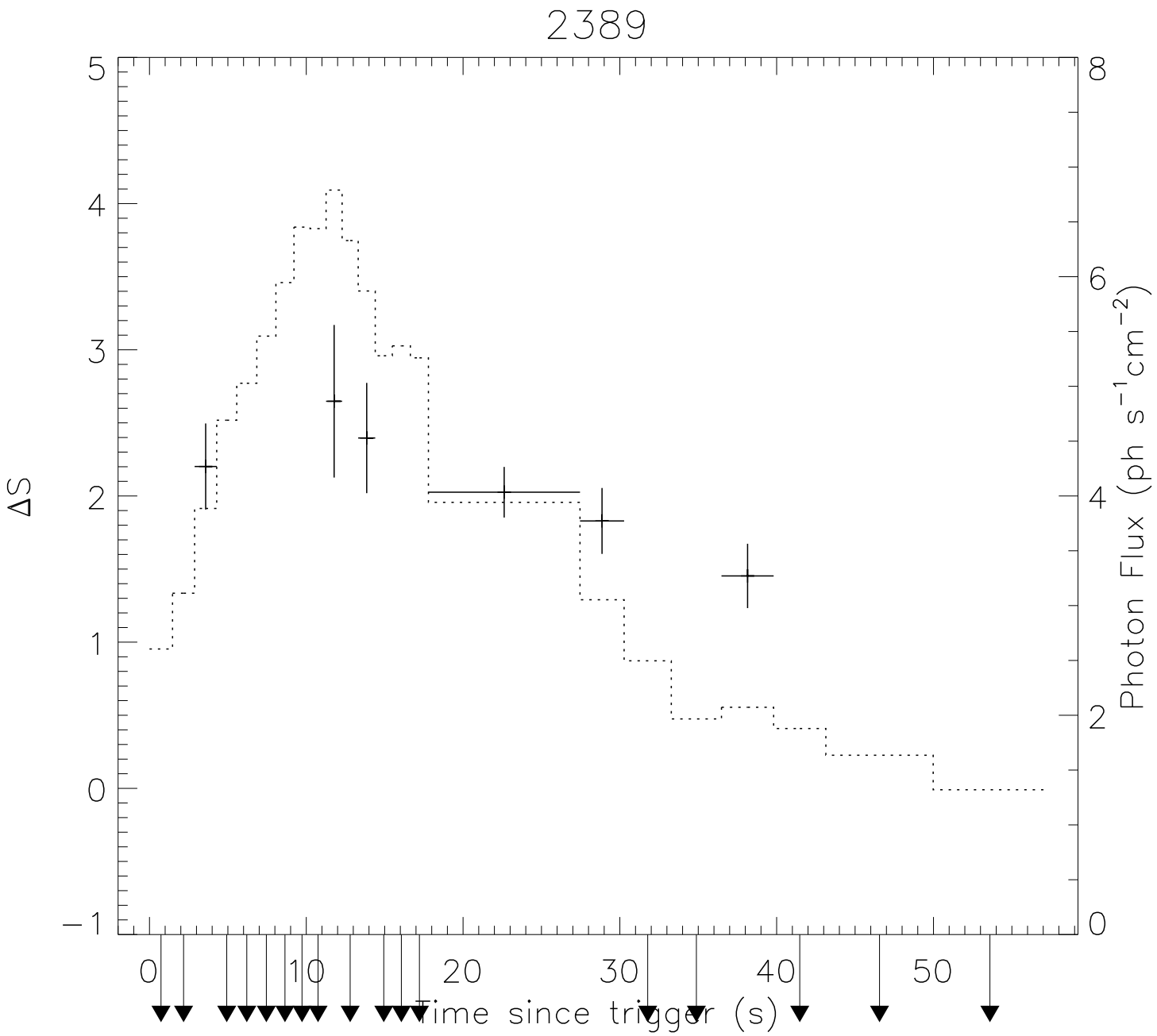

2287
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40
50
60

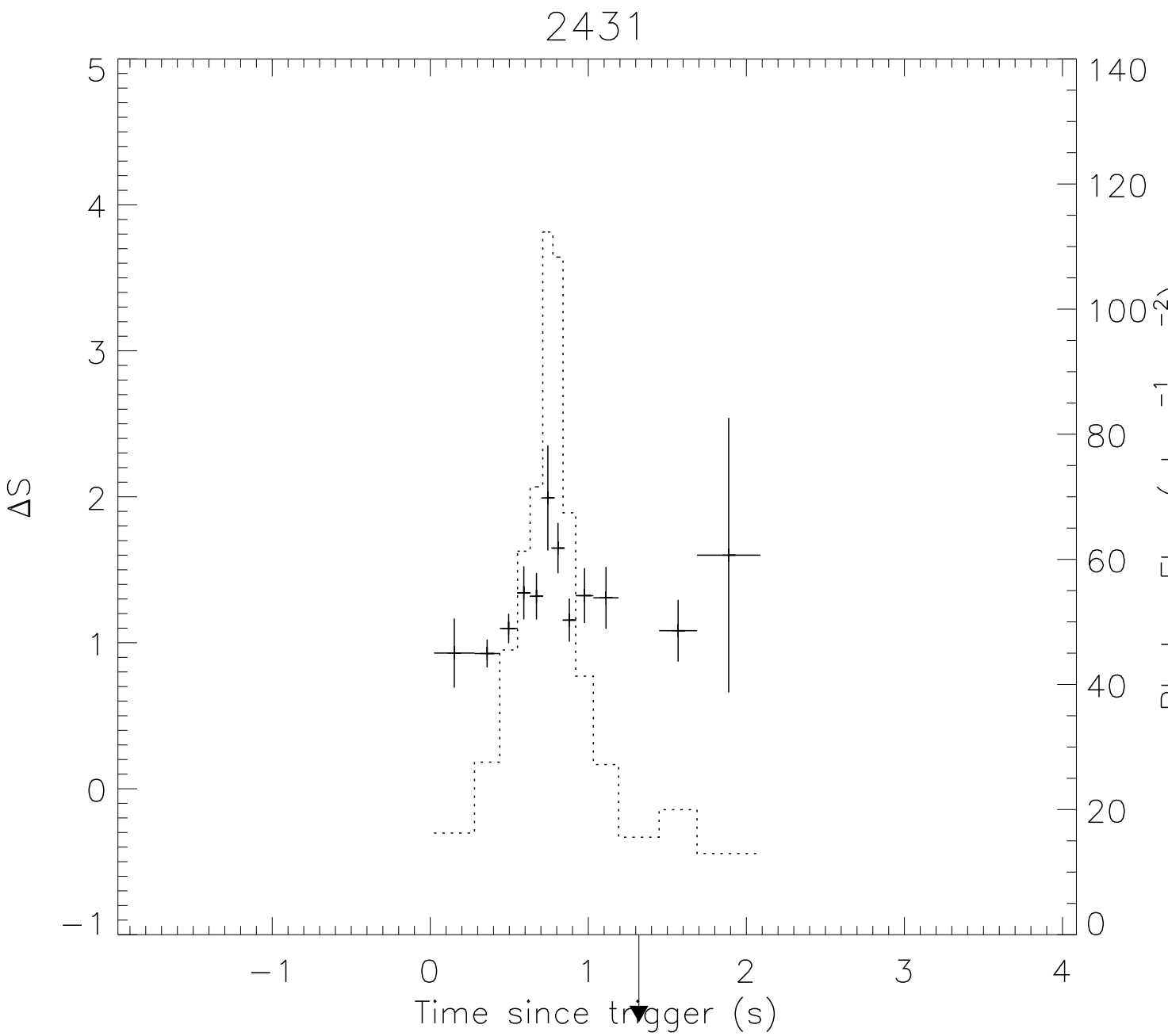

2316
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
12
10
8
6
4
2
0
0
5
10
15
20
25
30

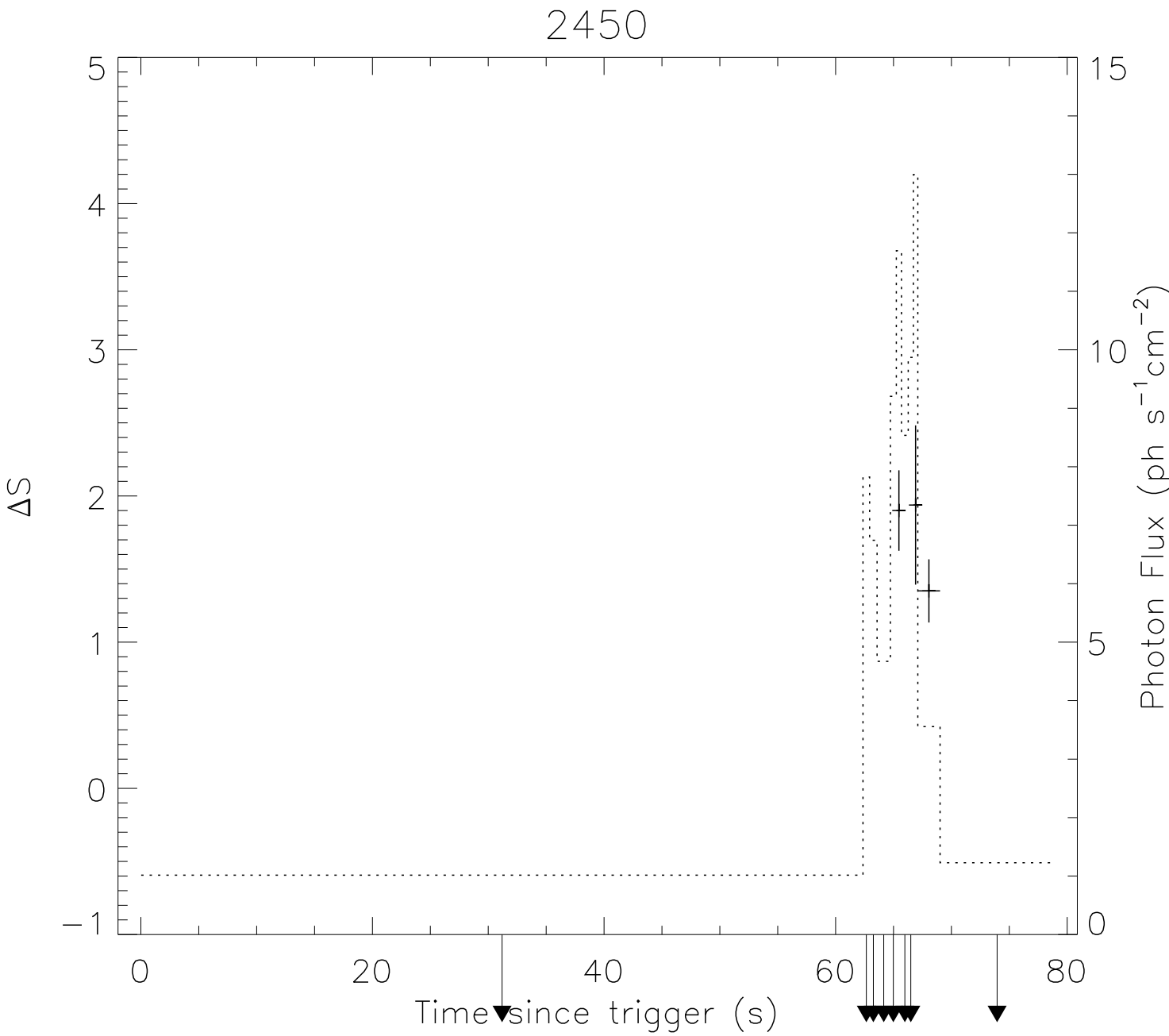

2329
ΔS
5
4
3
2
1
0
−1
100
80
60
40
20
0
0
5
10
15
20
25
30

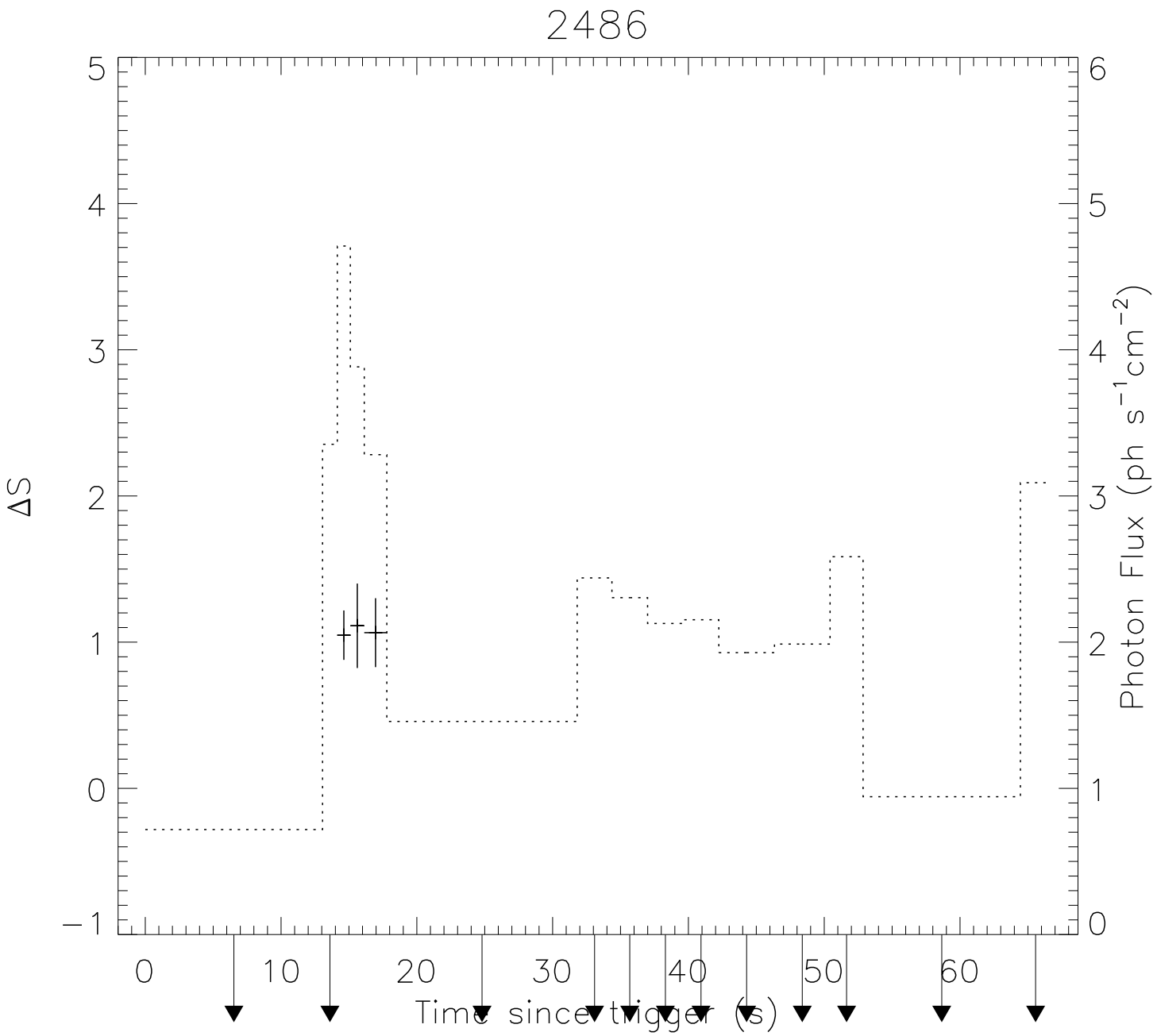

2383
5
4
3
2
1
0
−1
ΔS
2.5
2.0
1.5
1.0
0.5
0
10
20
30
Time since trigger (s)

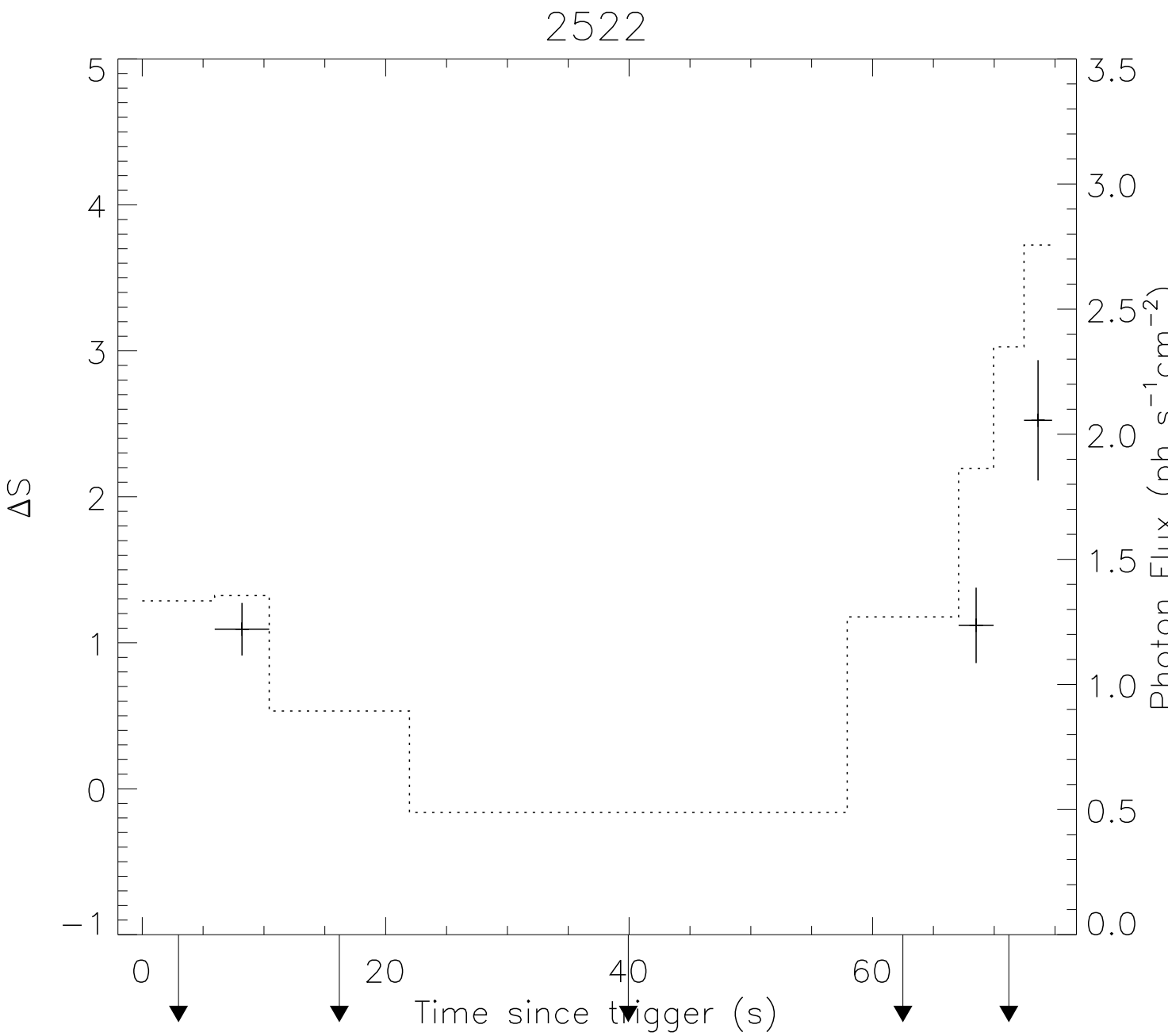

2387
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
7
6
5
4
3
2
1
0
0
10
20
30
40

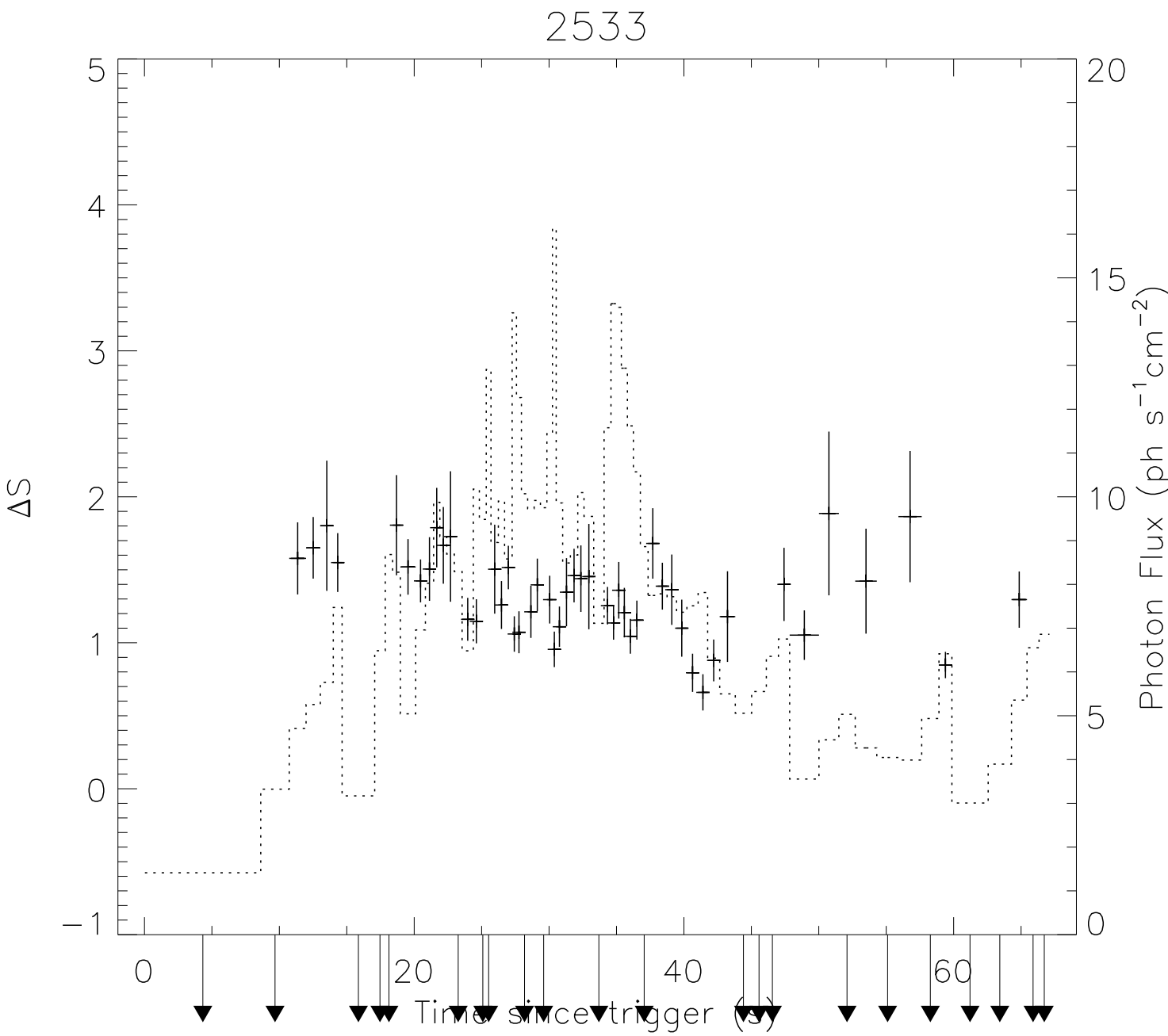

2389
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
10
20
30
40
50

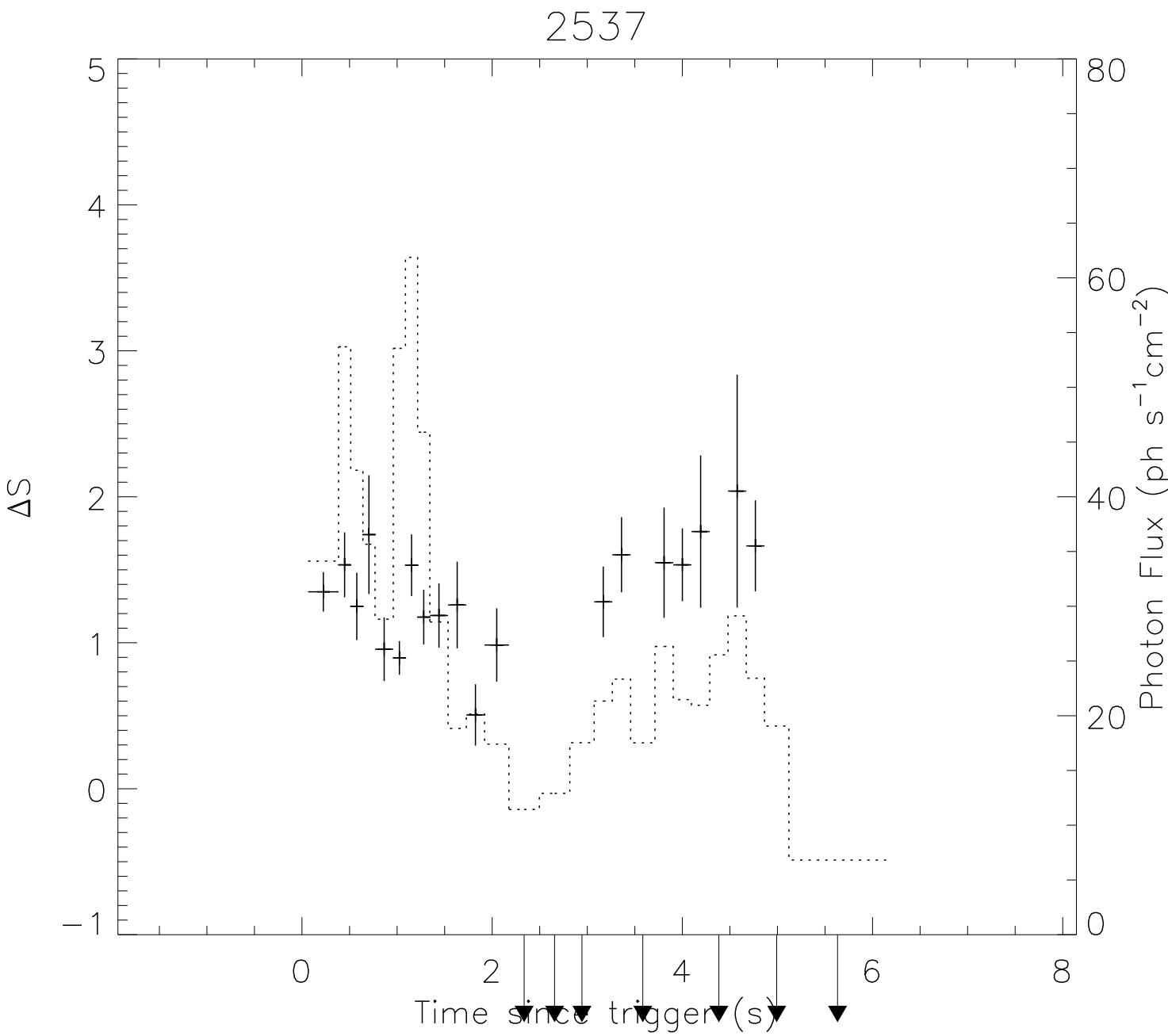

2431
ΔS
Time since trigger (s)
5
4
3
2
1
0
−1
−1
0
1
2
3
4
140
120
100
80
60
40
20
0

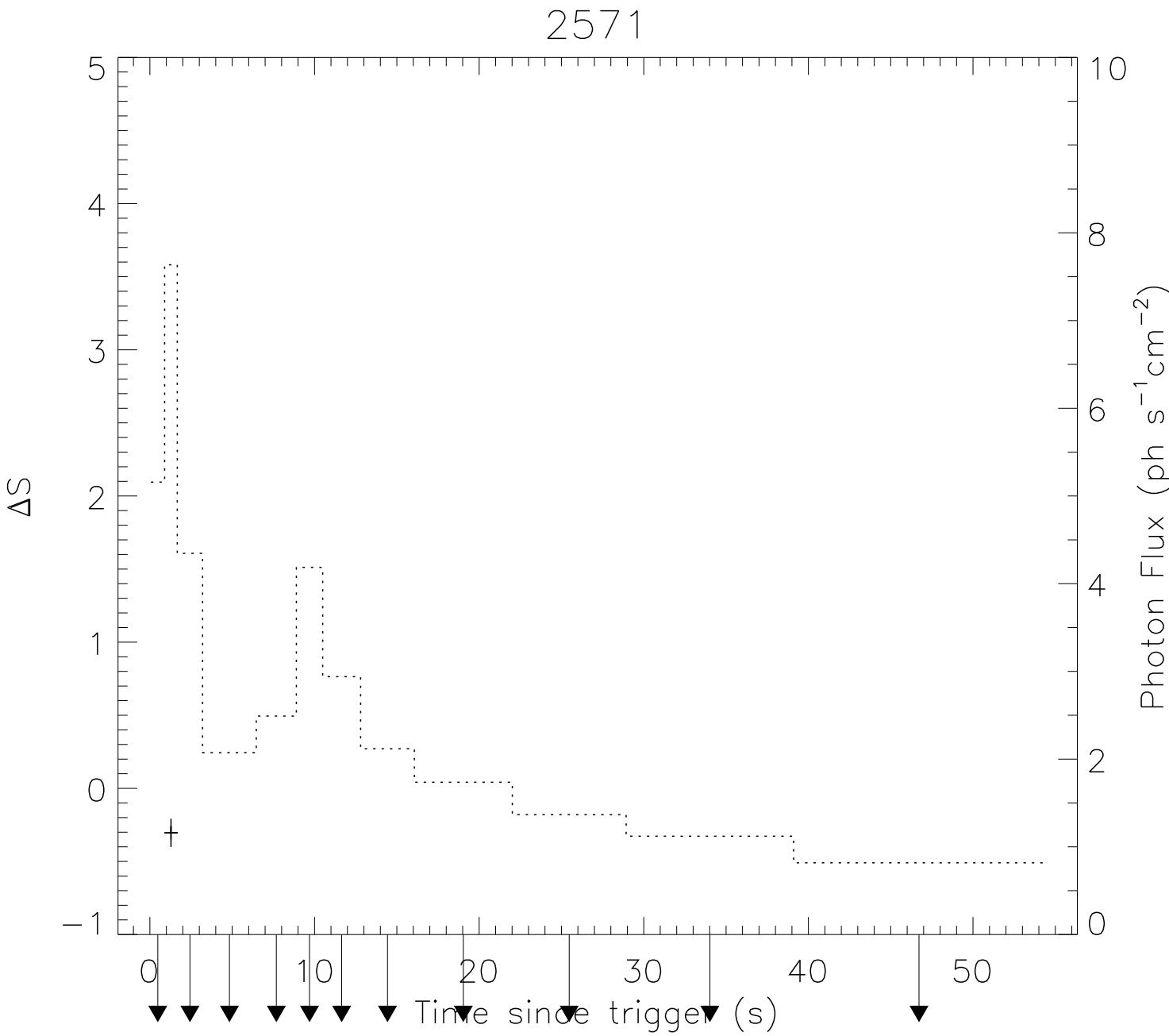

2450
5
4
3
2
1
0
−1
ΔS
15
10
5
0
Photon Flux (ph s^{-1}cm^{-2})
0
20
40
60
80
Time since trigger (s)

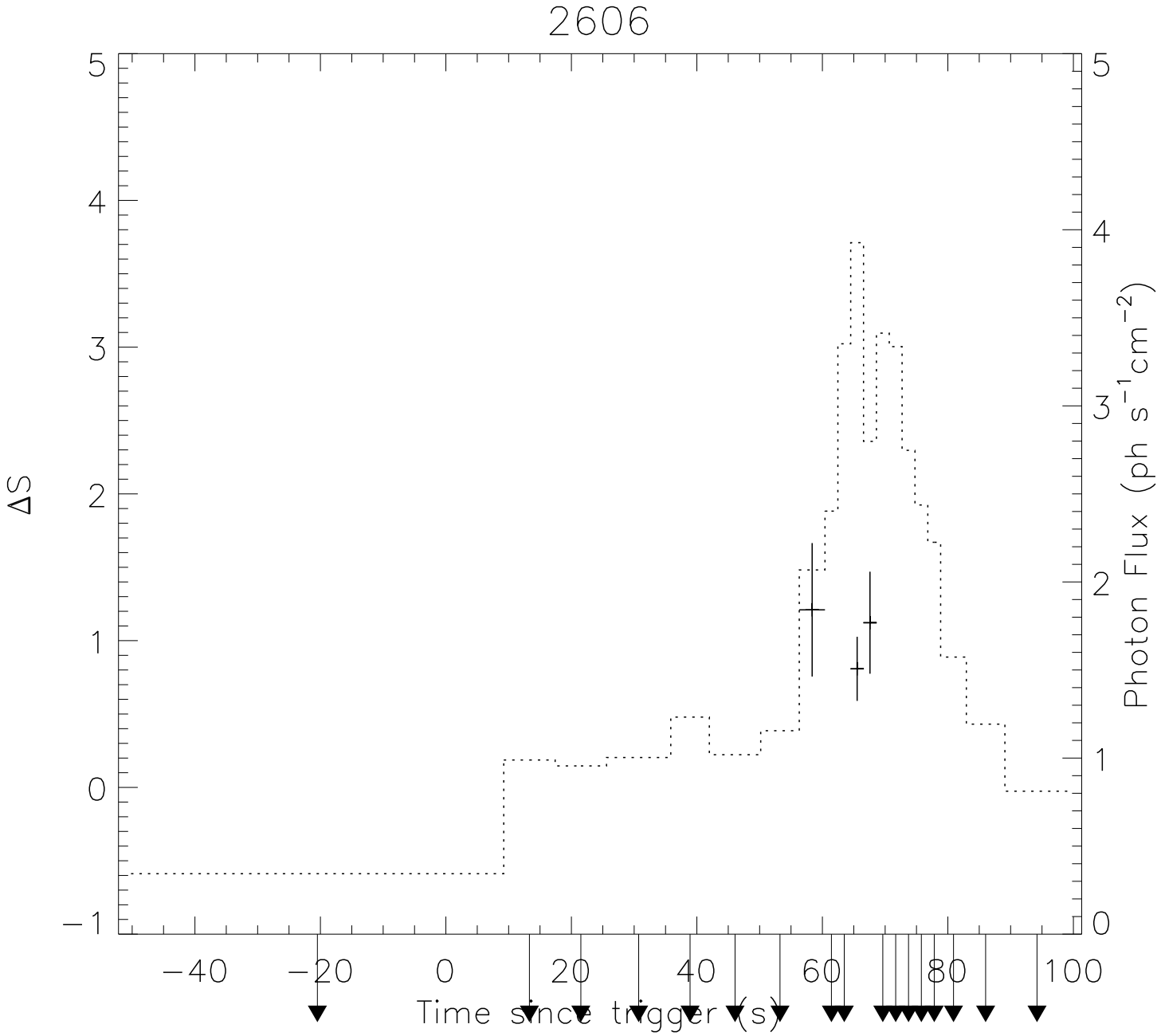

2486
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
50
60
−1
0
1
2
3
4
5
6

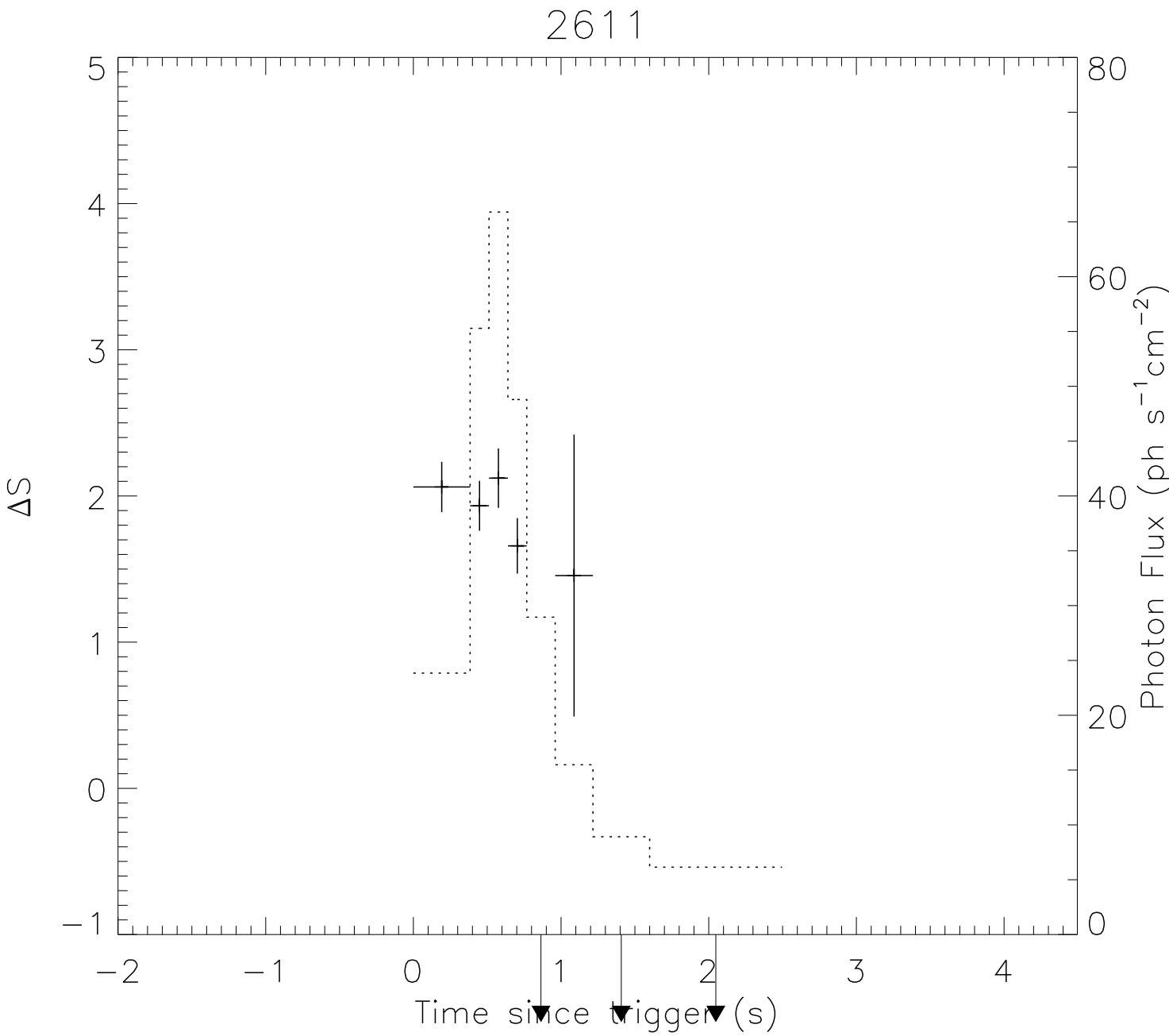

2522
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
0
20
40
60
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0

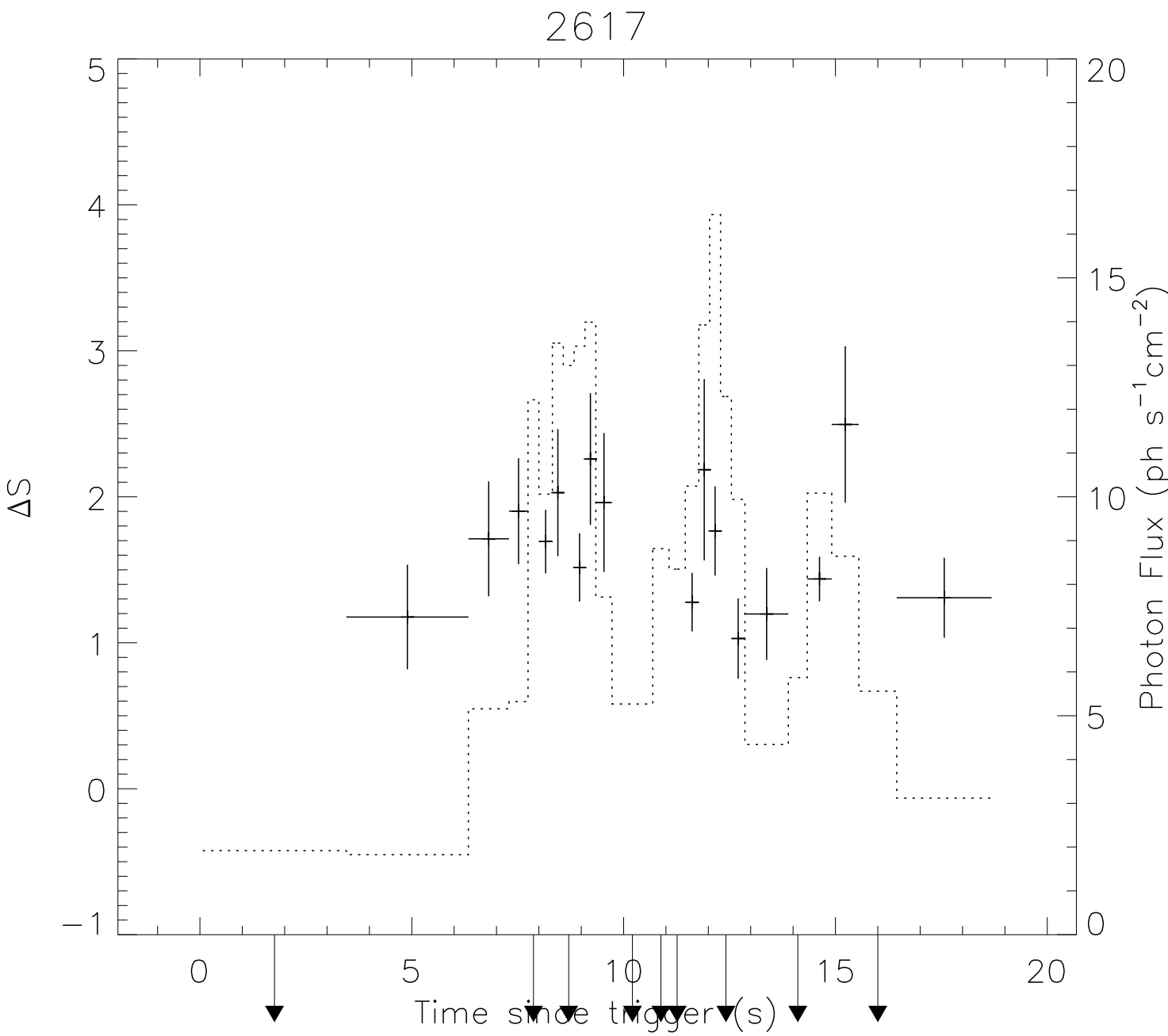

2533
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
20
40
60

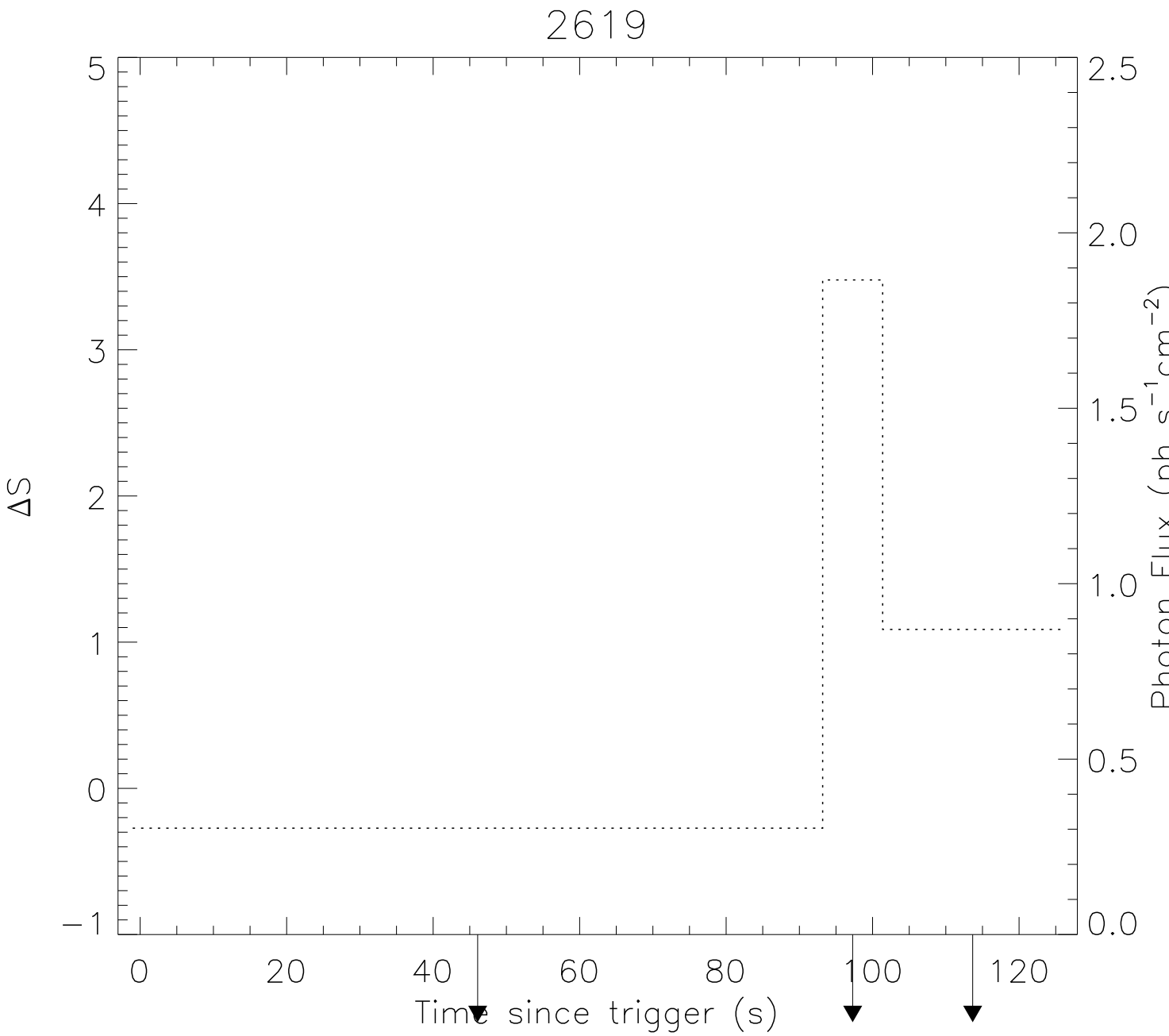

2537
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
0
2
4
6
8

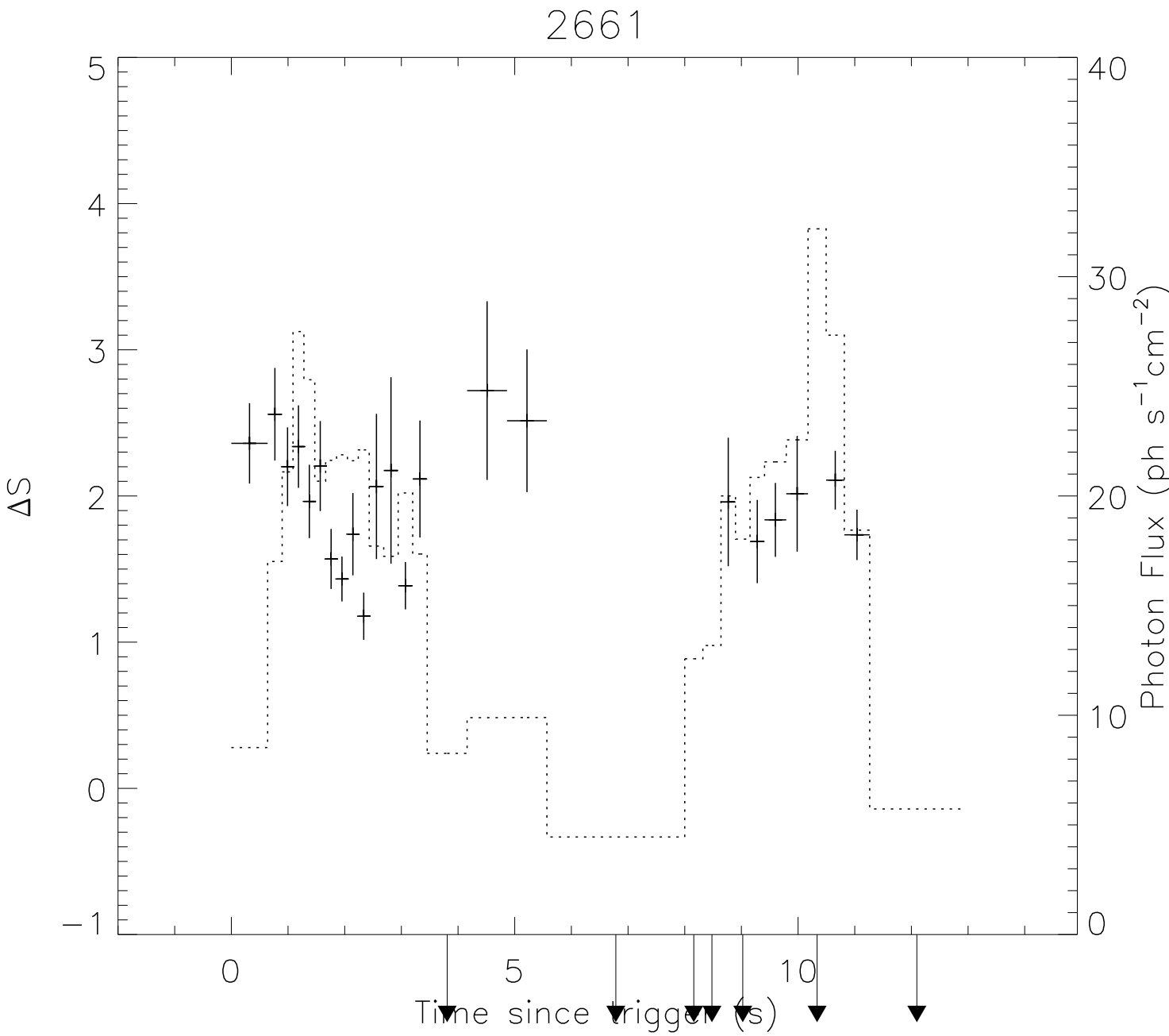

2571
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
10
8
6
4
2
0
0
10
20
30
40
50

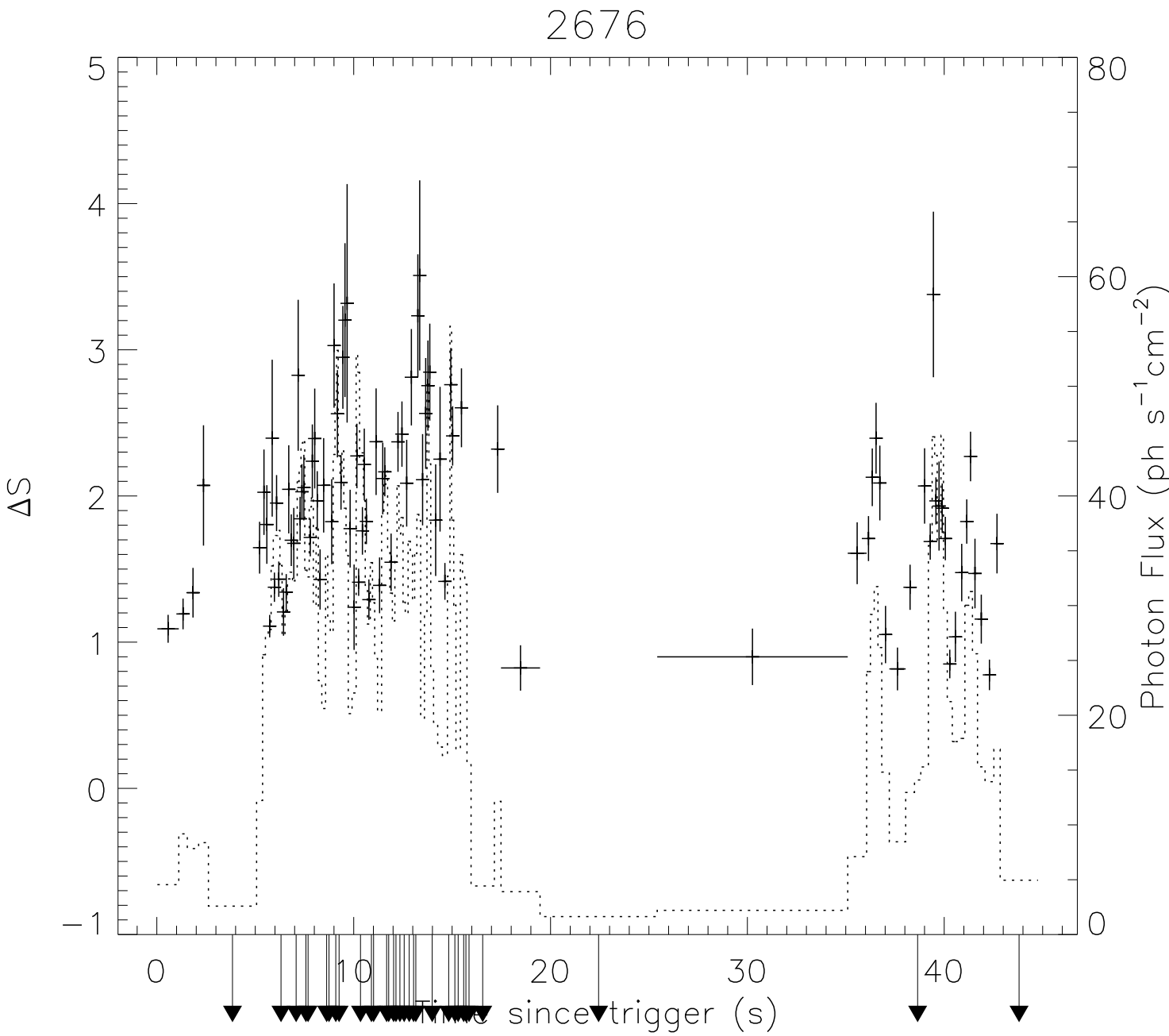

2606
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
−40
−20
0
20
40
60
80
100
−1
0
1
2
3
4
5

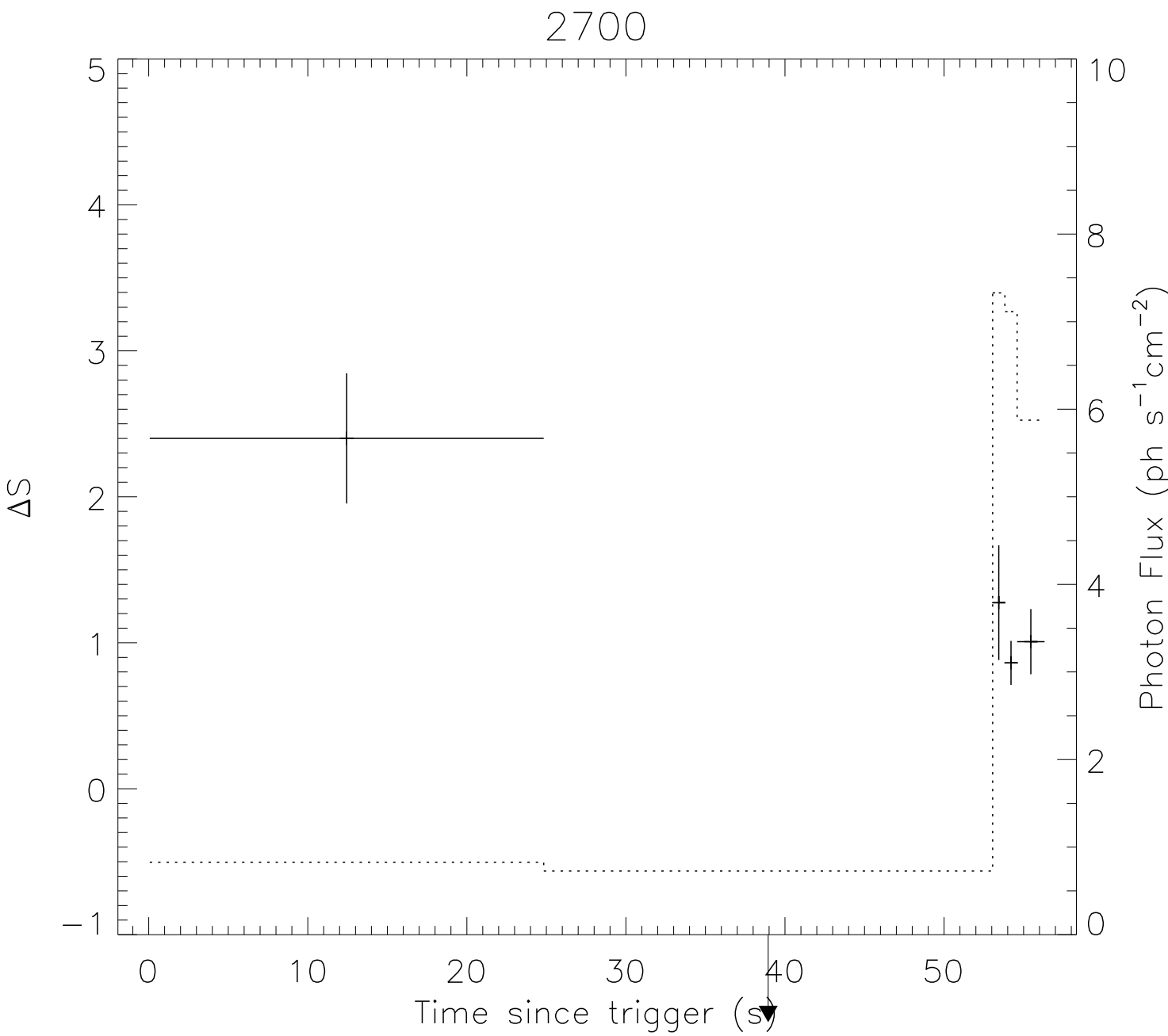

2611
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
−2
−1
0
1
2
3
4

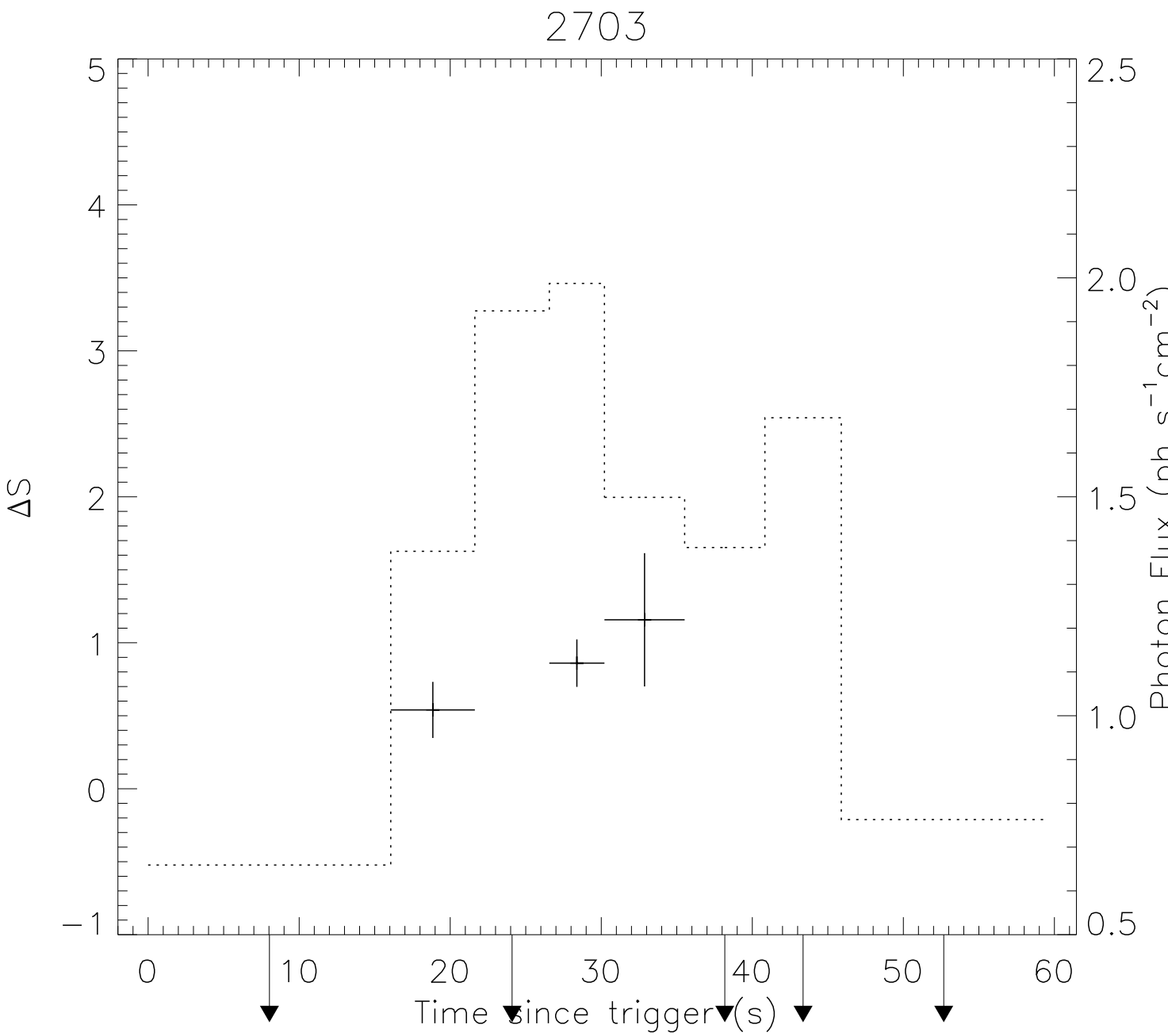

2617
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
5
10
15
20

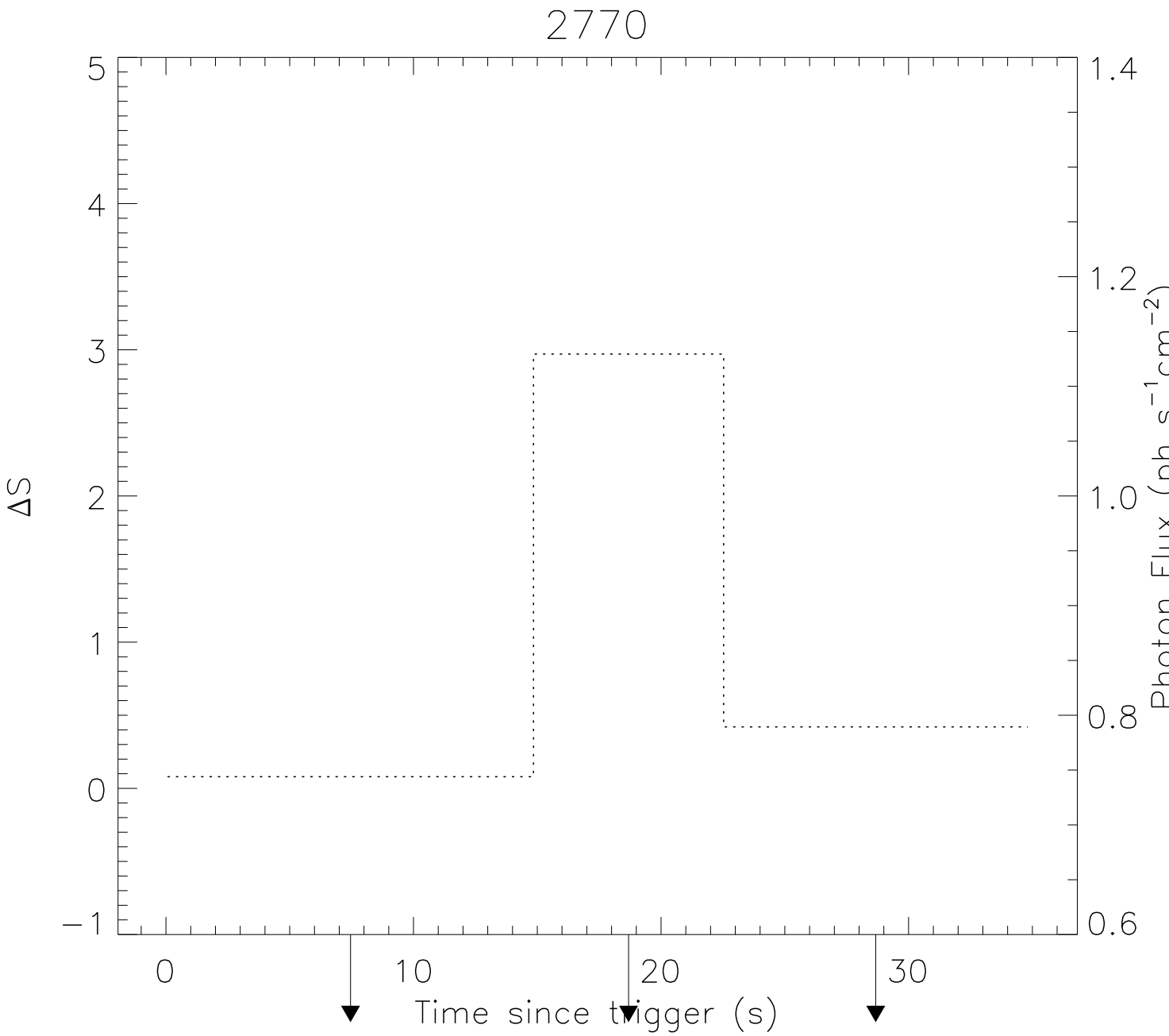

2619
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
100
120

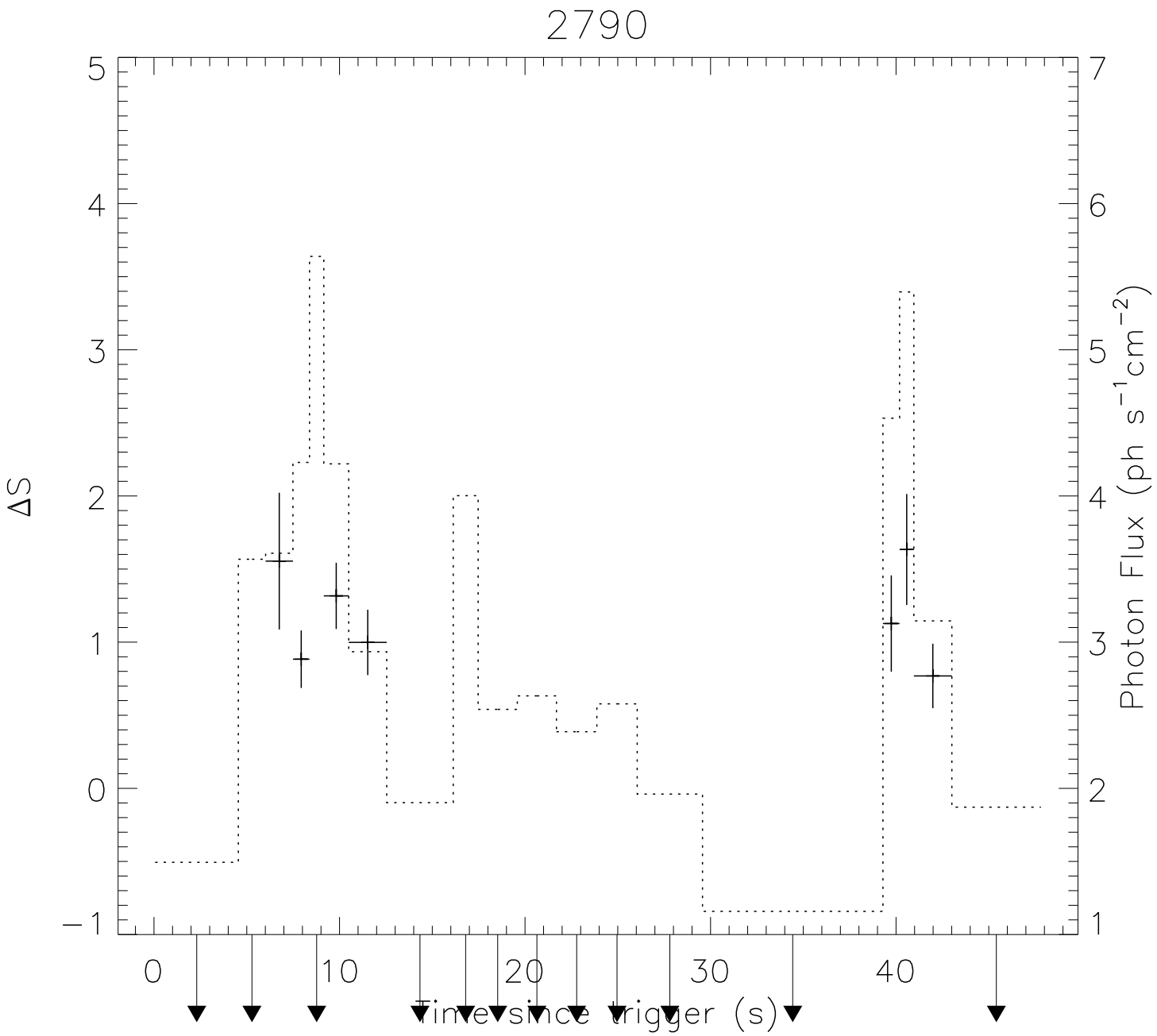

2661
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
5
10

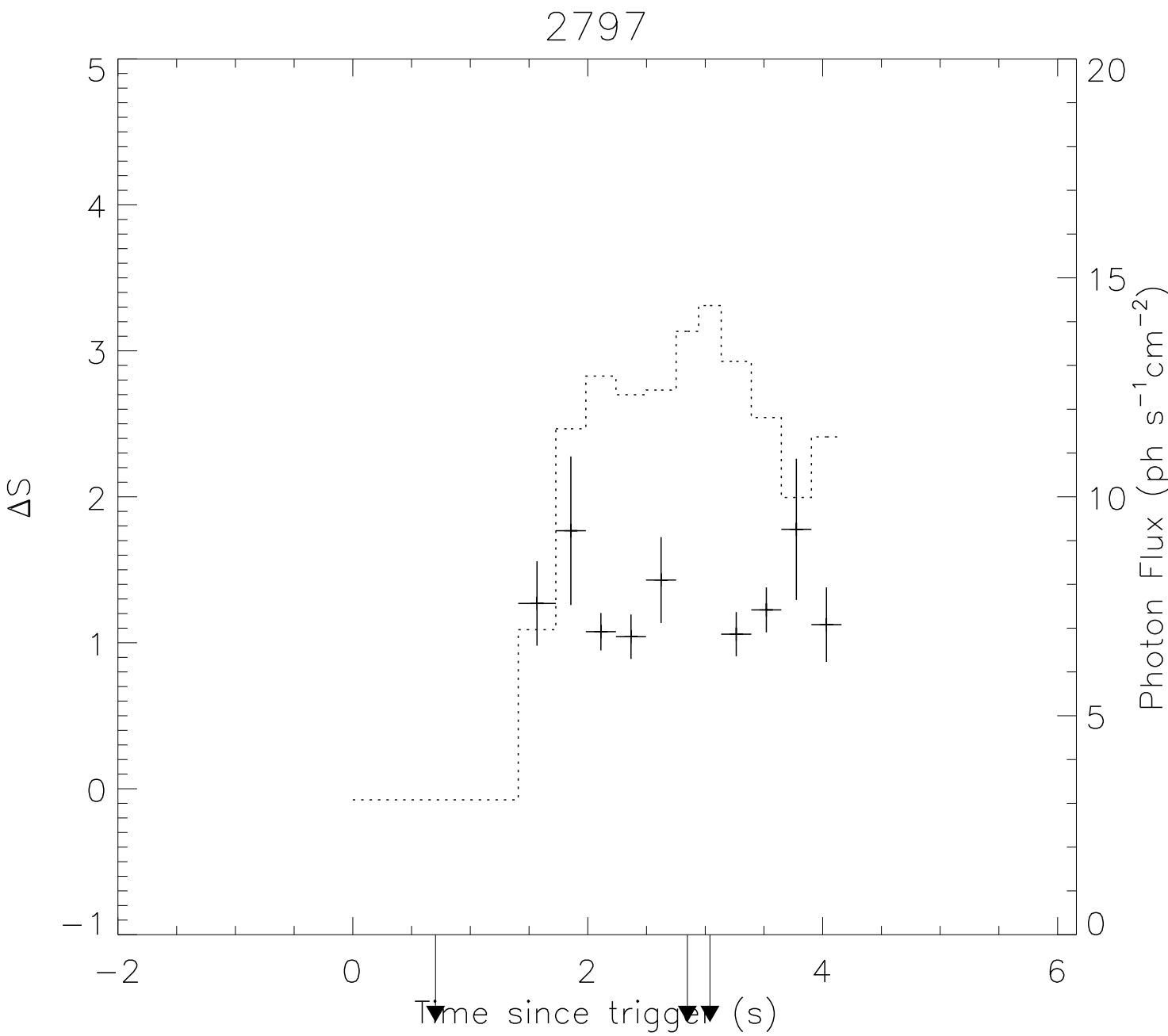

2676
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
0
10
20
30
40

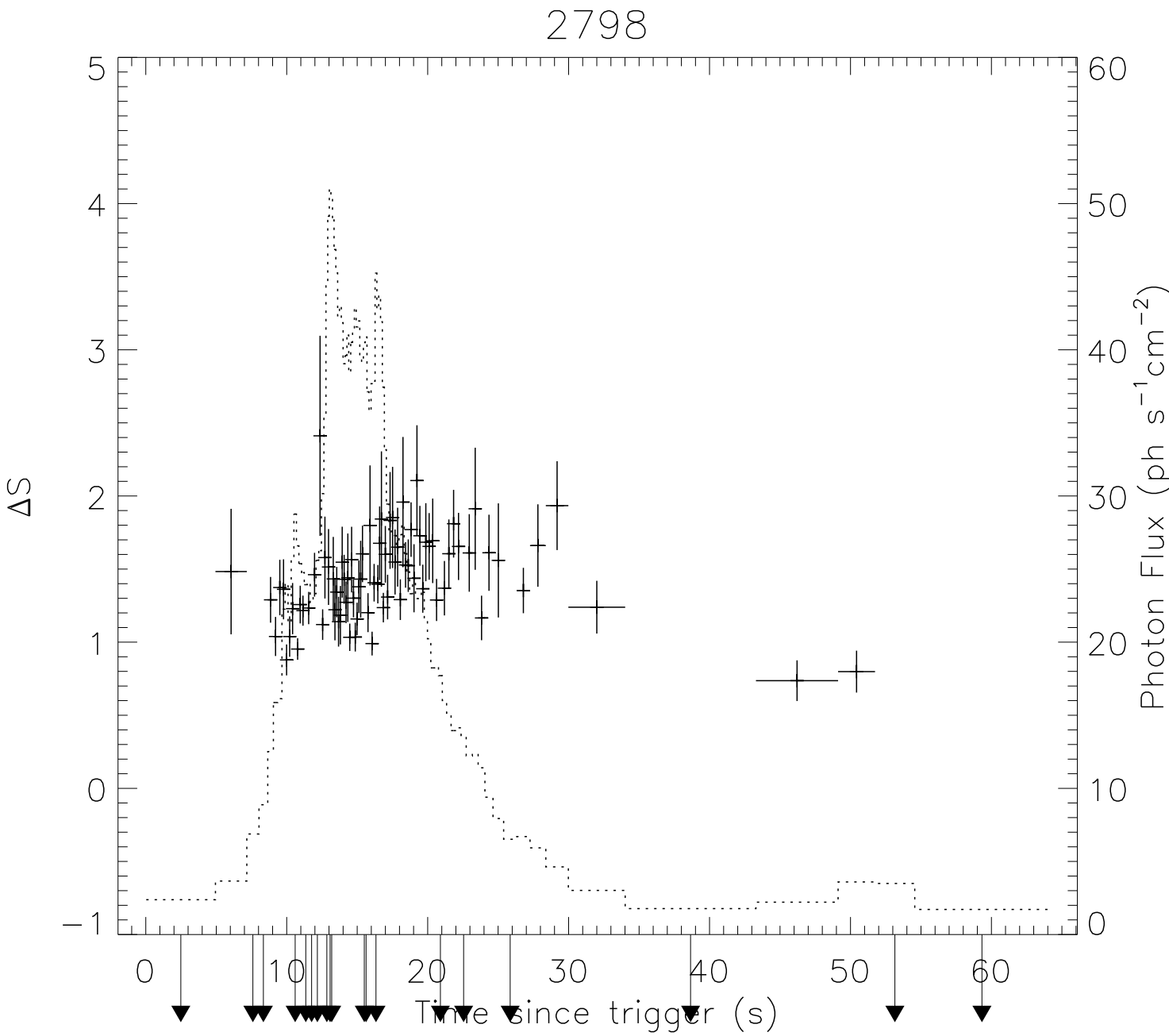

2700
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
10
8
6
4
2
0
0
10
20
30
40
50

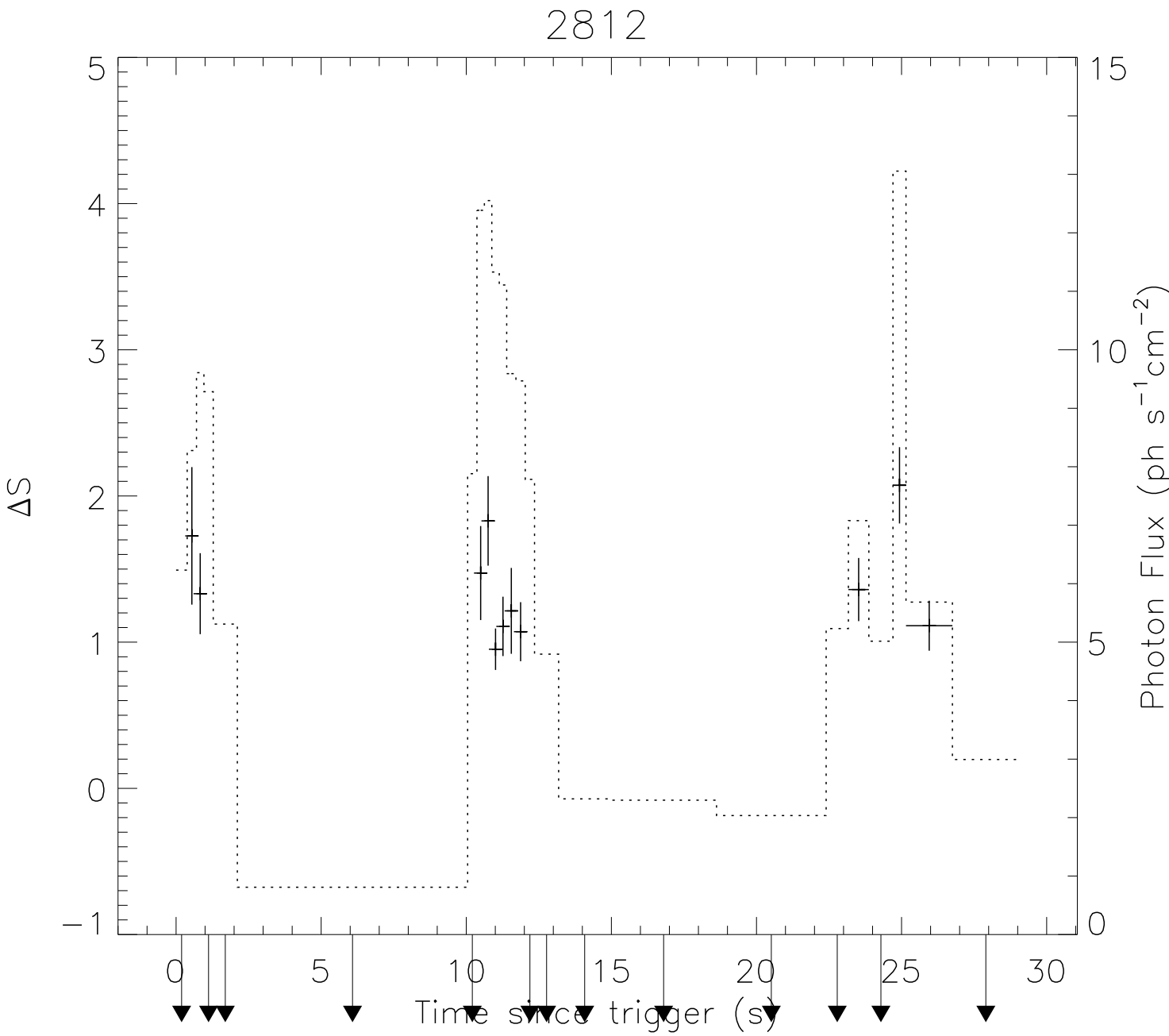

2703
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40
50
60

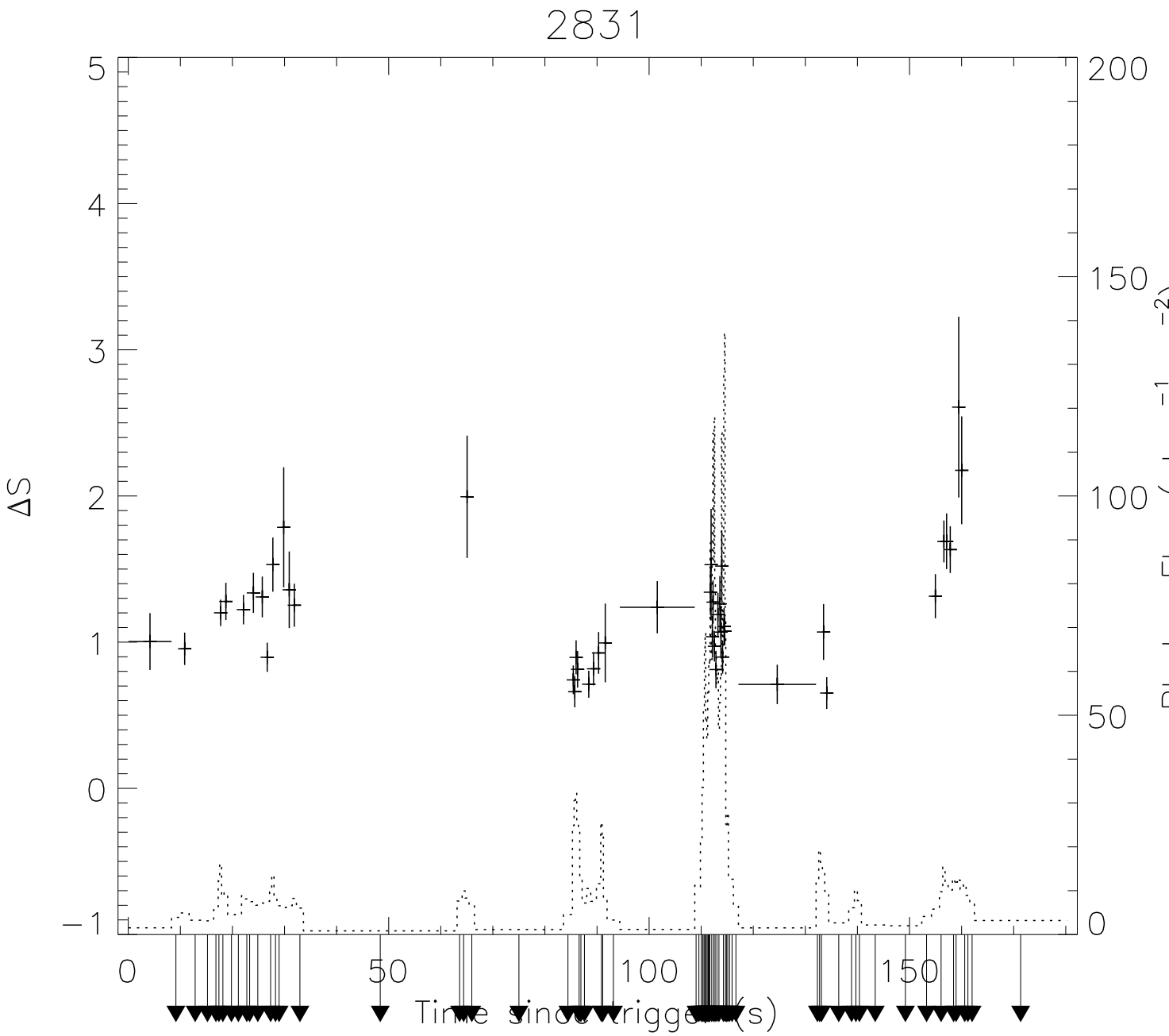

2770
5
4
3
2
1
0
−1
ΔS
1.4
1.2
1.0
0.8
0.6
0
10
20
30
Time since trigger (s)

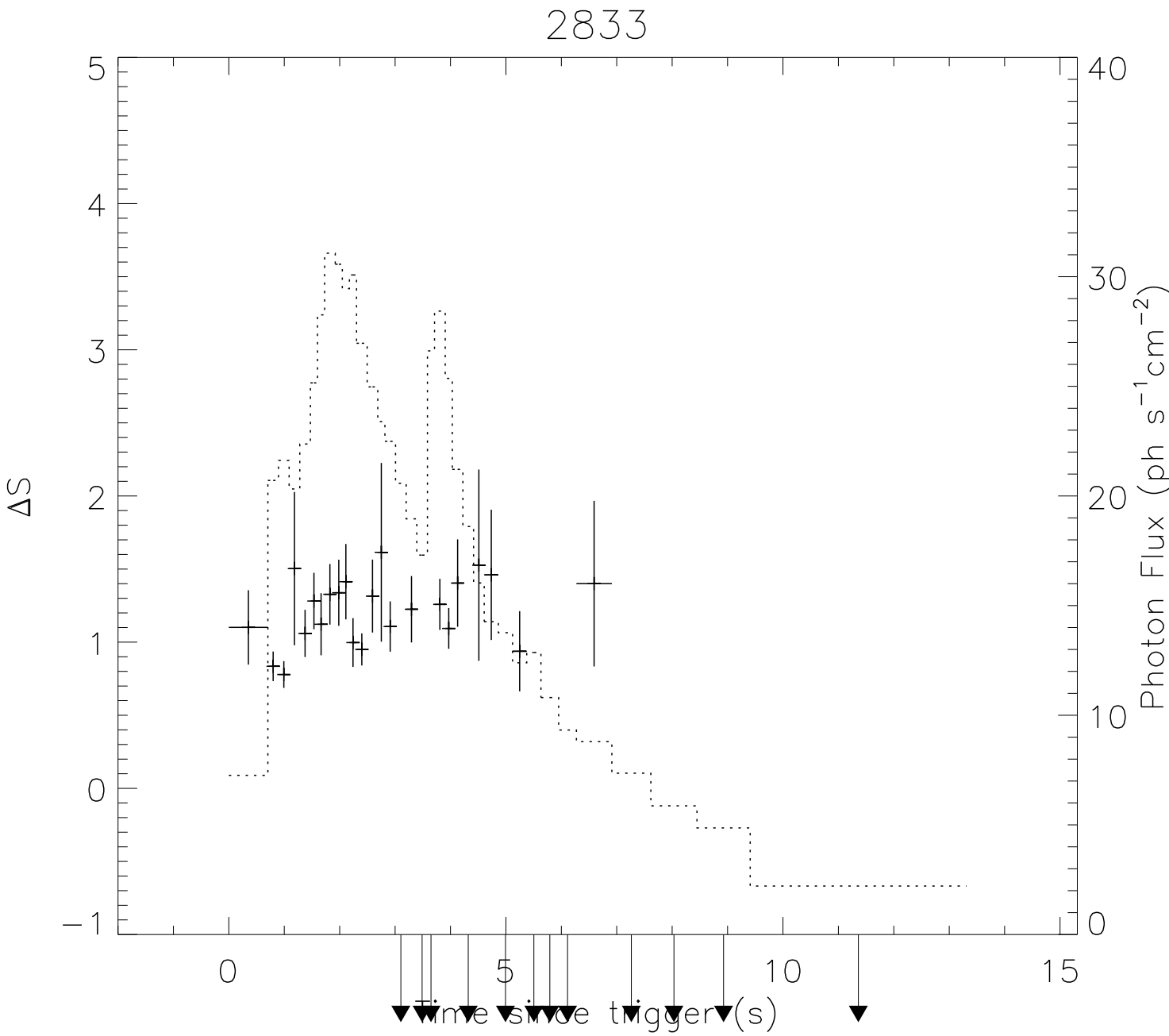

2790
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
−1
0
1
2
3
4
5
1
2
3
4
5
6
7

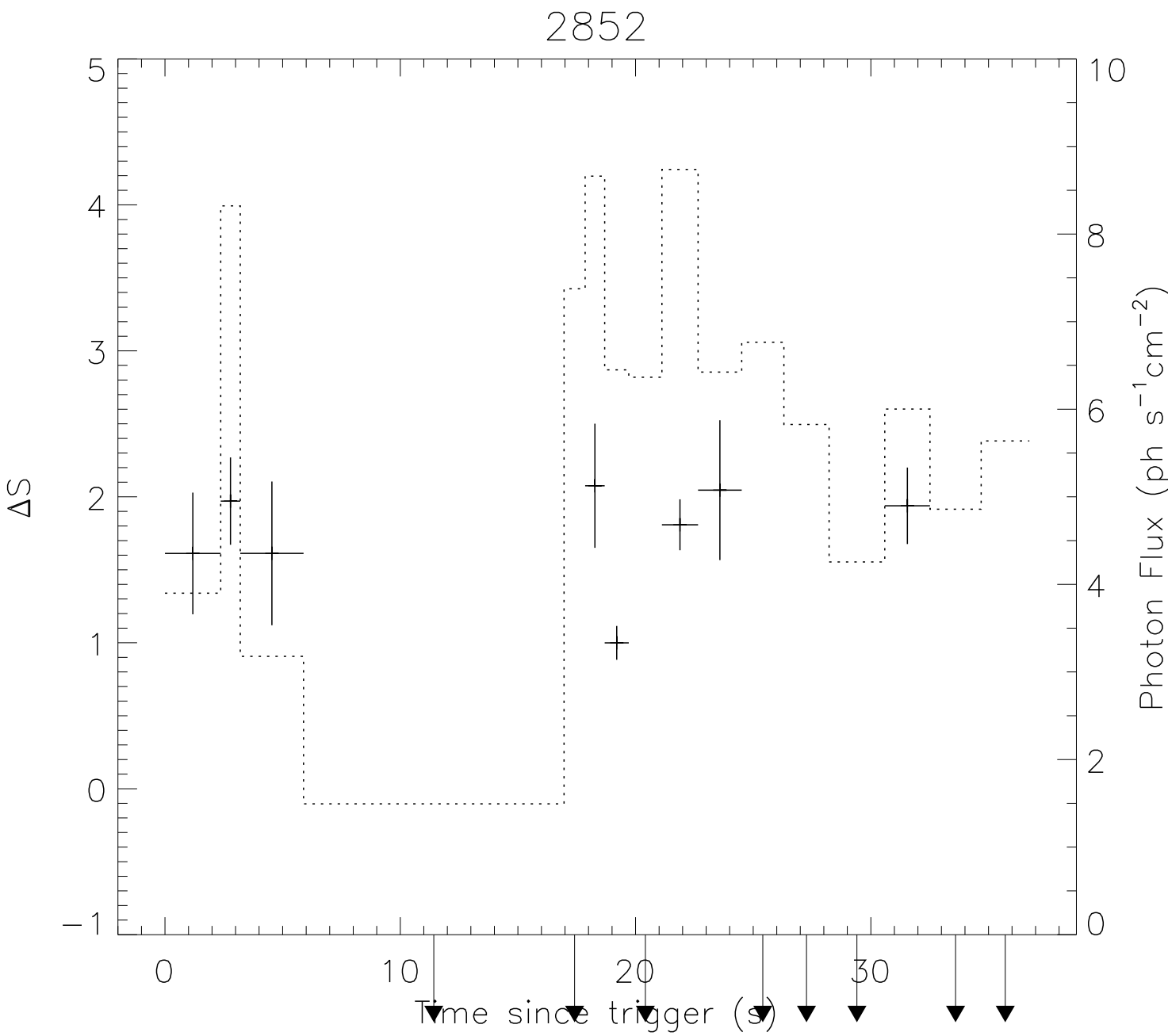

2797
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
−2
0
2
4
6

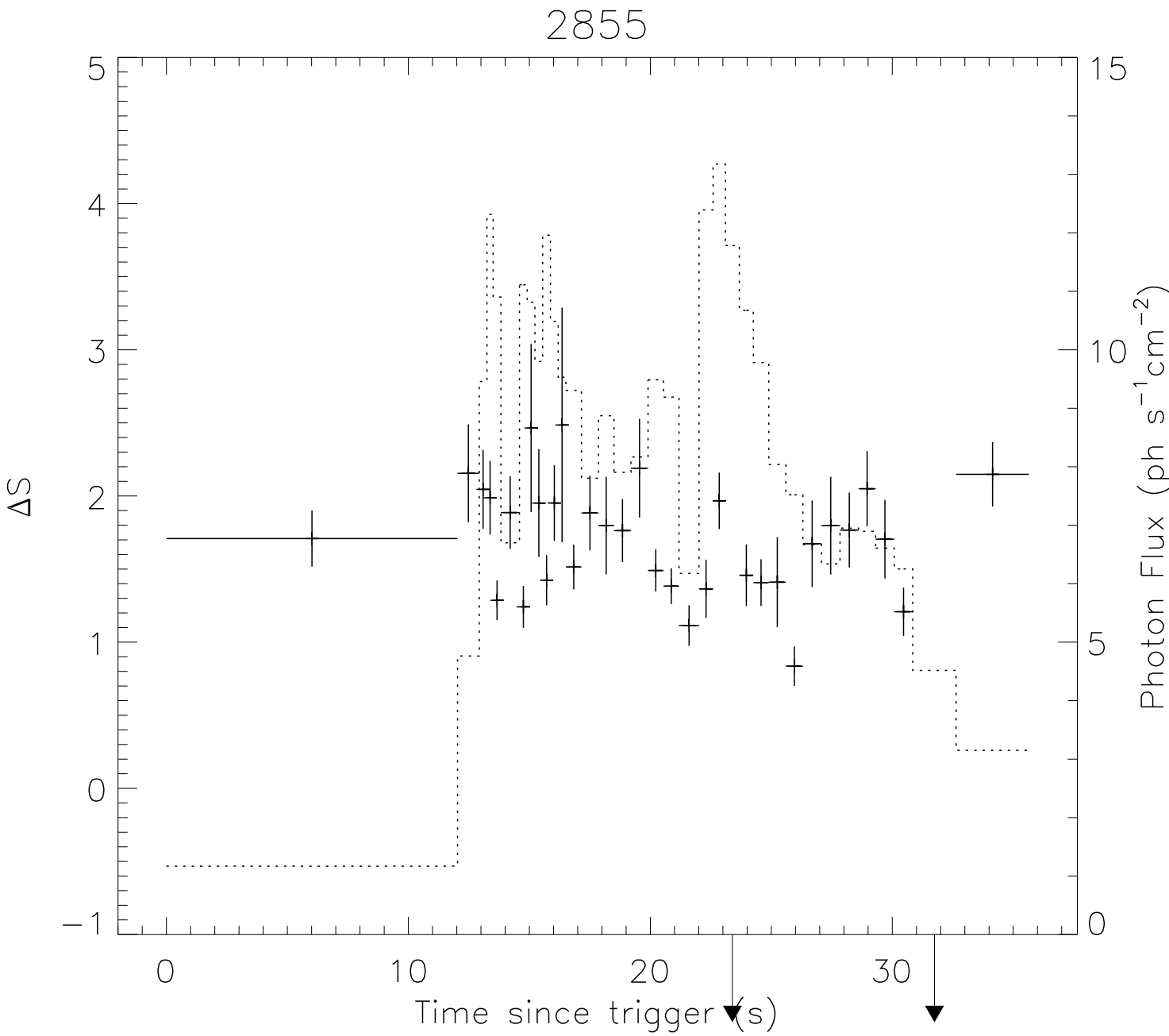

2798
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
50
60
−1
0
1
2
3
4
5
0
10
20
30
40
50
60

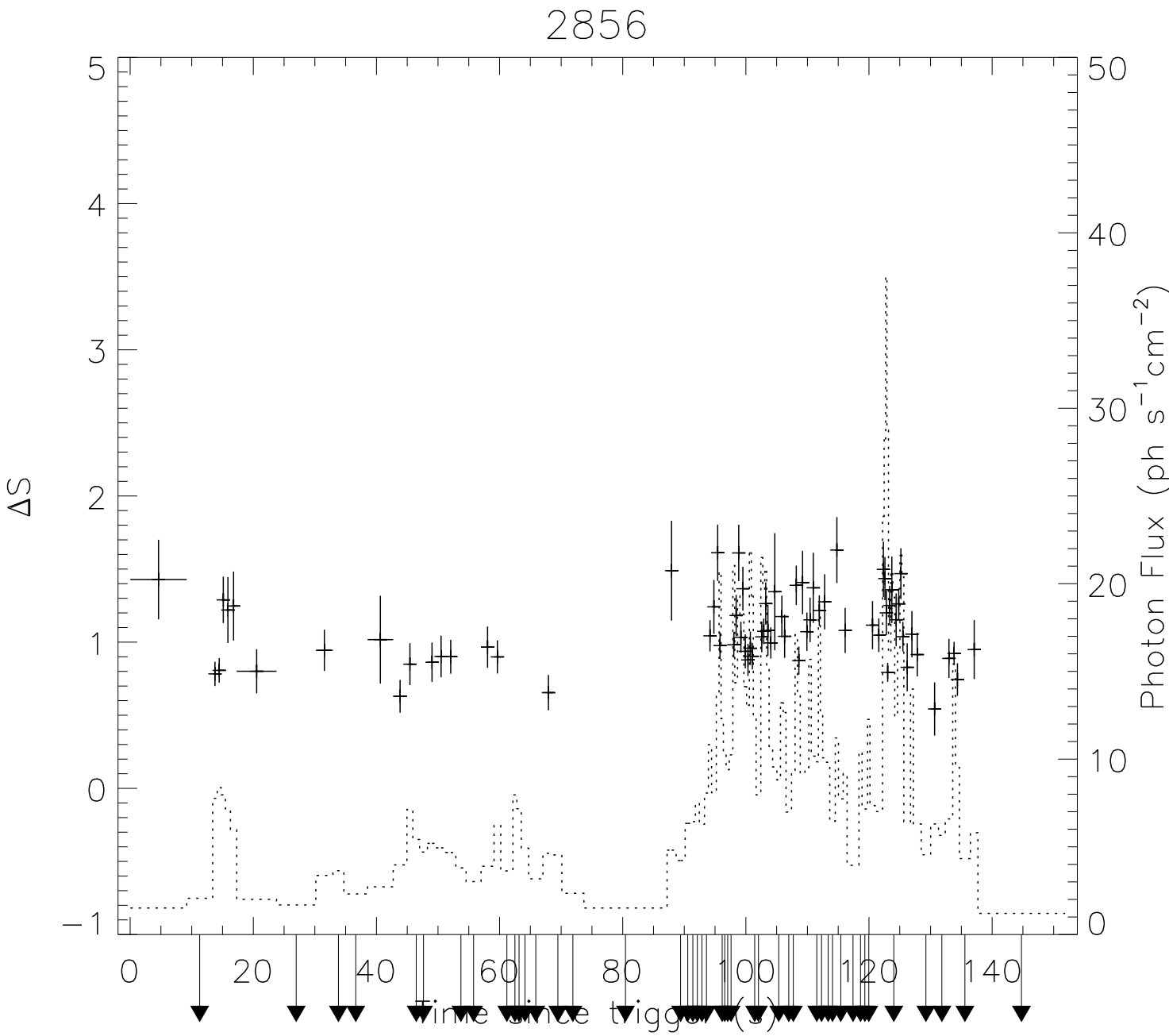

2812
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
15
10
5
0
0
5
10
15
20
25
30

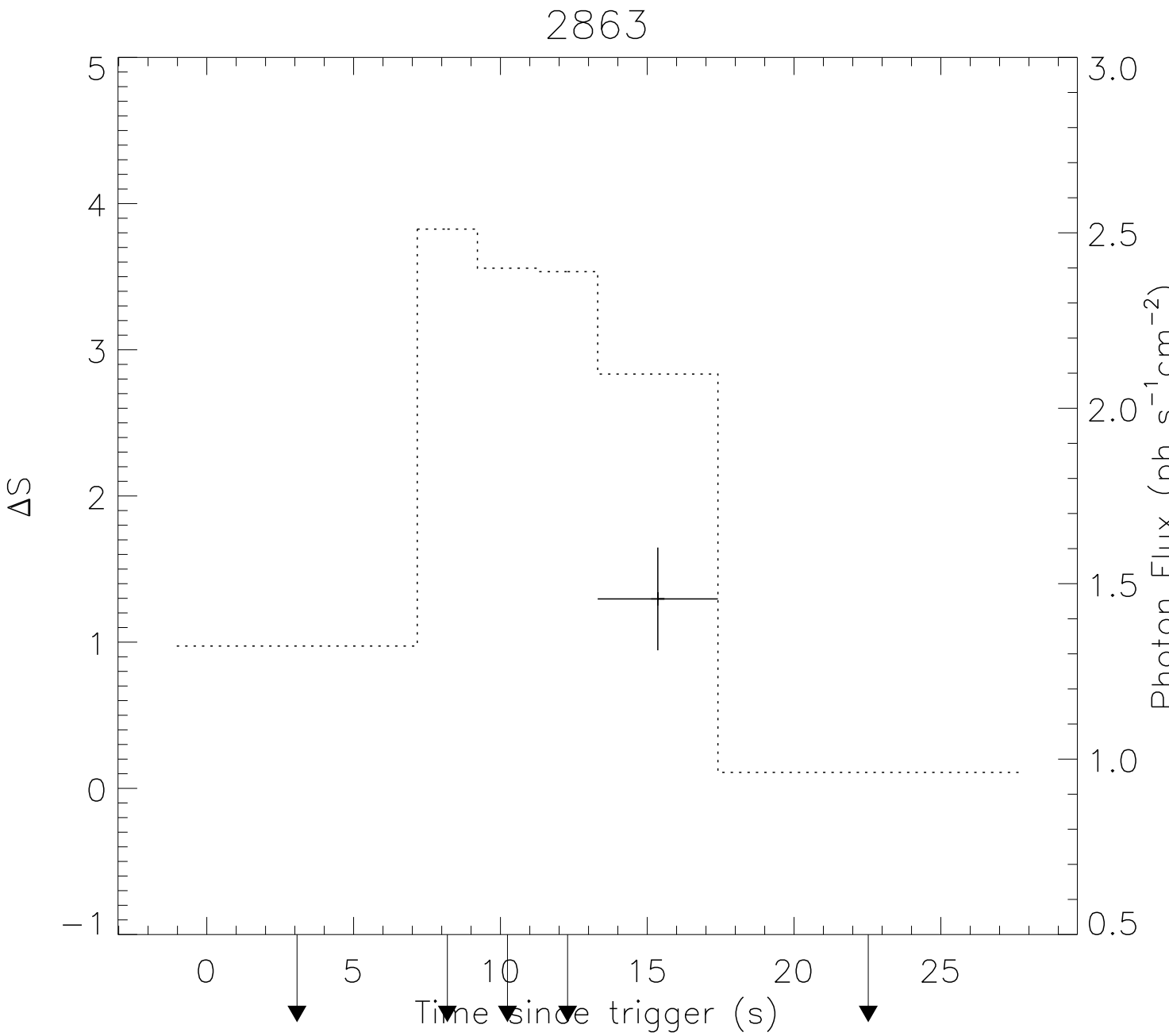

2831
ΔS
Time since trigger (s)
0
50
100
150
200
−1
0
1
2
3
4
5

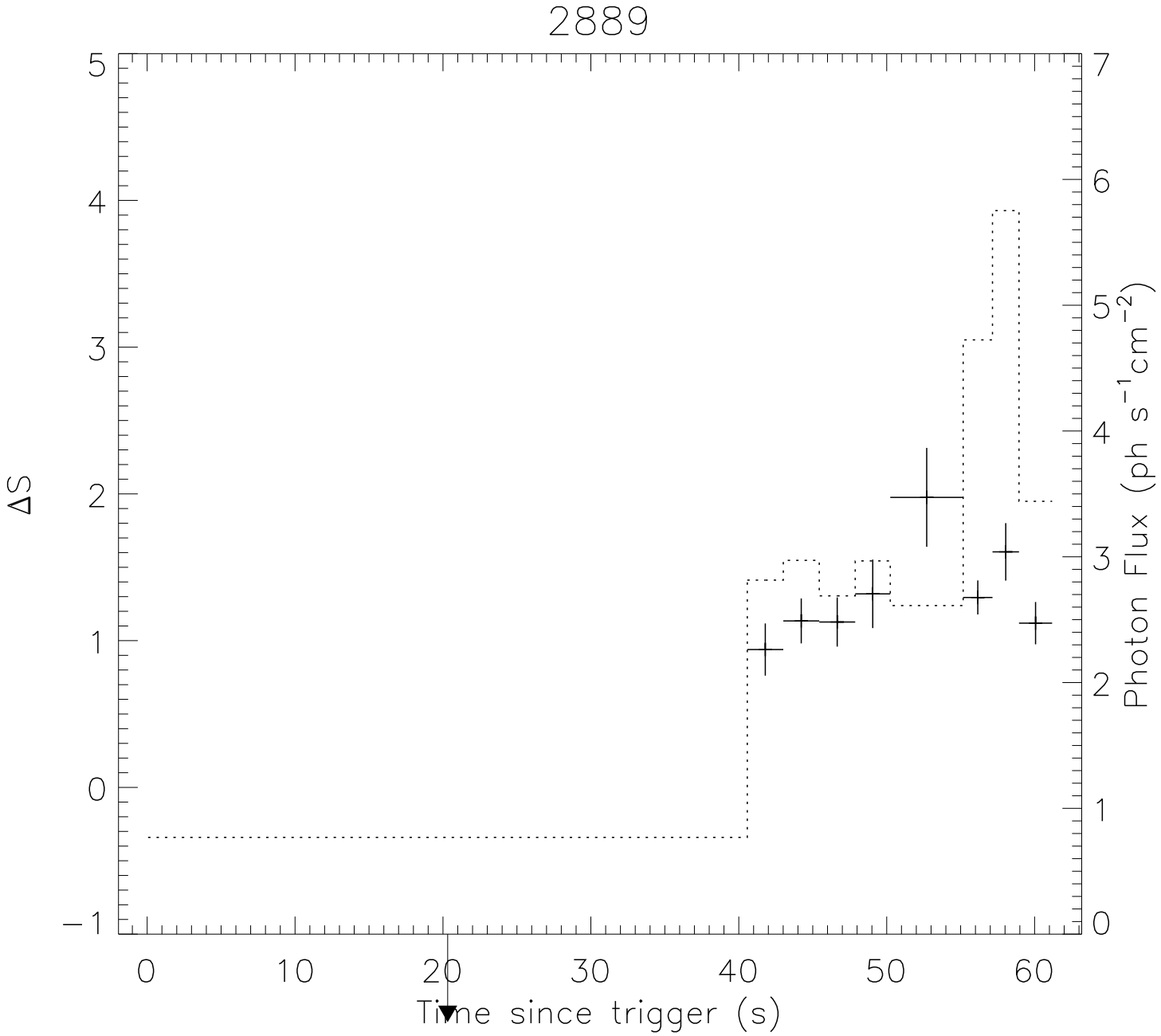

2833
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
5
10
15

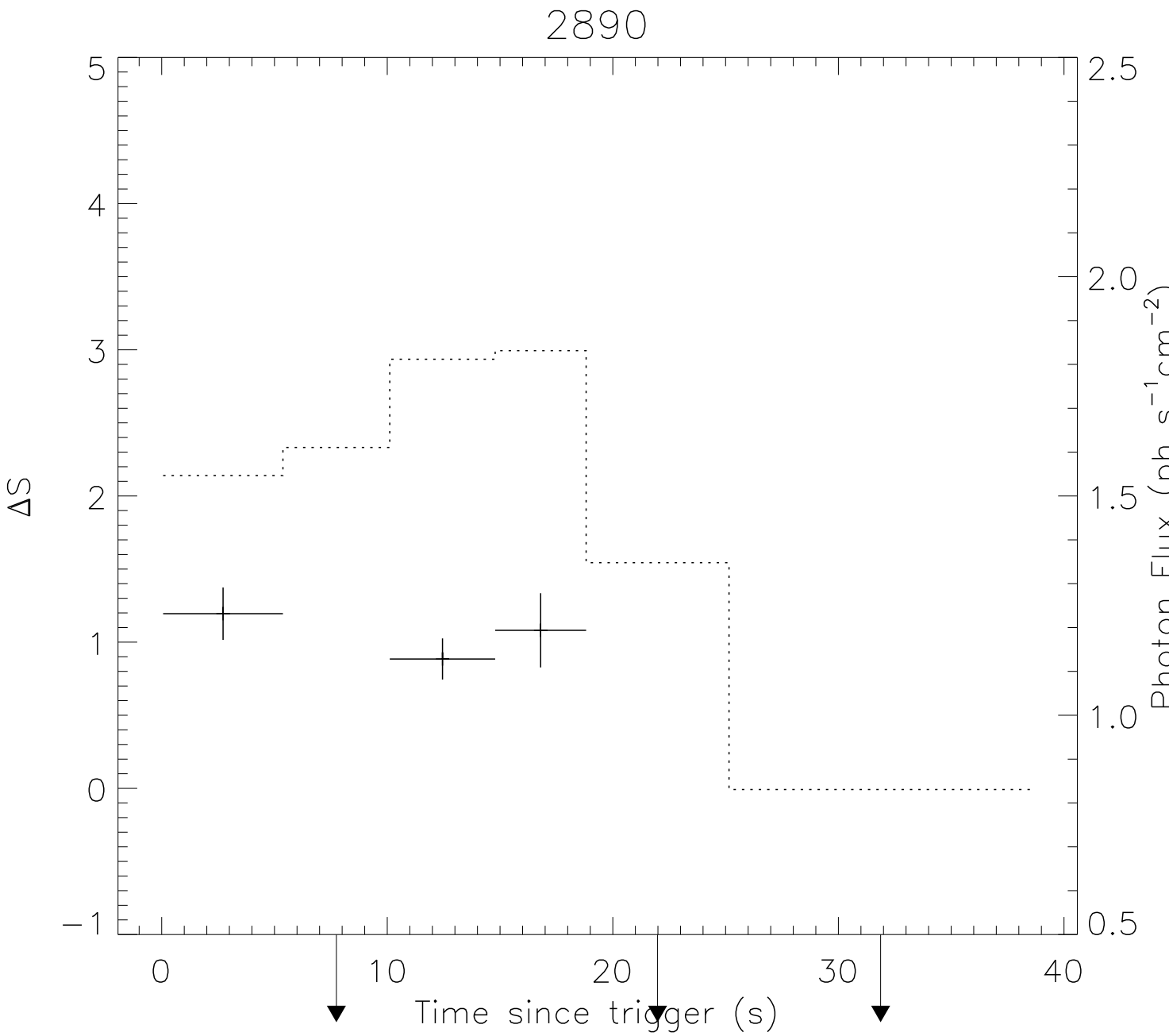

2852
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
−1
0
1
2
3
4
5
0
2
4
6
8
10

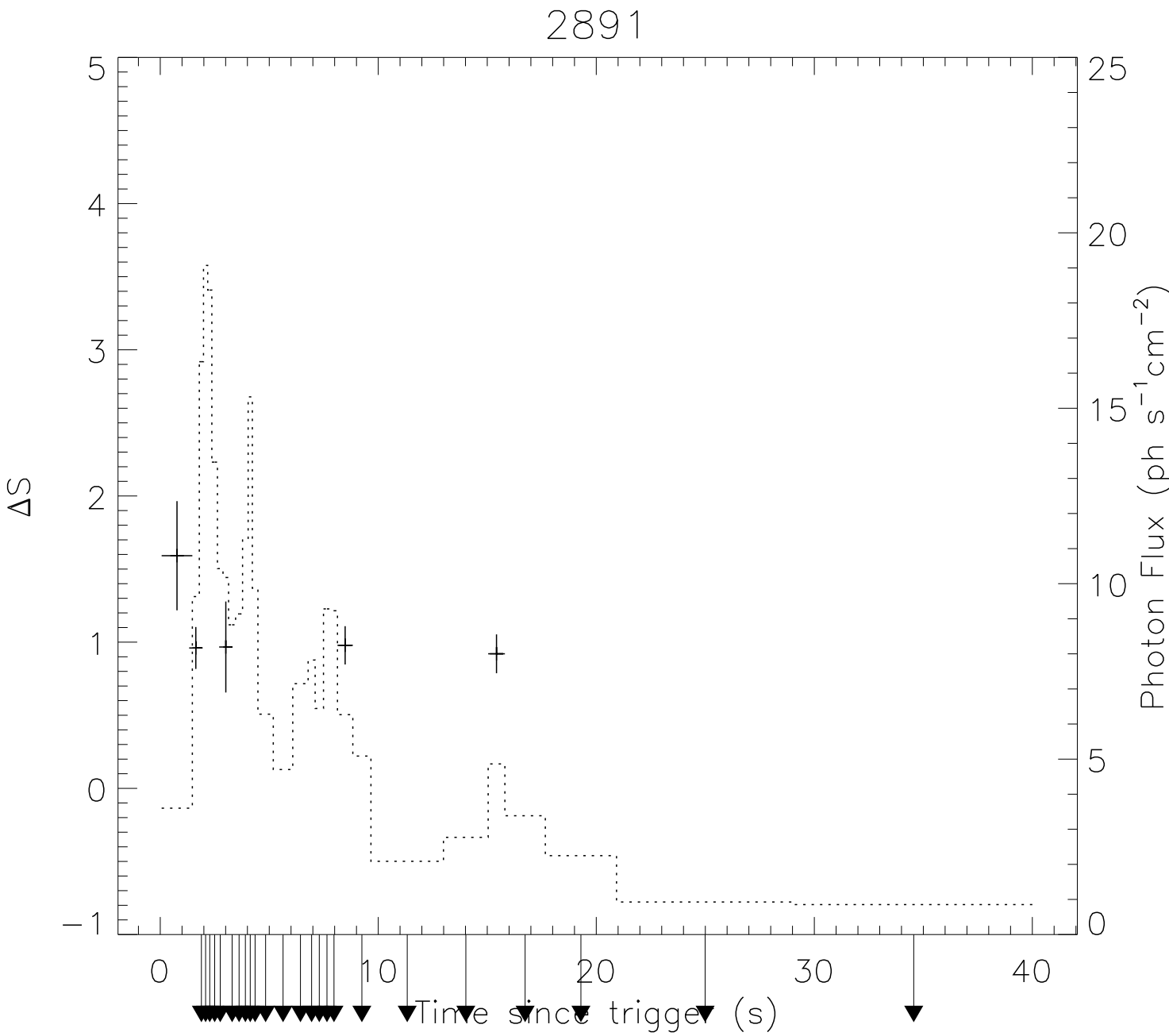

2855
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
15
10
5
0
0
10
20
30

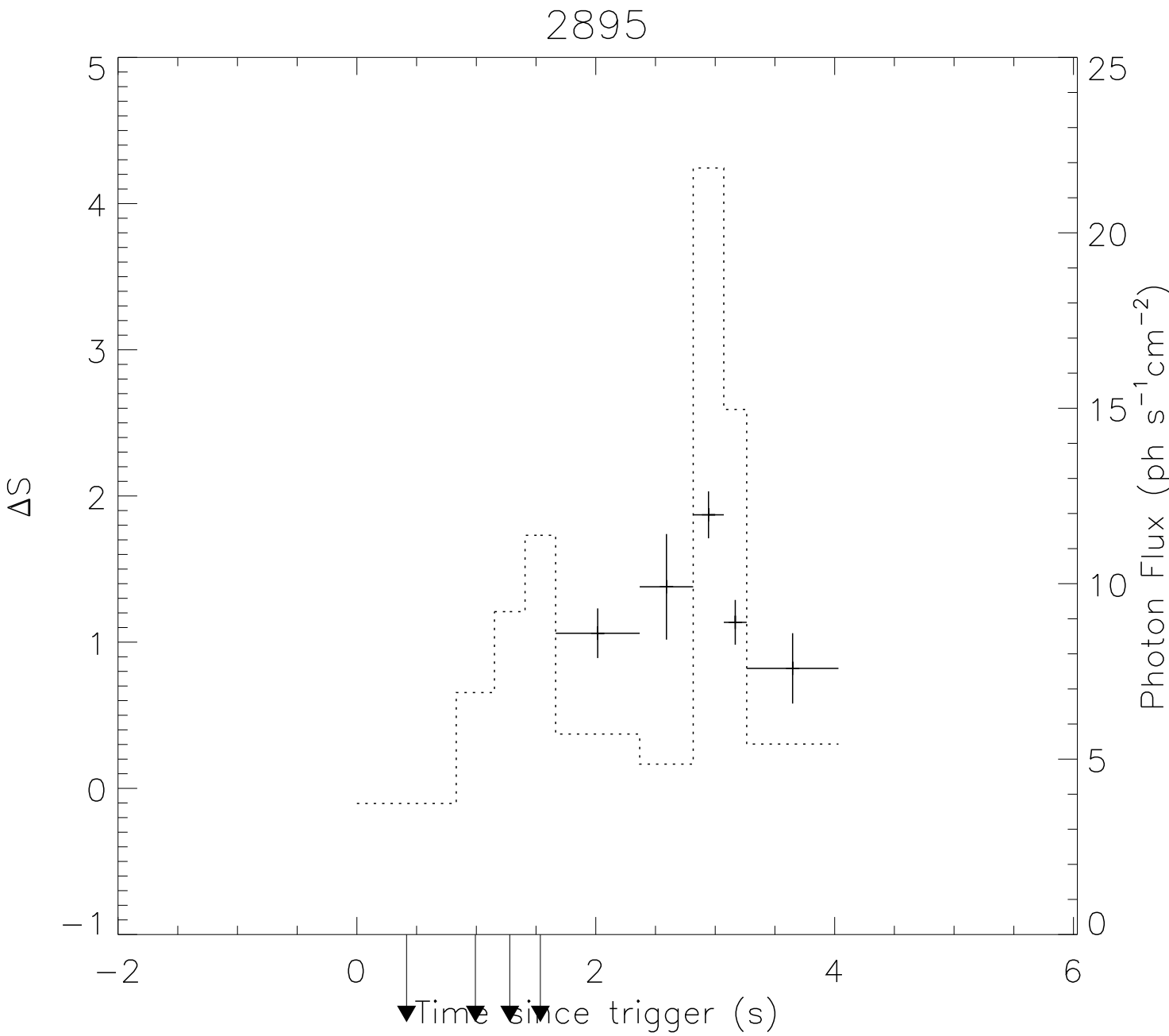

2856
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
20
40
60
80
100
120
140

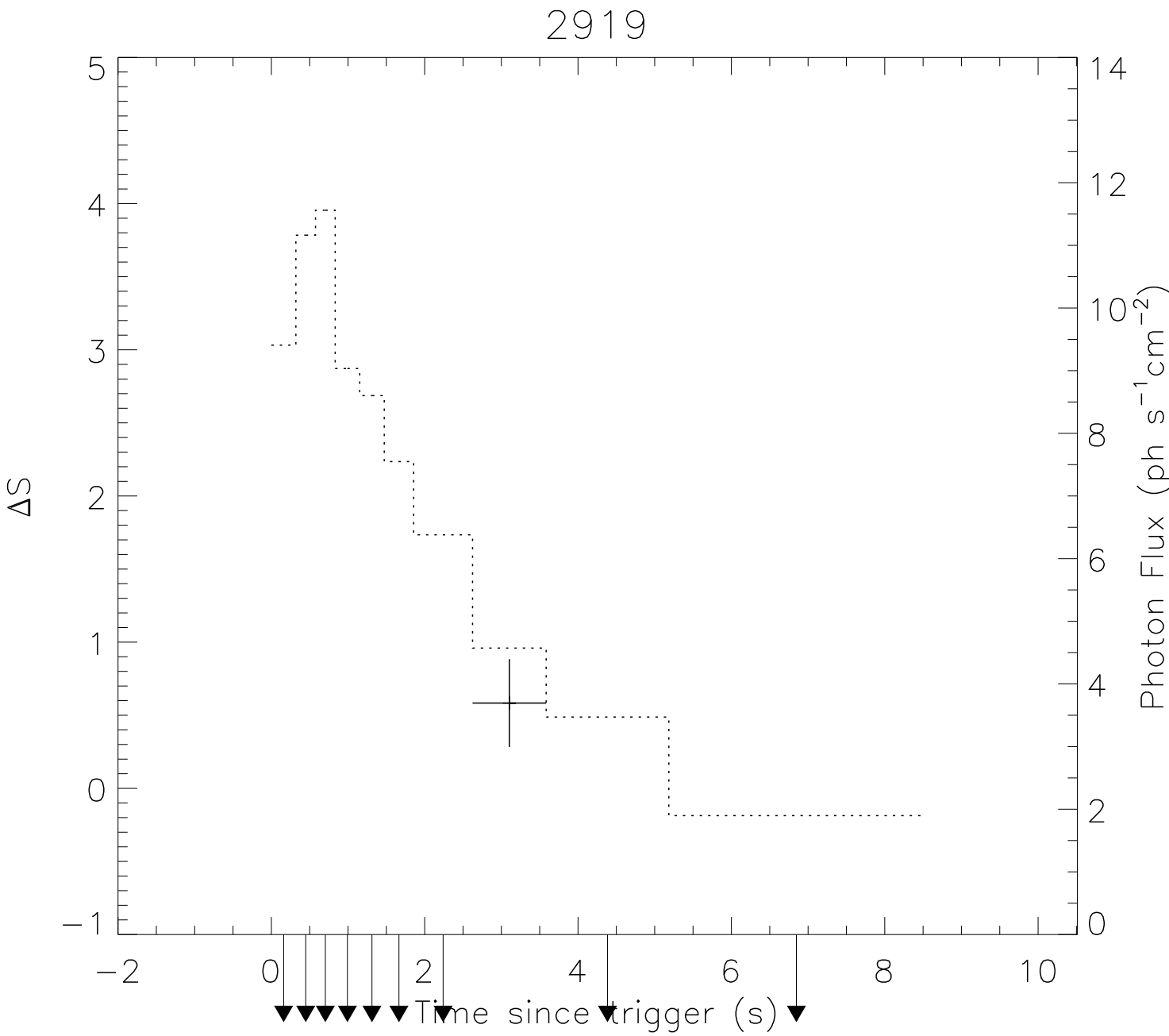

2863
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
3.0
2.5
2.0
1.5
1.0
0.5
0
5
10
15
20
25

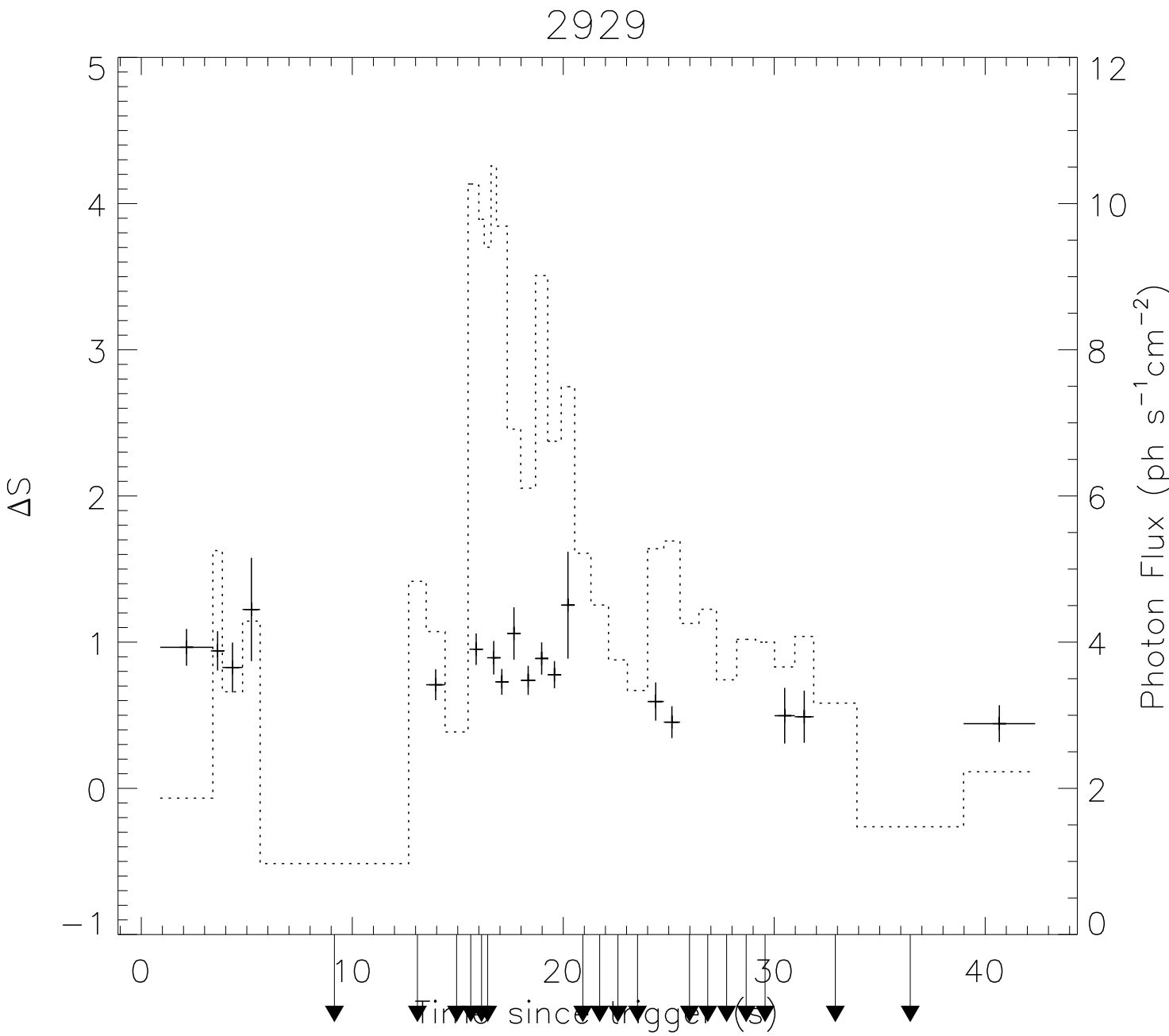

2889
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
7
6
5
4
3
2
1
0
0
10
20
30
40
50
60

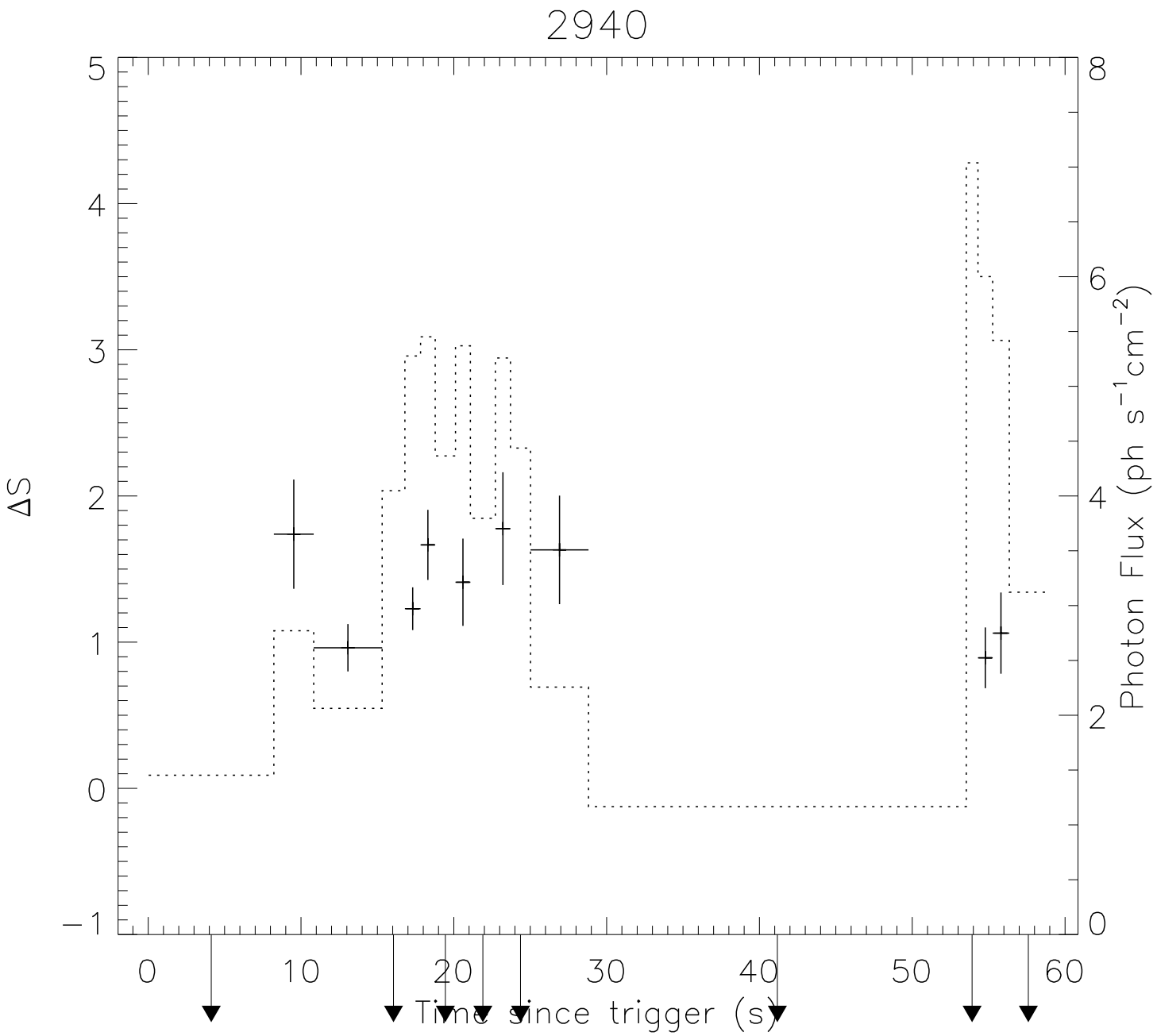

2890
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40

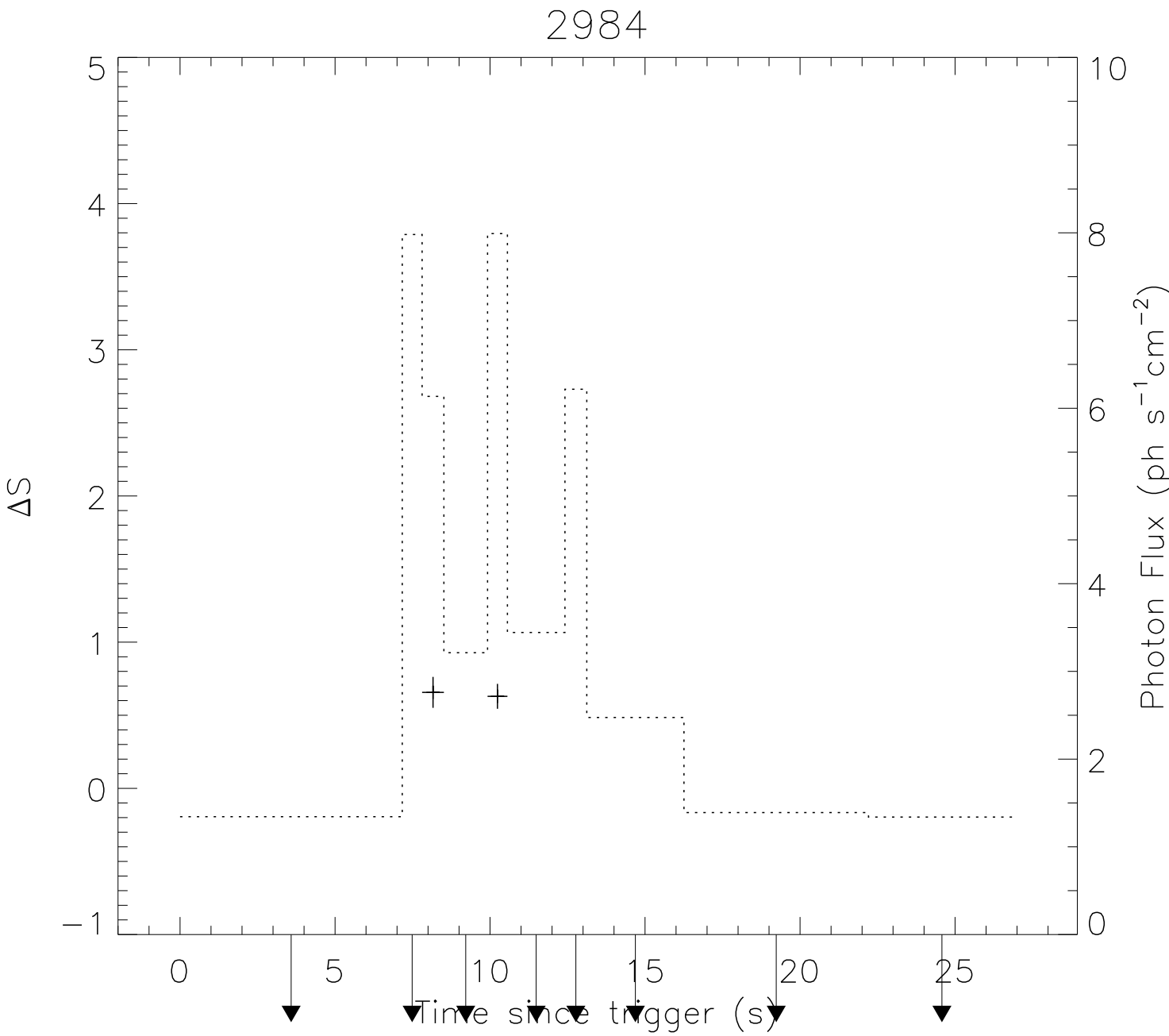

2891
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
−1
0
1
2
3
4
5
0
5
10
15
20
25

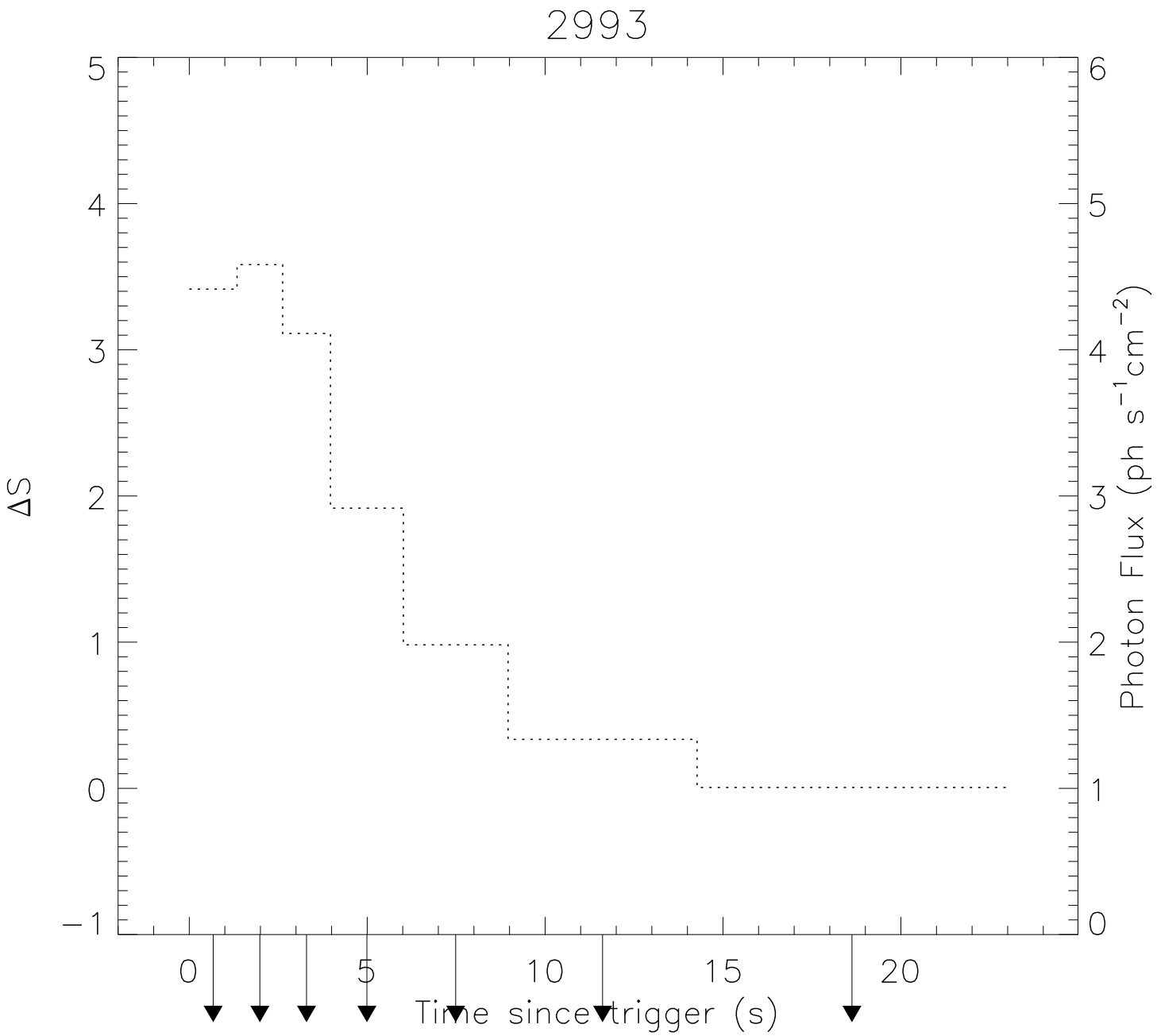

2895
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
−2
0
2
4
6

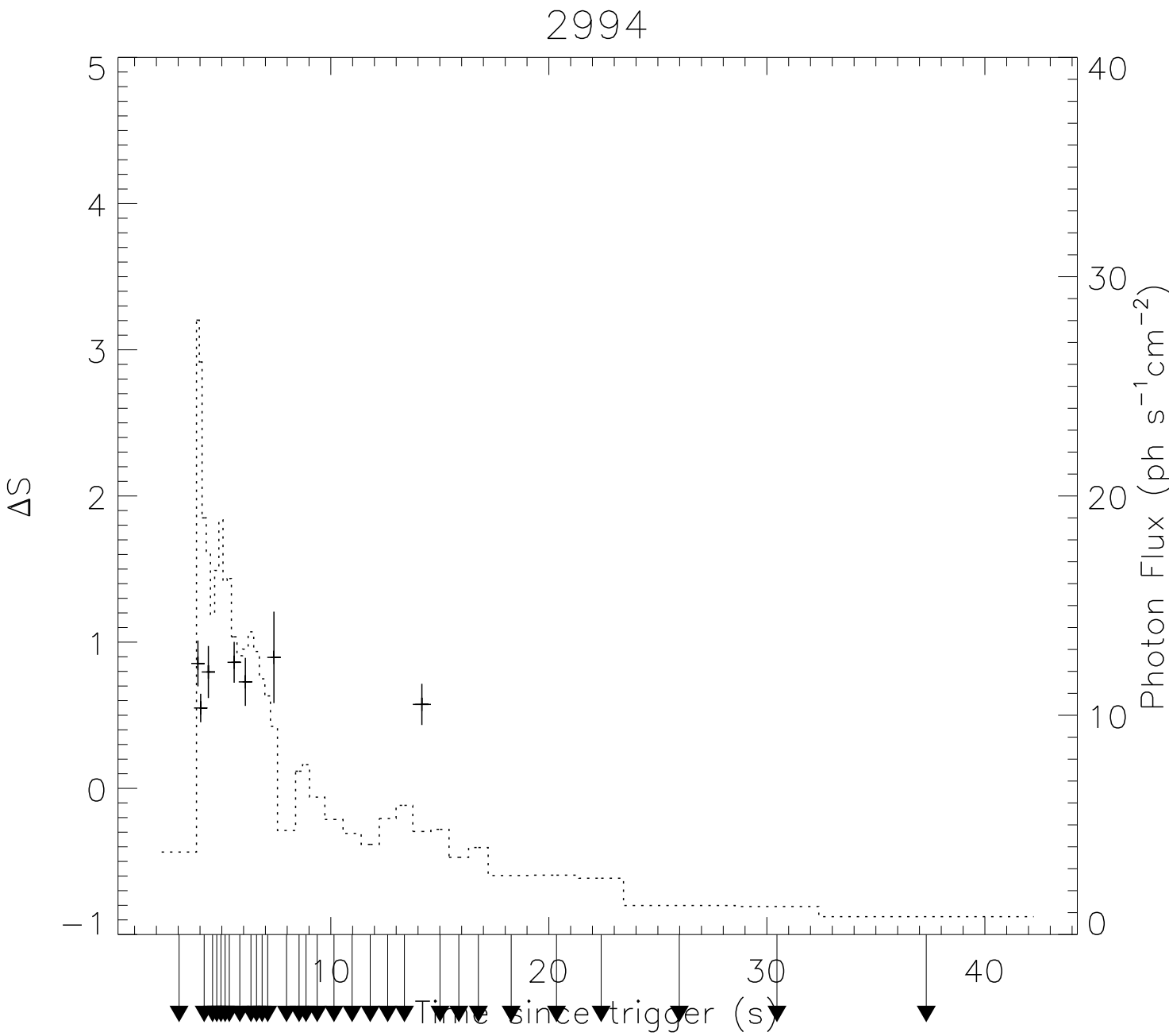

2919
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
14
12
10
8
6
4
2
0
−2
0
2
4
6
8
10

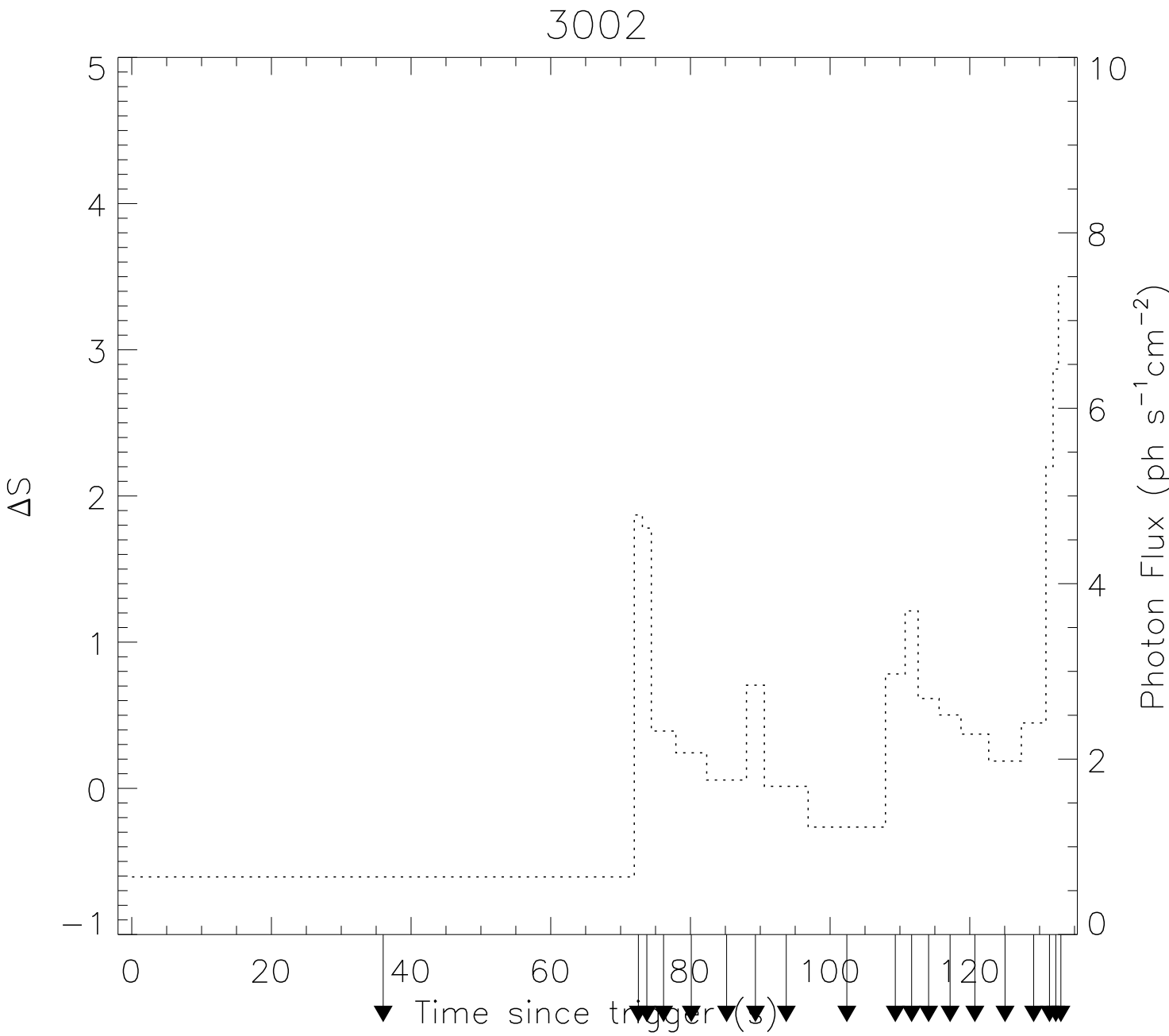

2929
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
−1
0
1
2
3
4
5
0
2
4
6
8
10
12

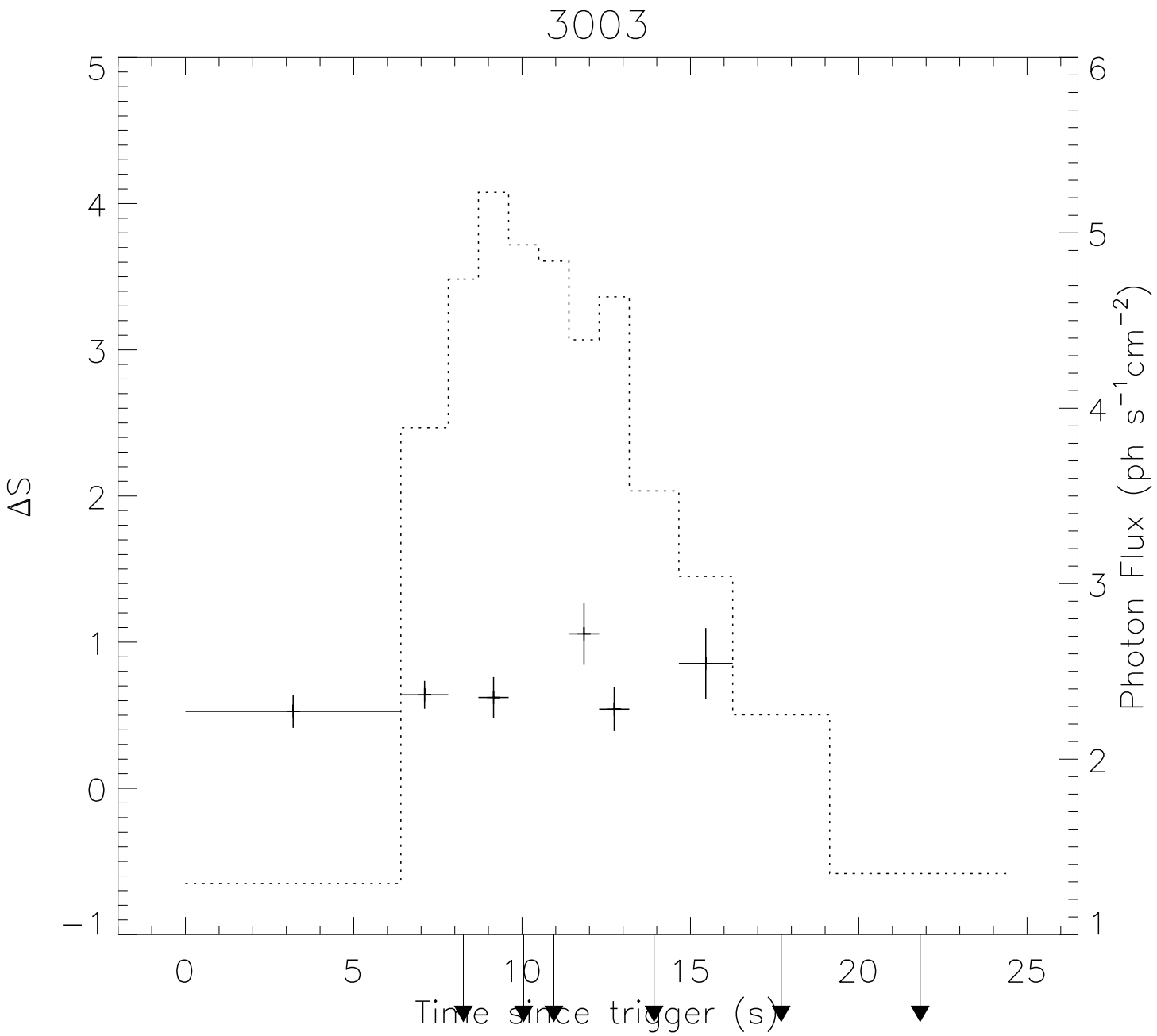

2940
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
50
60
−1
0
1
2
3
4
5
0
2
4
6
8

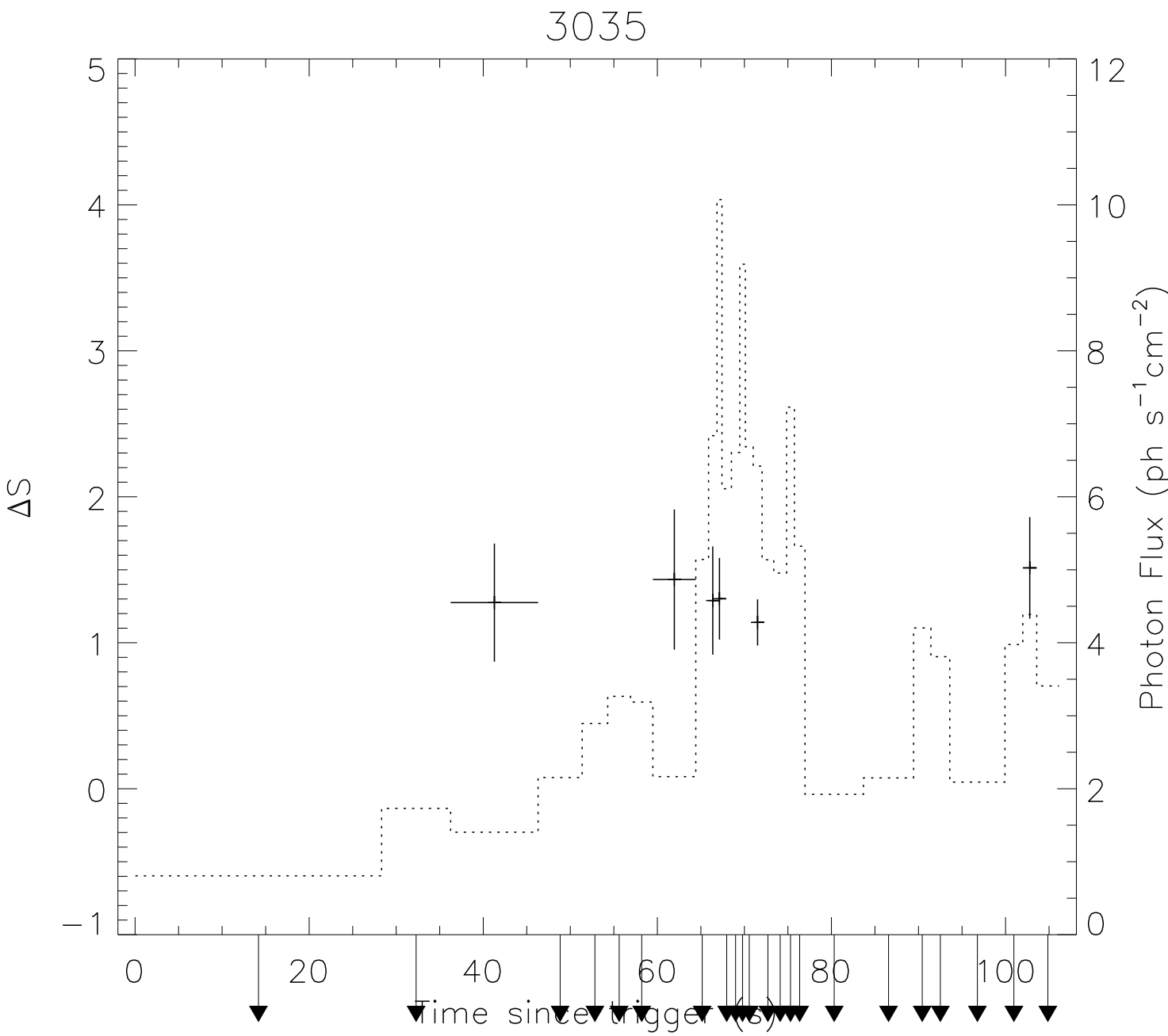

2984
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
5
10
15
20
25
−1
0
1
2
3
4
5
0
2
4
6
8
10

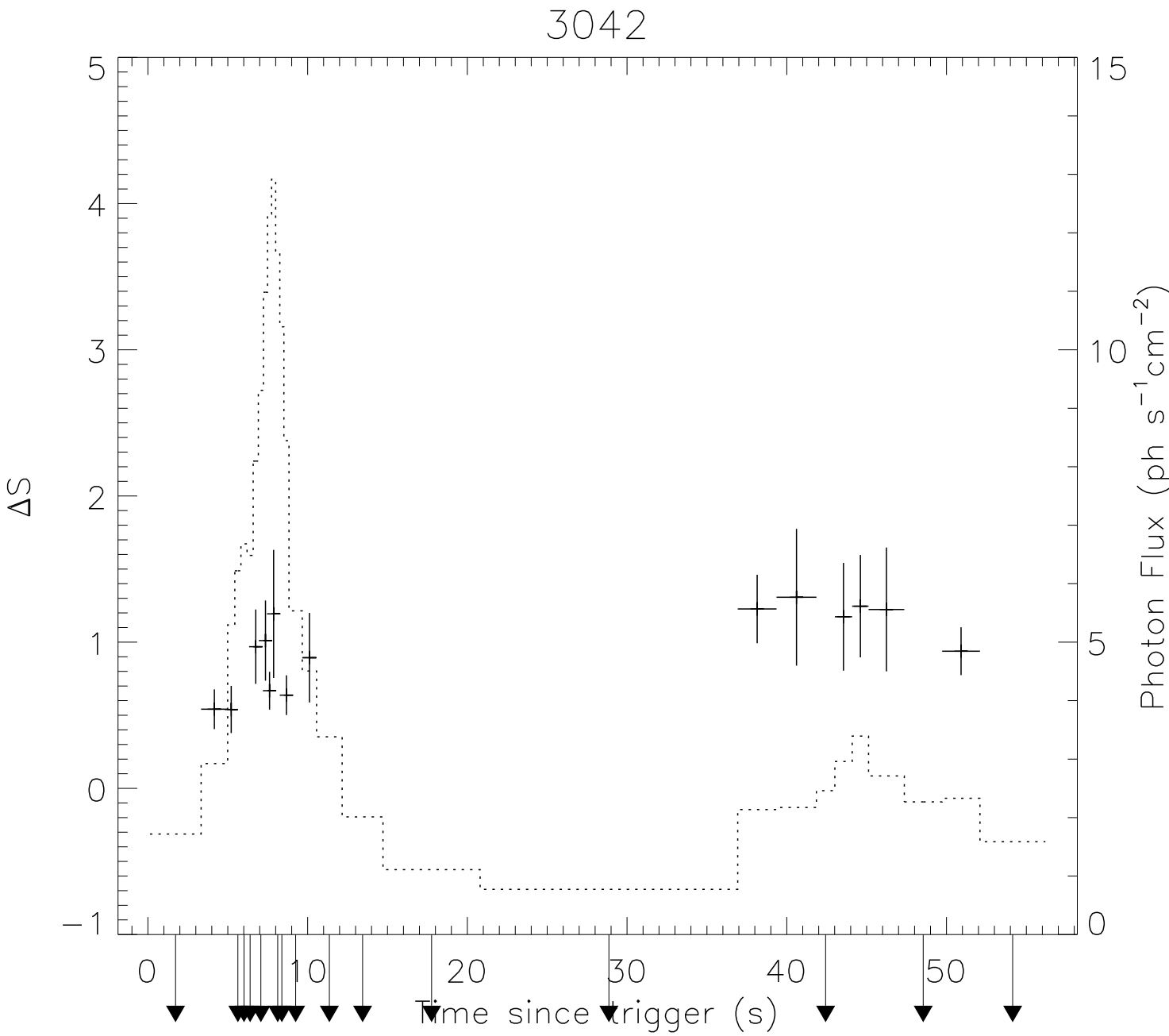

2993
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
6
5
4
3
2
1
0
0
5
10
15
20

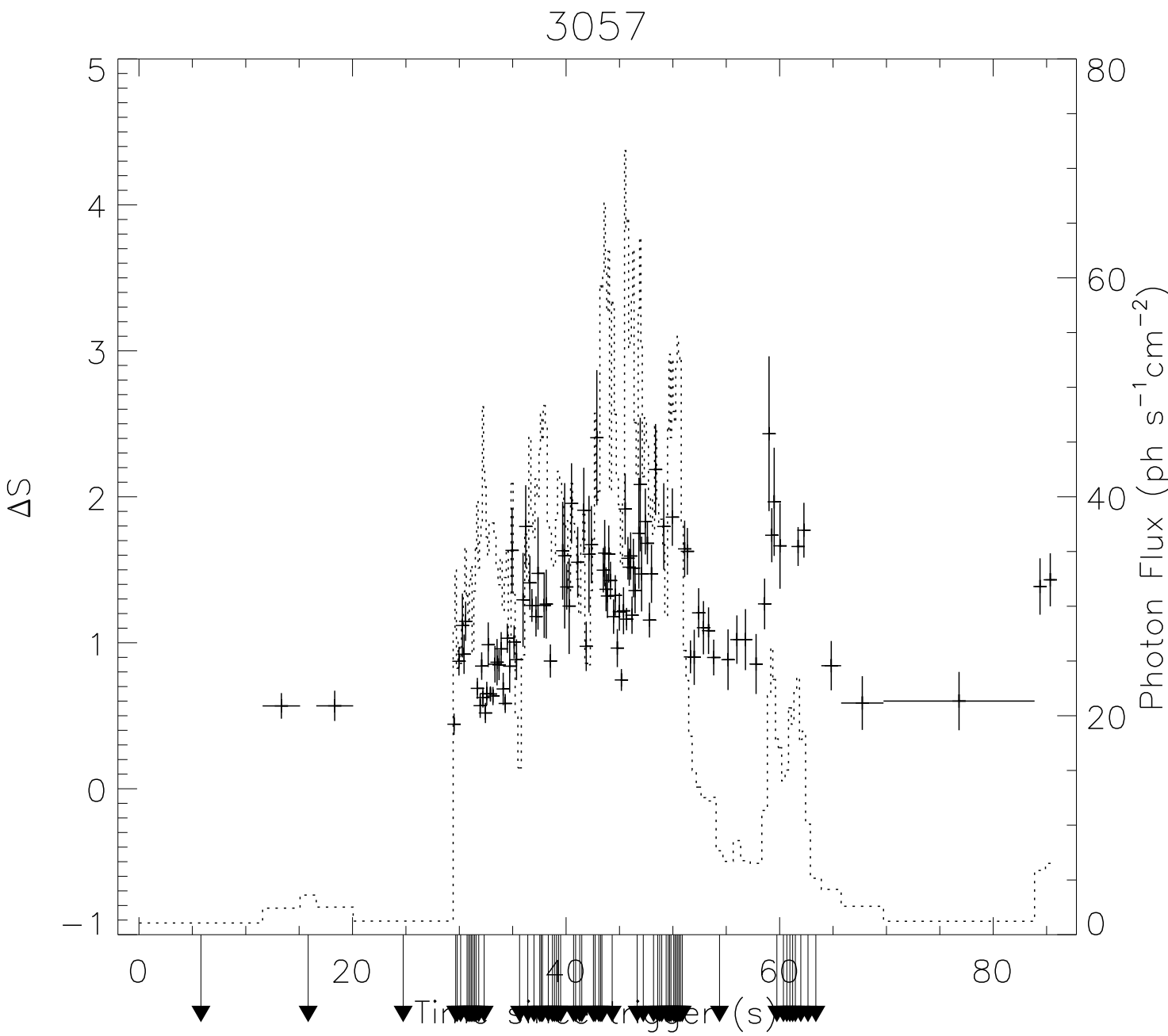

2994
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
10
20
30
40

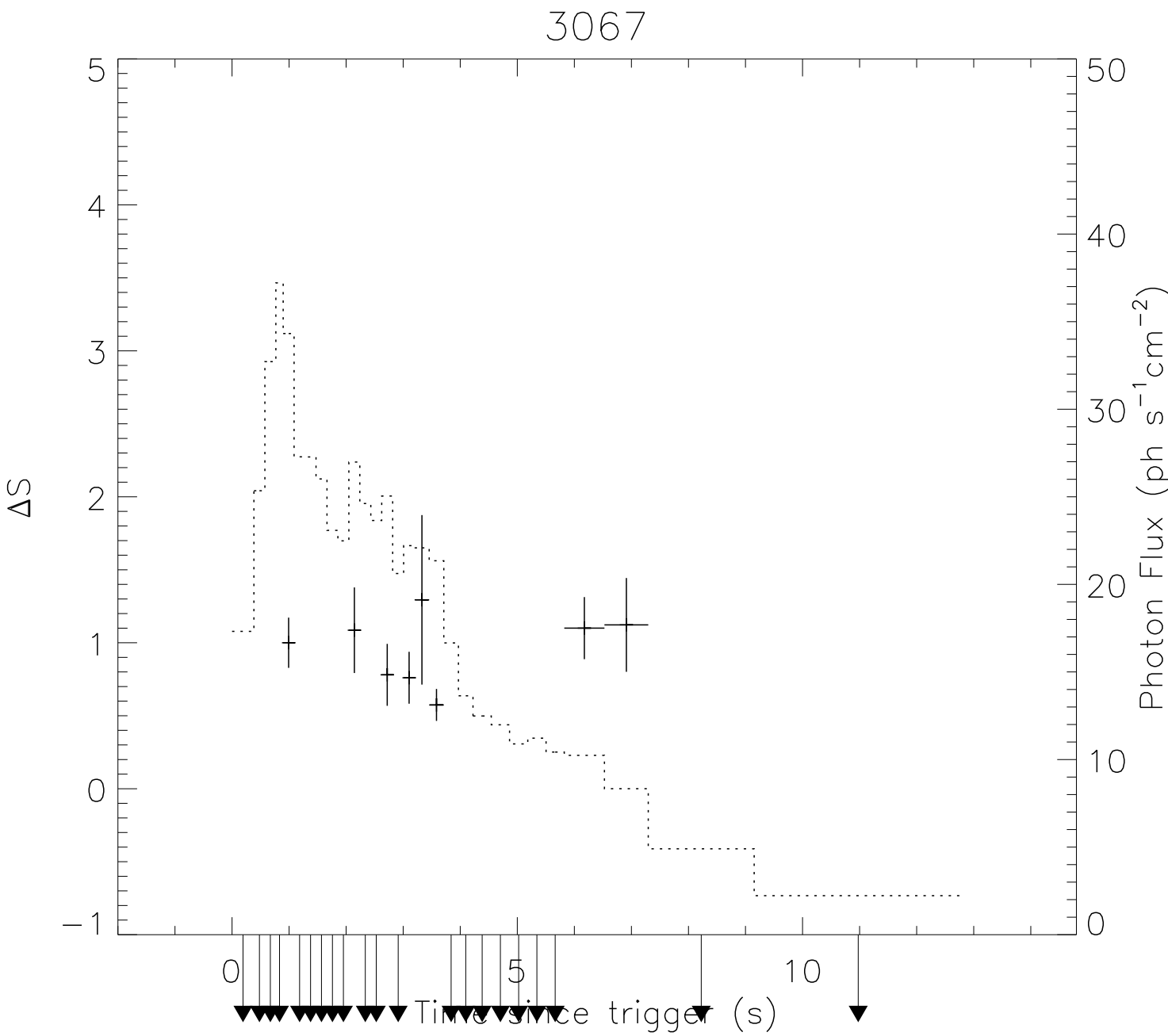

3002
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
100
120
−1
0
1
2
3
4
5
0
2
4
6
8
10

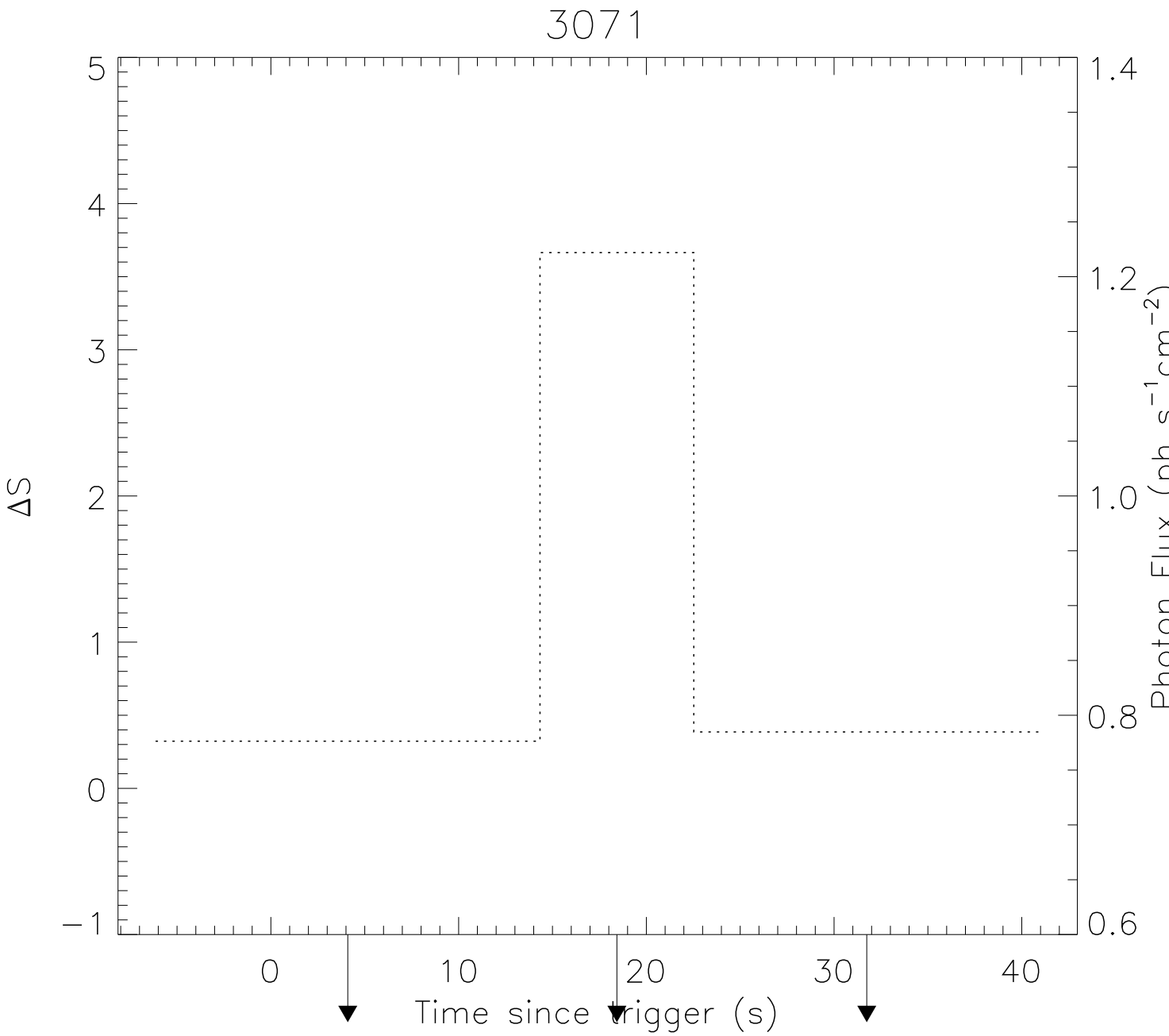

3003
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
5
10
15
20
25
−1
0
1
2
3
4
5
1
2
3
4
5
6

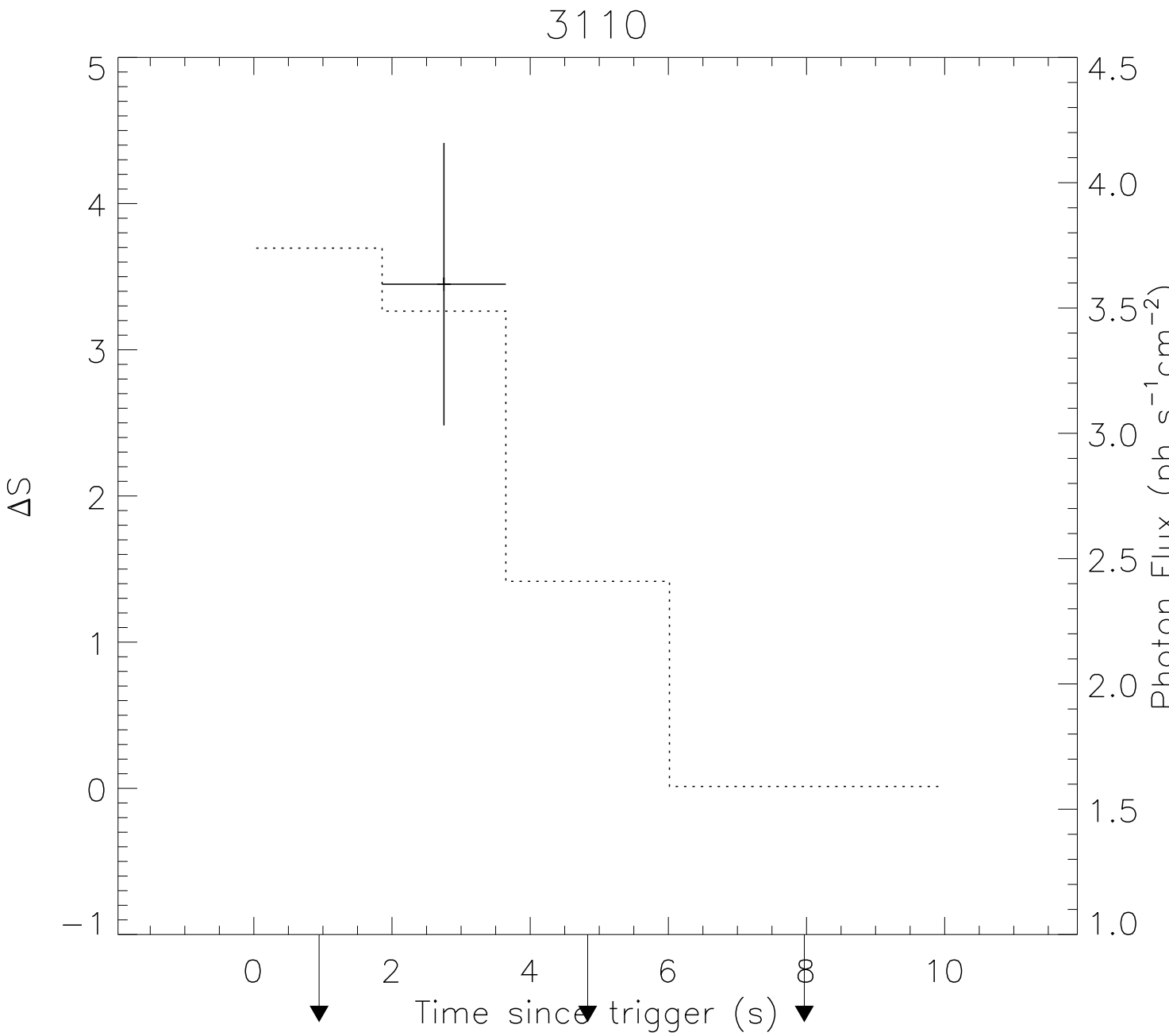

3035
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
100
−1
0
1
2
3
4
5
0
2
4
6
8
10
12

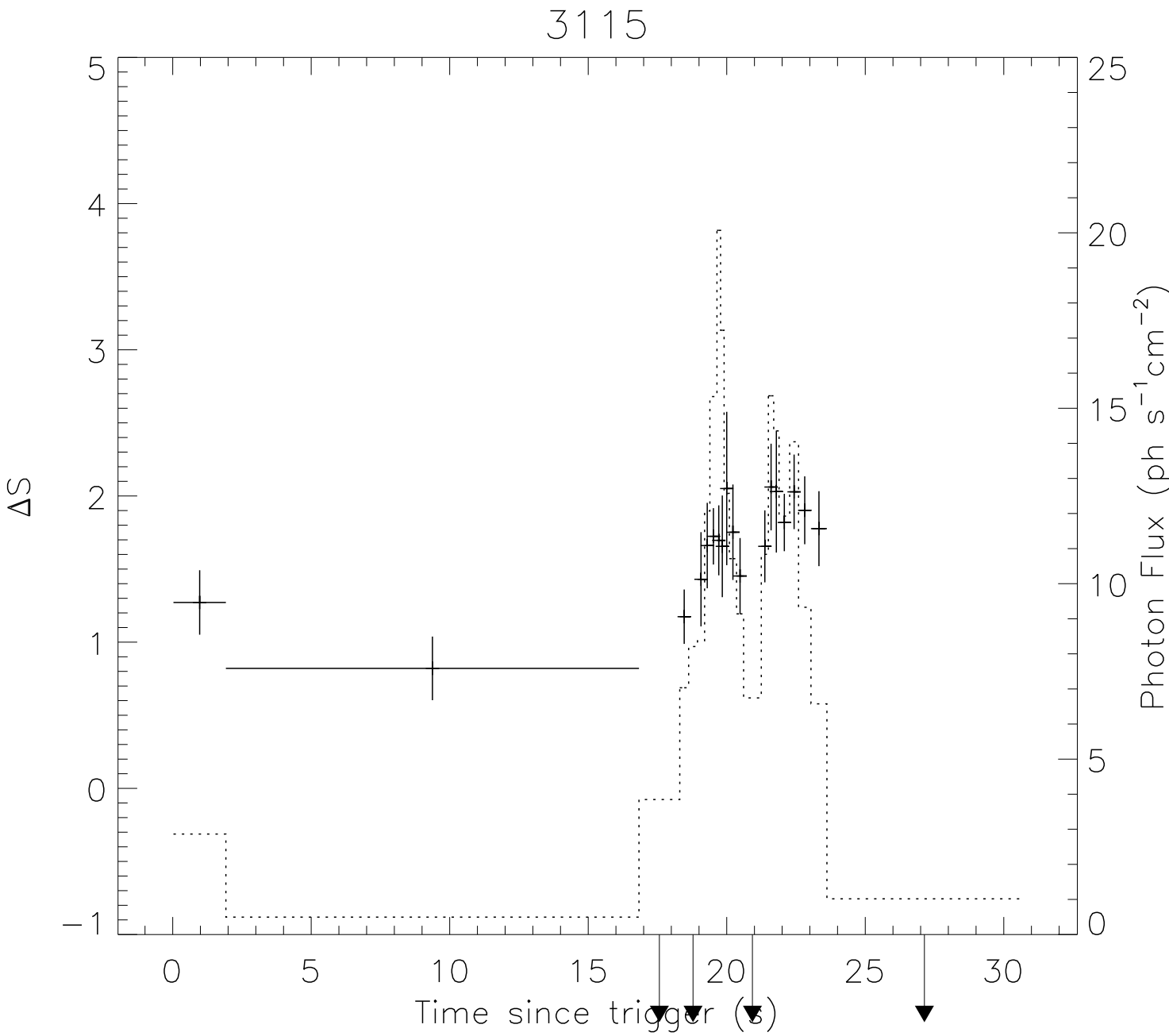

3042
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
15
10
5
0
0
10
20
30
40
50

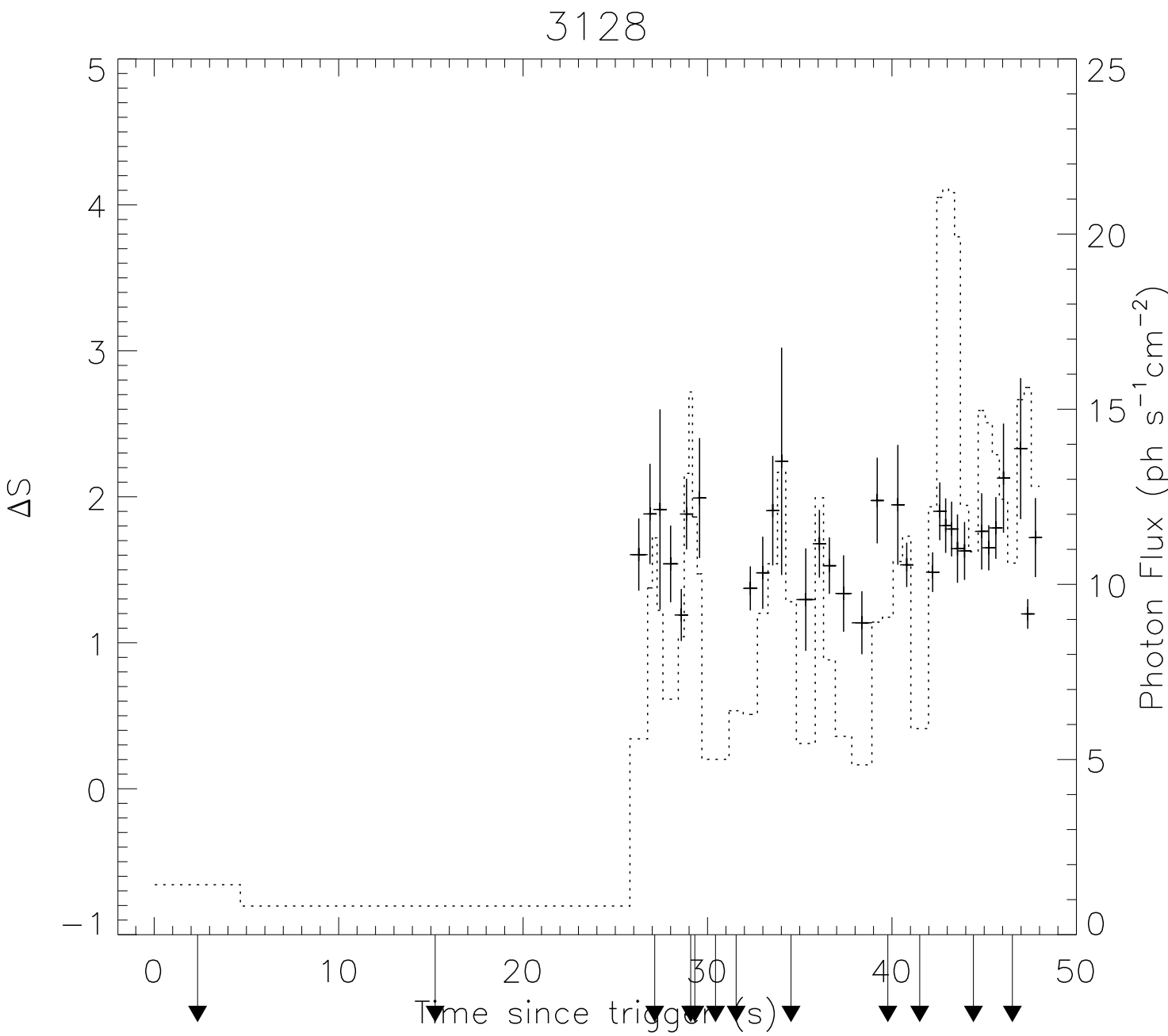

3057
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
−1
0
1
2
3
4
5
0
20
40
60
80

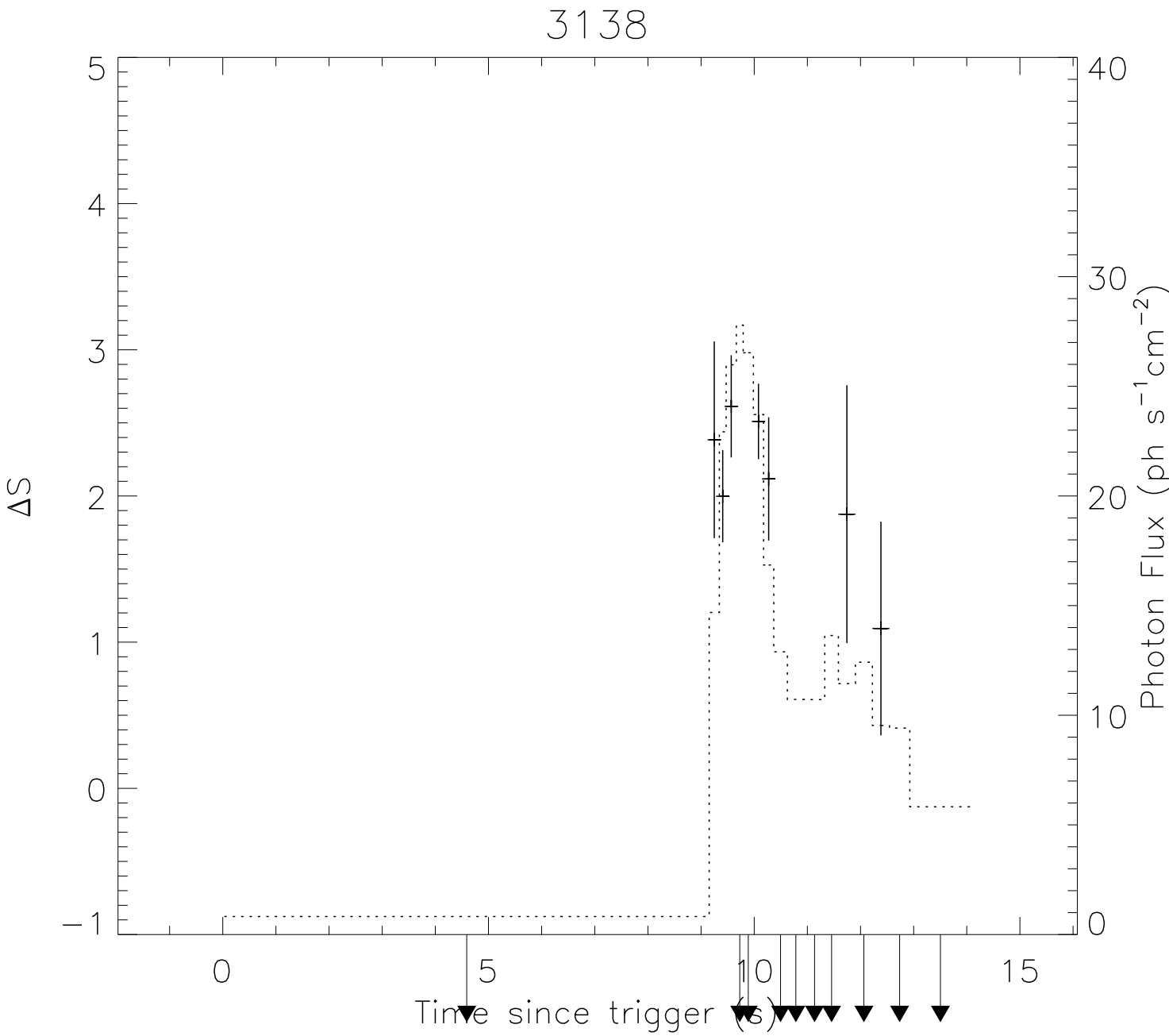

3067
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
5
10

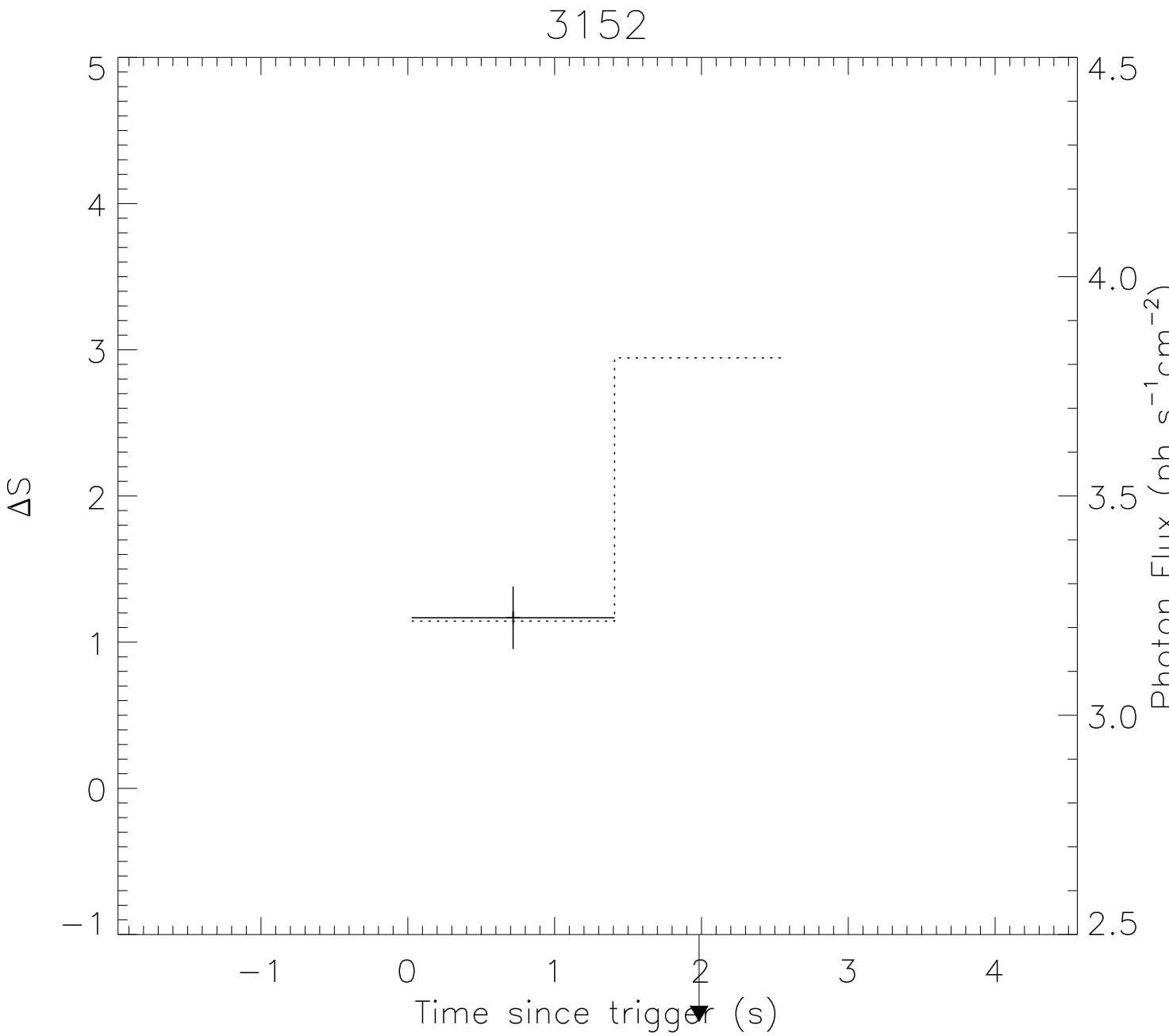

3071
ΔS
5
4
3
2
1
0
−1
1.4
1.2
1.0
0.8
0.6
0
10
20
30
40
Time since trigger (s)

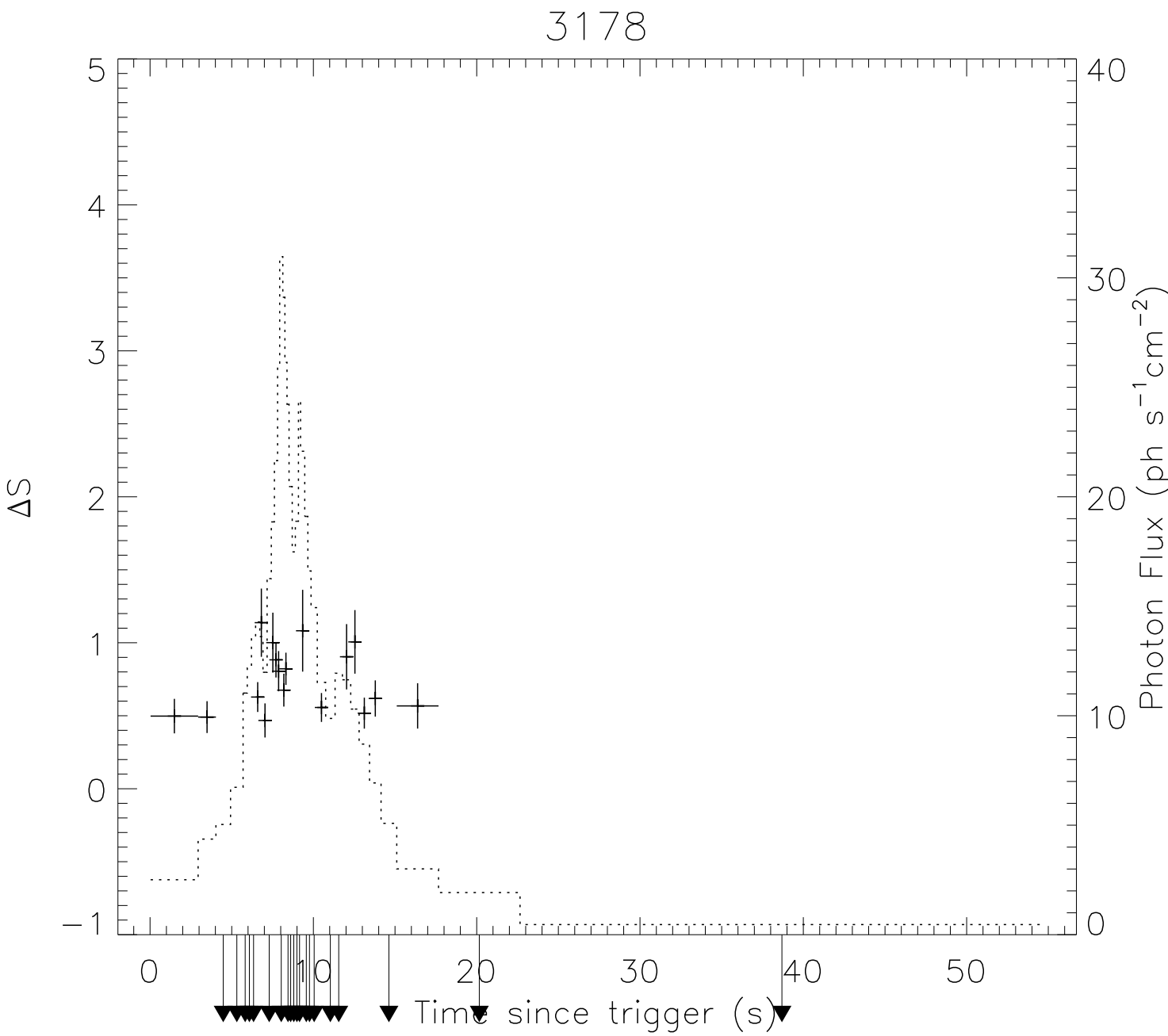

3110
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
2
4
6
8
10

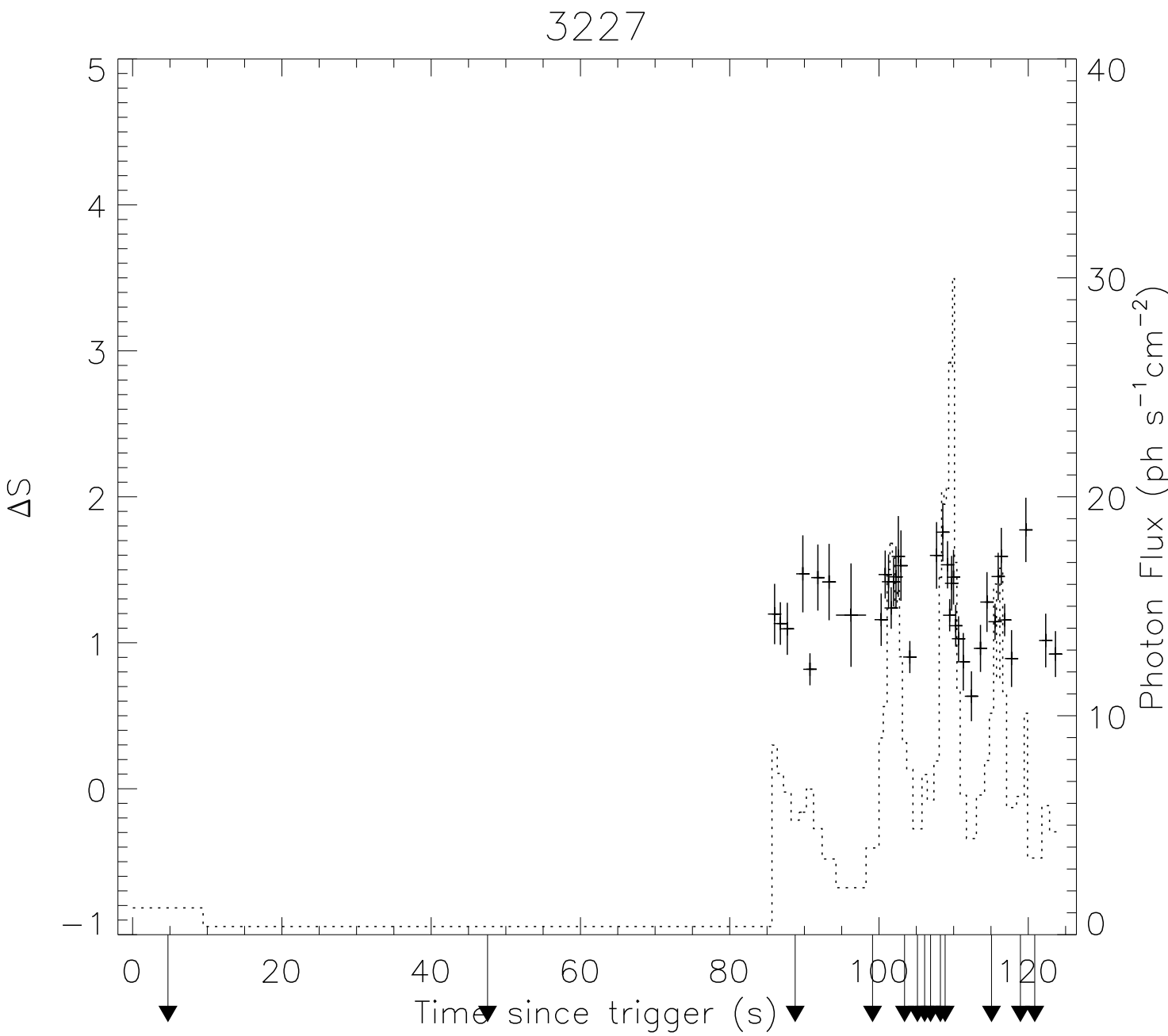

3115
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
5
10
15
20
25
30

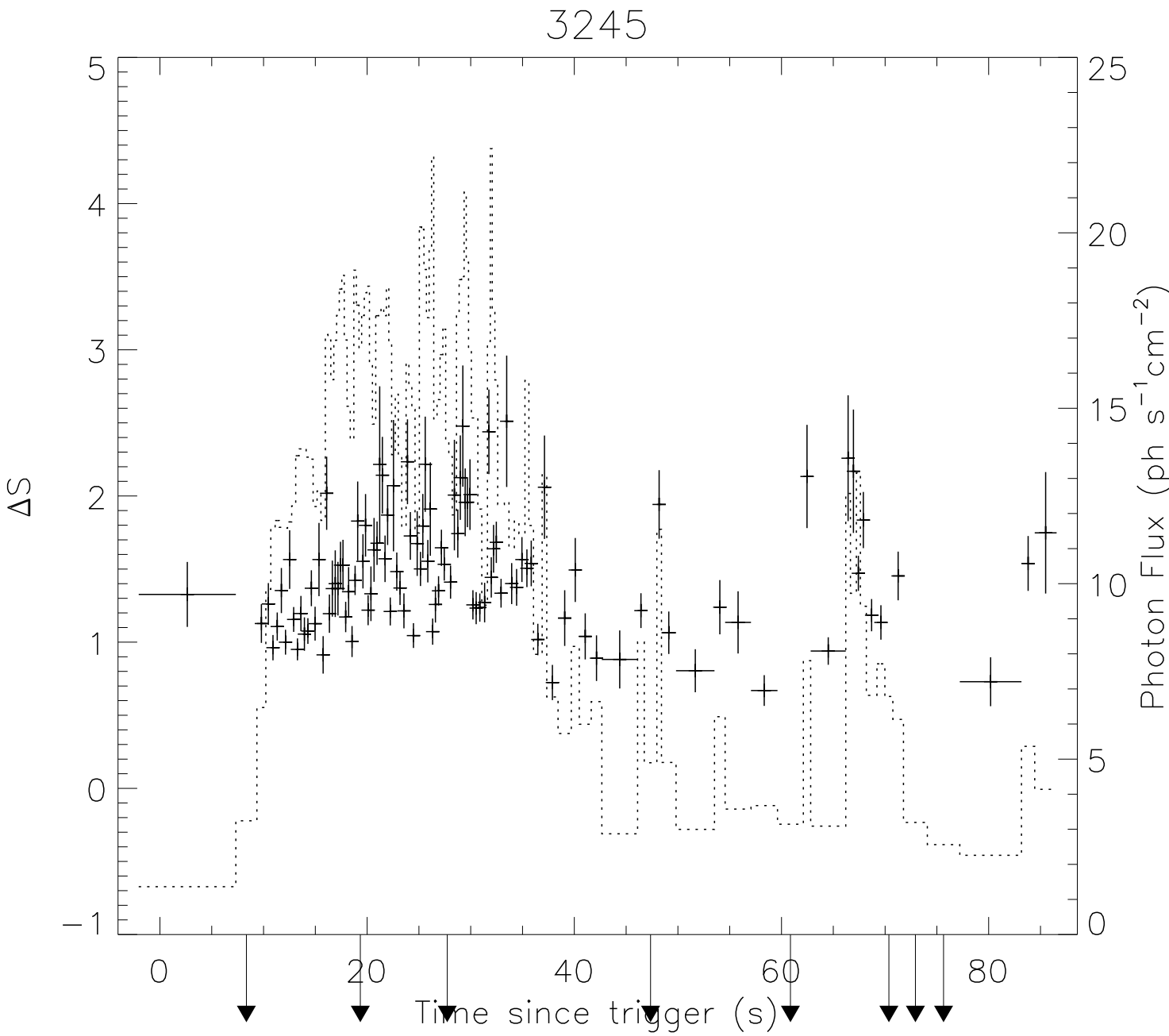

3128
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
10
20
30
40
50

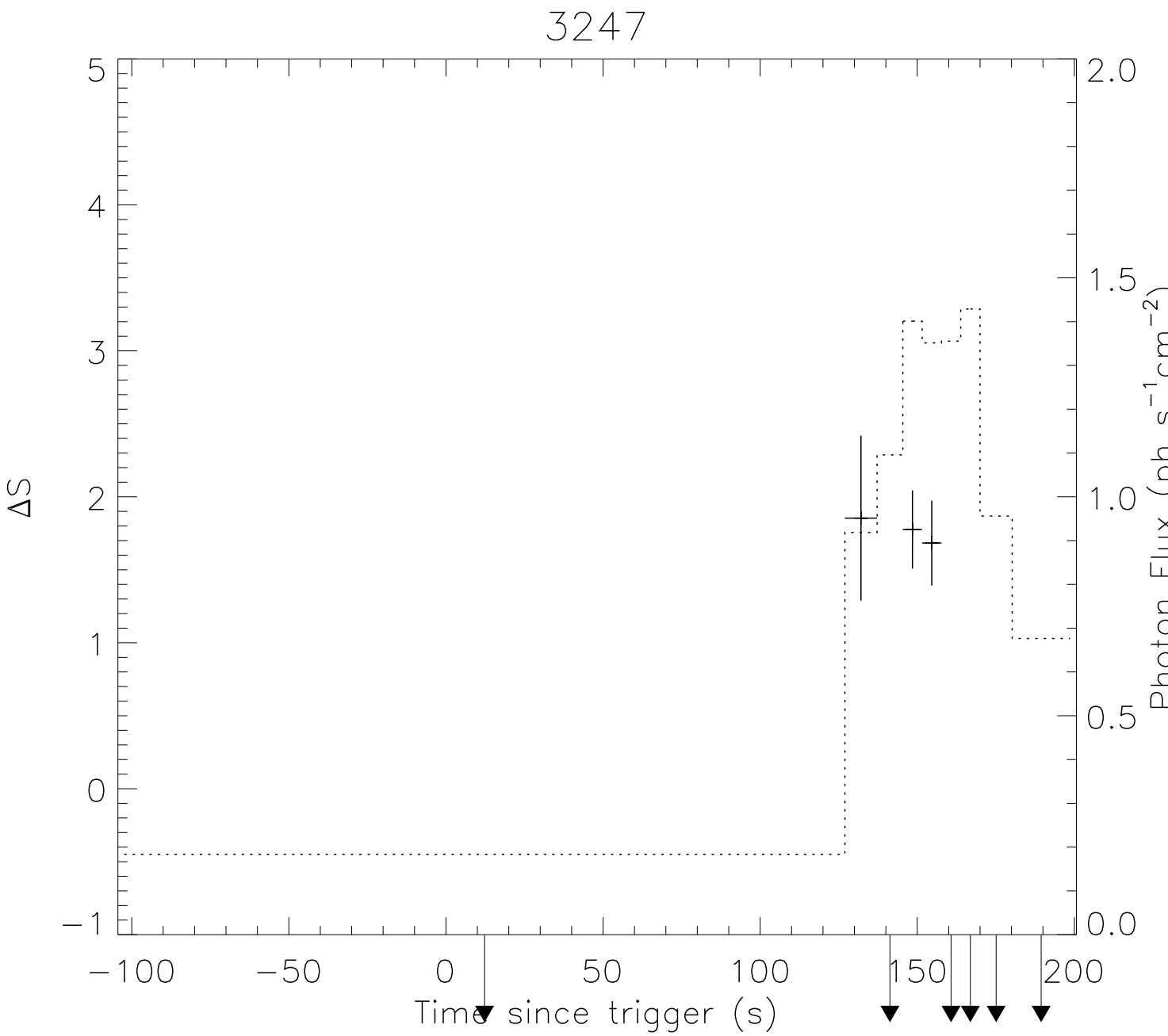

3138
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
5
10
15

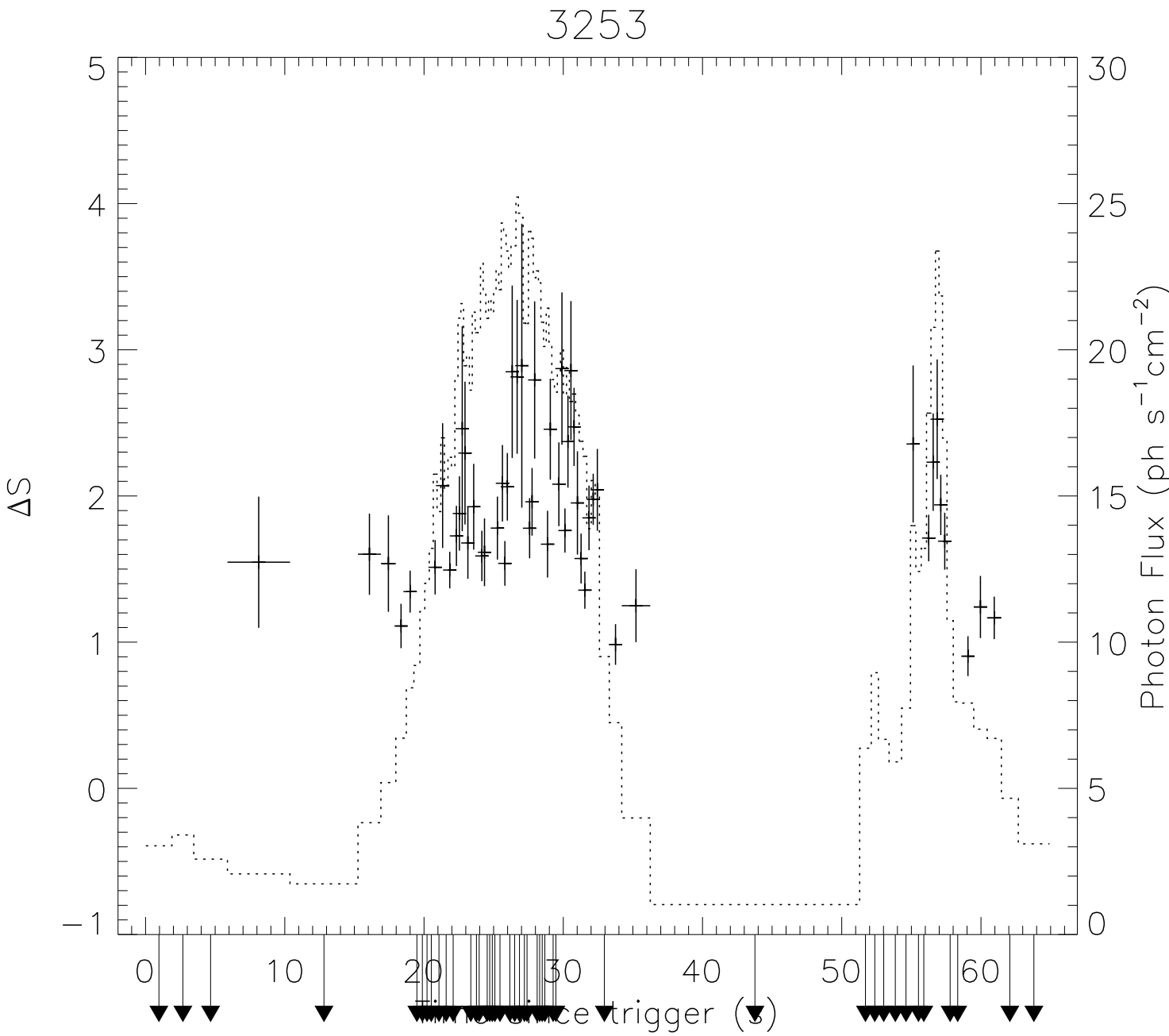

3152
5
4
3
2
1
0
−1
ΔS
4.5
4.0
3.5
3.0
2.5
−1
0
1
2
3
4
Time since trigger (s)

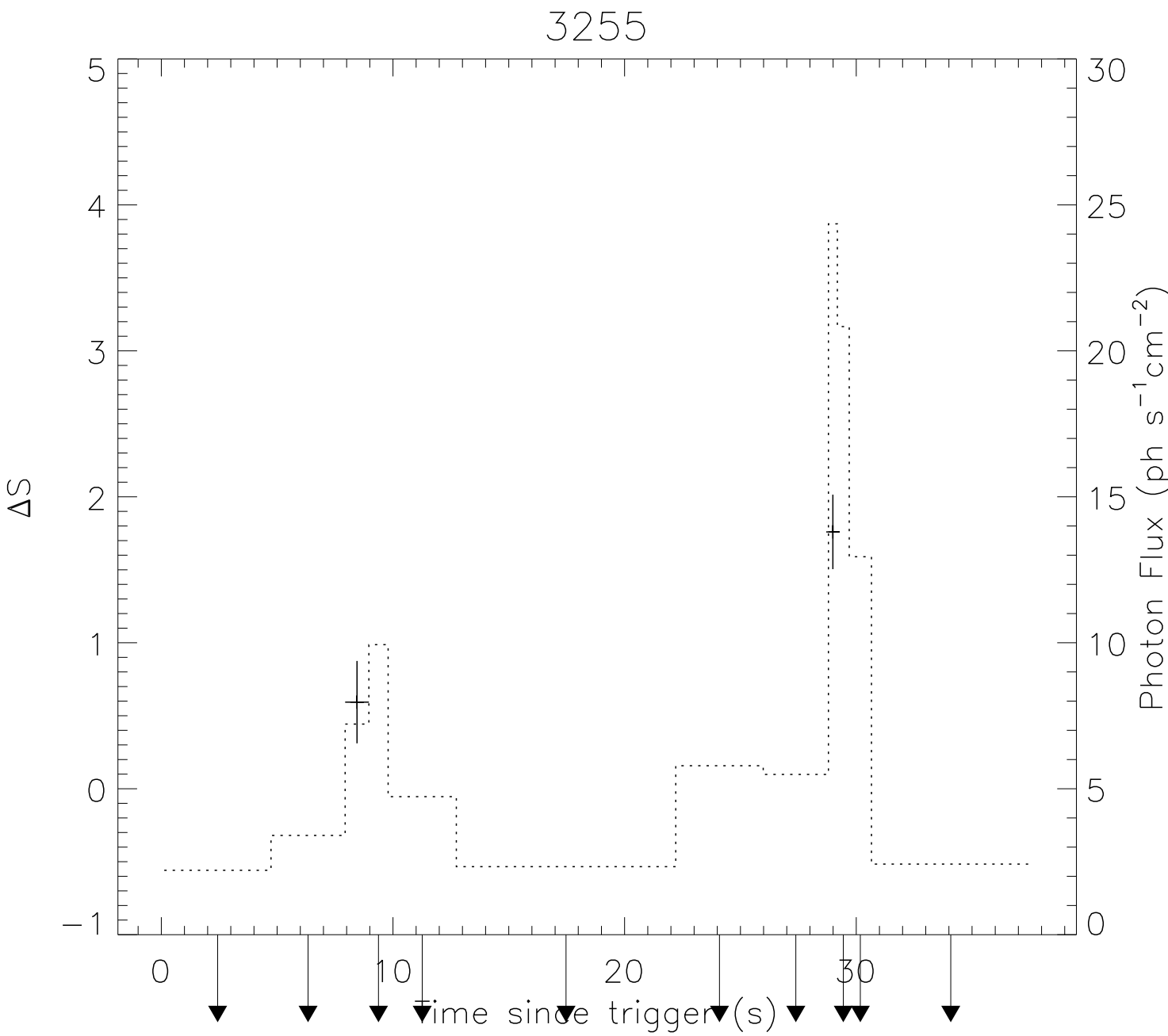

3178
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
10
20
30
40
50

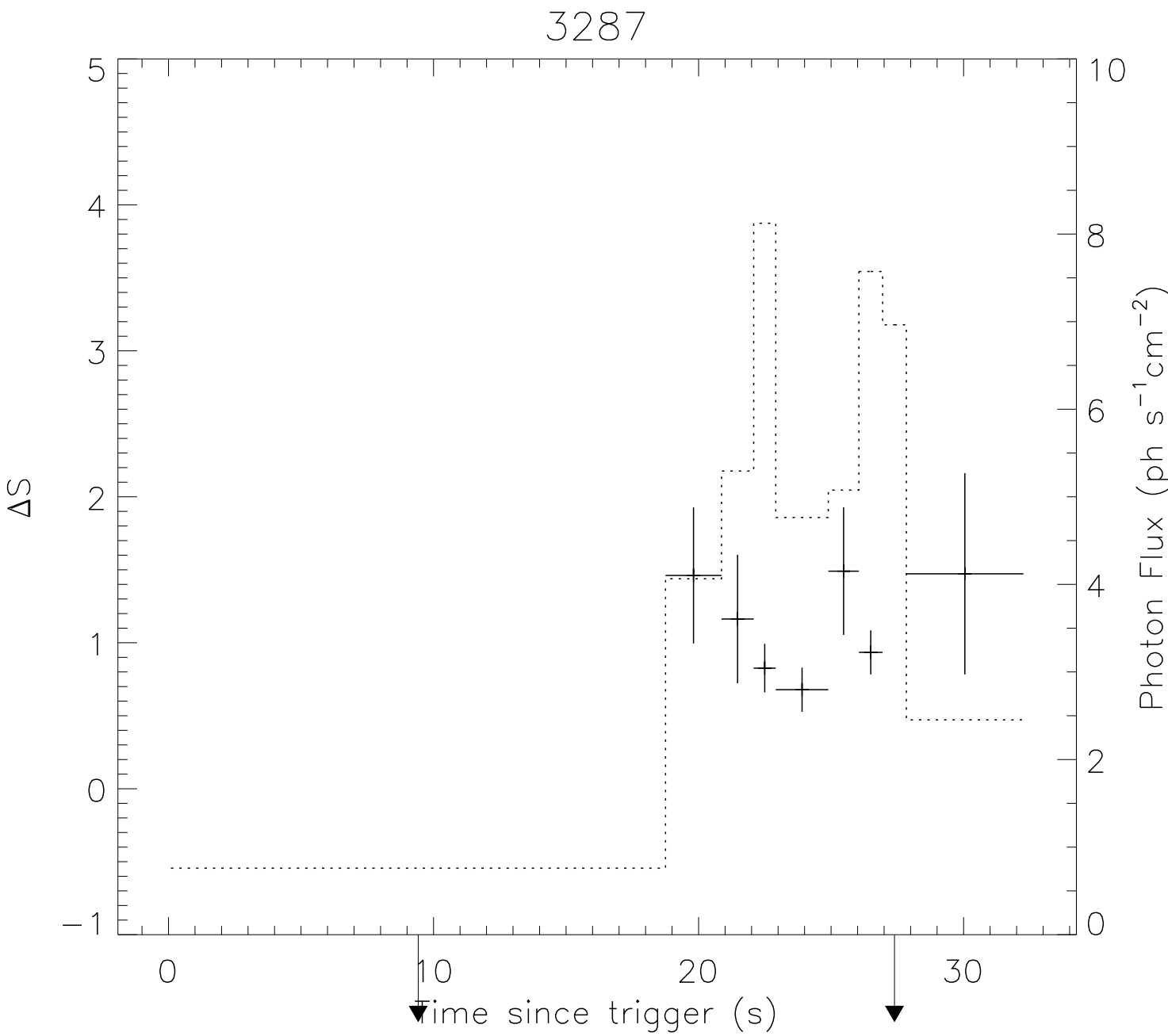

3227
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
100
120
−1
0
1
2
3
4
5
0
10
20
30
40

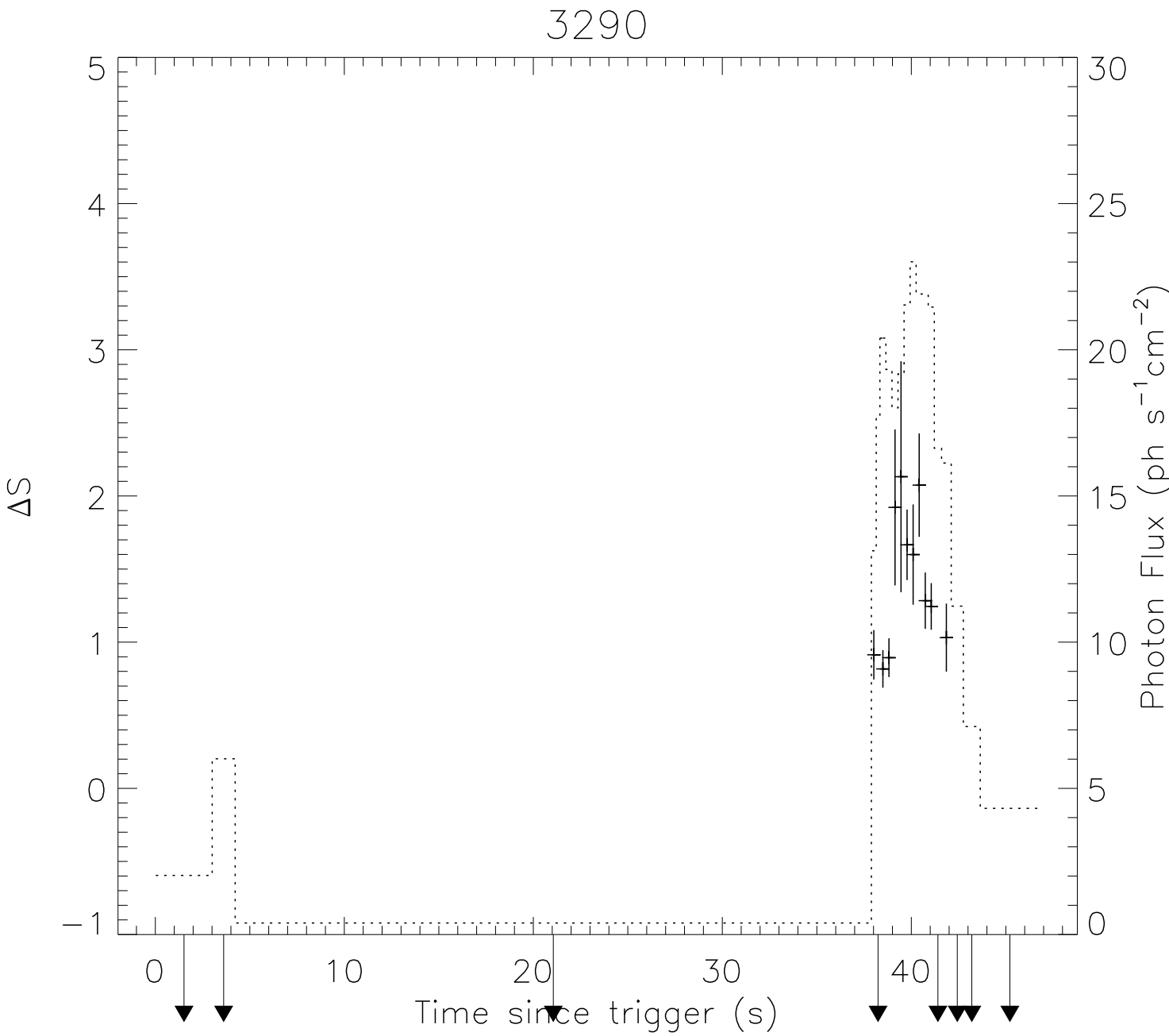

3245
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
20
40
60
80

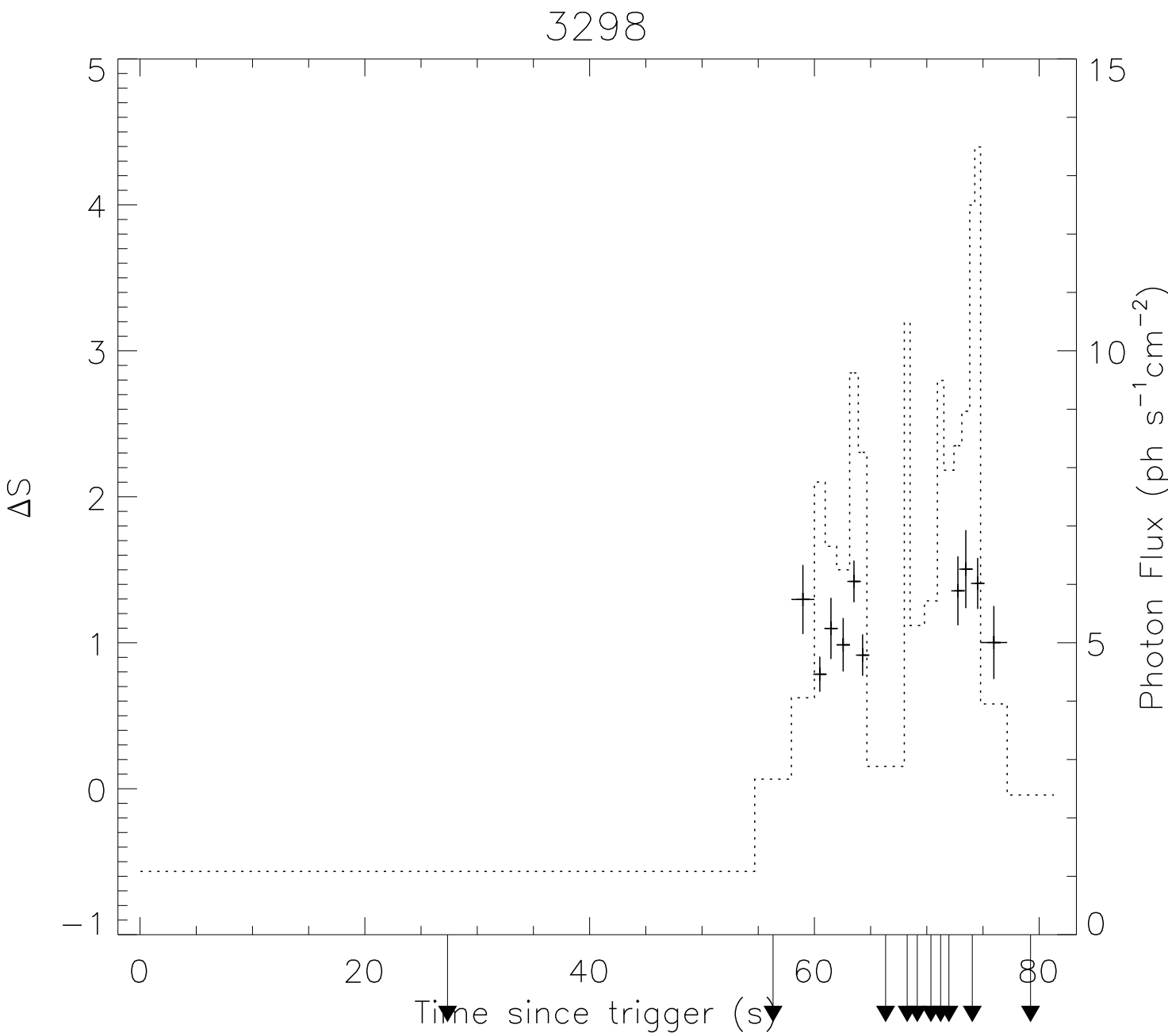

3247
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
2.0
1.5
1.0
0.5
0.0
−100
−50
0
50
100
150
200

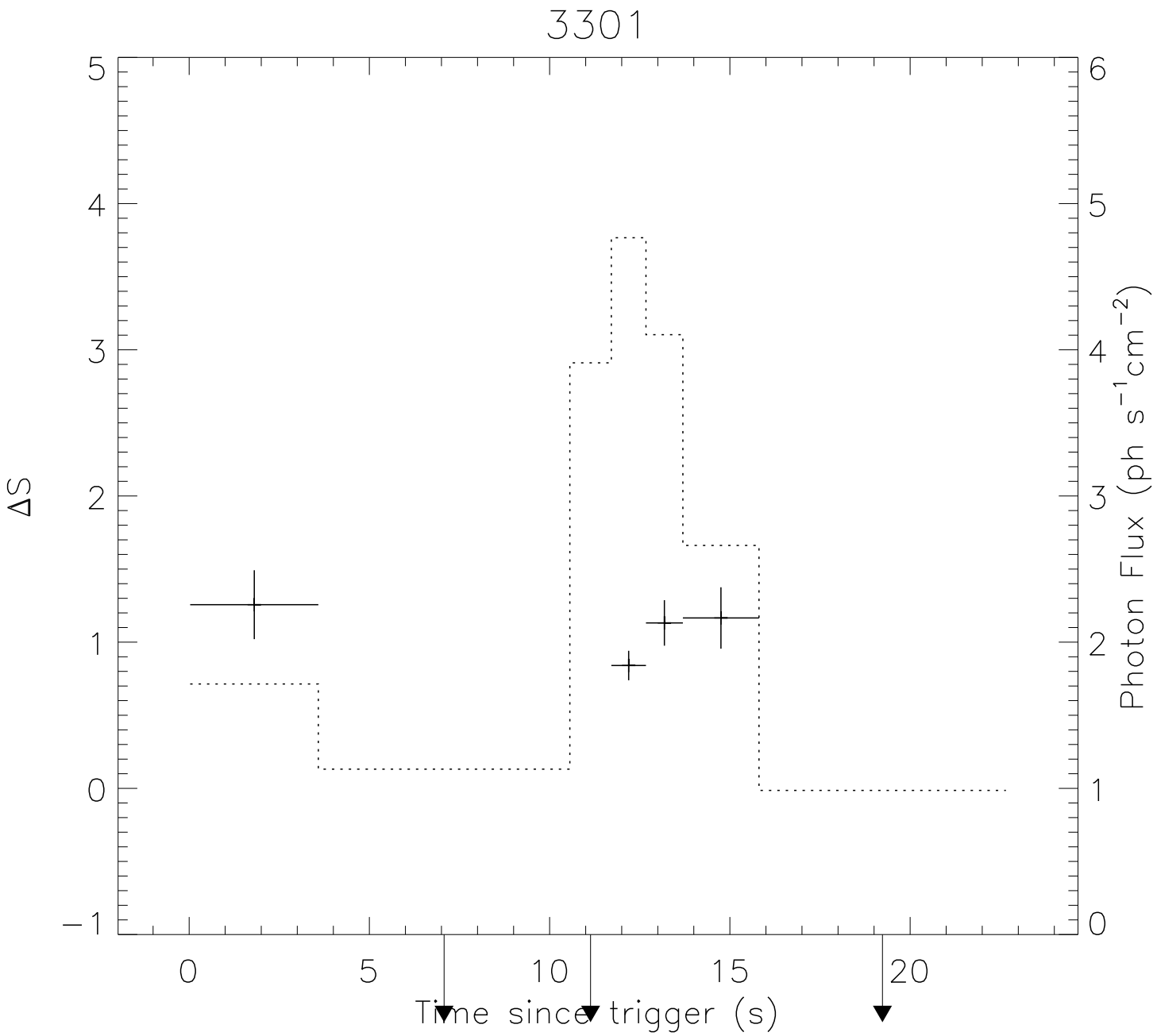

3253
ΔS
Photon Flux (ph s^{-1}cm^{-2})
trigger (s)

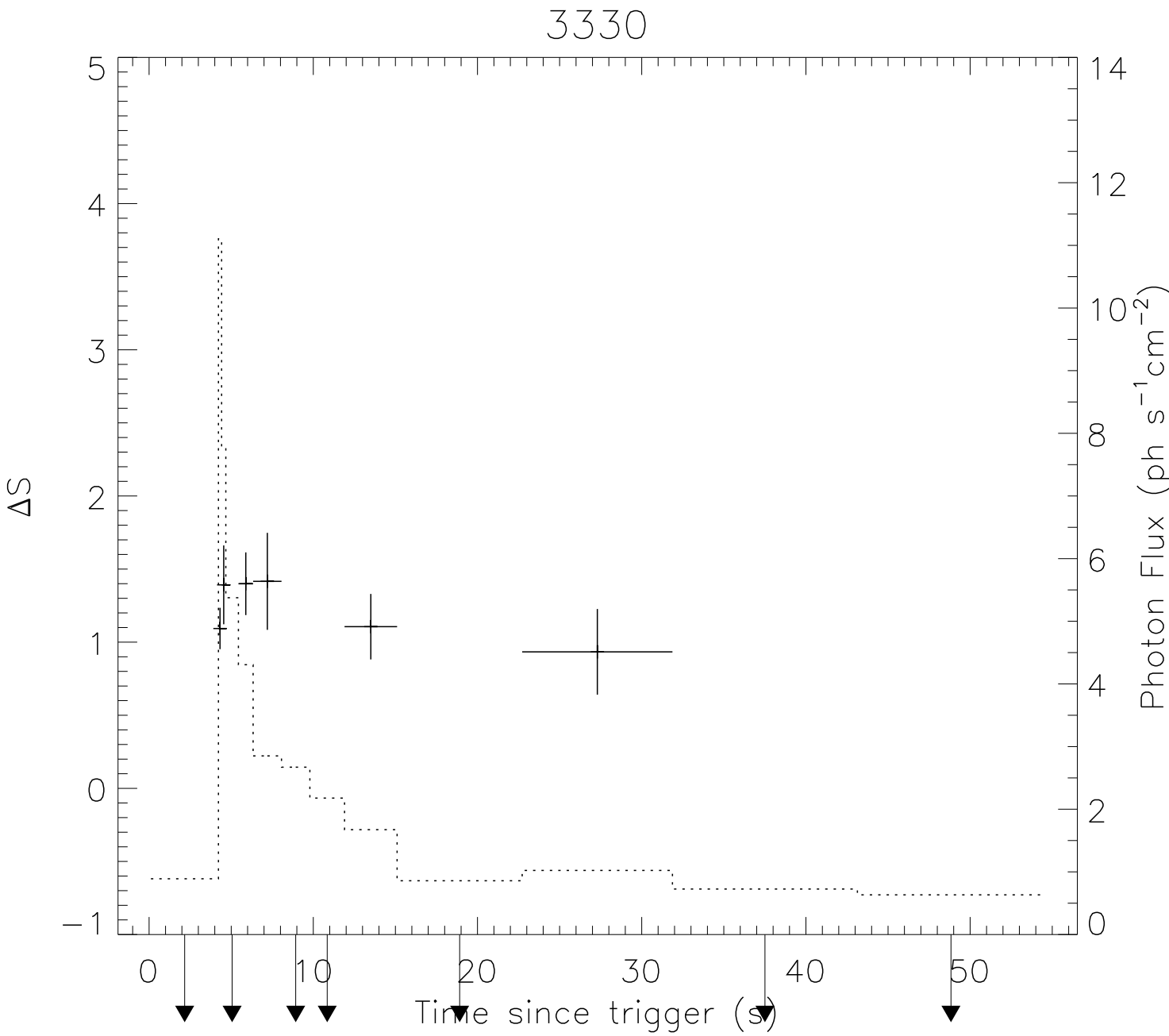

3255
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
10
20
30

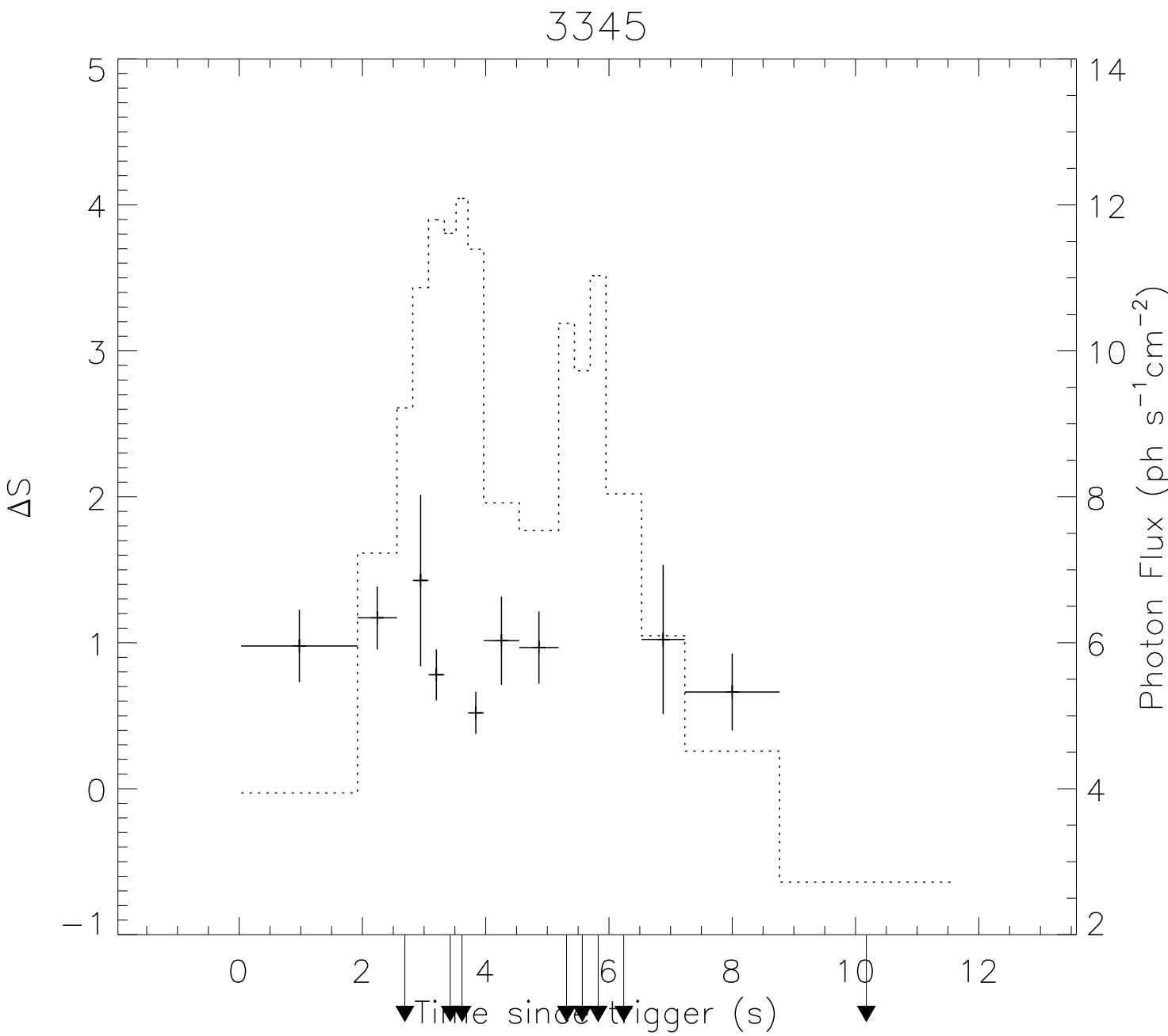

3287
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
10
8
6
4
2
0
0
10
20
30

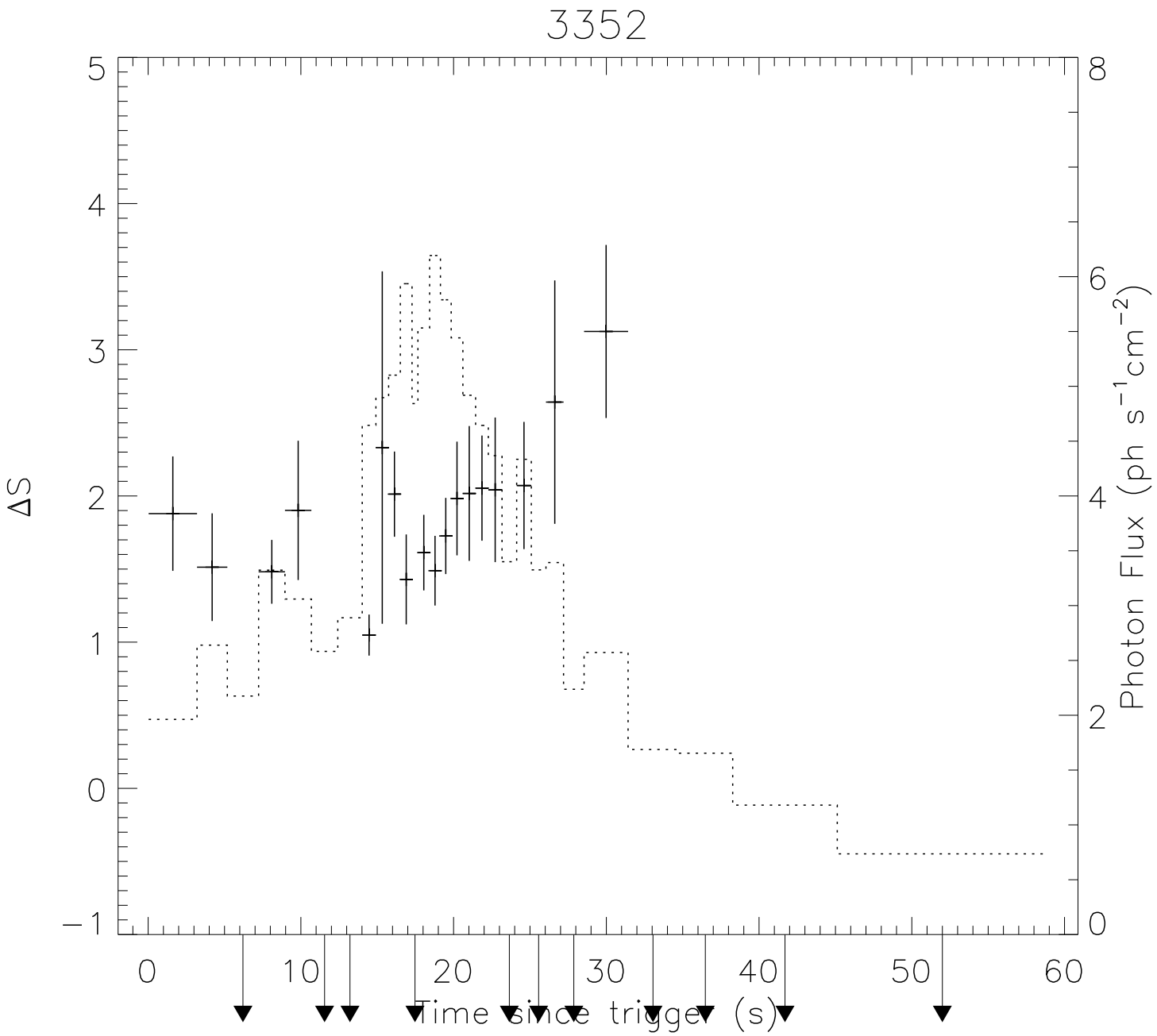

3290
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
10
20
30
40

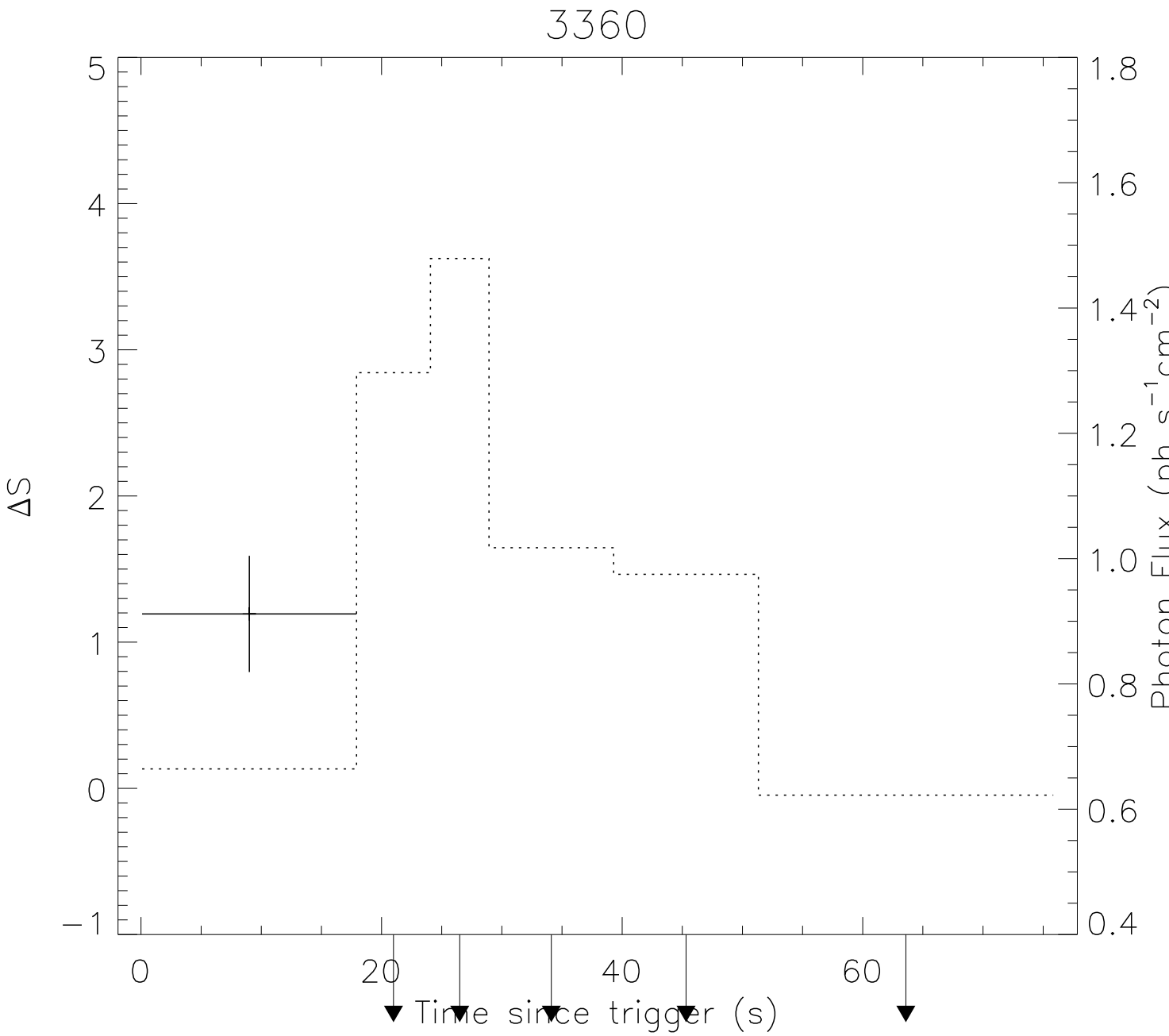

3298
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
15
10
5
0
0
20
40
60
80

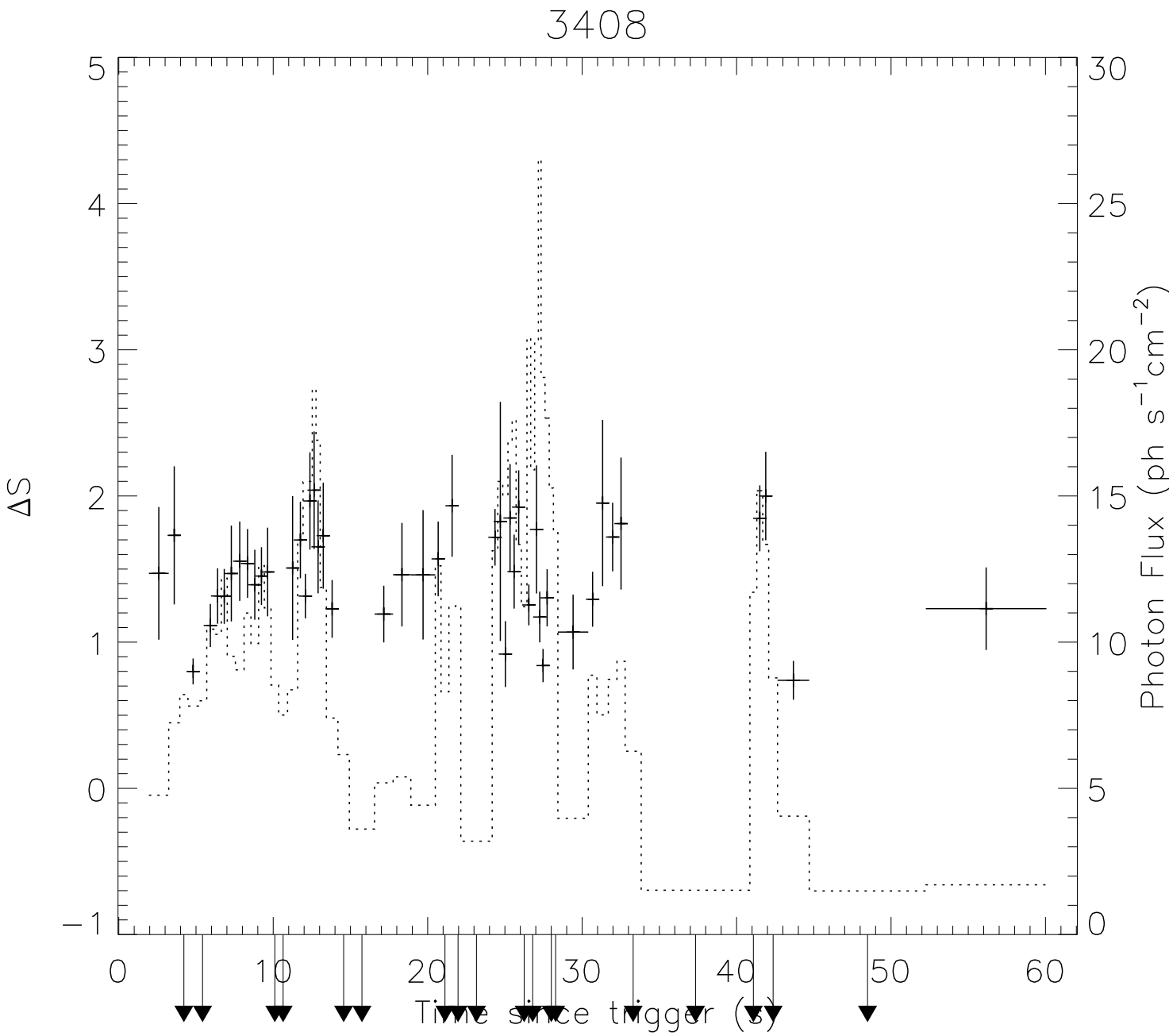

3301
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
−1
0
1
2
3
4
5
6
0
5
10
15
20

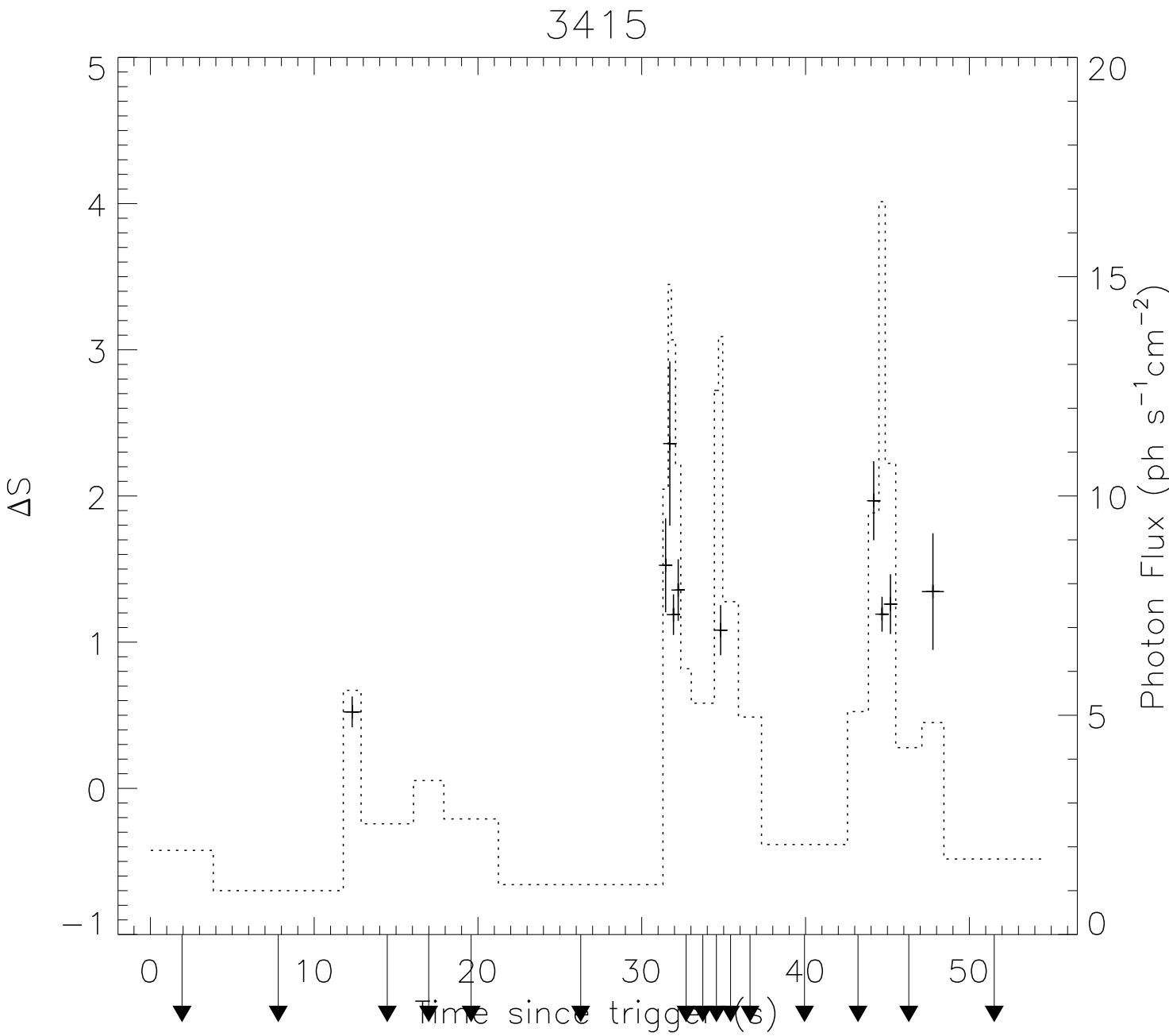

3330
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
14
12
10
8
6
4
2
0
0
10
20
30
40
50

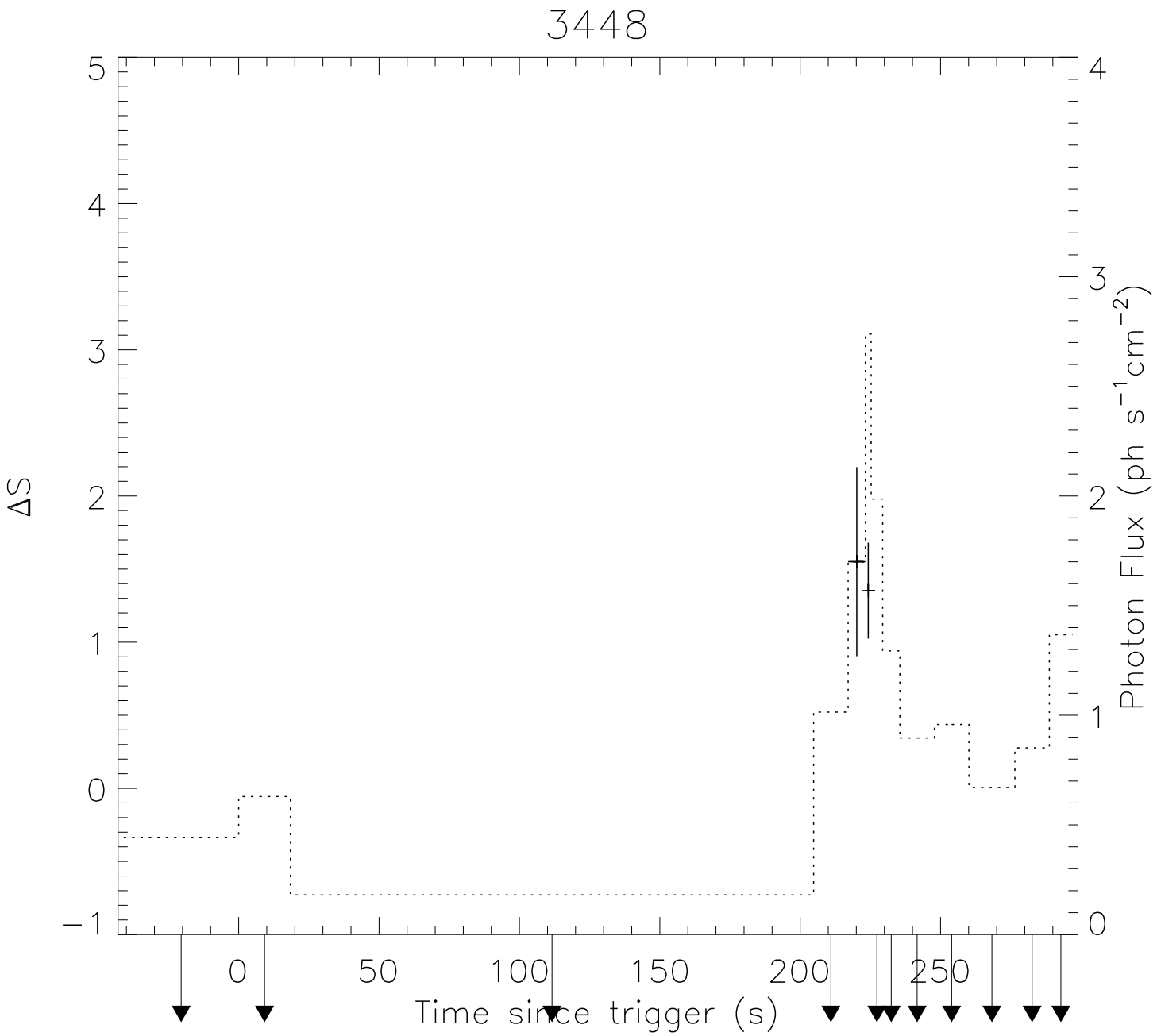

3345
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
14
12
10
8
6
4
2
0
2
4
6
8
10
12

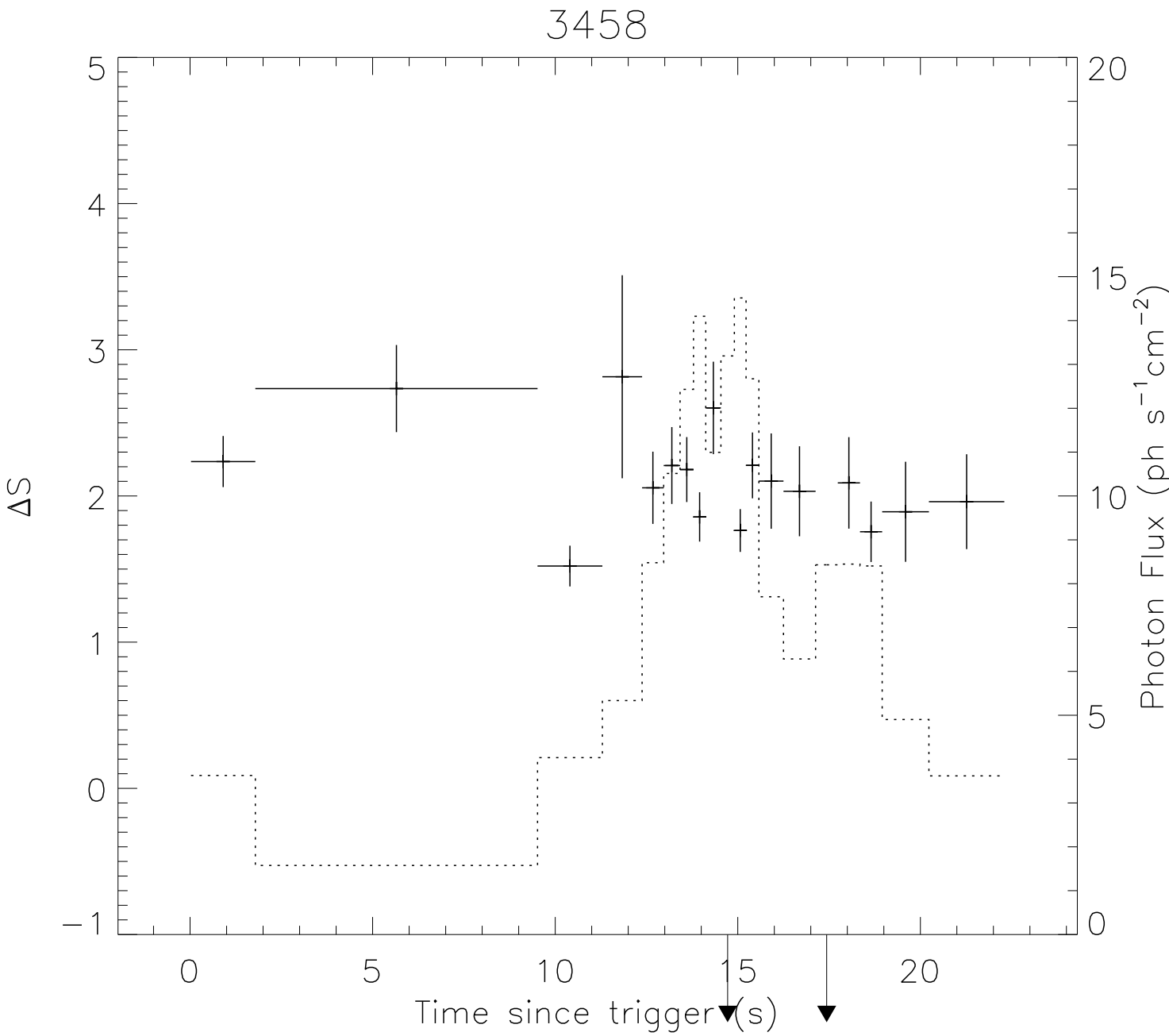

3352
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
10
20
30
40
50
60

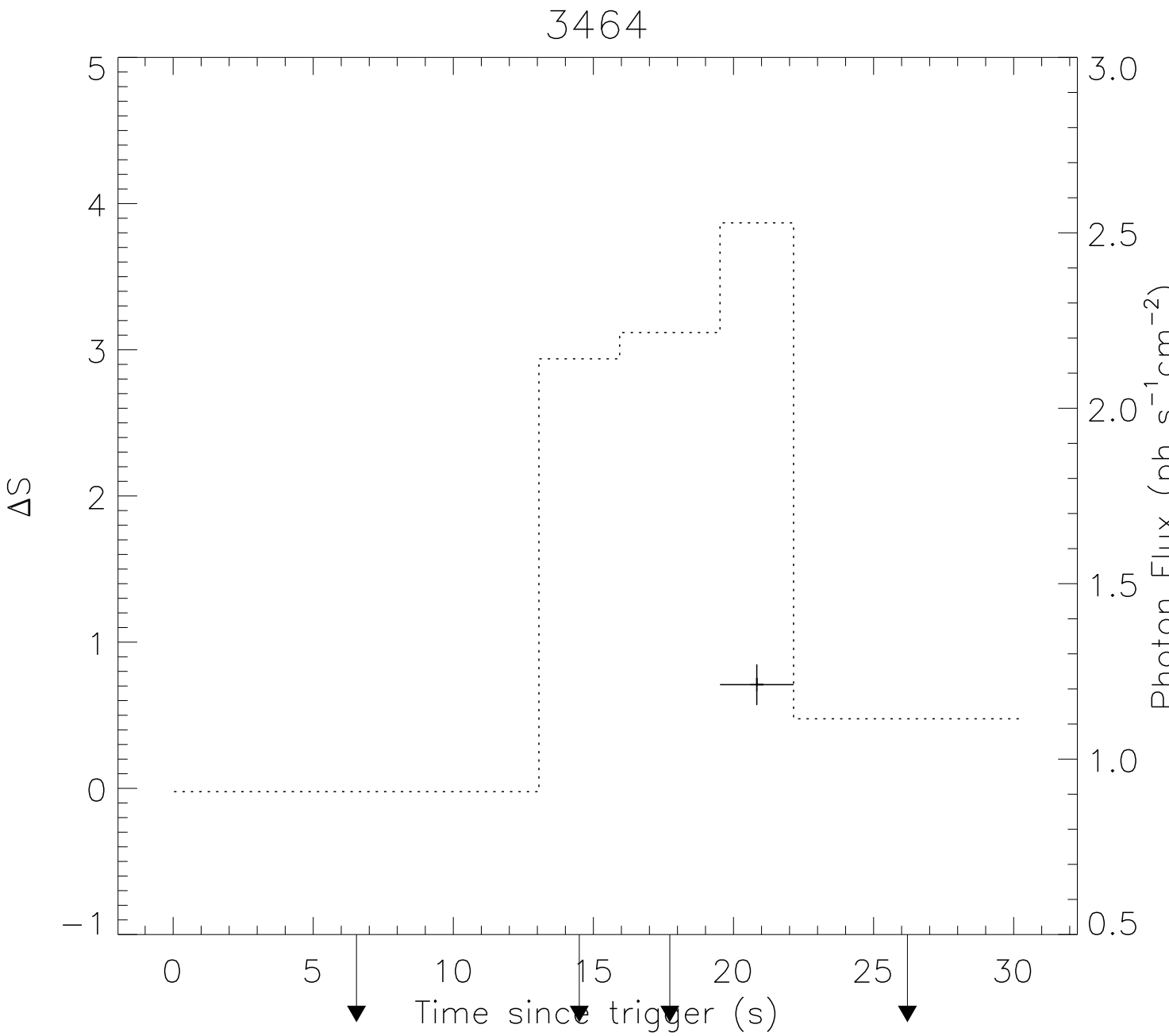

3360
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0
20
40
60

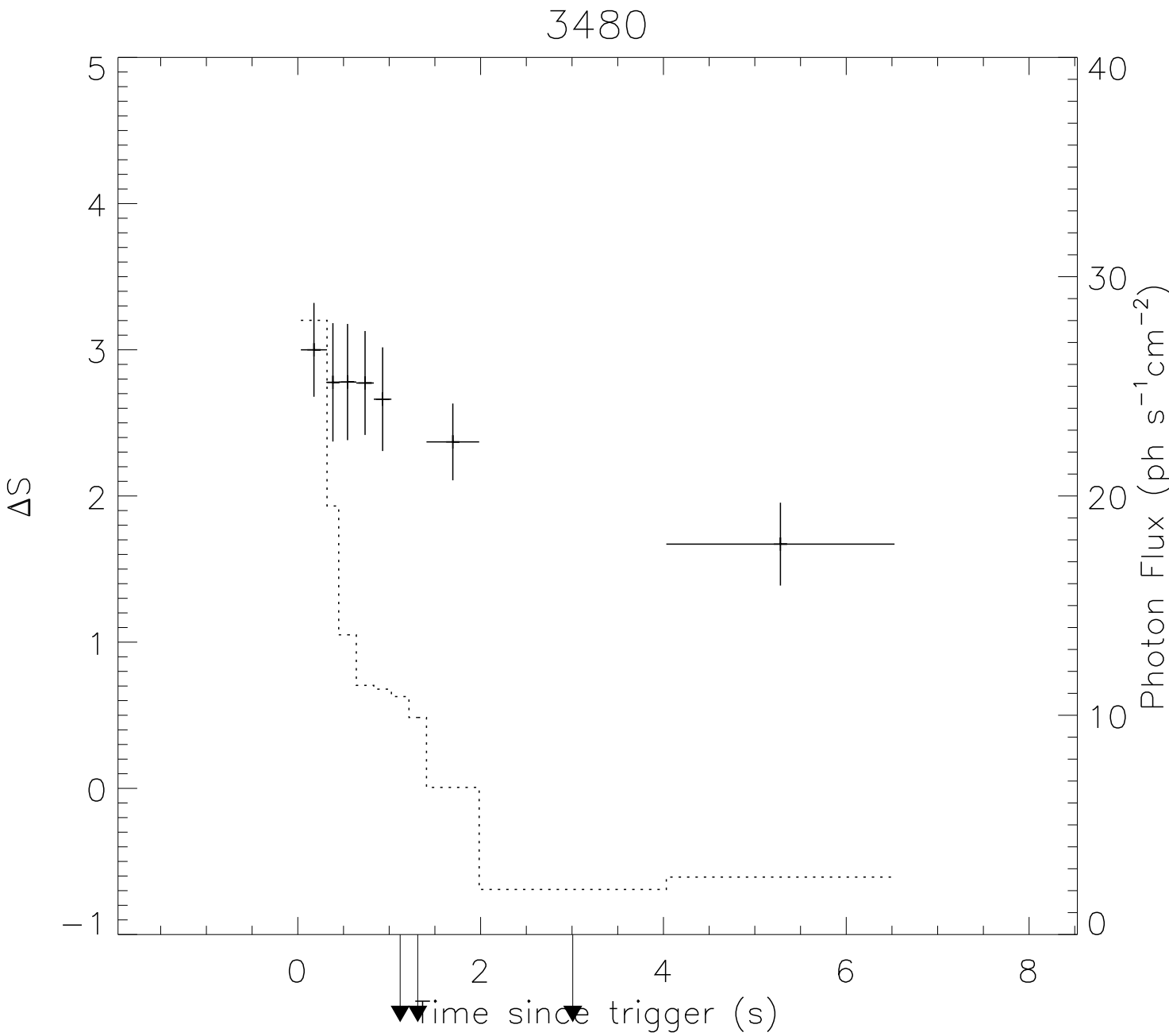

3408
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
10
20
30
40
50
60

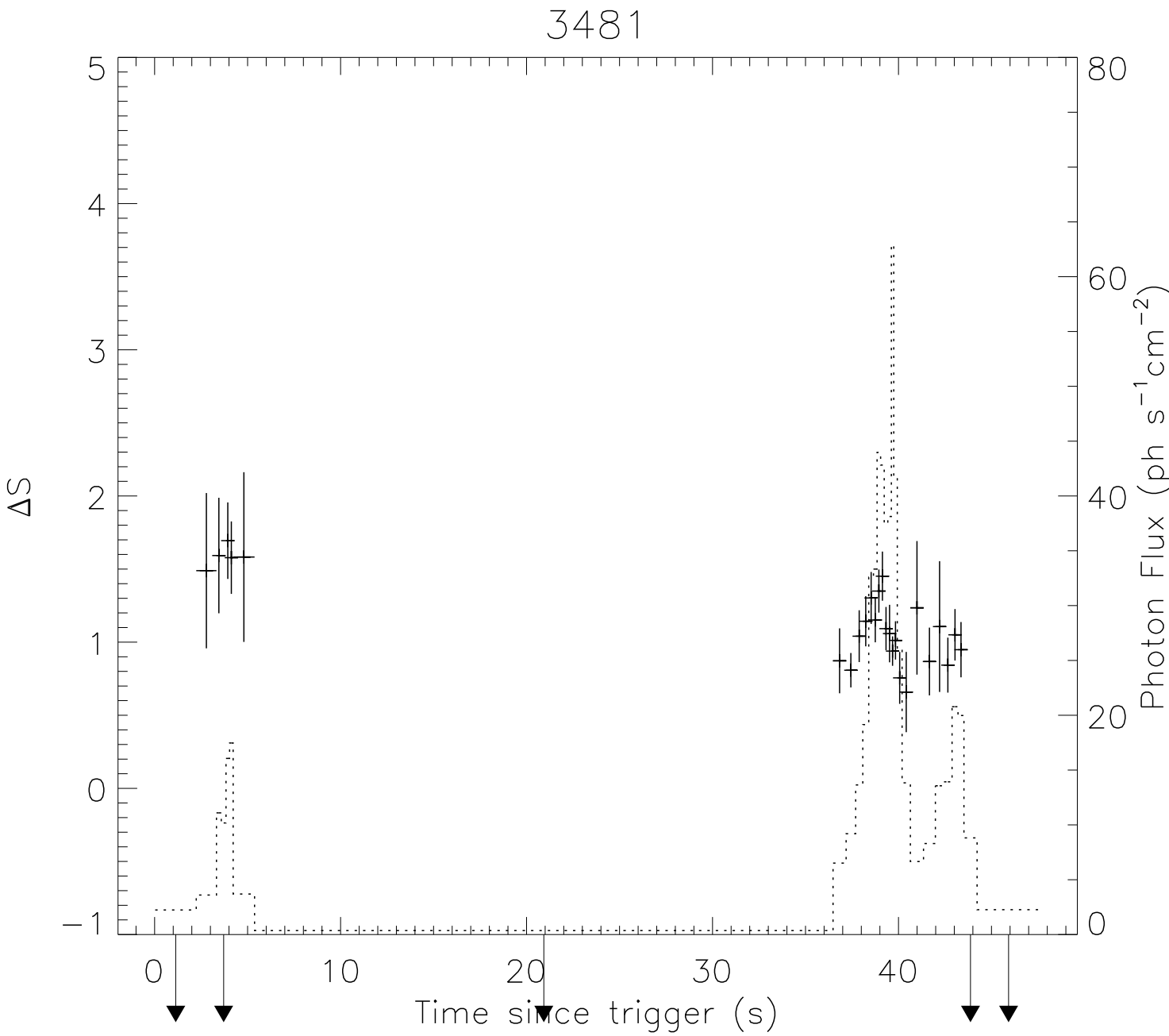

3415
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
10
20
30
40
50

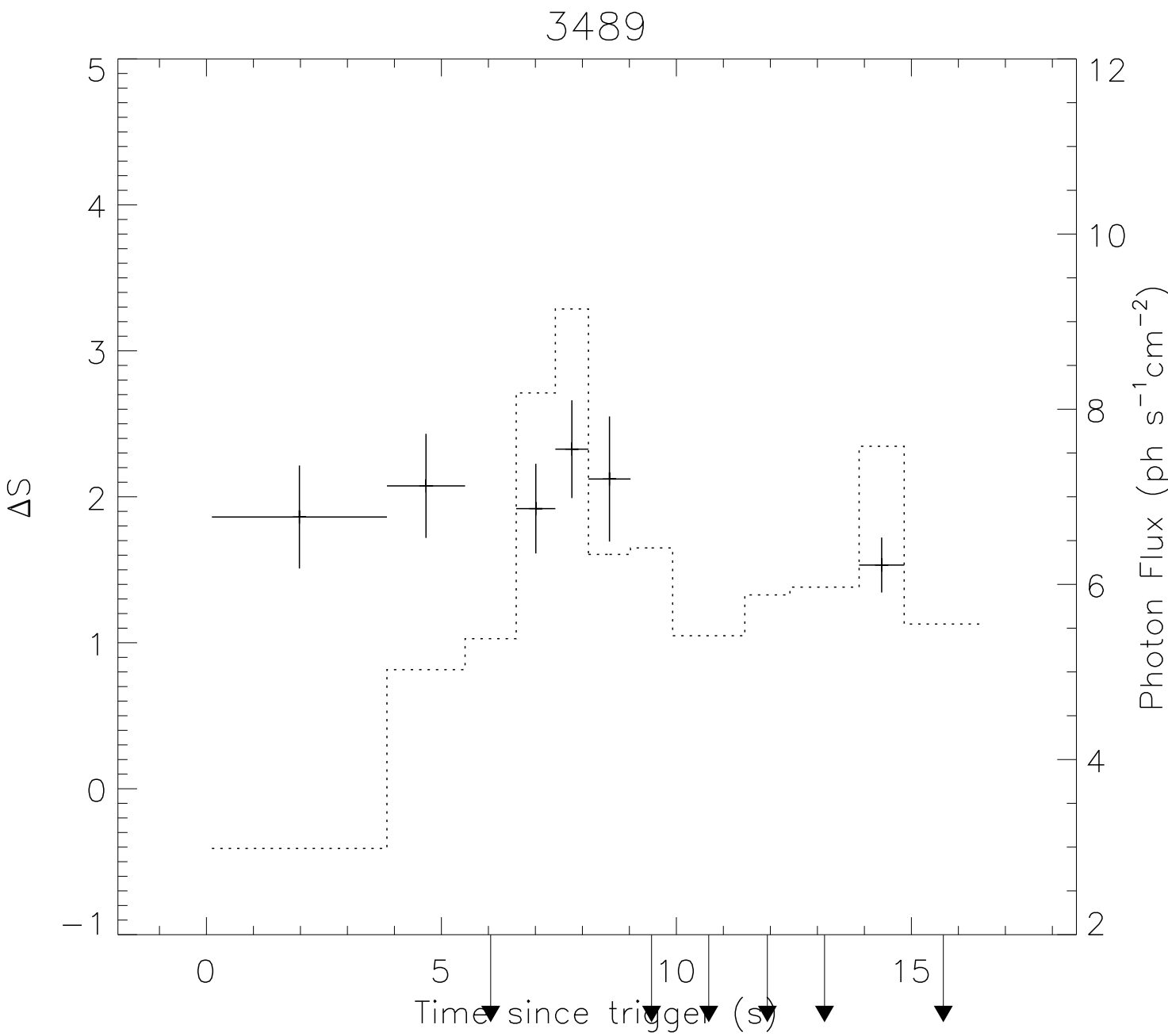

3448
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
4
3
2
1
0
0
50
100
150
200
250

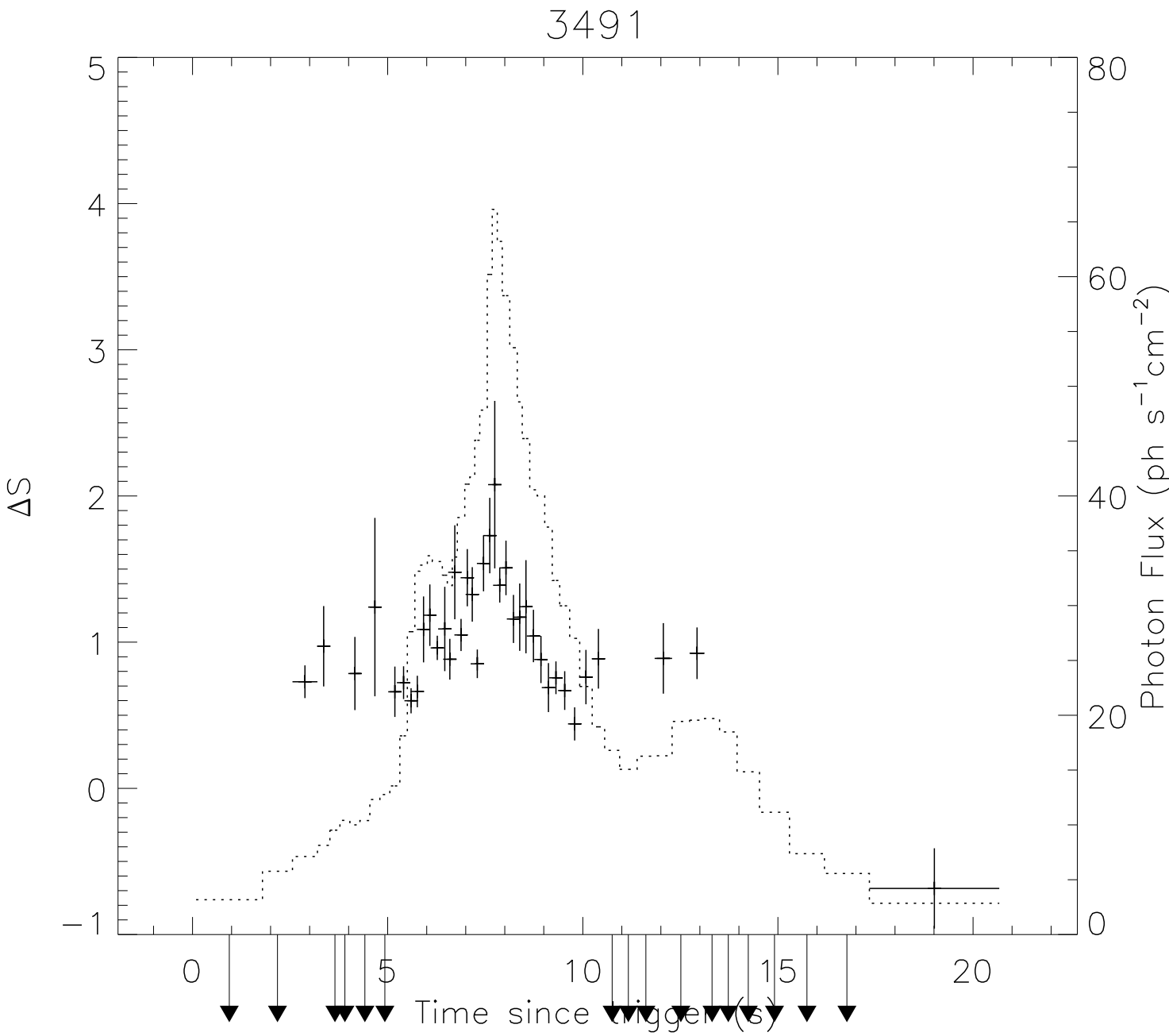

3458
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
5
10
15
20

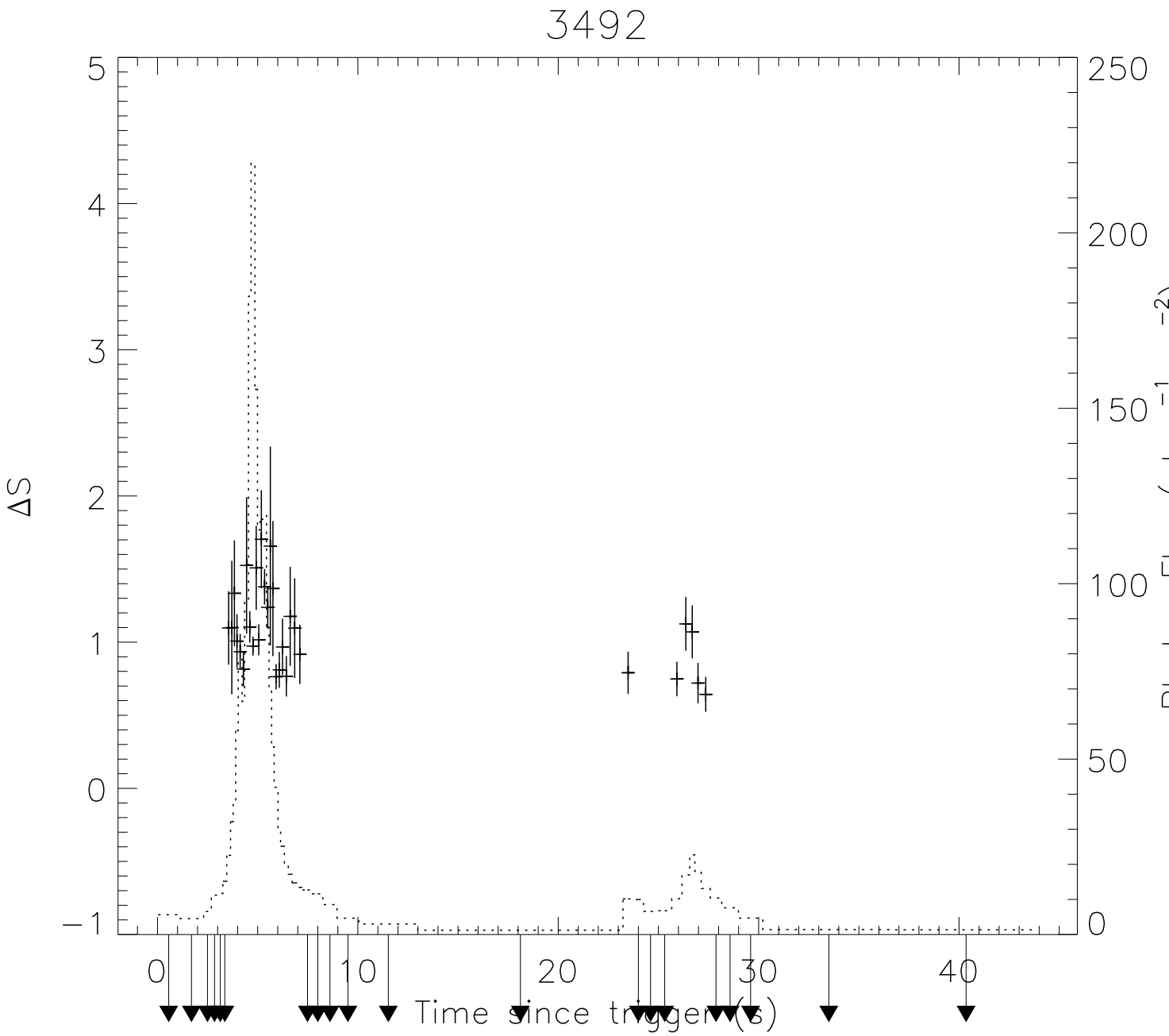

3464
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
3.0
2.5
2.0
1.5
1.0
0.5
0
5
10
15
20
25
30

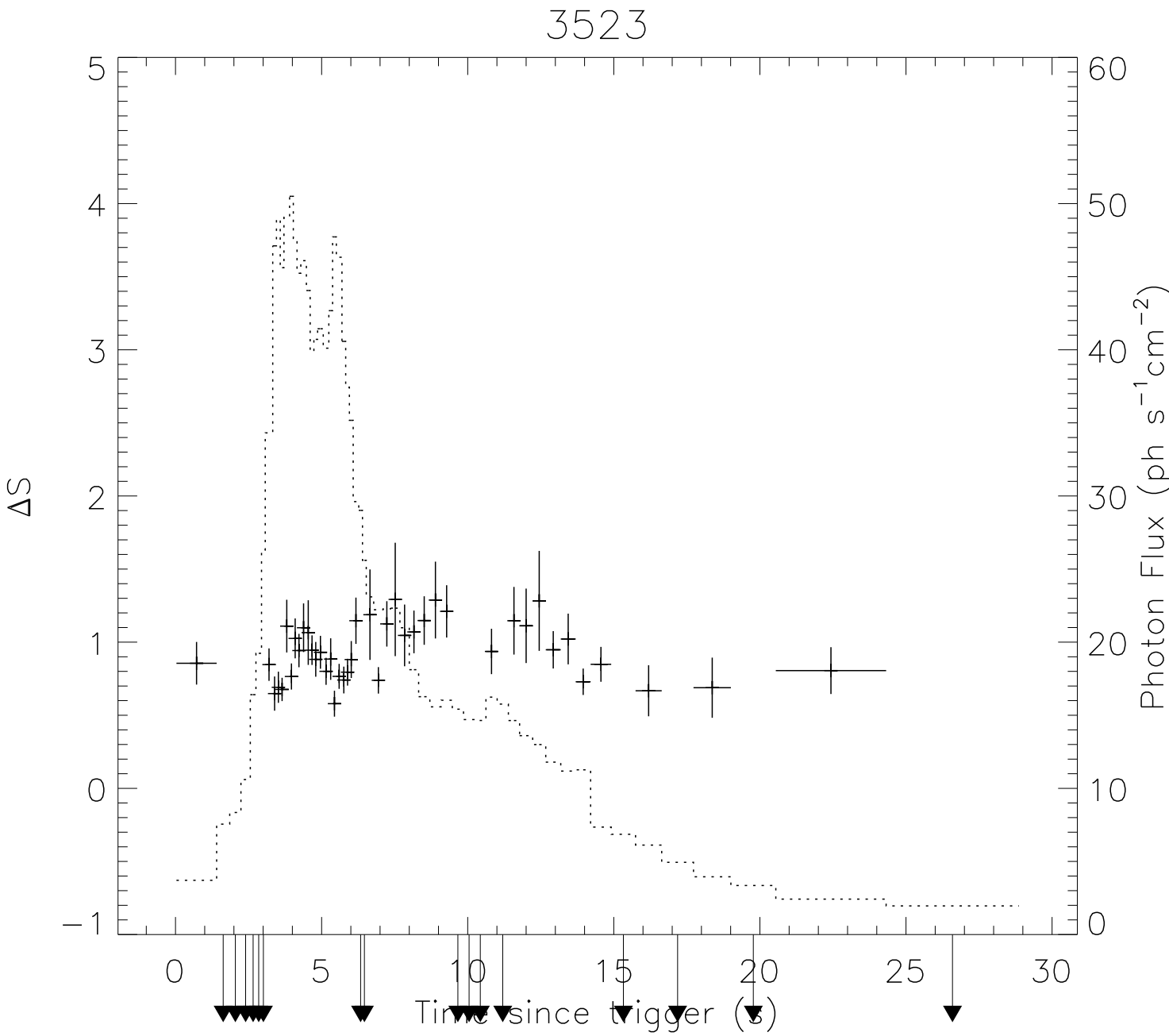

3480
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
2
4
6
8

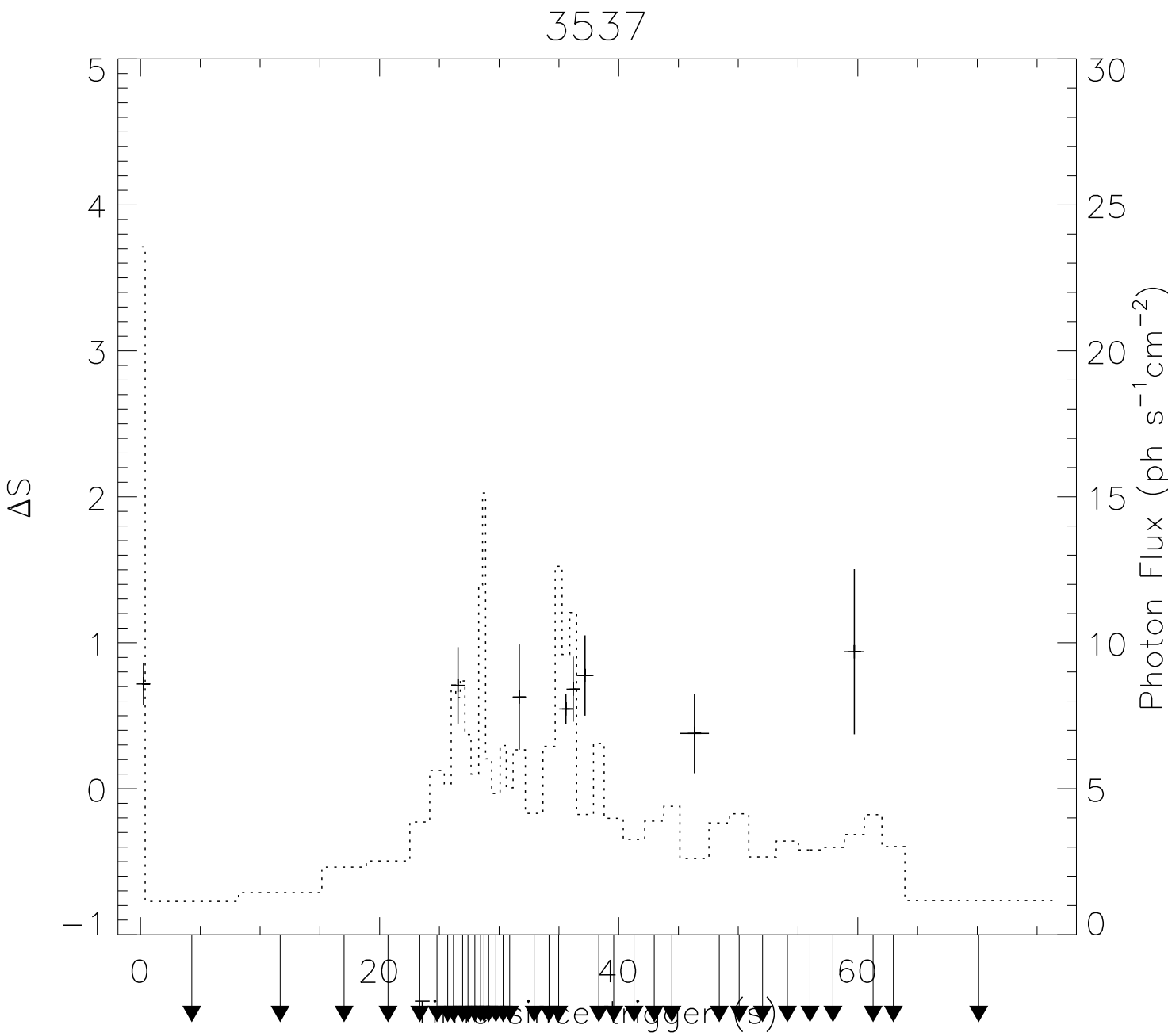

3481
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
0
10
20
30
40

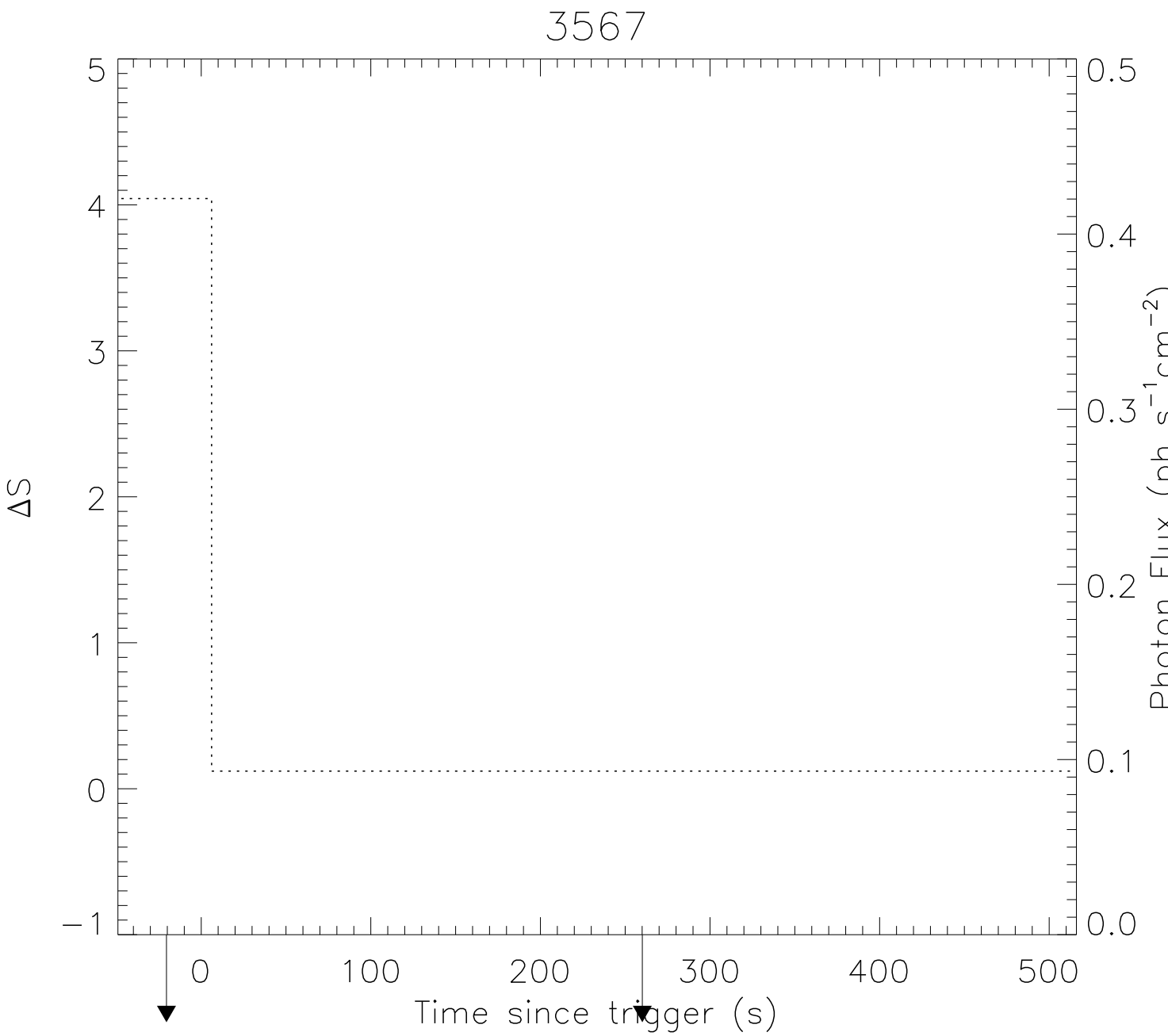

3489
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
12
10
8
6
4
2
0
5
10
15

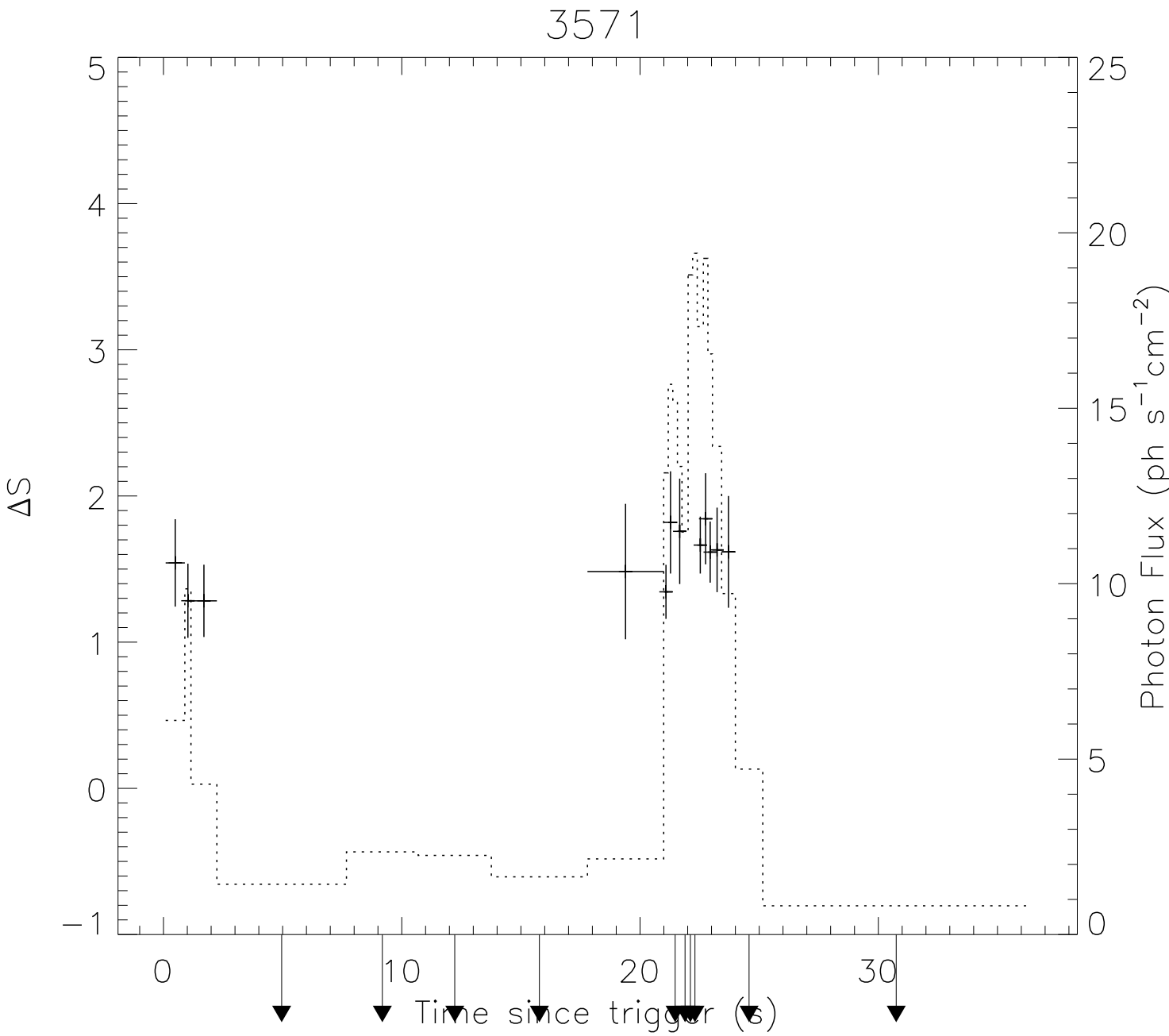

3491
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
0
5
10
15
20

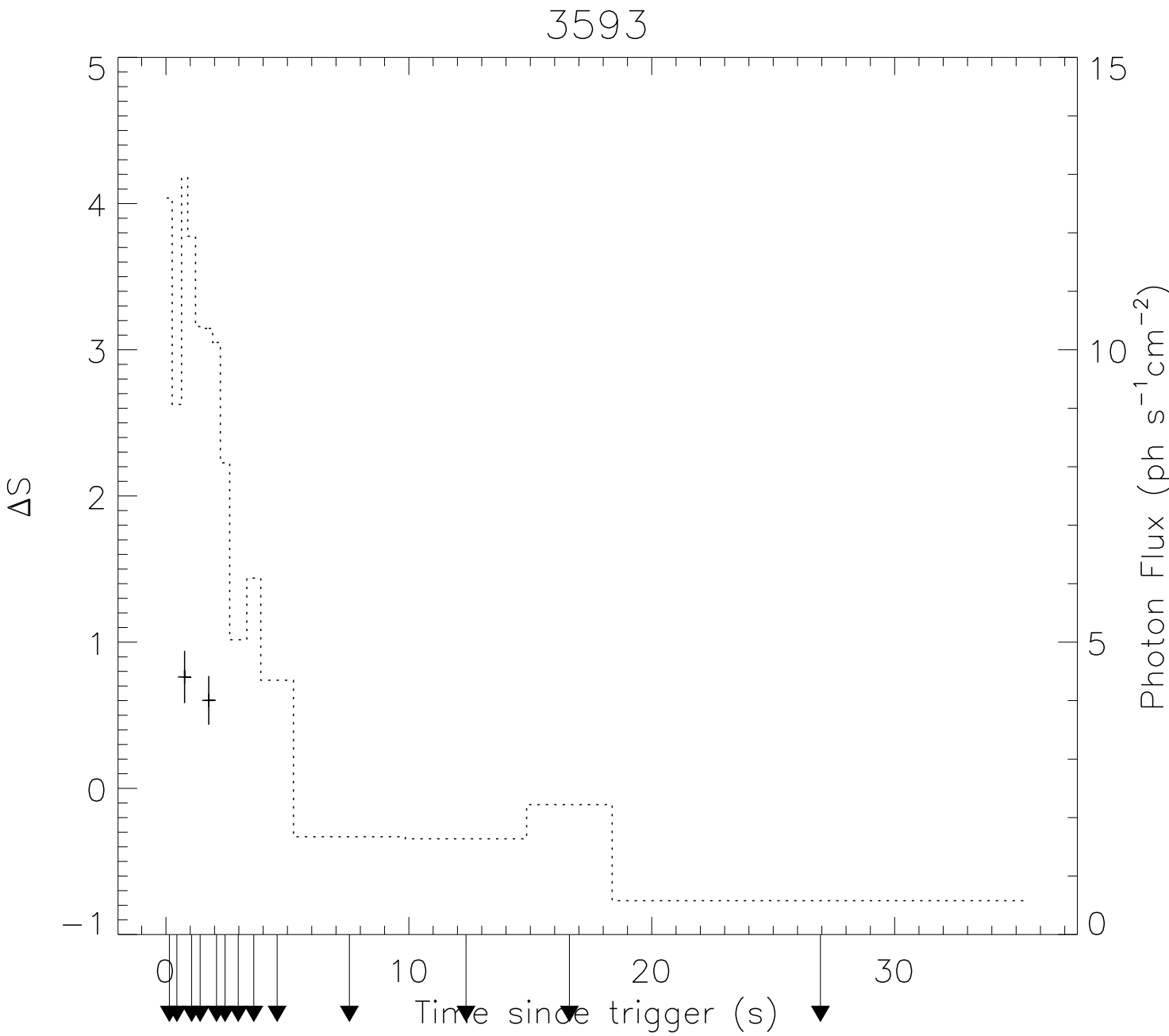

3492
ΔS
Time since trigger (s)
0
10
20
30
40
−1
0
1
2
3
4
5
50
100
150
200
250

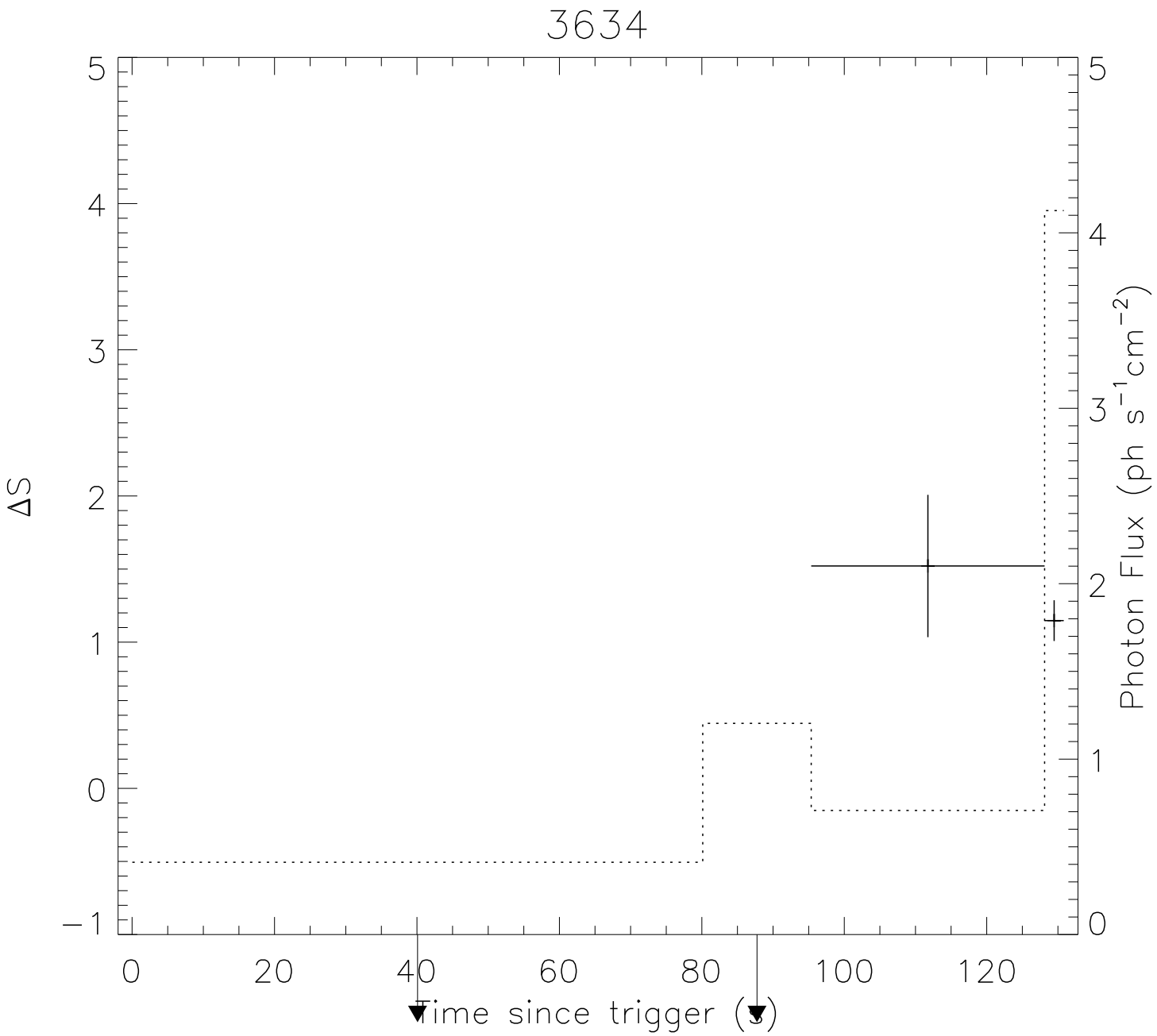

3523
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
60
50
40
30
20
10
0
0
5
10
15
20
25
30

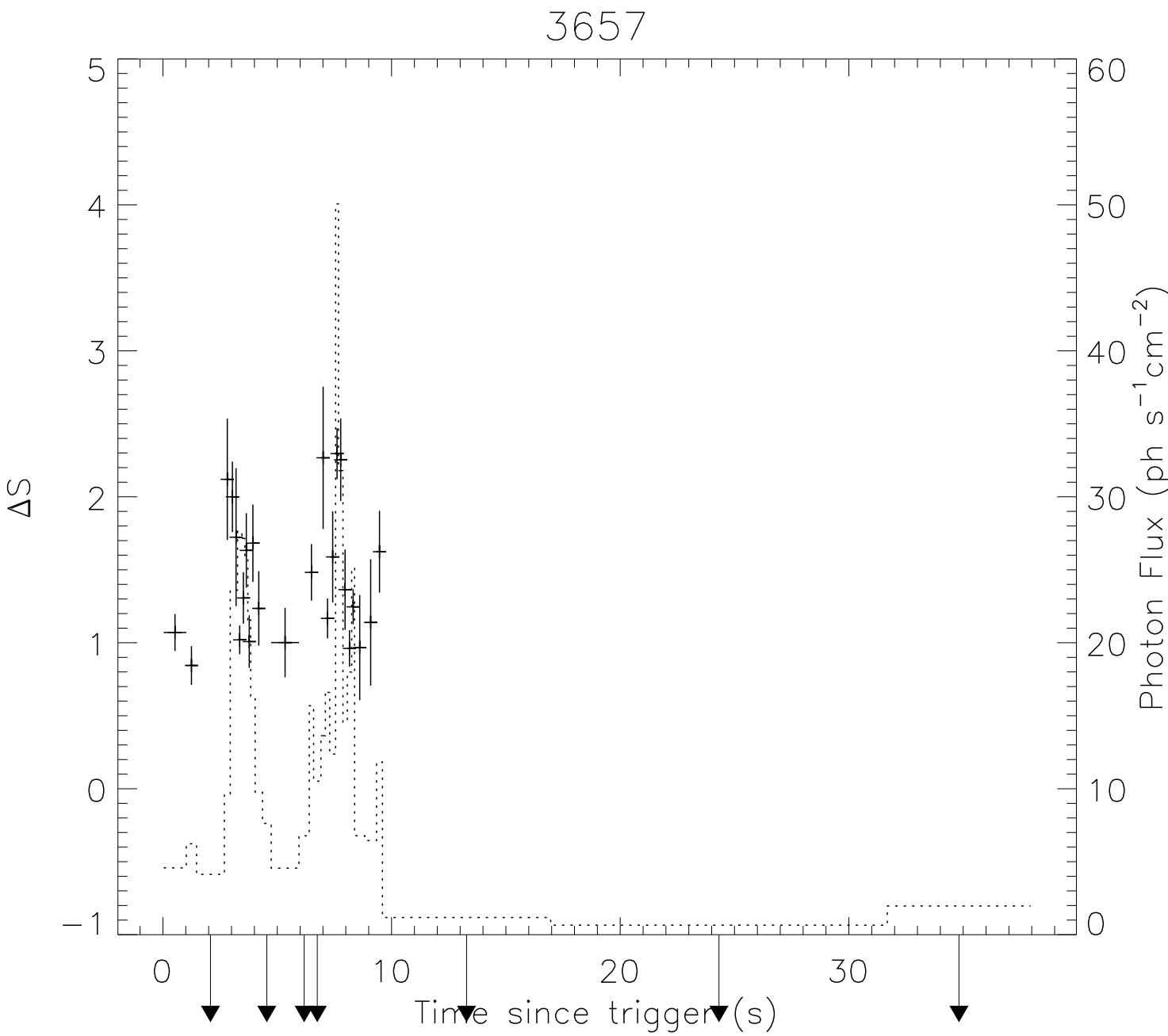

3537
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
20
40
60

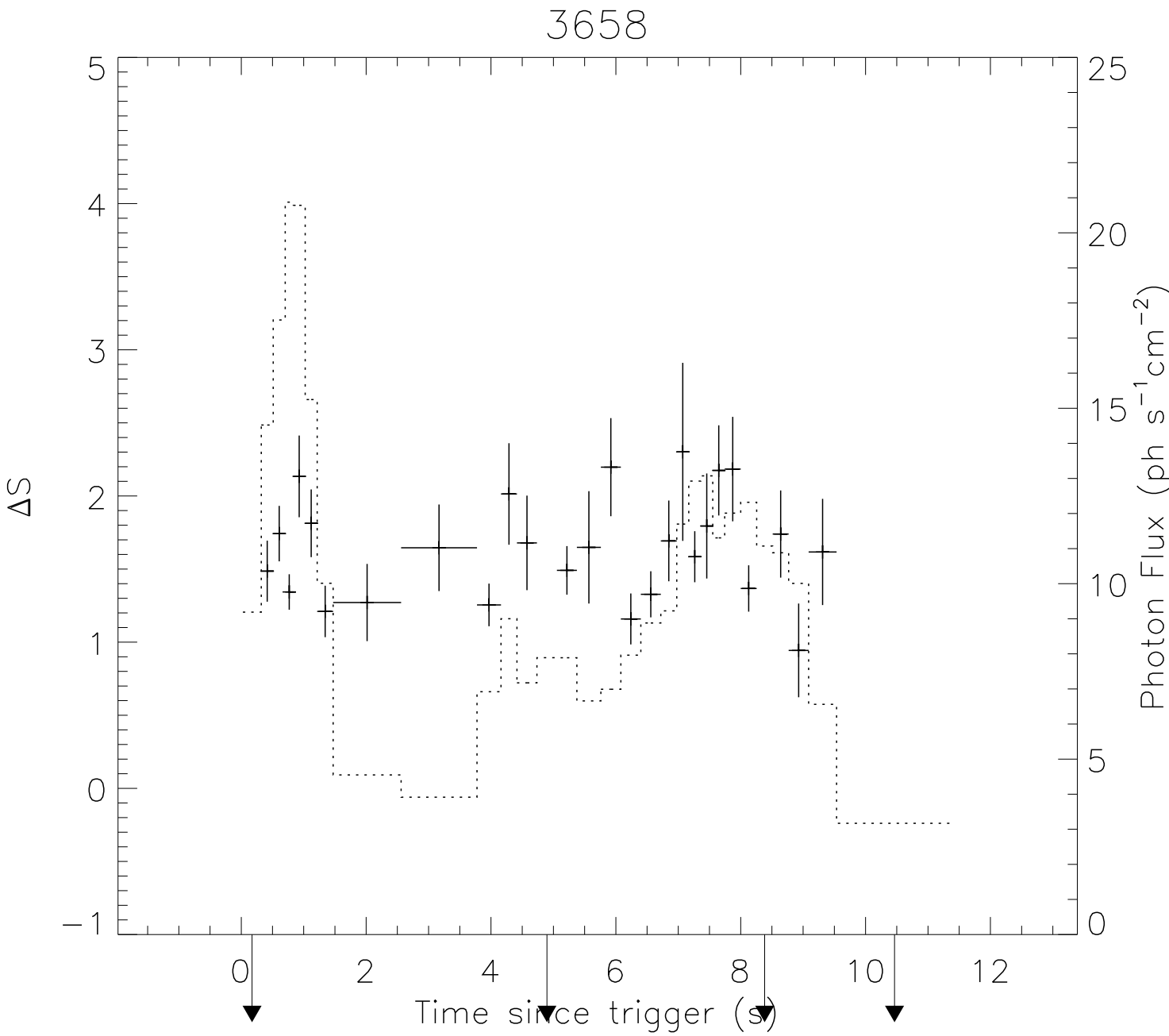

3567
5
4
3
2
1
0
−1
ΔS
0.5
0.4
0.3
0.2
0.1
0.0
0
100
200
300
400
500
Time since trigger (s)

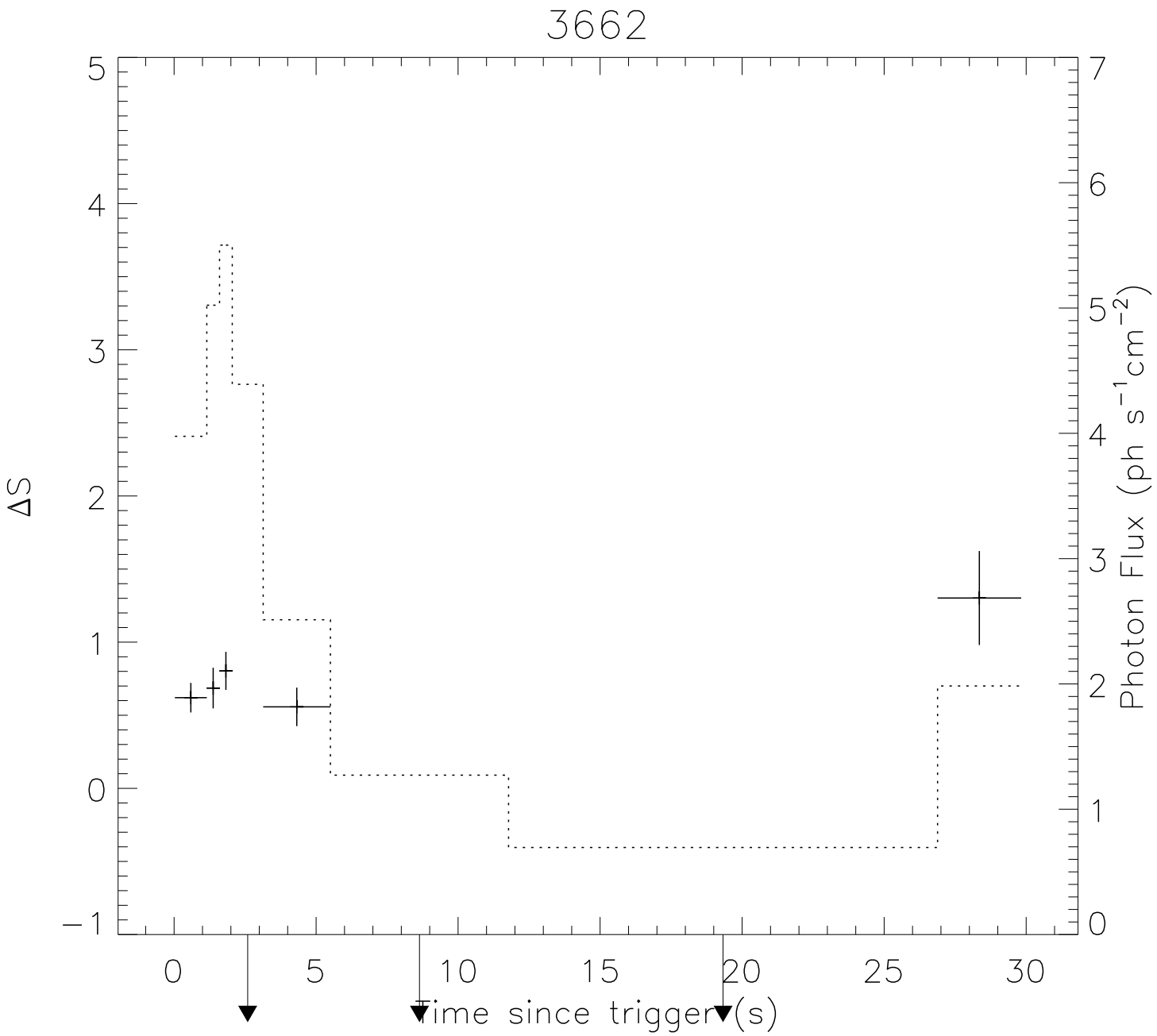

3571
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
10
20
30

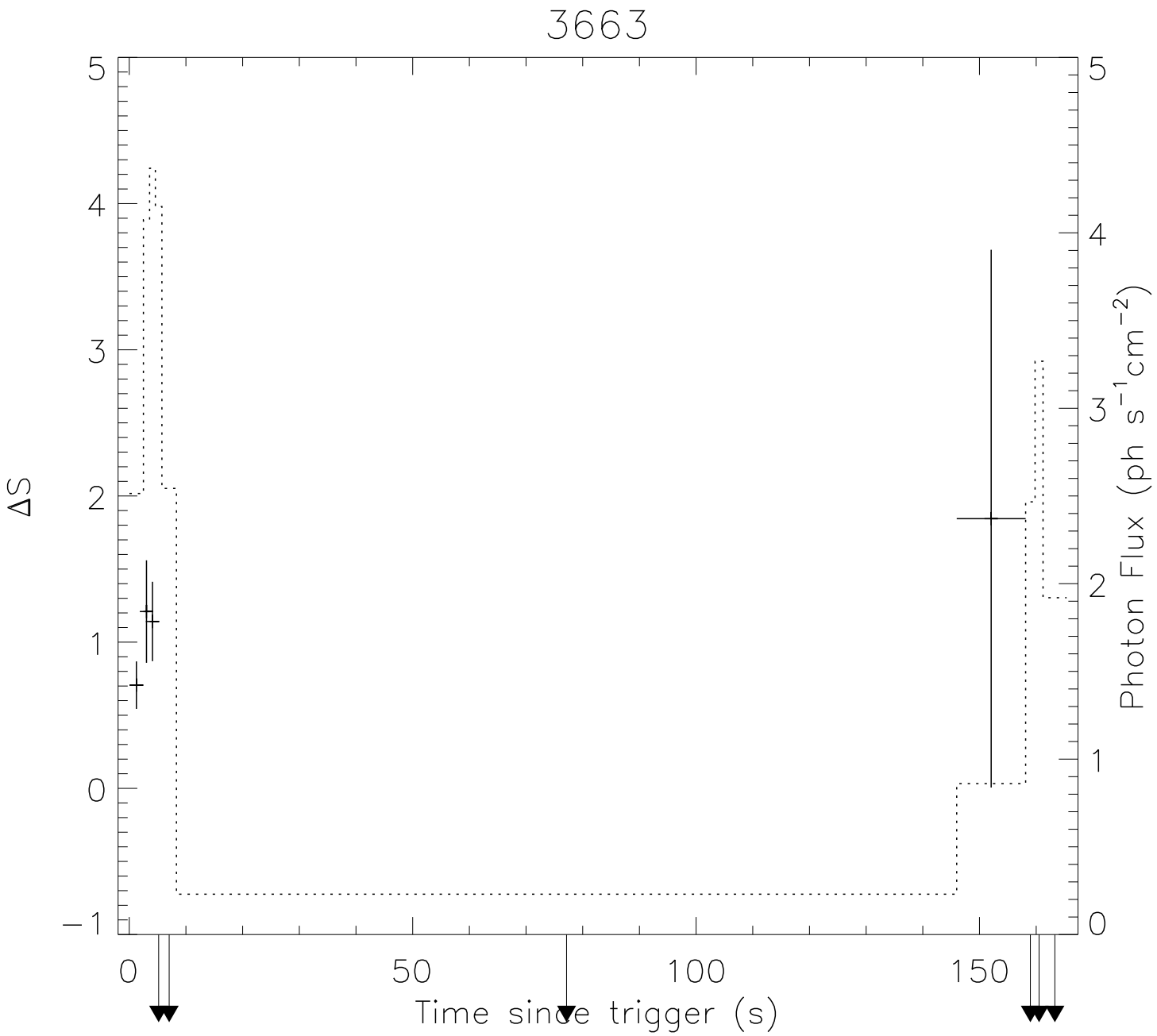

3593
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
15
10
5
0
0
10
20
30

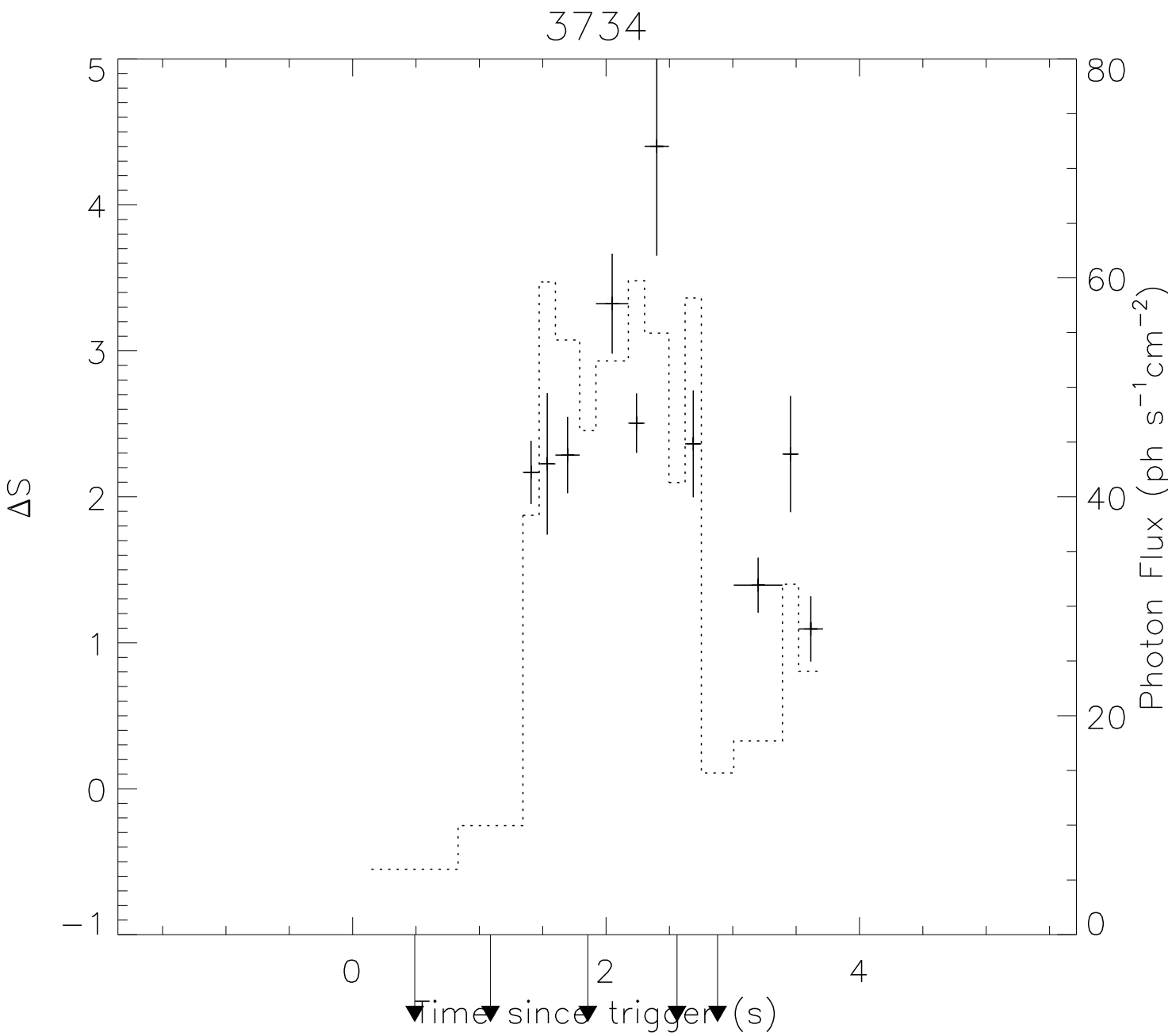

3634
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
0
20
40
60
80
100
120

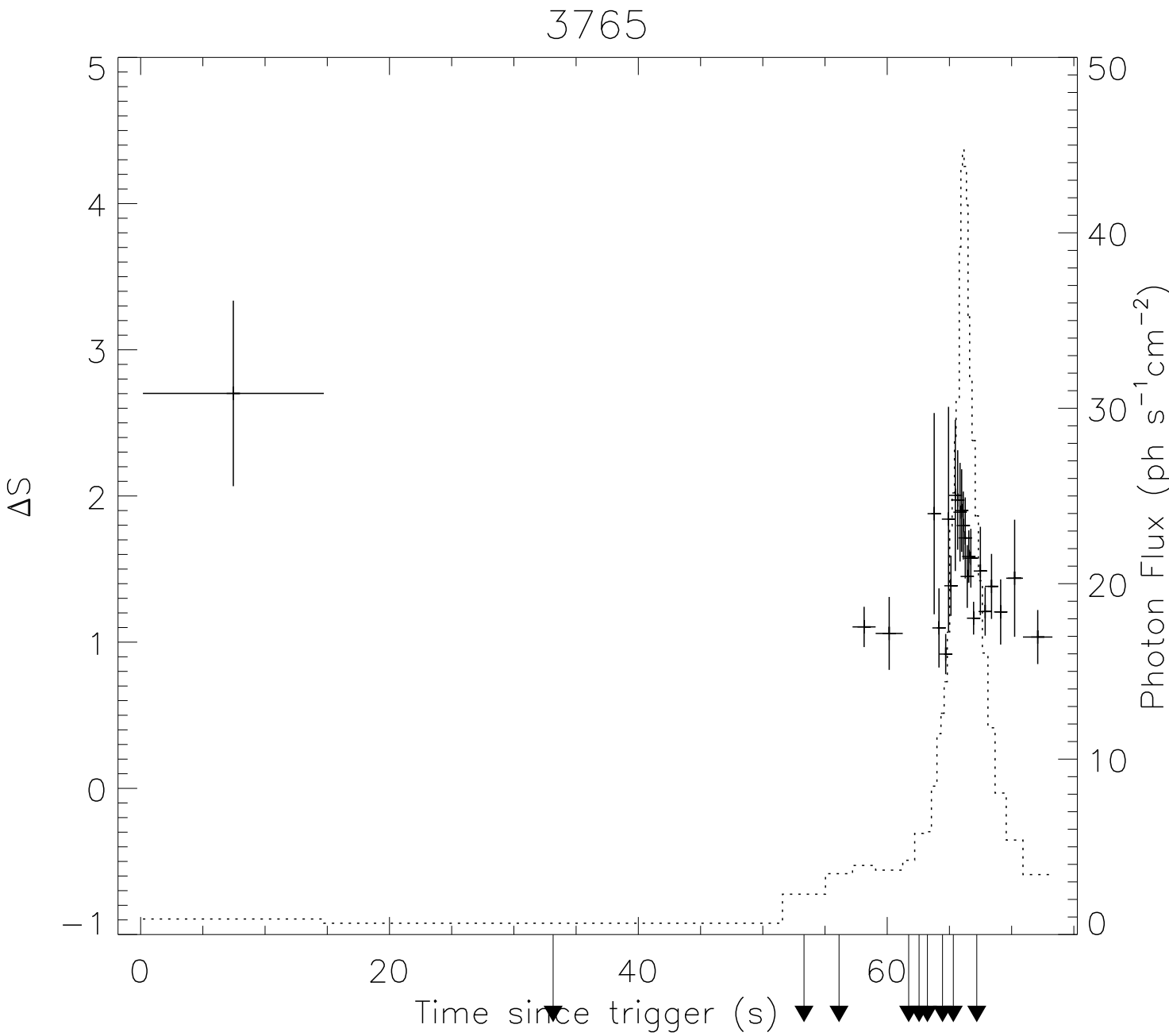

3657
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
60
50
40
30
20
10
0
0
10
20
30

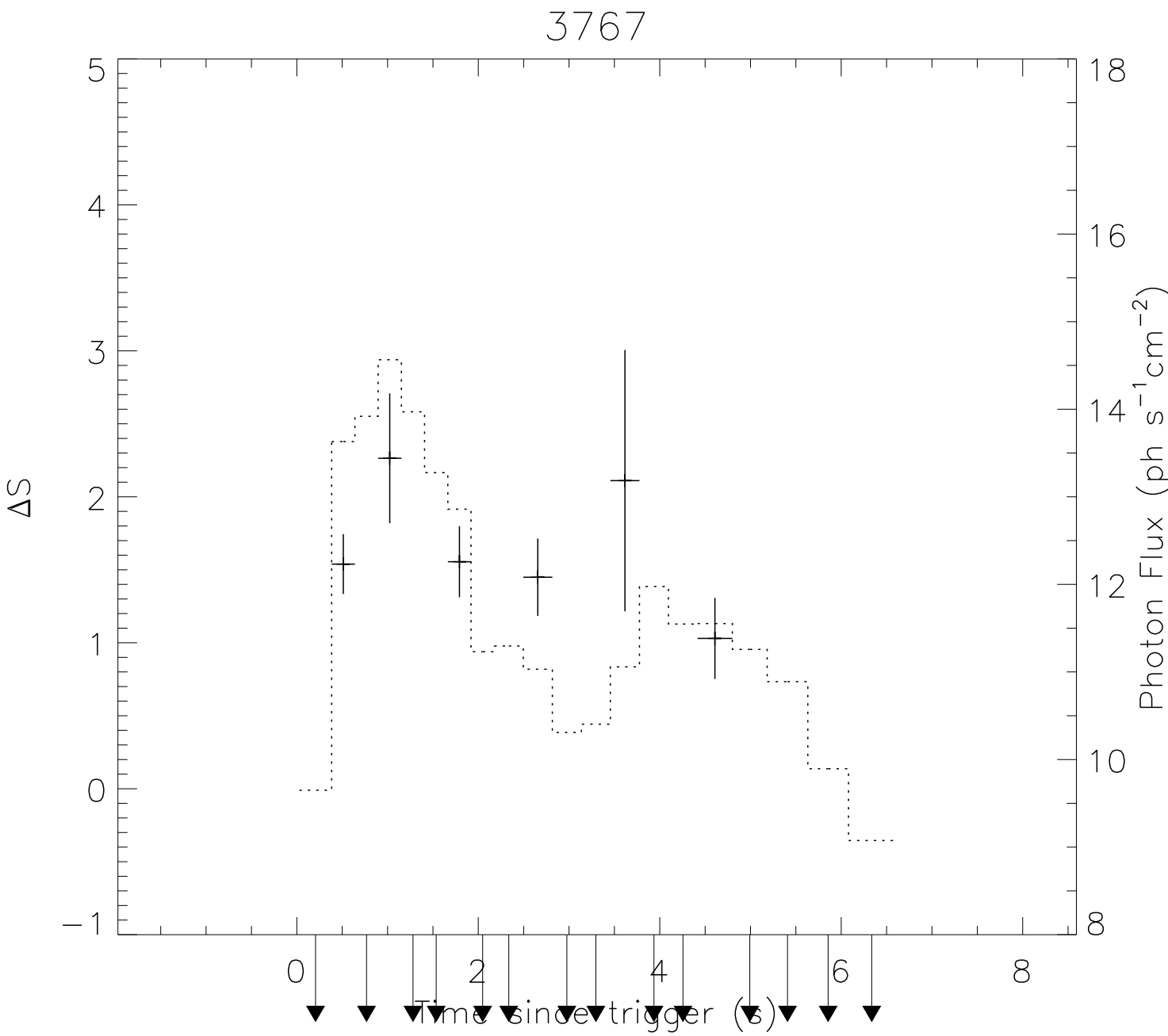

3658
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
2
4
6
8
10
12

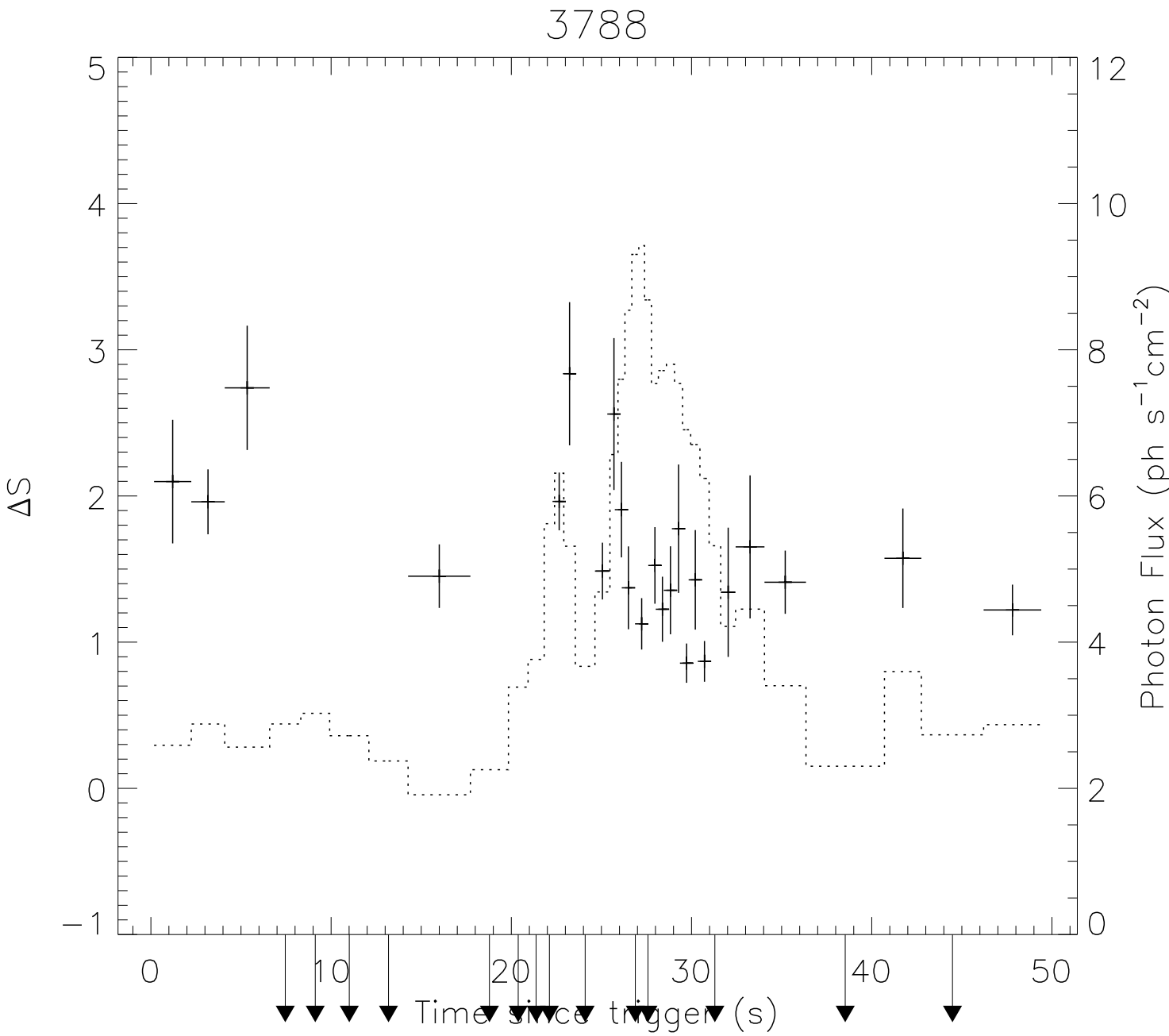

3662
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
7
6
5
4
3
2
1
0
0
5
10
15
20
25
30

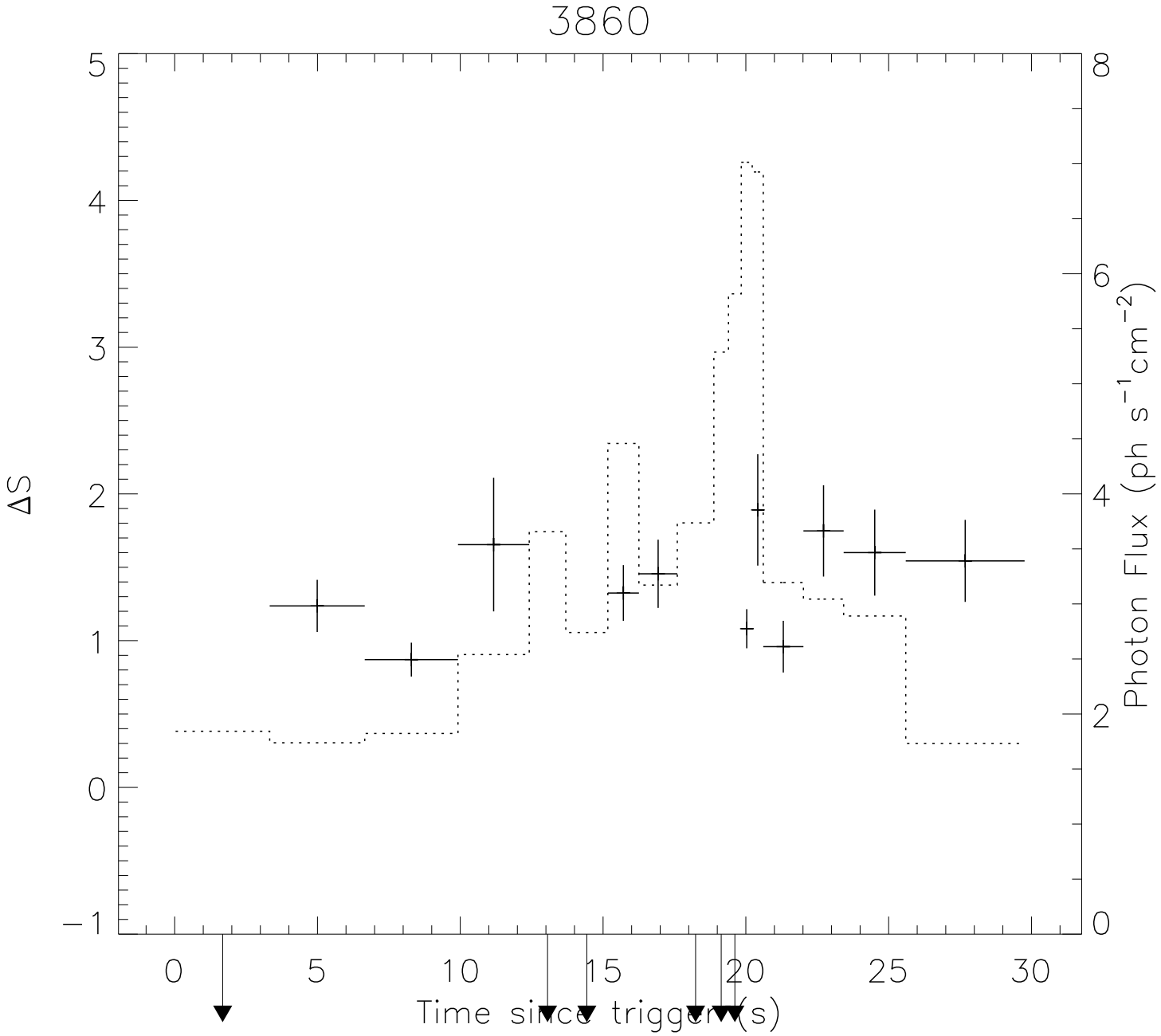

3663
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
50
100
150
−1
0
1
2
3
4
5

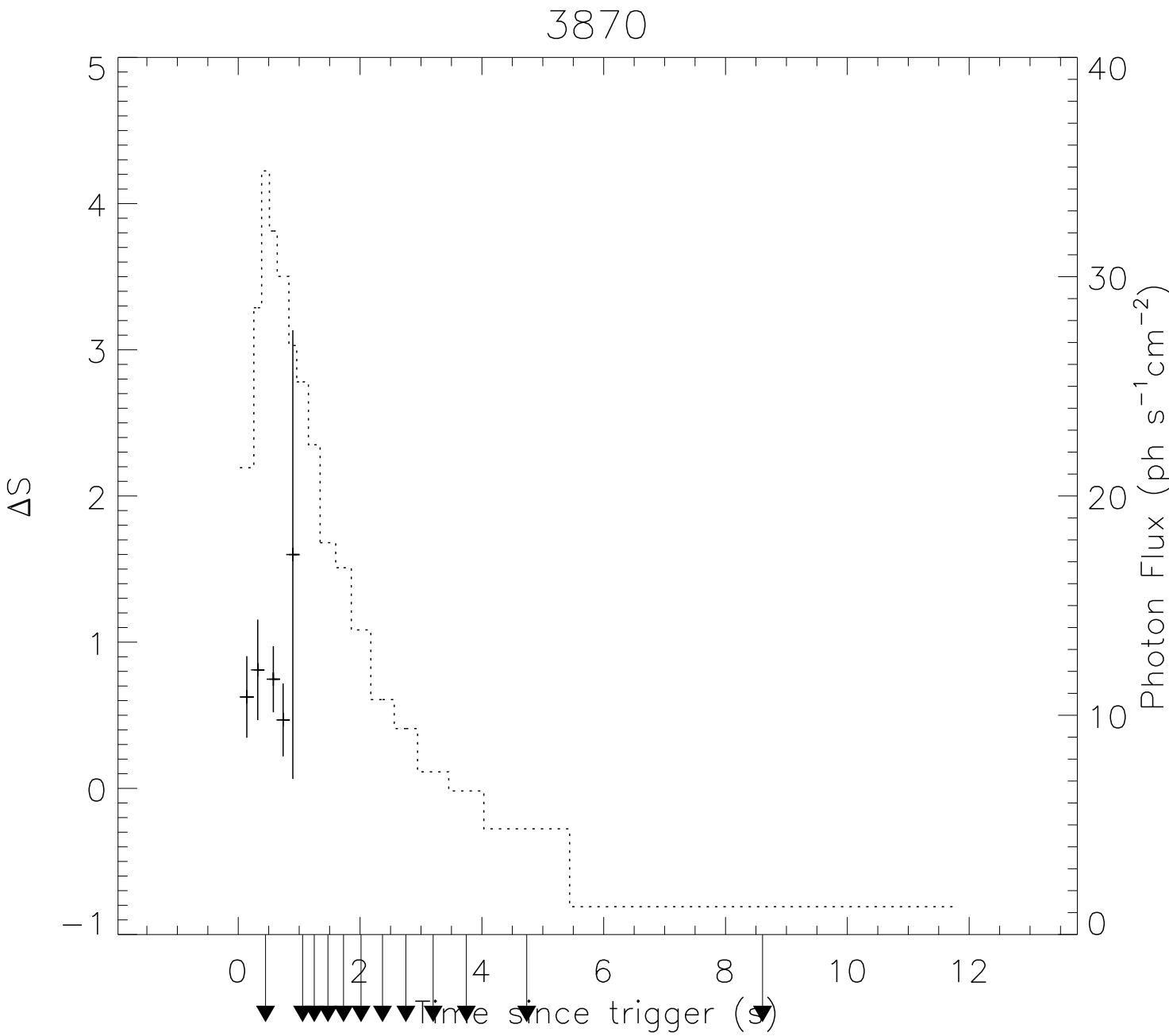

3734
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
0
2
4

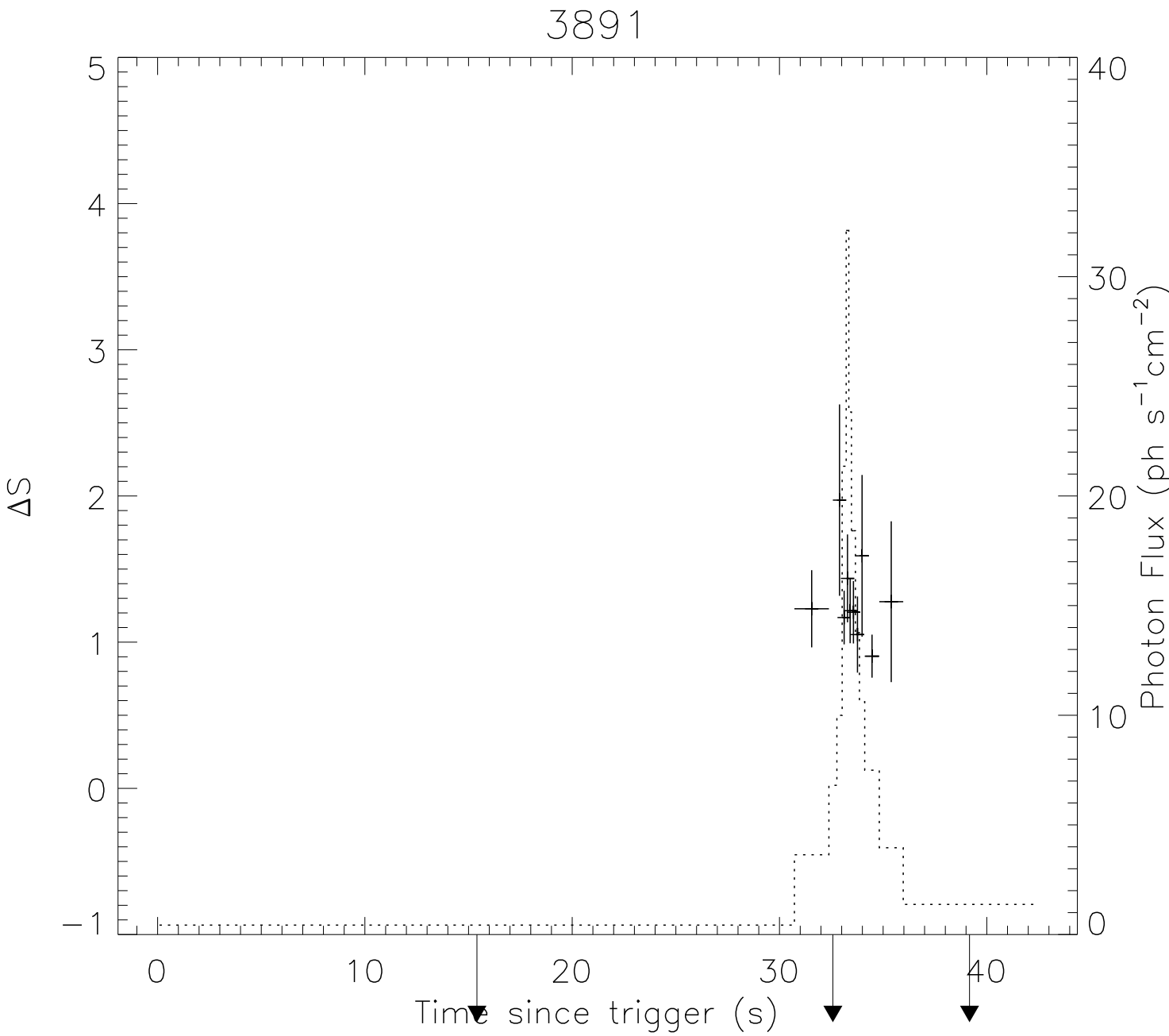

3765
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
−1
0
1
2
3
4
5
0
10
20
30
40
50

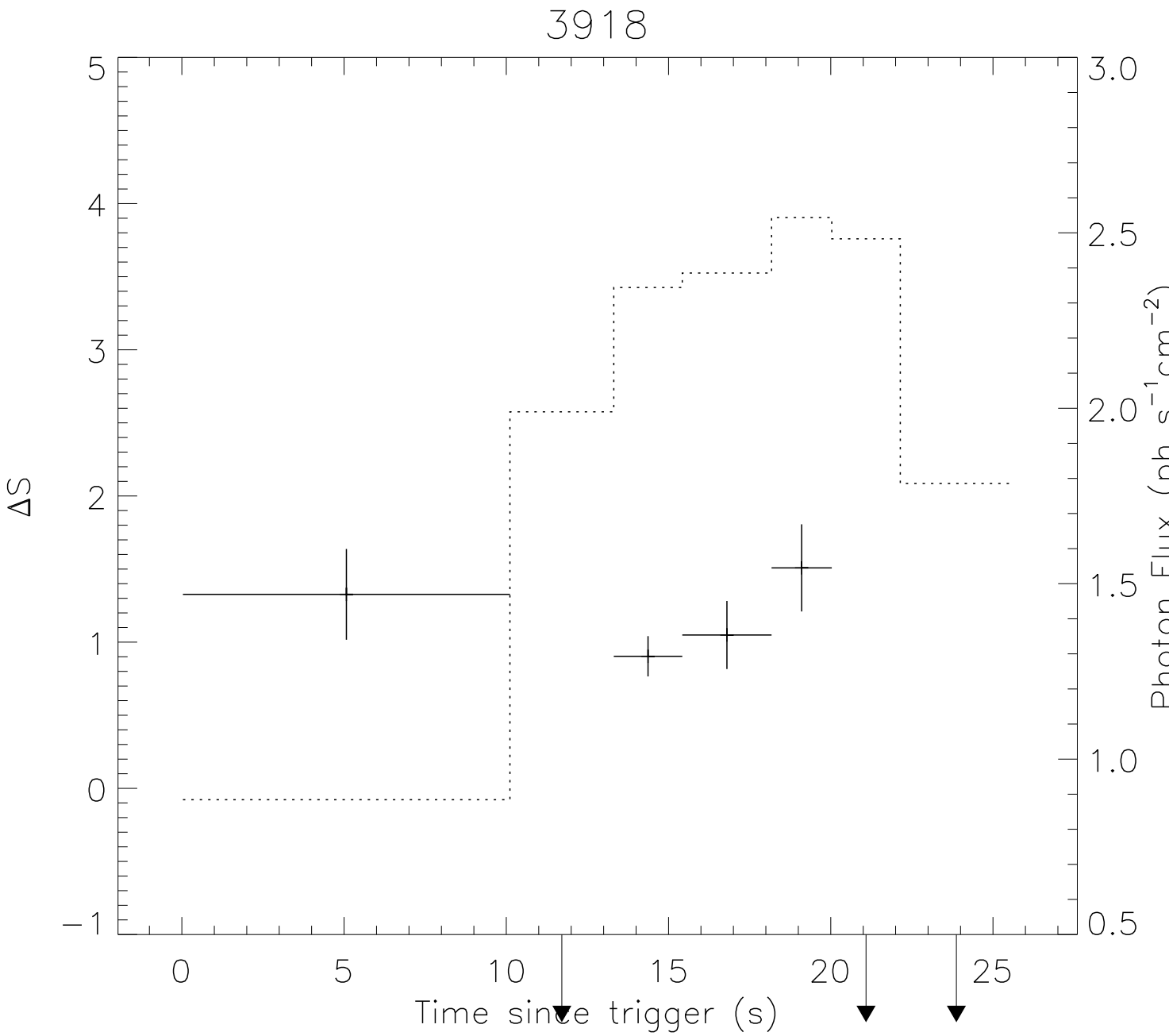

3767
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
18
16
14
12
10
8
0
2
4
6
8

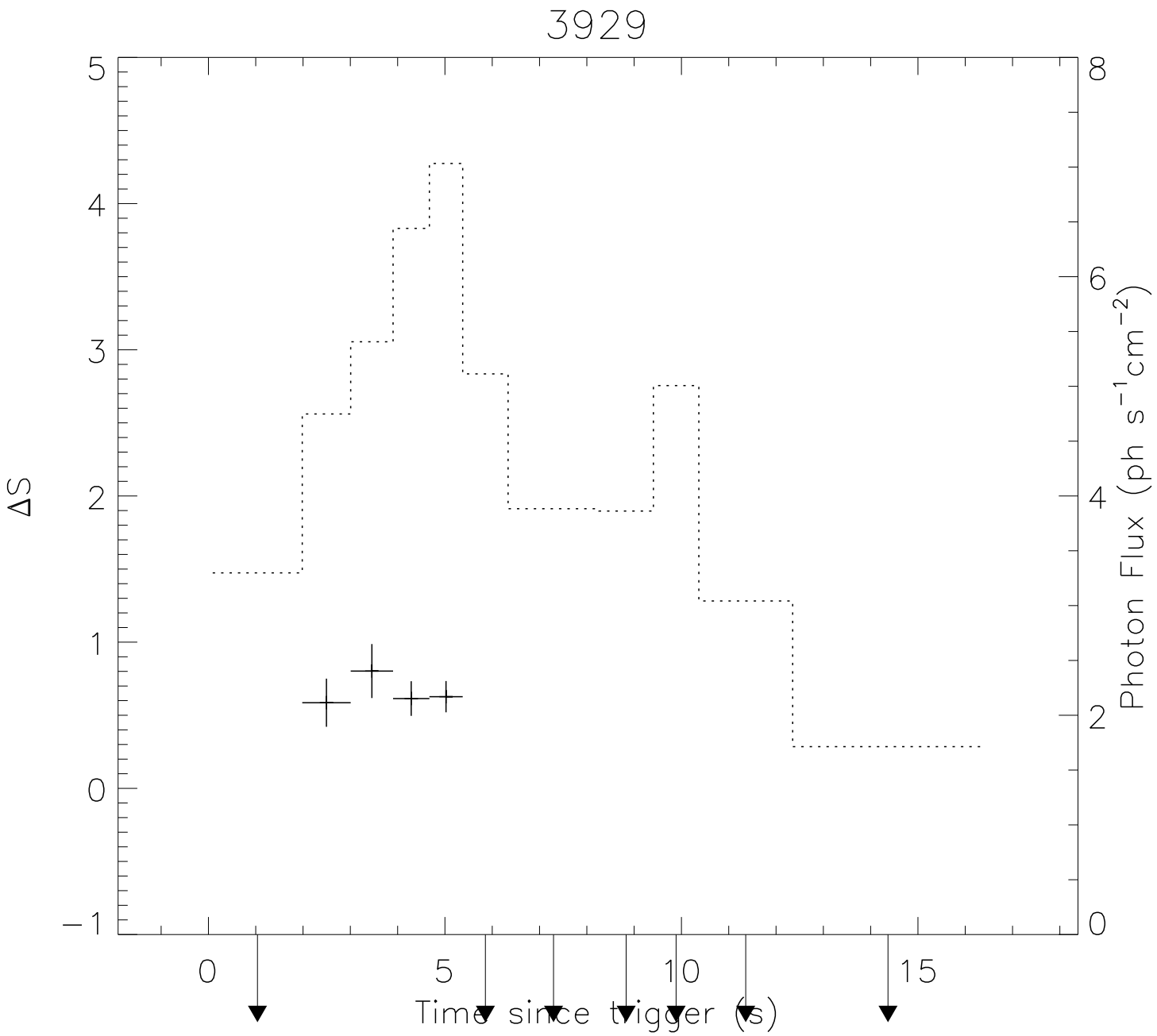

3788
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
50
−1
0
1
2
3
4
5
0
2
4
6
8
10
12

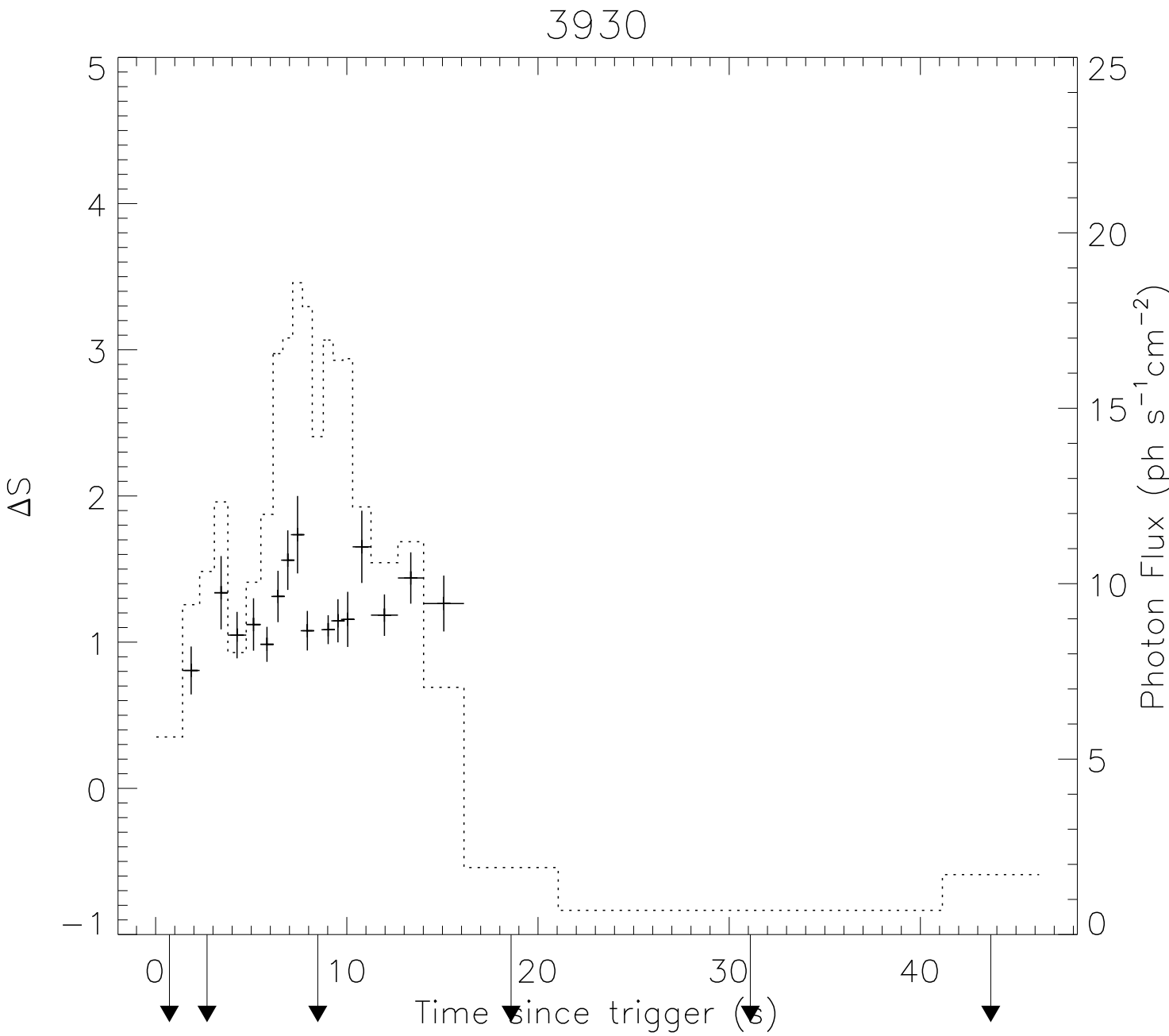

3860
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
5
10
15
20
25
30

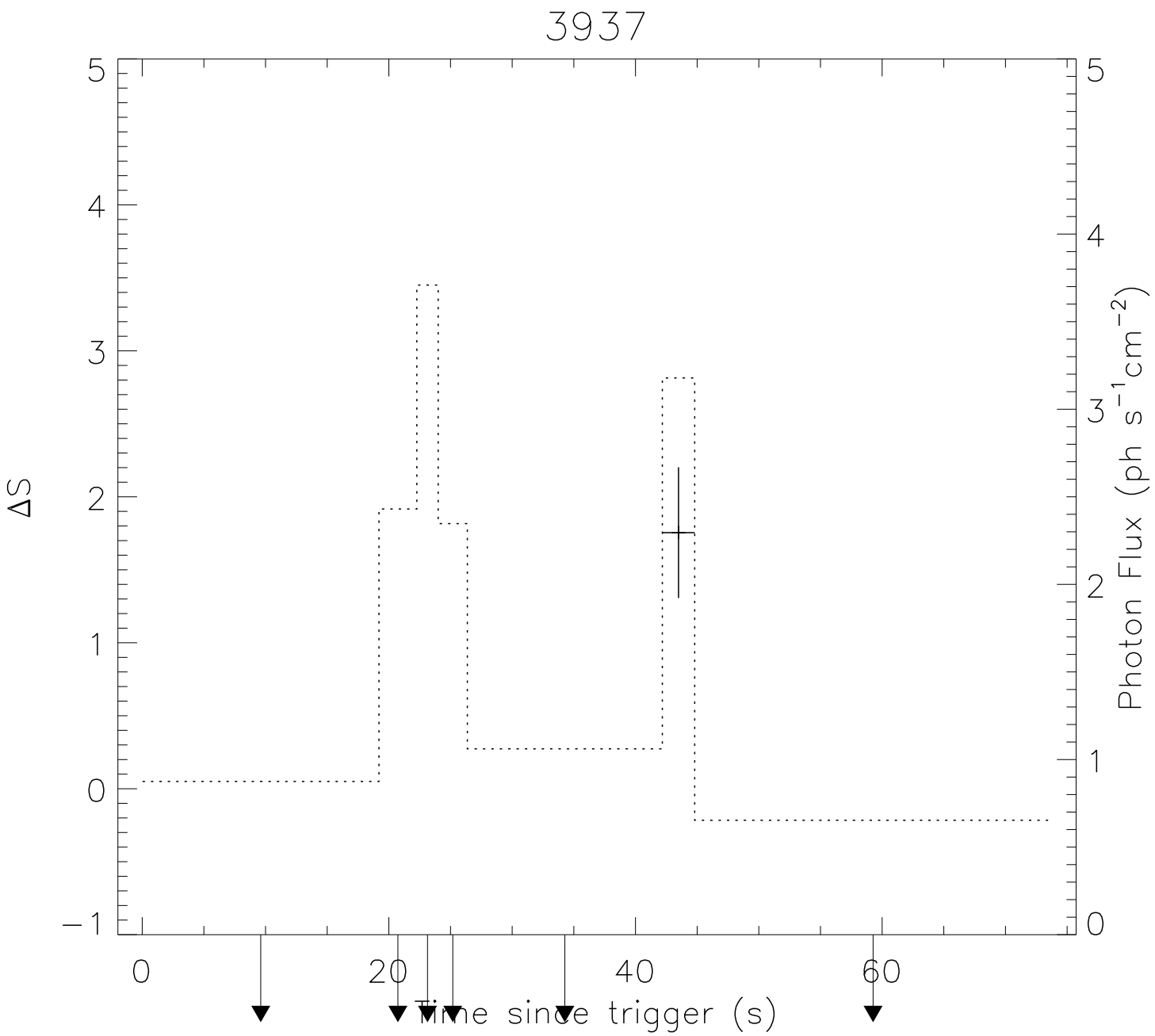

3870
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
2
4
6
8
10
12

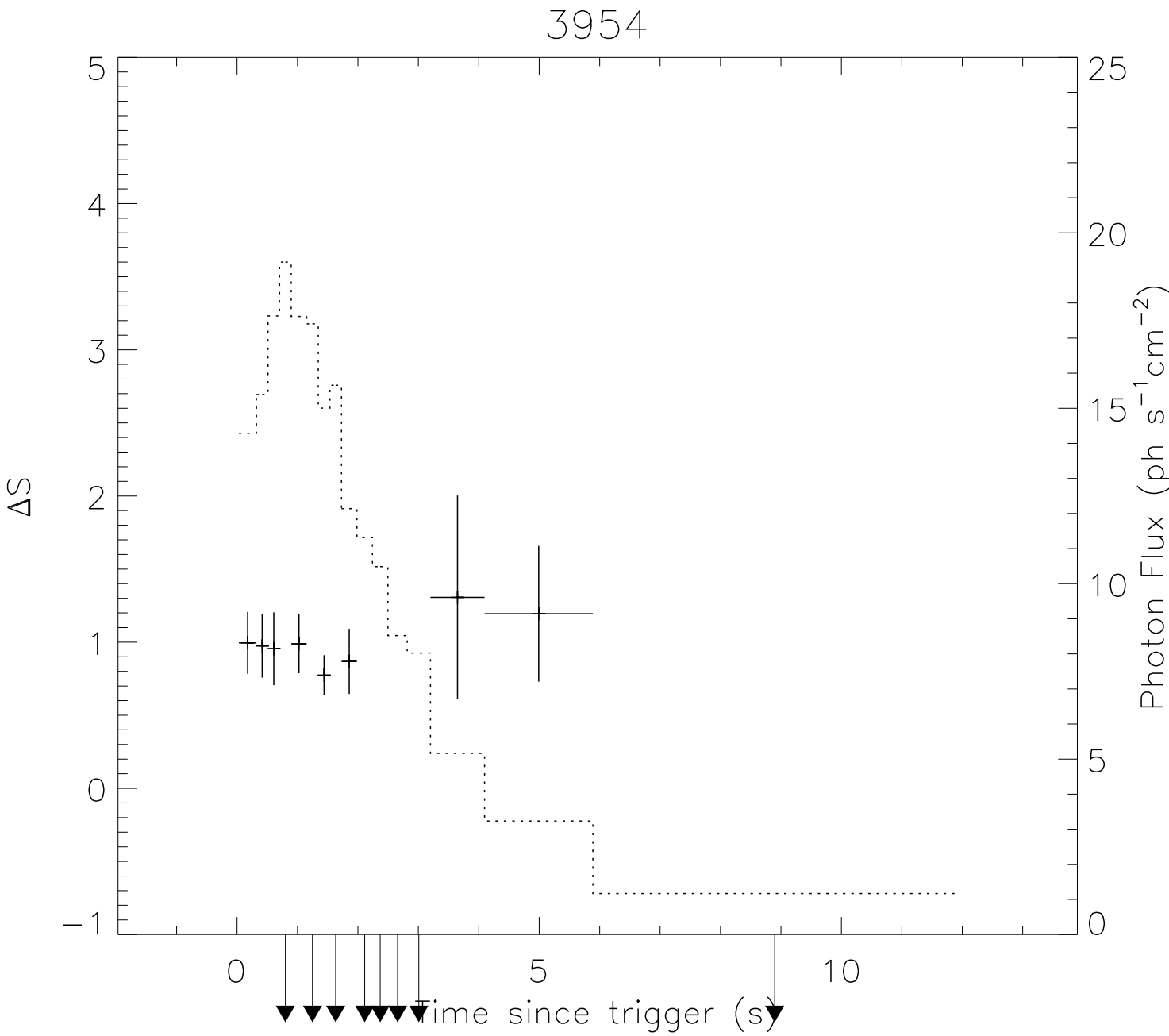

3891
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
−1
0
1
2
3
4
5
0
10
20
30
40

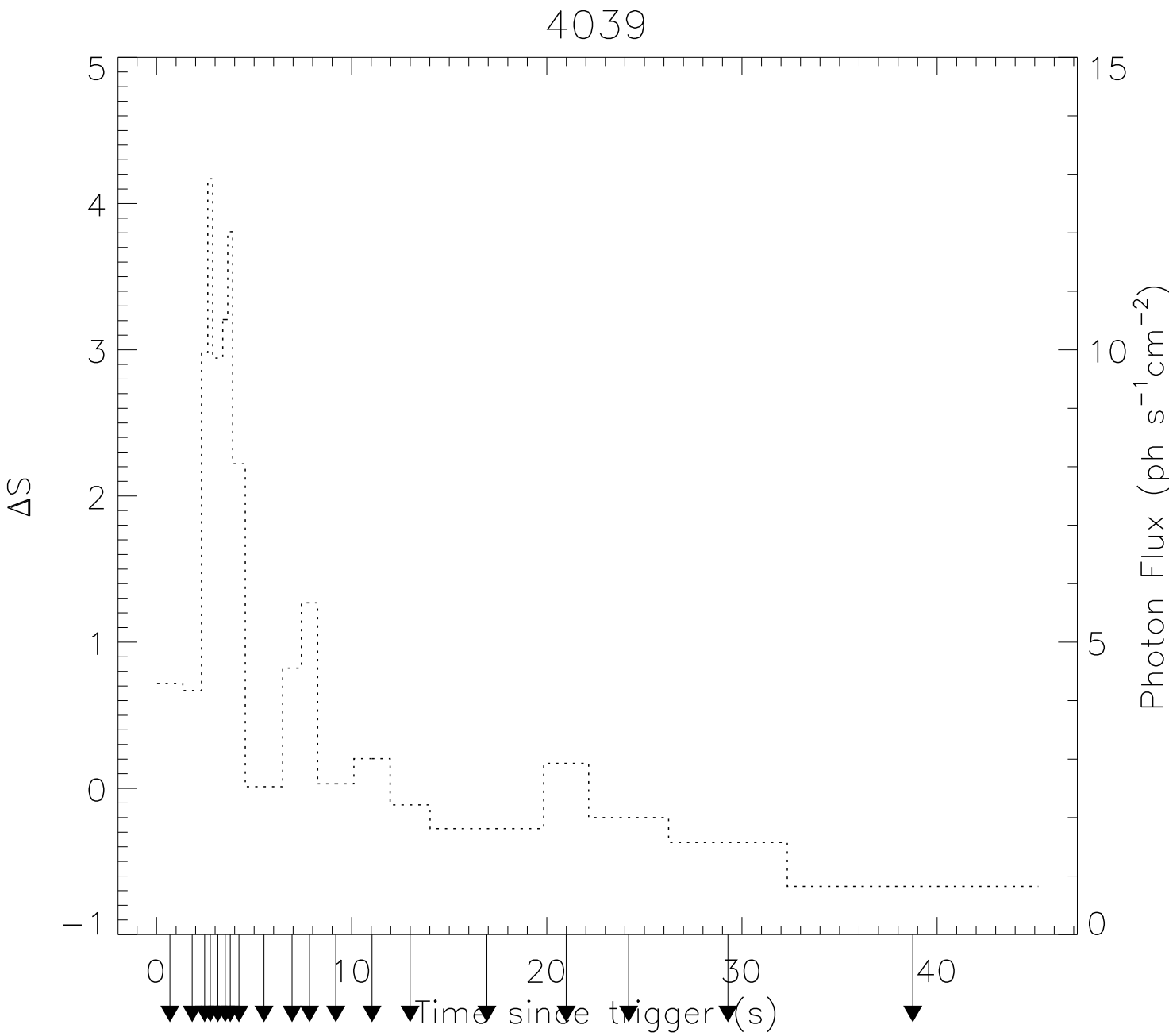

3918
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
3.0
2.5
2.0
1.5
1.0
0.5
0
5
10
15
20
25

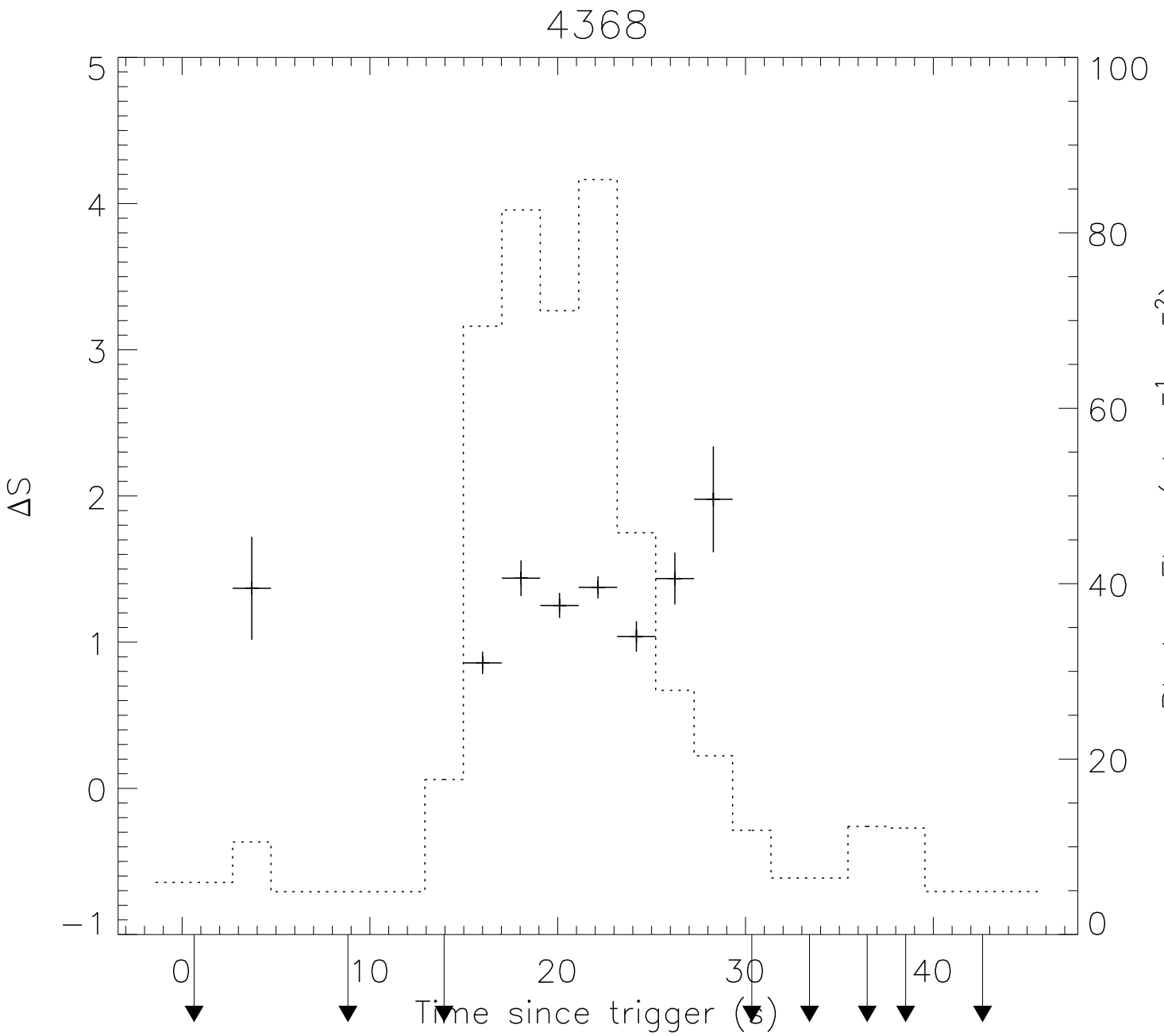

3929
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
5
10
15

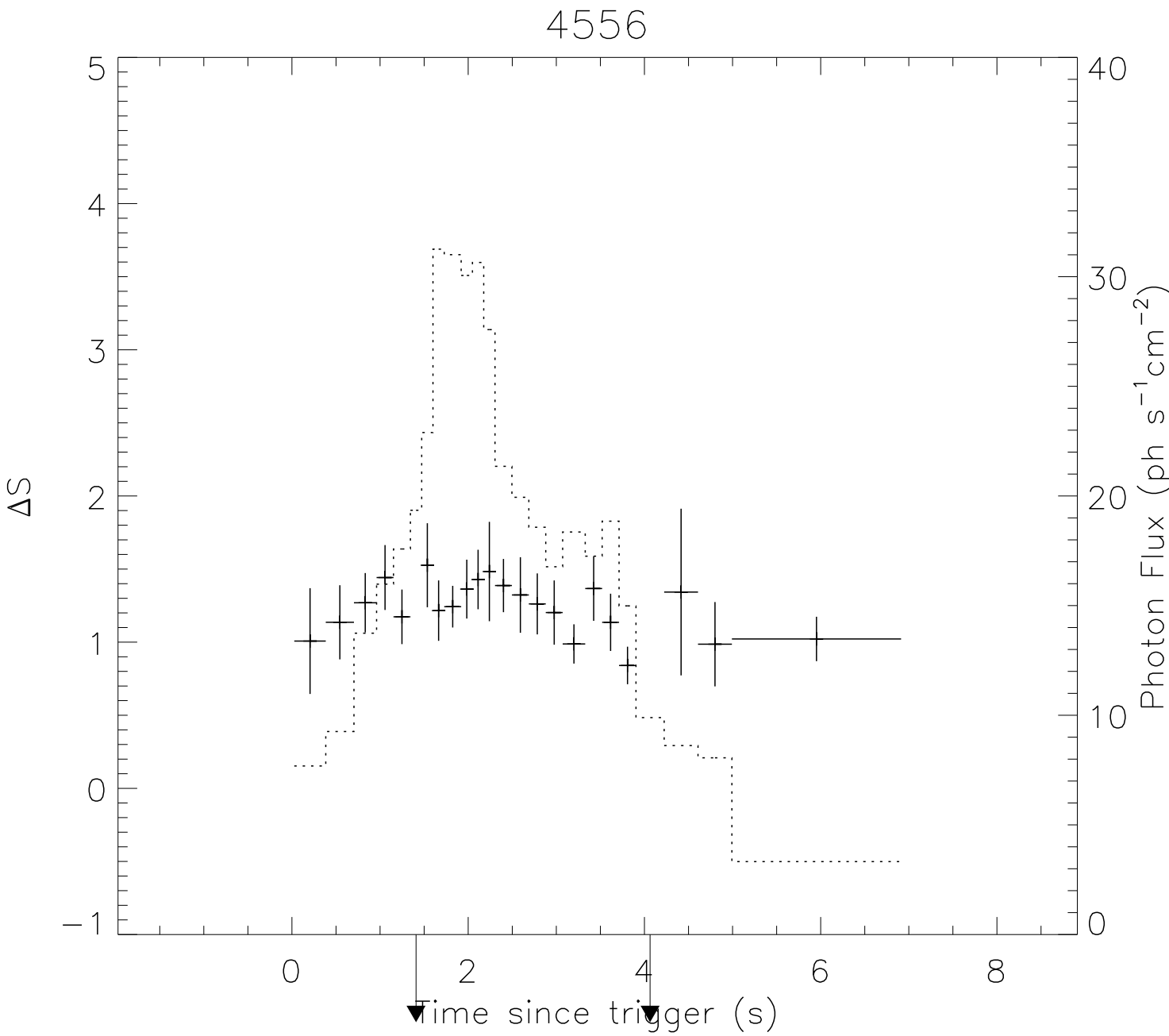

3930
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
10
20
30
40

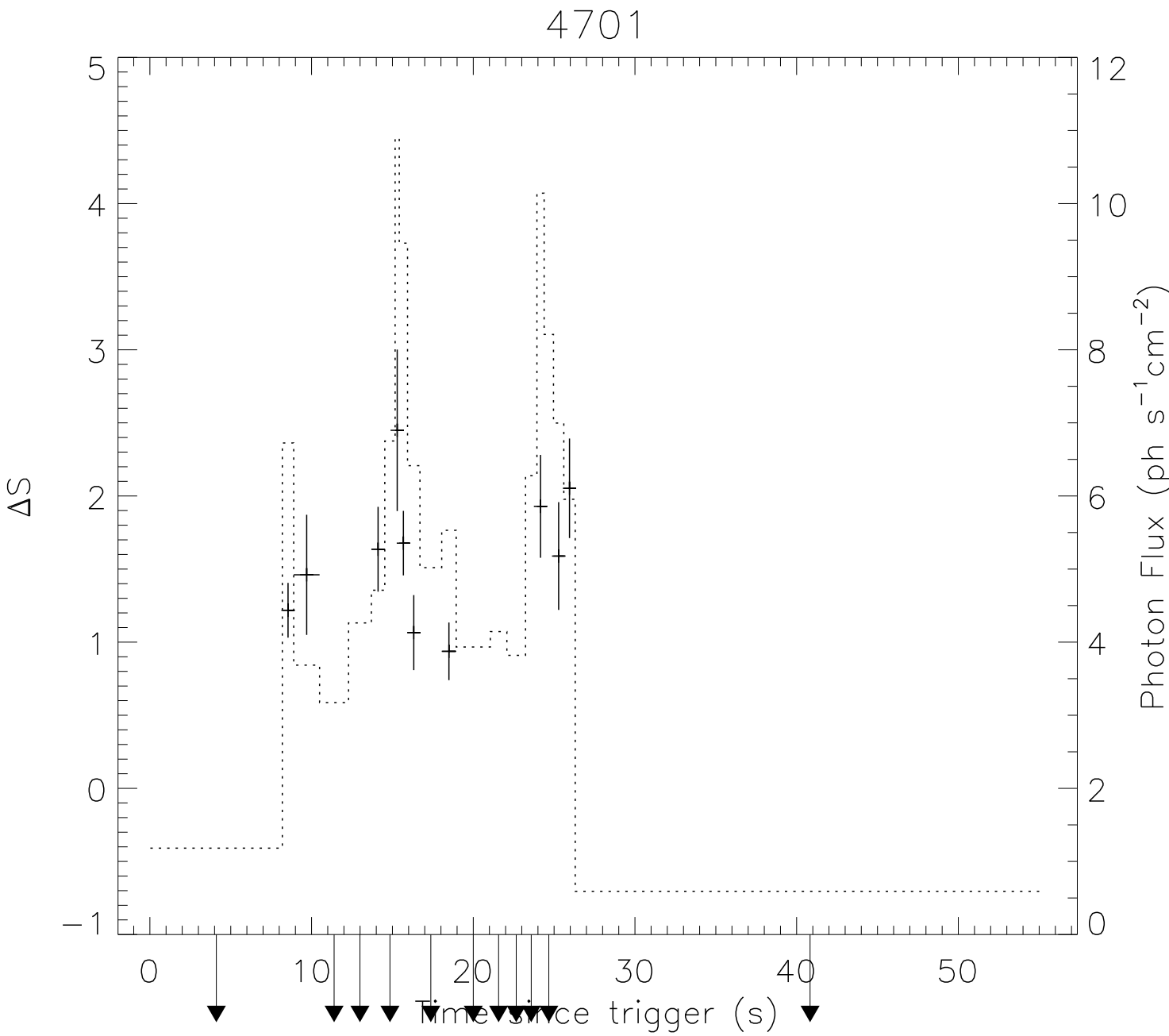

3937
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
−1
0
1
2
3
4
5

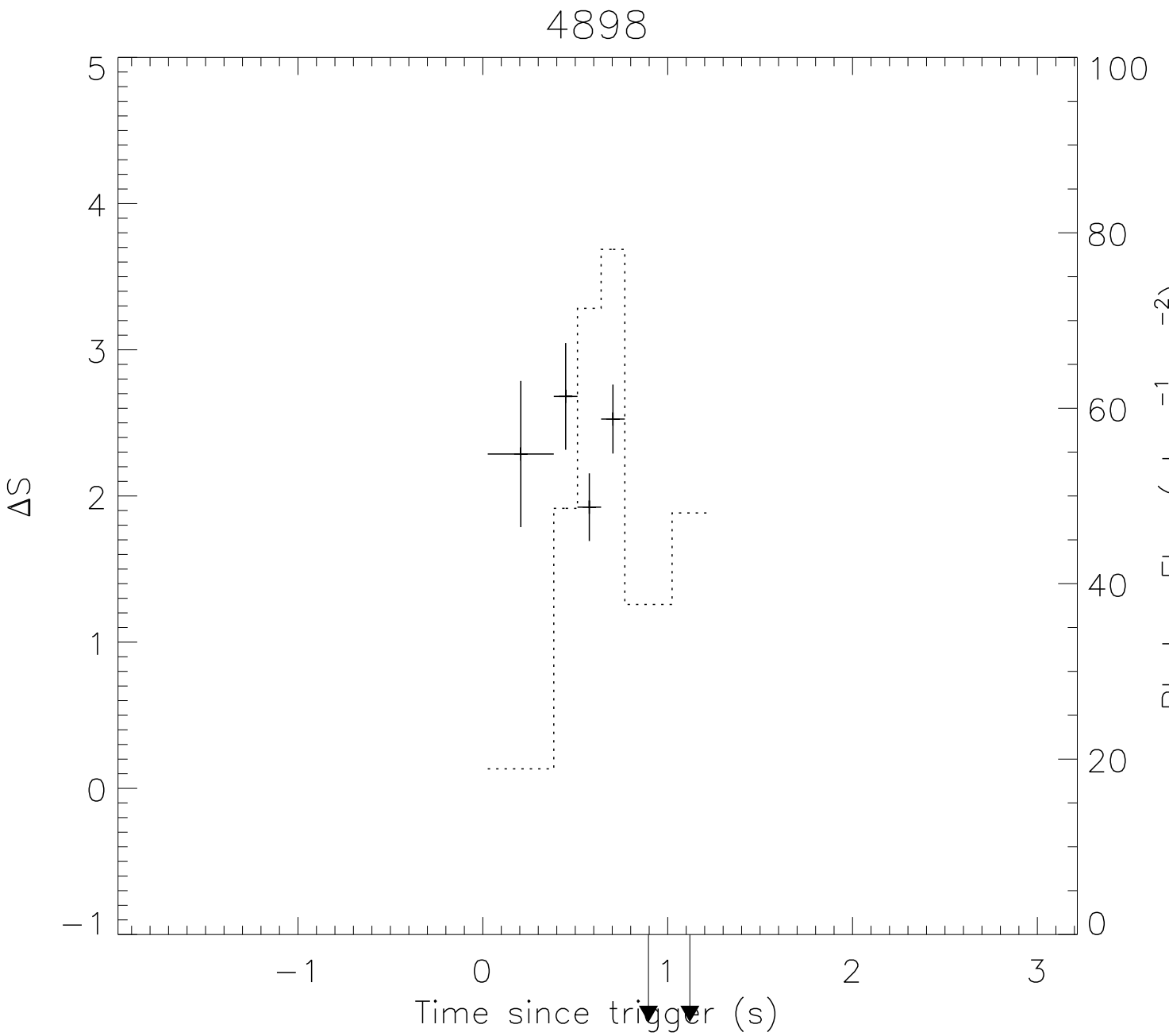

3954
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
5
10

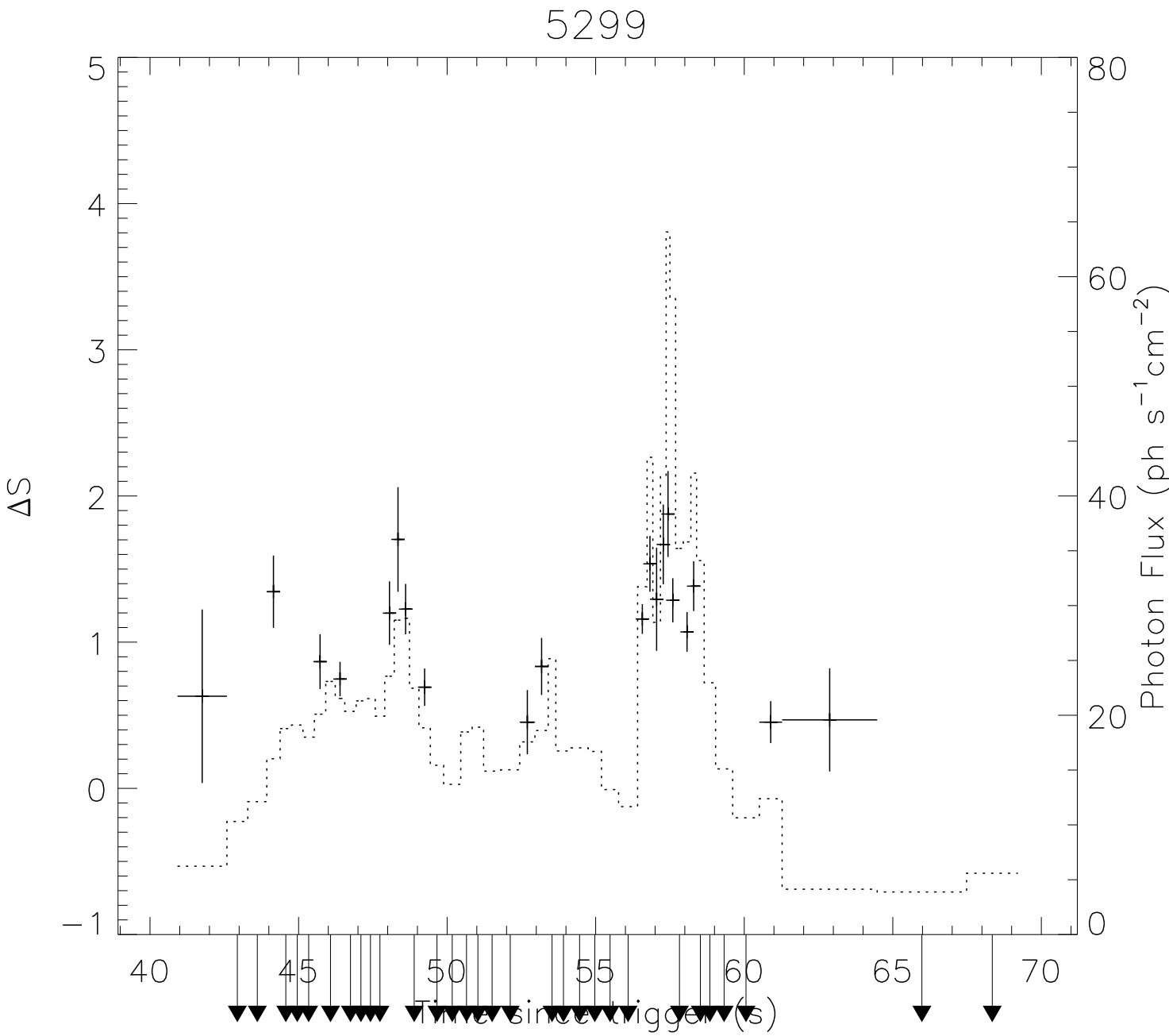

4039
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
15
10
5
0
0
10
20
30
40

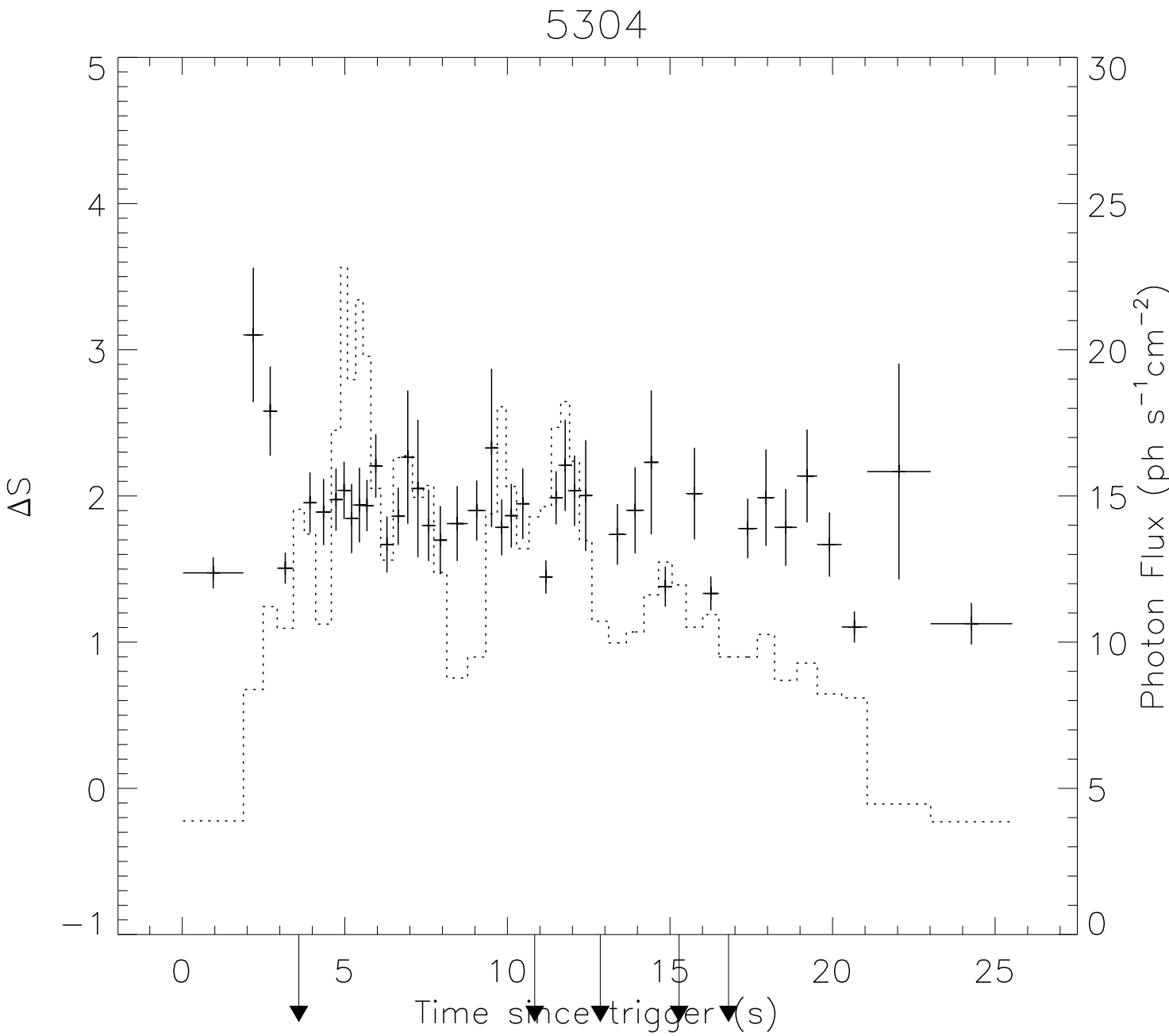

4368
ΔS
Time since trigger (s)
5
4
3
2
1
0
−1
100
80
60
40
20
0
0
10
20
30
40

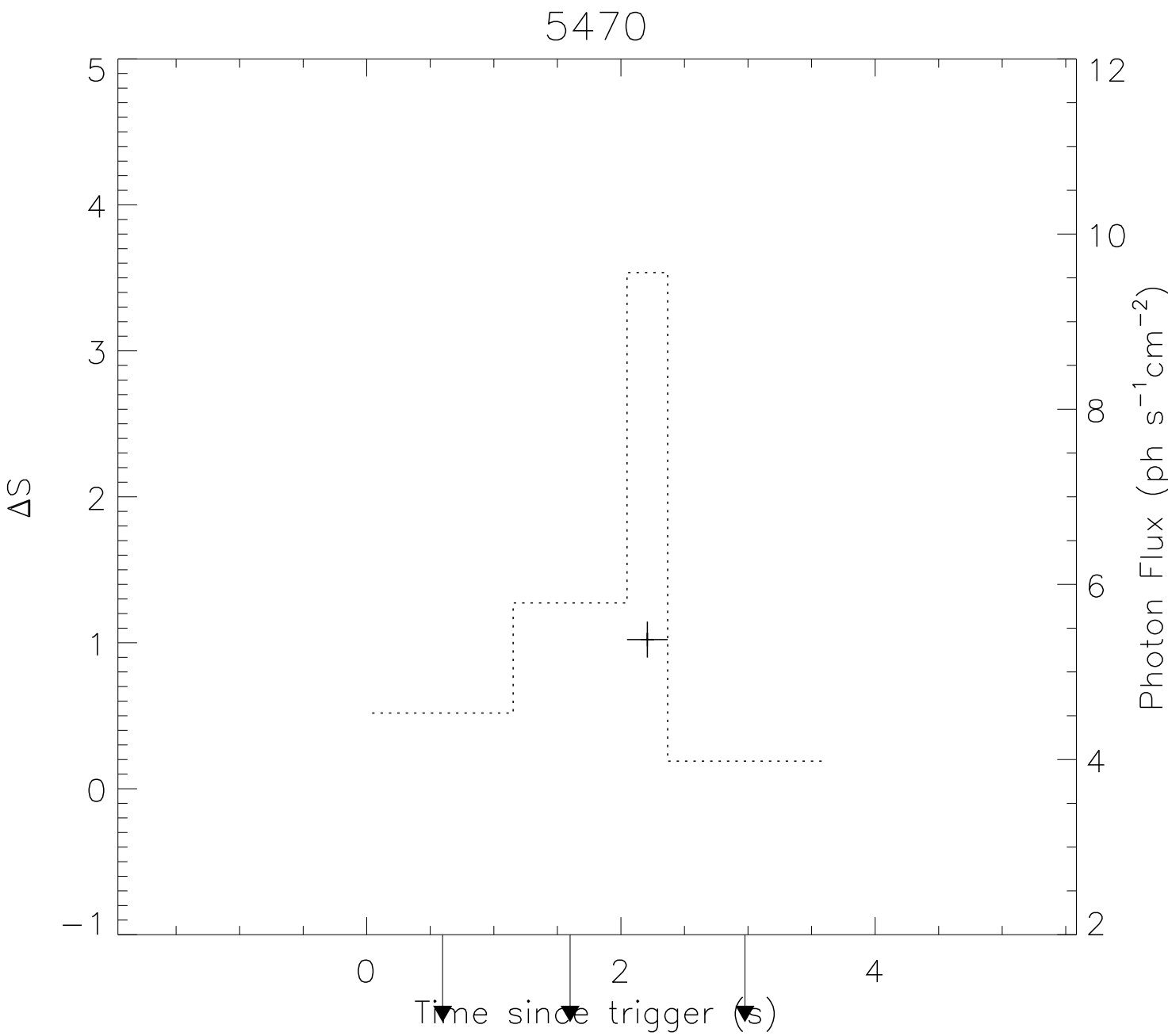

4556
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
2
4
6
8

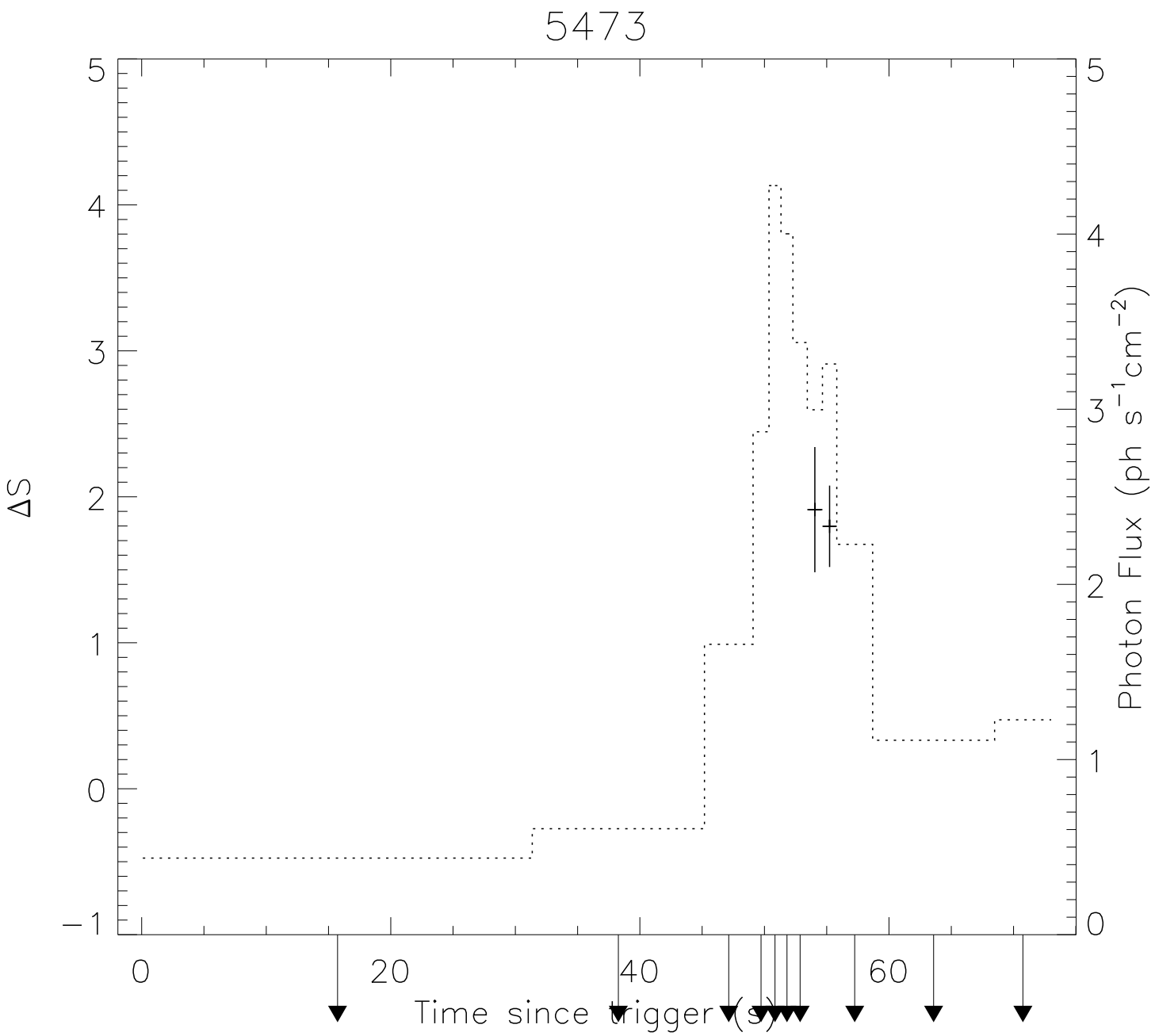

4701
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
50
−1
0
1
2
3
4
5
0
2
4
6
8
10
12

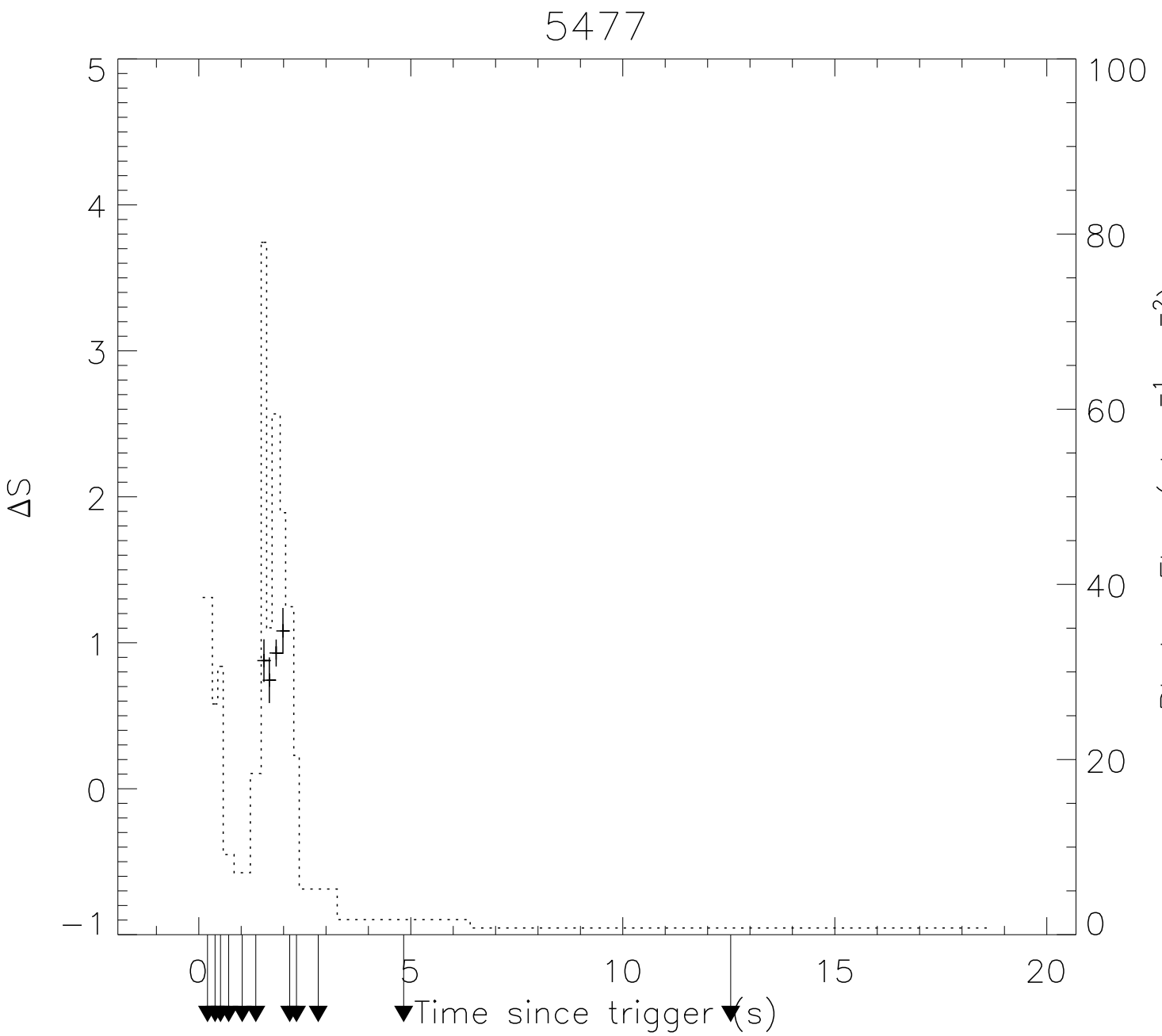

4898
ΔS
Time since trigger (s)
5
4
3
2
1
0
−1
−1
0
1
2
3
100
80
60
40
20
0

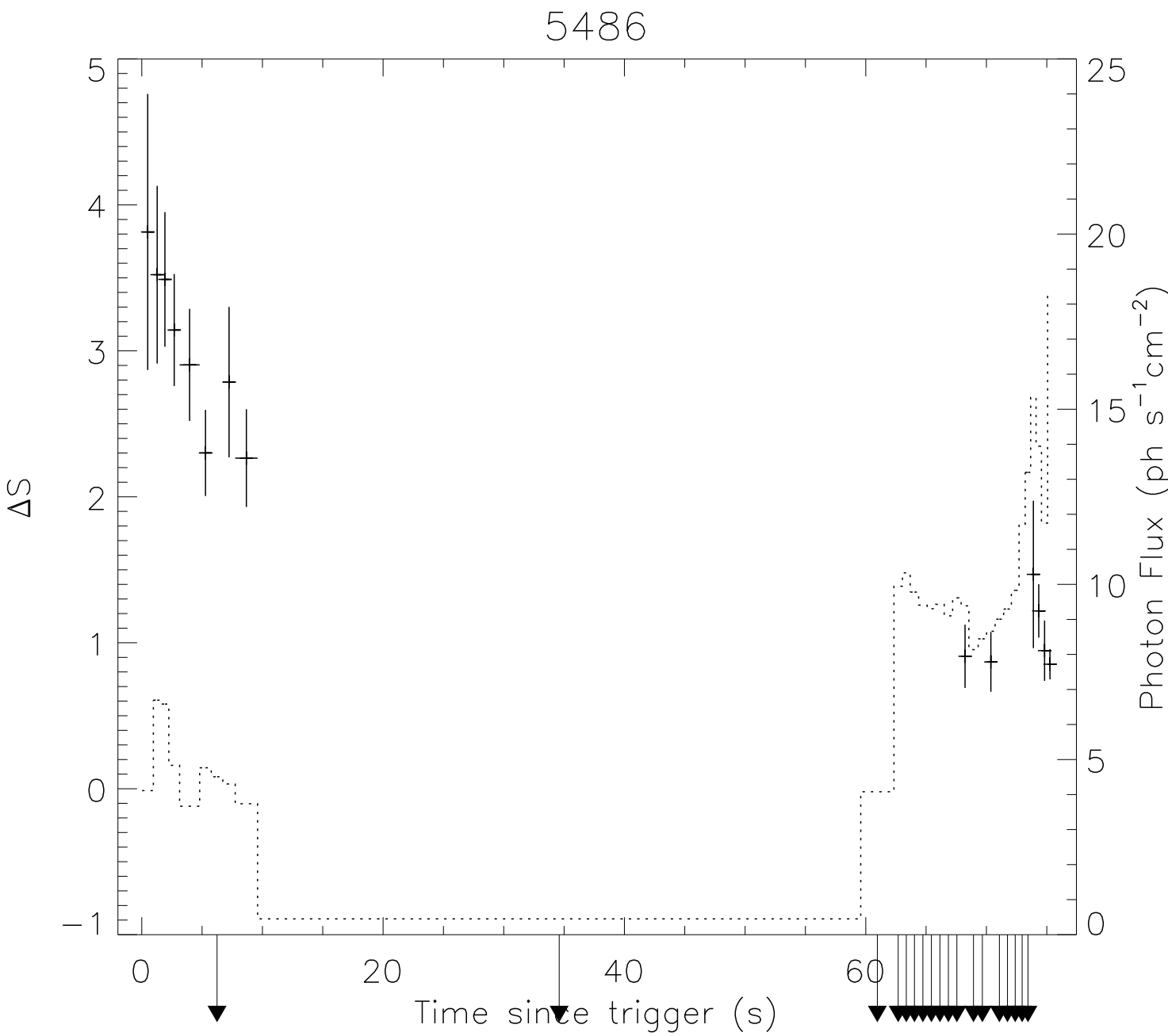

5299
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
40
45
50
55
60
65
70

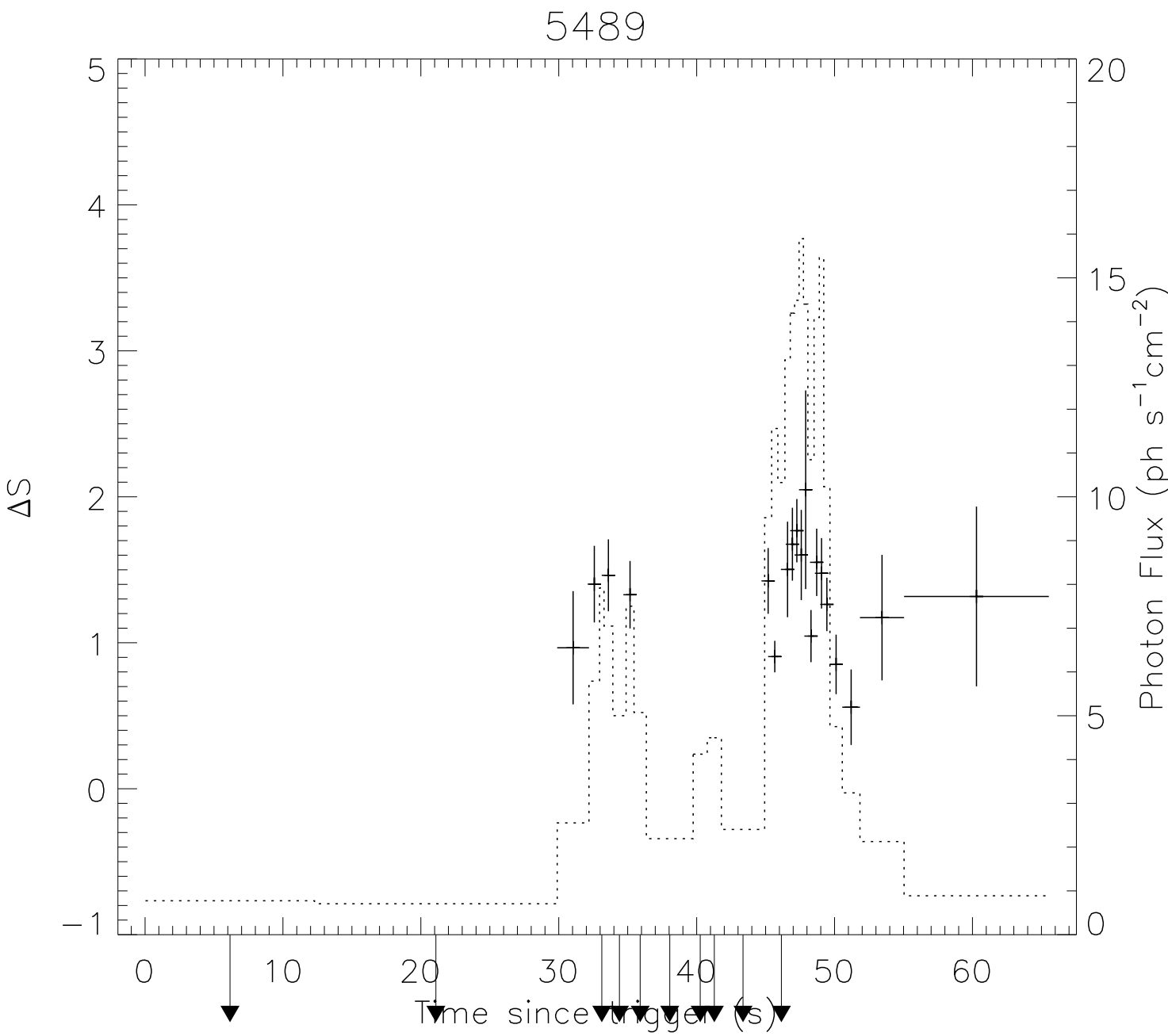

5304
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
5
10
15
20
25

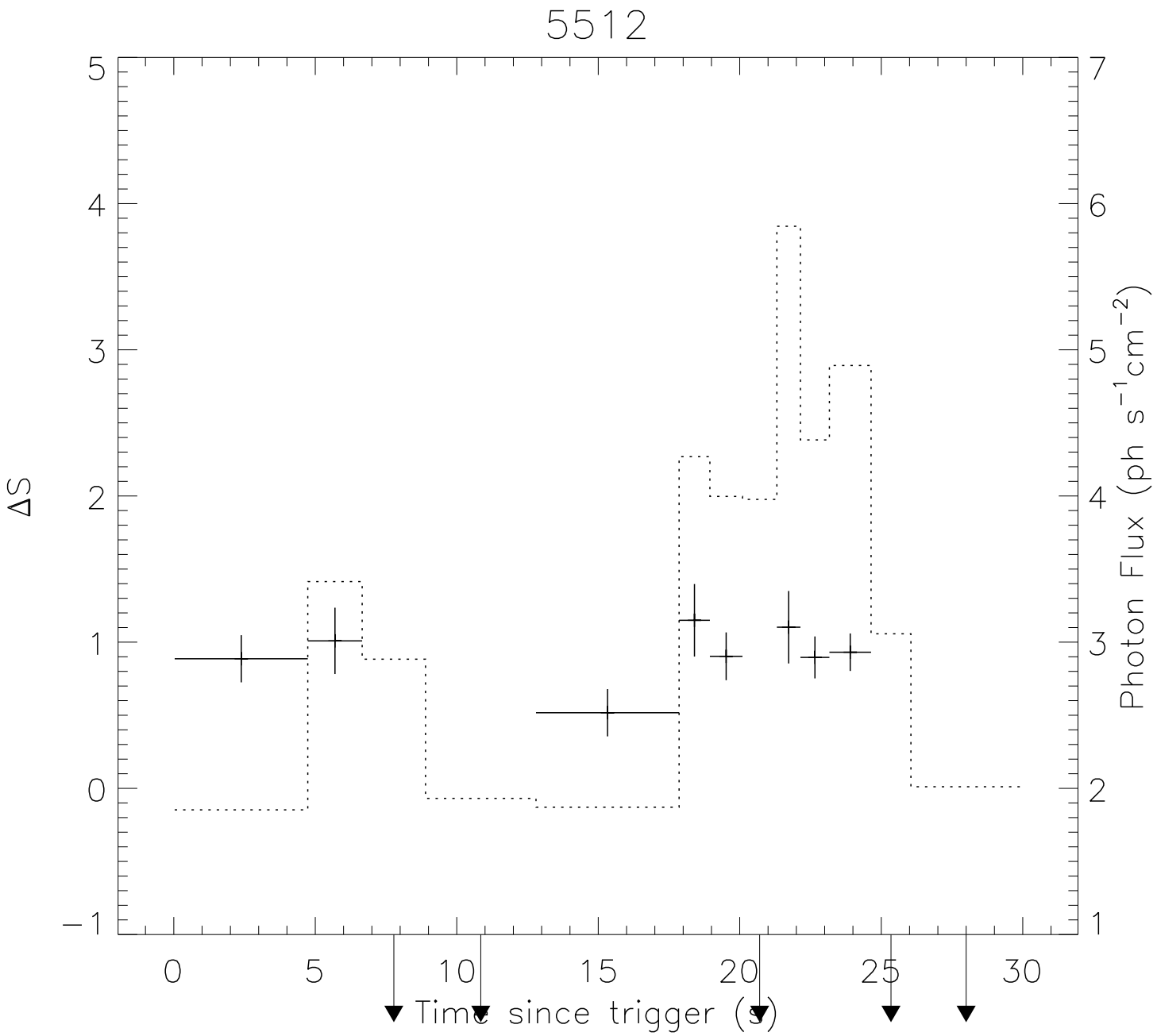

5470
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
12
10
8
6
4
2
0
2
4

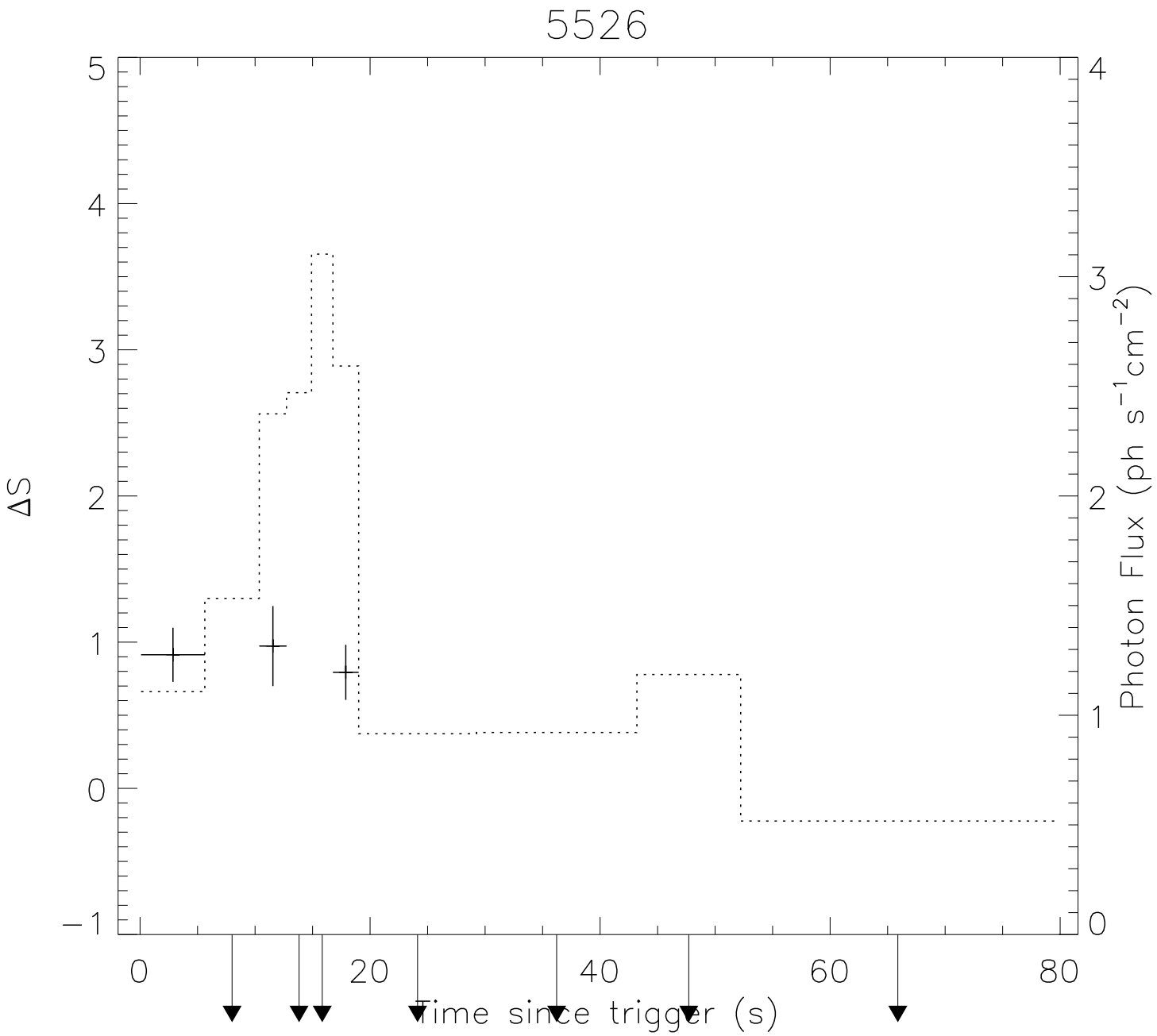

5473
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
−1
0
1
2
3
4
5

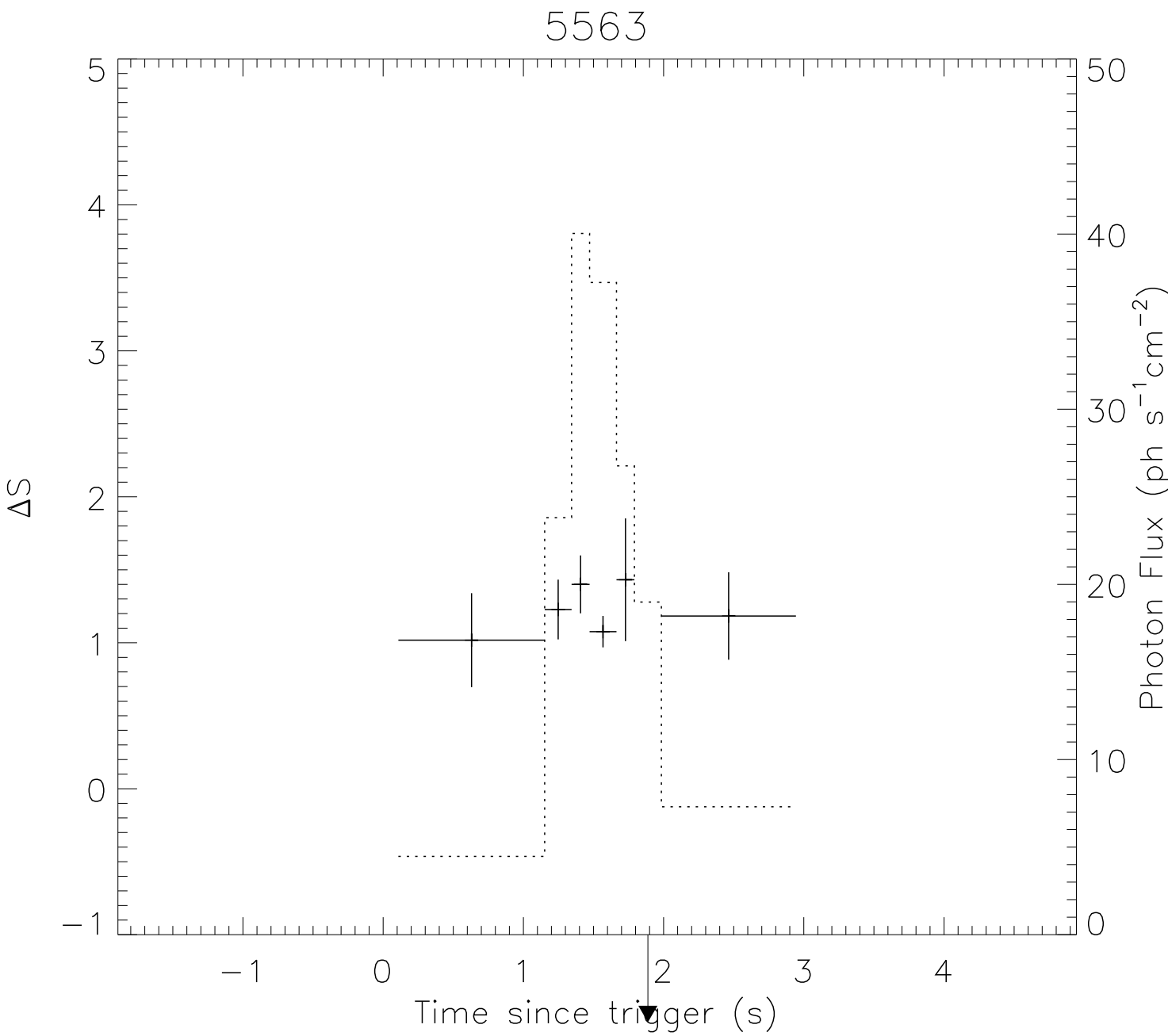

5477
ΔS
Time since trigger (s)
5
4
3
2
1
0
−1
100
80
60
40
20
0
0
5
10
15
20

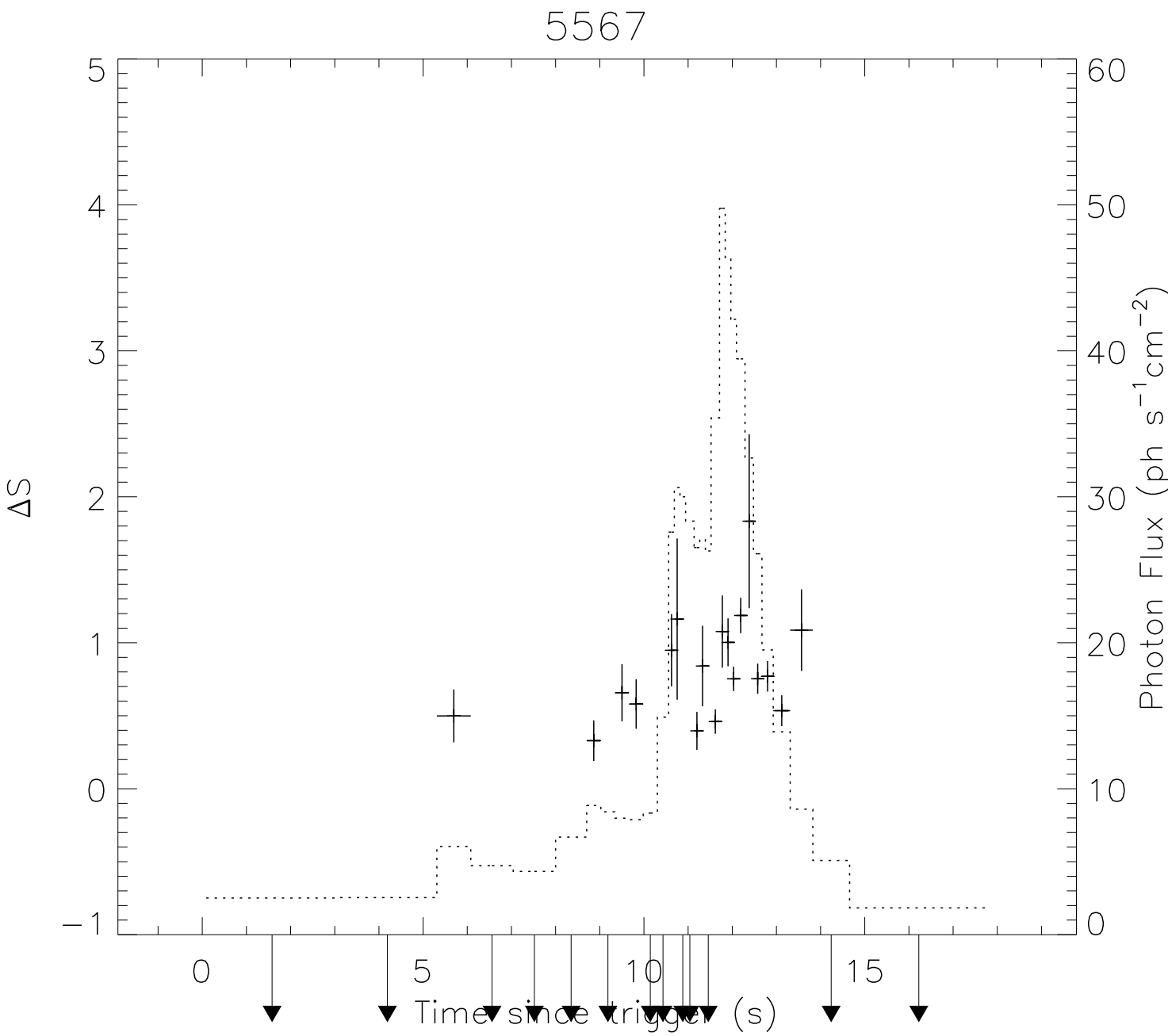

5486
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
20
40
60

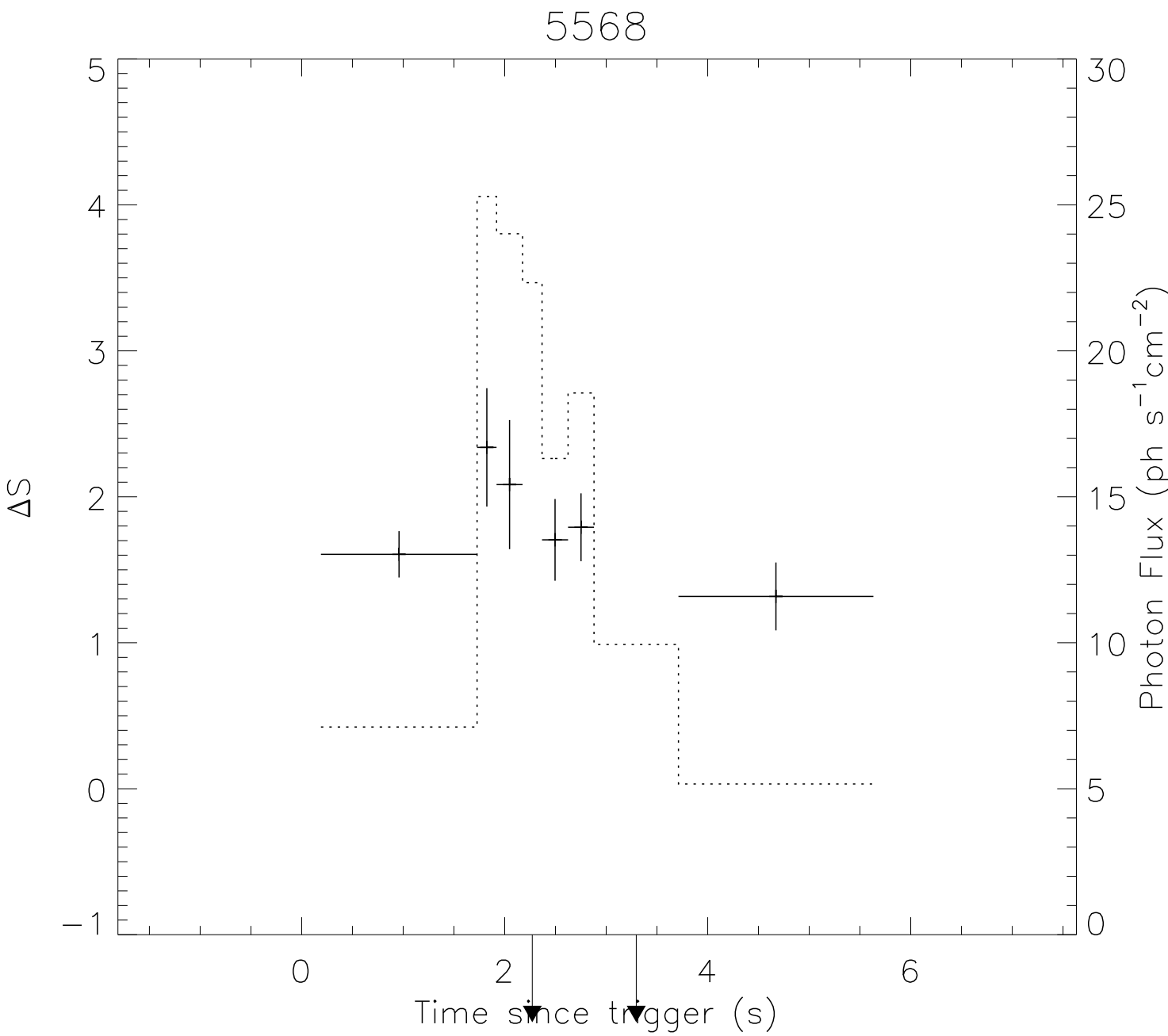

5489
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
50
60
−1
0
1
2
3
4
5
0
5
10
15
20

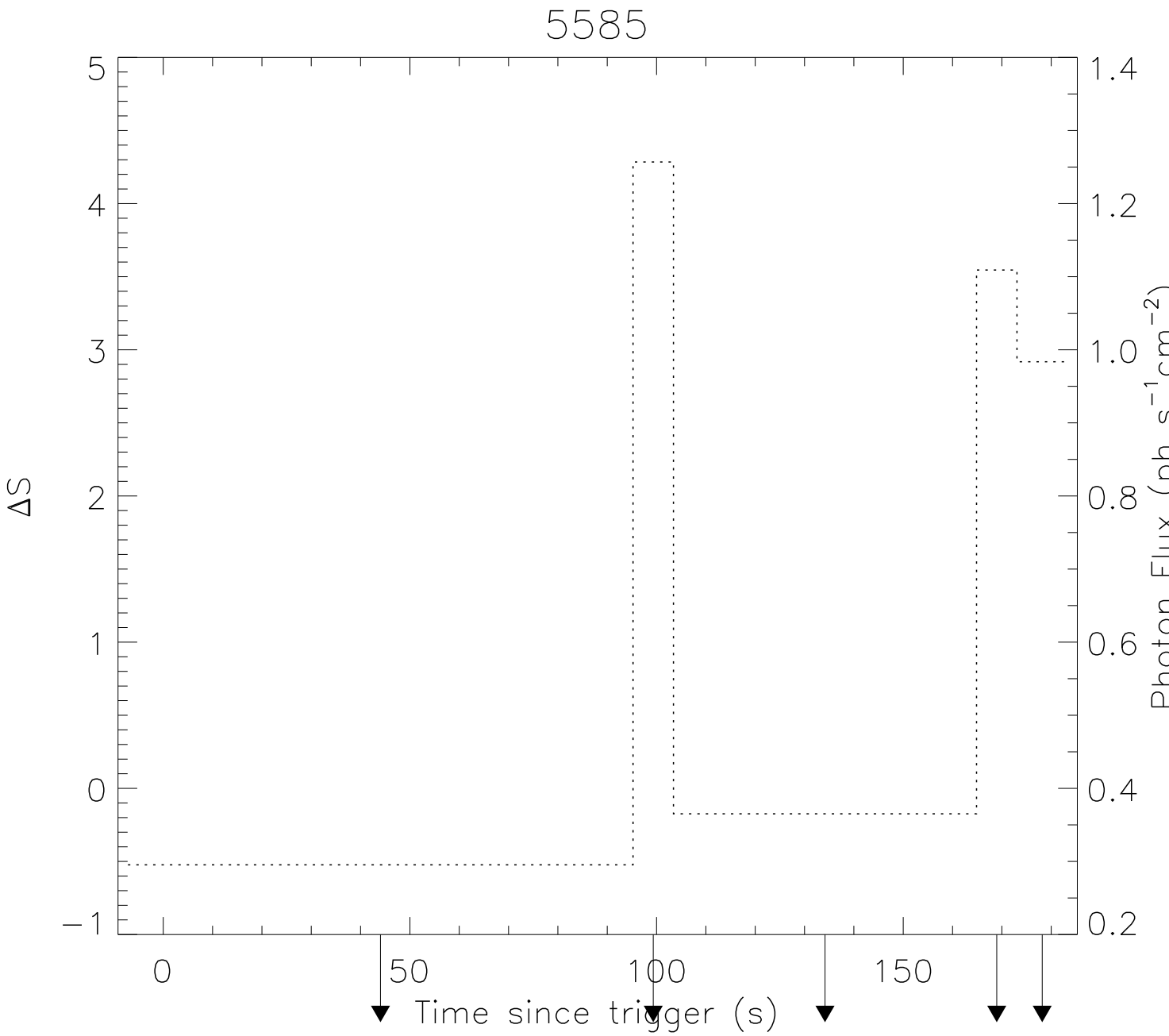

5512
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
7
6
5
4
3
2
1
0
5
10
15
20
25
30

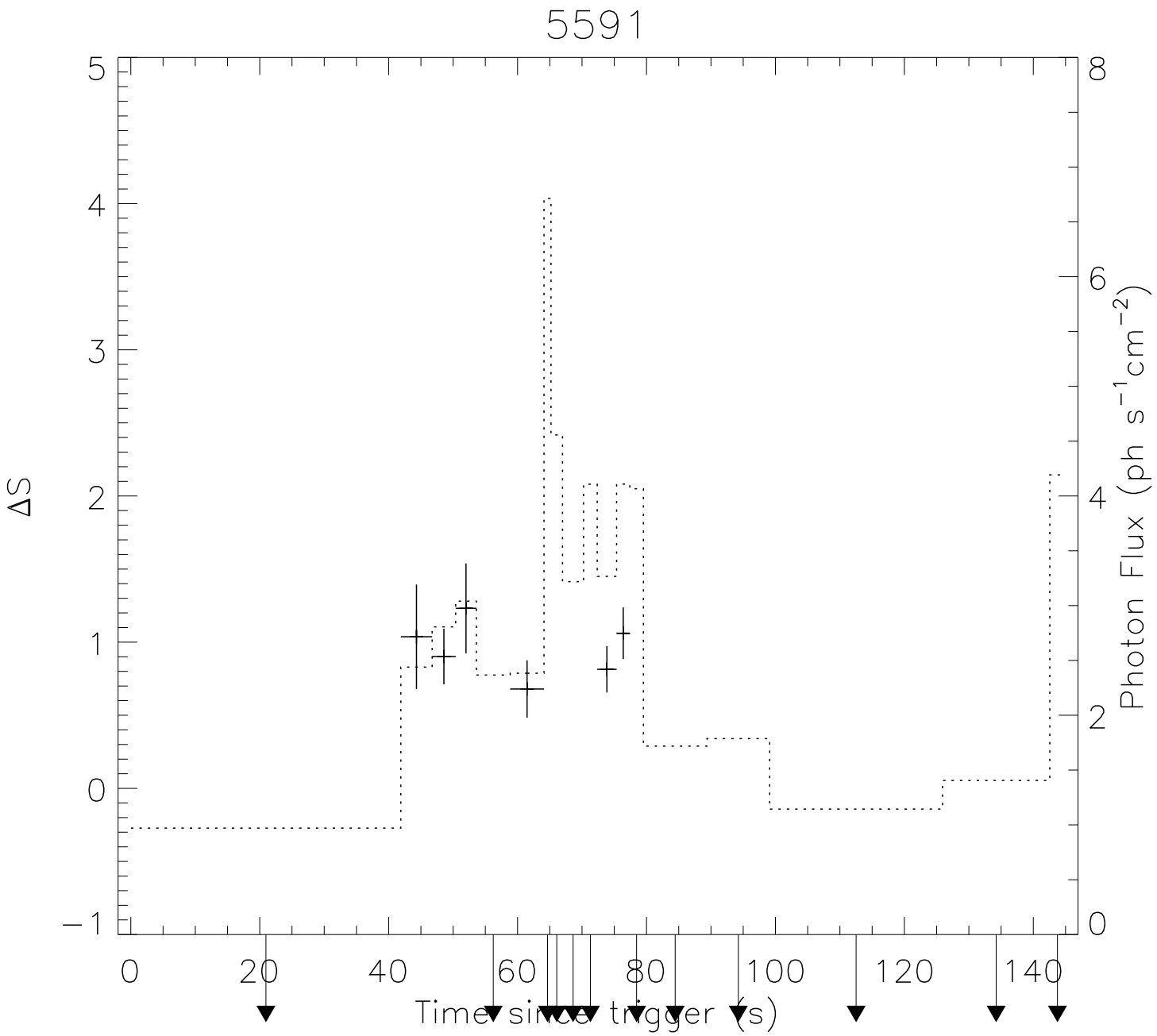

5526
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
4
3
2
1
0
0
20
40
60
80

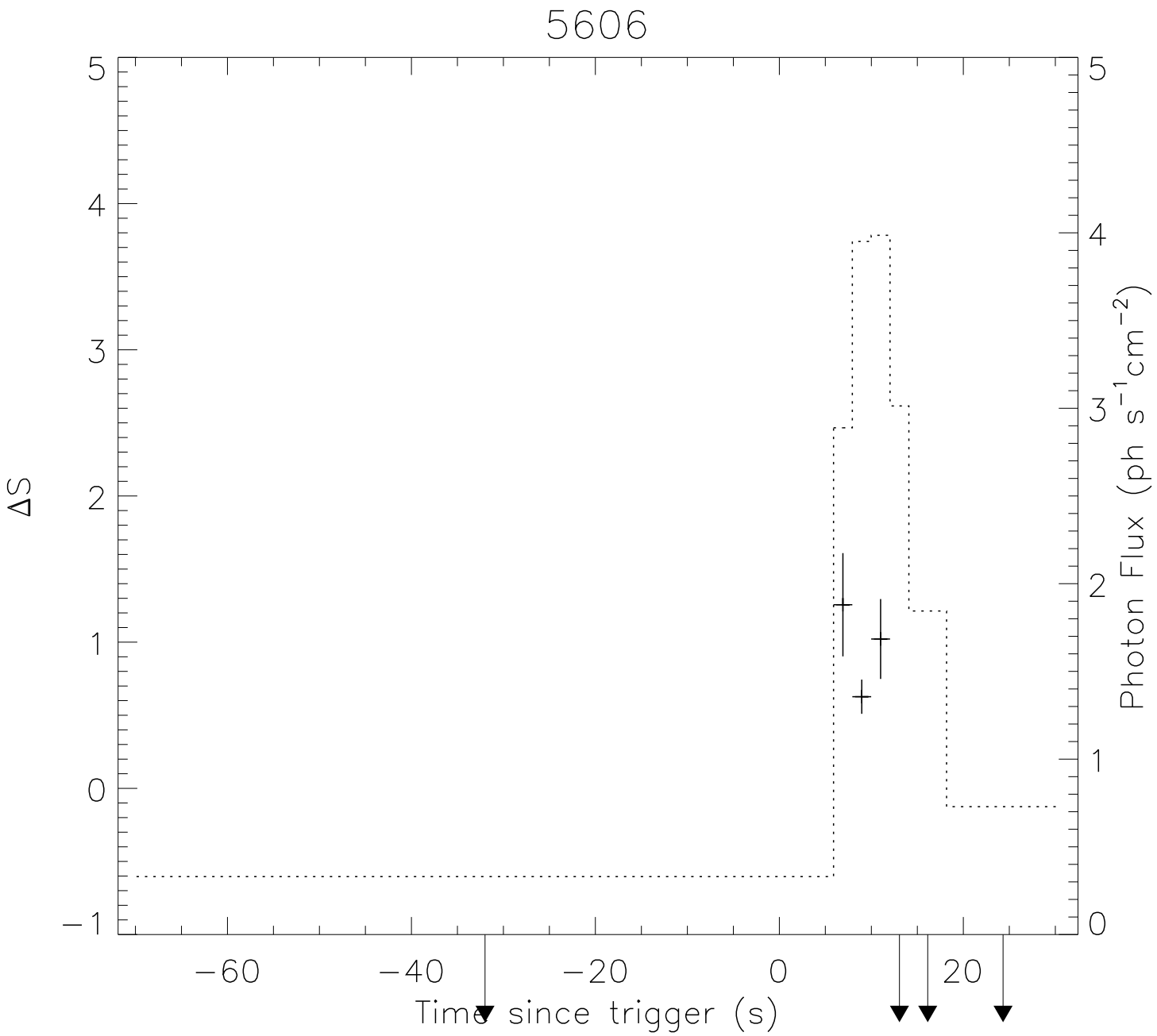

5563
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
−1
0
1
2
3
4

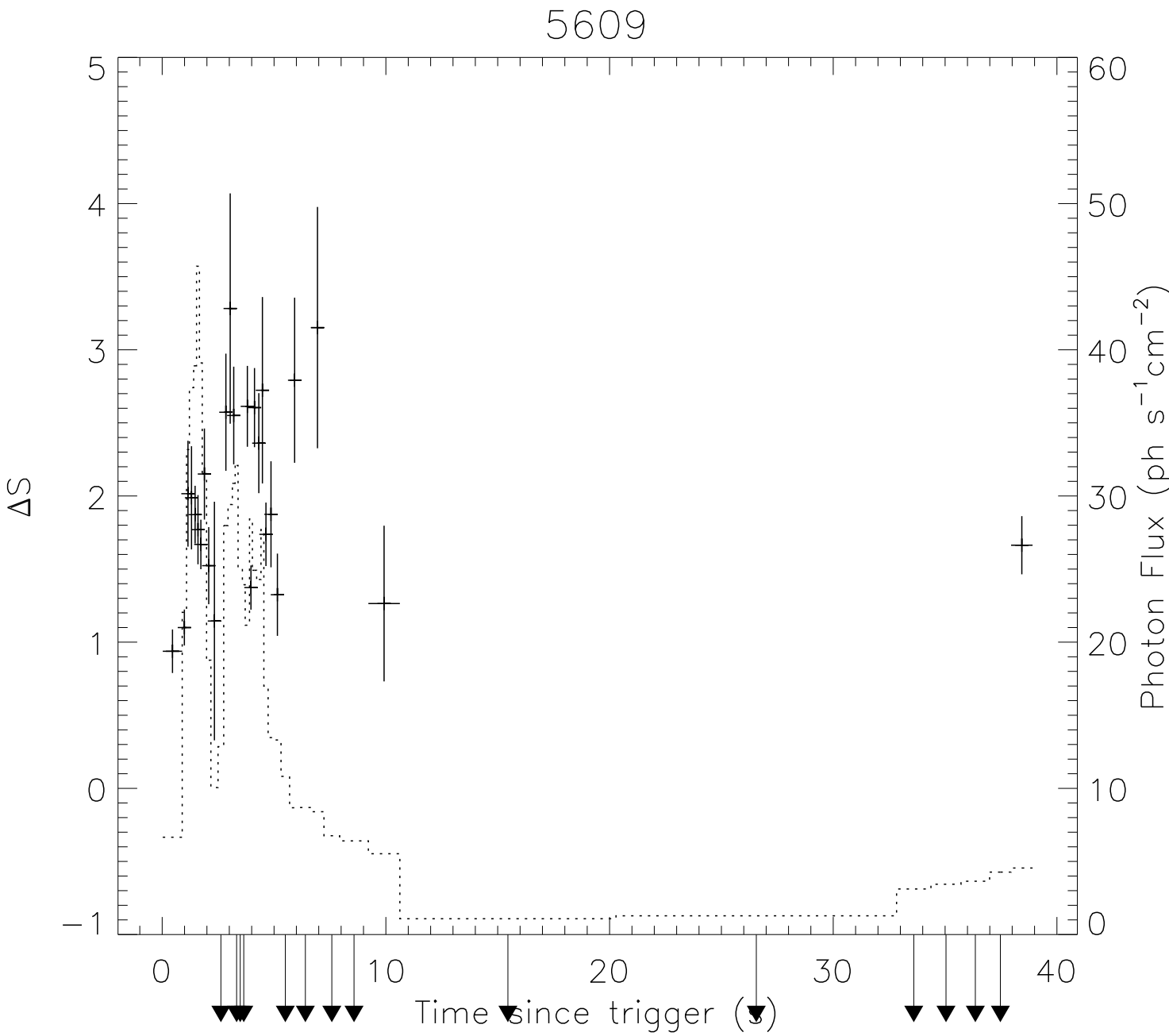

5567
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
60
50
40
30
20
10
0
0
5
10
15

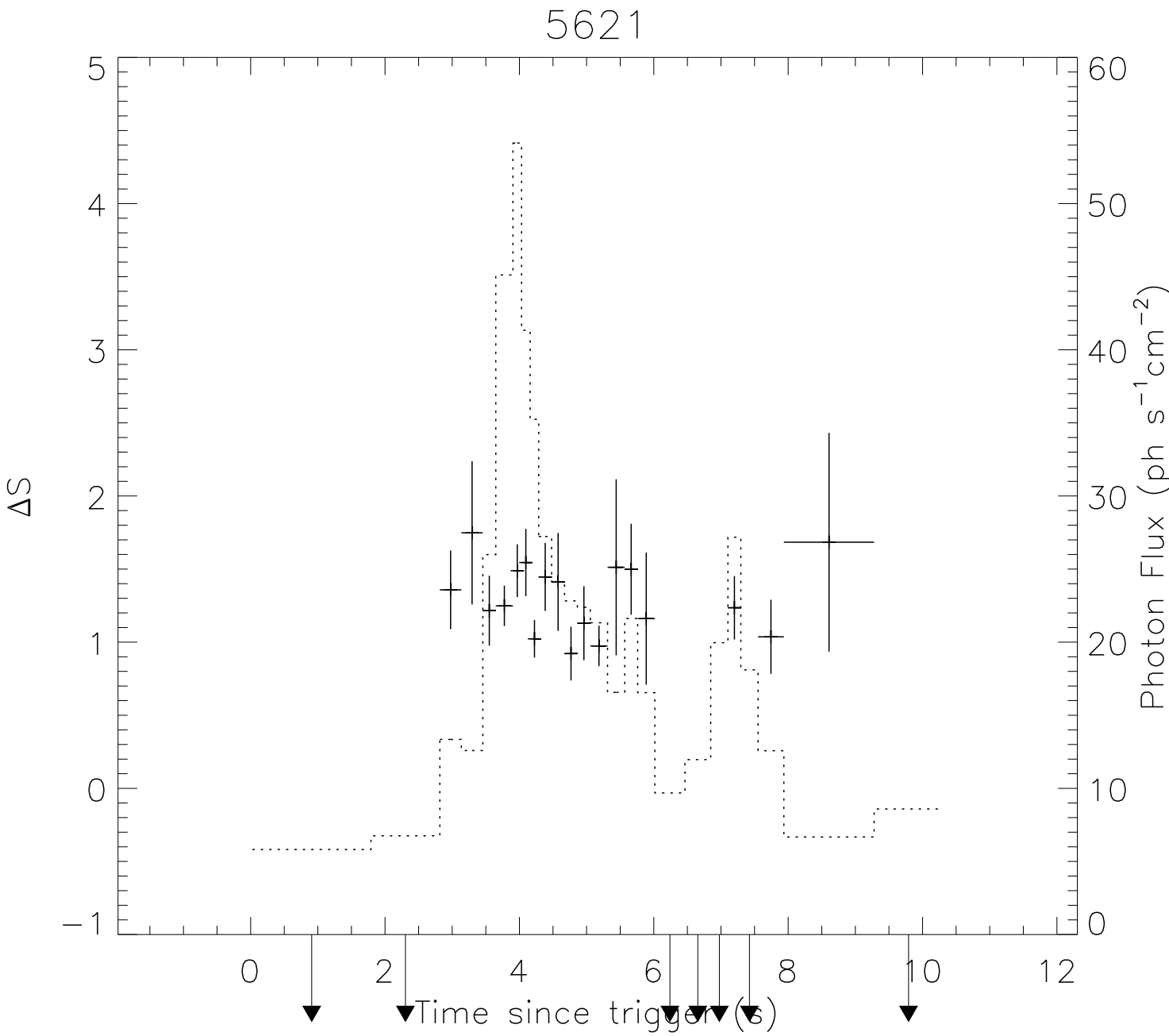

5568
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
2
4
6

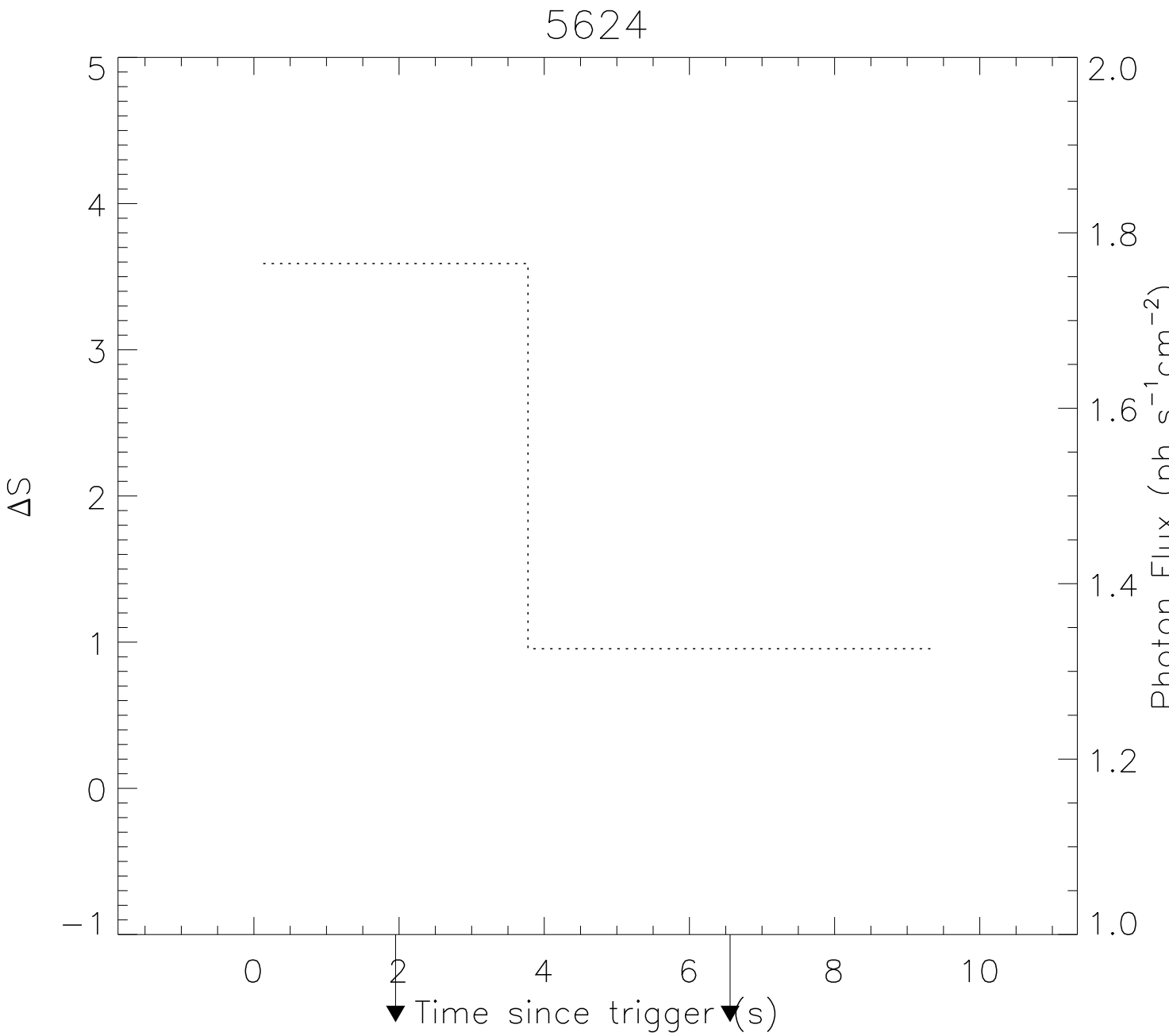

5585
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0
50
100
150

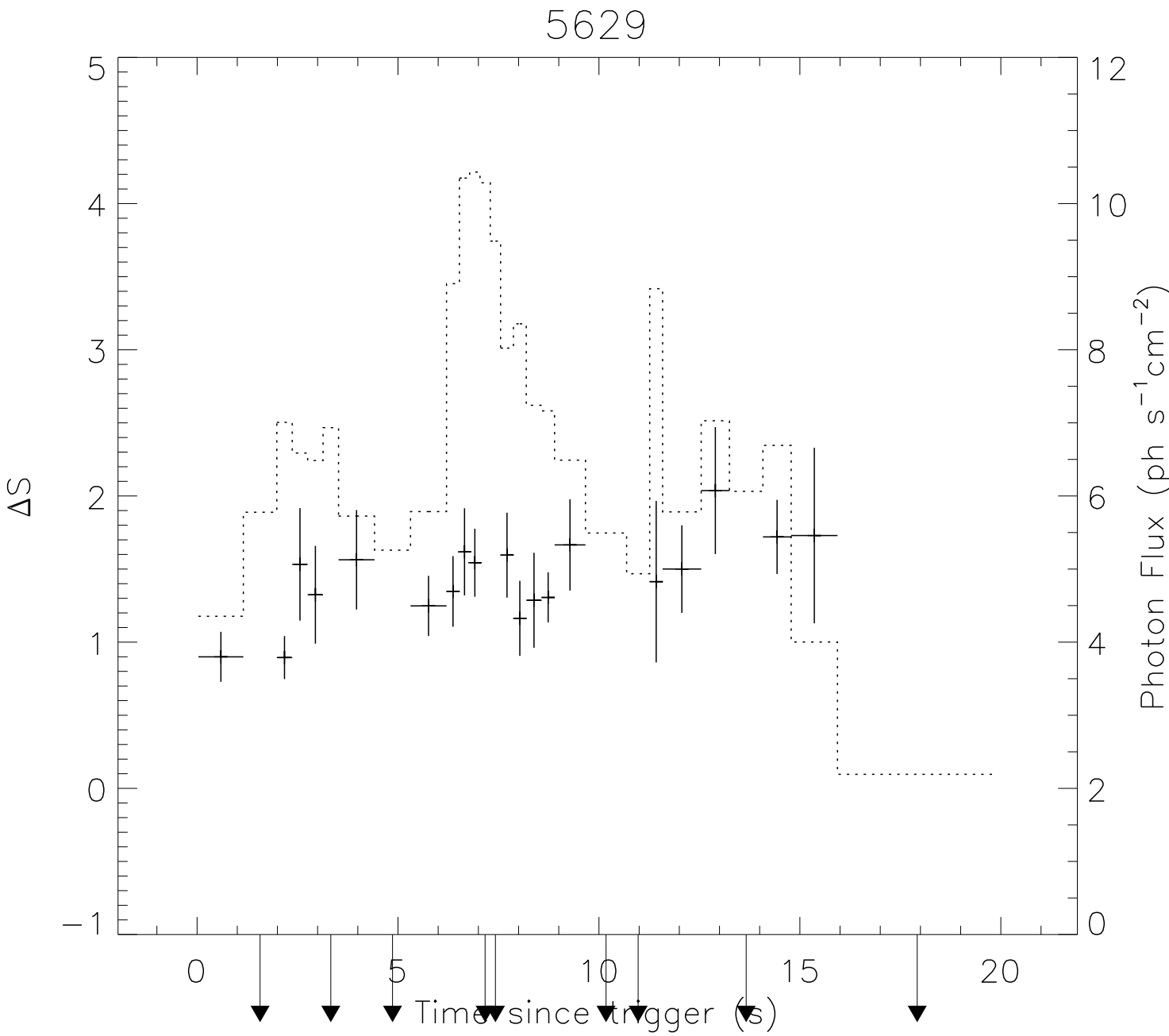

5591
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
100
120
140
−1
0
1
2
3
4
5
0
2
4
6
8

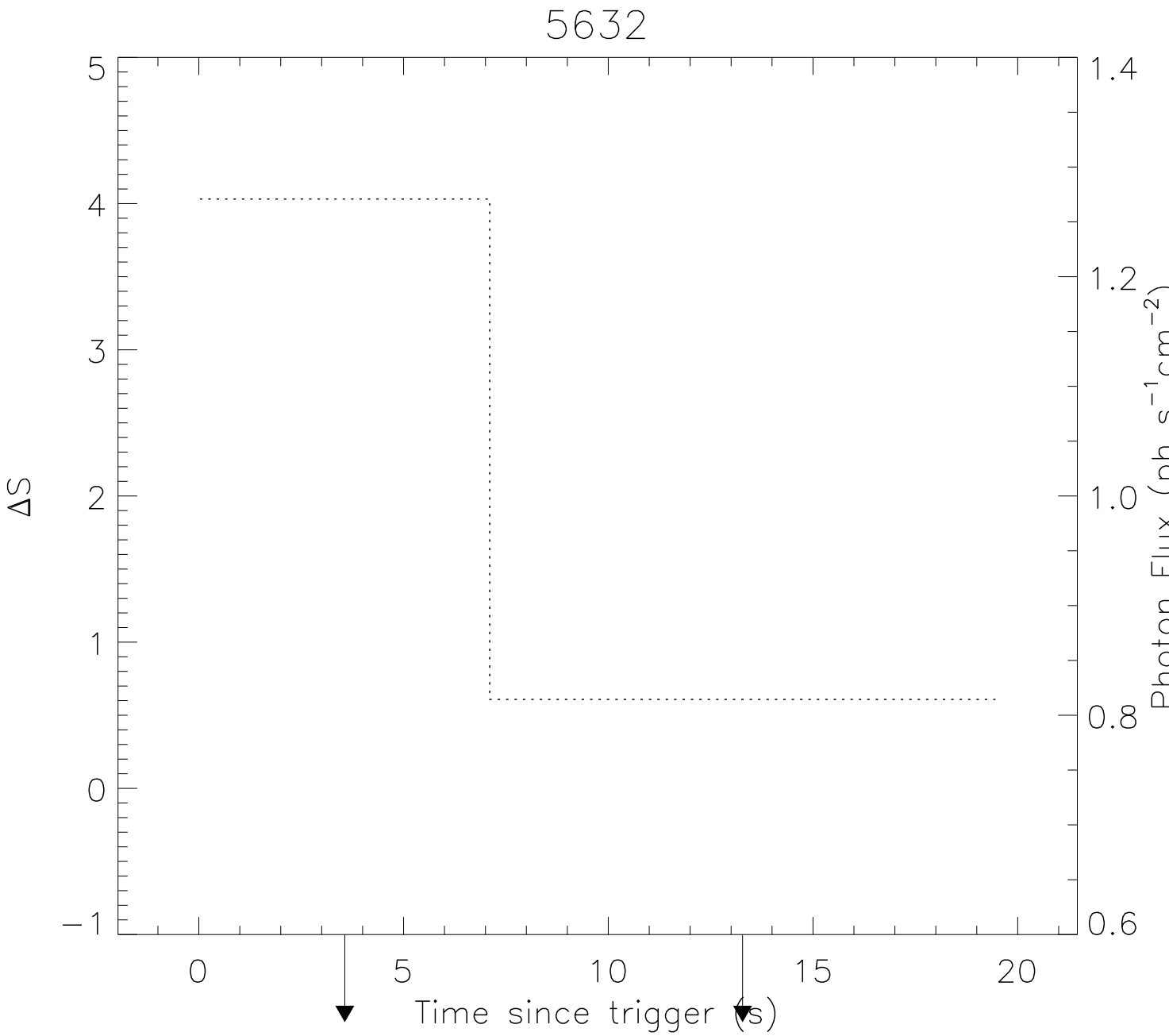

5606
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
−60
−40
−20
0
20
−1
0
1
2
3
4
5

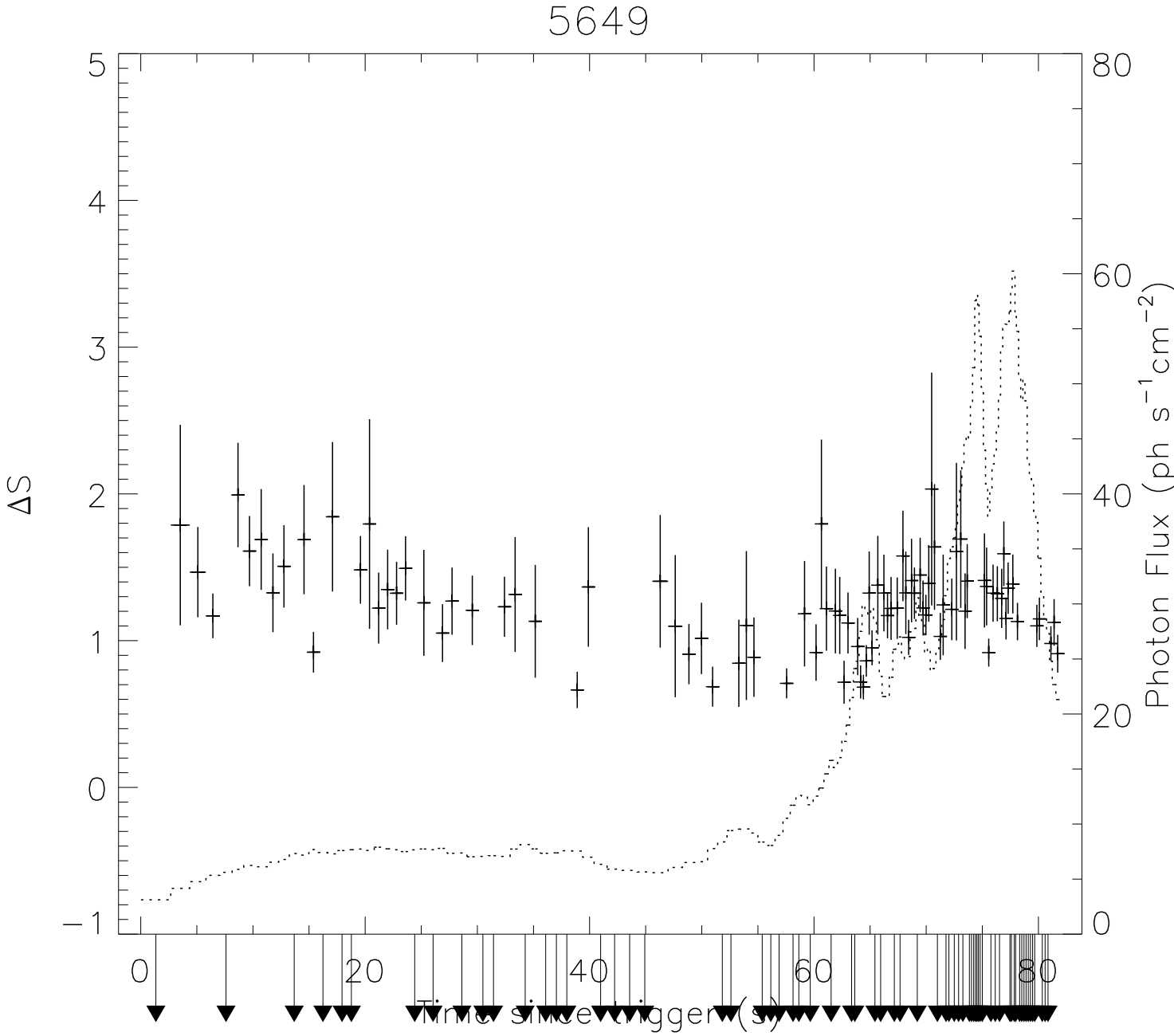

5609
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
60
50
40
30
20
10
0
0
10
20
30
40

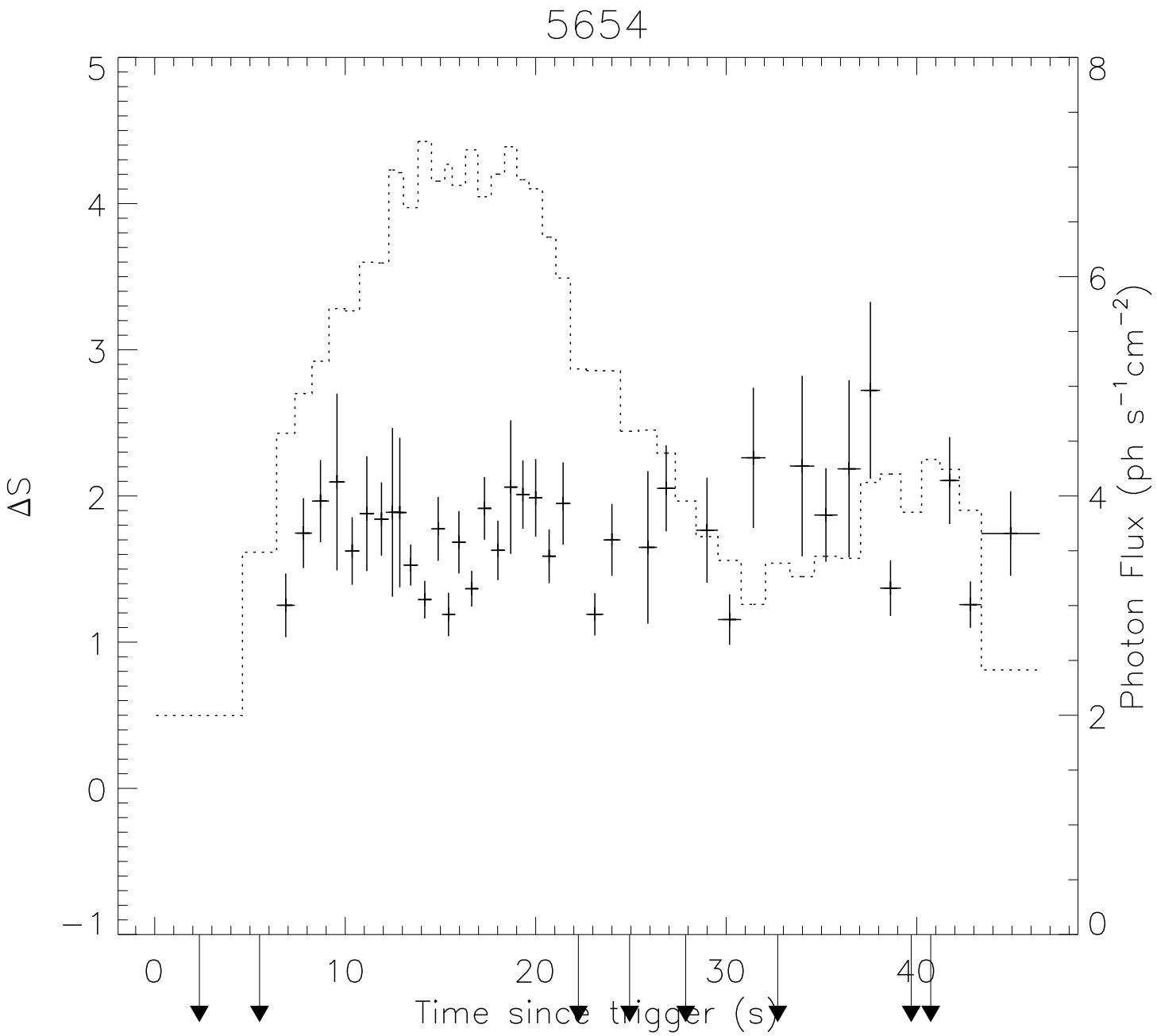

5621
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
60
50
40
30
20
10
0
0
2
4
6
8
10
12

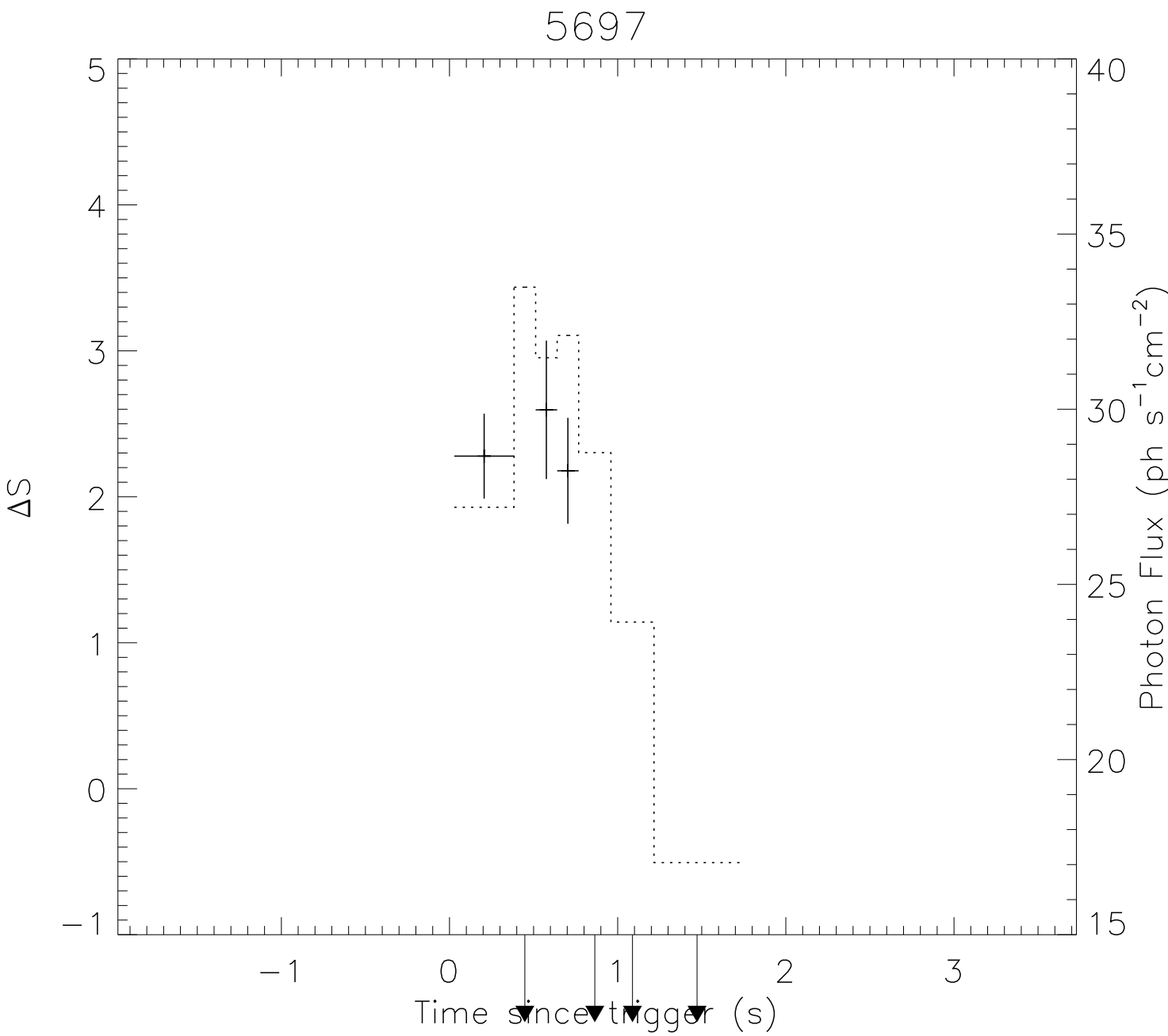

5624
ΔS
5
4
3
2
1
0
−1
2.0
1.8
1.6
1.4
1.2
1.0
0
2
4
6
8
10
Time since trigger (s)

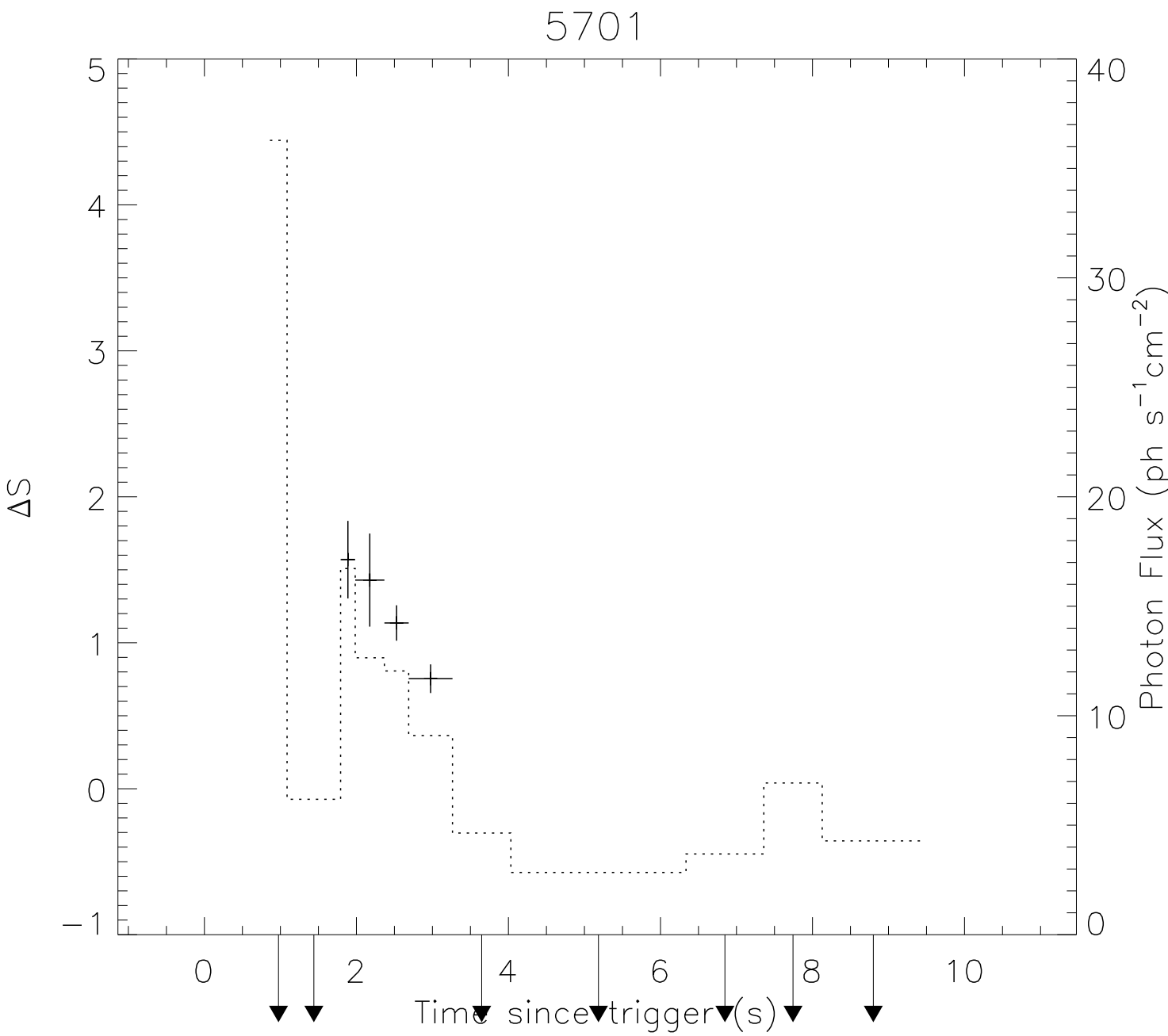

5629
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
12
10
8
6
4
2
0
0
5
10
15
20

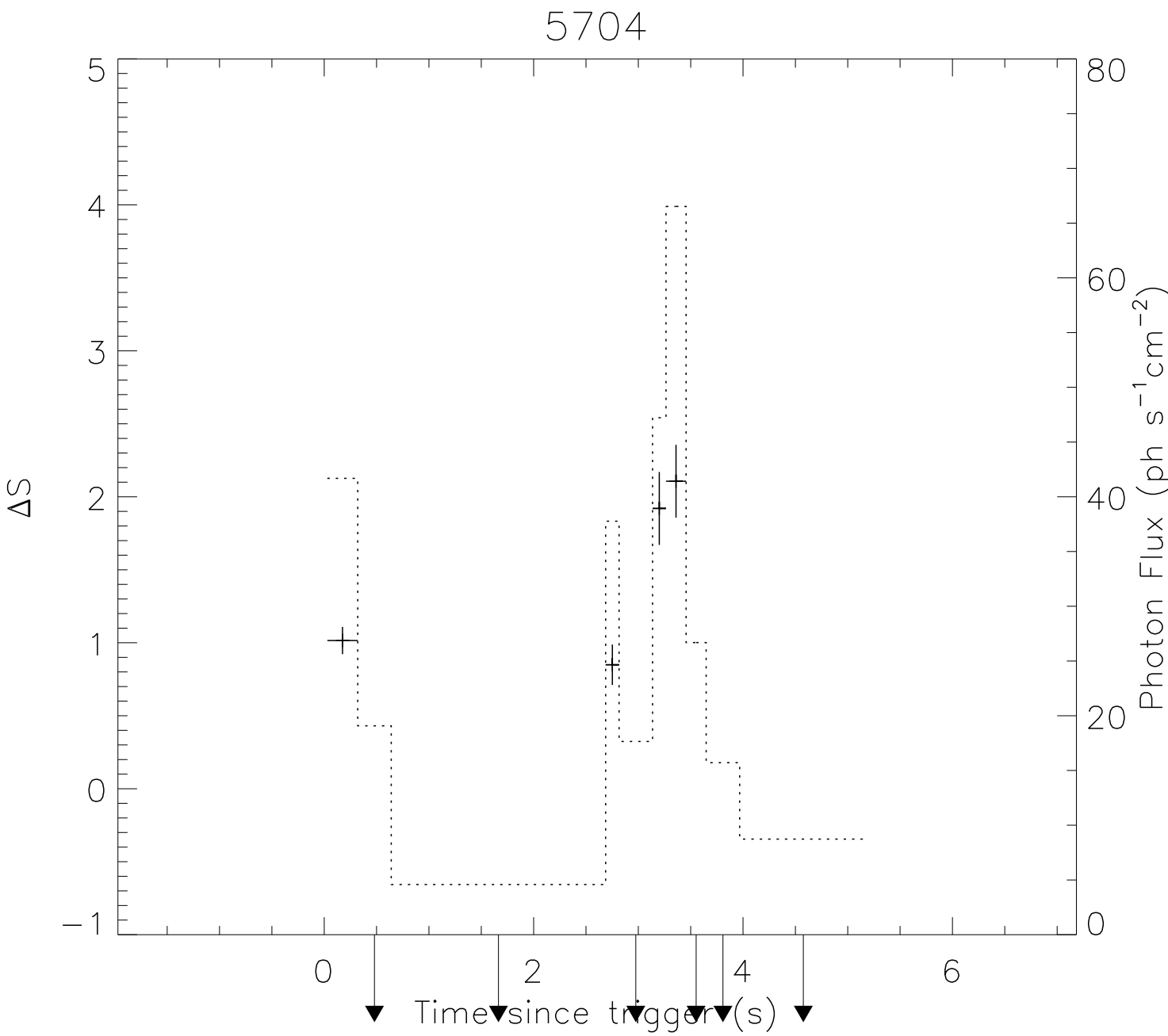

5632
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
1.4
1.2
1.0
0.8
0.6
0
5
10
15
20

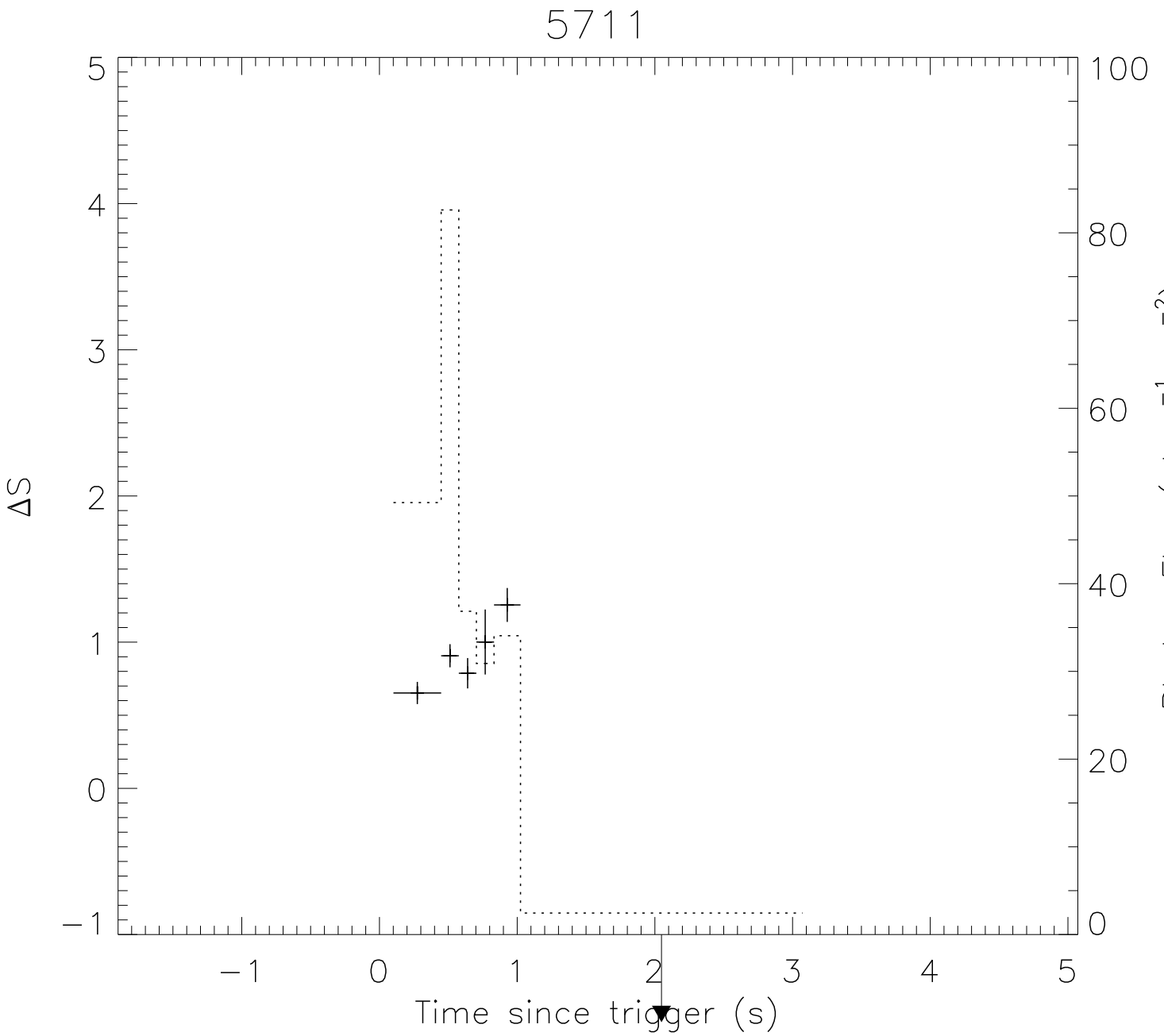

5649
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
0
20
40
60
80

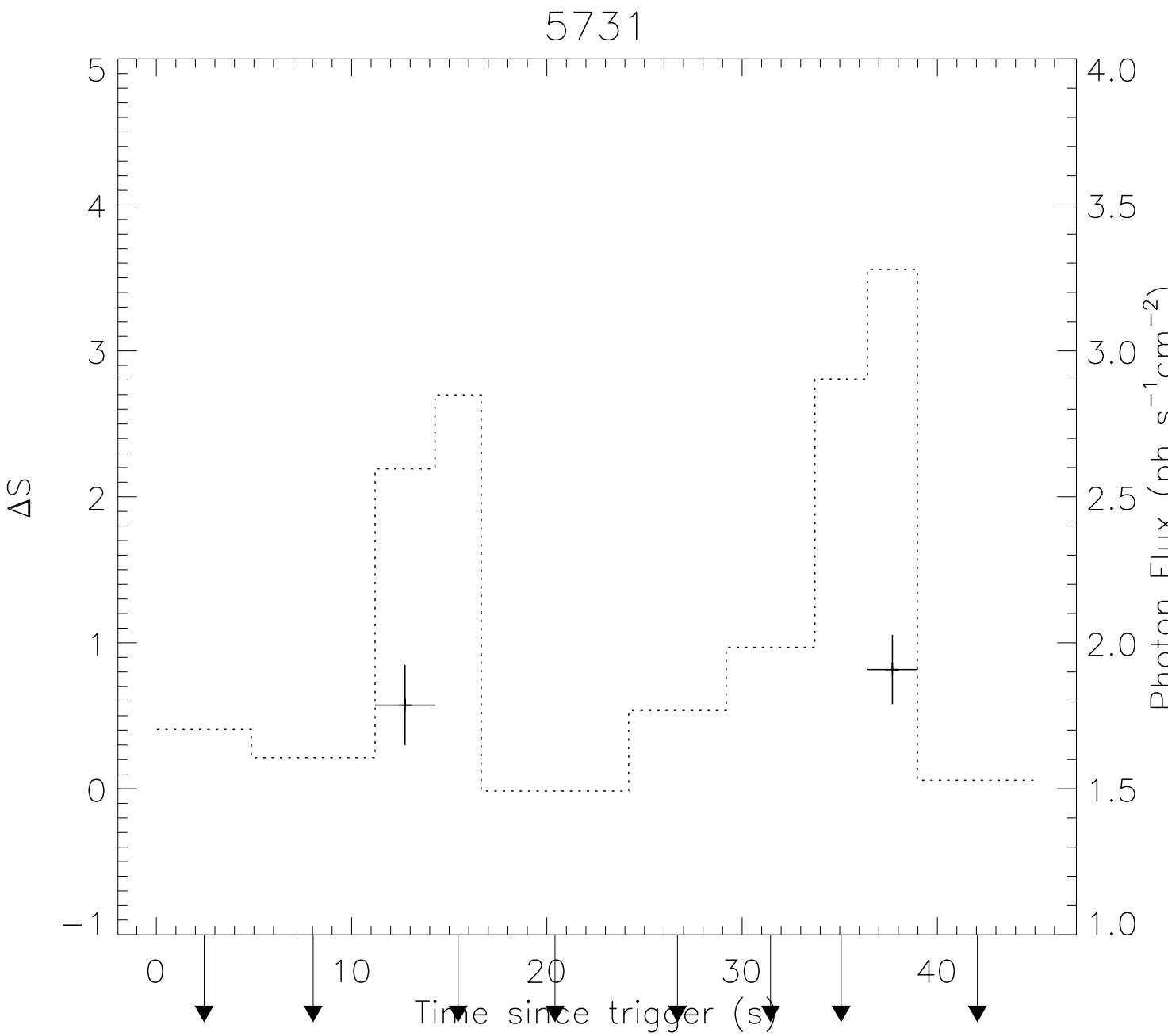

5654
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
10
20
30
40

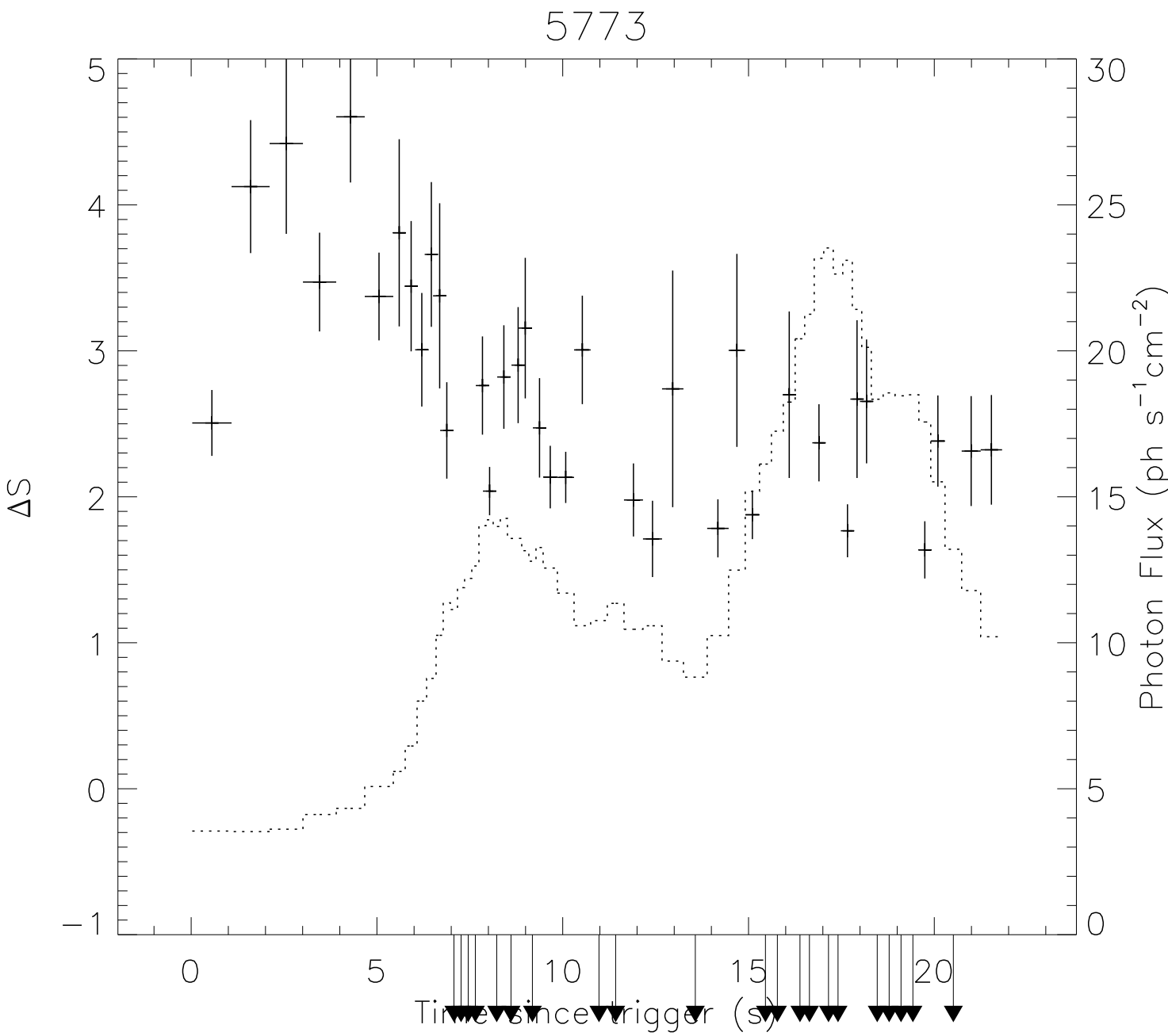

5697
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
35
30
25
20
15
−1
0
1
2
3

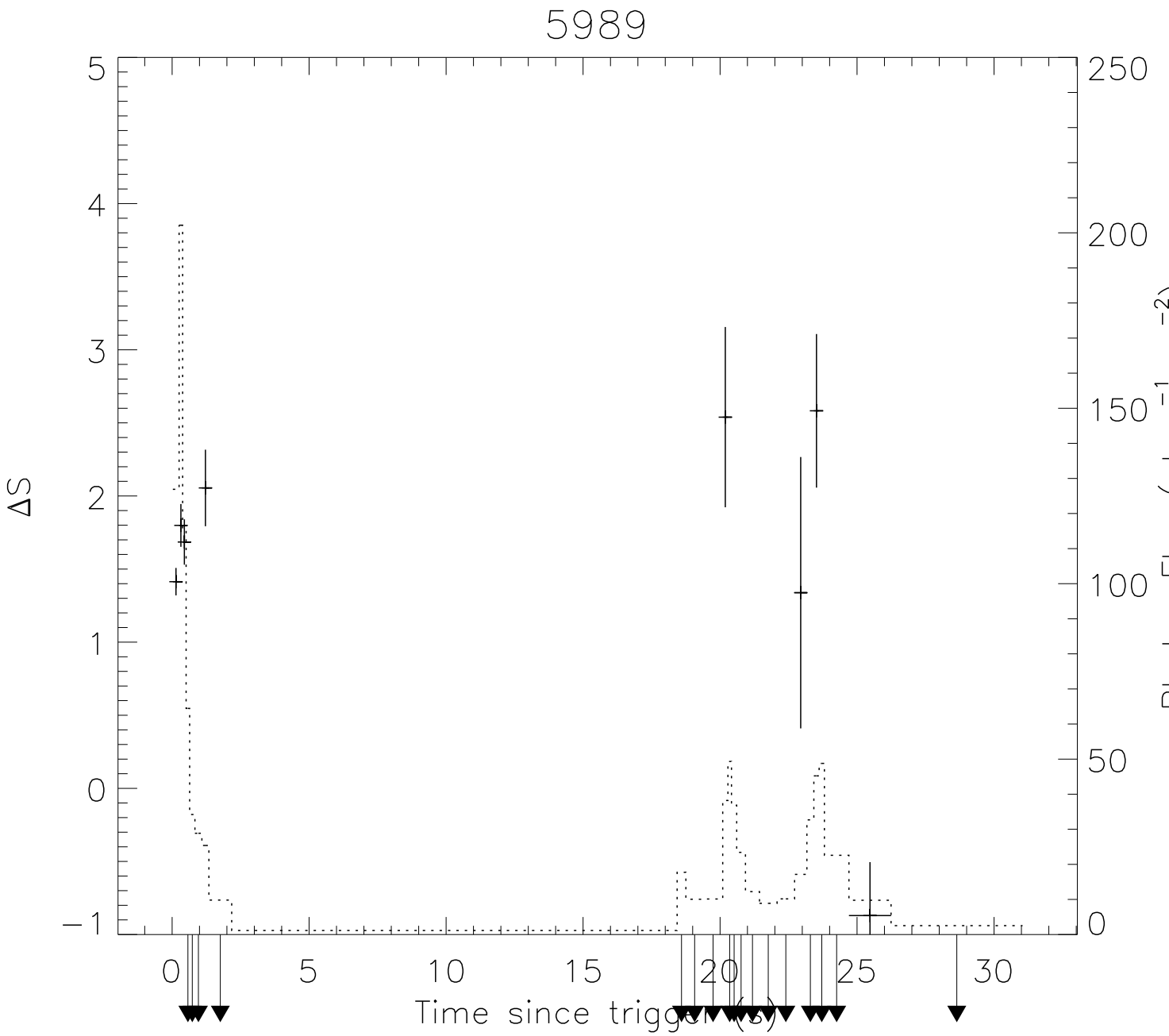

5701
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
2
4
6
8
10

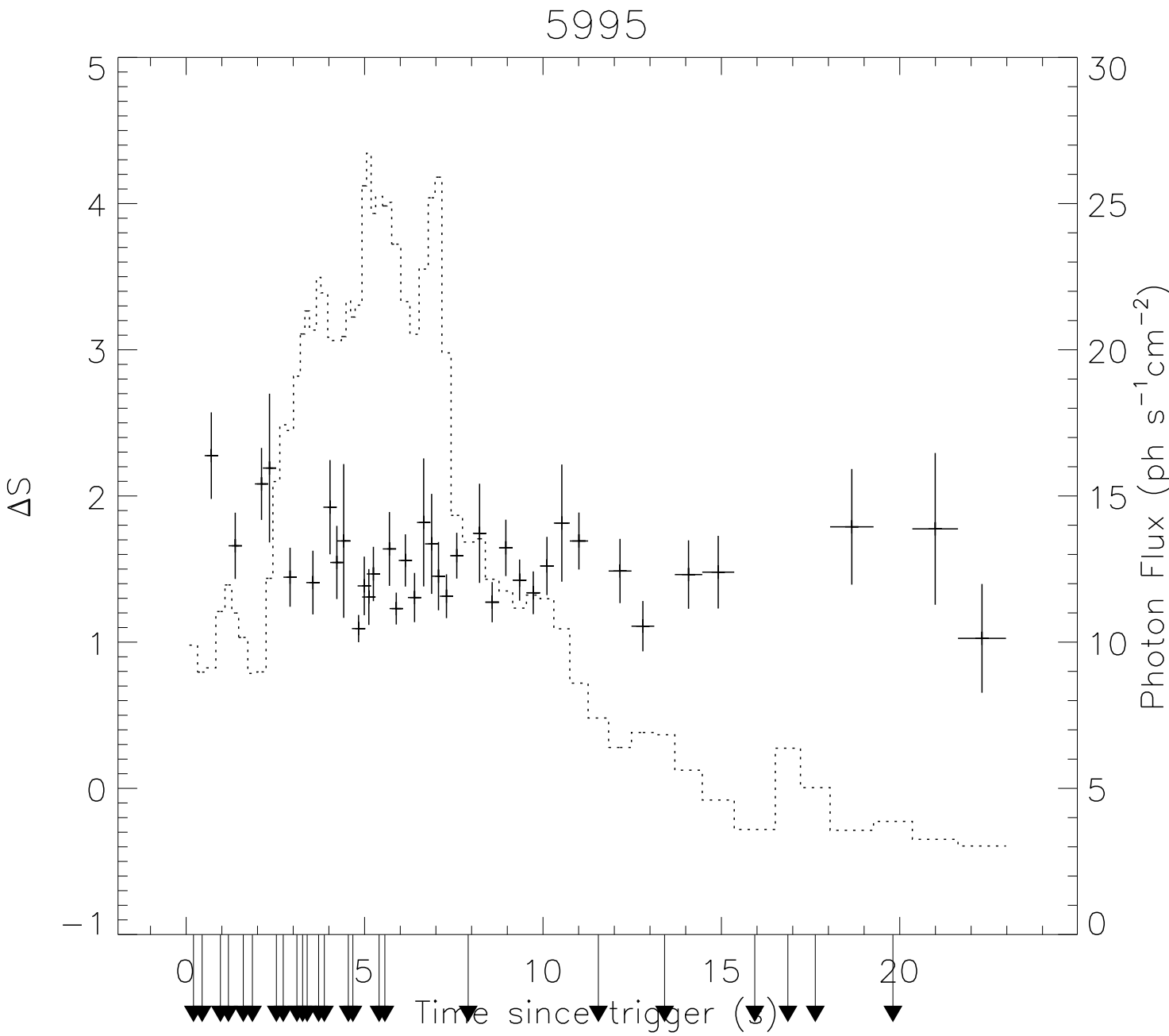

5704
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
0
2
4
6

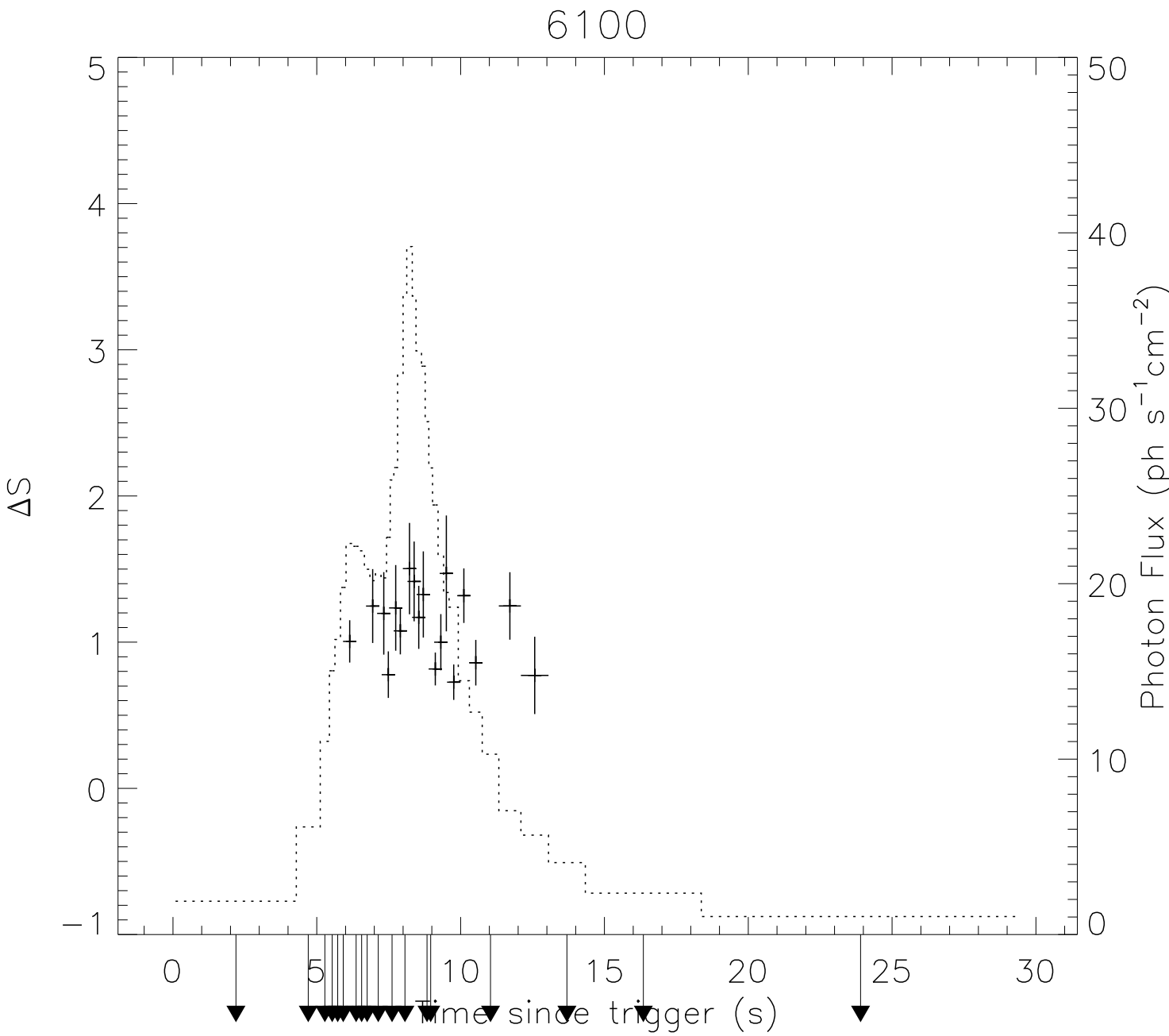

5711
ΔS
Time since trigger (s)
5
4
3
2
1
0
−1
100
80
60
40
20
0
−1
0
1
2
3
4
5

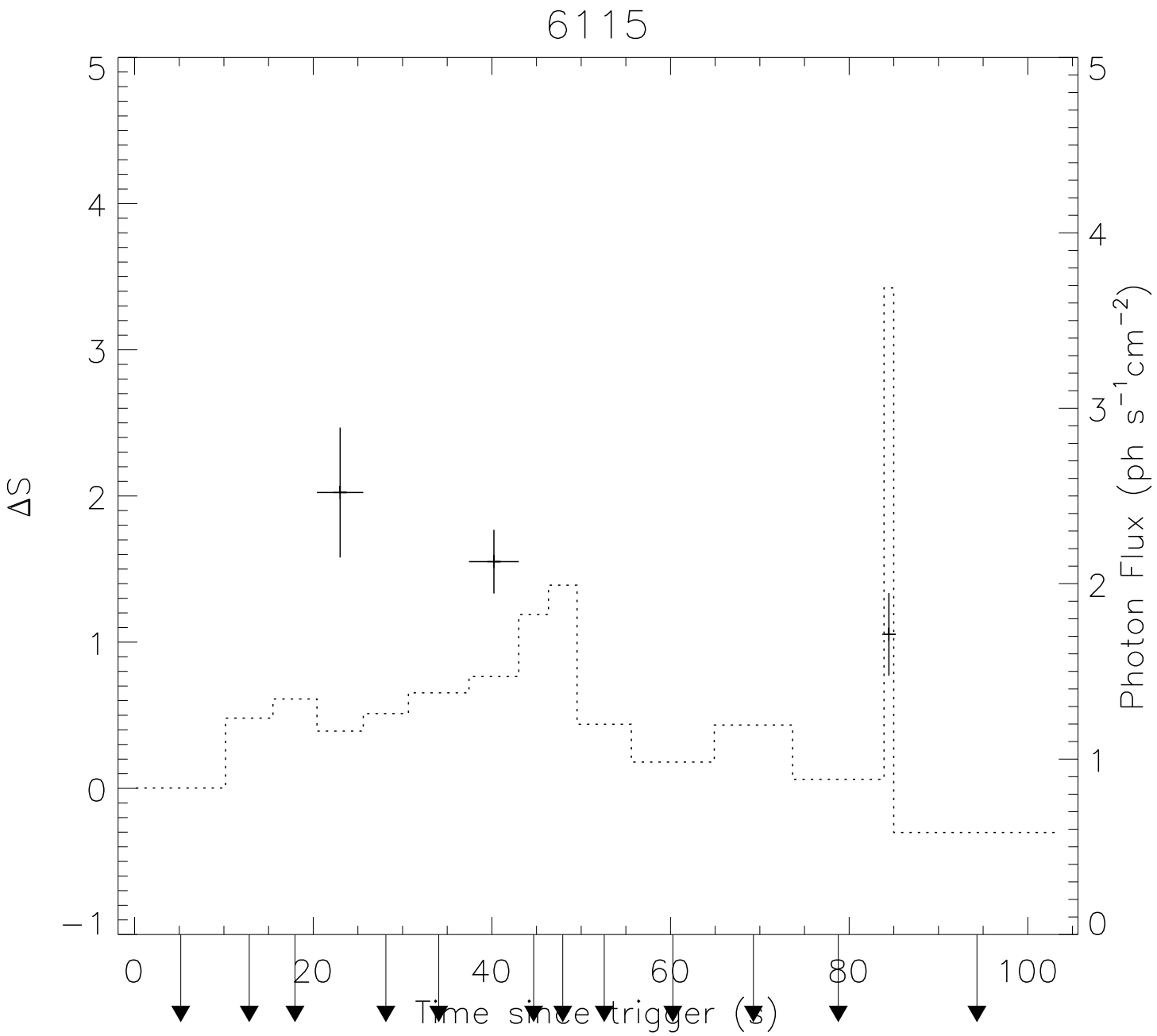

5731
ΔS
Time since trigger (s)
0
10
20
30
40
−1
0
1
2
3
4
5
1.0
1.5
2.0
2.5
3.0
3.5
4.0

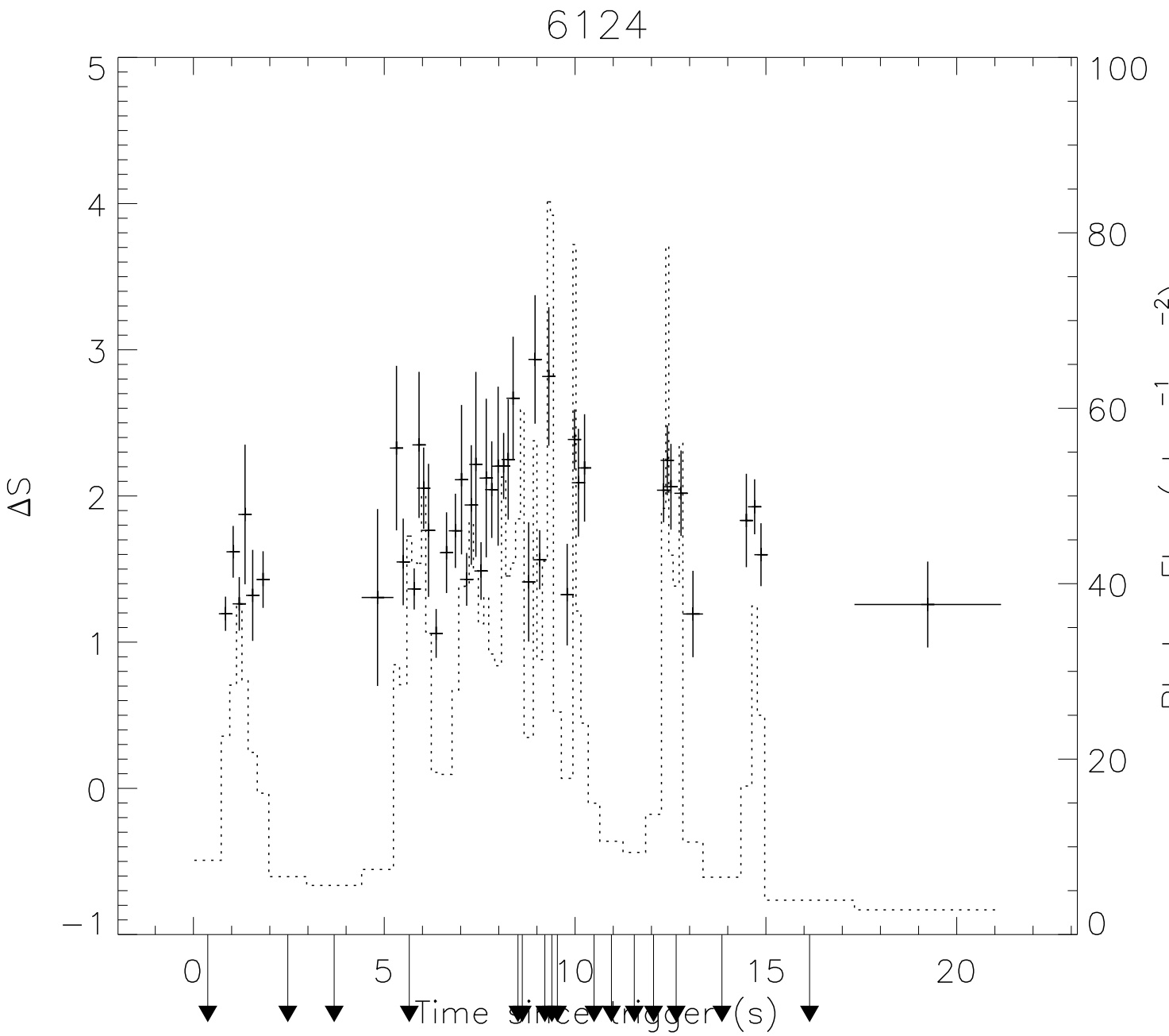

5773
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
5
10
15
20

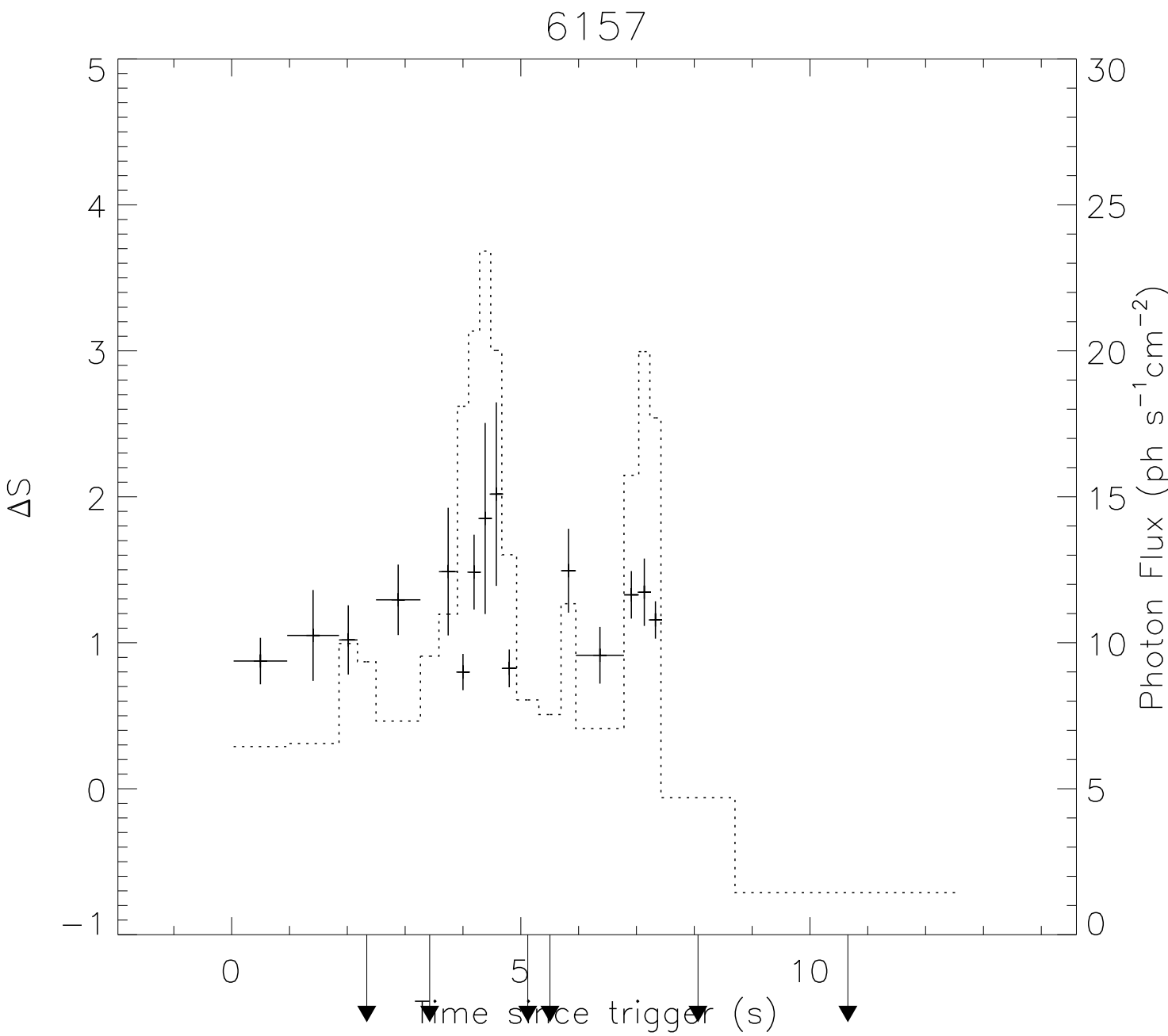

5989
ΔS
Time since trigger (s)
0
5
10
15
20
25
30
−1
0
1
2
3
4
5
0
50
100
150
200
250

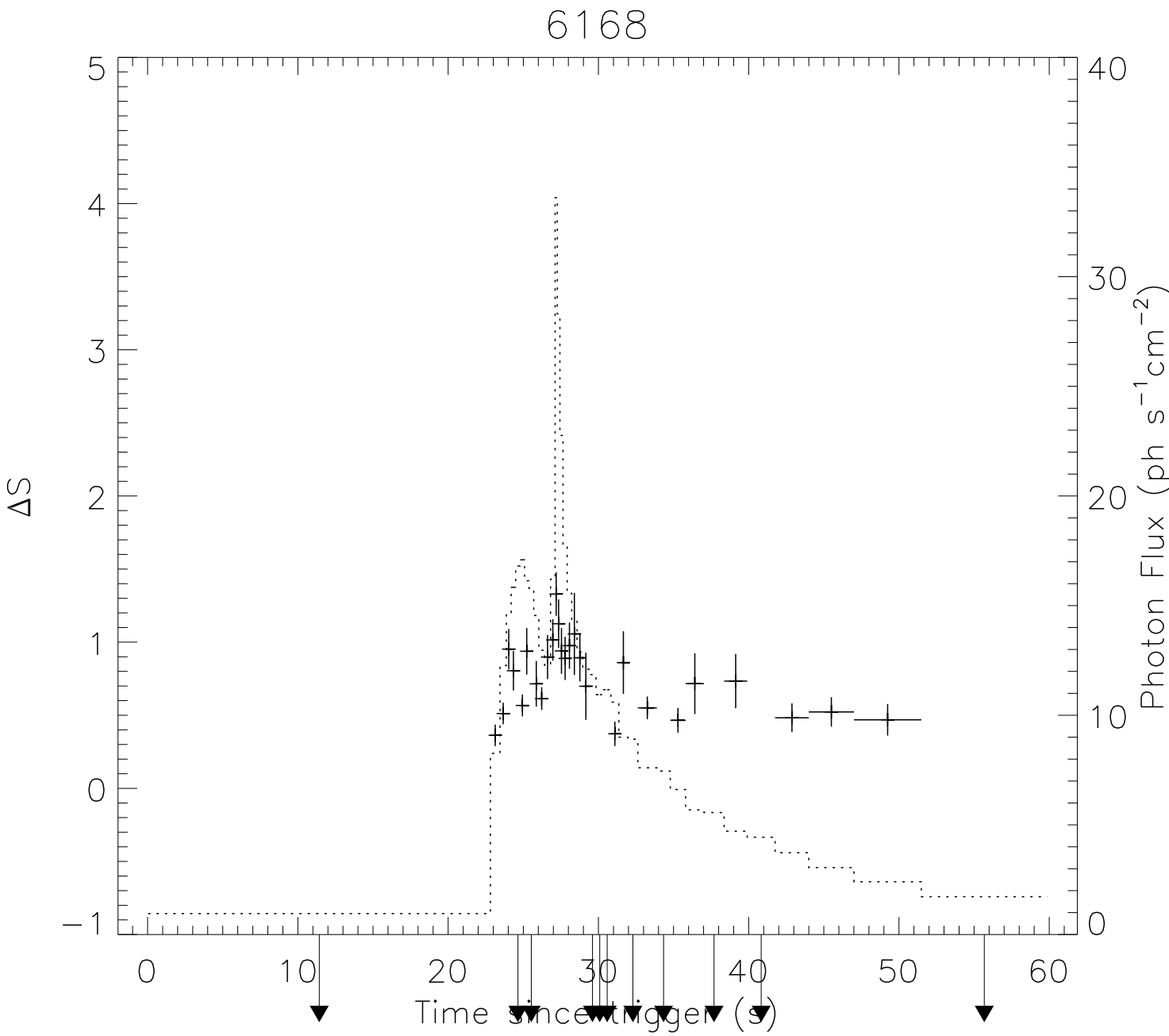

5995
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
5
10
15
20

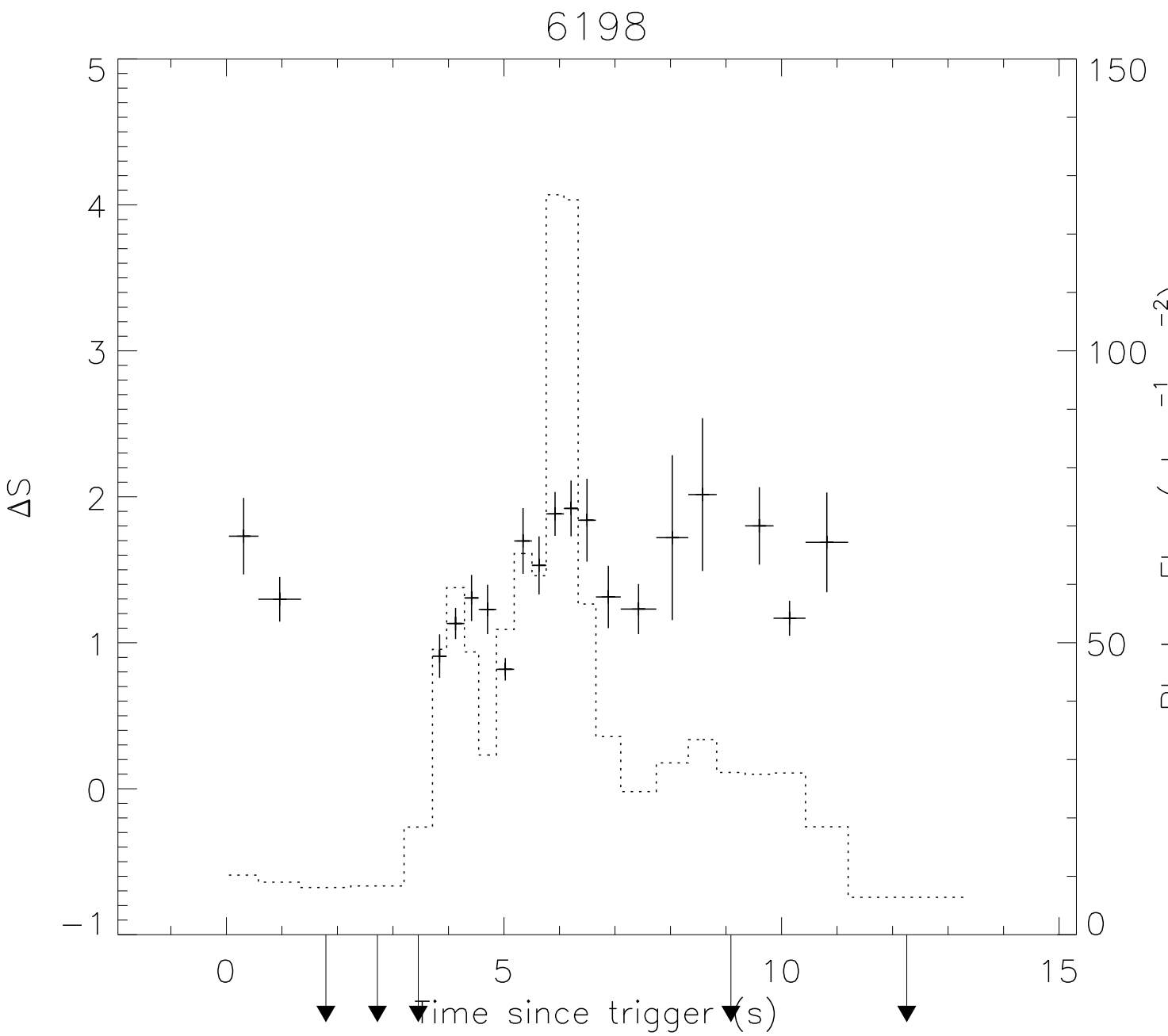

6100
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
5
10
15
20
25
30

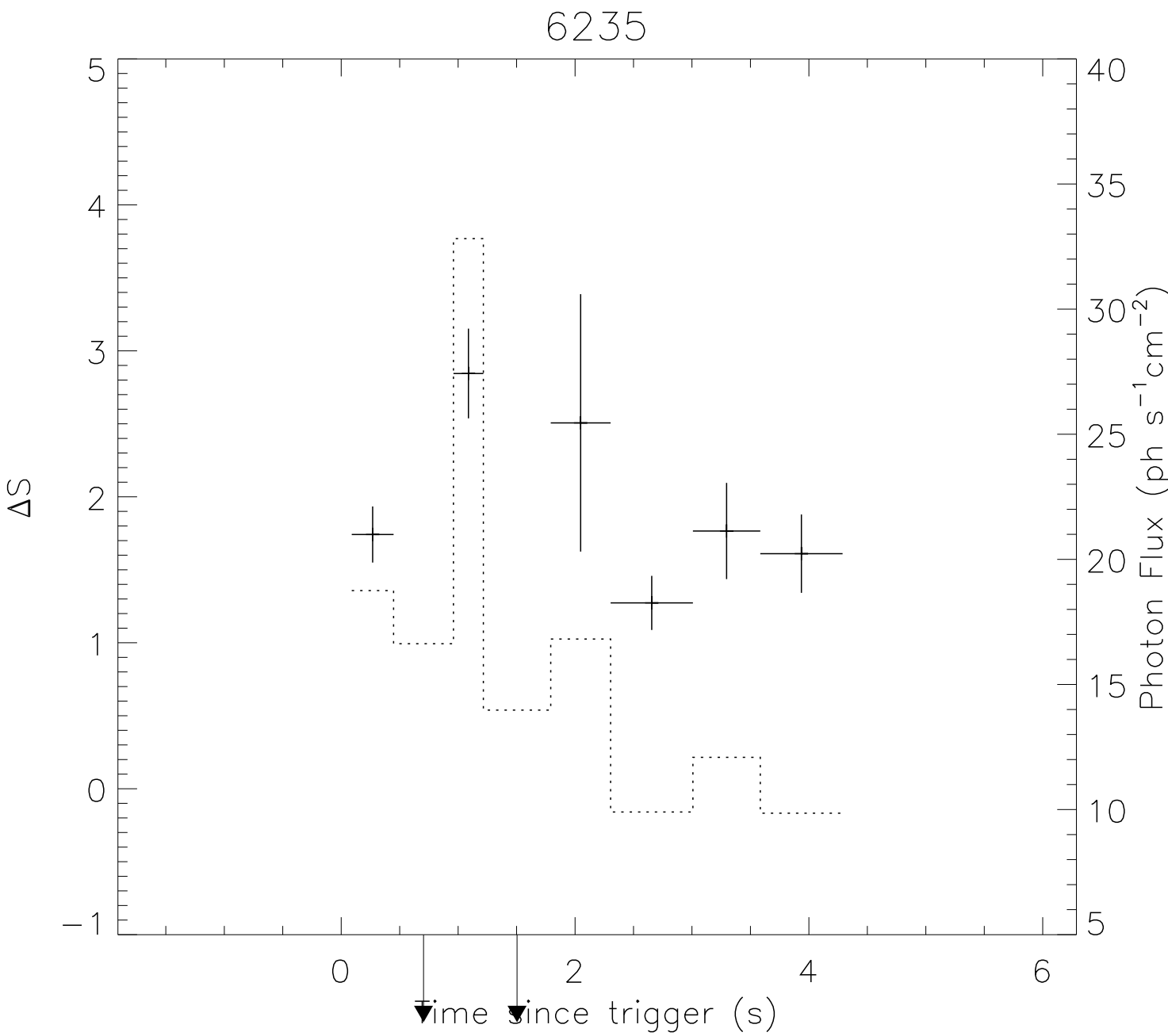

6115
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
100
−1
0
1
2
3
4
5

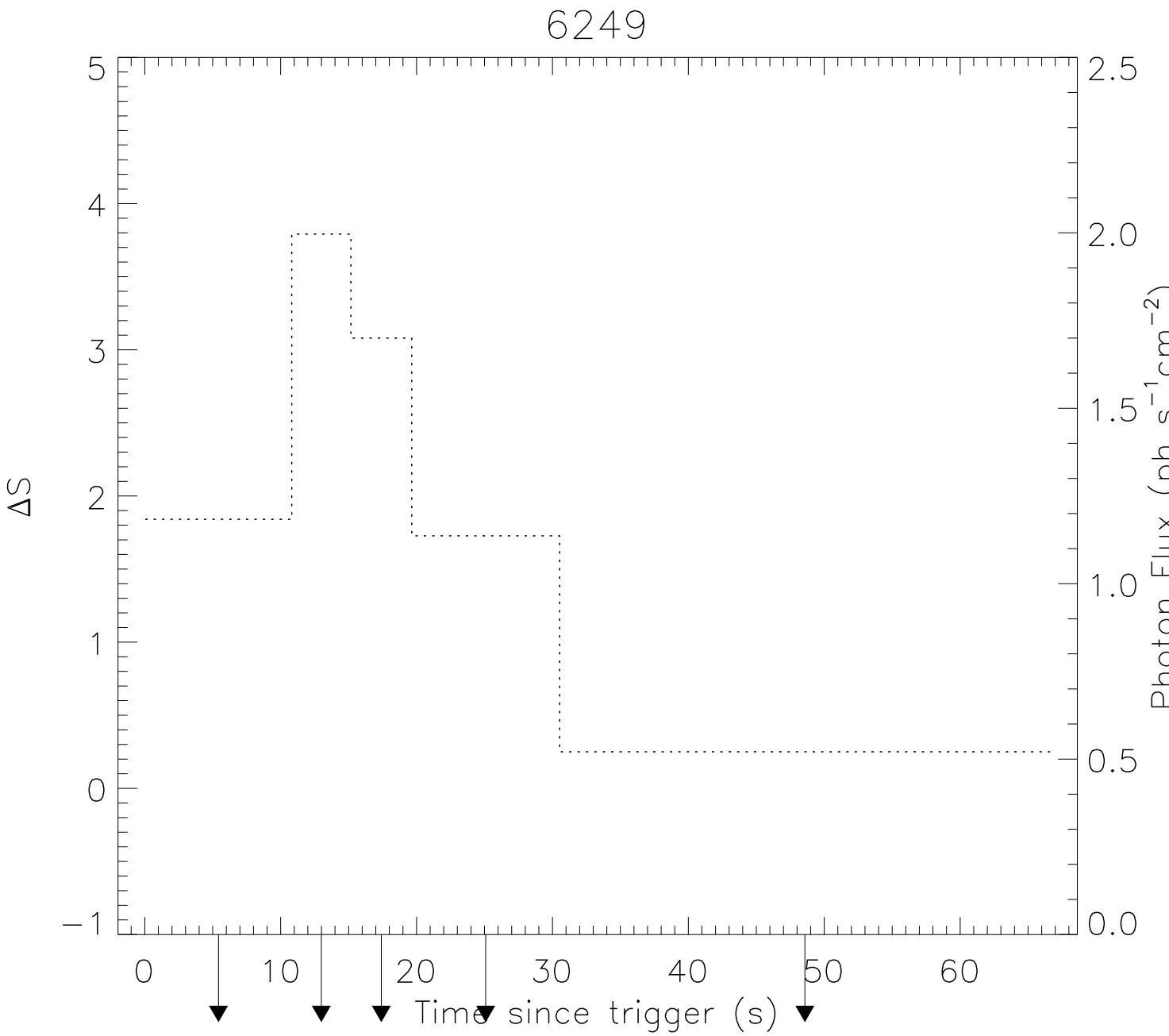

6124
ΔS
Time since trigger (s)
0
5
10
15
20
−1
0
1
2
3
4
5
0
20
40
60
80
100

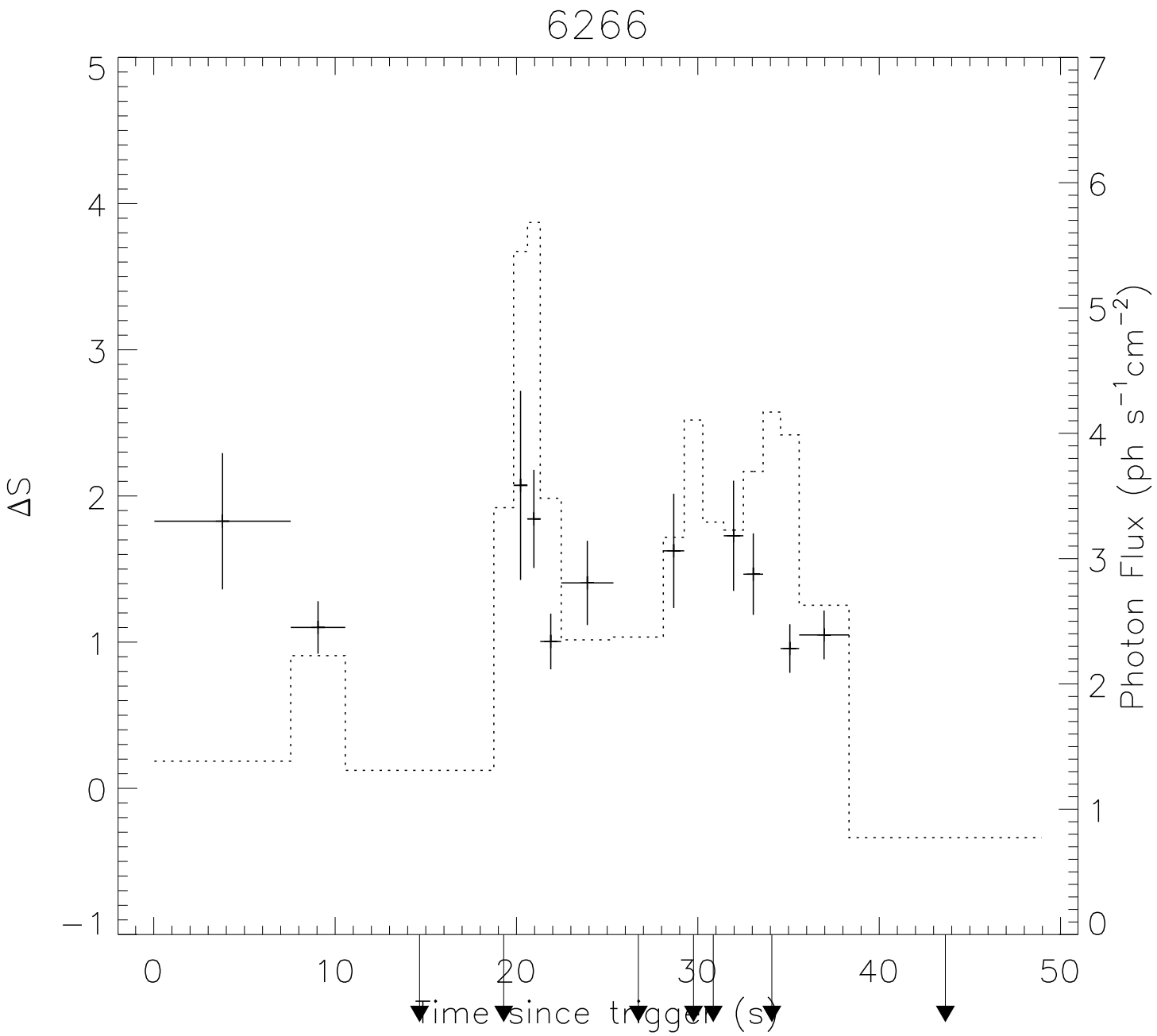

6157
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
5
10

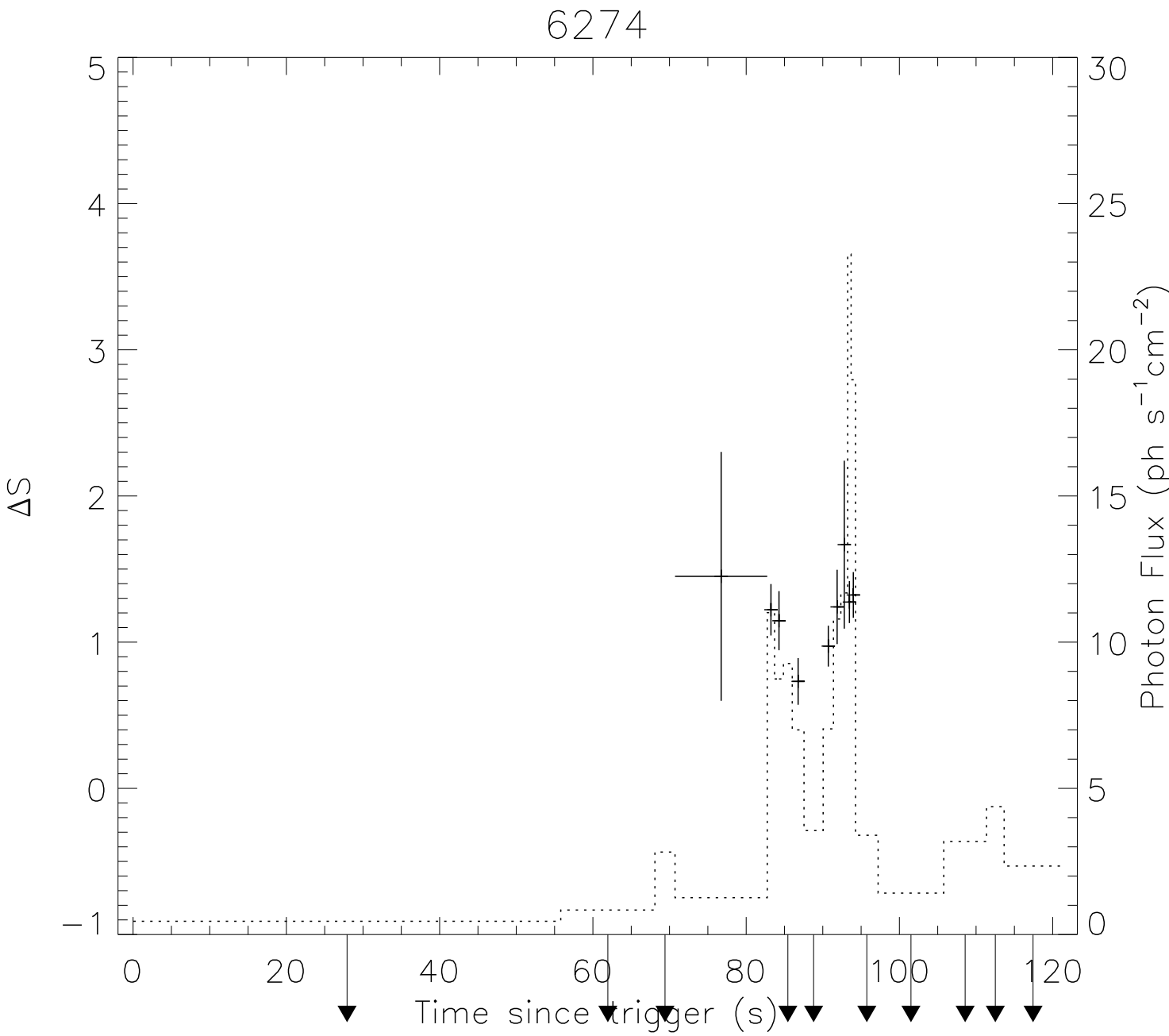

6168
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
10
20
30
40
50
60

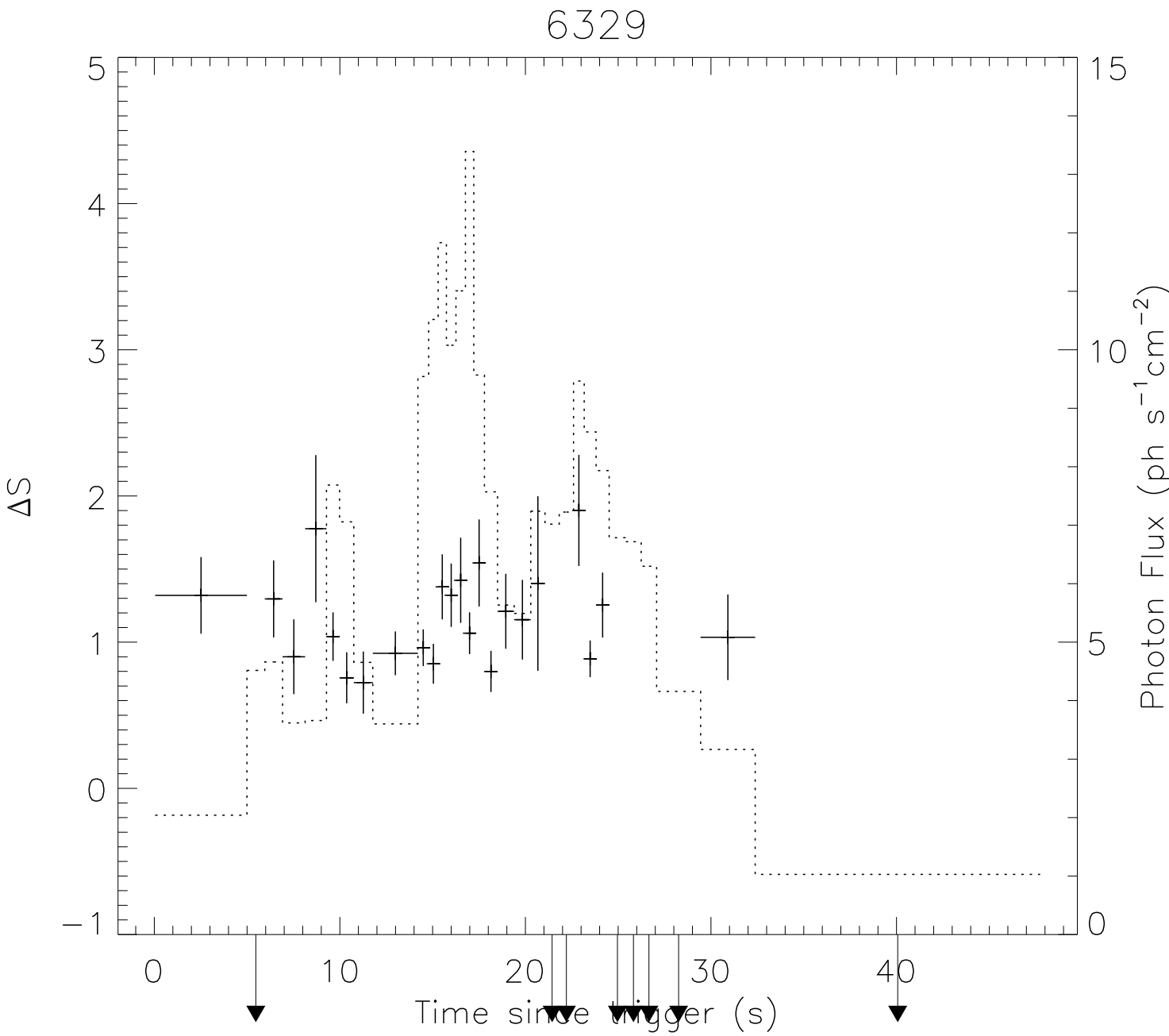

6198
ΔS
Time since trigger (s)
5
4
3
2
1
0
−1
150
100
50
0
0
5
10
15

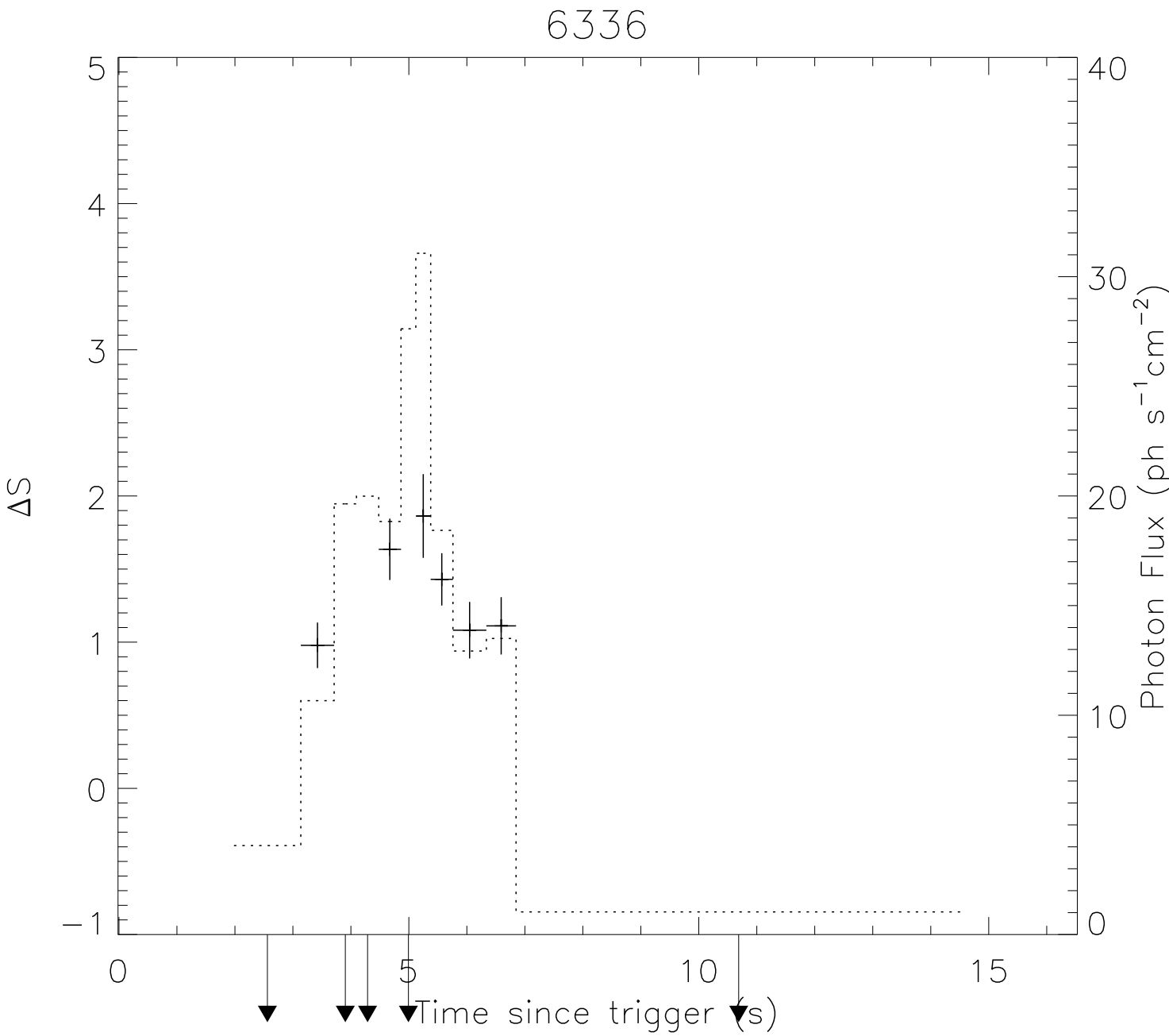

6235
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
35
30
25
20
15
10
5
0
2
4
6

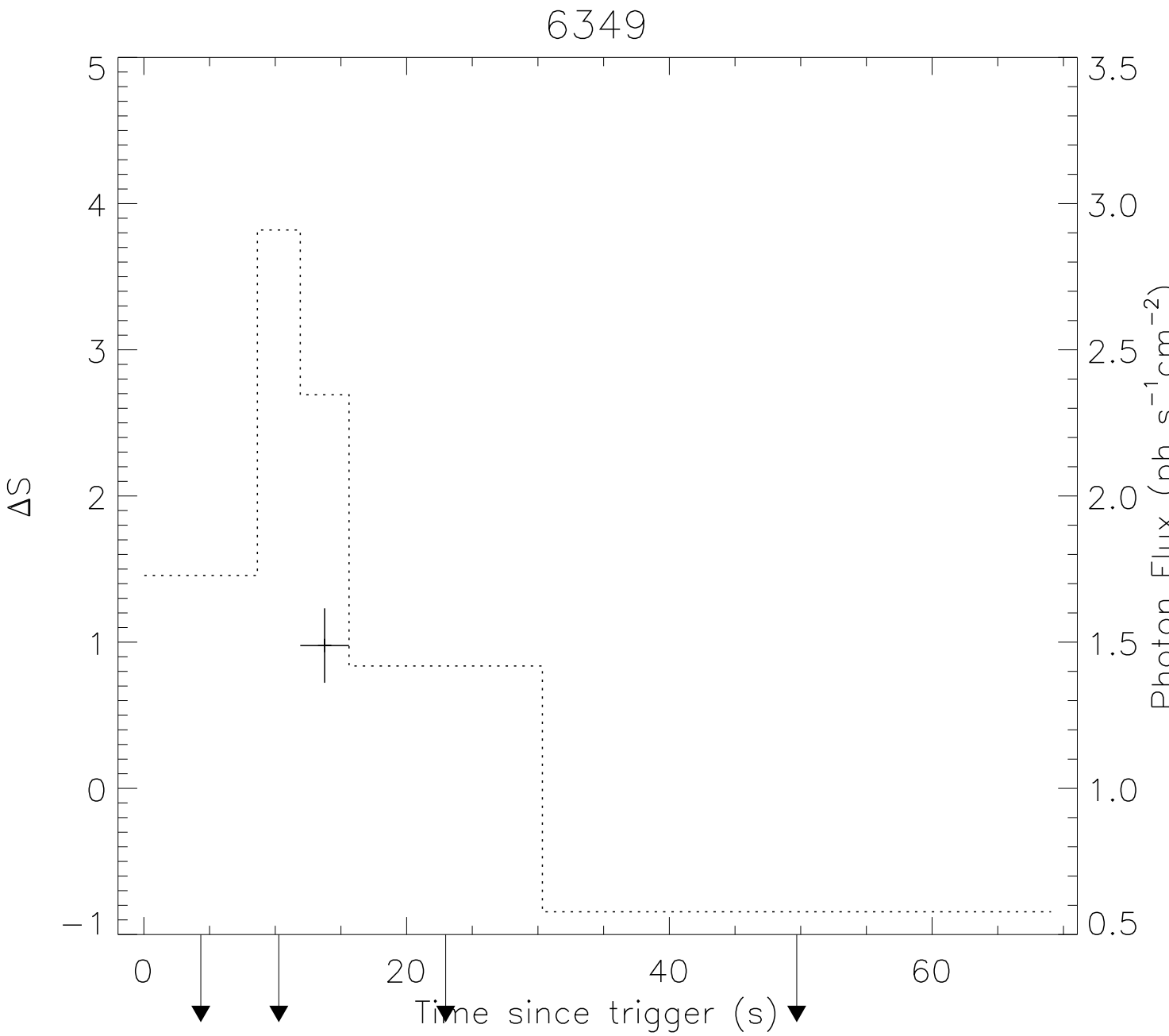

6249
5
4
3
2
1
0
−1
ΔS
2.5
2.0
1.5
1.0
0.5
0.0
0
10
20
30
40
50
60
Time since trigger (s)

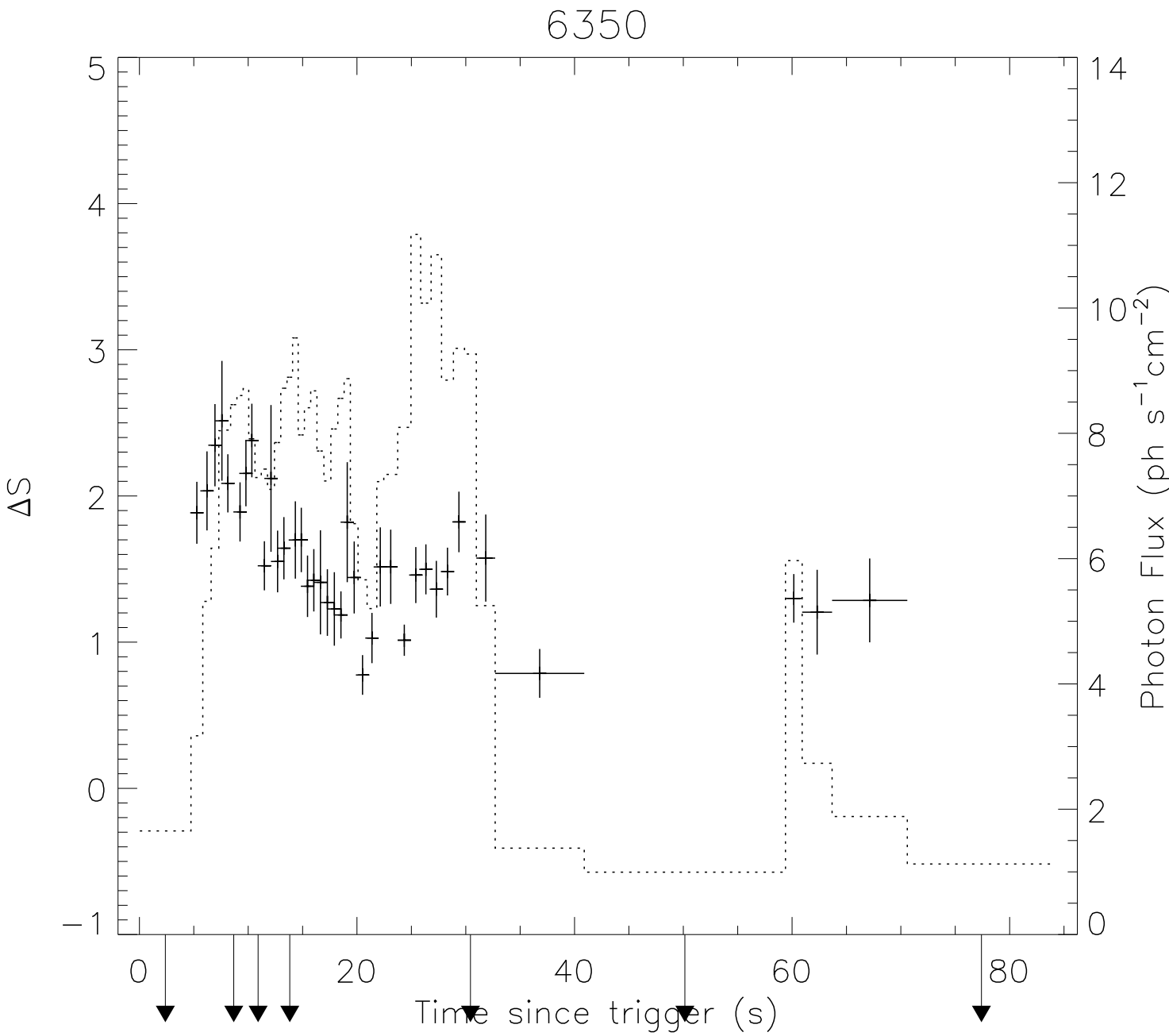

6266
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
7
6
5
4
3
2
1
0
0
10
20
30
40
50

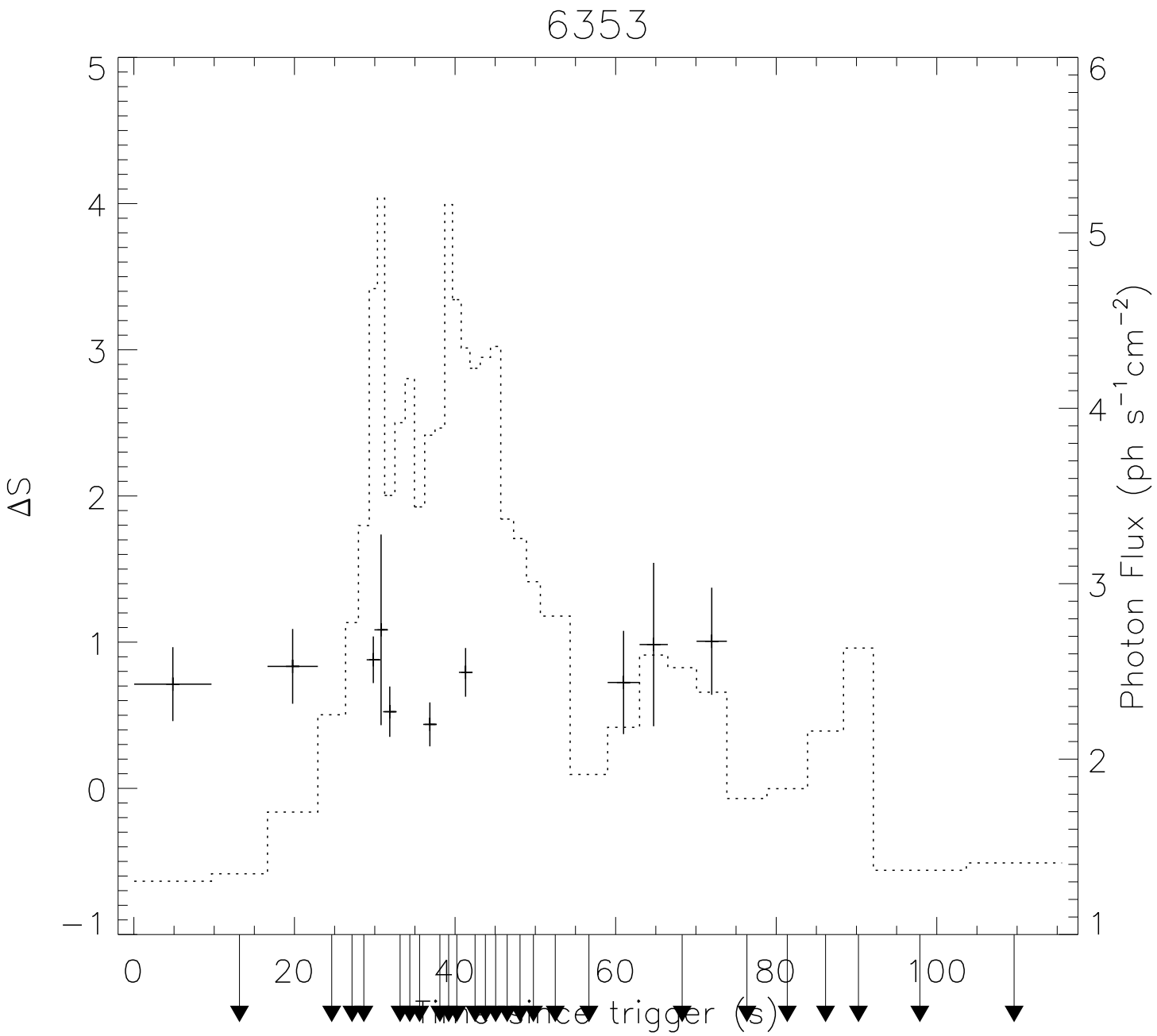

6274
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
100
120
−1
0
1
2
3
4
5
0
5
10
15
20
25
30

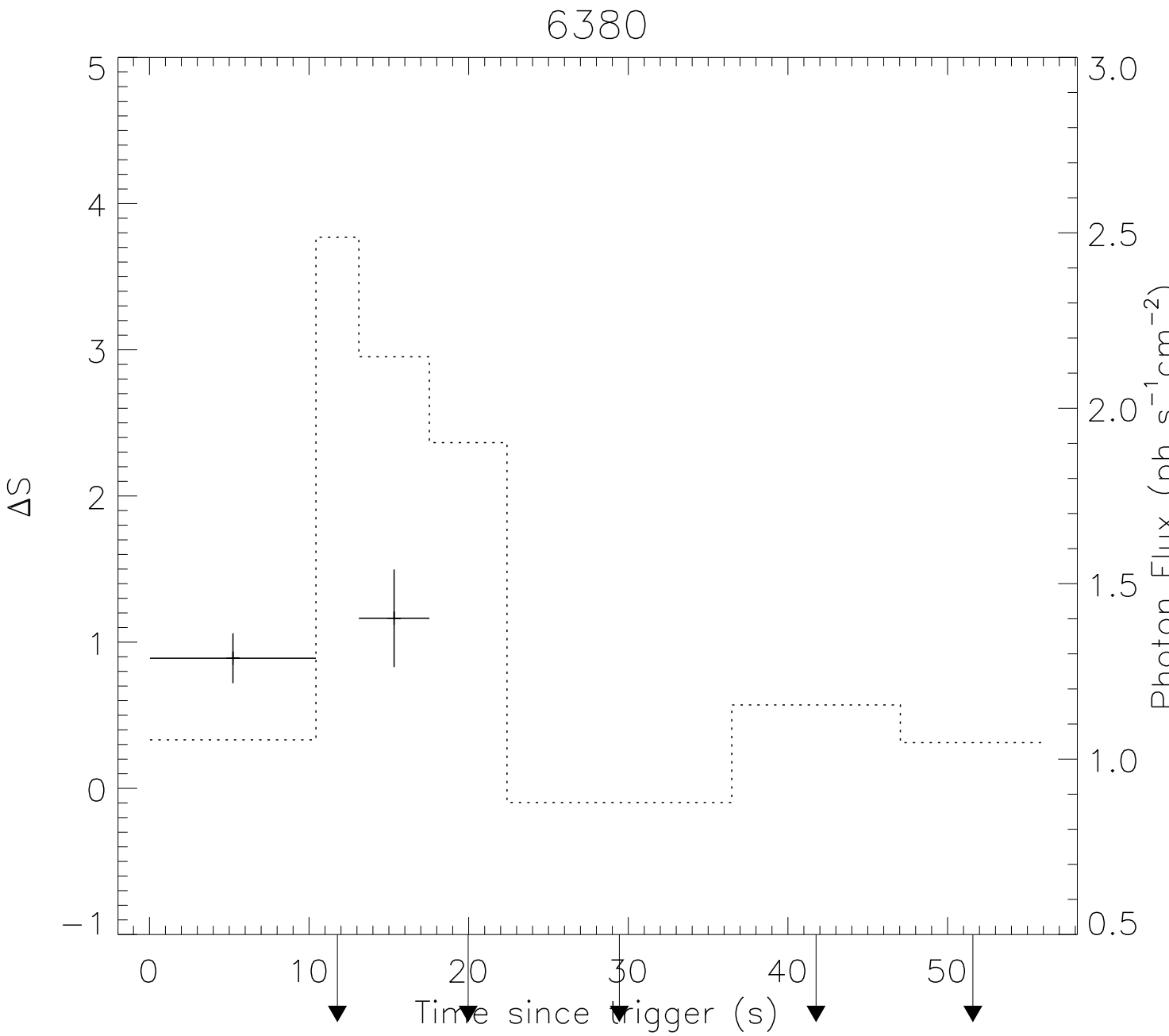

6329
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
15
10
5
0
0
10
20
30
40

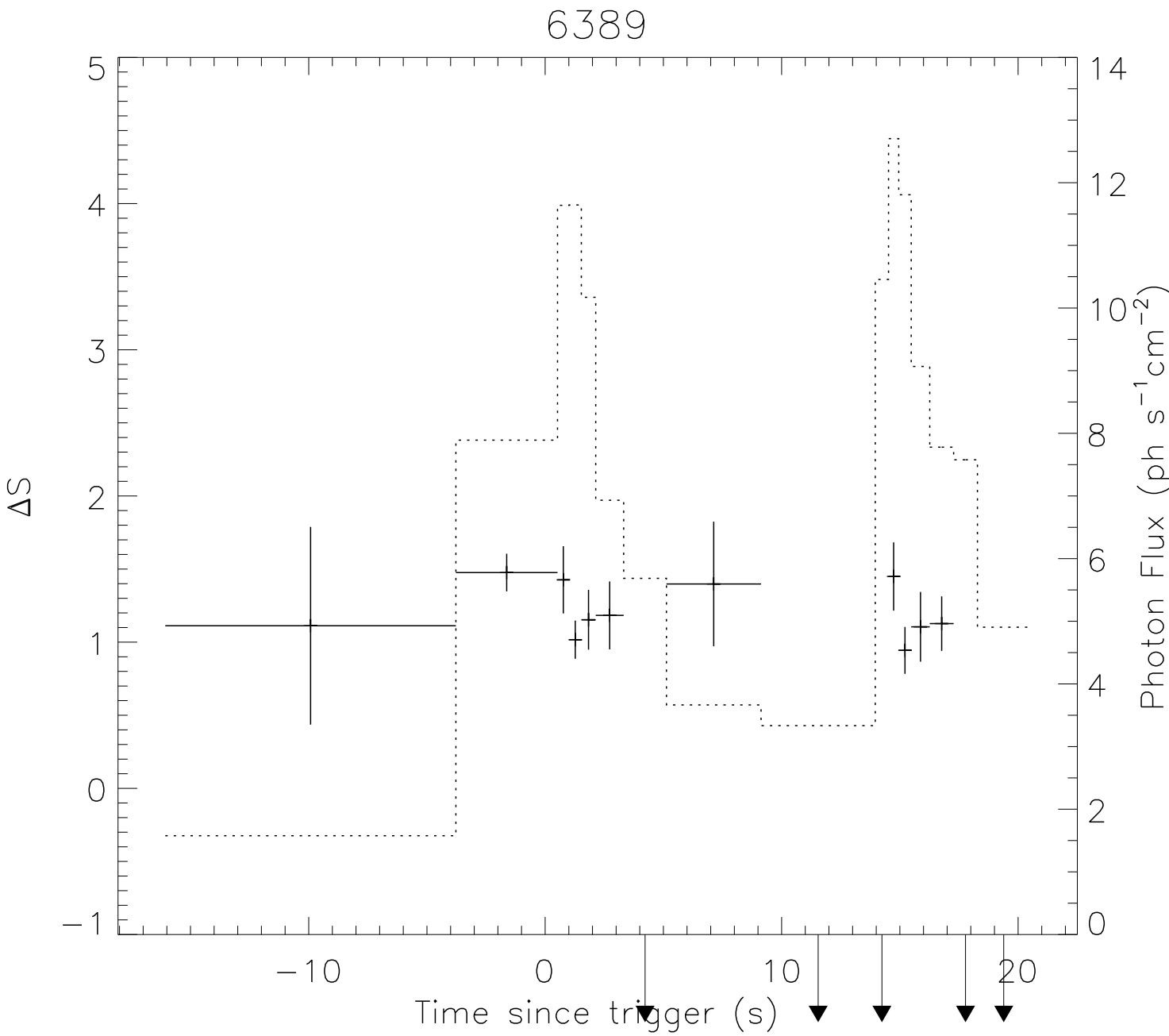

6336
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
5
10
15

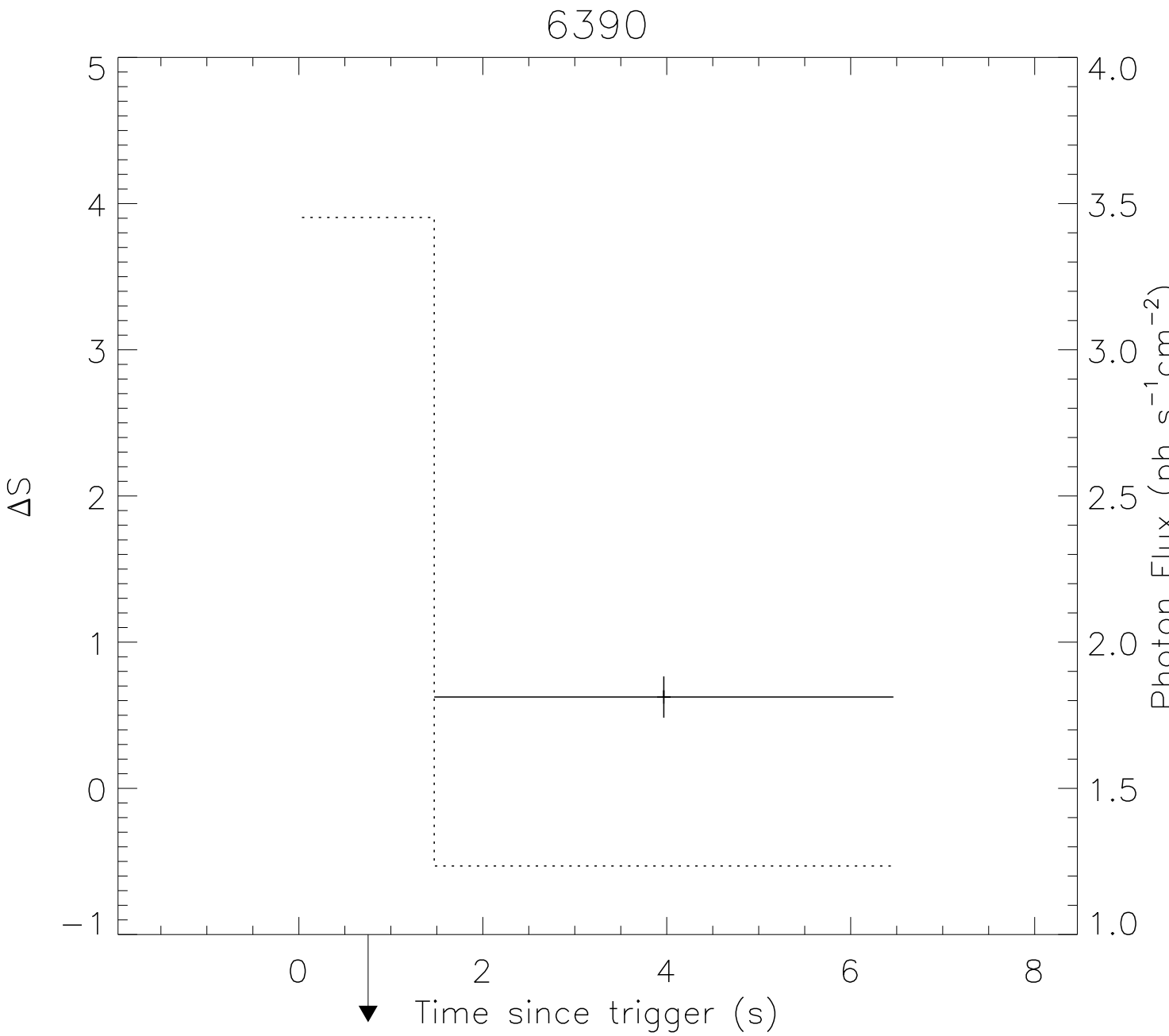

6349
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
20
40
60

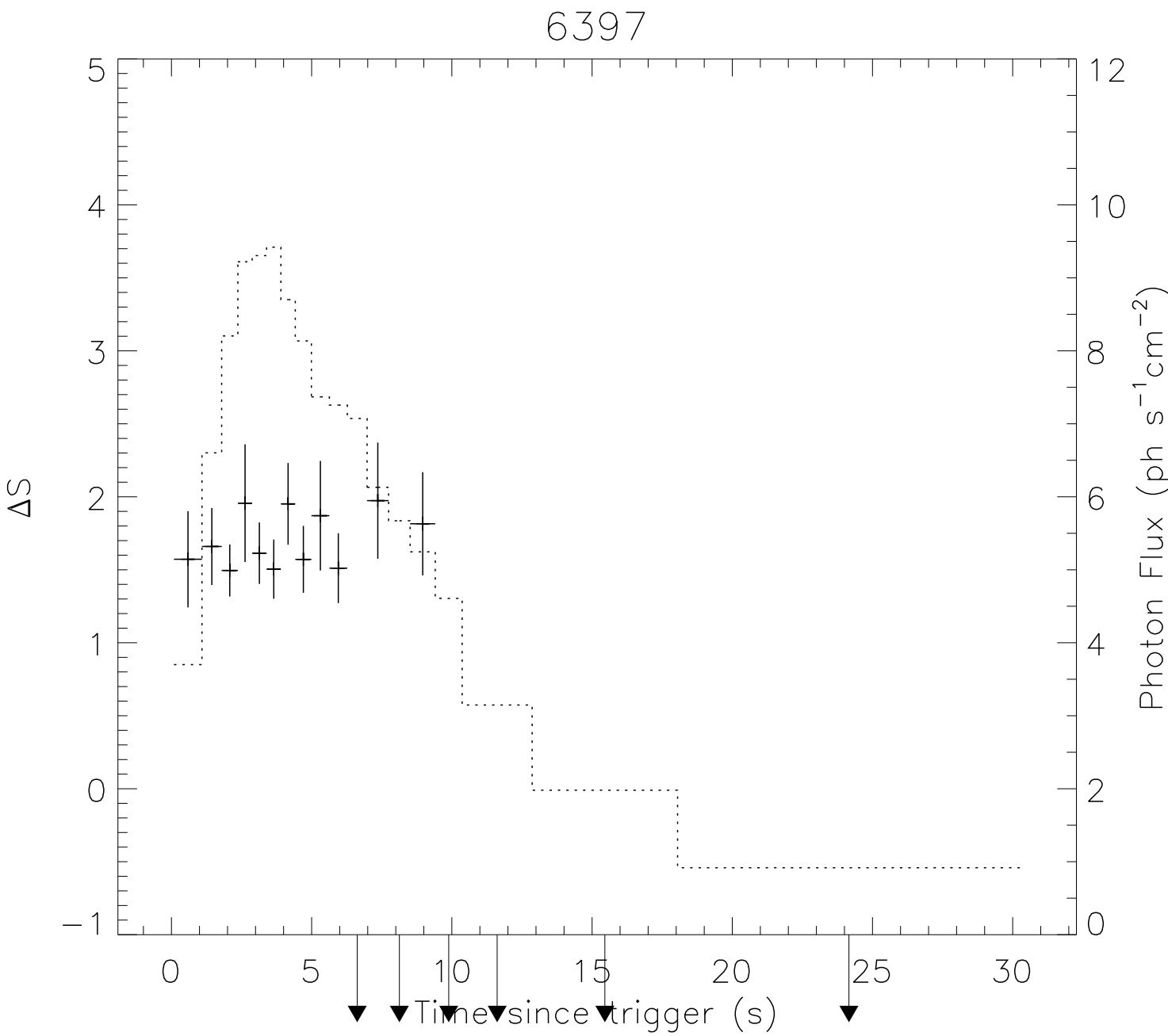

6350
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
14
12
10
8
6
4
2
0
0
20
40
60
80

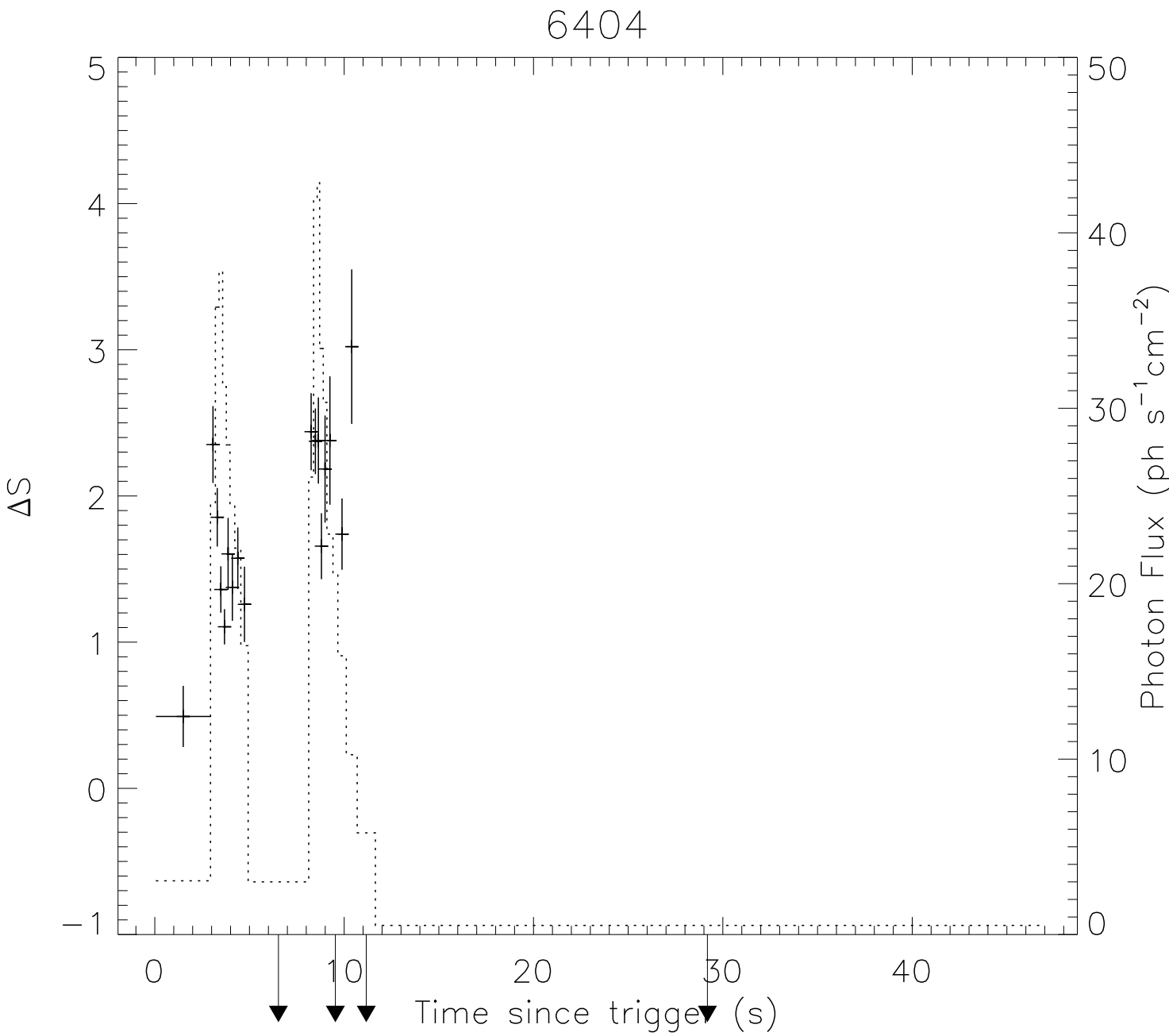

6353
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
100
−1
0
1
2
3
4
5
1
2
3
4
5
6

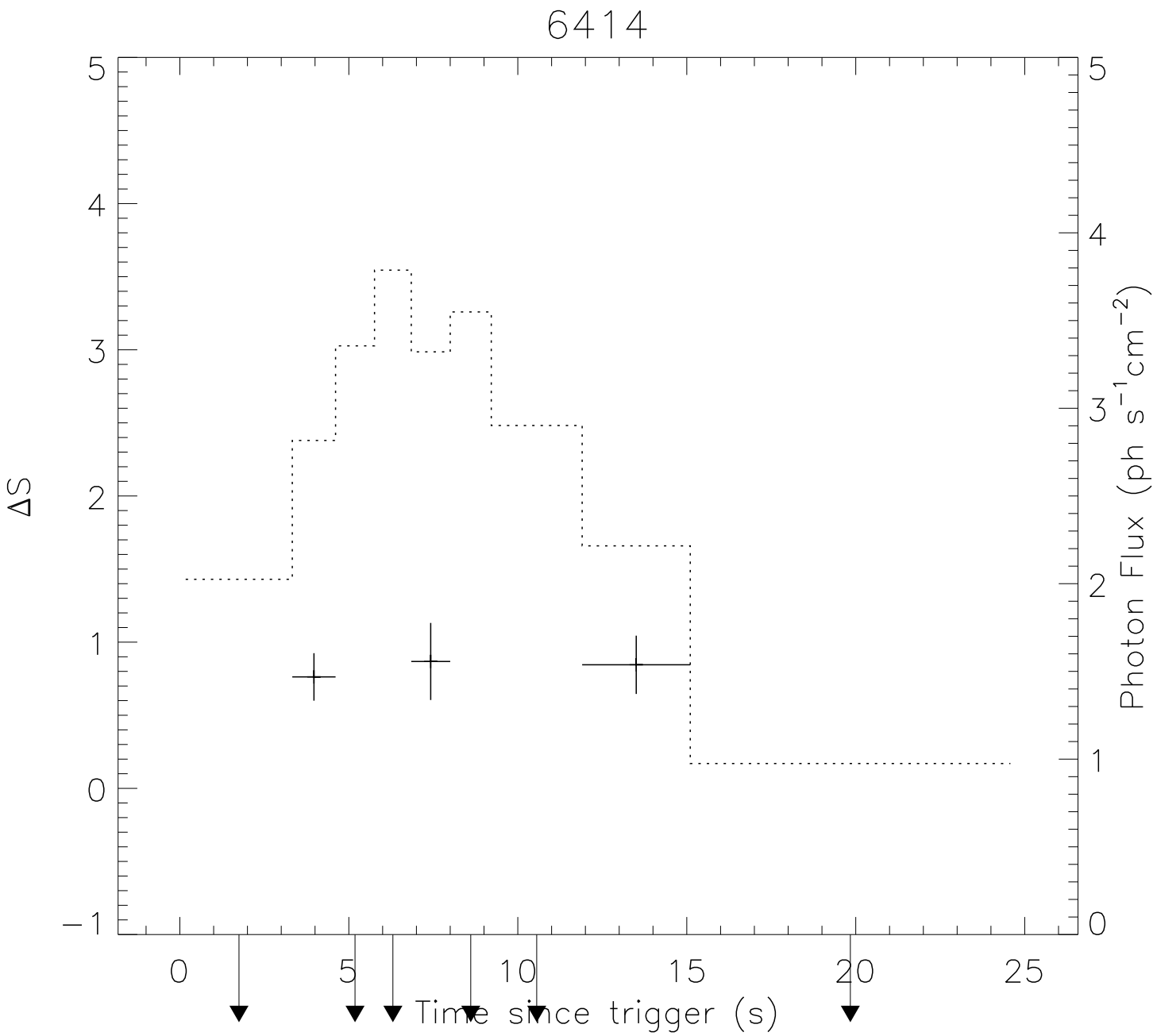

6380
5
4
3
2
1
0
−1
ΔS
3.0
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40
50
Time since trigger (s)

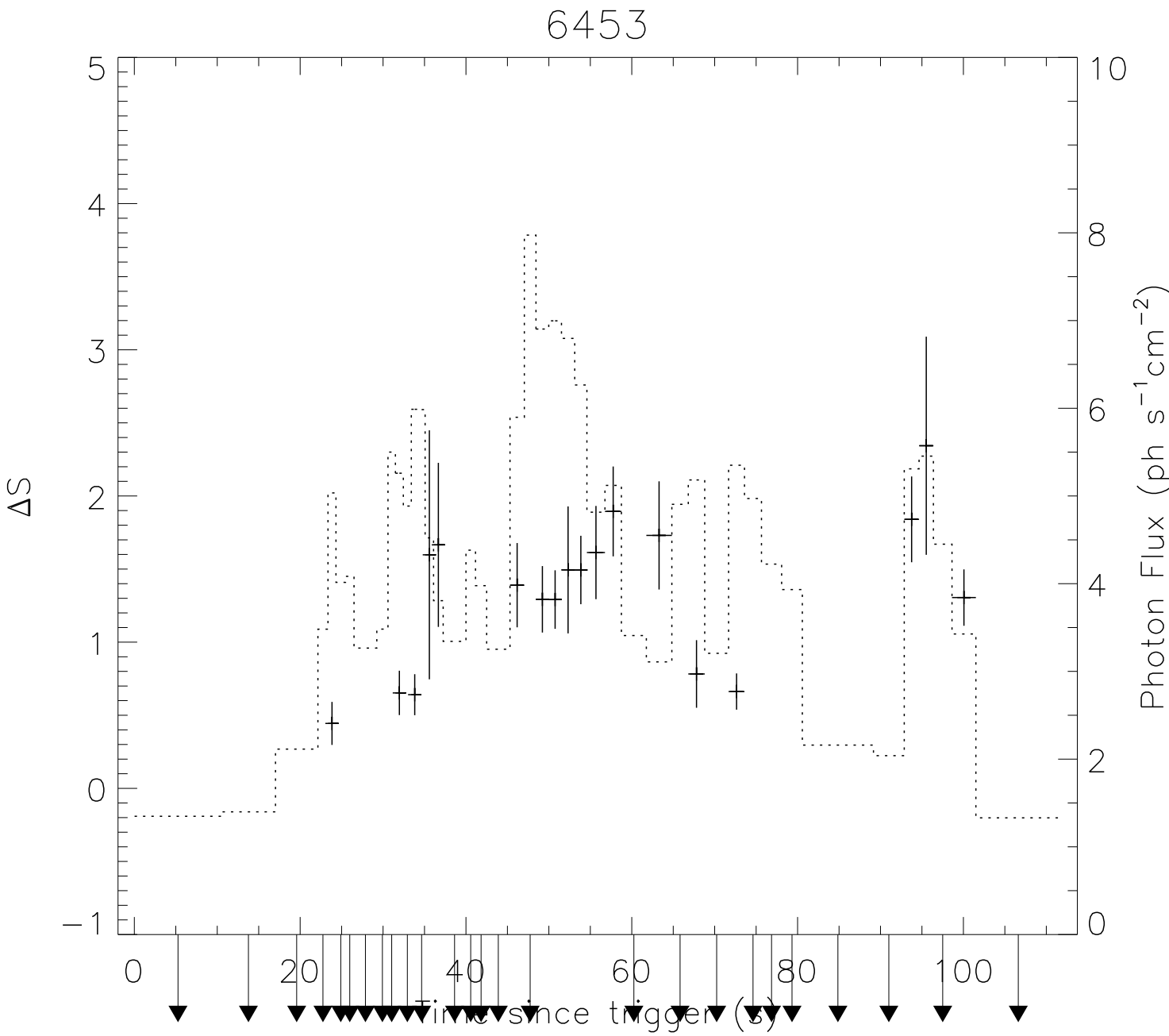

6389
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
−10
0
10
20
−1
0
1
2
3
4
5
0
2
4
6
8
10
12
14

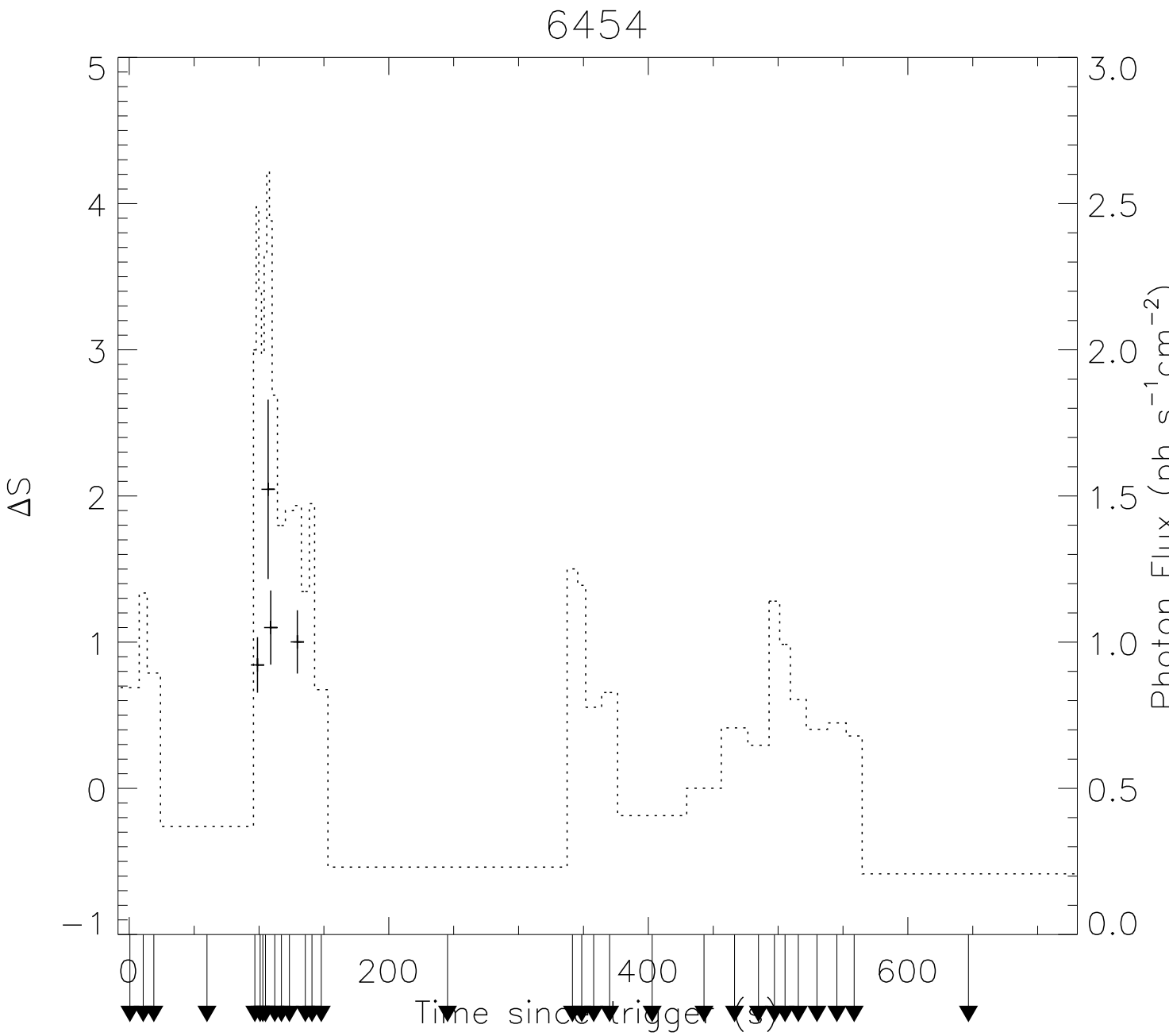

6390
ΔS
Time since trigger (s)
5
4
3
2
1
0
−1
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
2
4
6
8

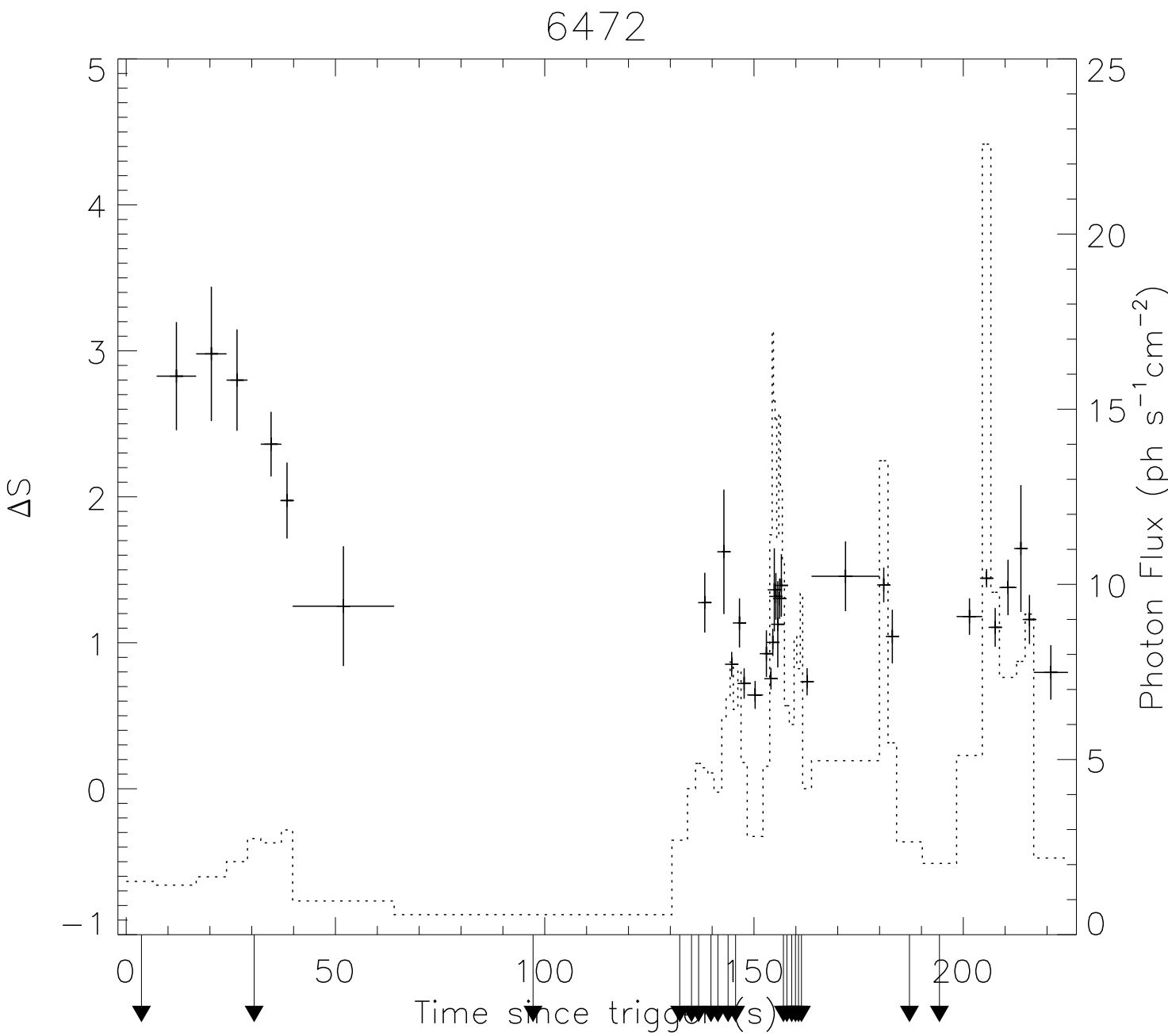

6397
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
12
10
8
6
4
2
0
0
5
10
15
20
25
30

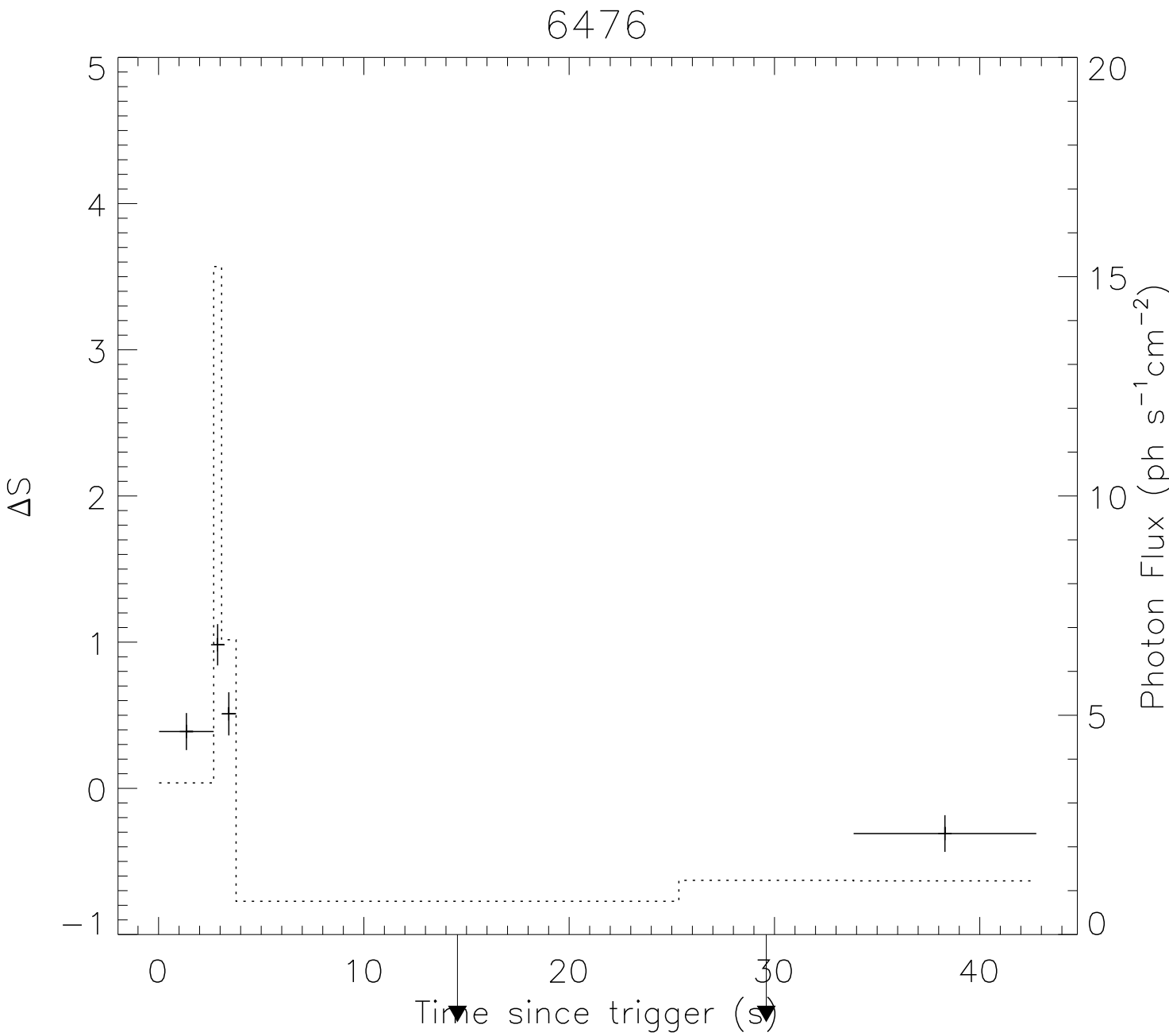

6404
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
10
20
30
40

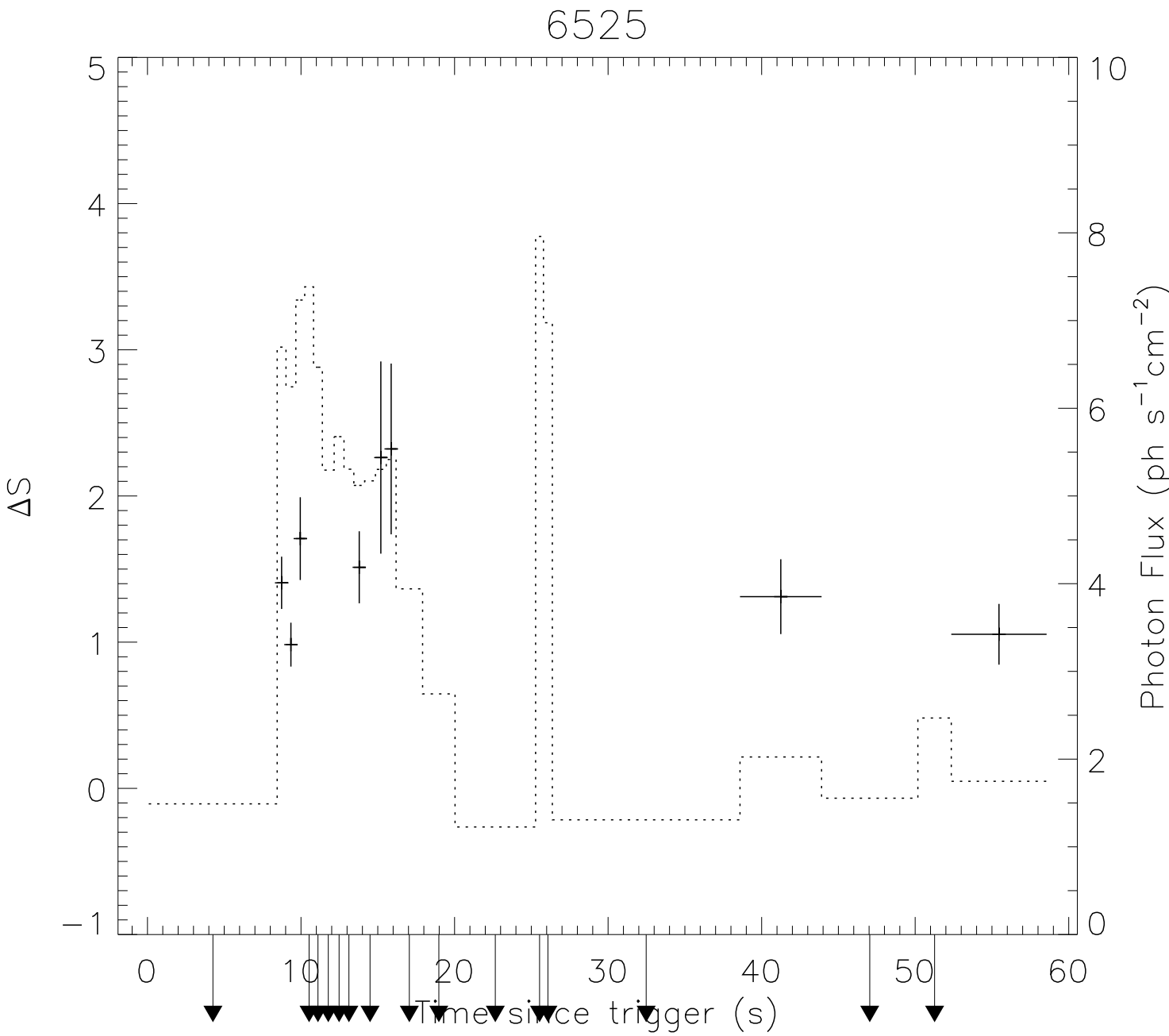

6414
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
0
5
10
15
20
25

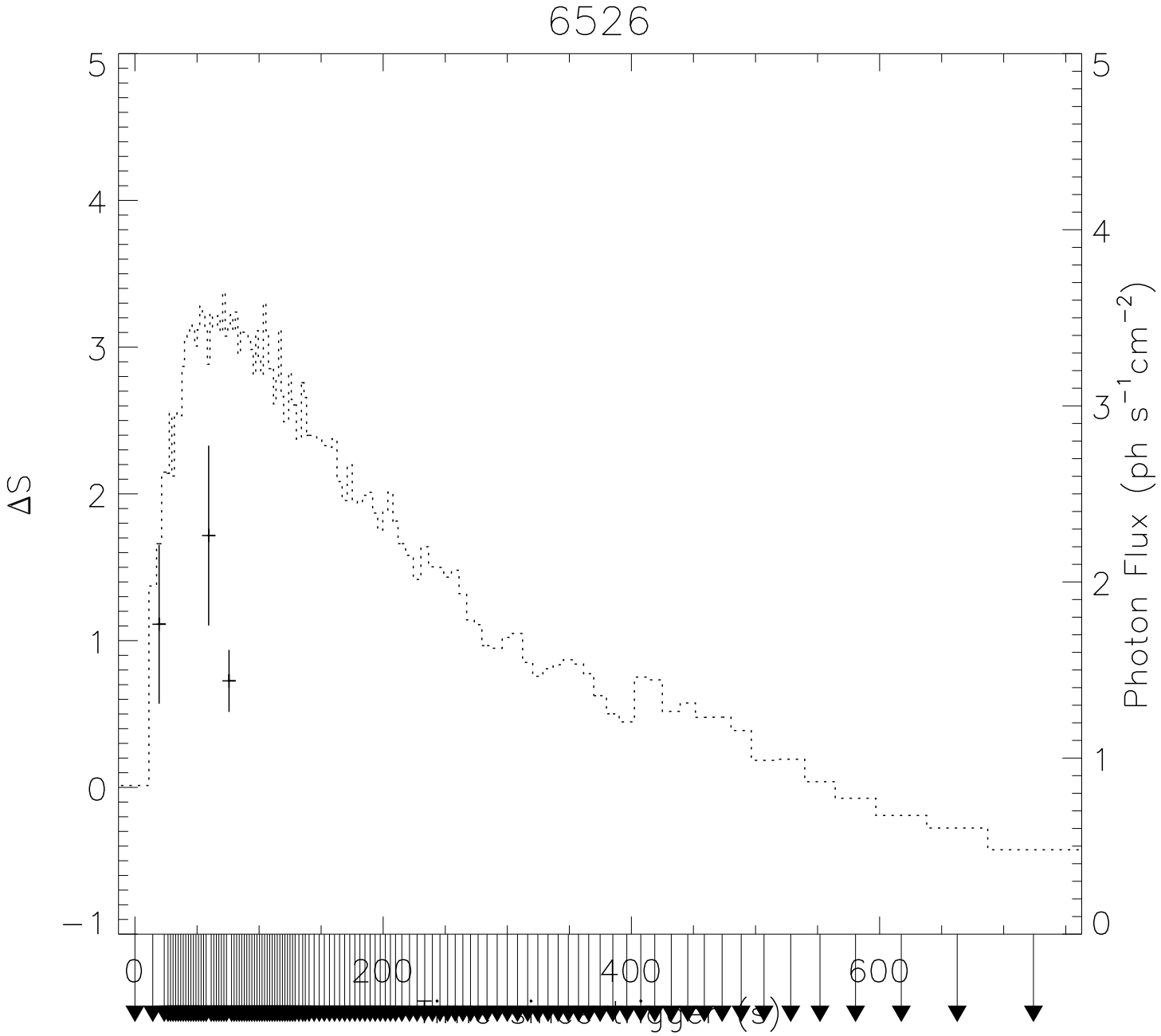

6453
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
100
−1
0
1
2
3
4
5
0
2
4
6
8
10

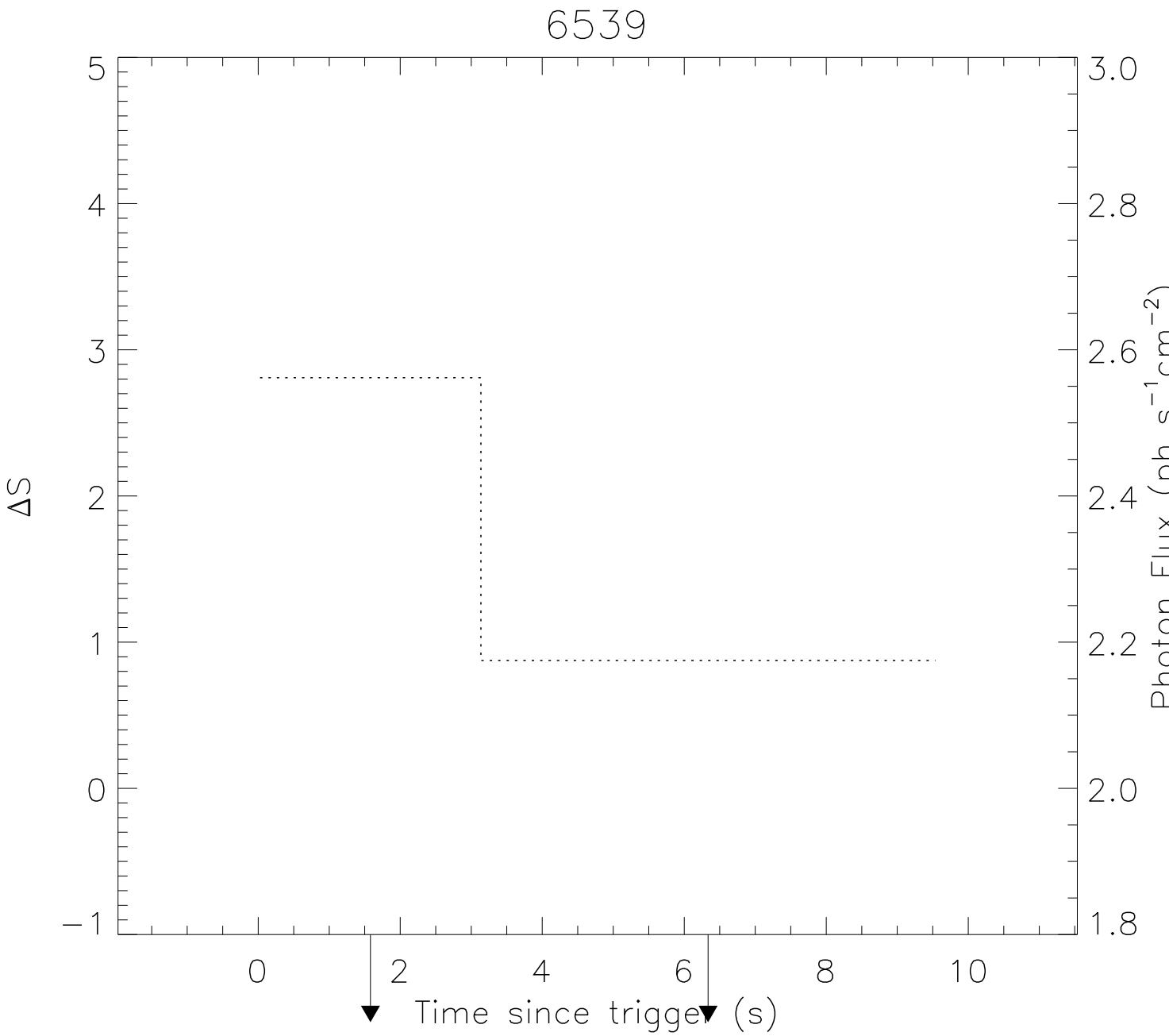

6454
ΔS
Time since trigger (s)
0
200
400
600
5
4
3
2
1
0
−1
3.0
2.5
2.0
1.5
1.0
0.5
0.0

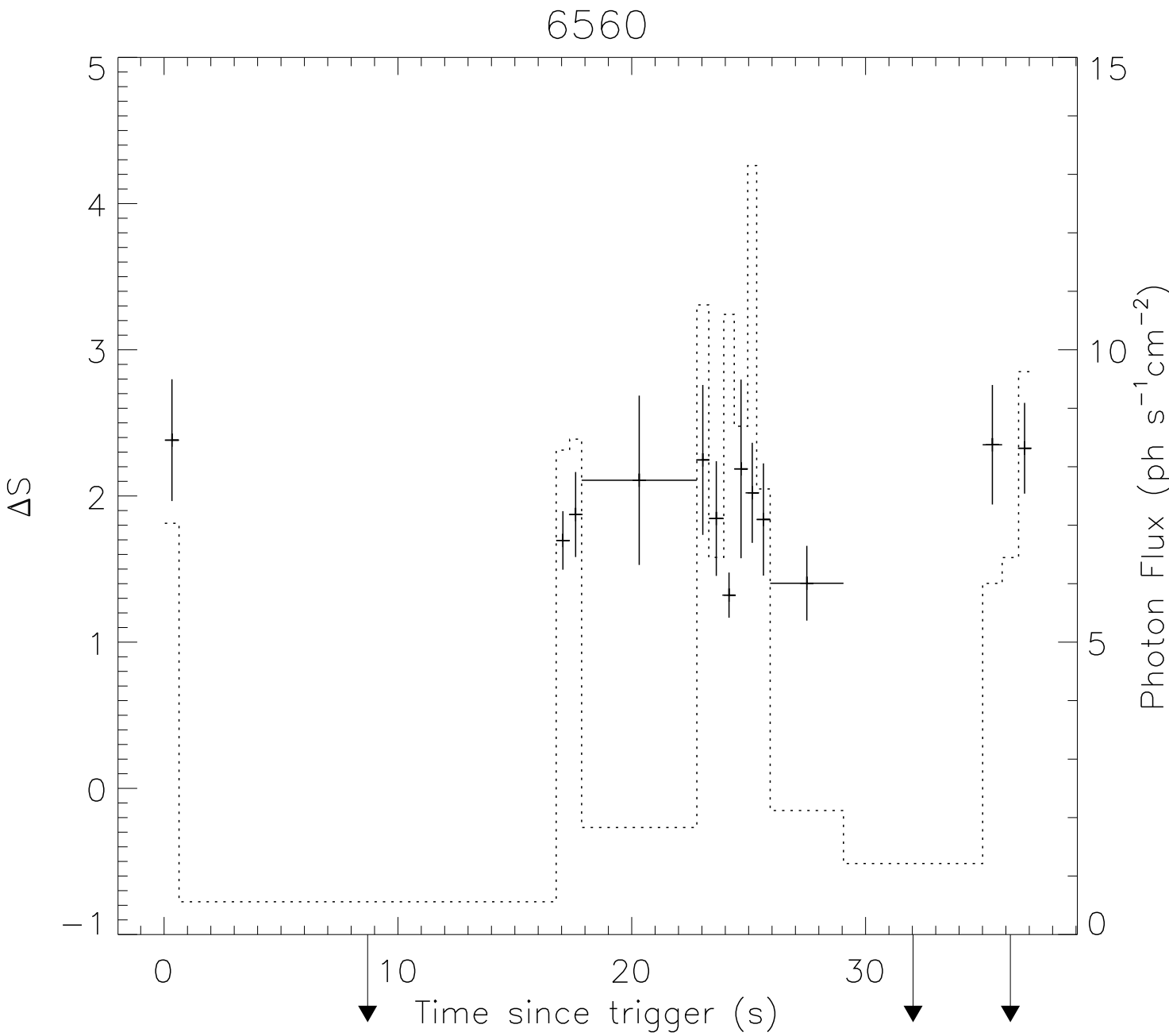

6472
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
50
100
150
200

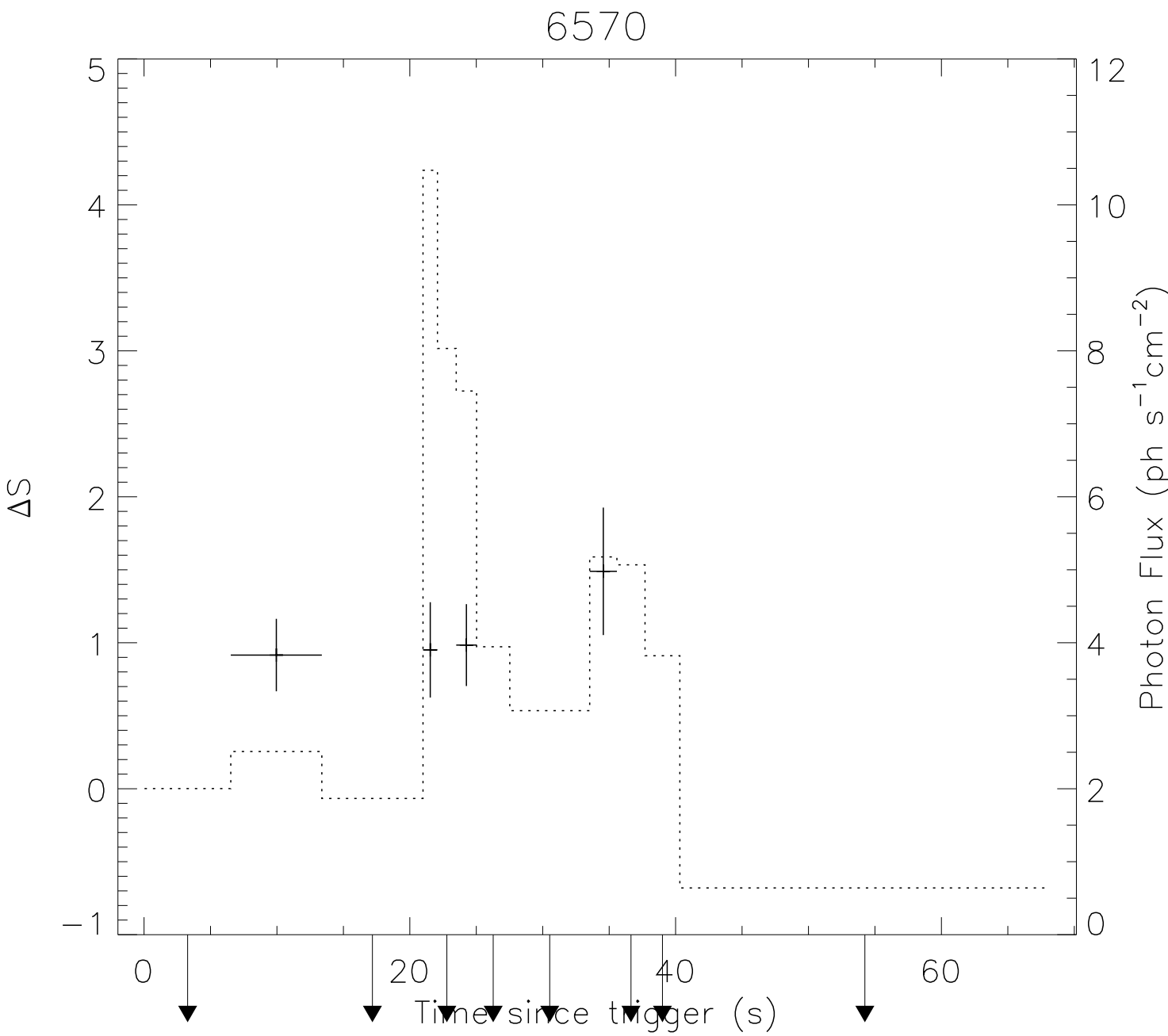

6476
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
10
20
30
40

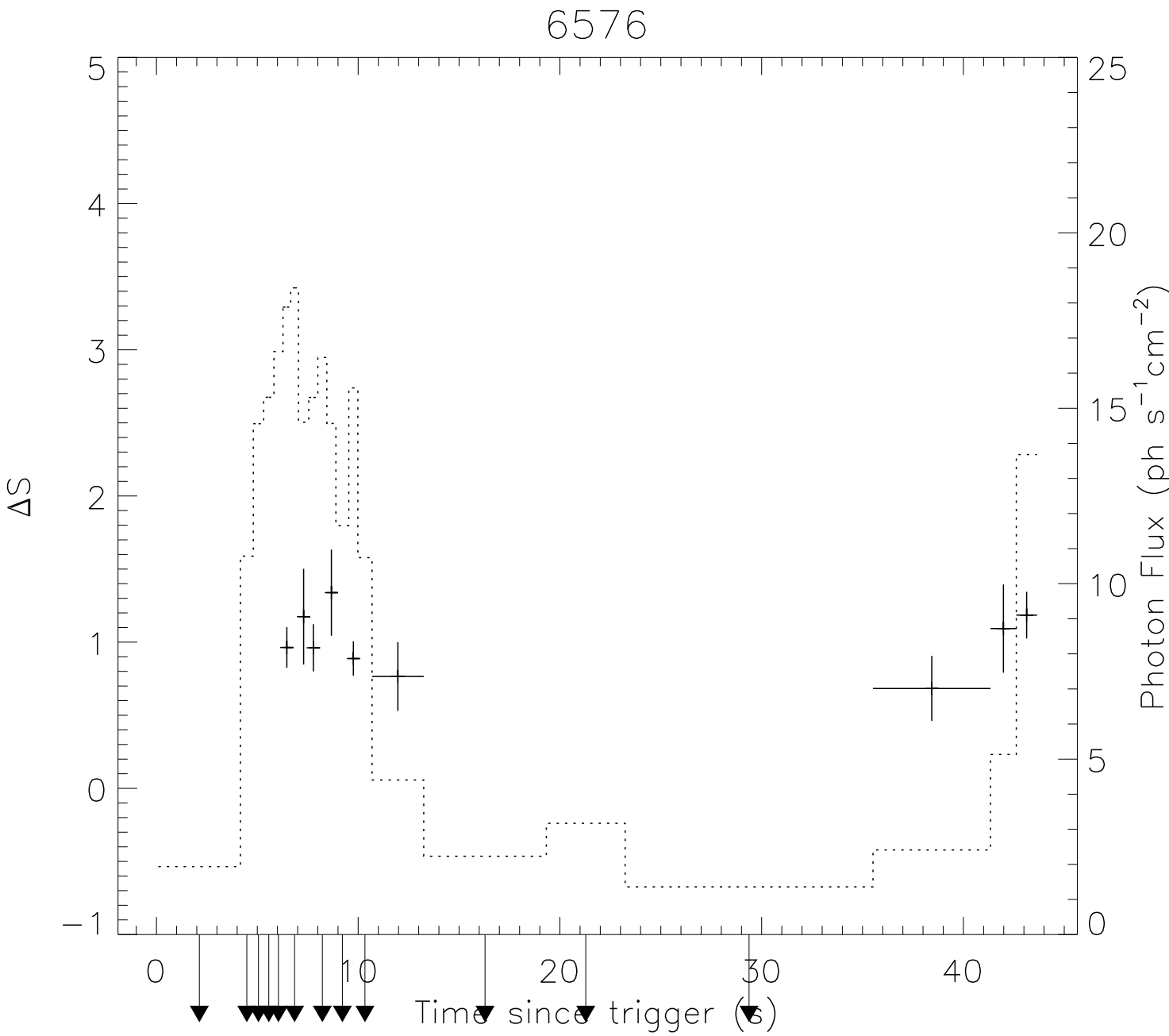

6525
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
50
60
−1
0
1
2
3
4
5
0
2
4
6
8
10

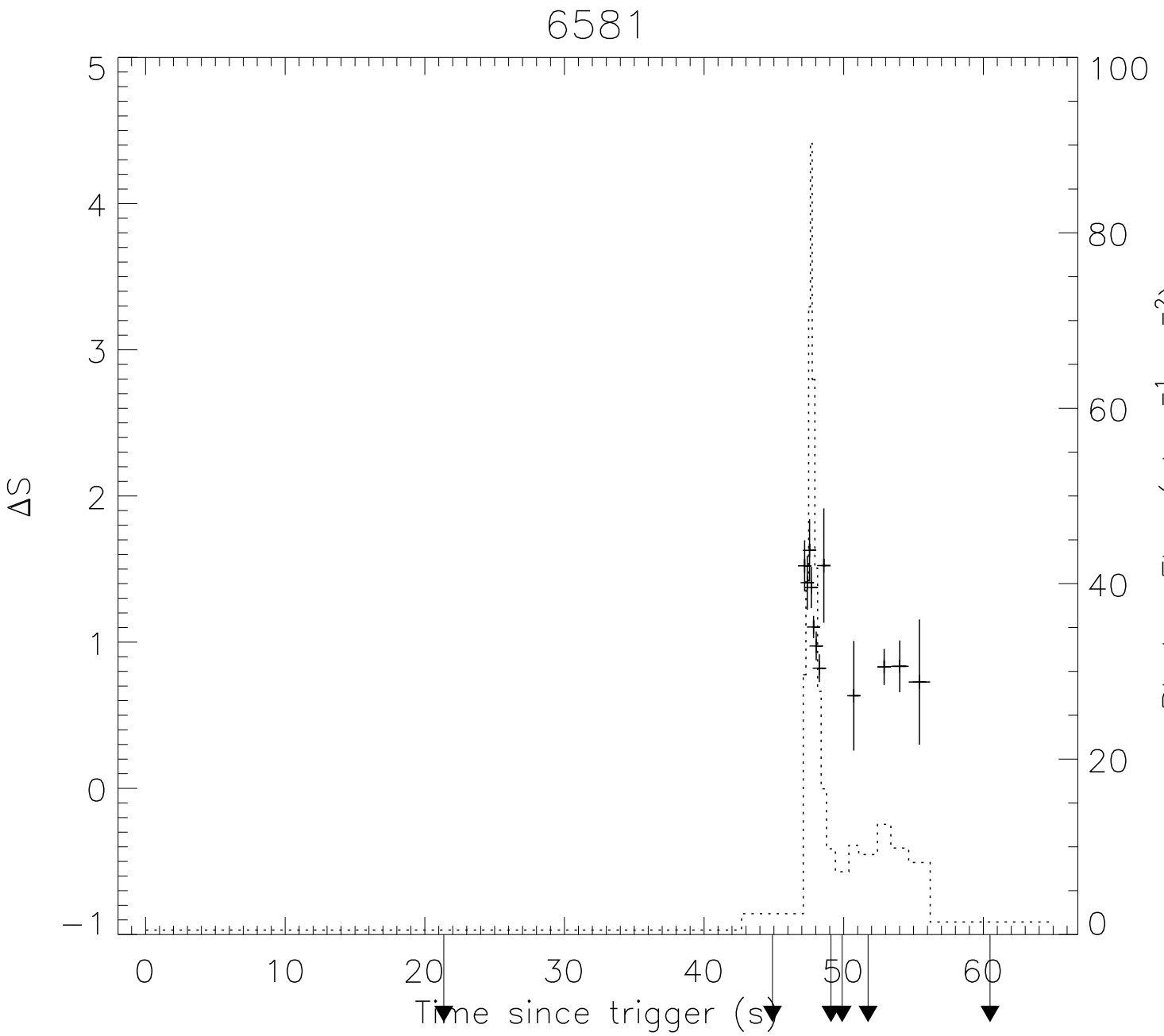

6526
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time Since Trigger (s)
5
4
3
2
1
0
−1
0
200
400
600

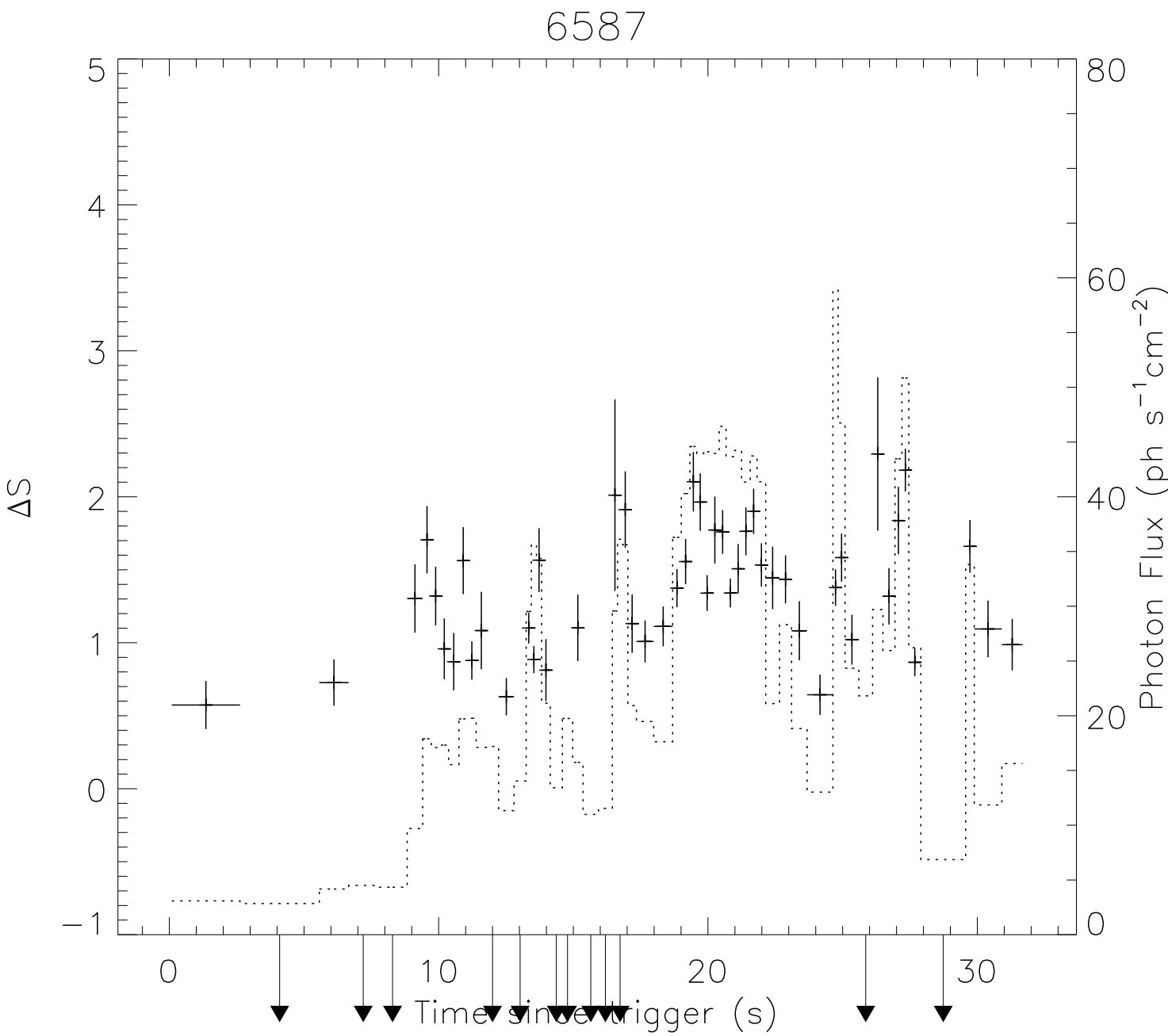

6539
5
4
3
2
1
0
−1
ΔS
3.0
2.8
2.6
2.4
2.2
2.0
1.8
0
2
4
6
8
10
Time since trigger (s)

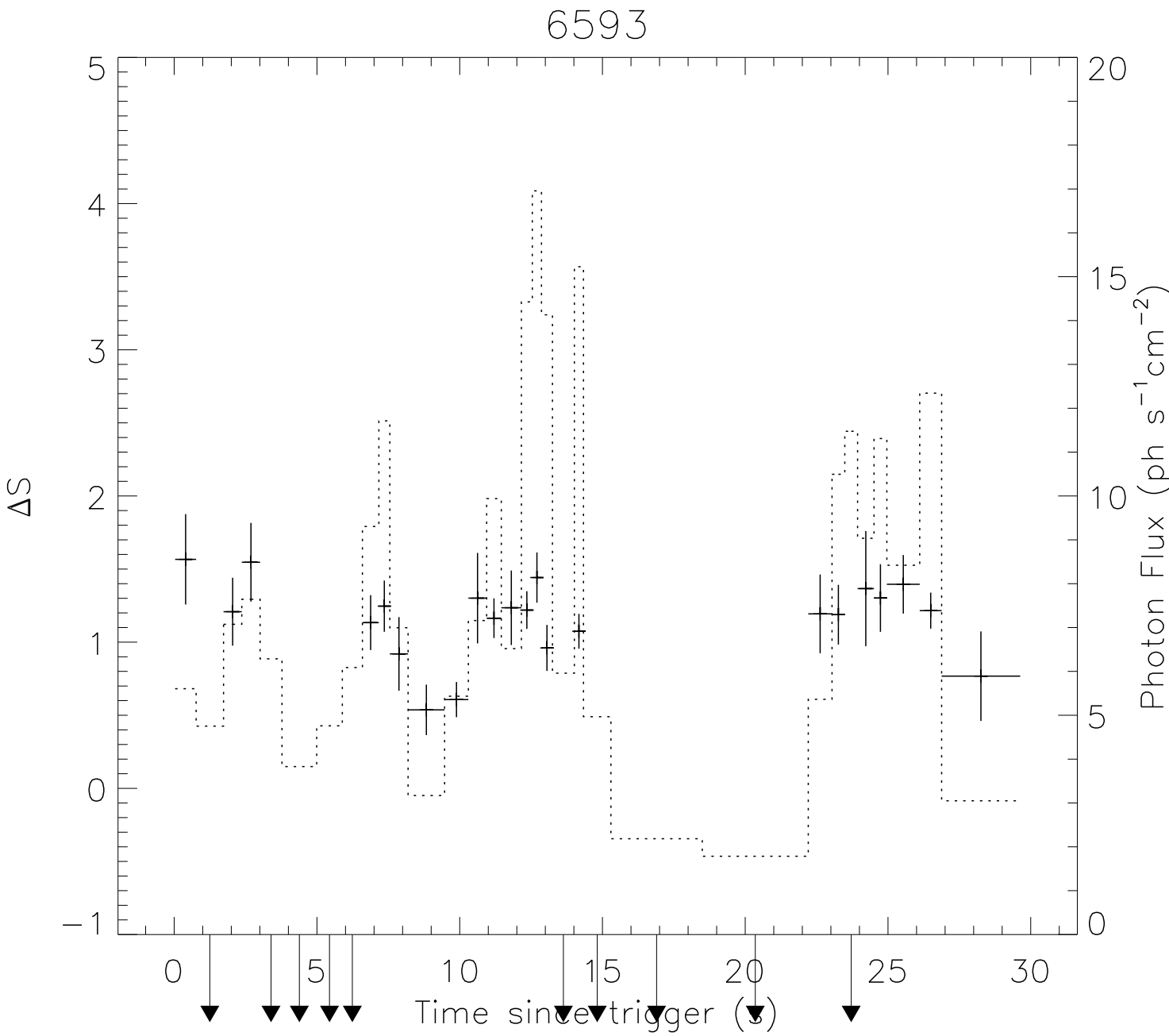

6560
5
4
3
2
1
0
−1
ΔS
15
10
5
0
Photon Flux (ph s^{-1}cm^{-2})
0
10
20
30
Time since trigger (s)

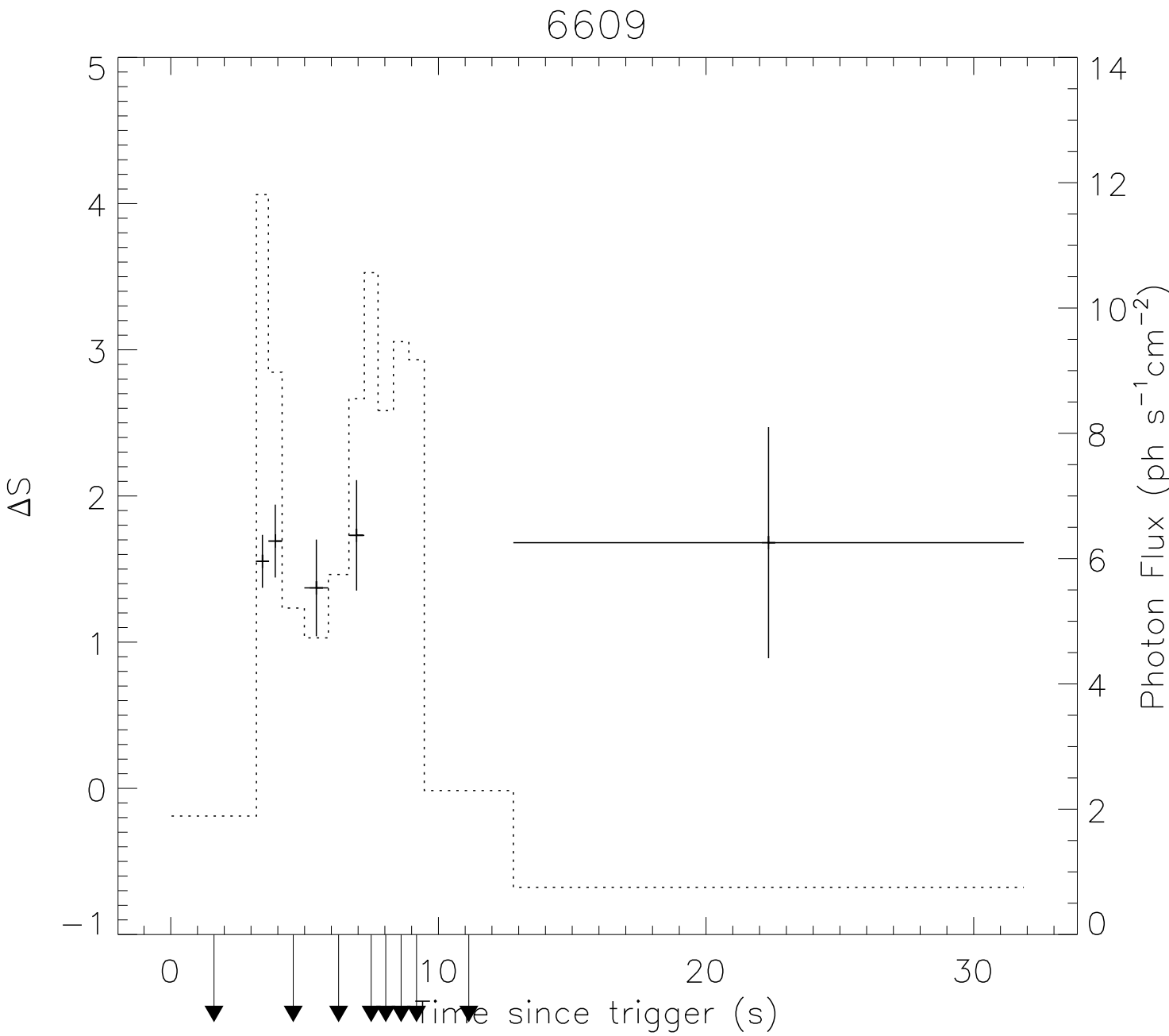

6570
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
−1
0
1
2
3
4
5
0
2
4
6
8
10
12

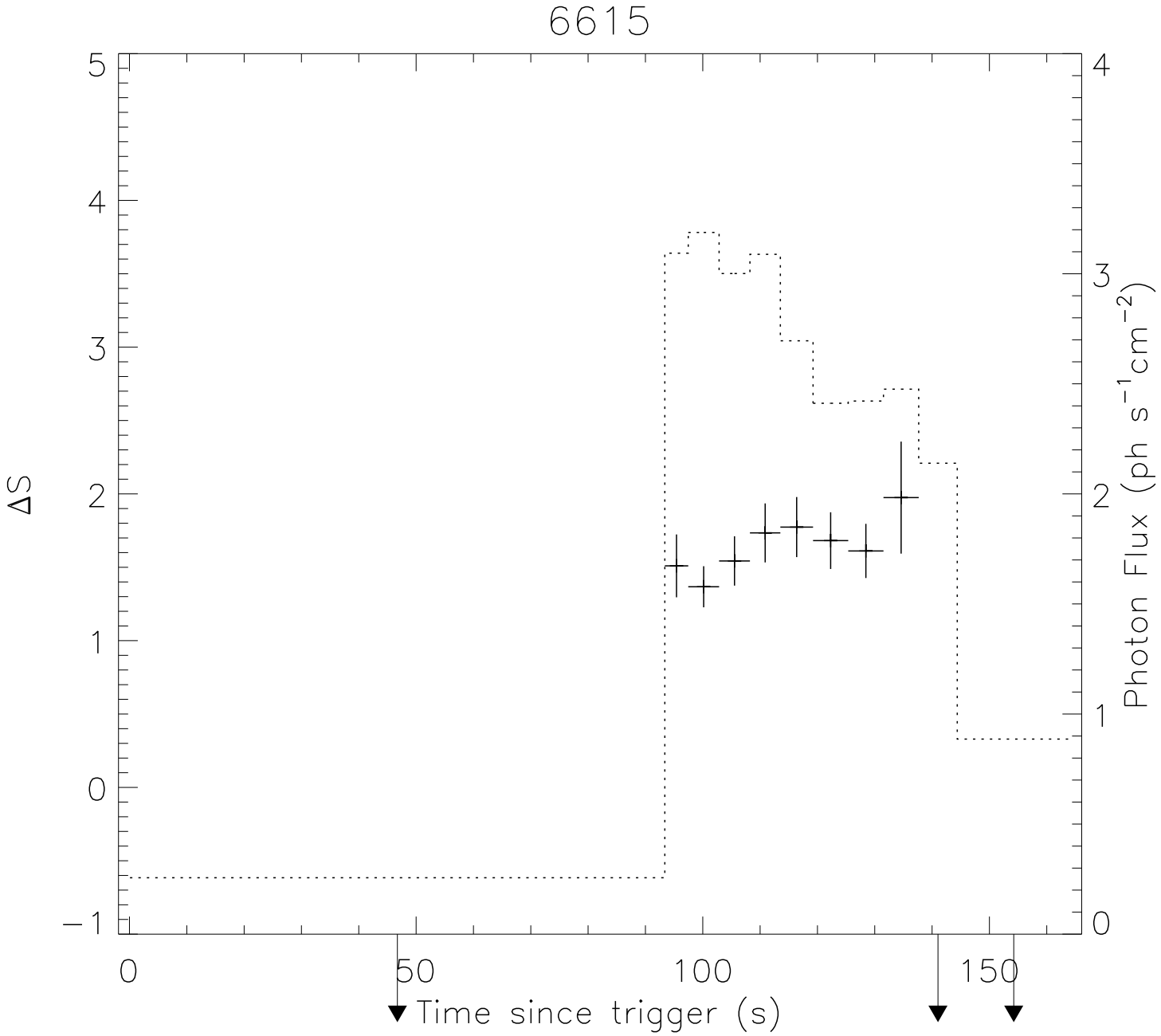

6576
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
10
20
30
40

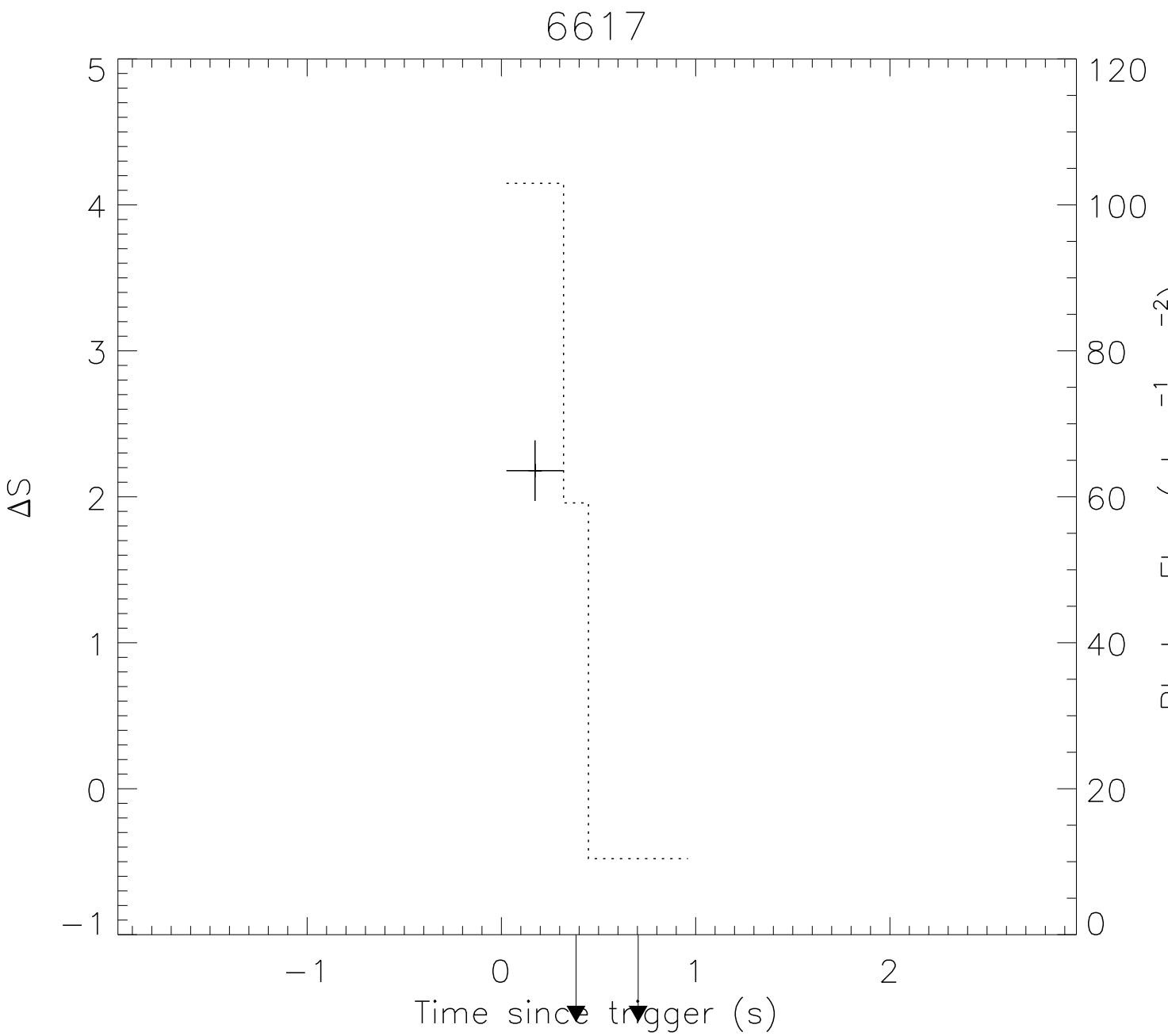

6581
ΔS
Time since trigger (s)
0
10
20
30
40
50
60
−1
0
1
2
3
4
5
0
20
40
60
80
100

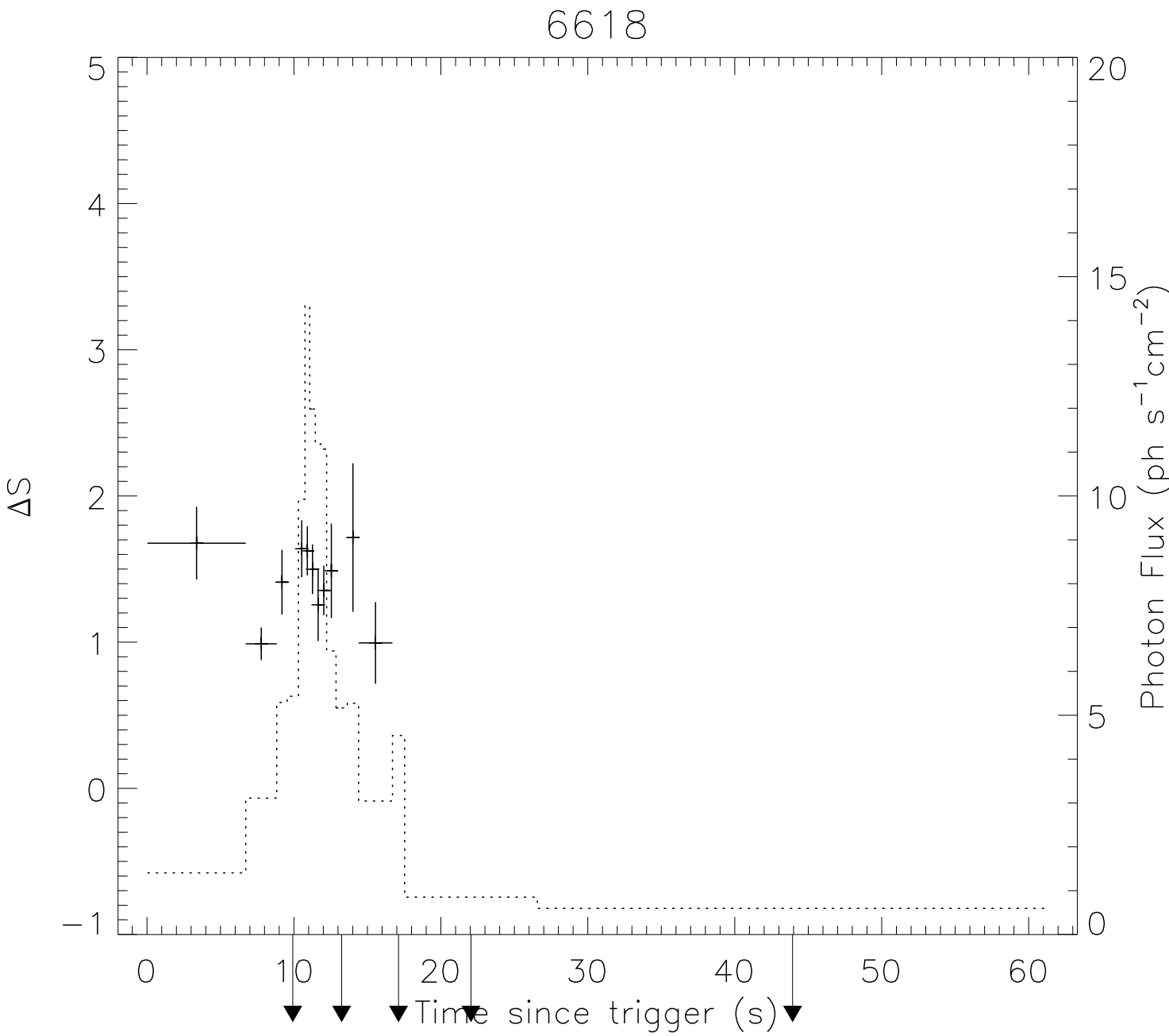

6587
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
−1
0
1
2
3
4
5
0
20
40
60
80

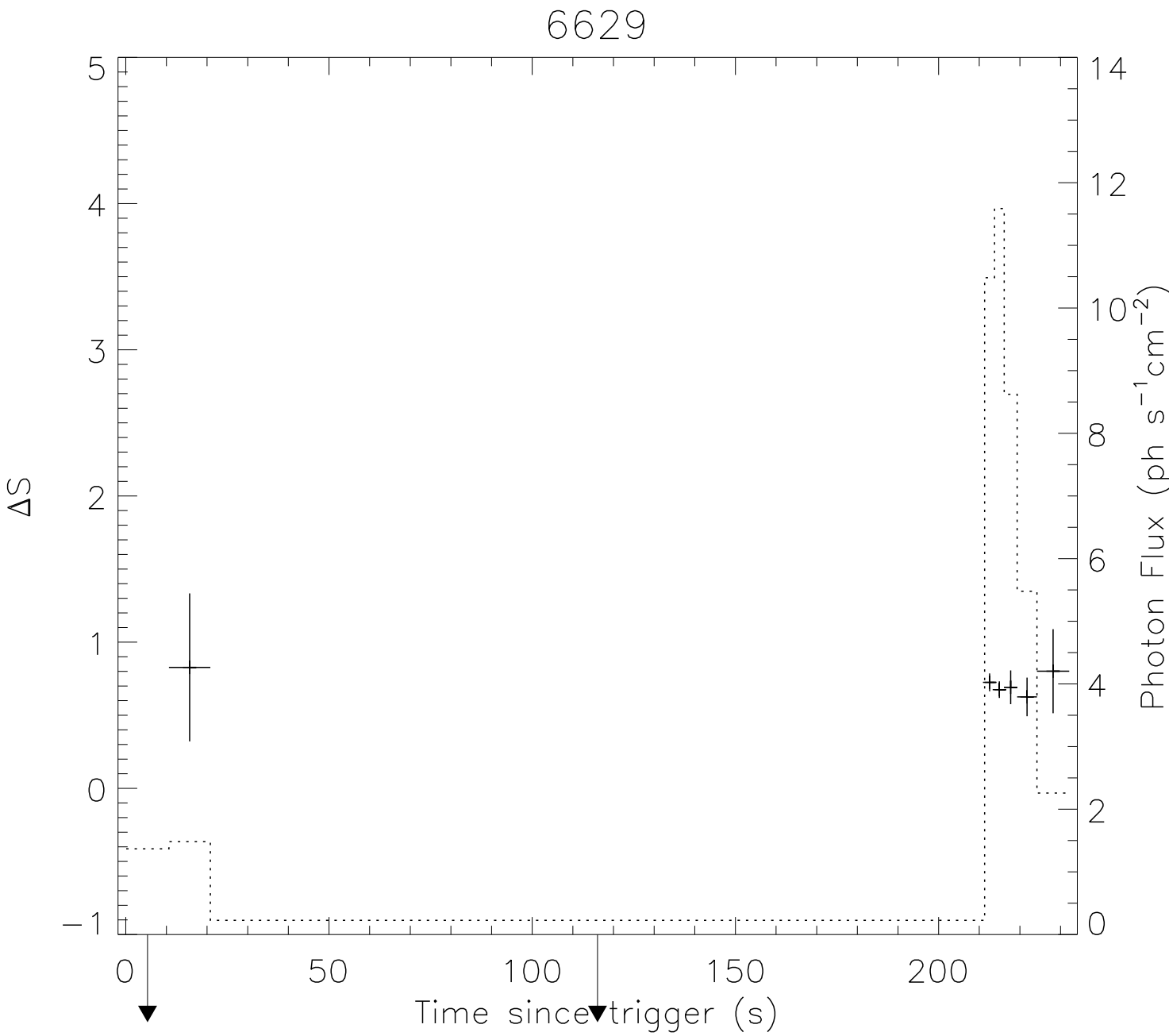

6593
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
5
10
15
20
25
30

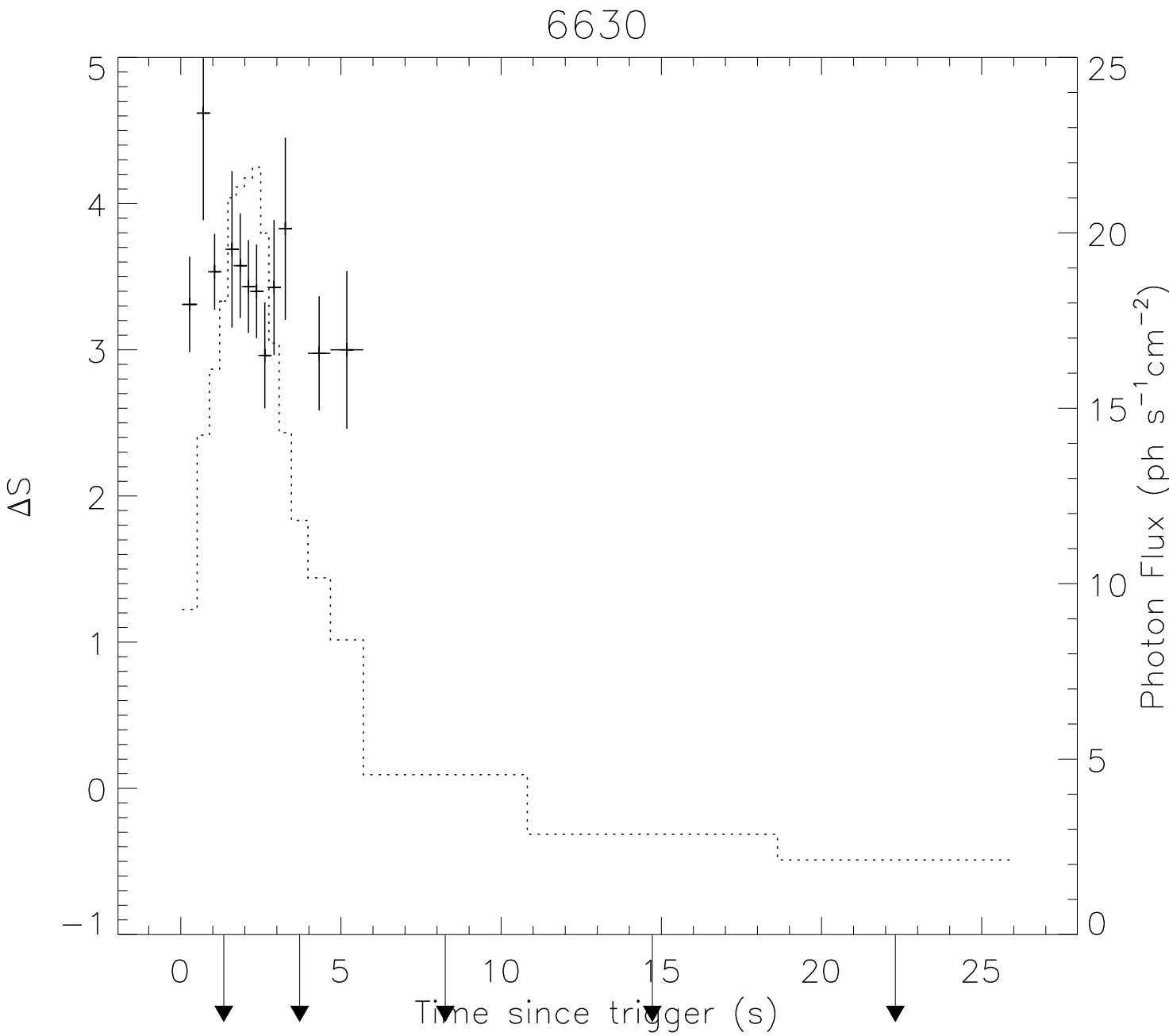

6609
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
14
12
10
8
6
4
2
0
0
10
20
30

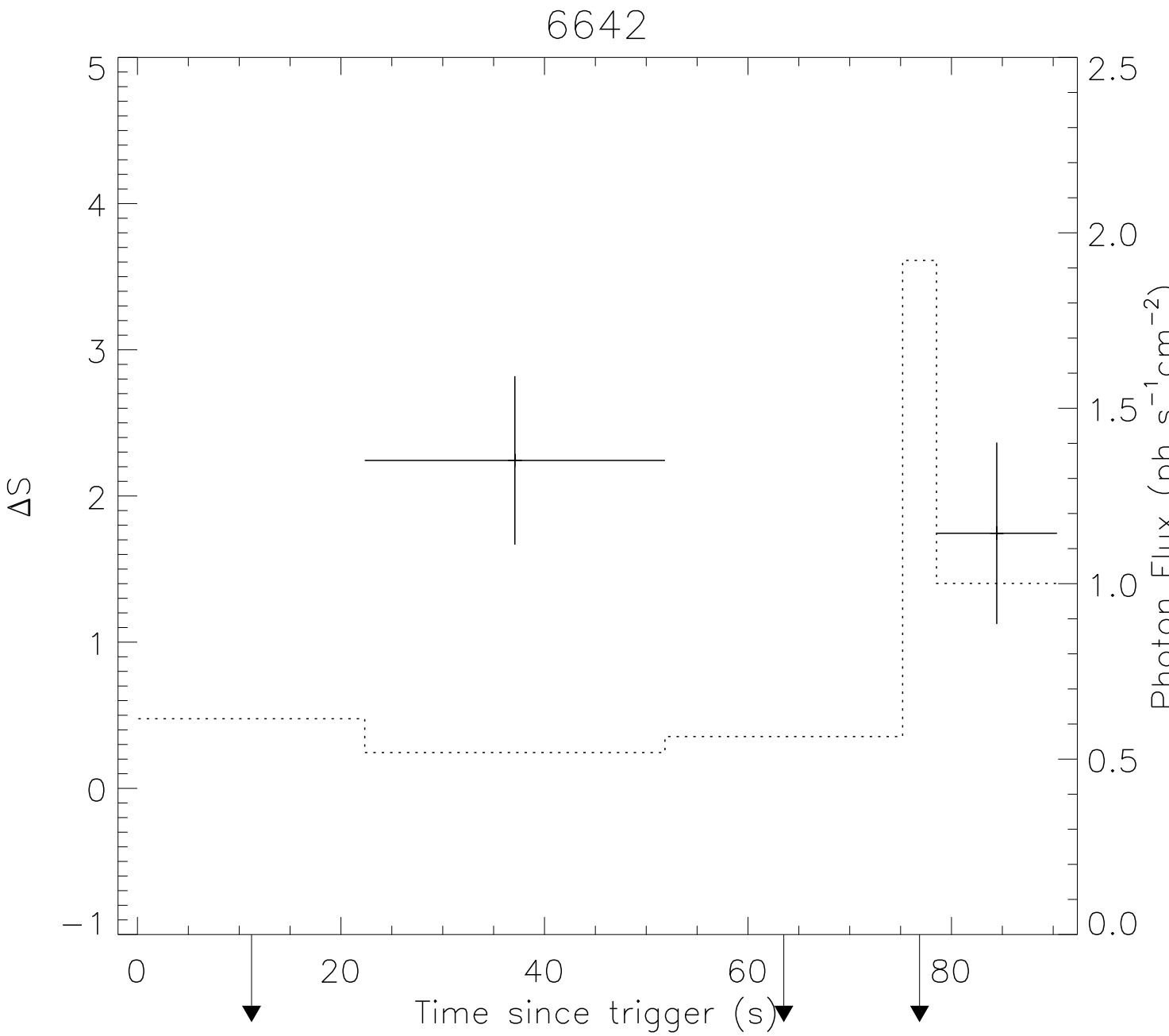

6615
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
50
100
150
−1
0
1
2
3
4
5

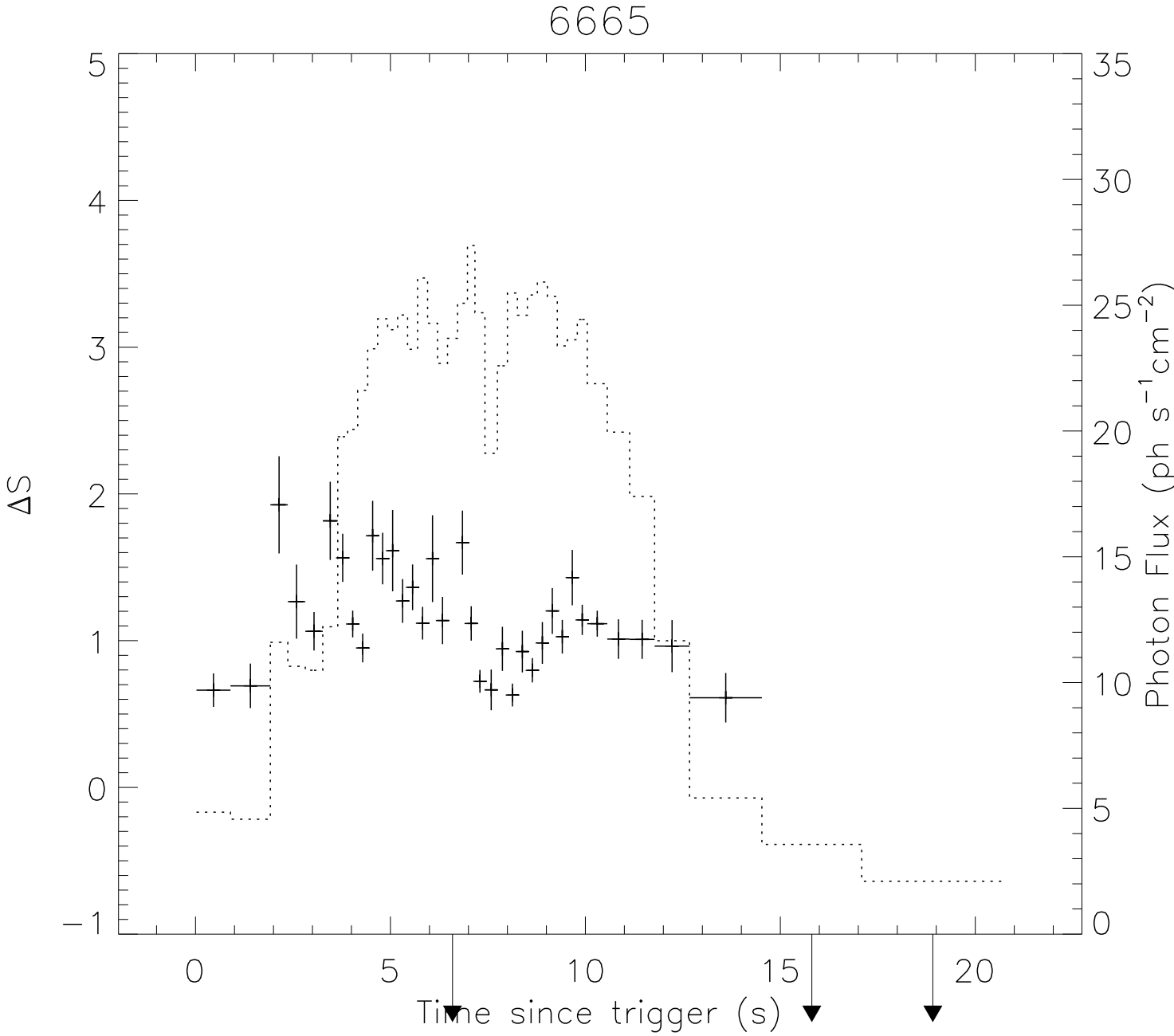

6617
5
4
3
2
1
0
−1
120
100
80
60
40
20
0
ΔS
−1
0
1
2
Time since trigger (s)

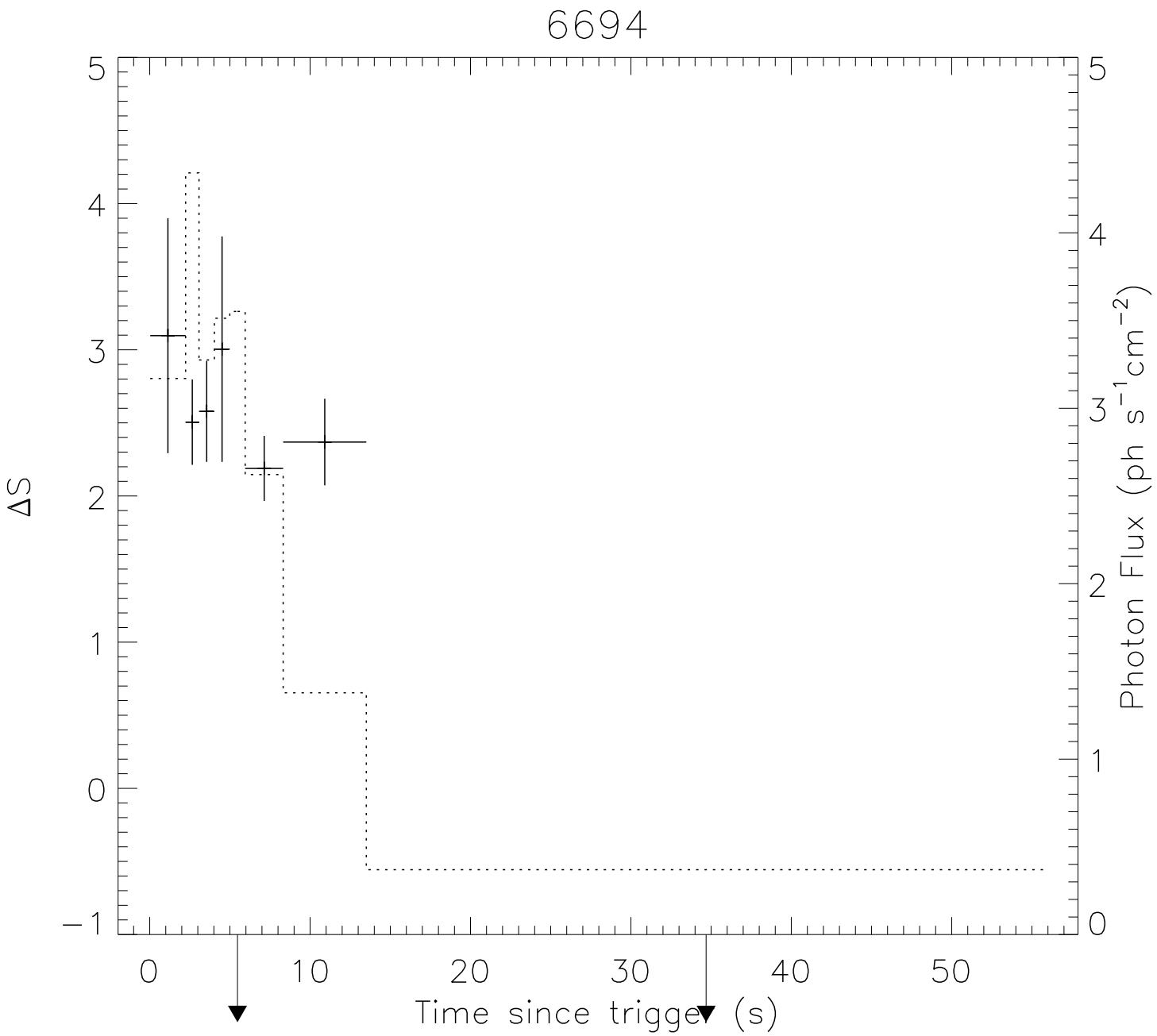

6618
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
50
60
−1
0
1
2
3
4
5
0
5
10
15
20

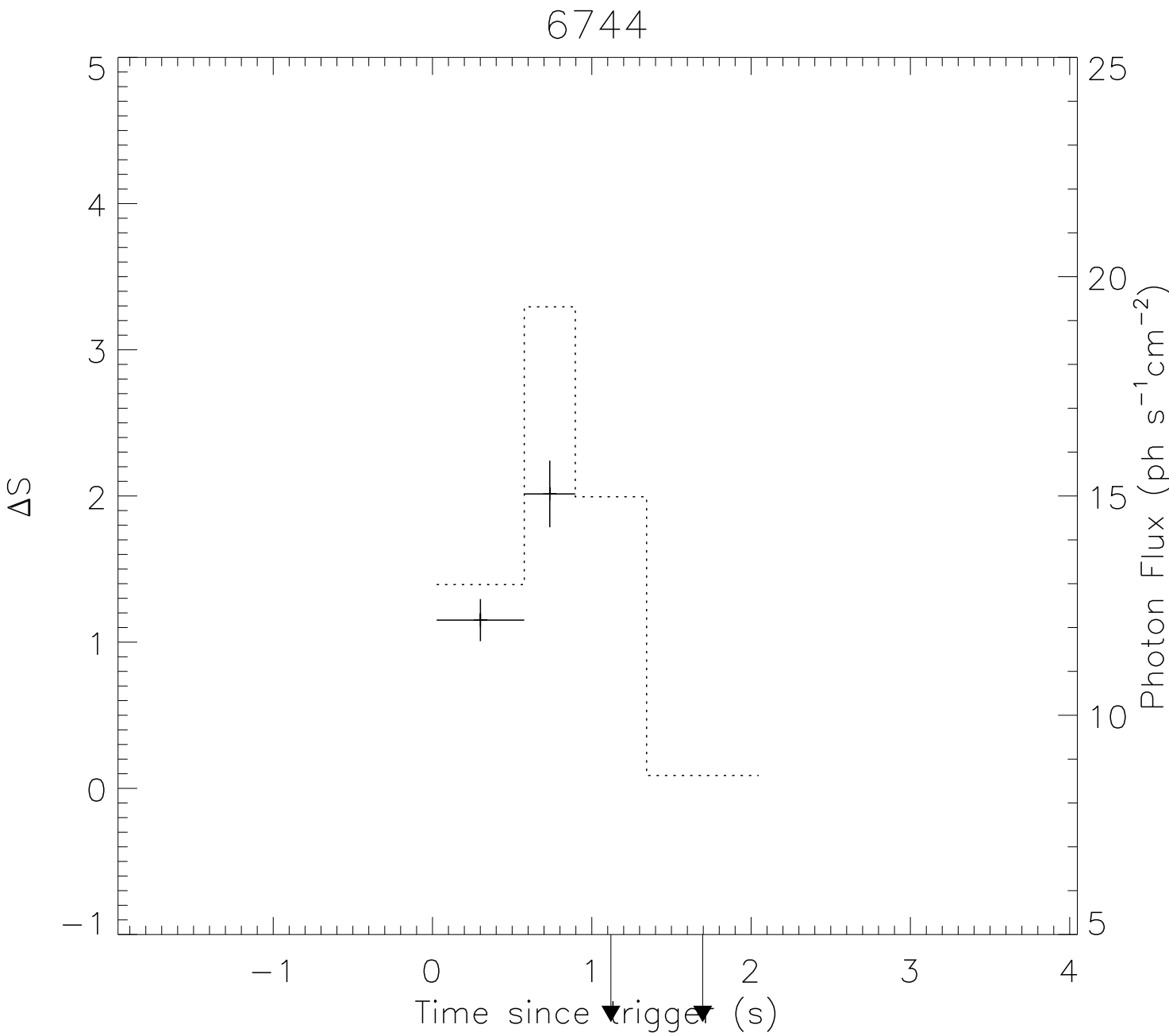

6629
5
4
3
2
1
0
−1
ΔS
14
12
10
8
6
4
2
0
Photon Flux (ph s^{-1}cm^{-2})
0
50
100
150
200
Time since trigger (s)

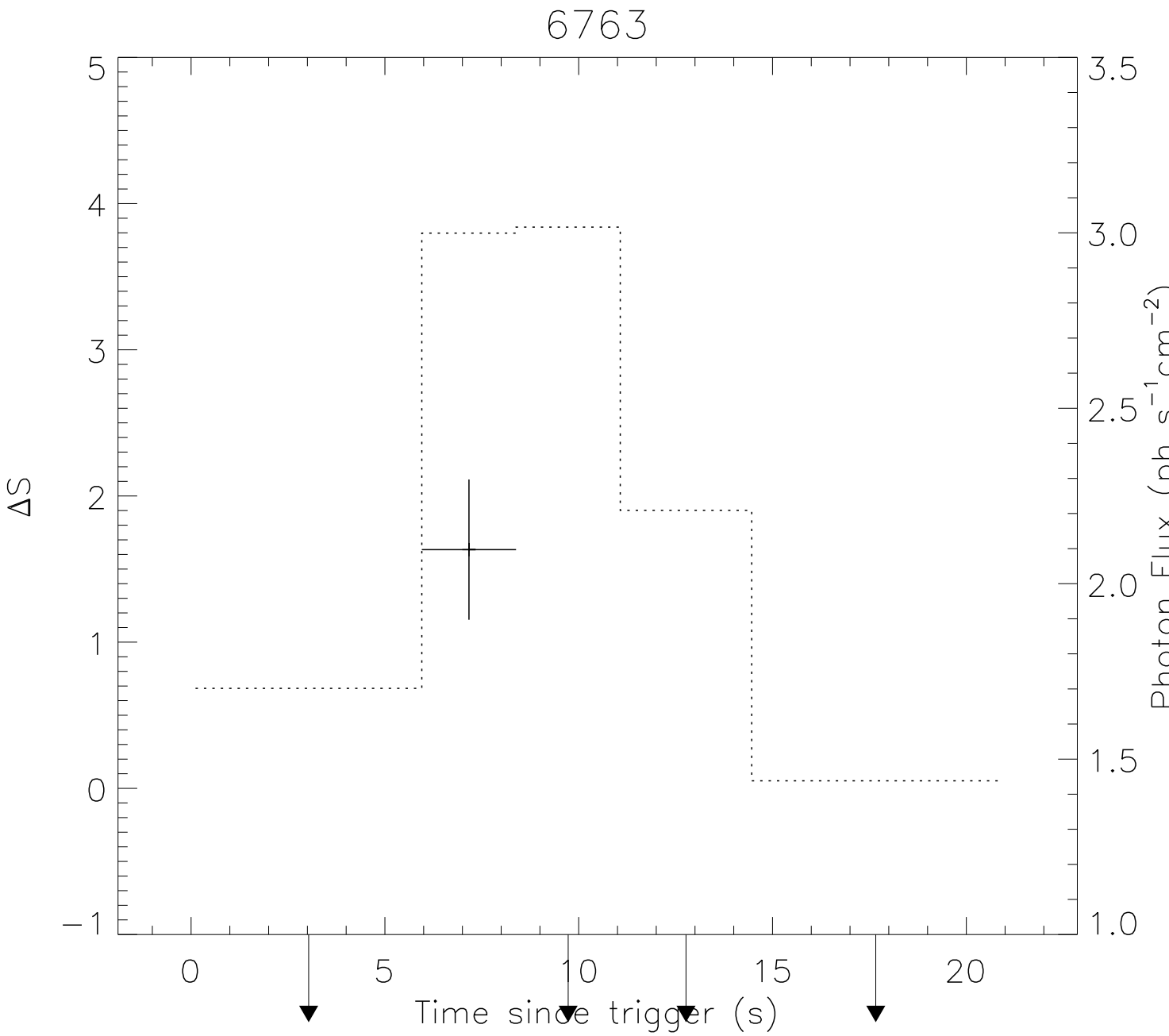

6630
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
5
10
15
20
25

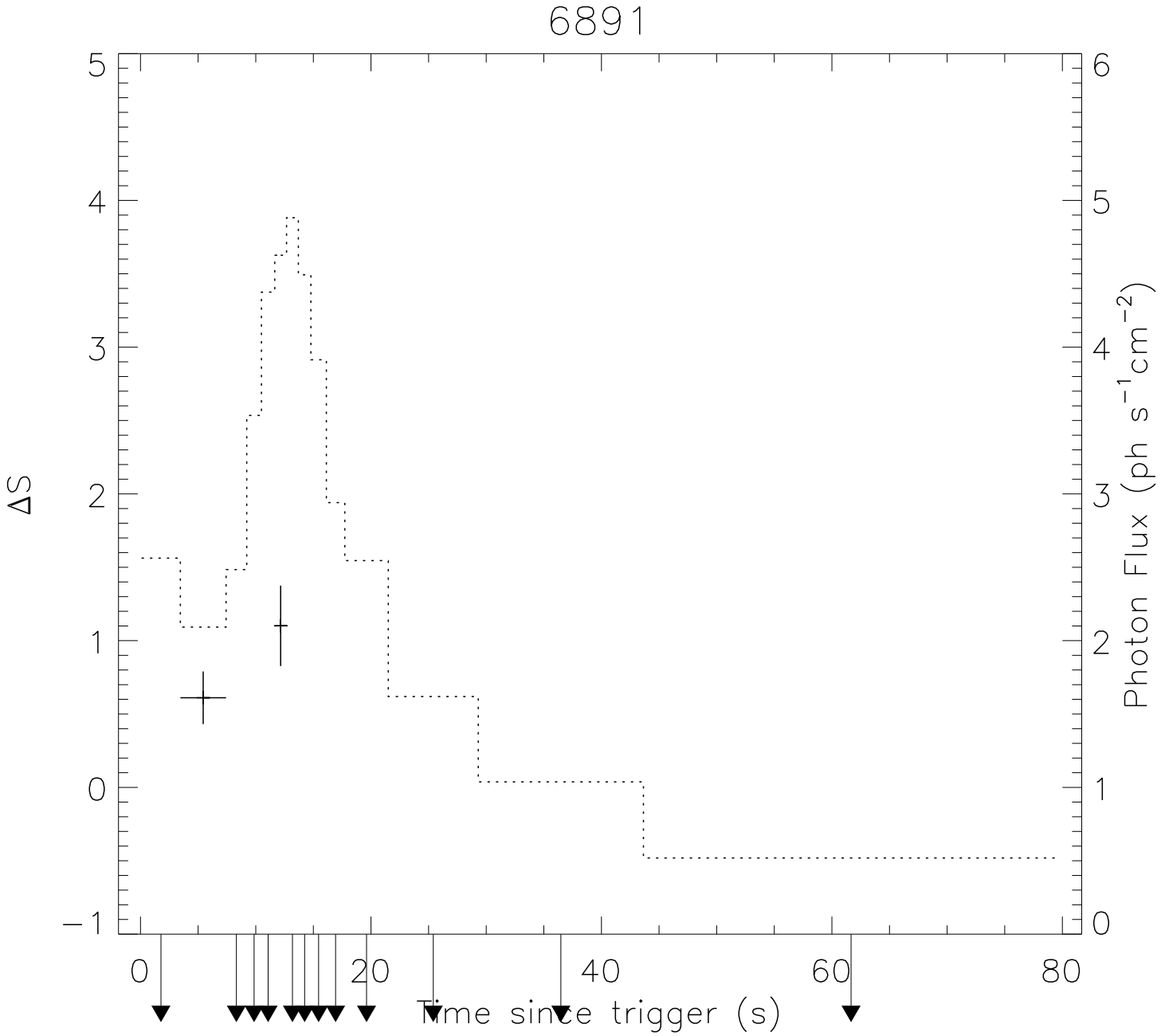

6642
5
4
3
2
1
0
−1
ΔS
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
Time since trigger (s)

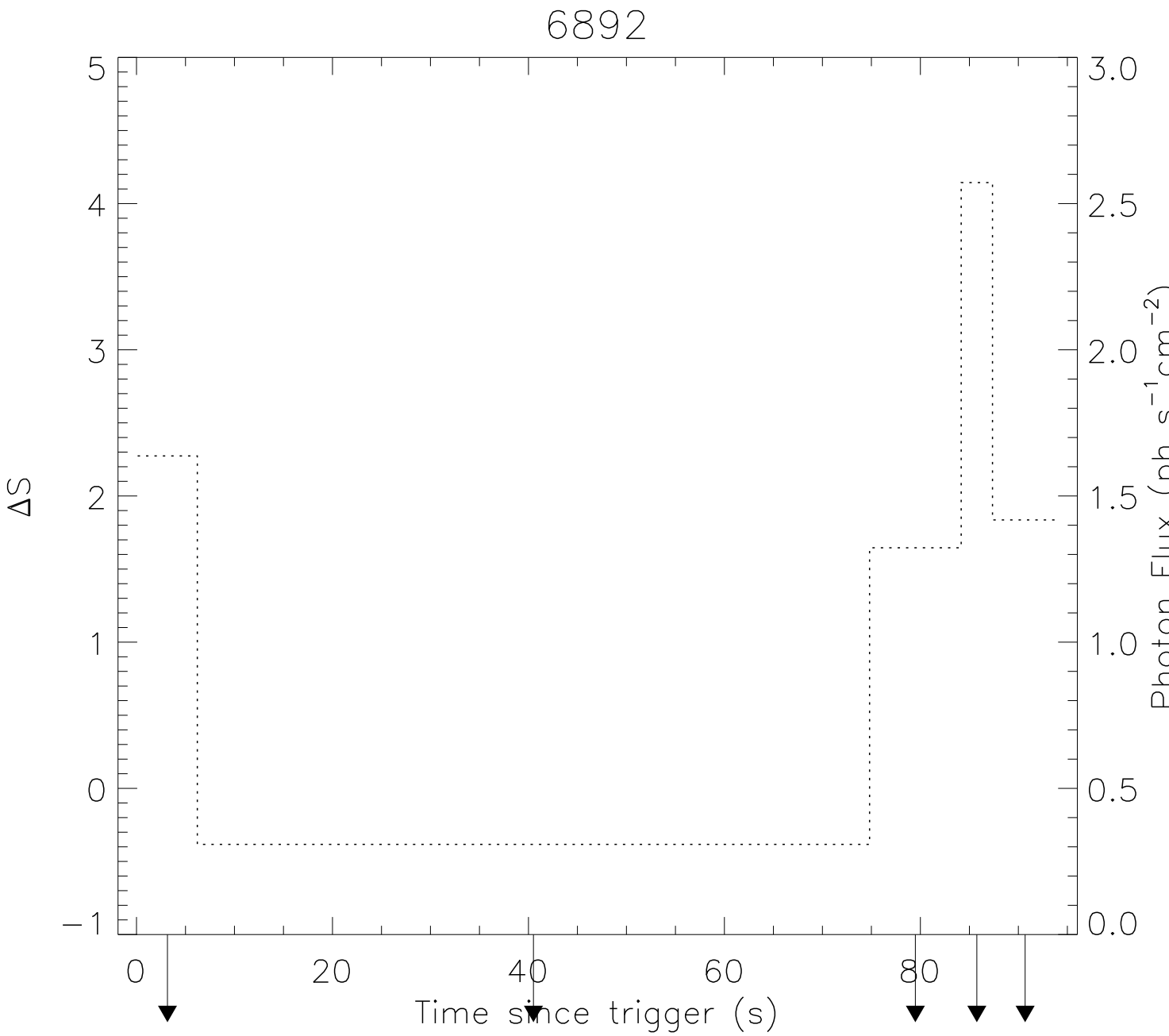

6665
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
35
30
25
20
15
10
5
0
0
5
10
15
20

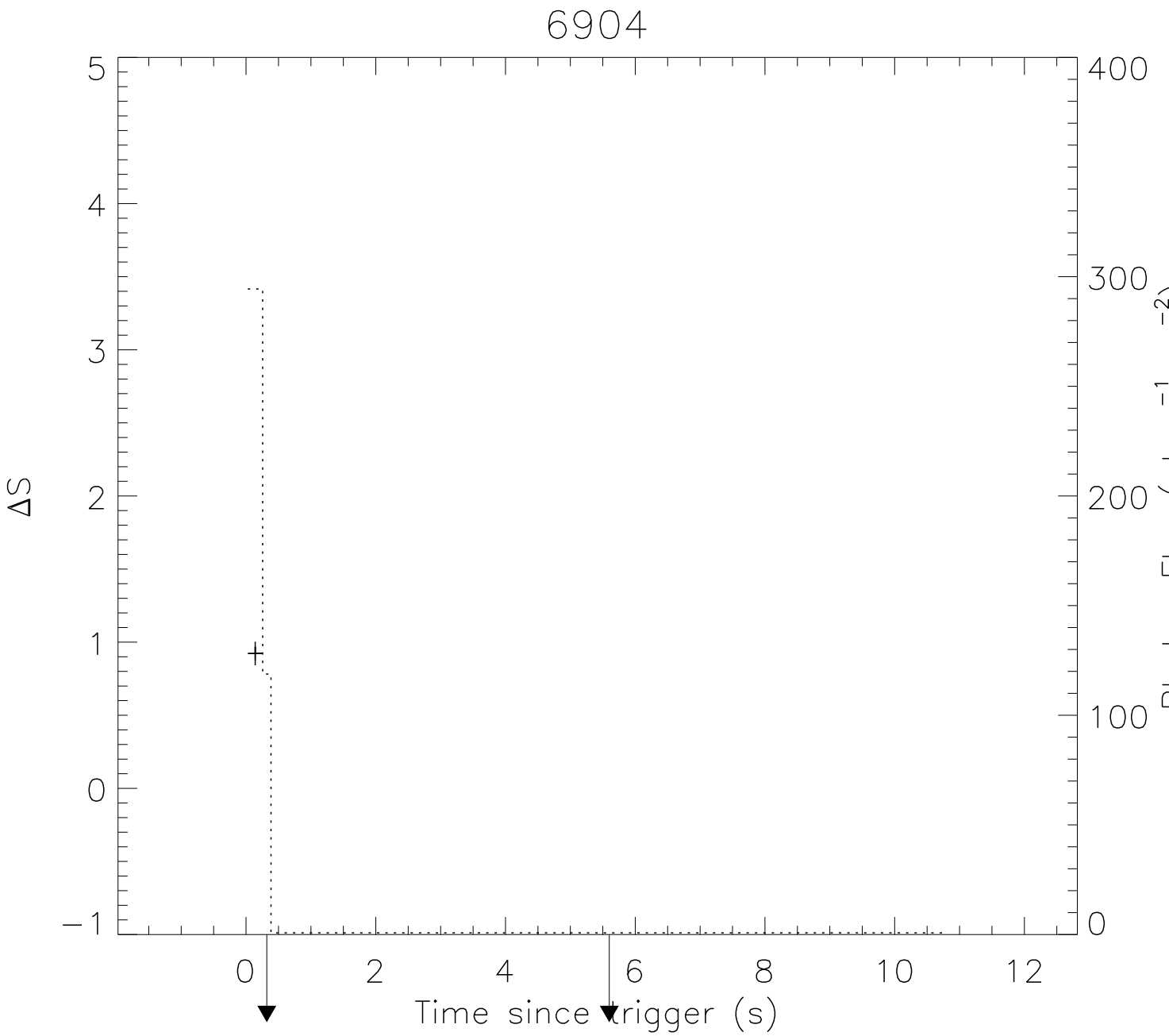

6694
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
0
10
20
30
40
50

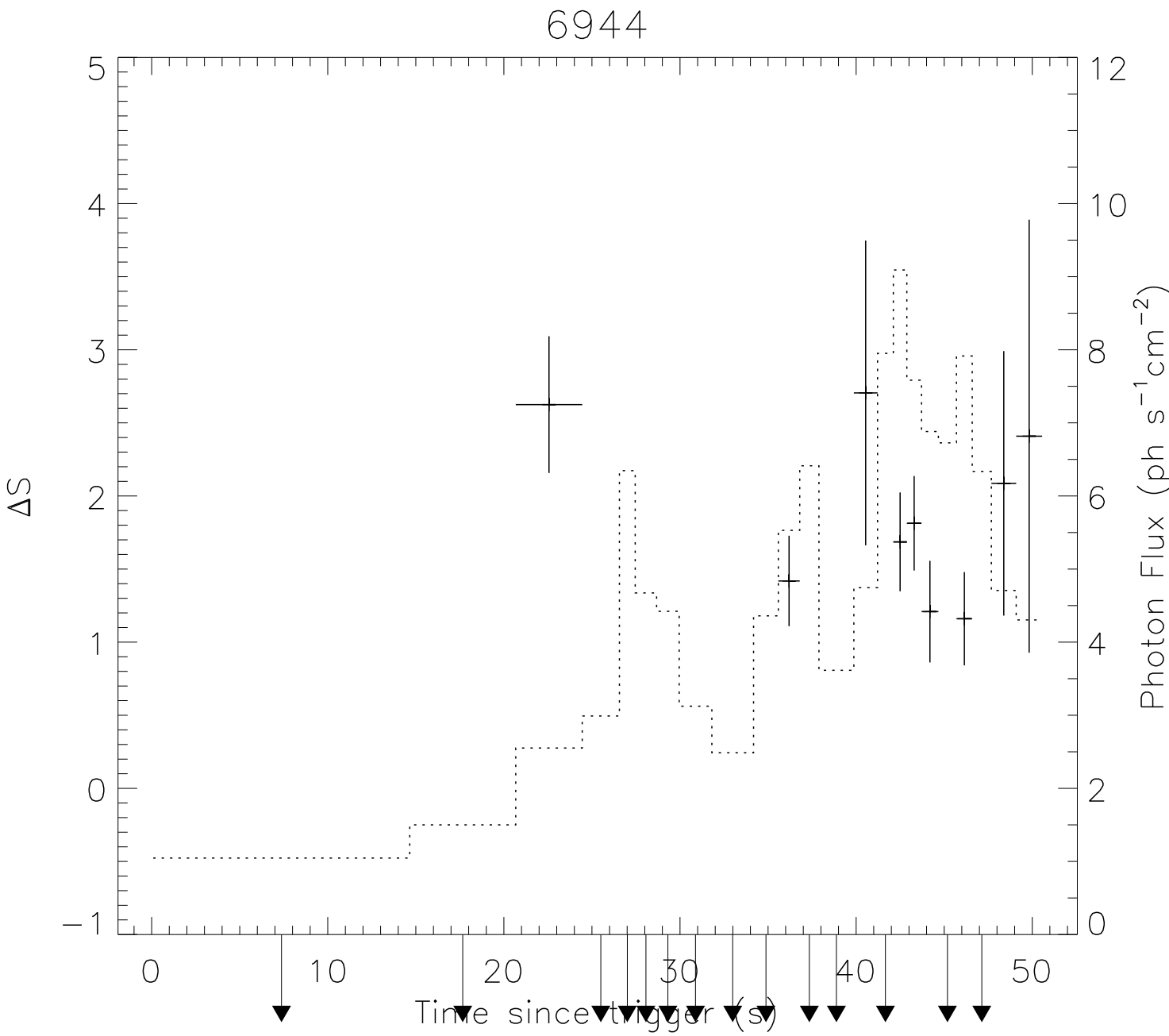

6744
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
−1
0
1
2
3
4

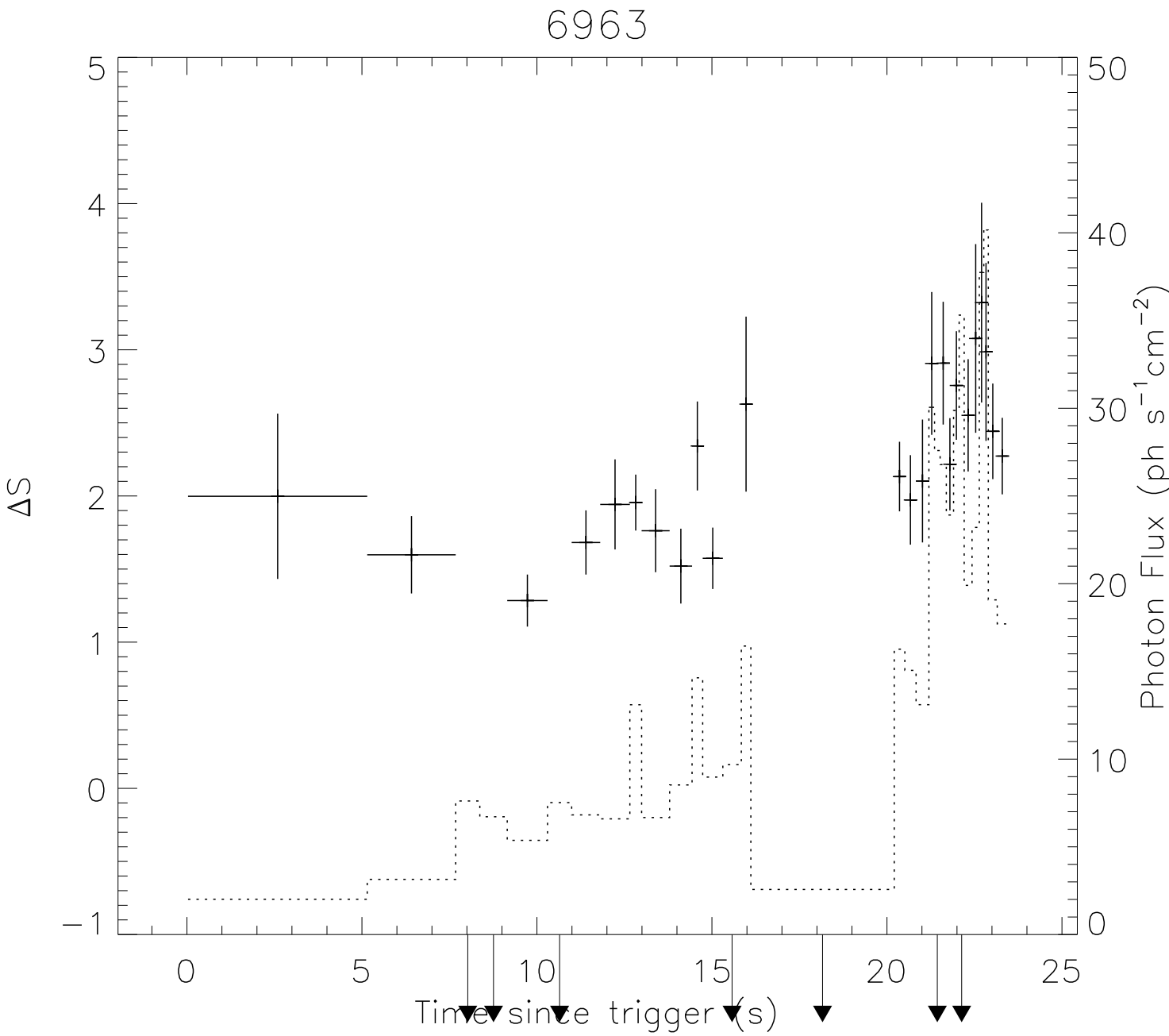

6763
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
0
5
10
15
20
3.5
3.0
2.5
2.0
1.5
1.0

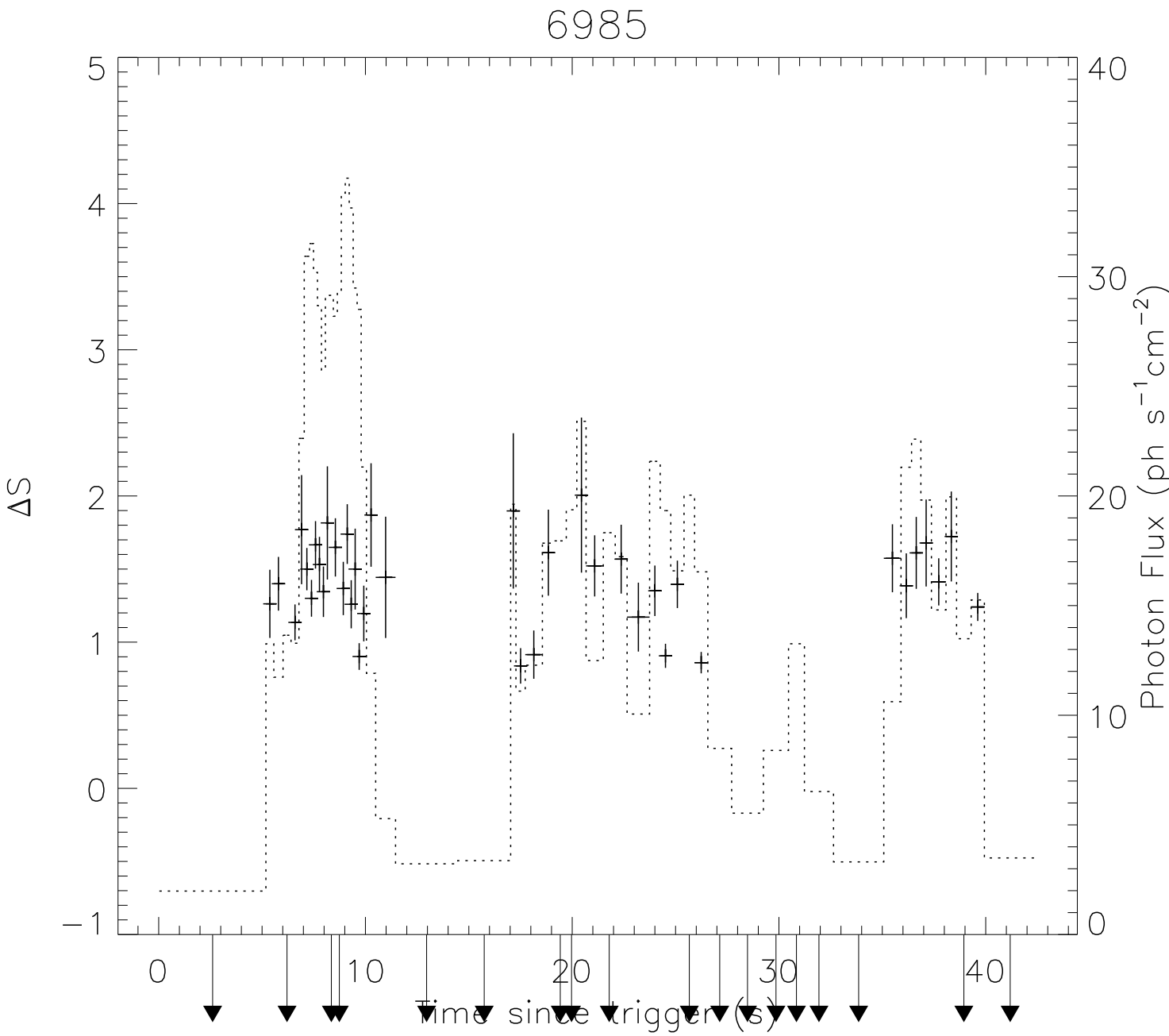

6891
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
−1
0
1
2
3
4
5
6

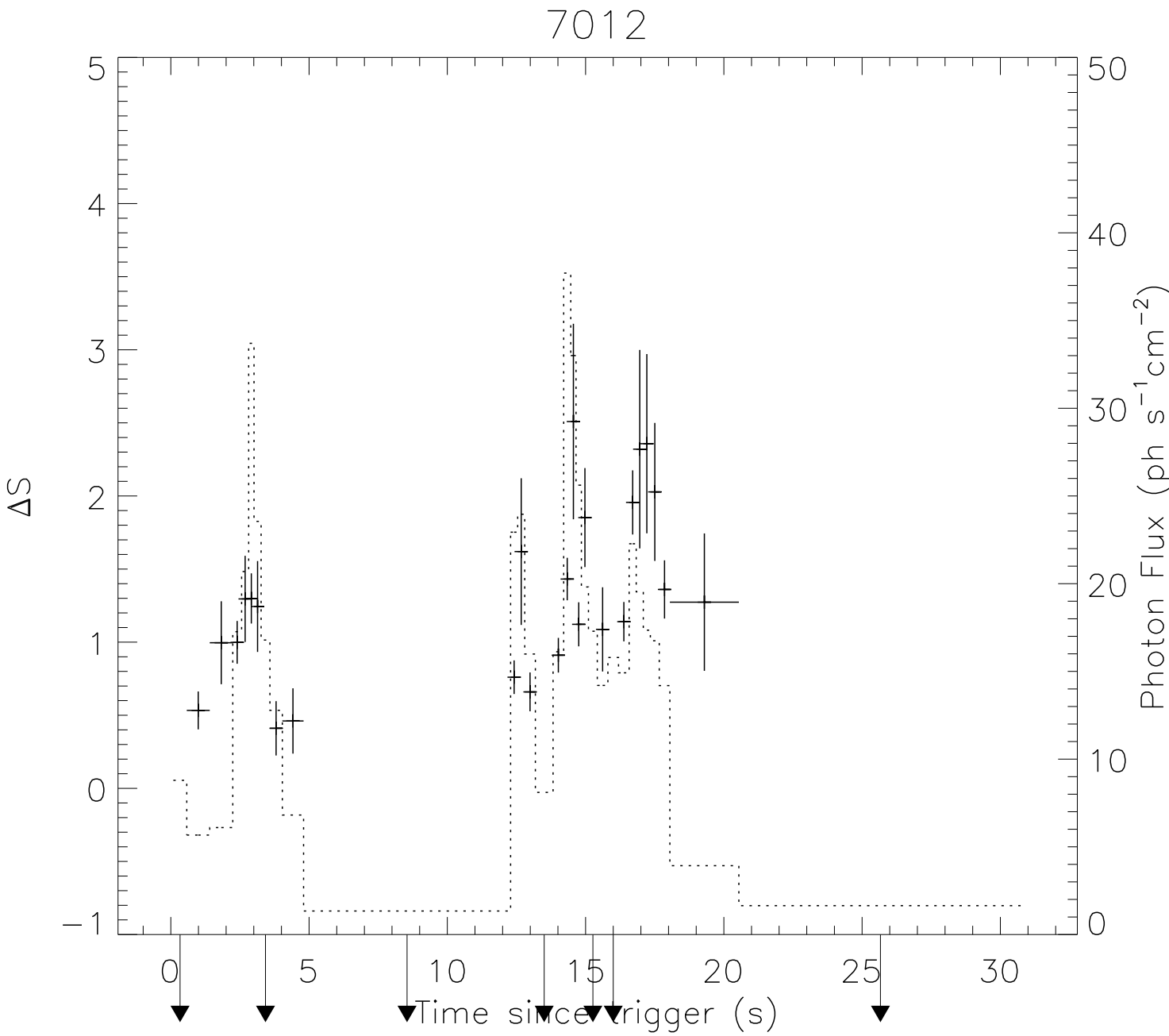

6892
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80

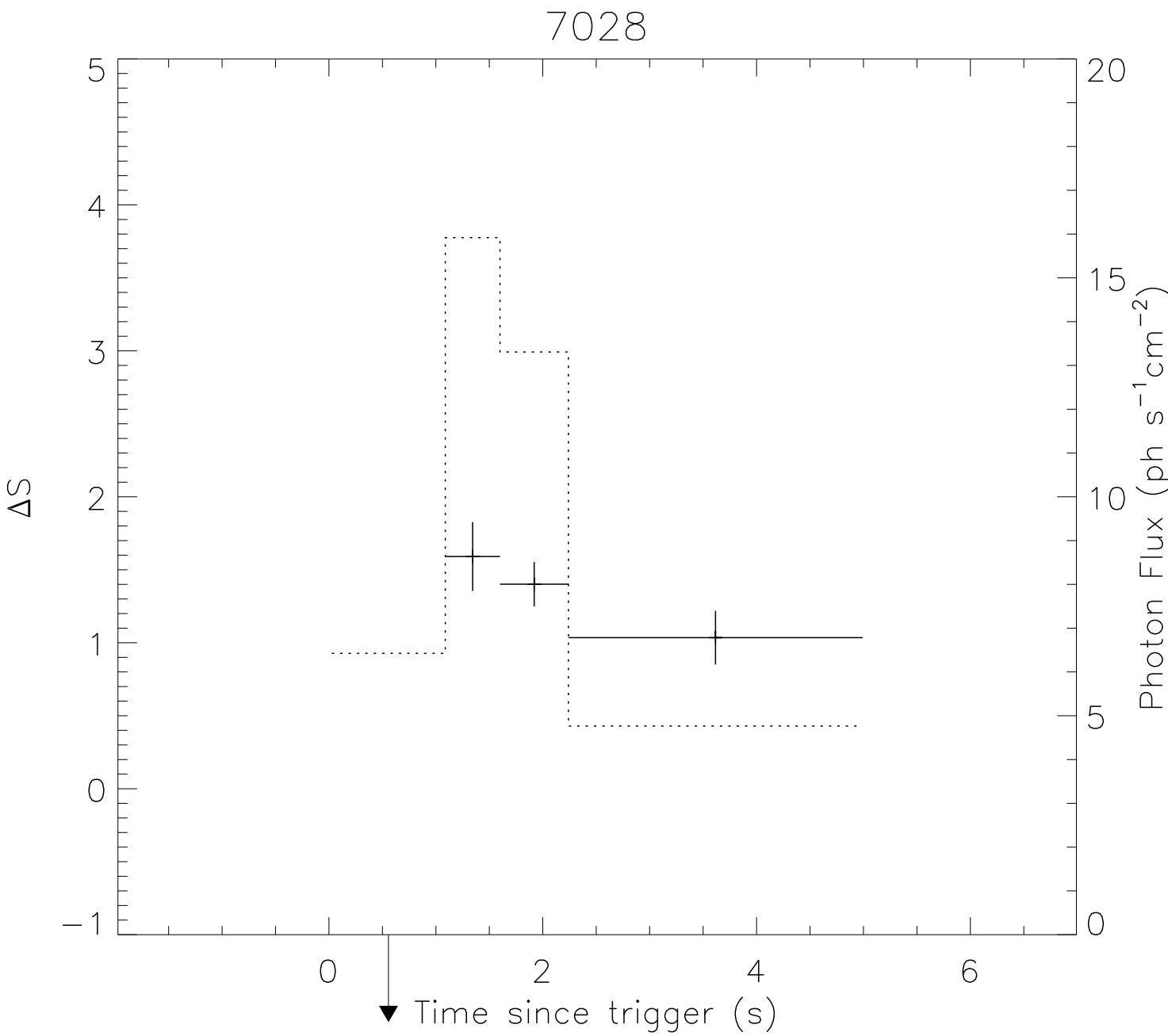

6904
ΔS
5
4
3
2
1
0
−1
400
300
200
100
0
0
2
4
6
8
10
12
Time since trigger (s)

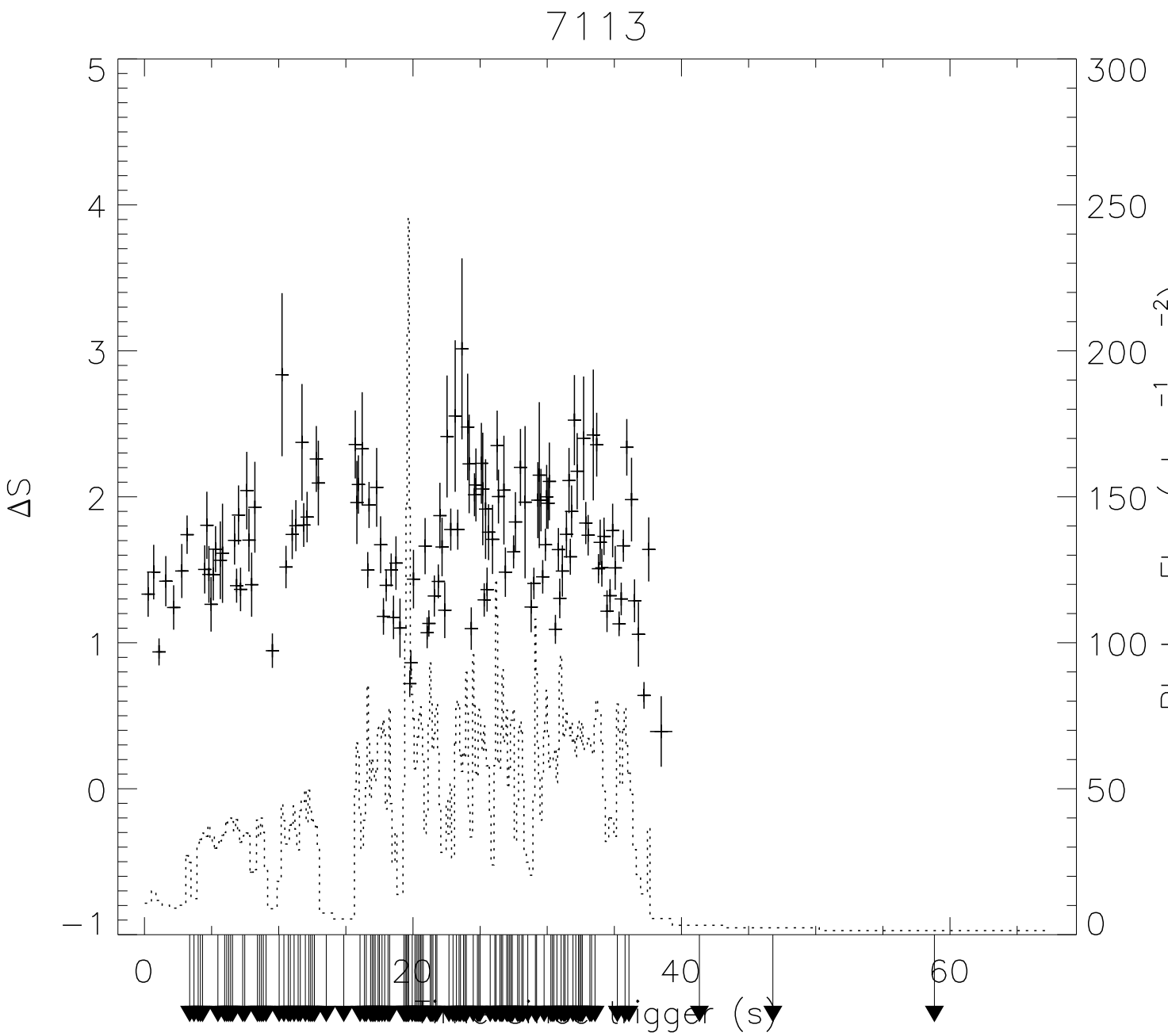

6944
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
50
−1
0
1
2
3
4
5
0
2
4
6
8
10
12

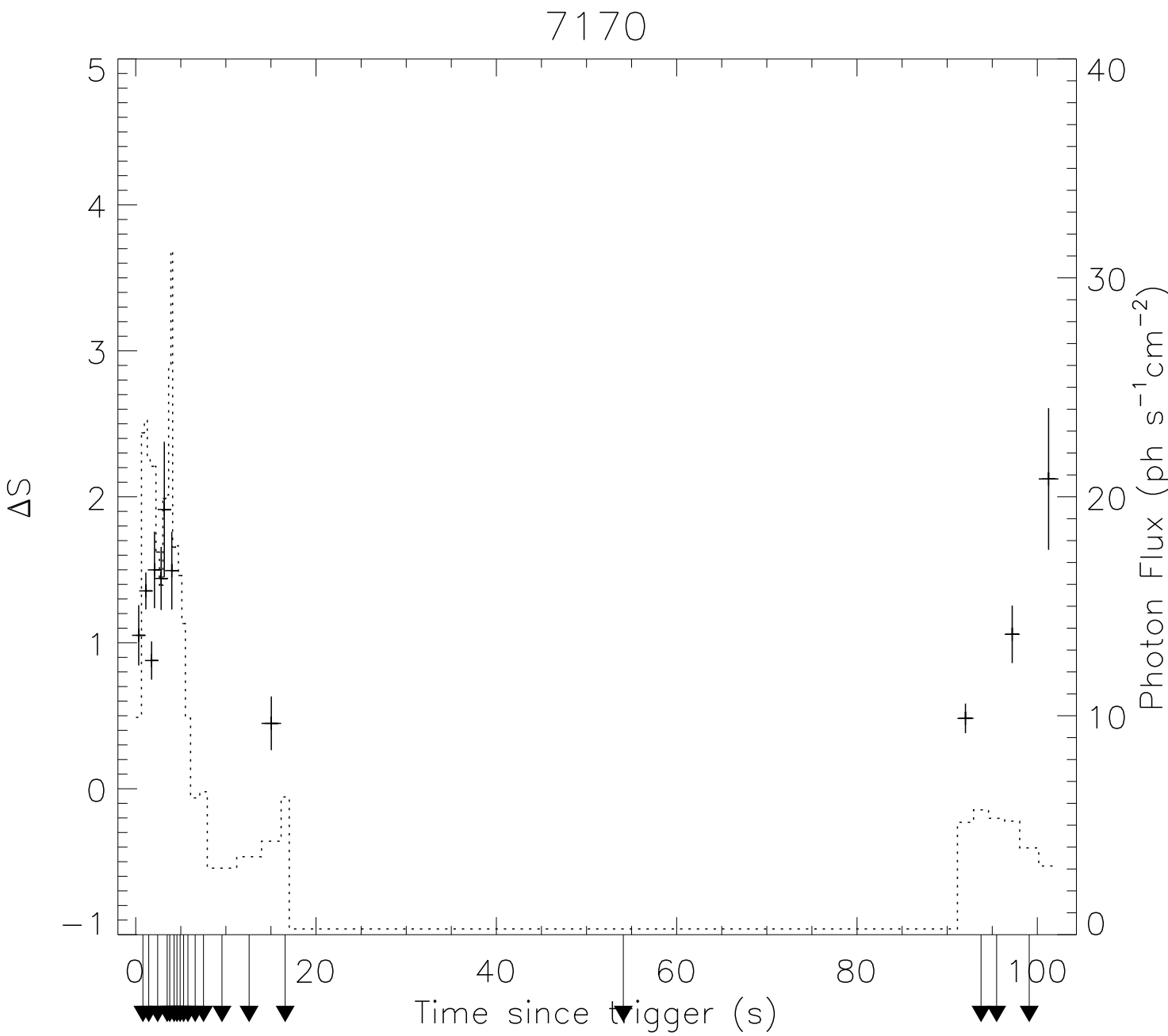

6963
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
5
10
15
20
25

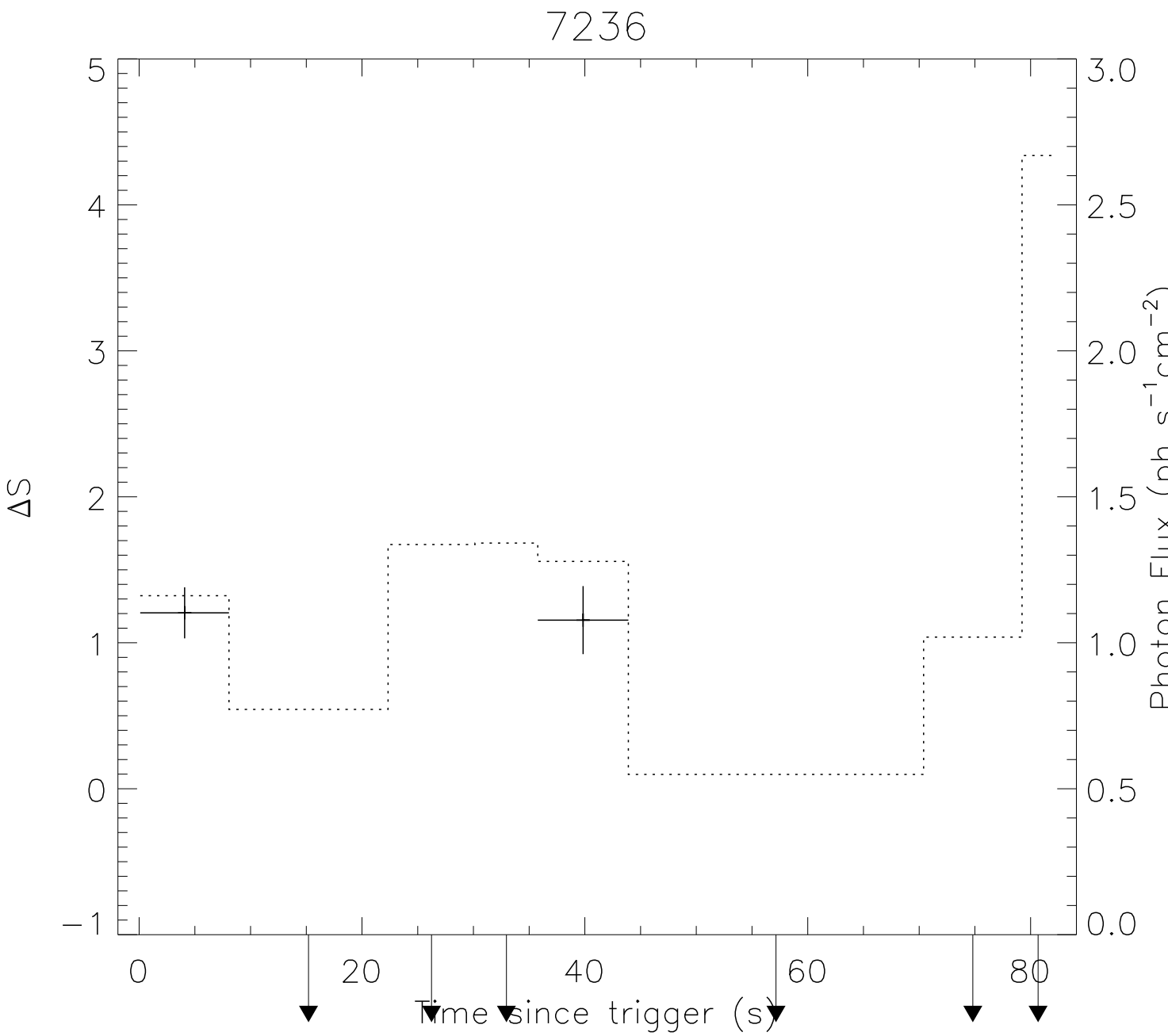

6985
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
−1
0
1
2
3
4
5
0
10
20
30
40

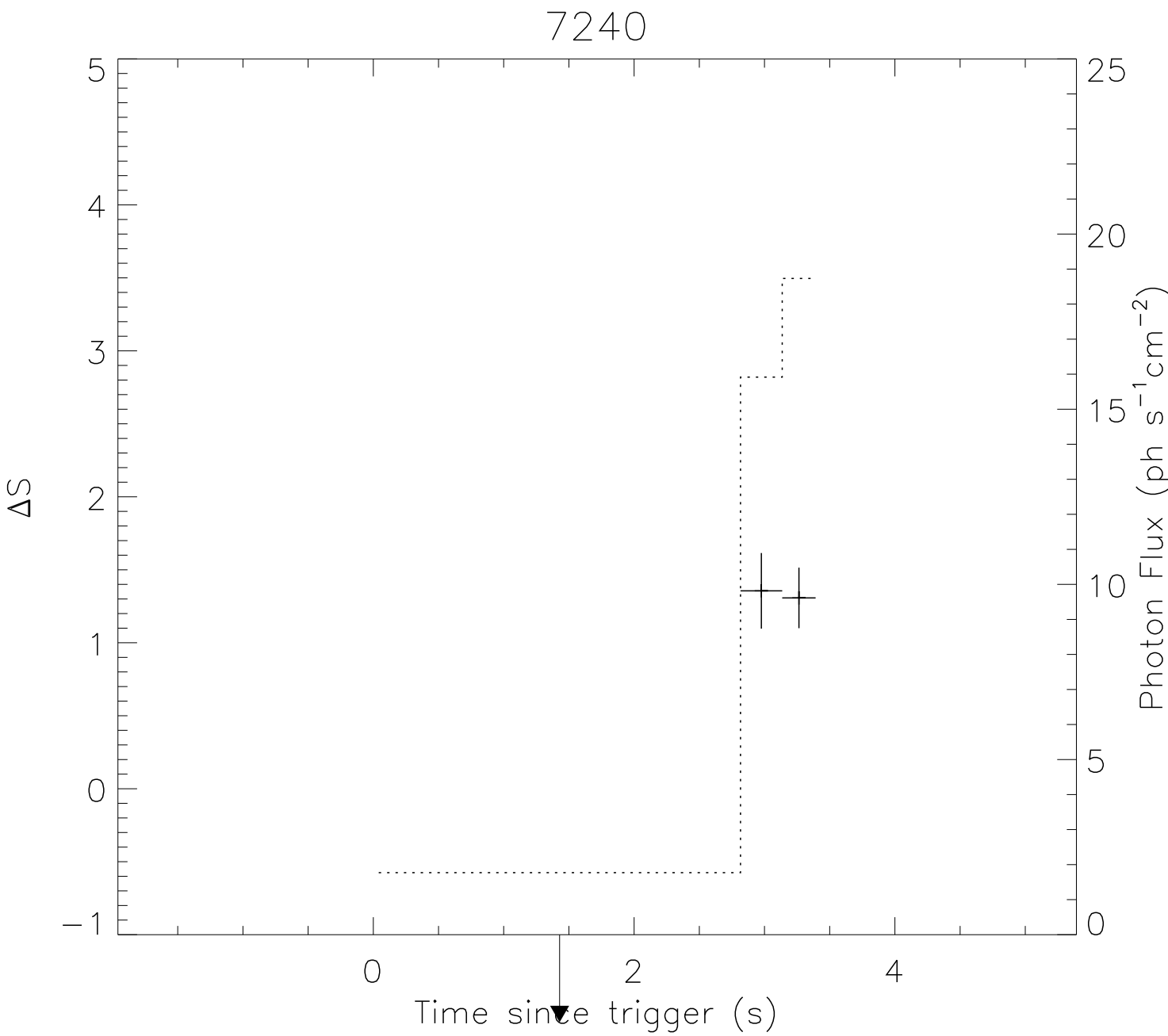

7012
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
5
10
15
20
25
30

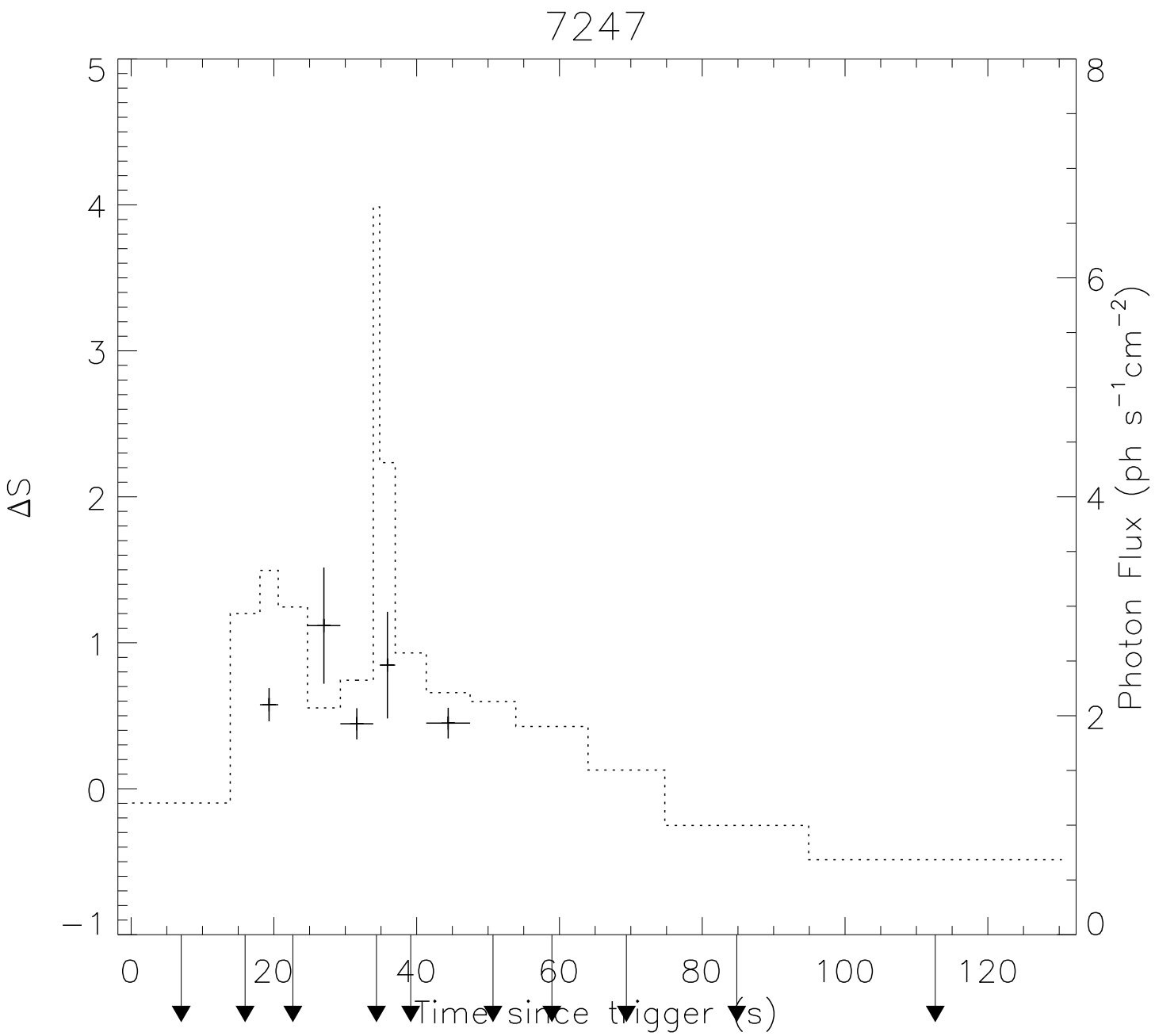

7028
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
2
4
6

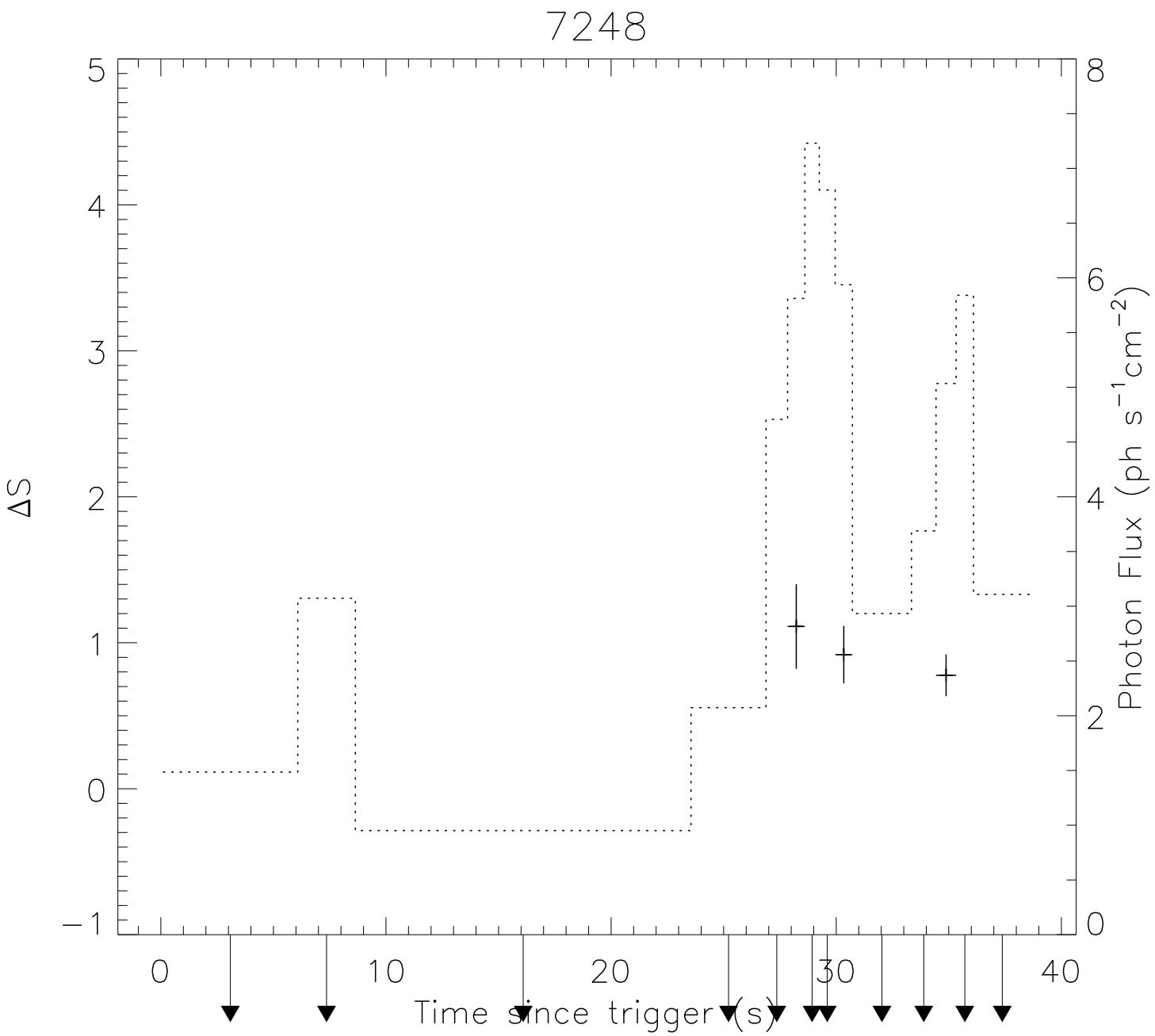

7113
ΔS
5
4
3
2
1
0
−1
300
250
200
150
100
50
0
0
20
40
60
Time since trigger (s)

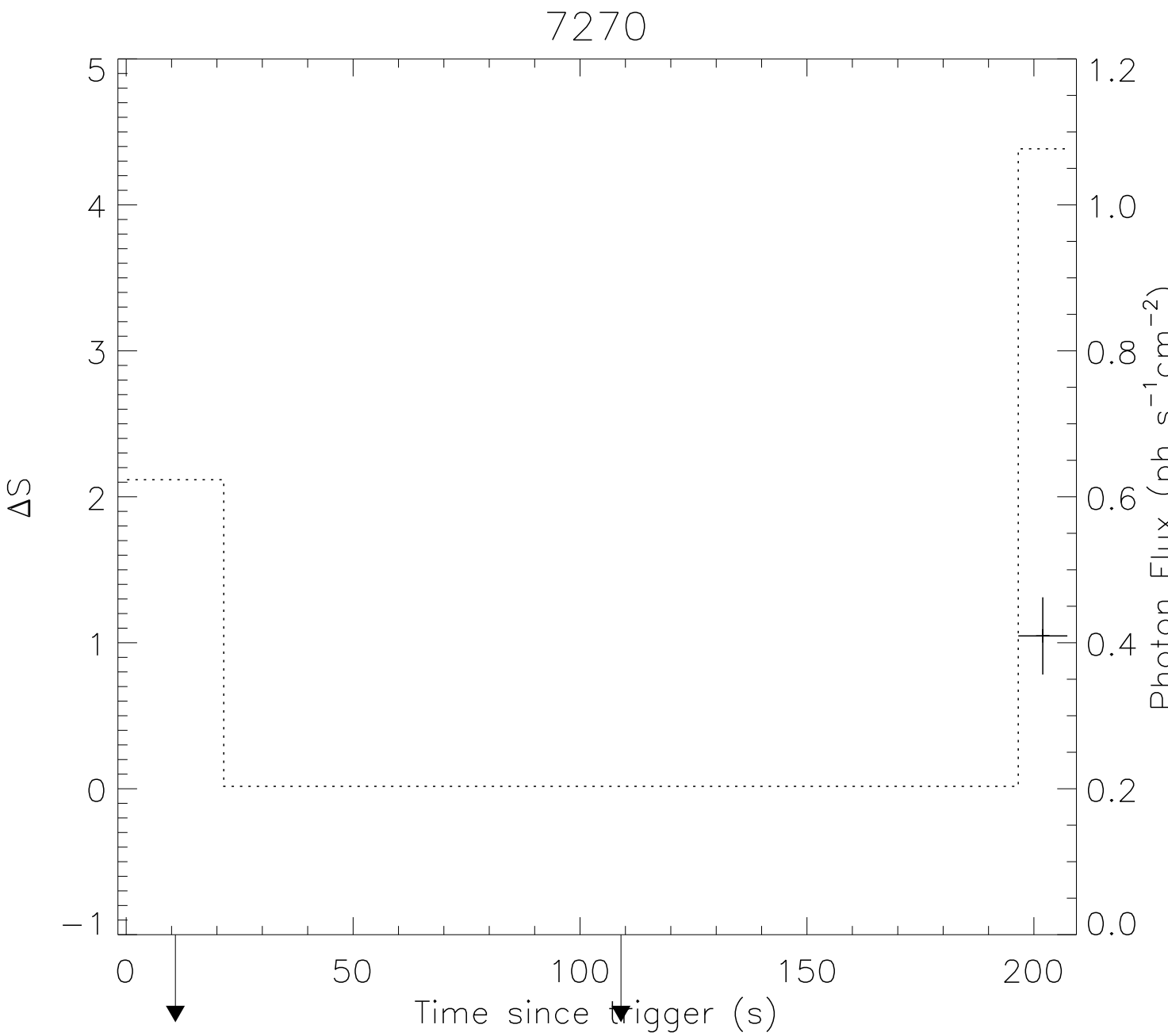

7170
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
20
40
60
80
100

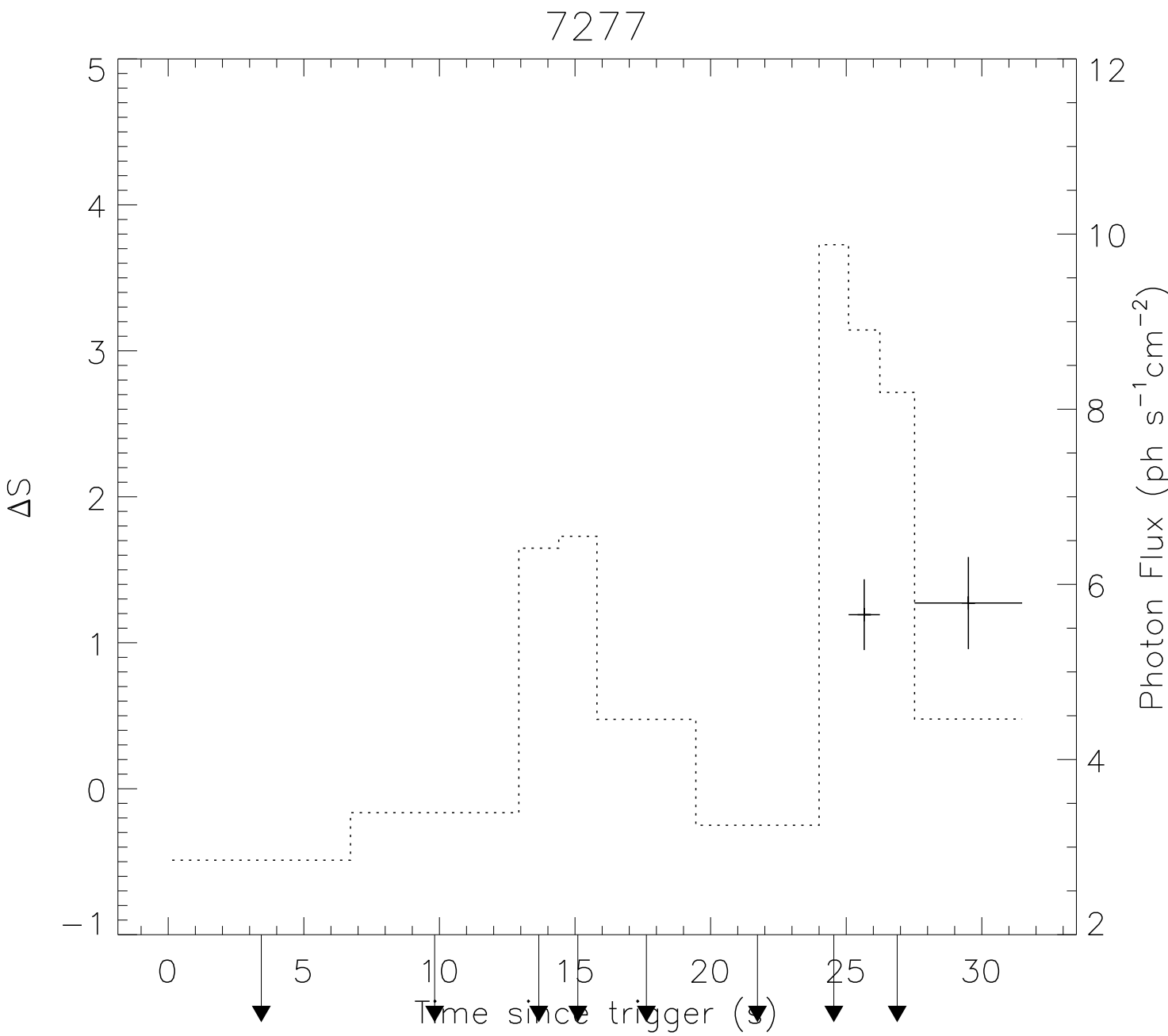

7236
5
4
3
2
1
0
−1
ΔS
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
Time since trigger (s)

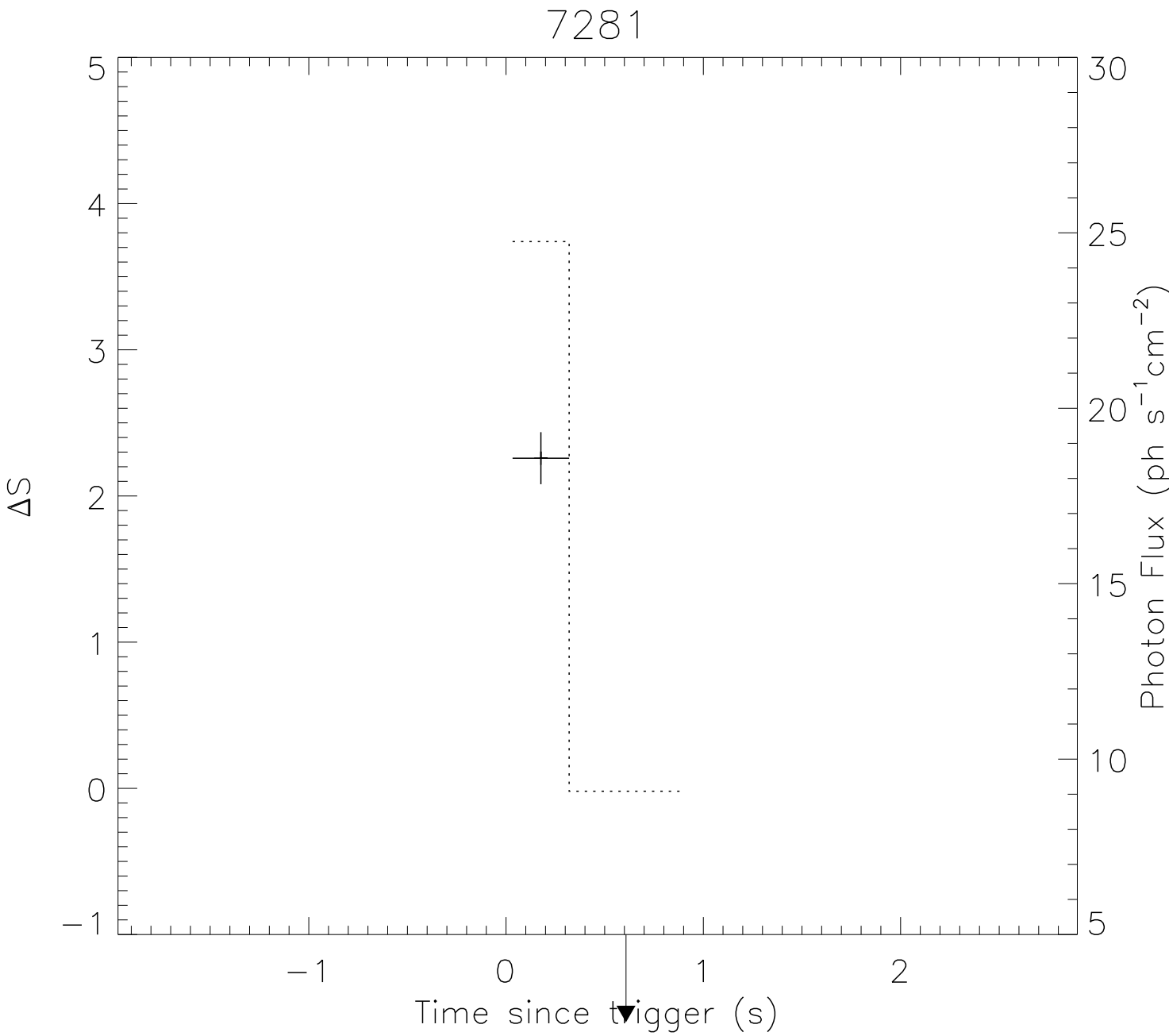

7240
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
2
4

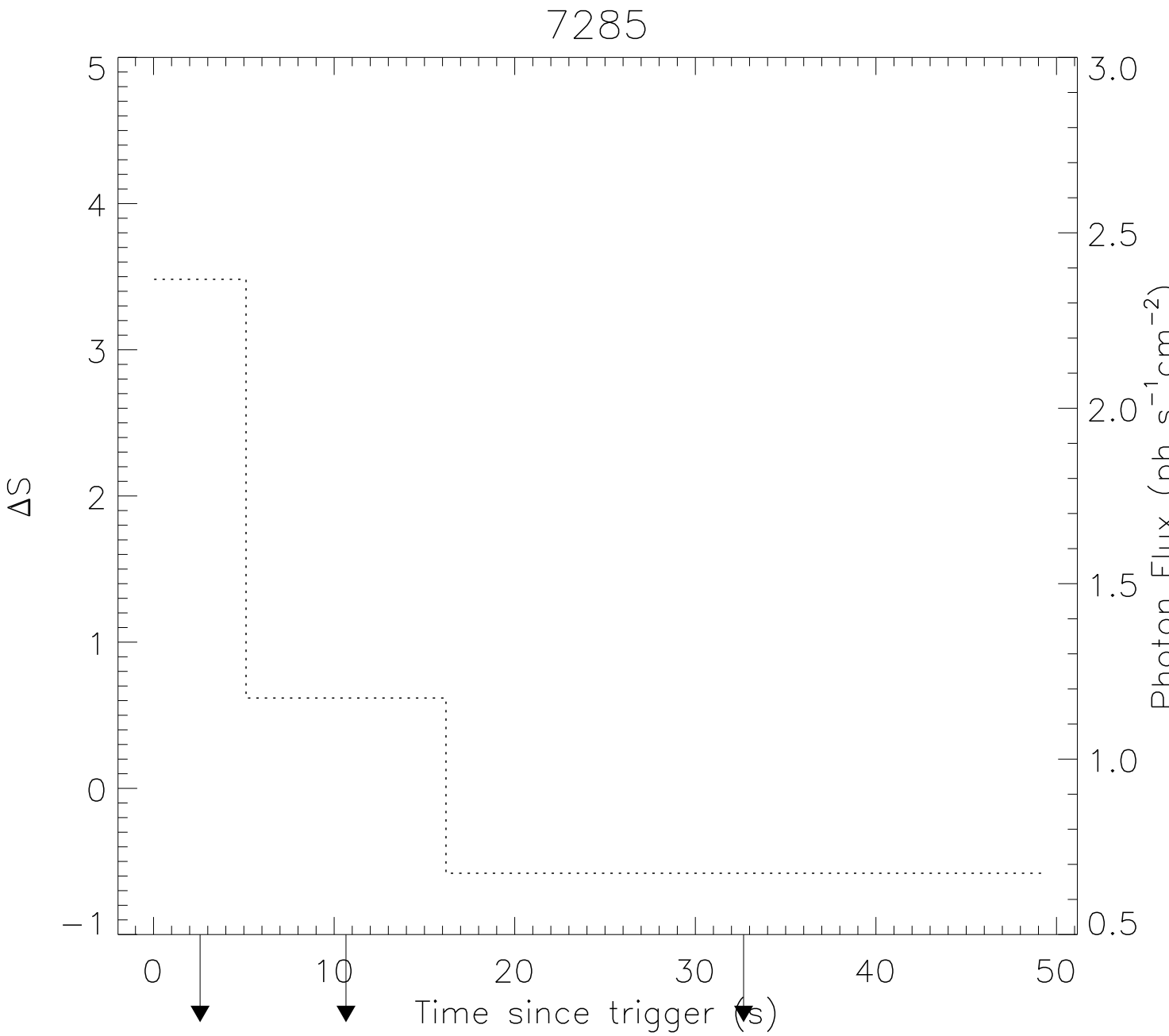

7247
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
20
40
60
80
100
120

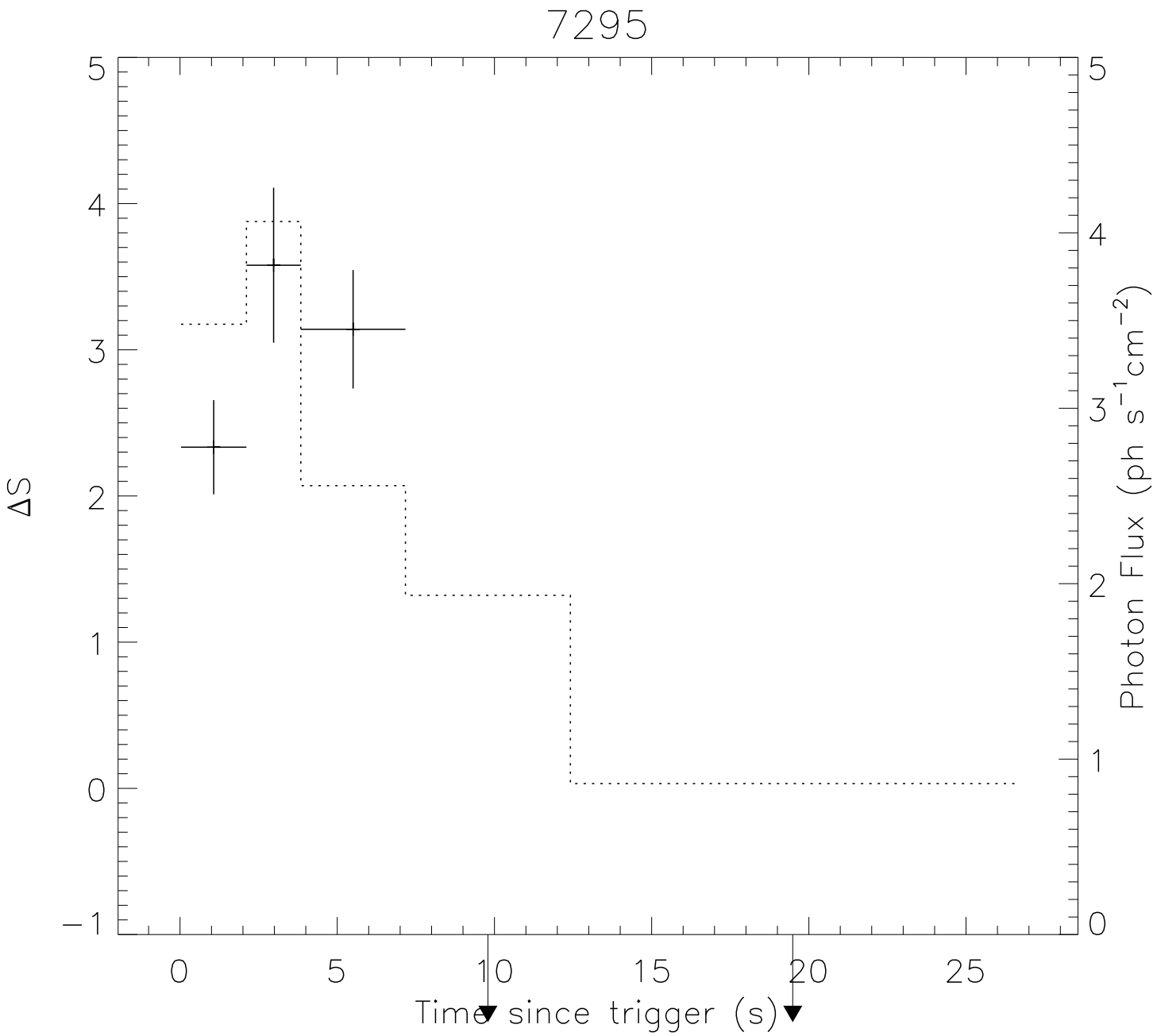

7248
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
10
20
30
40

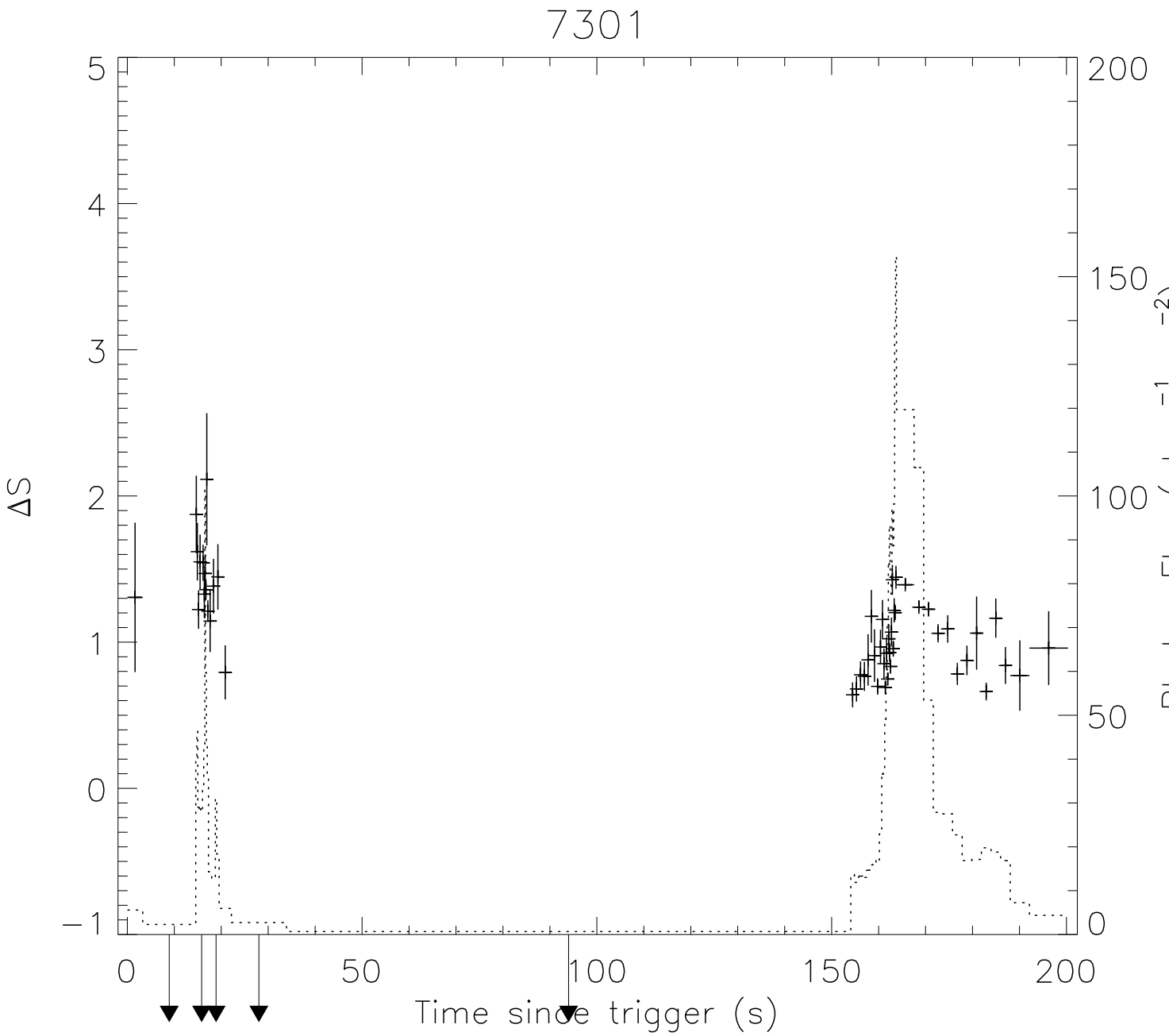

7270
5
4
3
2
1
0
−1
ΔS
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
50
100
150
200
Time since trigger (s)

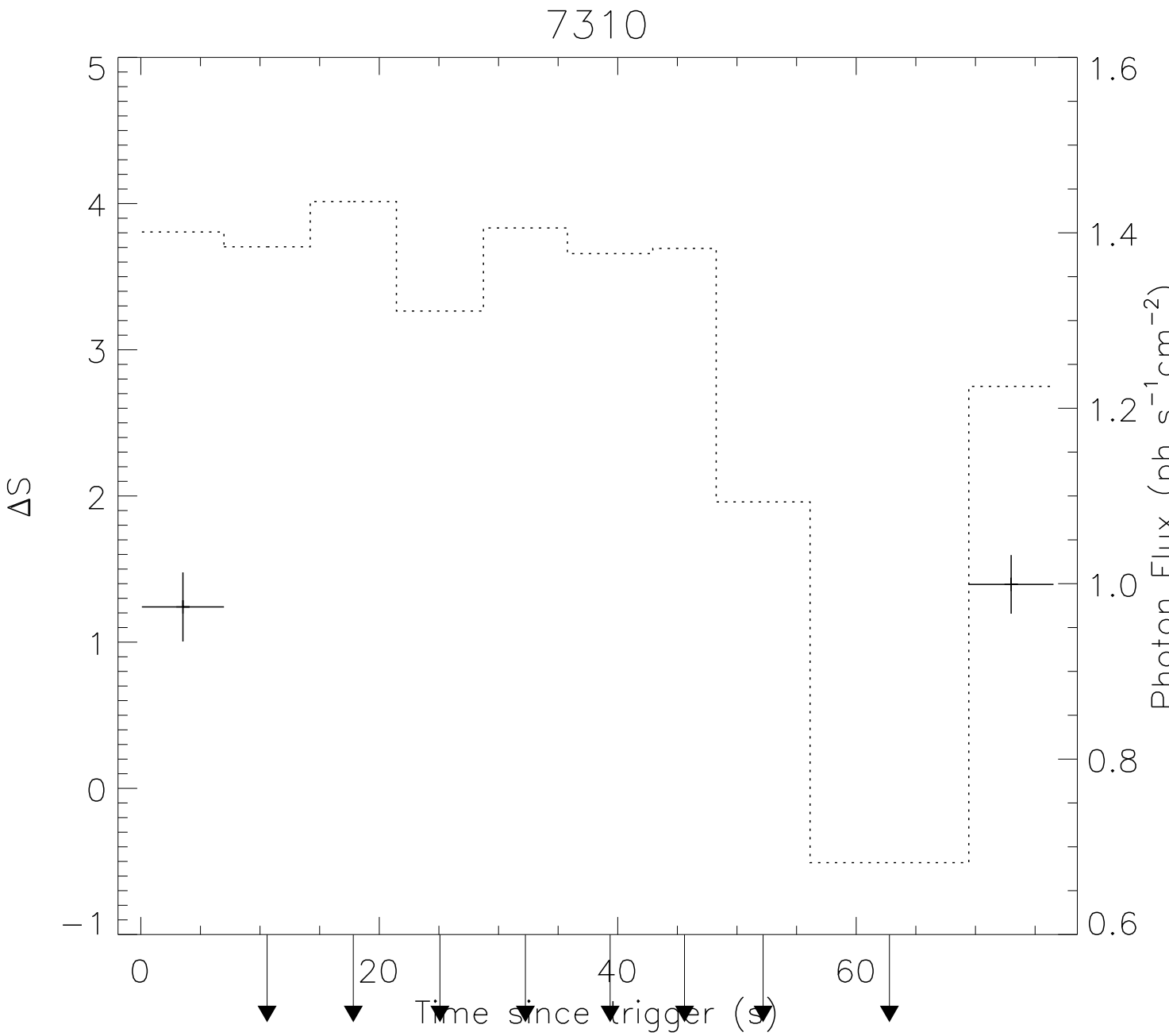

7277
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
12
10
8
6
4
2
0
5
10
15
20
25
30

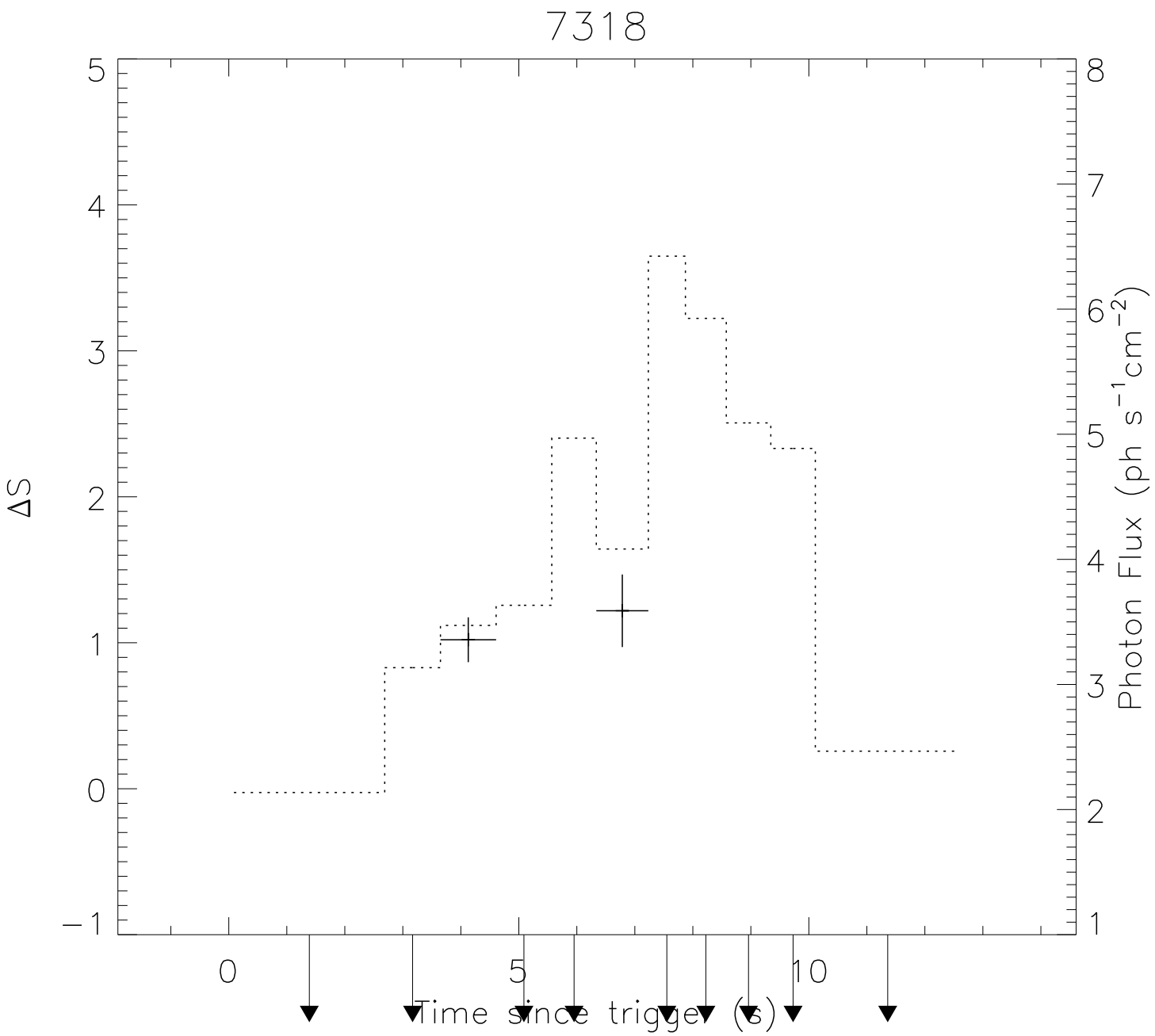

7281
5
4
3
2
1
0
−1
ΔS
30
25
20
15
10
5
Photon Flux (ph s^{-1}cm^{-2})
−1
0
1
2
Time since trigger (s)

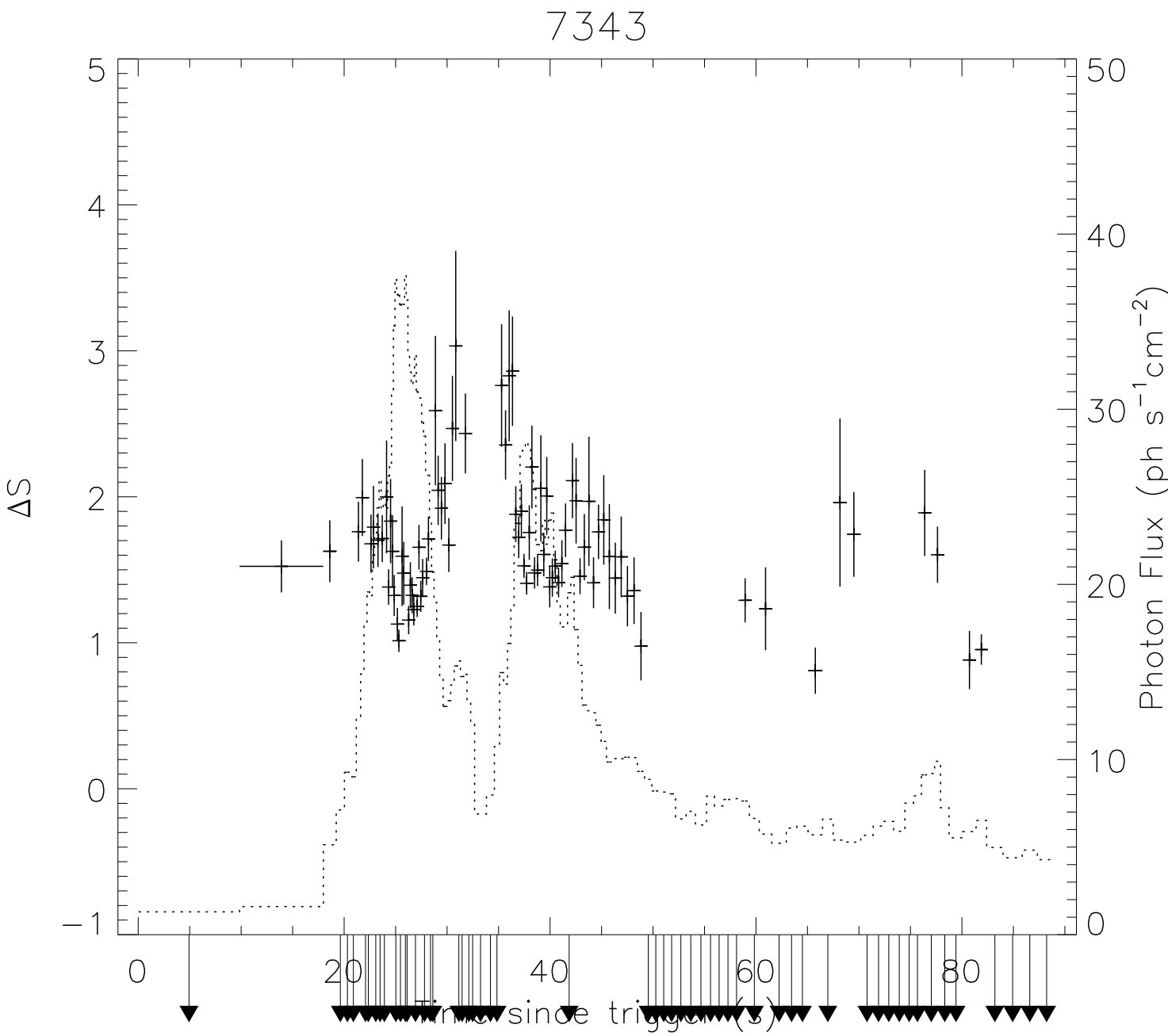

7285
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
3.0
2.5
2.0
1.5
1.0
0.5
0
10
20
30
40
50

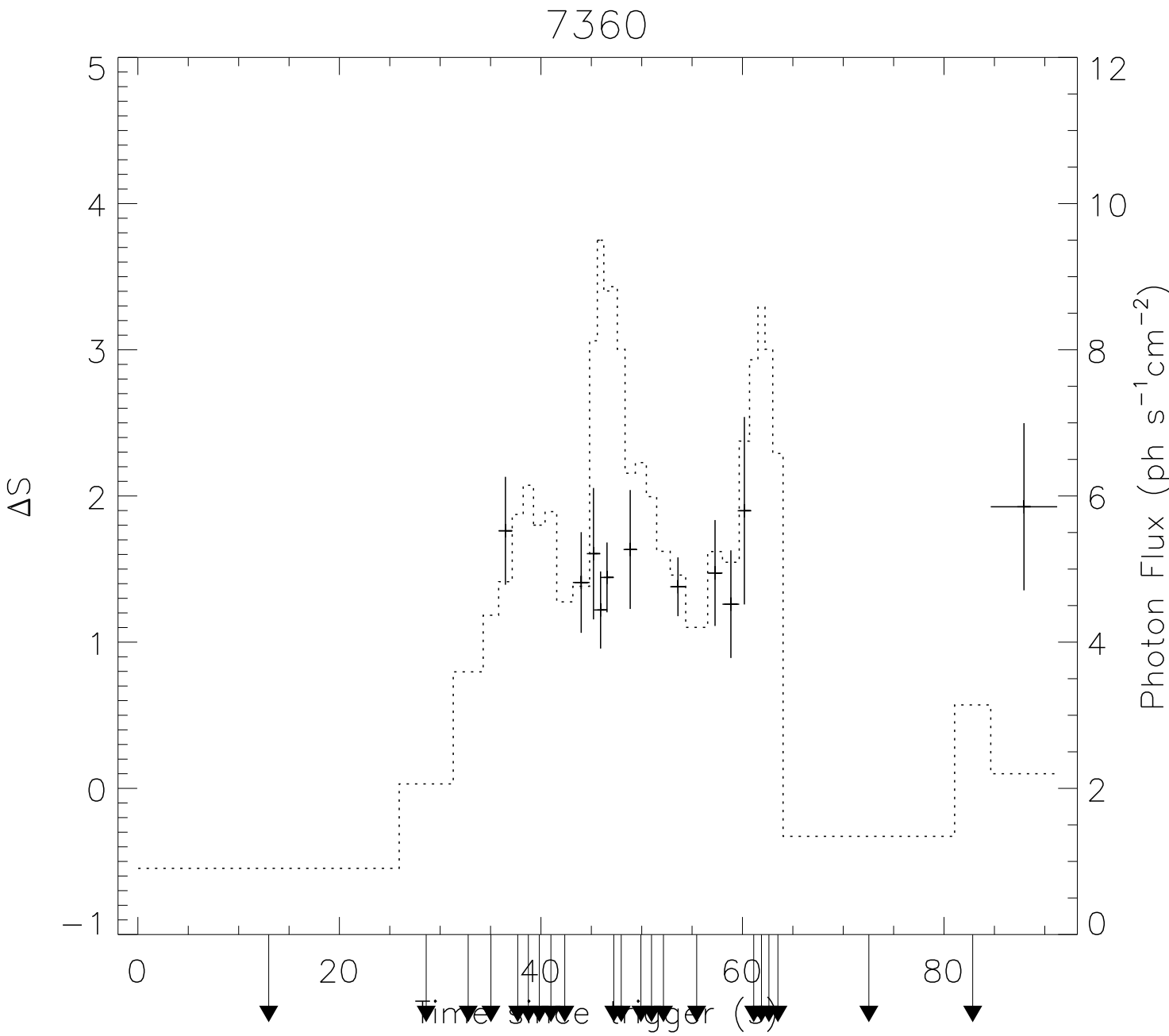

7295
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
5
10
15
20
25
−1
0
1
2
3
4
5

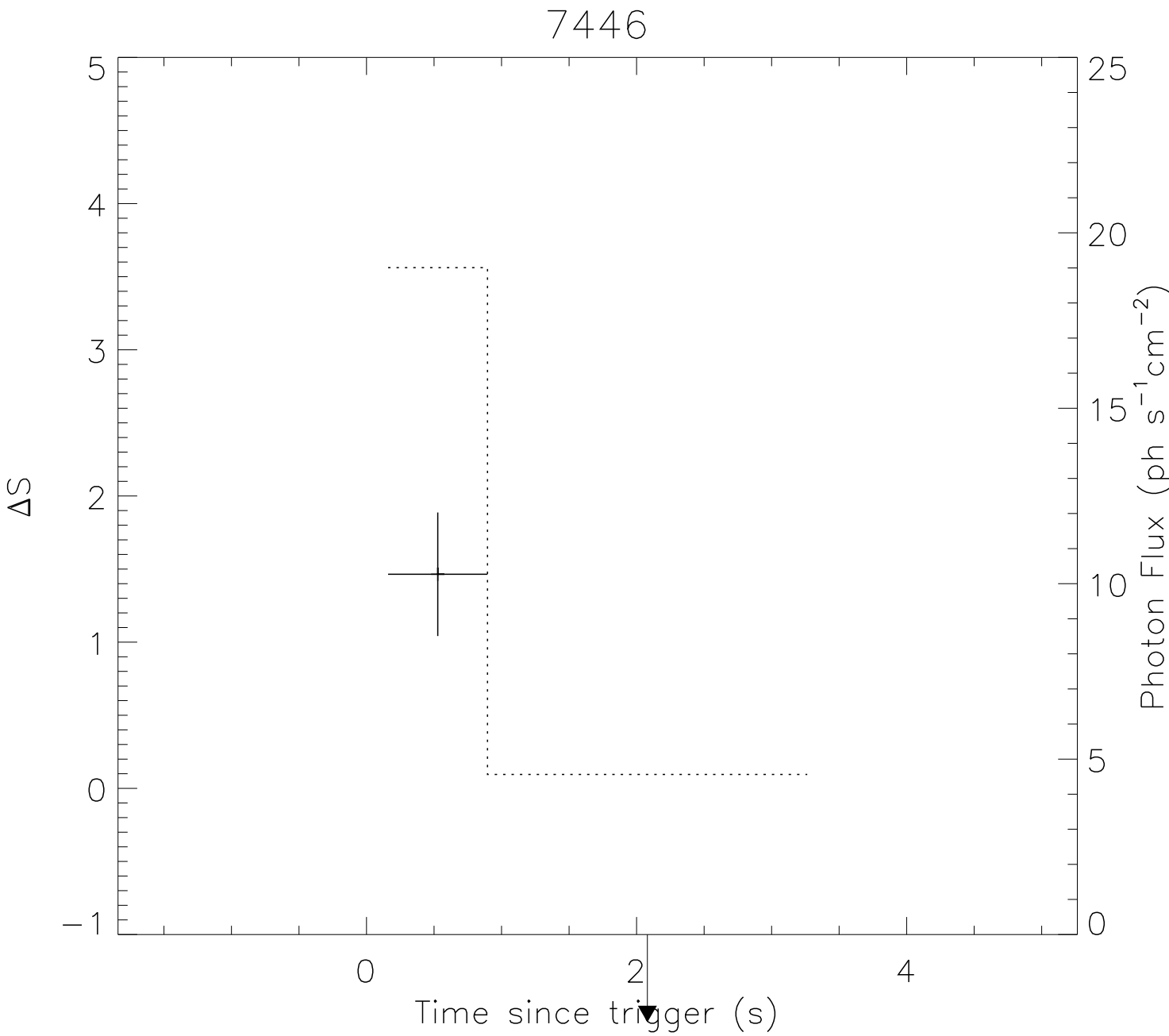

7301
ΔS
Time since trigger (s)
0
50
100
150
200
−1
0
1
2
3
4
5
0
50
100
150
200

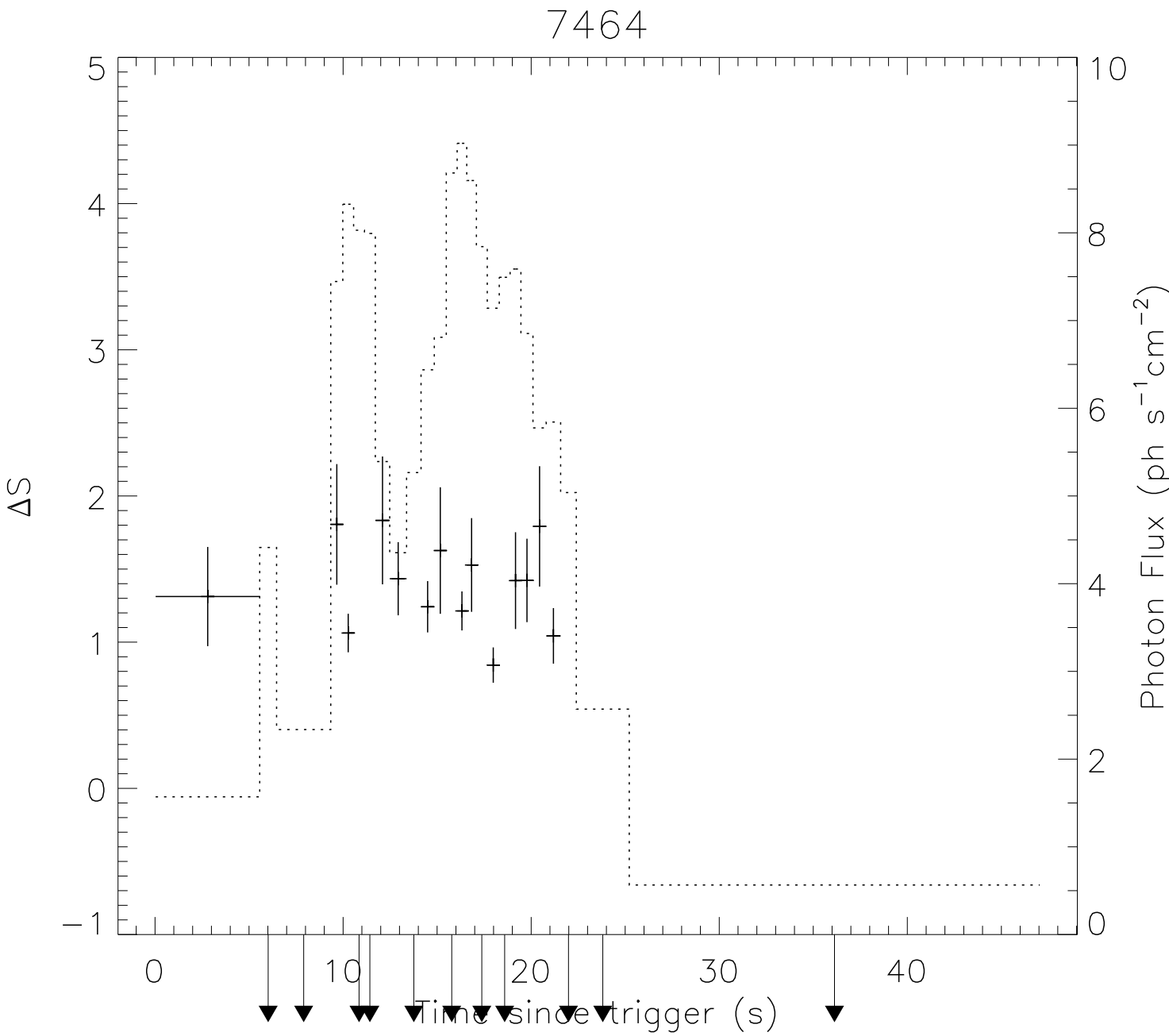

7310
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
1.6
1.4
1.2
1.0
0.8
0.6
0
20
40
60

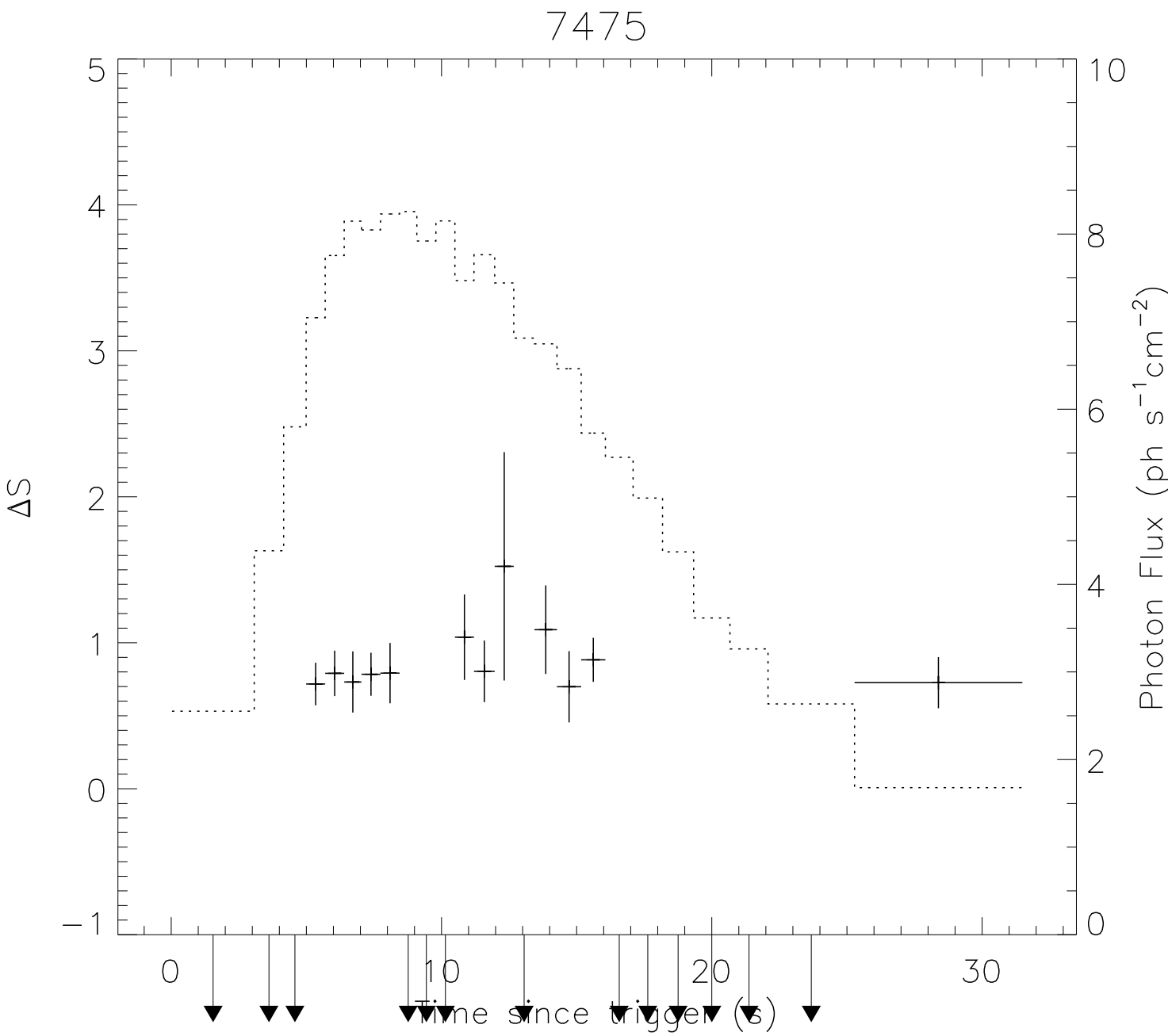

7318
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
5
10
−1
0
1
2
3
4
5
1
2
3
4
5
6
7
8

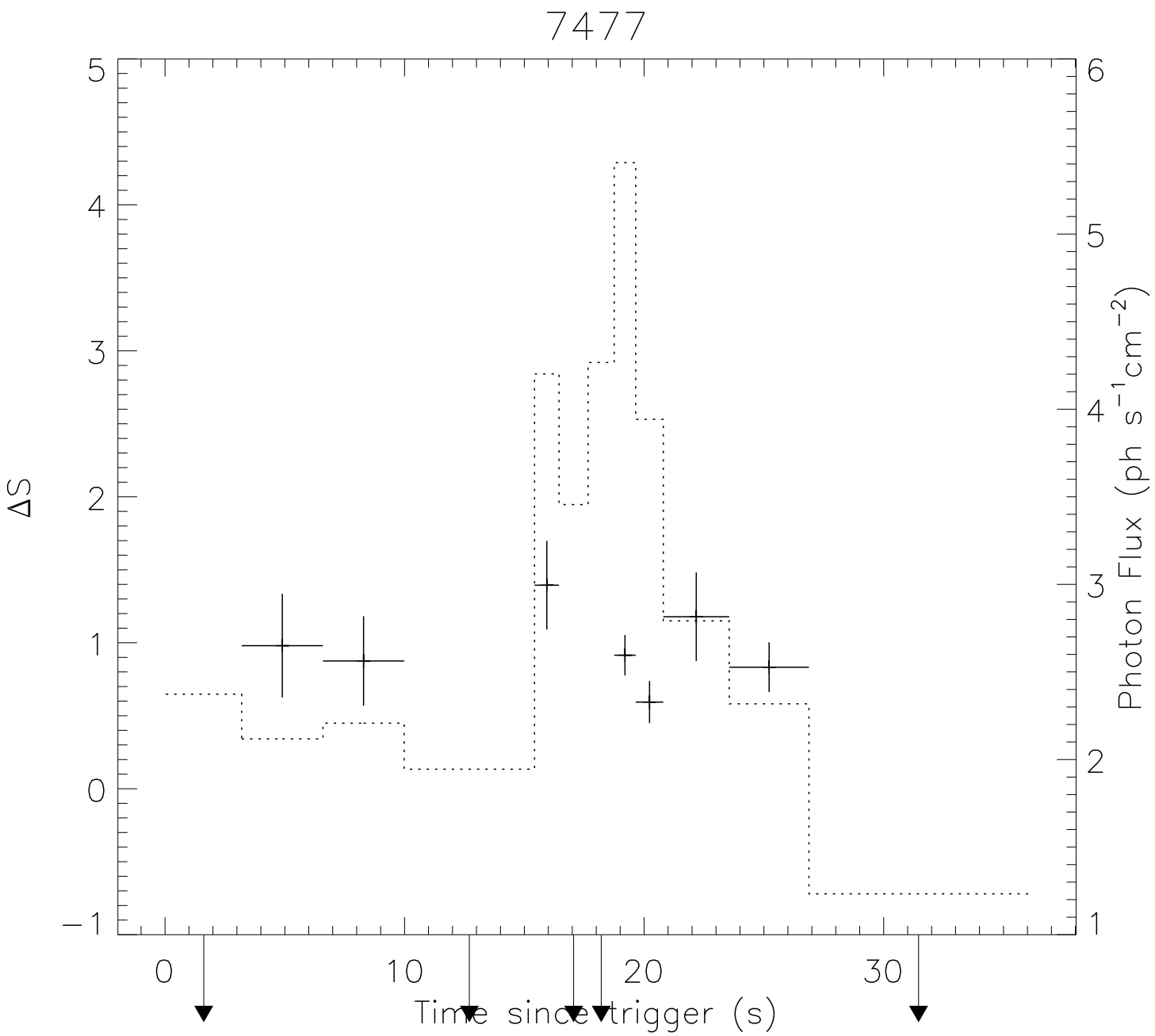

7343
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
20
40
60
80

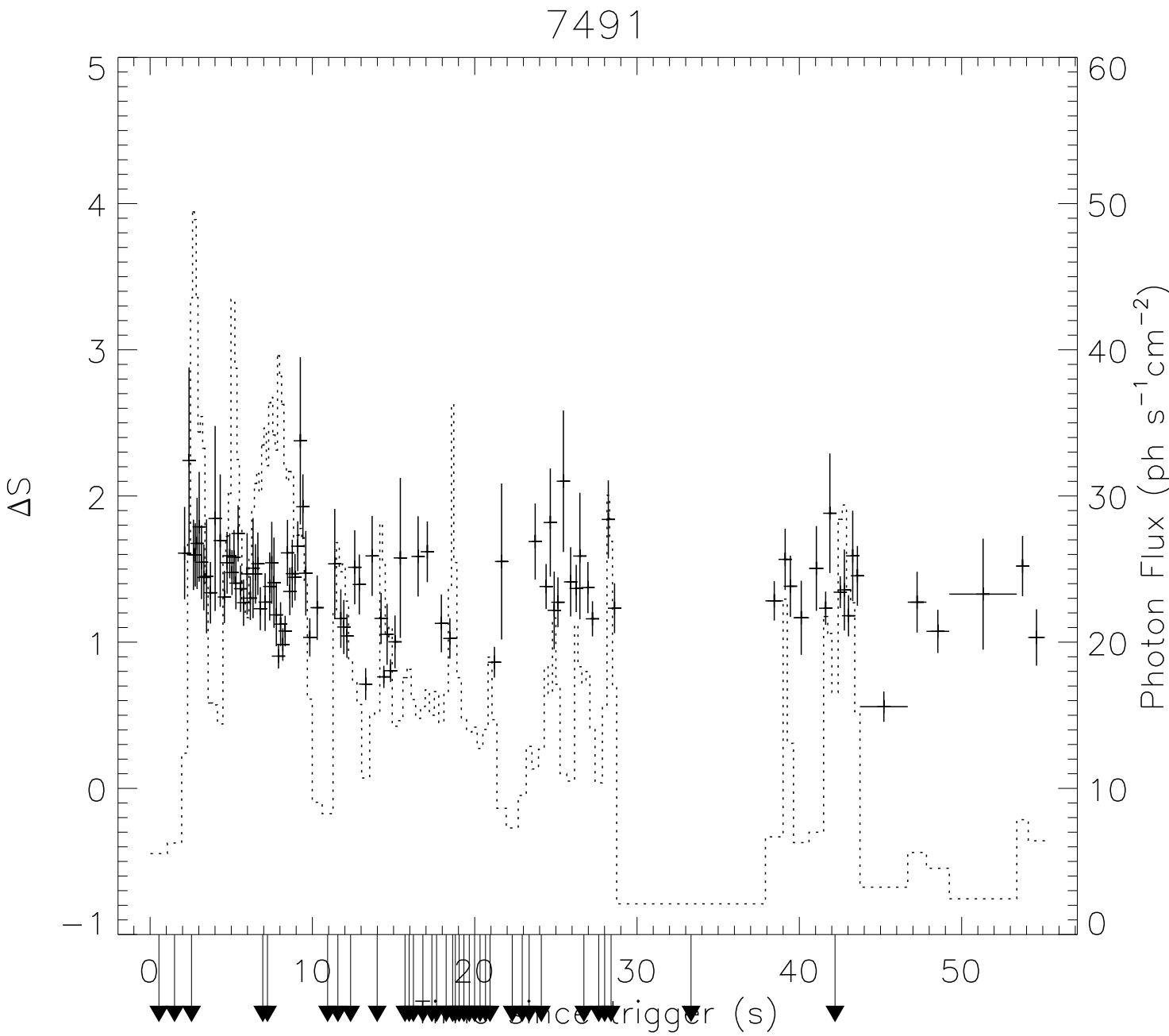

7360
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
−1
0
1
2
3
4
5
0
2
4
6
8
10
12

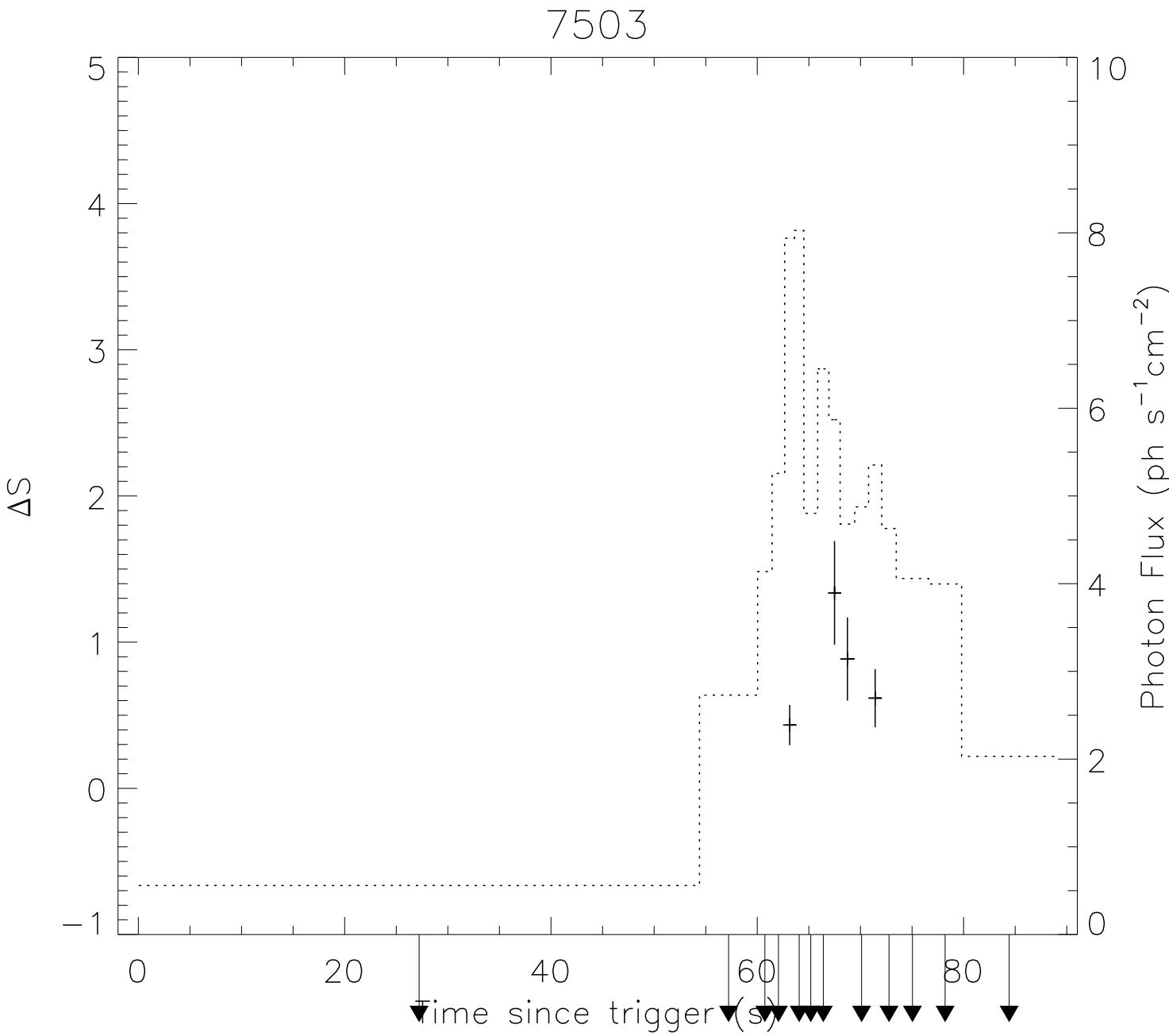

7446
5
4
3
2
1
0
−1
ΔS
25
20
15
10
5
0
Photon Flux (ph s^{-1}cm^{-2})
0
2
4
Time since trigger (s)

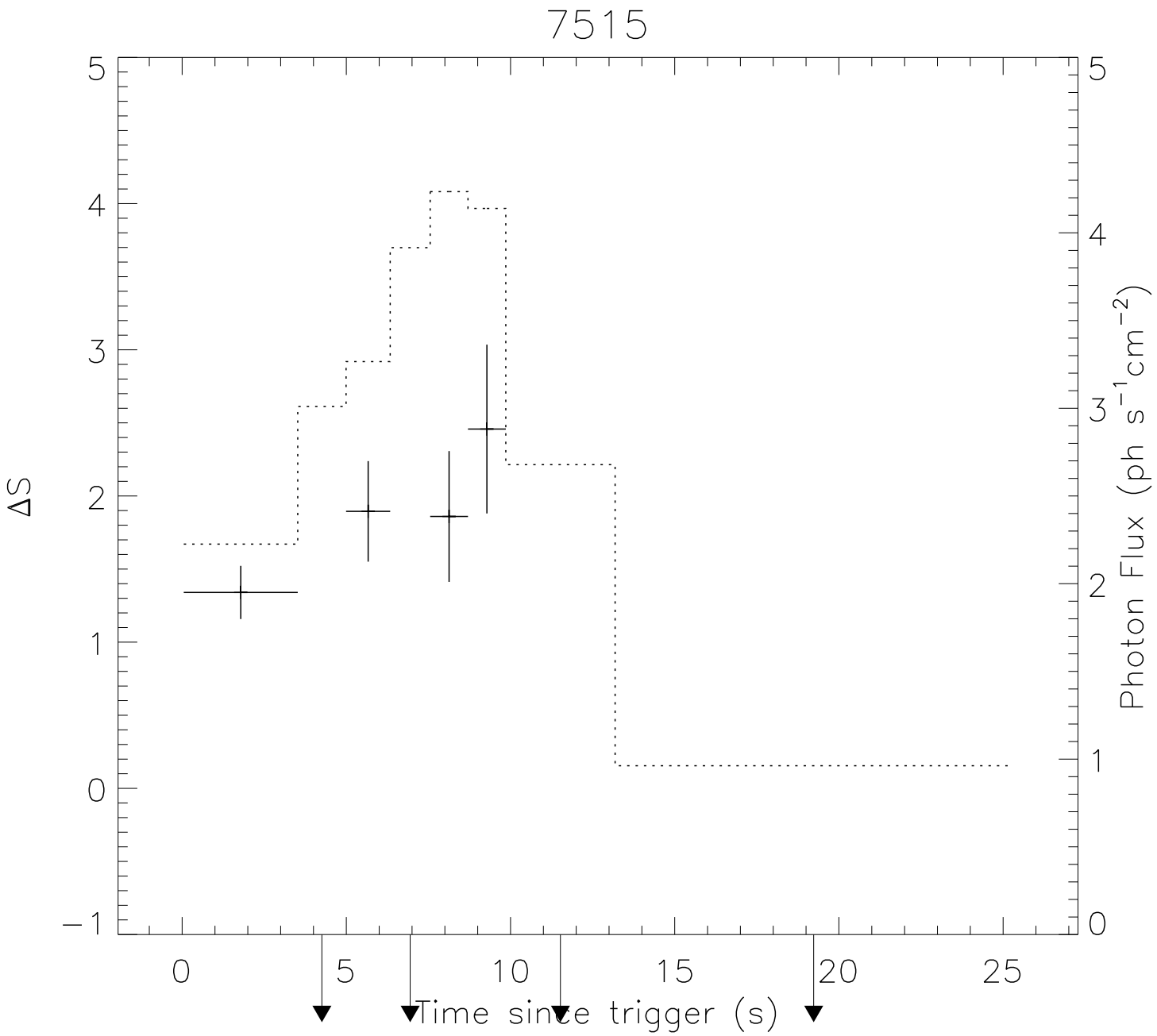

7464
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
40
−1
0
1
2
3
4
5
0
2
4
6
8
10

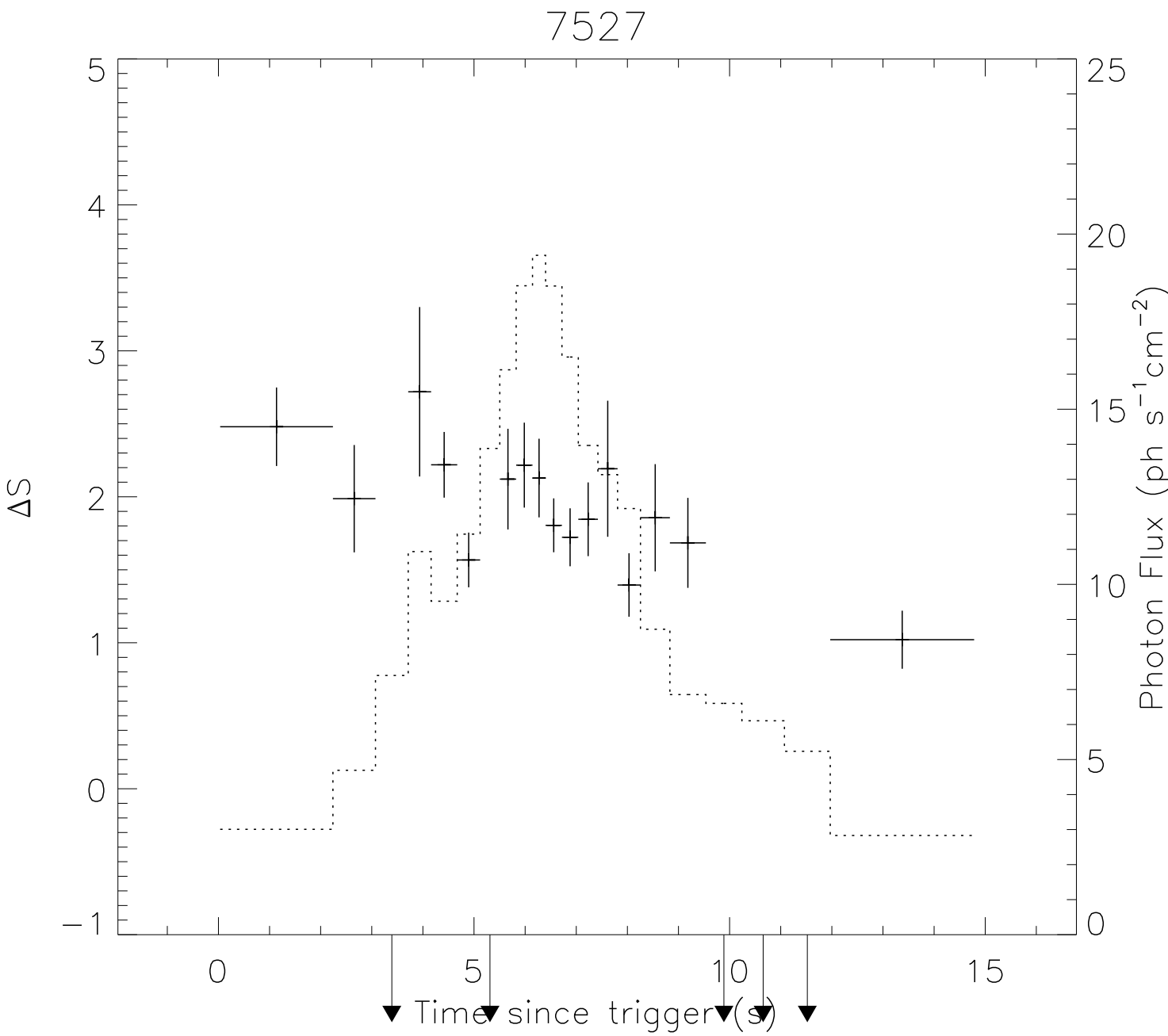

7475
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
10
8
6
4
2
0
0
10
20
30

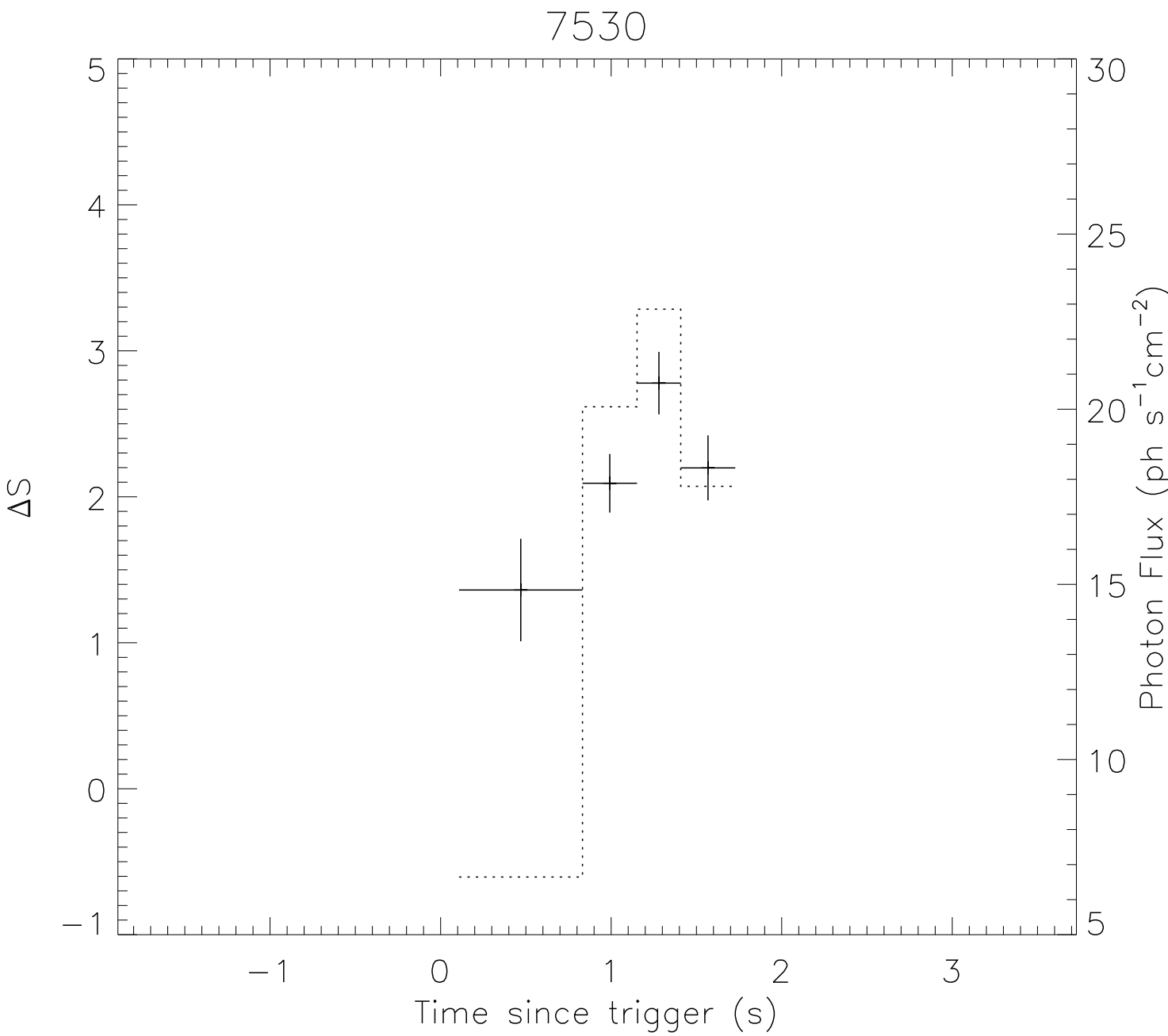

7477
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
6
5
4
3
2
1
0
10
20
30

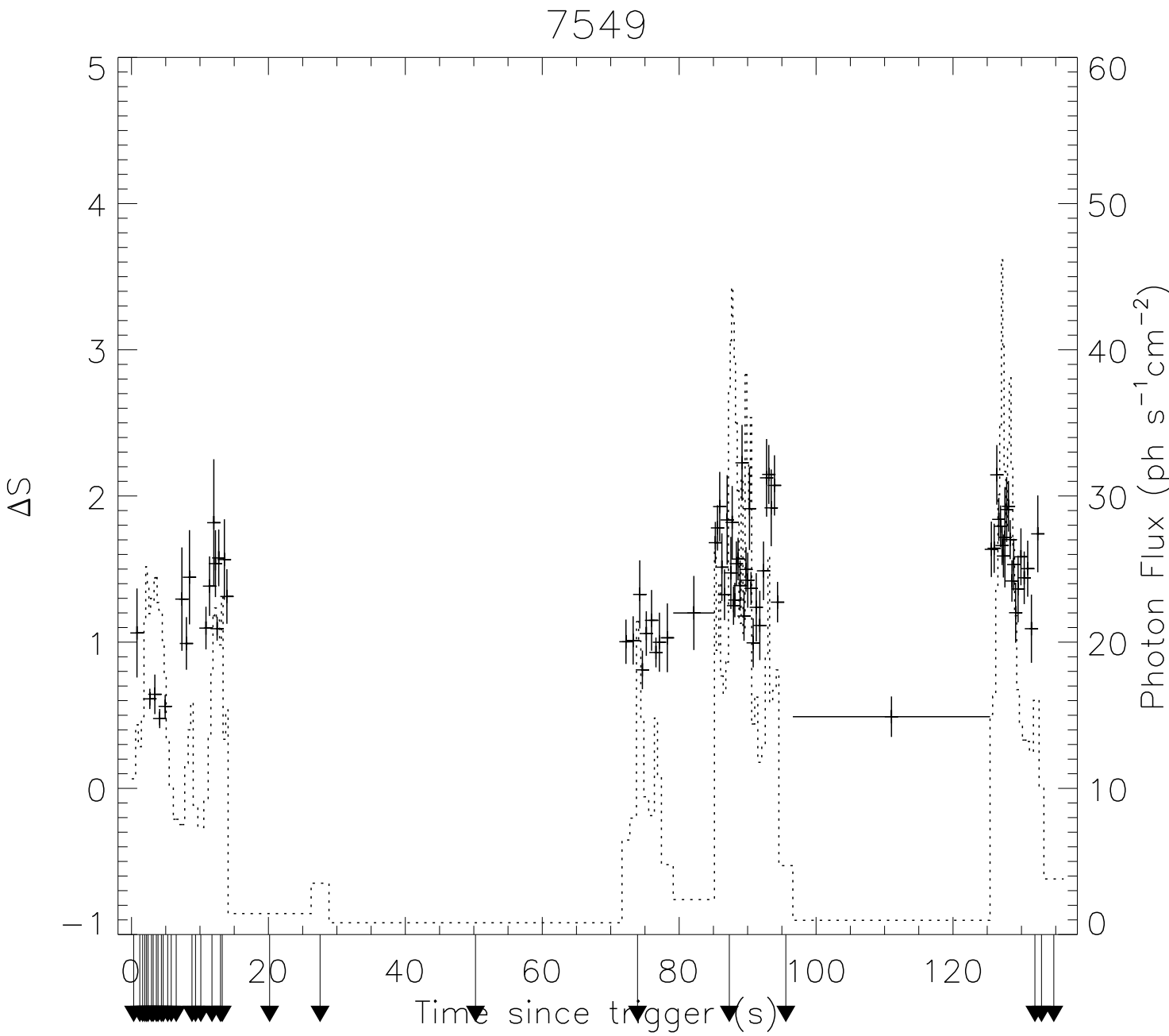

7491
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
60
50
40
30
20
10
0
0
10
20
30
40
50

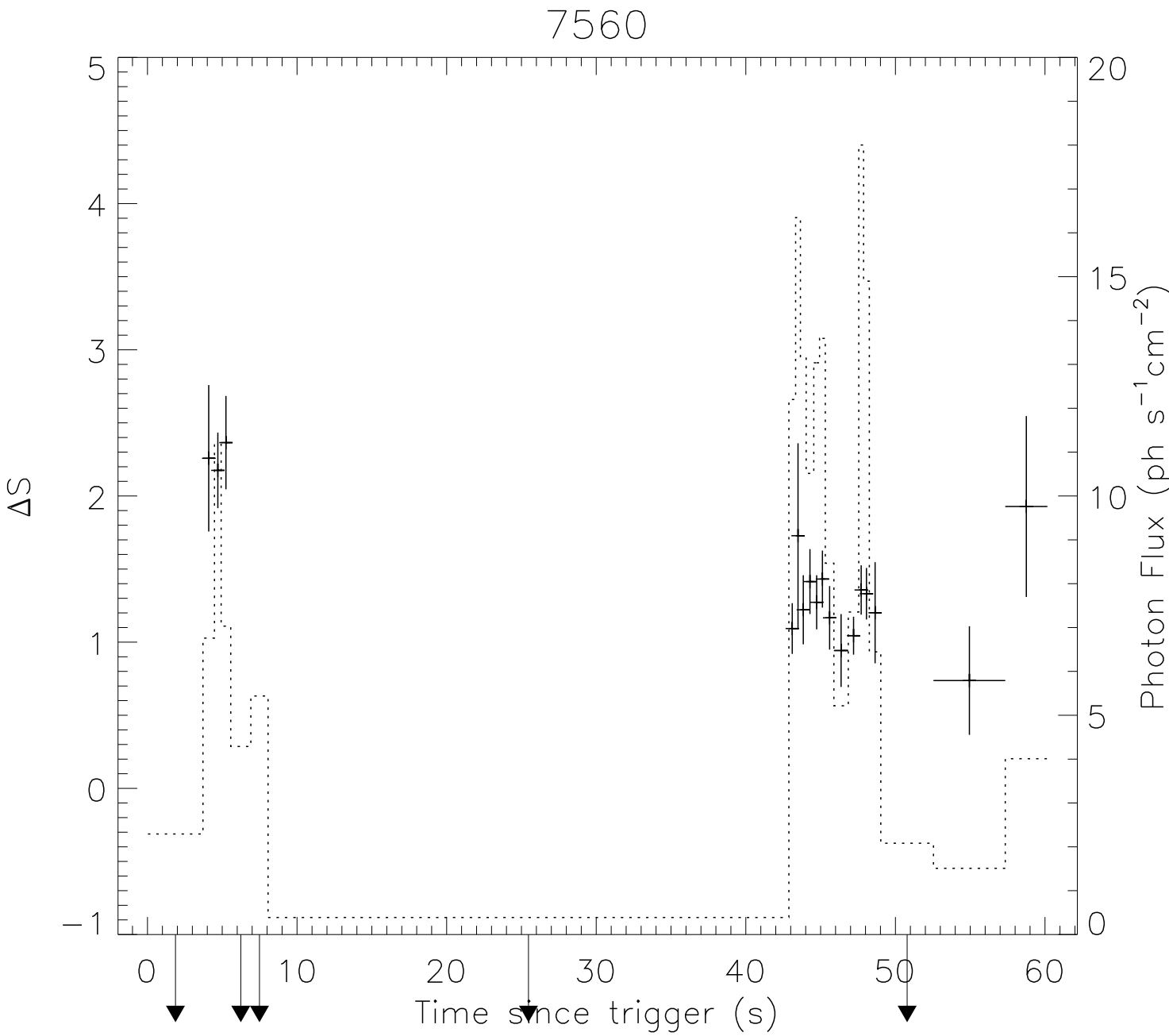

7503
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
−1
0
1
2
3
4
5
0
2
4
6
8
10

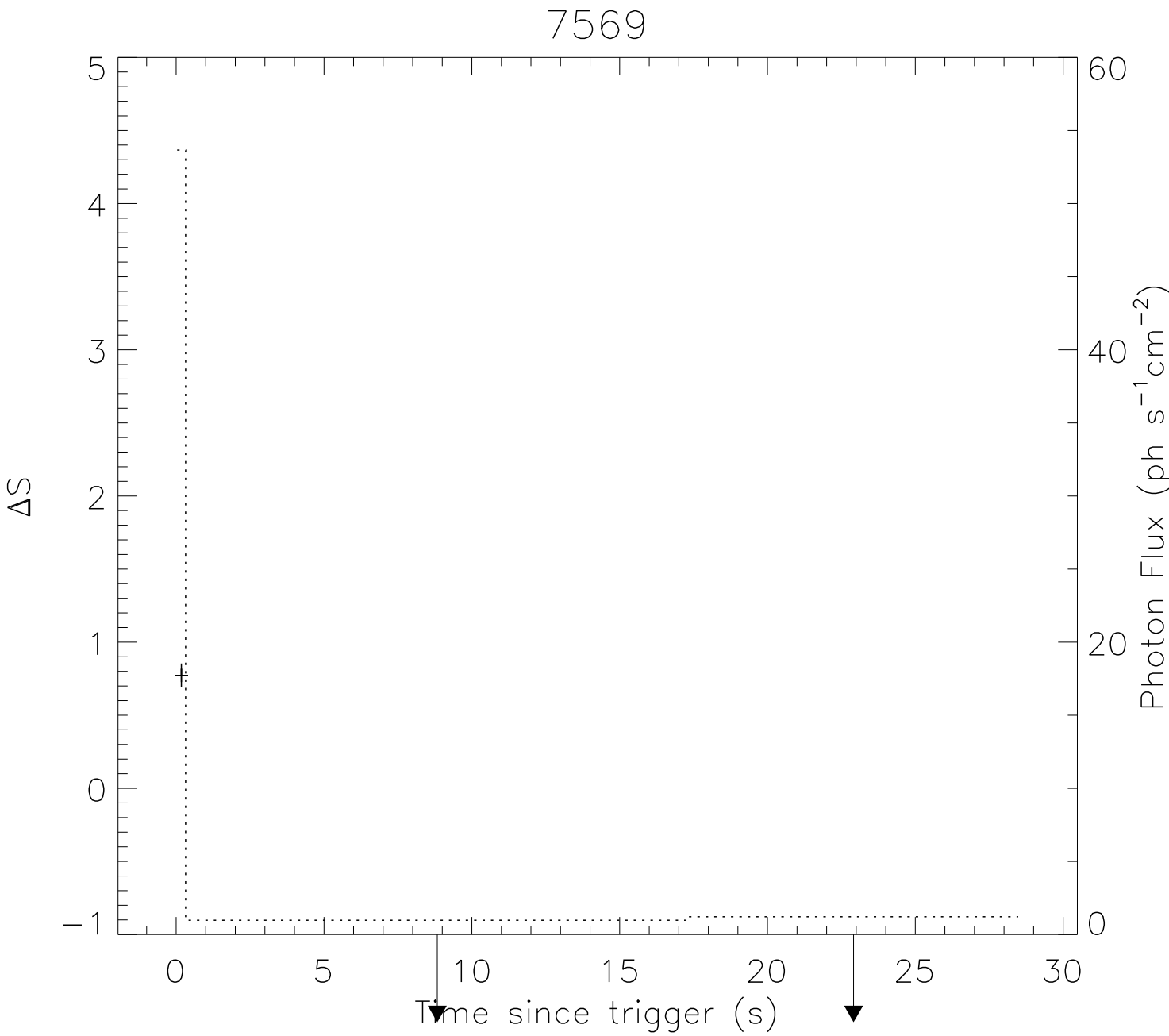

7515
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
5
10
15
20
25
−1
0
1
2
3
4
5

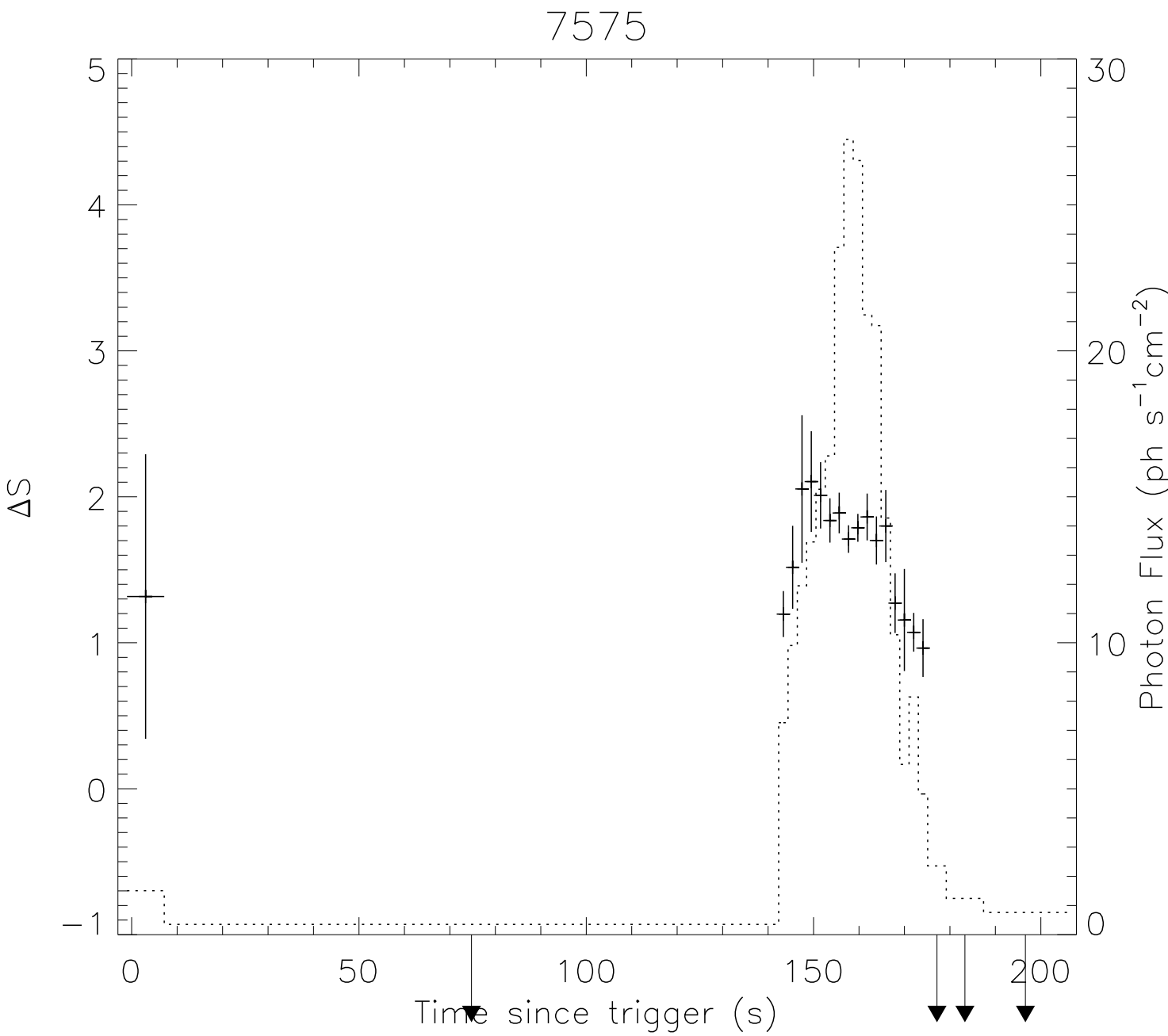

7527
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
5
10
15

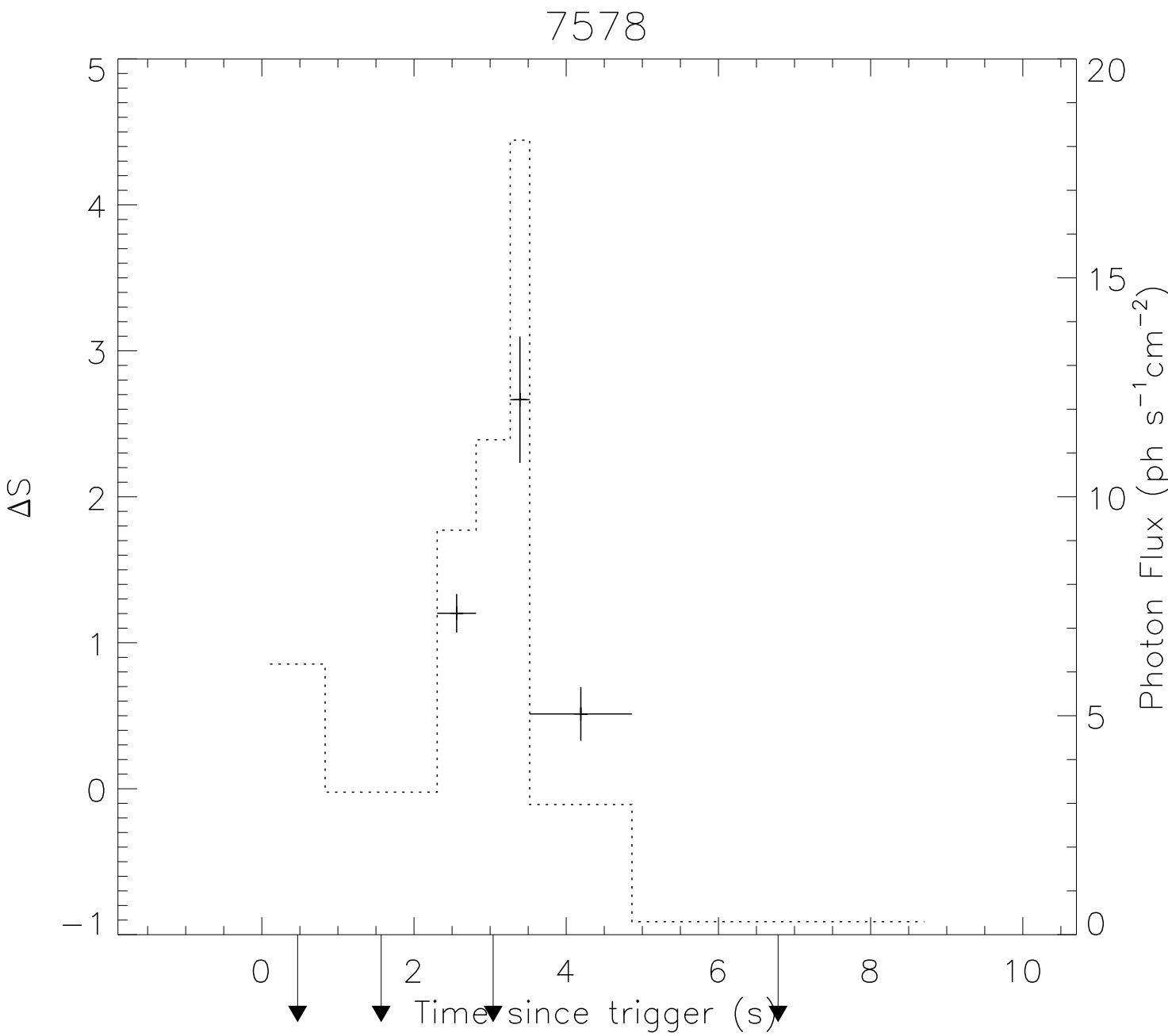

7530
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
−1
0
1
2
3

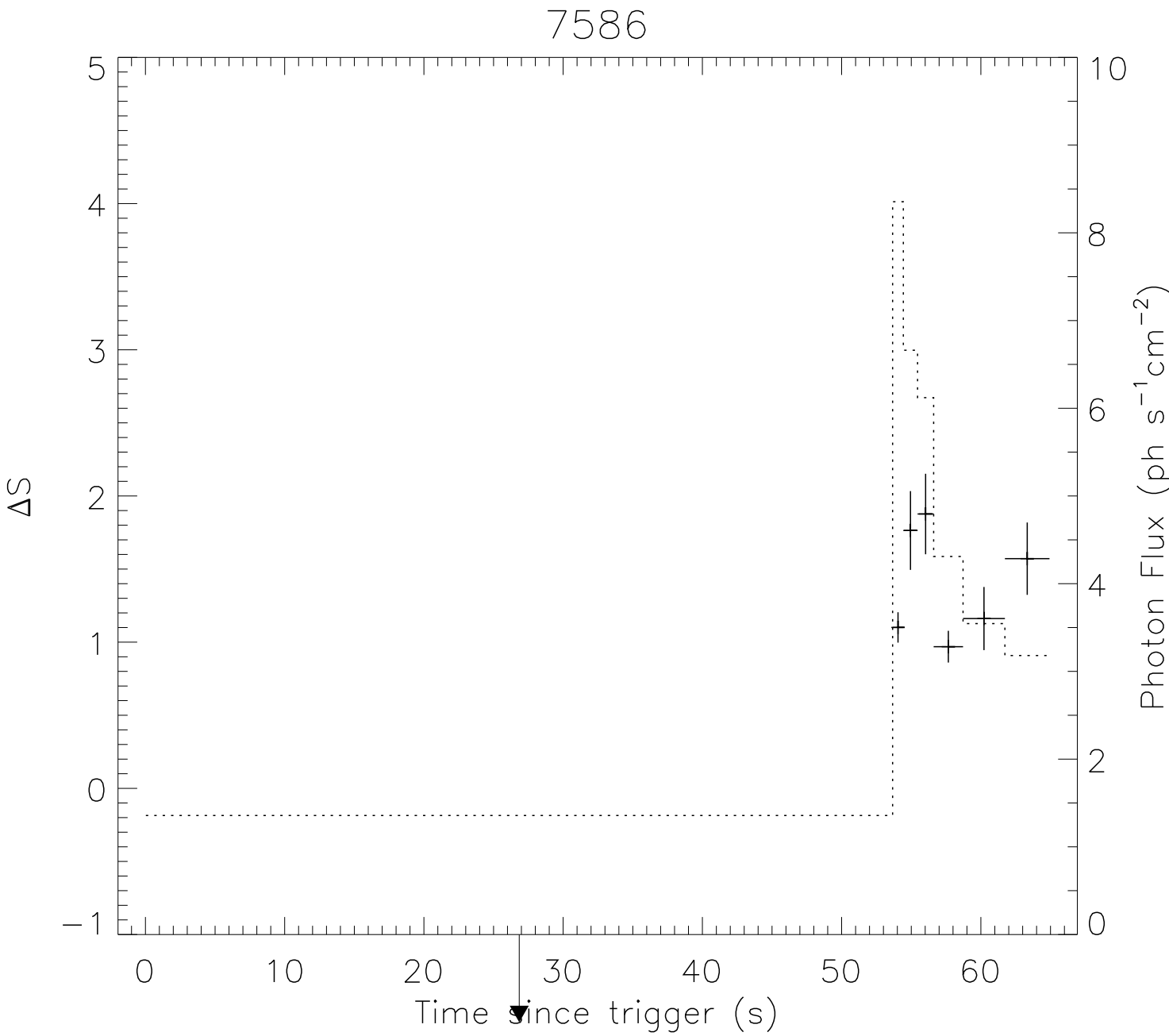

7549
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
60
50
40
30
20
10
0
0
20
40
60
80
100
120

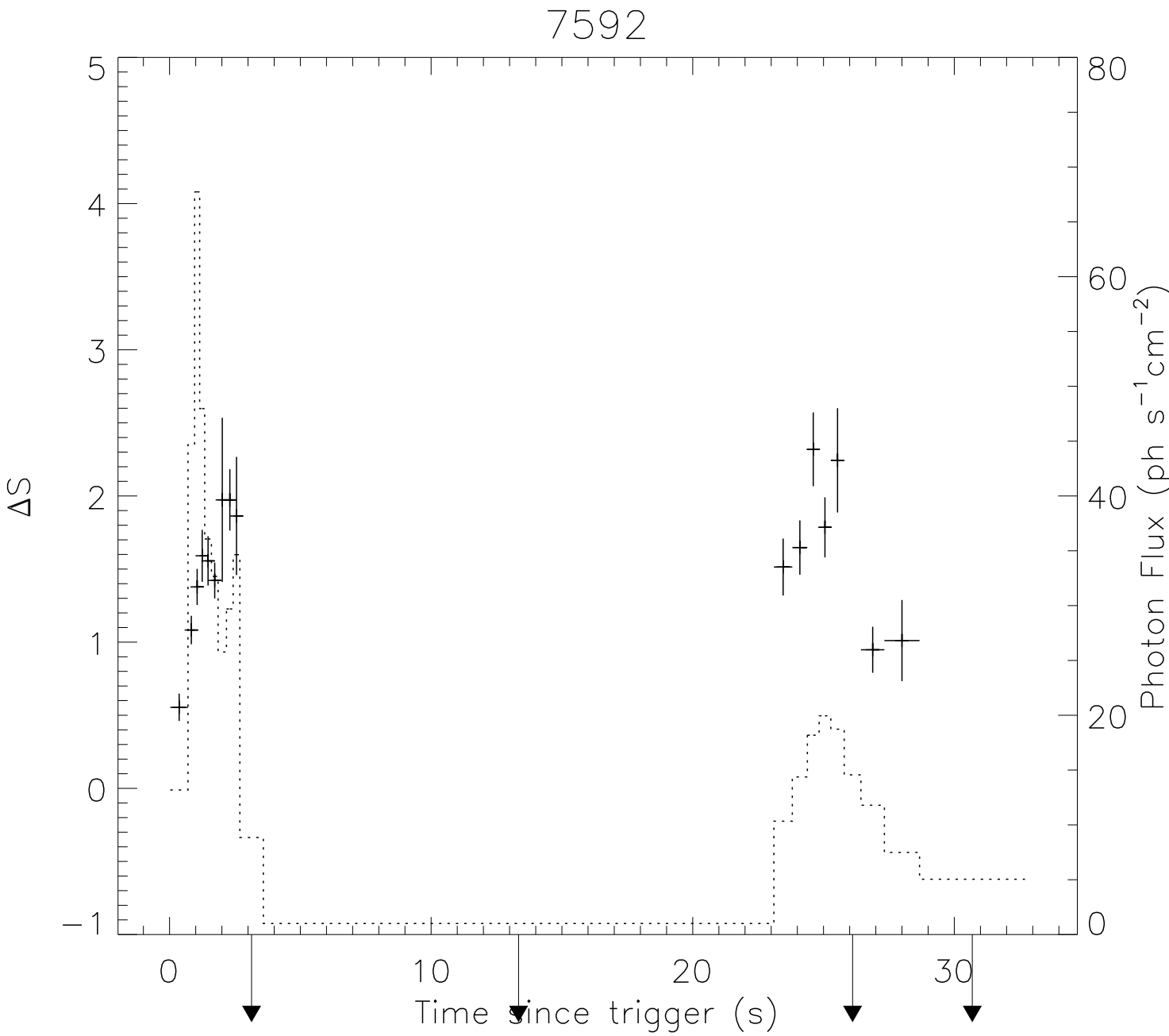

7560
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
10
20
30
40
50
60

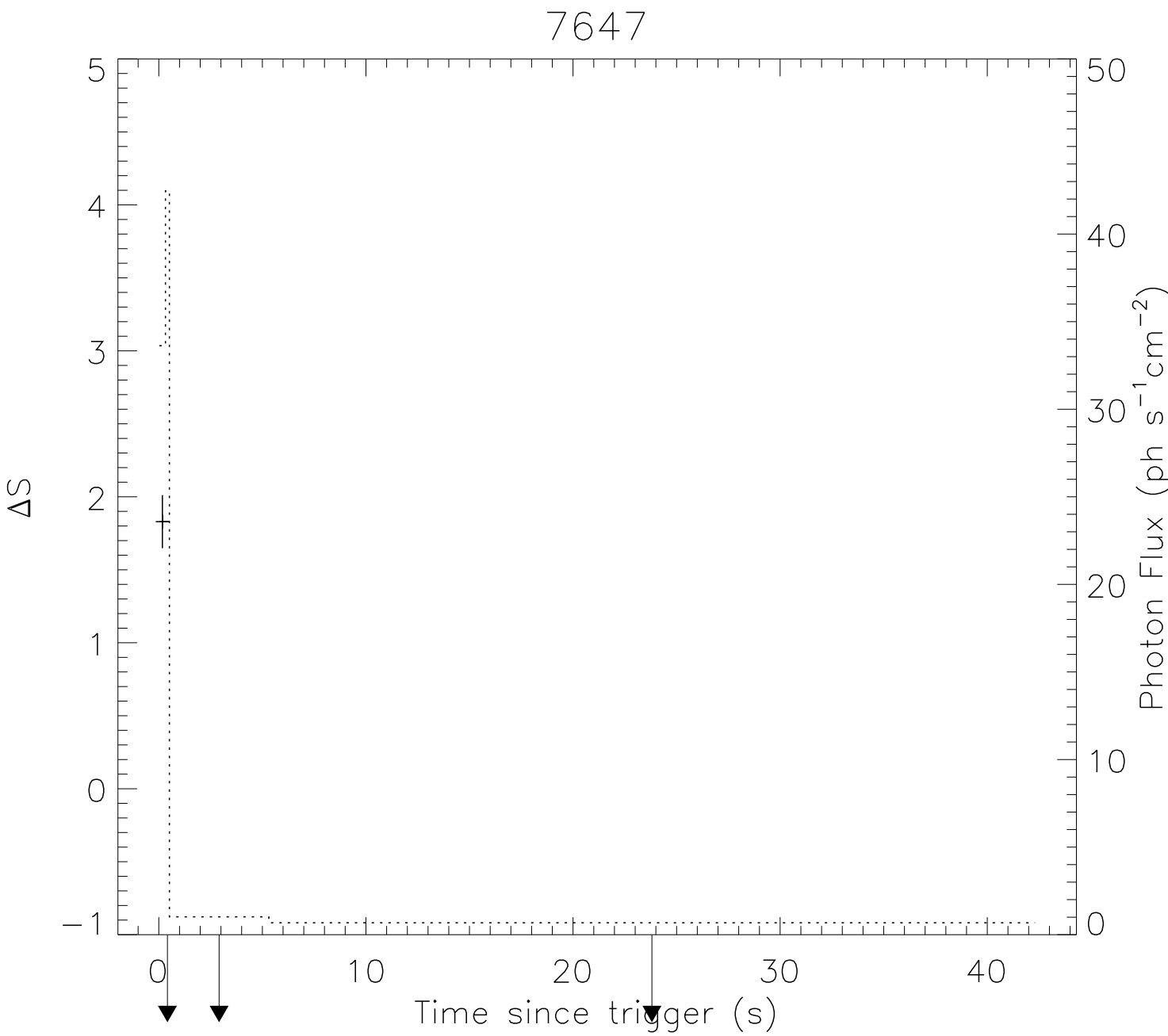

7569
5
4
3
2
1
0
−1
ΔS
60
40
20
0
Photon Flux (ph s^{-1}cm^{-2})
0
5
10
15
20
25
30
Time since trigger (s)

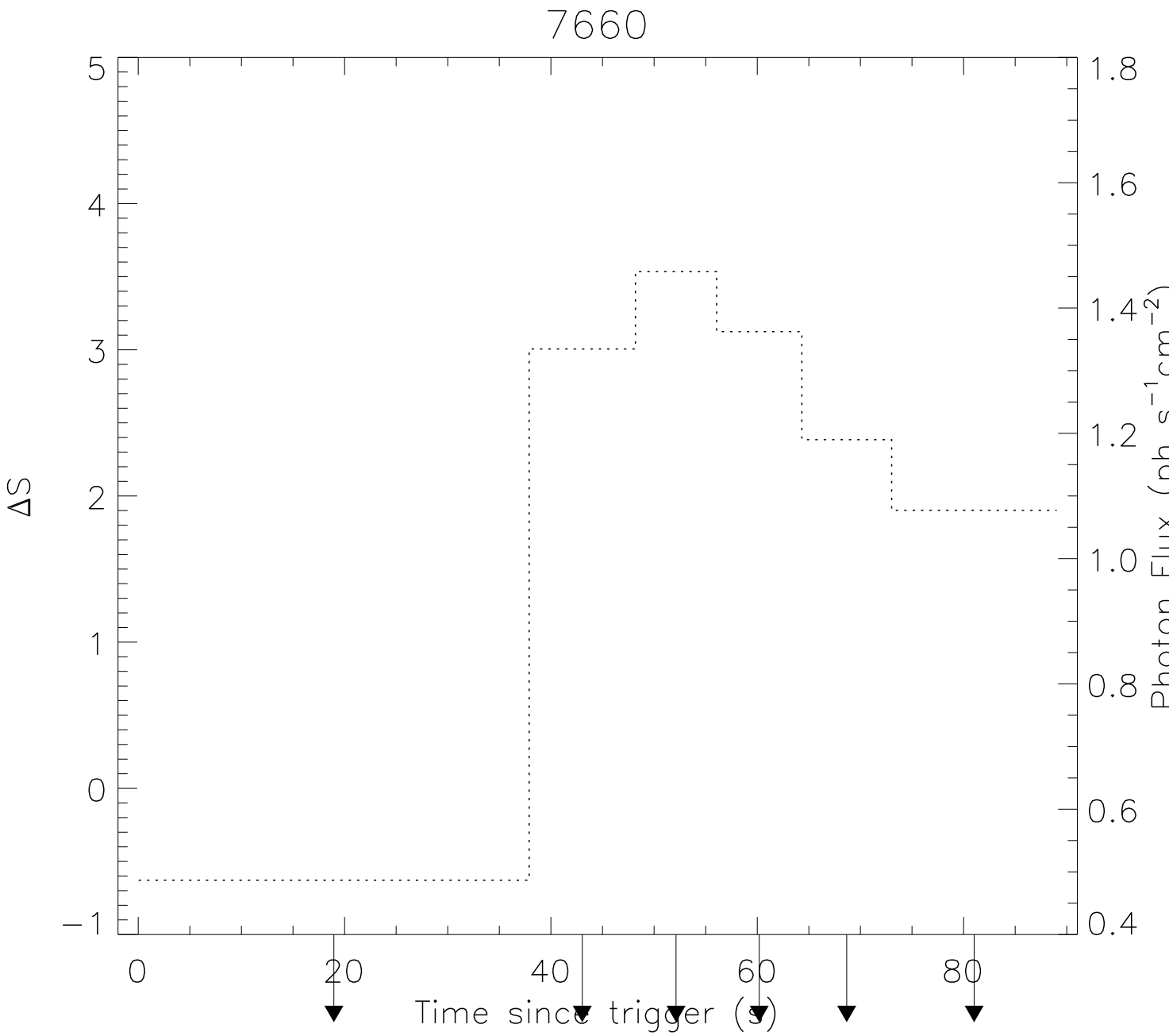

7575
5
4
3
2
1
0
−1
ΔS
30
20
10
0
Photon Flux (ph s^{-1}cm^{-2})
0
50
100
150
200
Time since trigger (s)

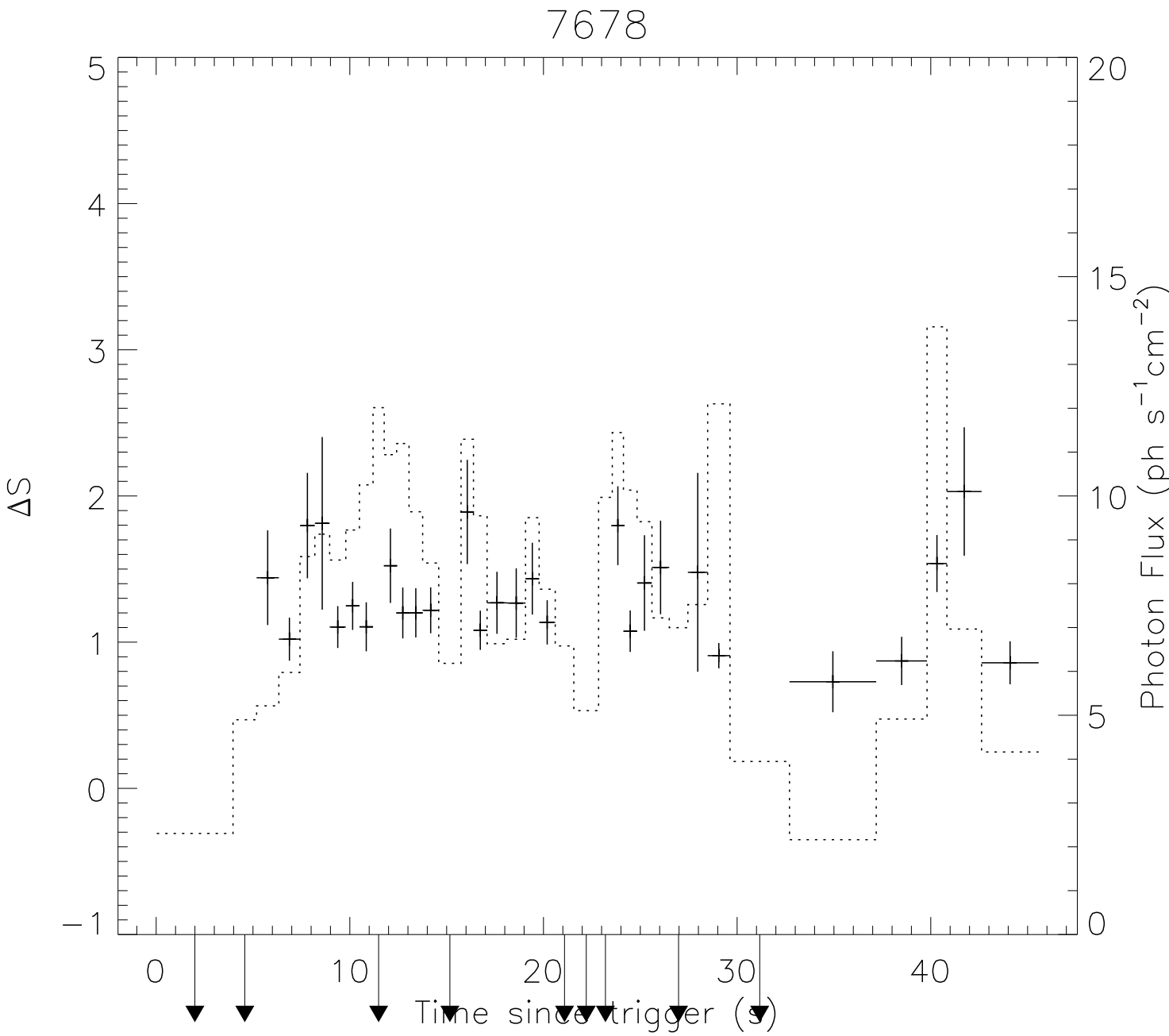

7578
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
2
4
6
8
10

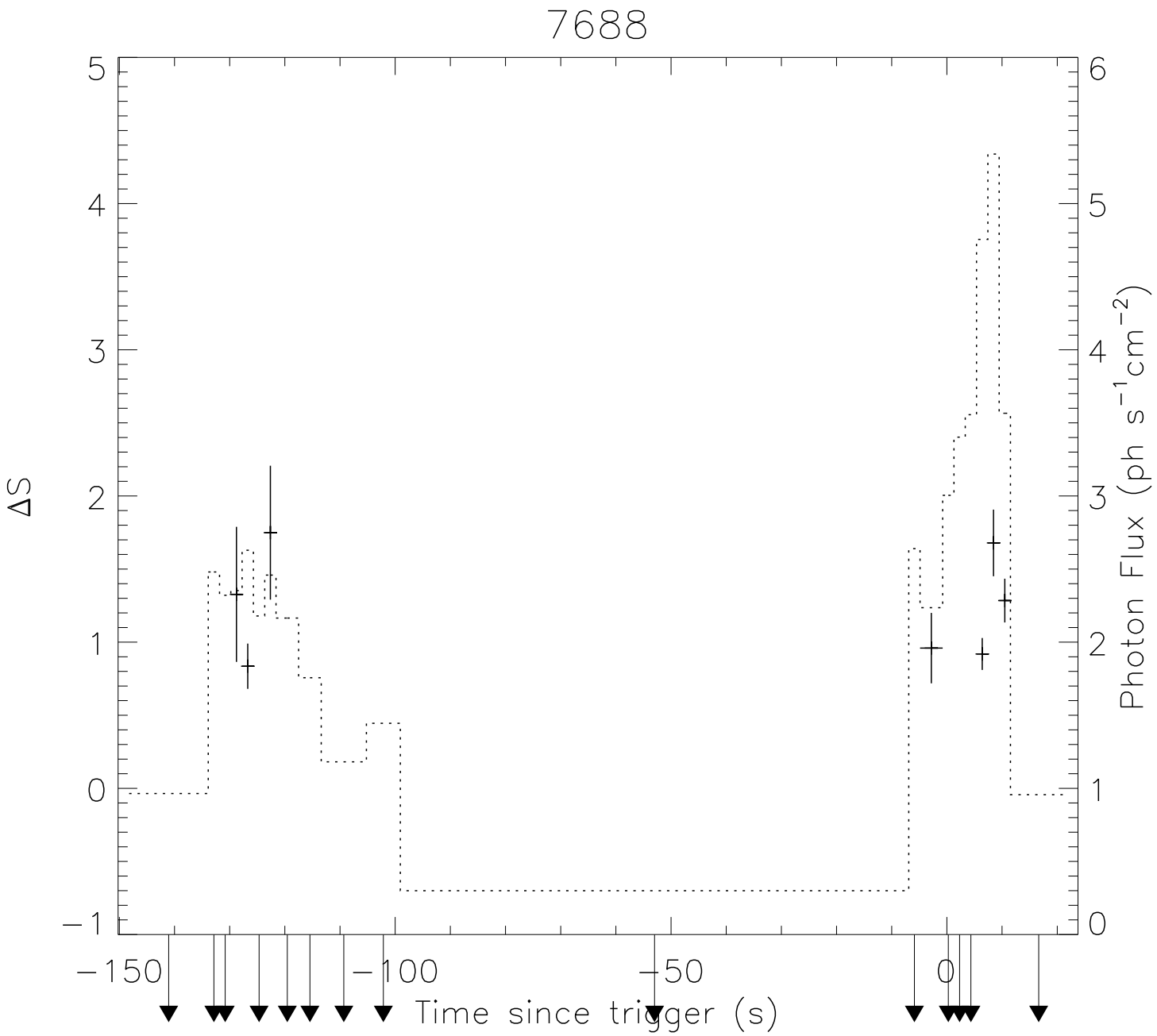

7586
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
10
8
6
4
2
0
0
10
20
30
40
50
60

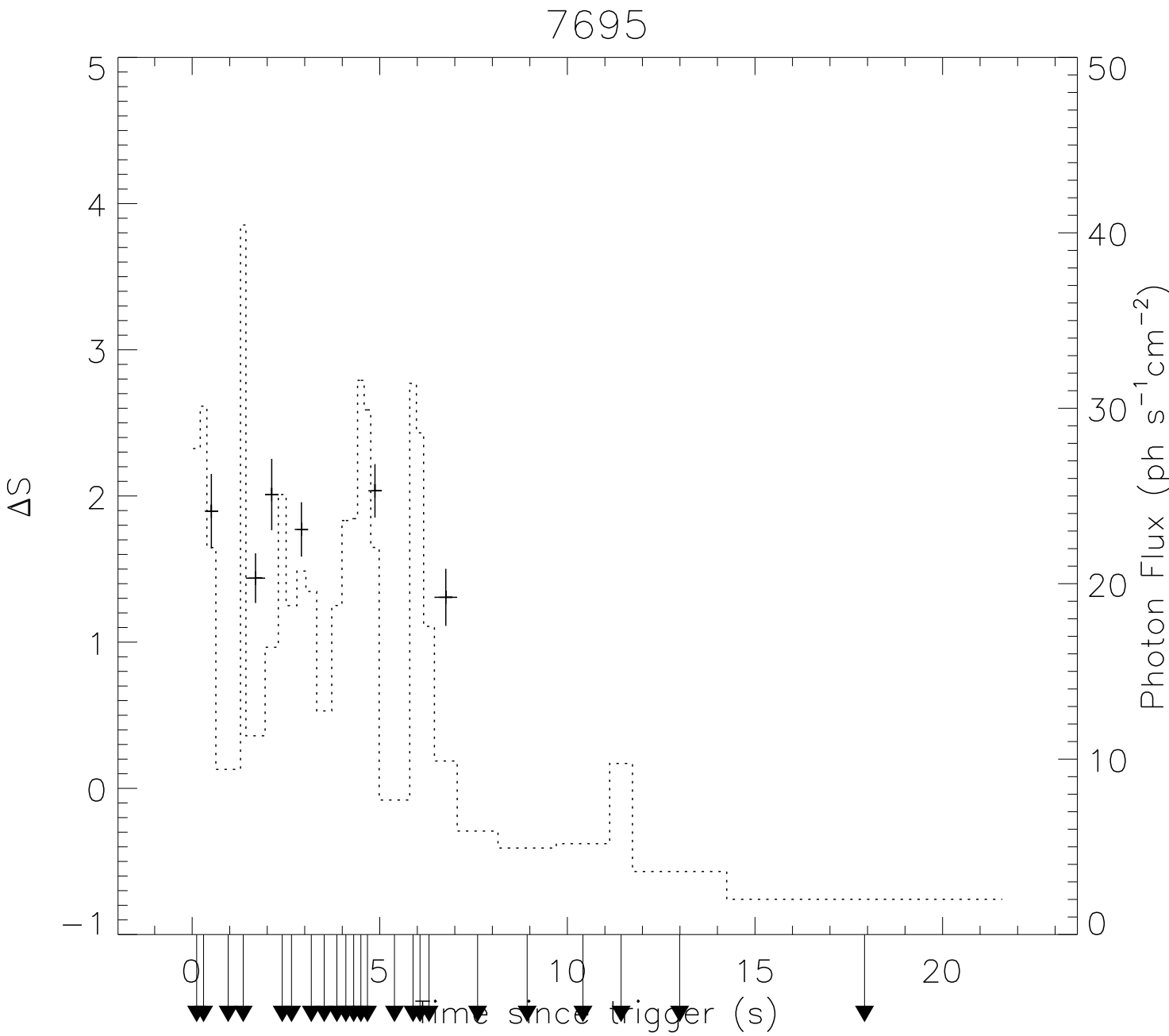

7592
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
80
60
40
20
0
0
10
20
30

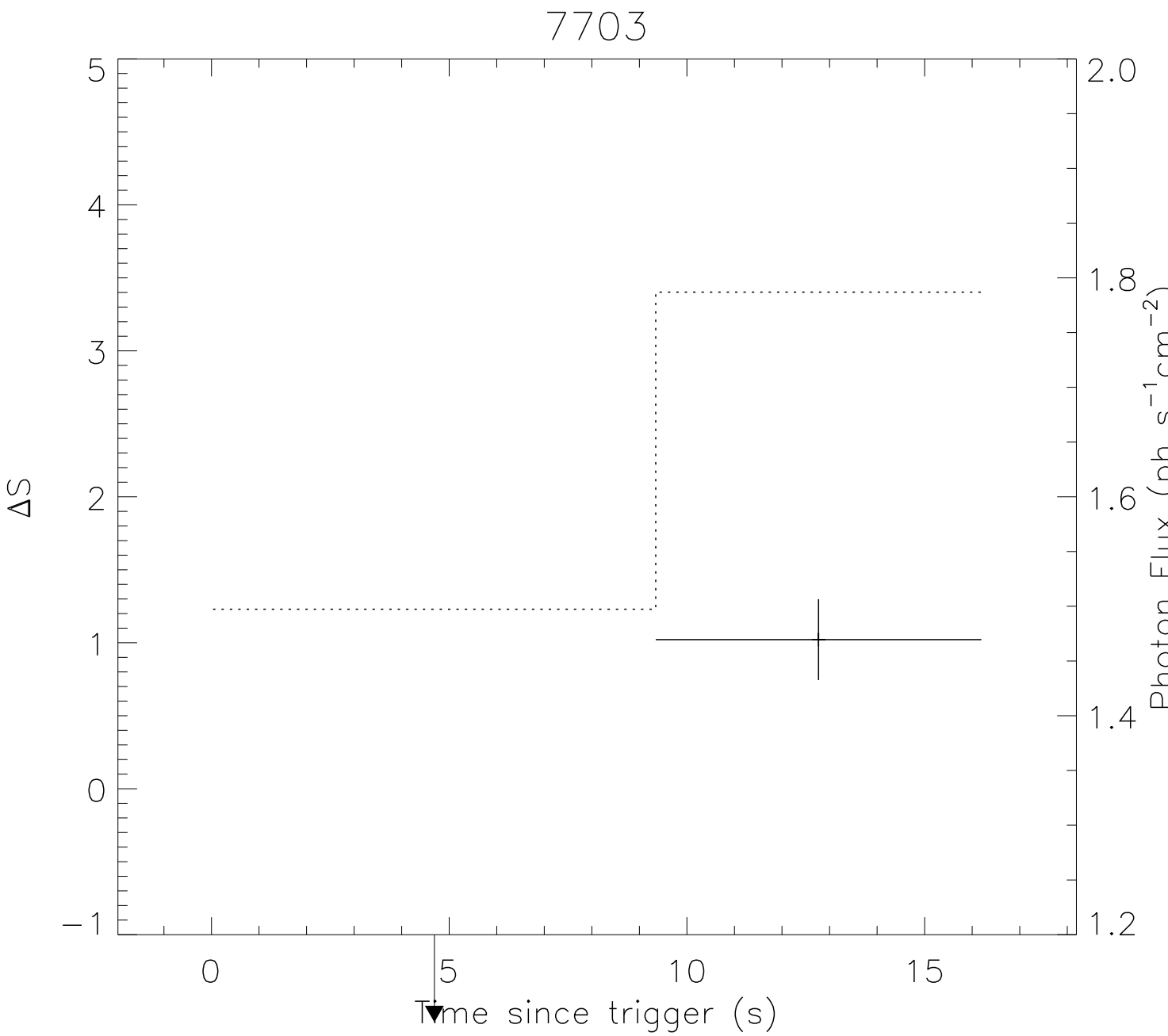

7647
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
10
20
30
40

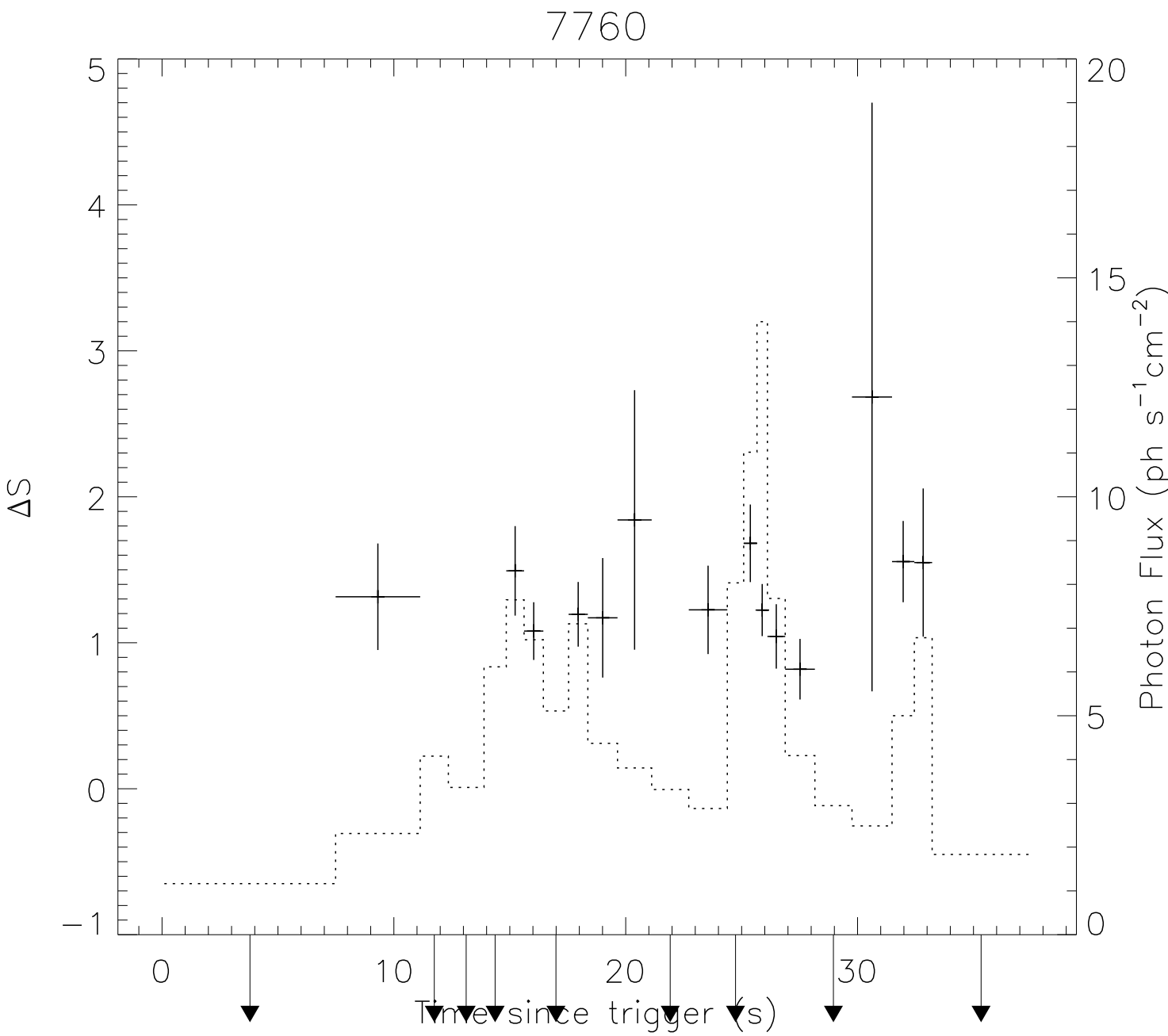

7660
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0
20
40
60
80

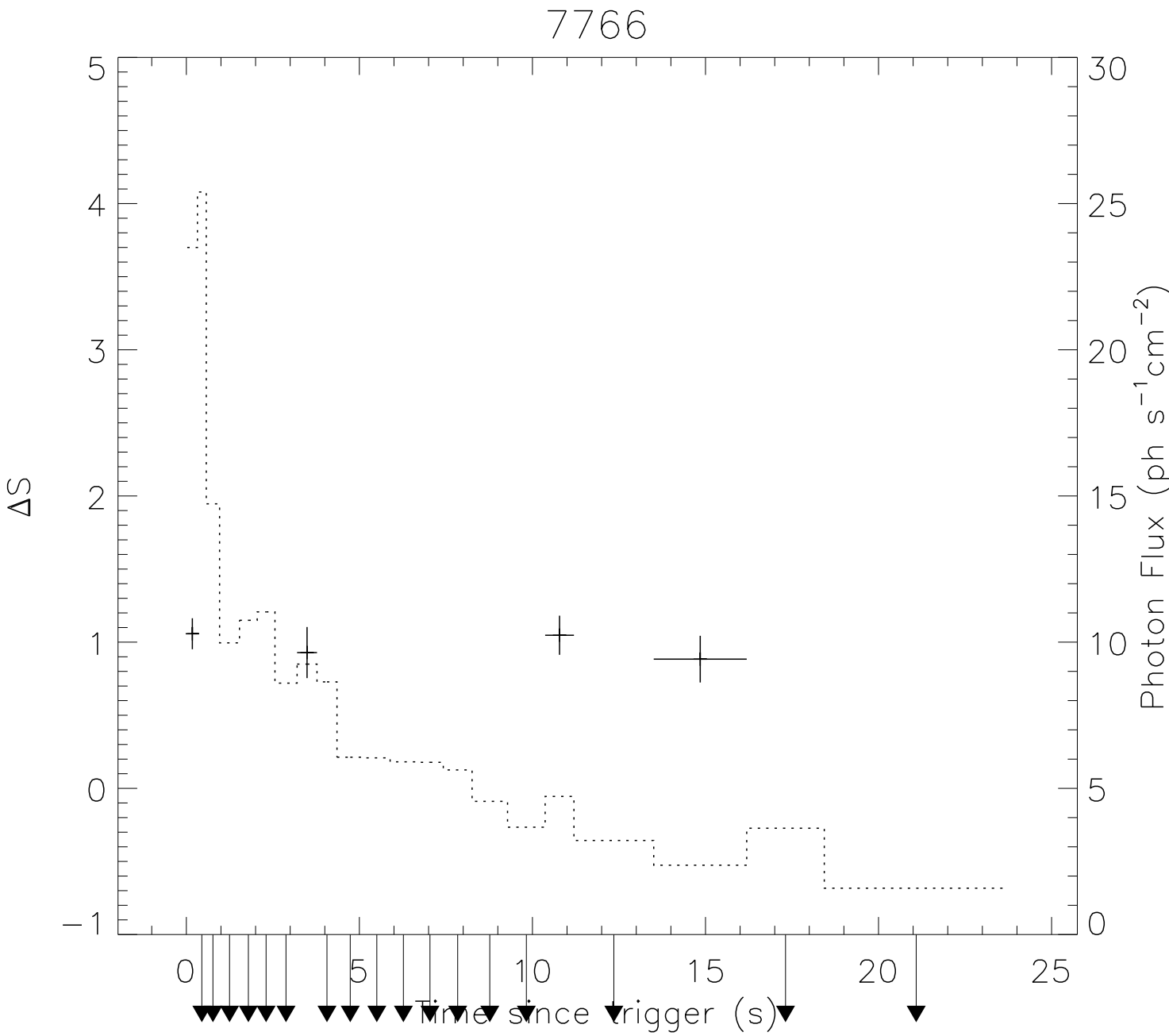

7678
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
10
20
30
40

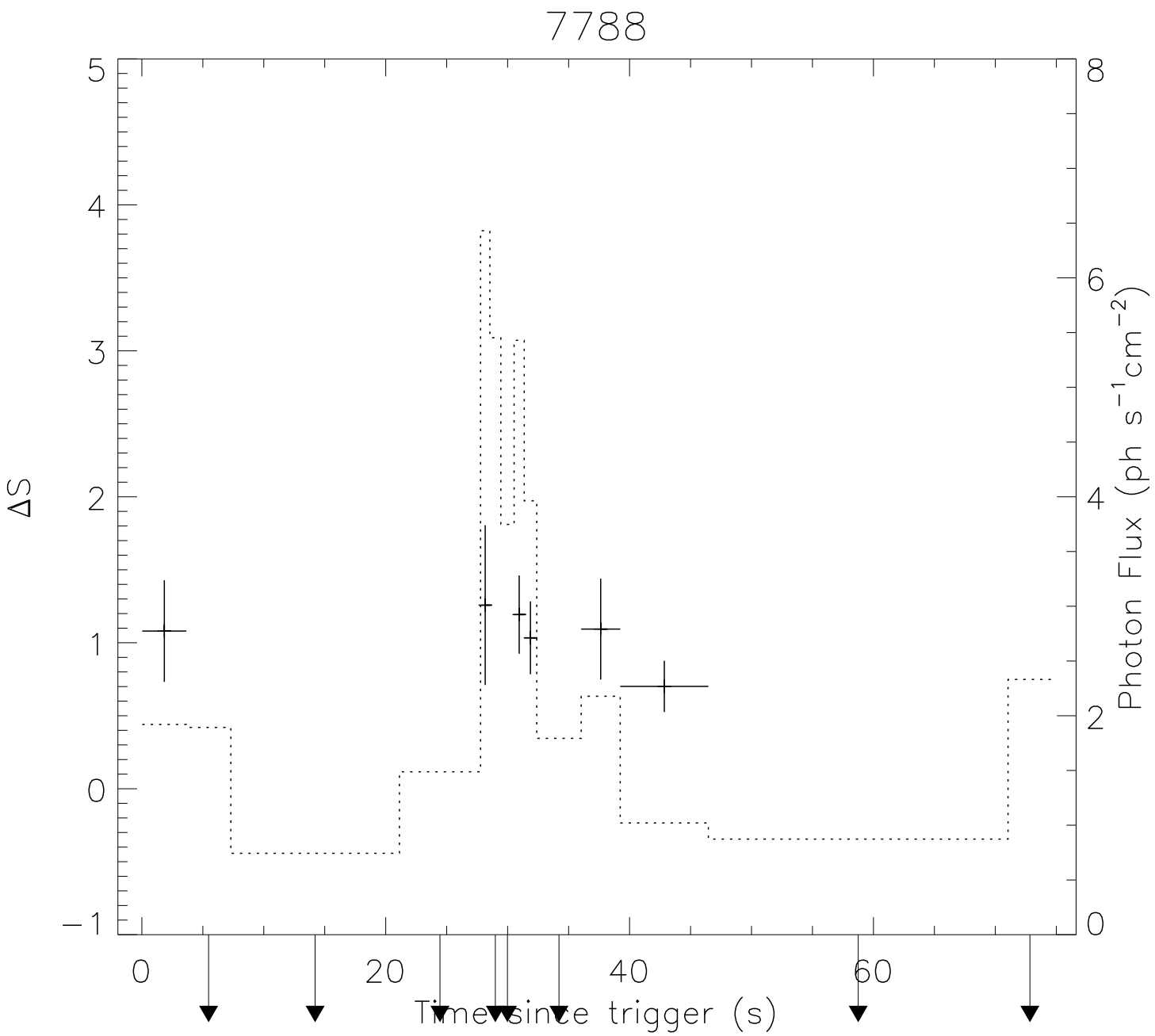

7688
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
−150
−100
−50
0
−1
0
1
2
3
4
5
6

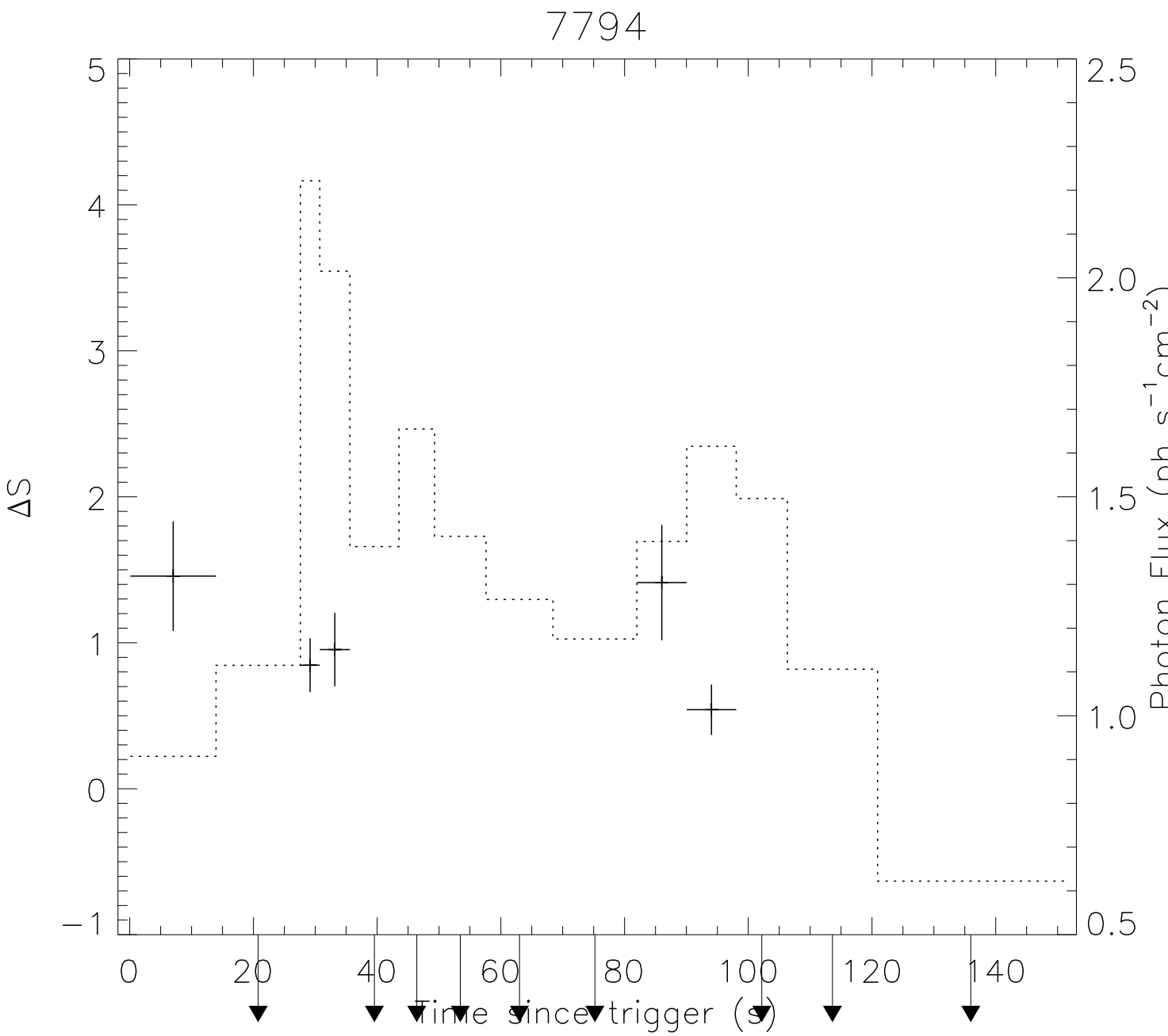

7695
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
50
40
30
20
10
0
0
5
10
15
20

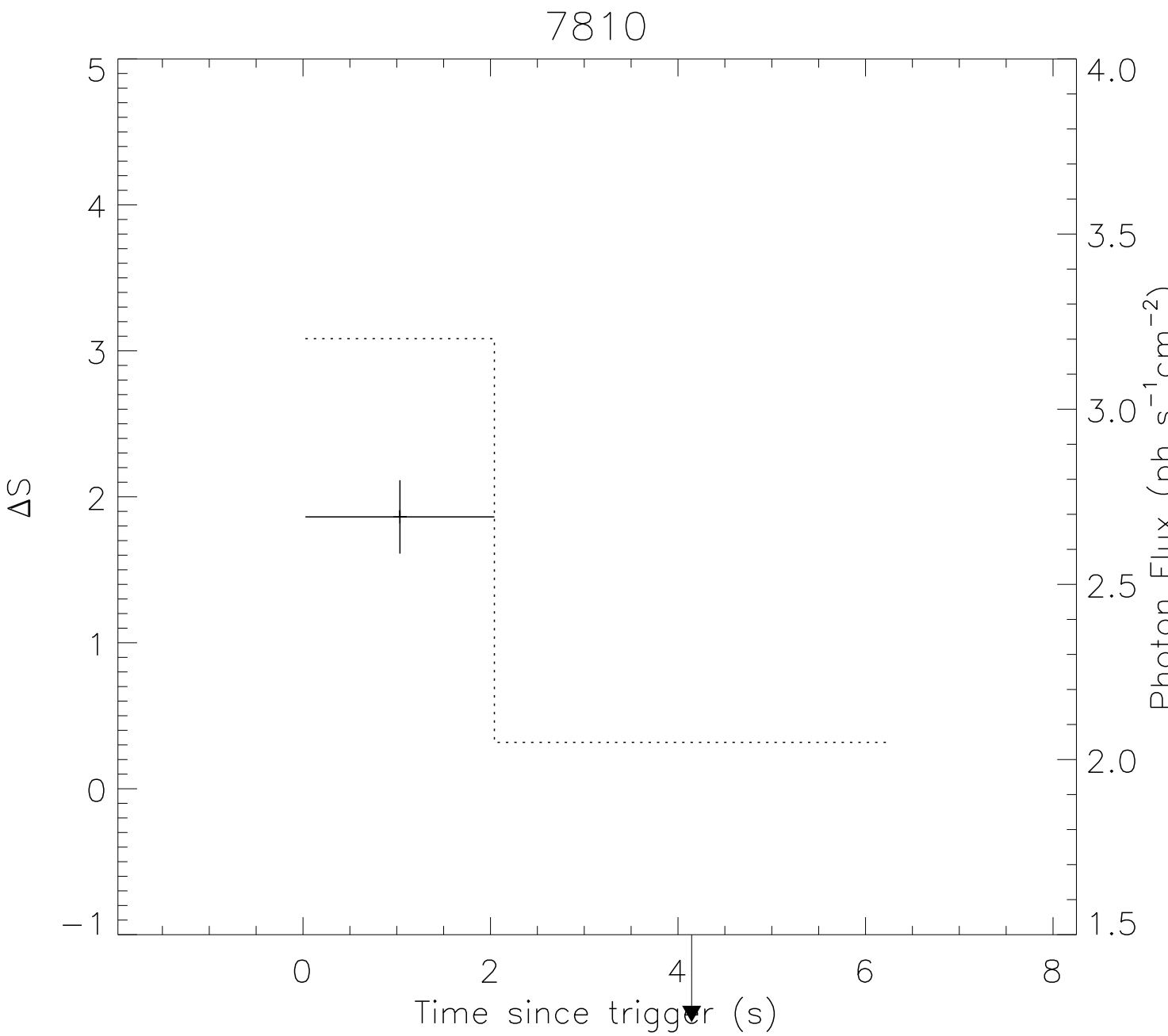

7703
5
4
3
2
1
0
−1
ΔS
2.0
1.8
1.6
1.4
1.2
Photon Flux (ph s^{-1}cm^{-2})
0
5
10
15
Time since trigger (s)

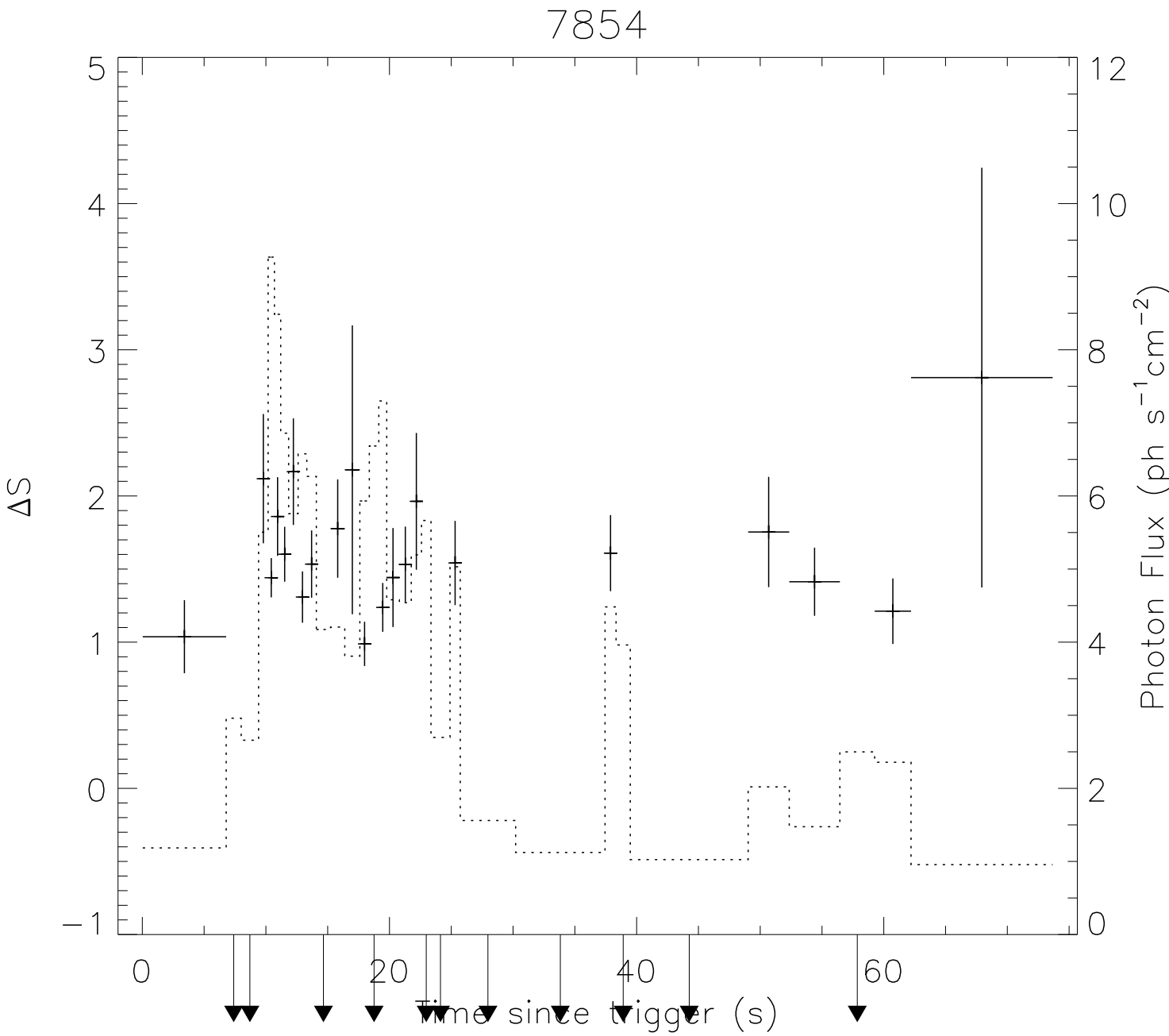

7760
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
10
20
30
−1
0
1
2
3
4
5
0
5
10
15
20

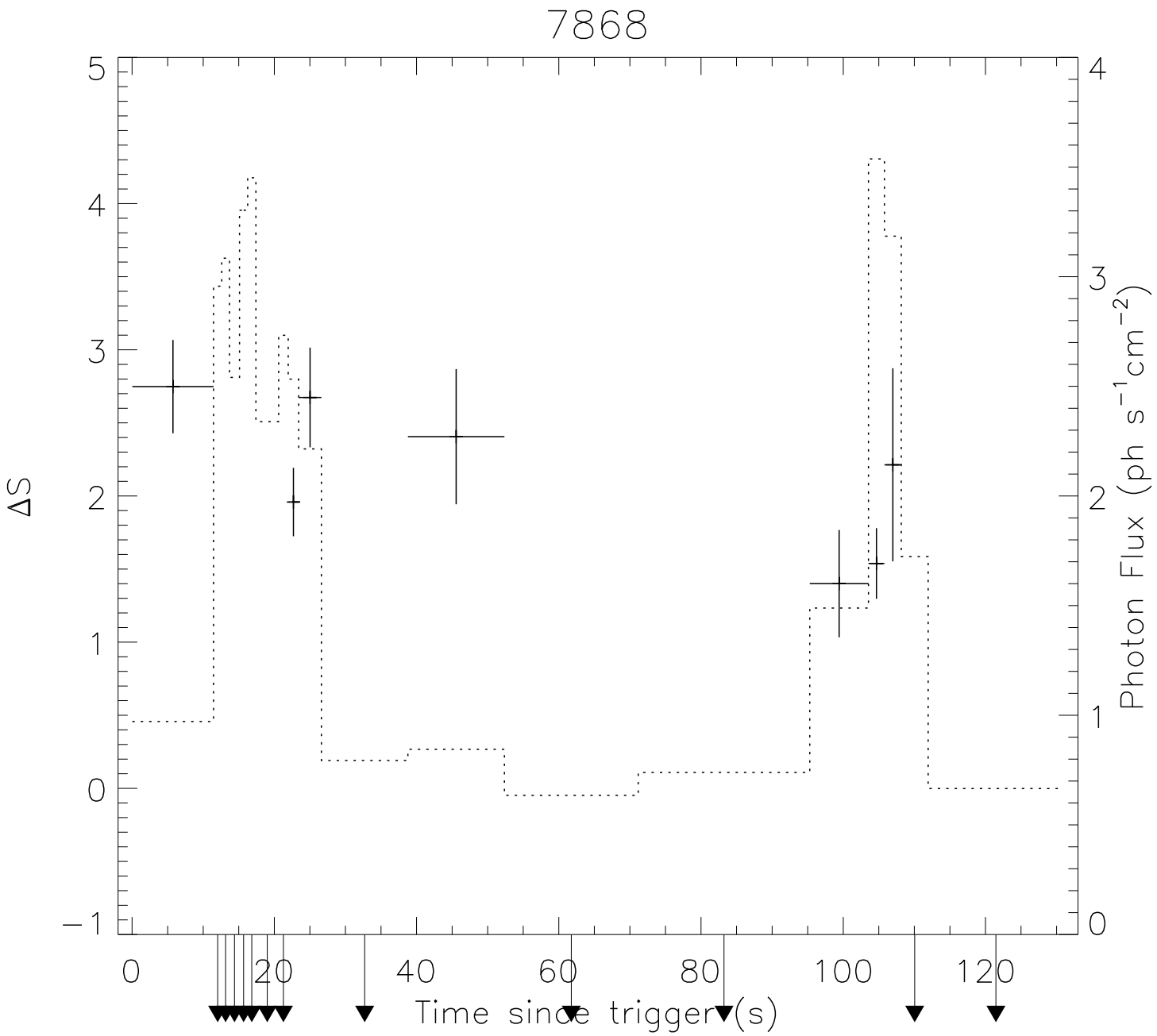

7766
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
5
10
15
20
25

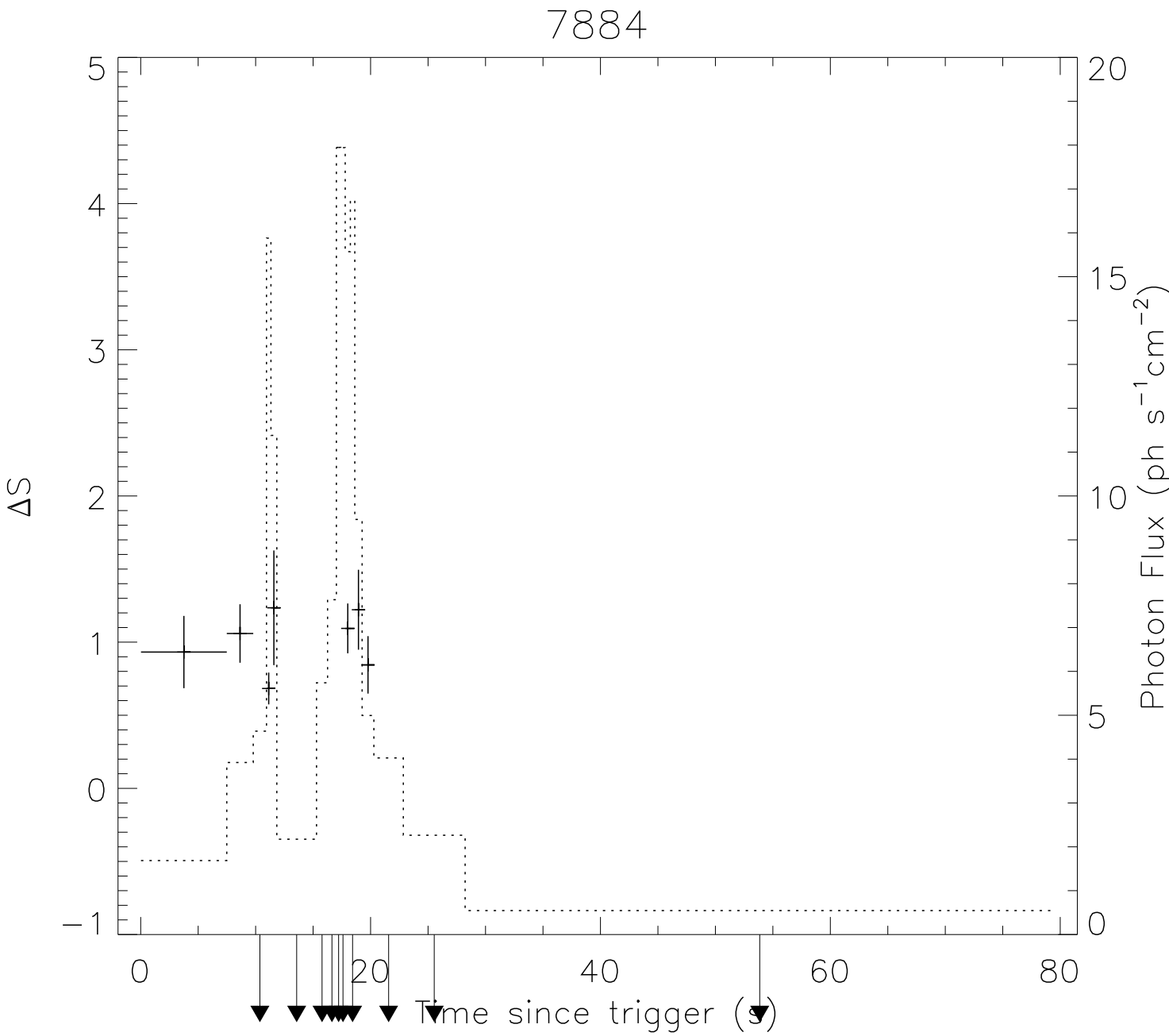

7788
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
8
6
4
2
0
0
20
40
60

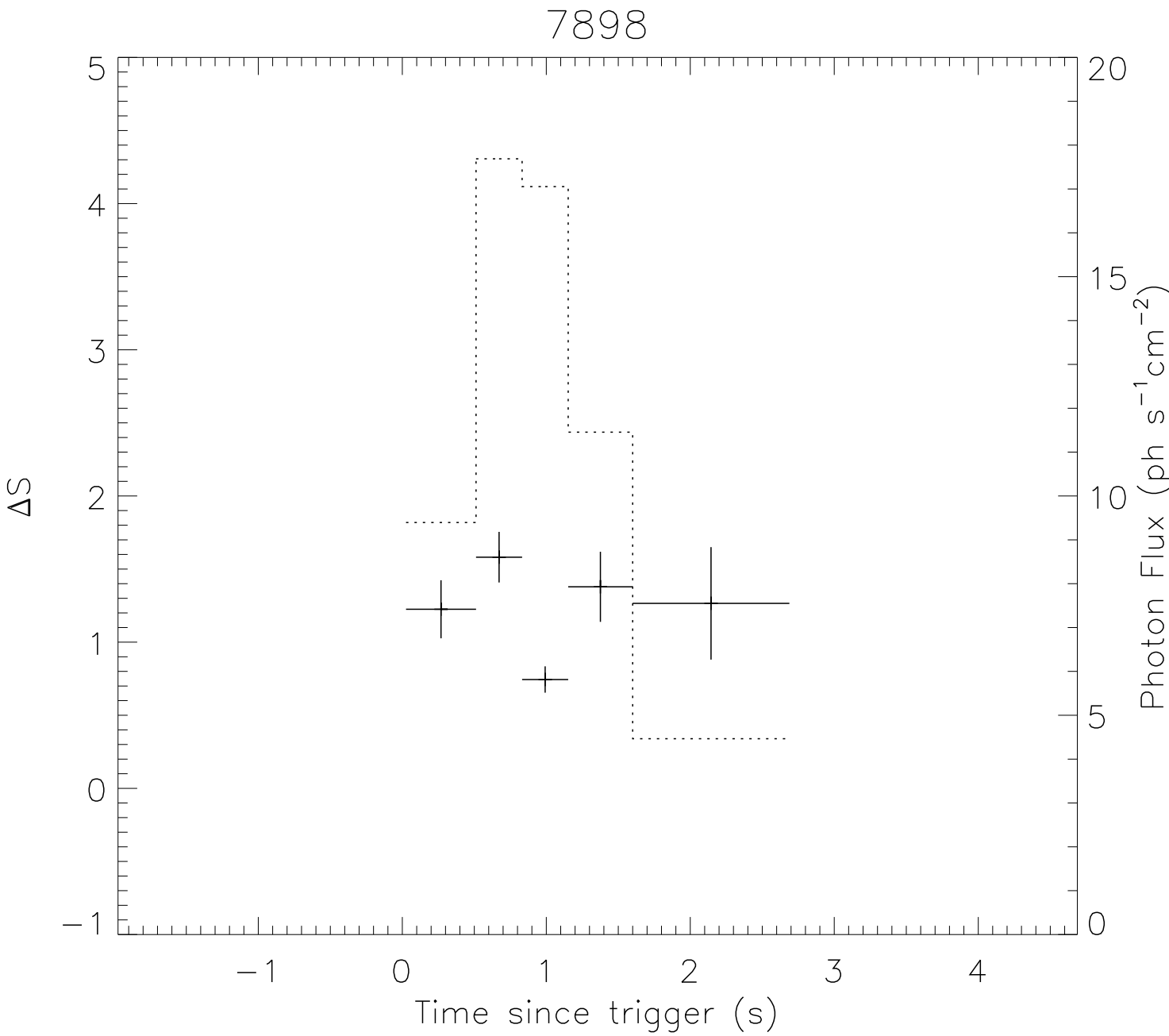

7794
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
2.5
2.0
1.5
1.0
0.5
0
20
40
60
80
100
120
140

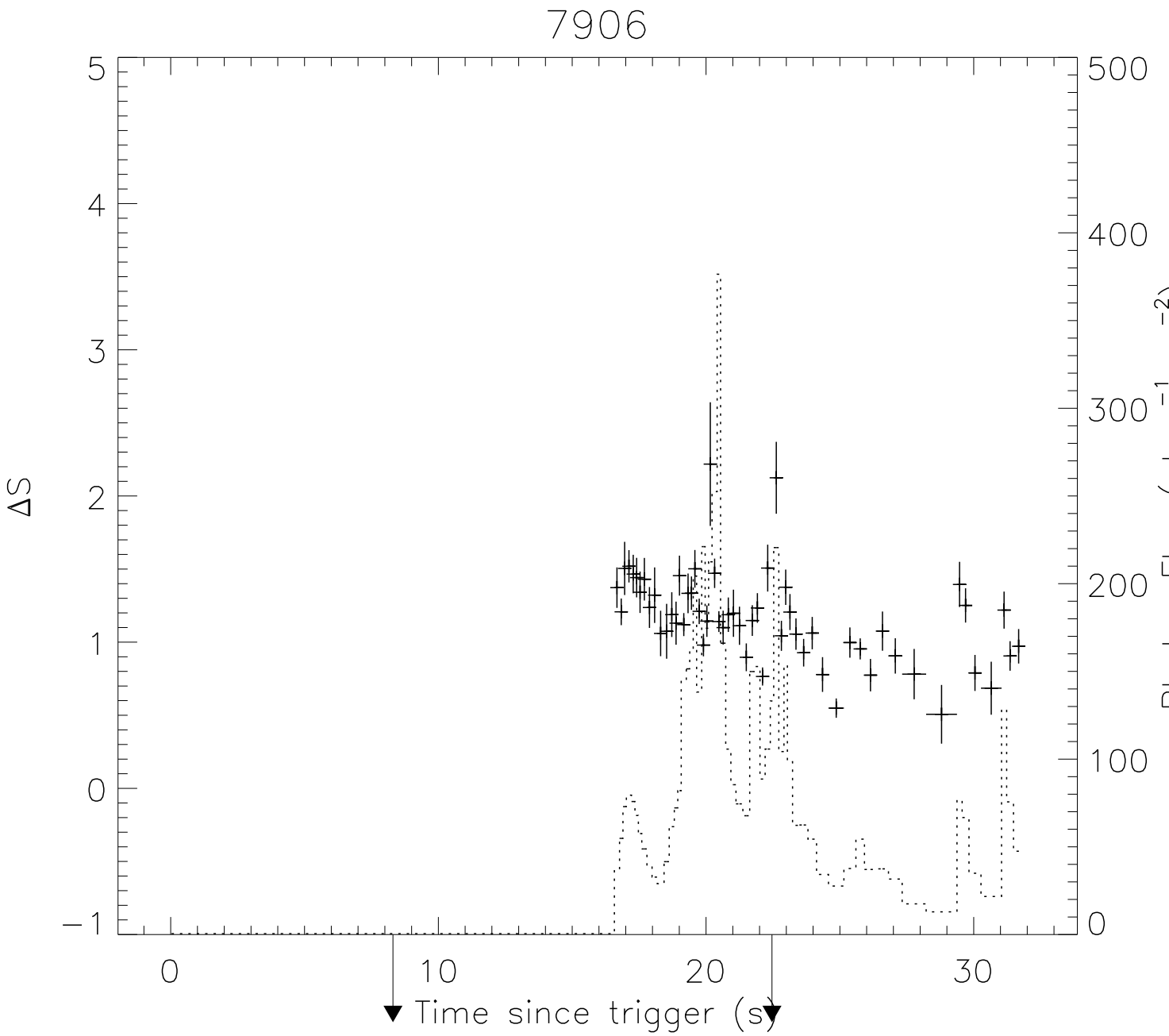

7810
5
4
3
2
1
0
−1
ΔS
4.0
3.5
3.0
2.5
2.0
1.5
0
2
4
6
8
Time since trigger (s)

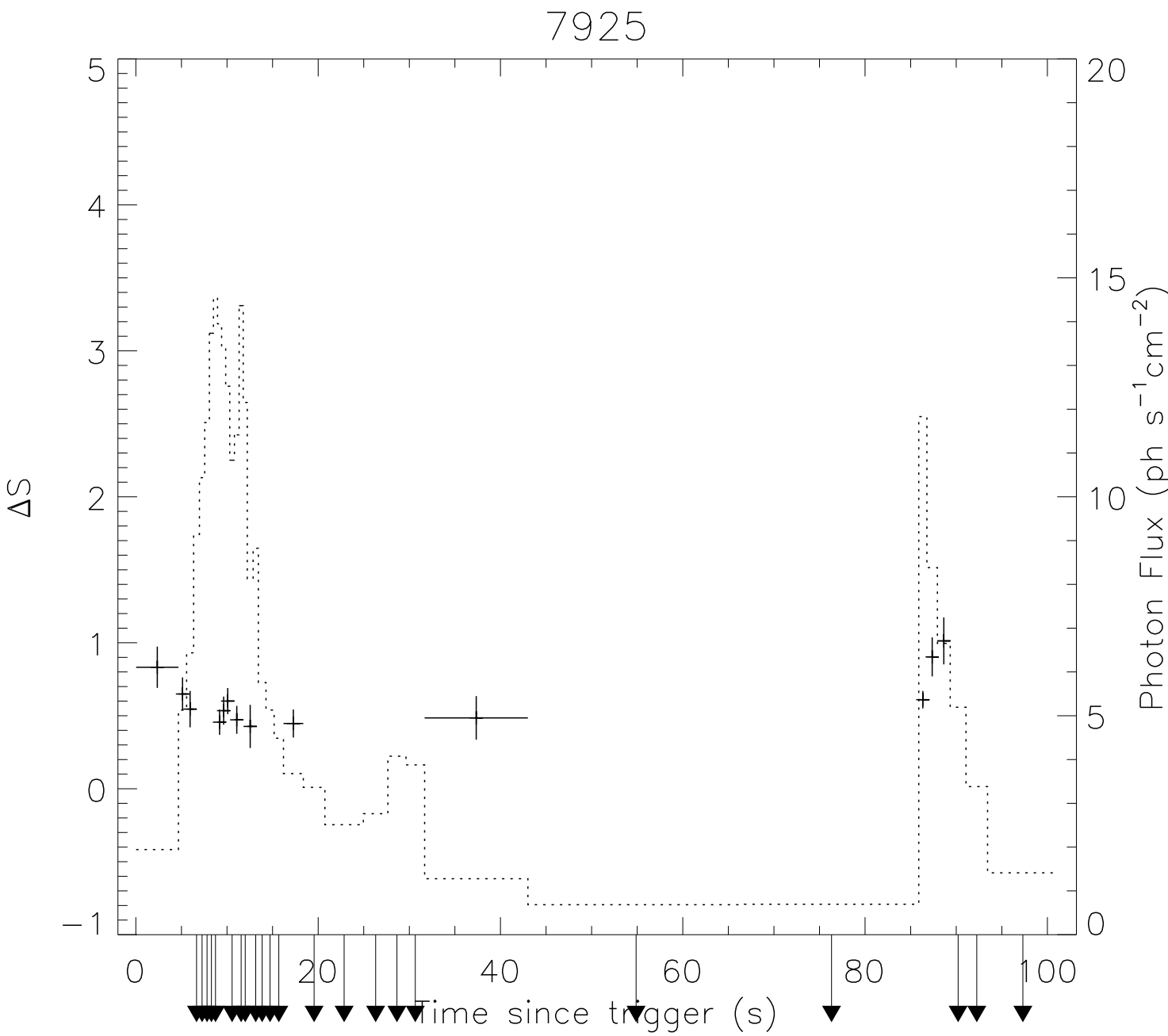

7854
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
−1
0
1
2
3
4
5
0
2
4
6
8
10
12

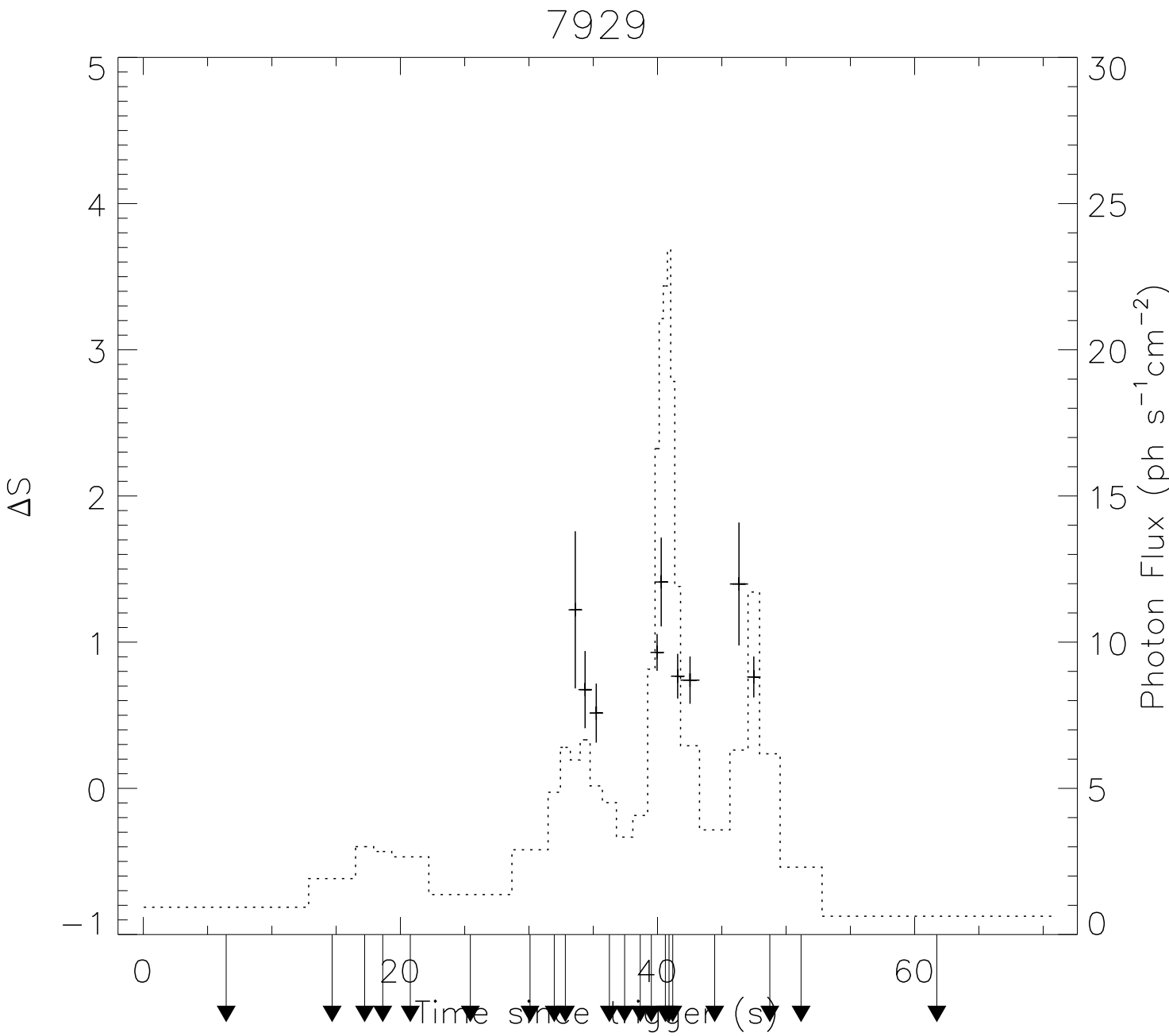

7868
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
0
20
40
60
80
100
120

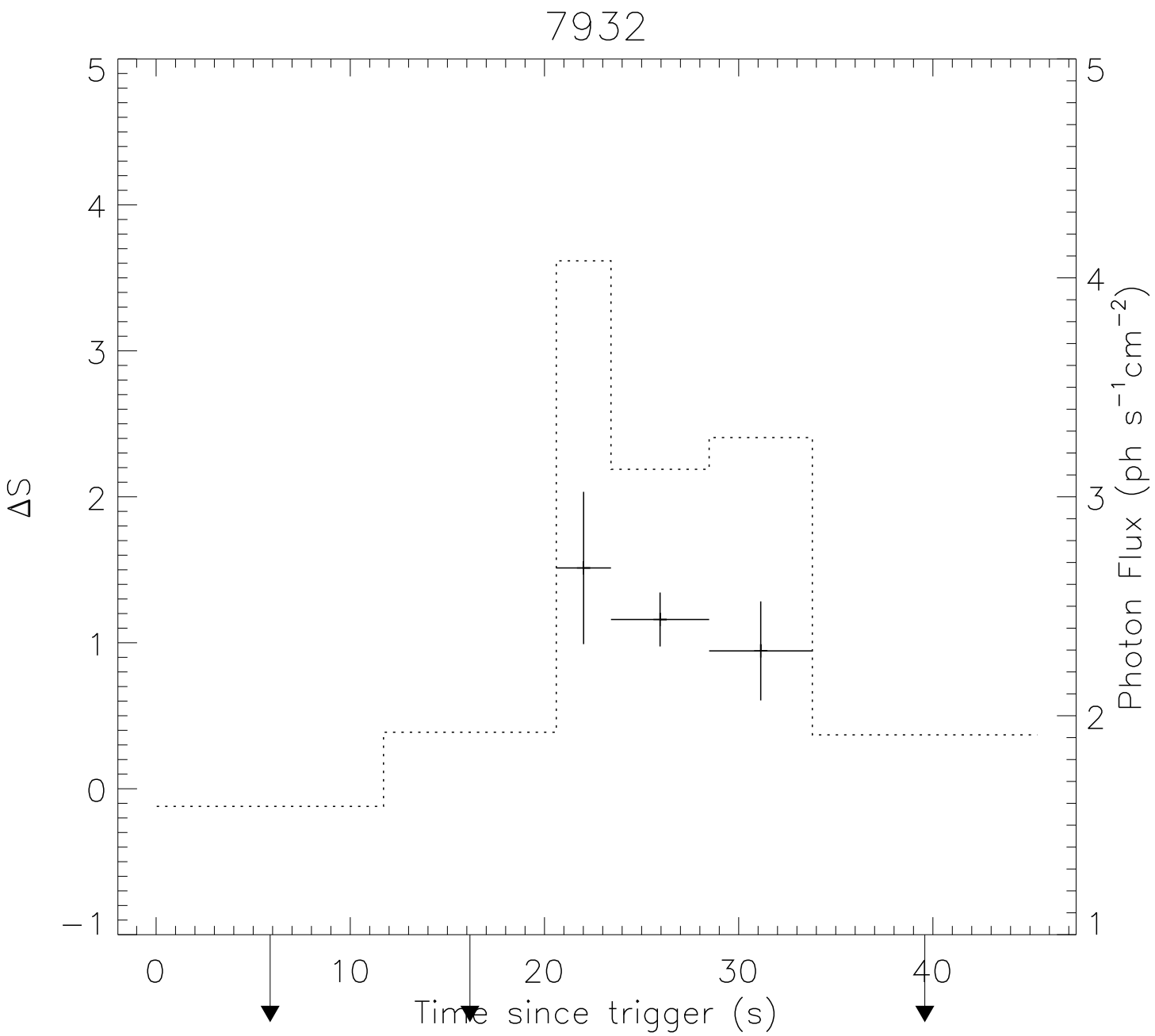

7884
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
20
40
60
80

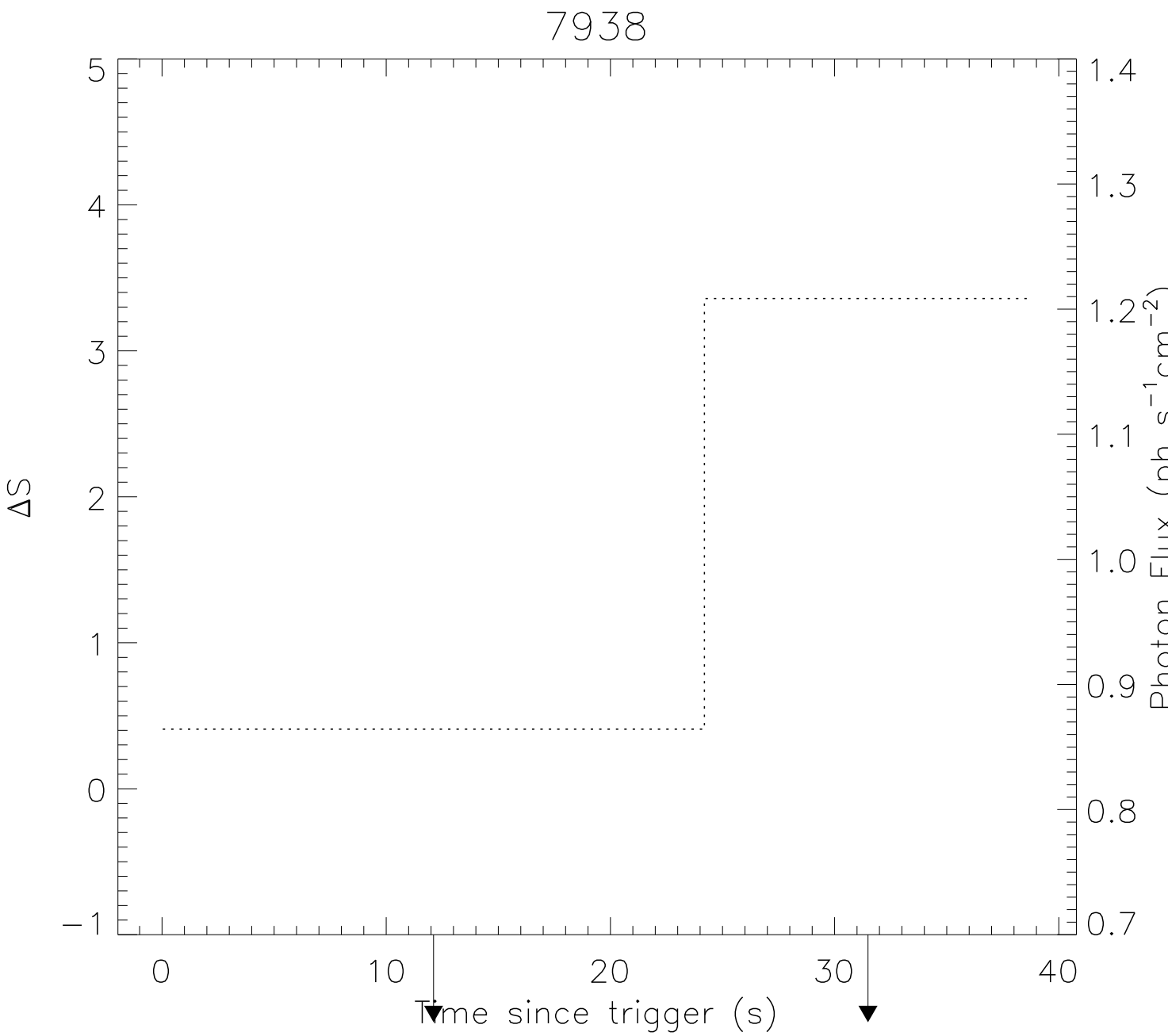

7898
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
−1
0
1
2
3
4

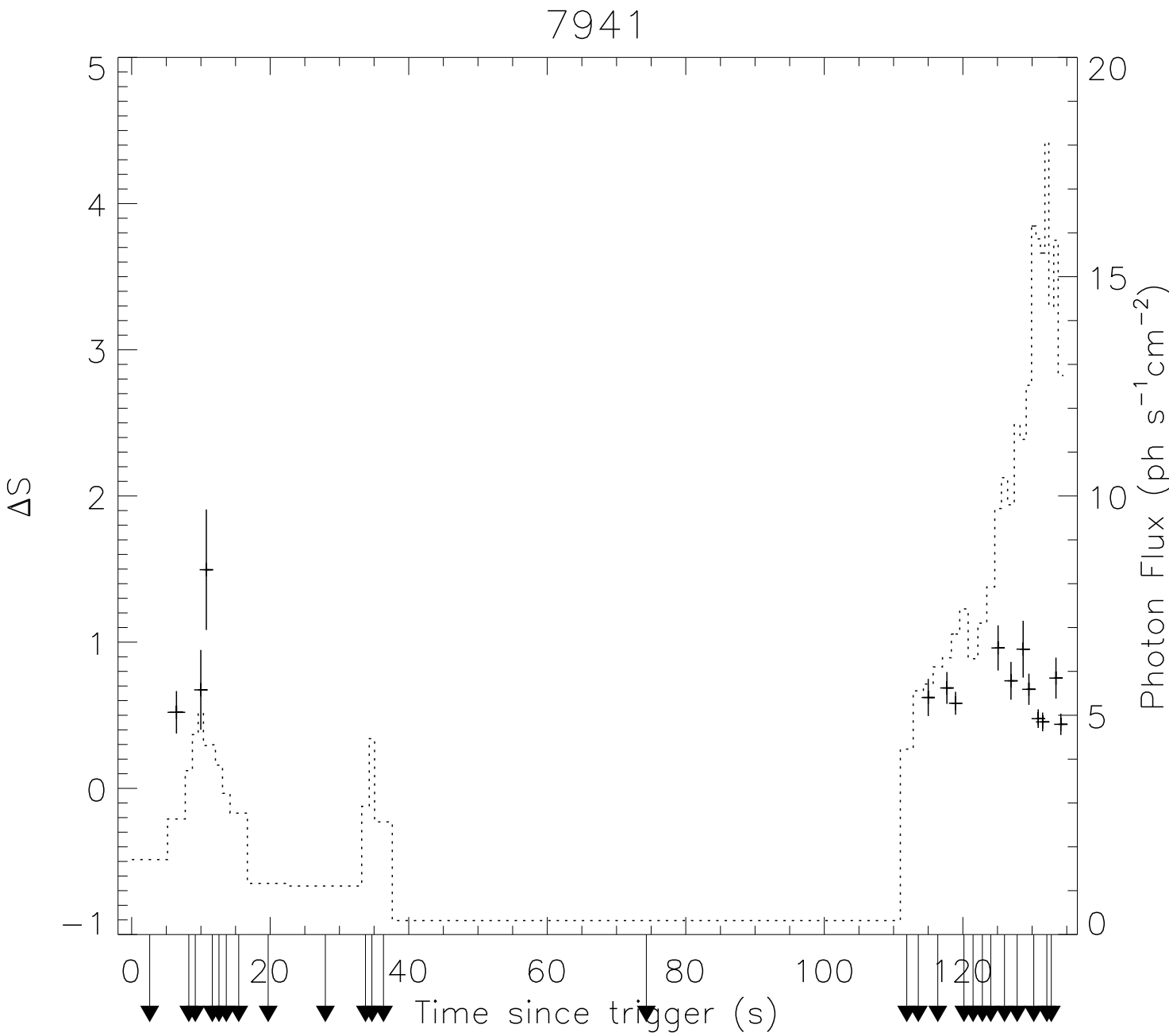

7906
ΔS
Time since trigger (s)
5
4
3
2
1
0
−1
500
400
300
200
100
0
0
10
20
30

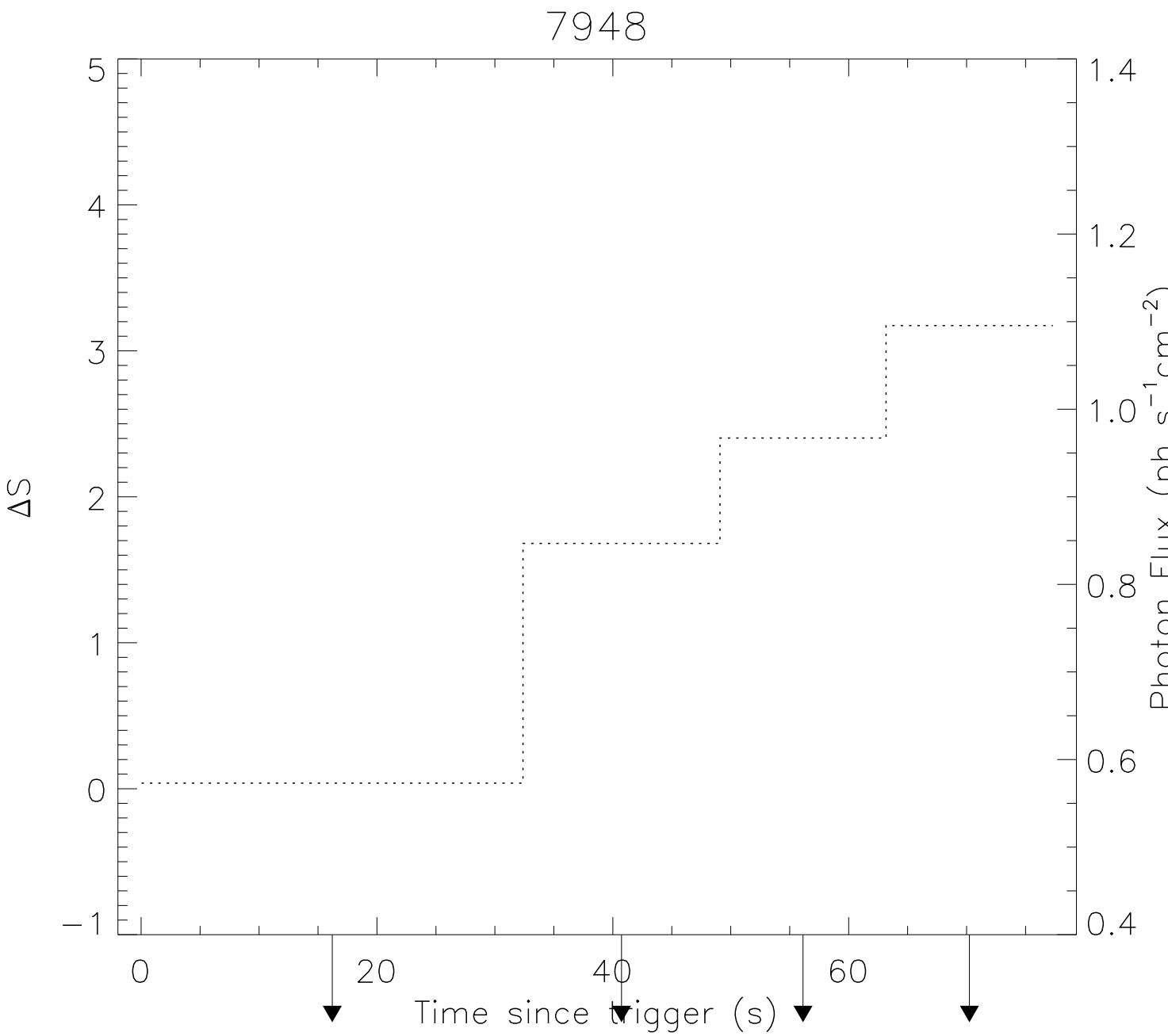

7925
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
100
−1
0
1
2
3
4
5
0
5
10
15
20

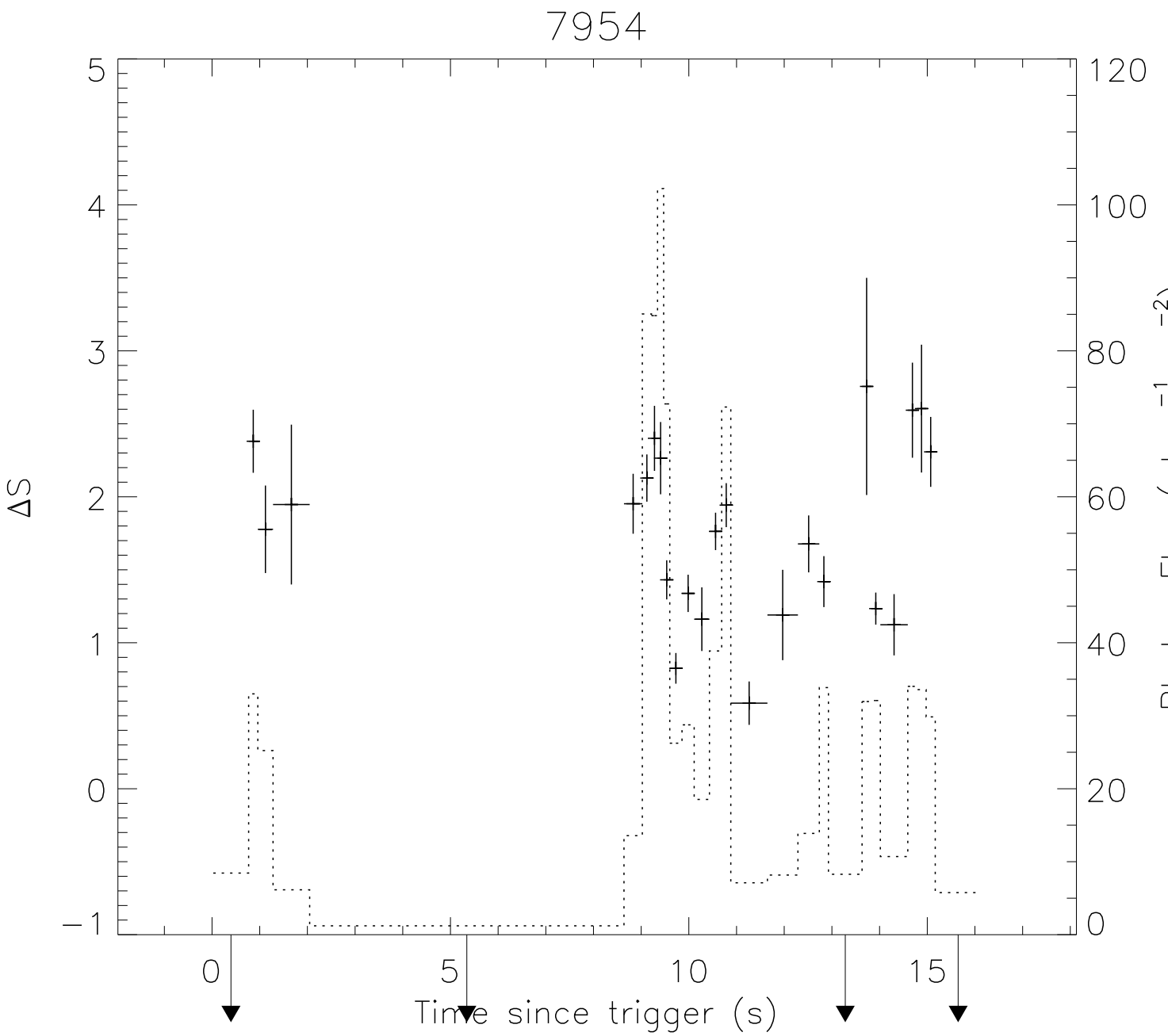

7929
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
30
25
20
15
10
5
0
0
20
40
60

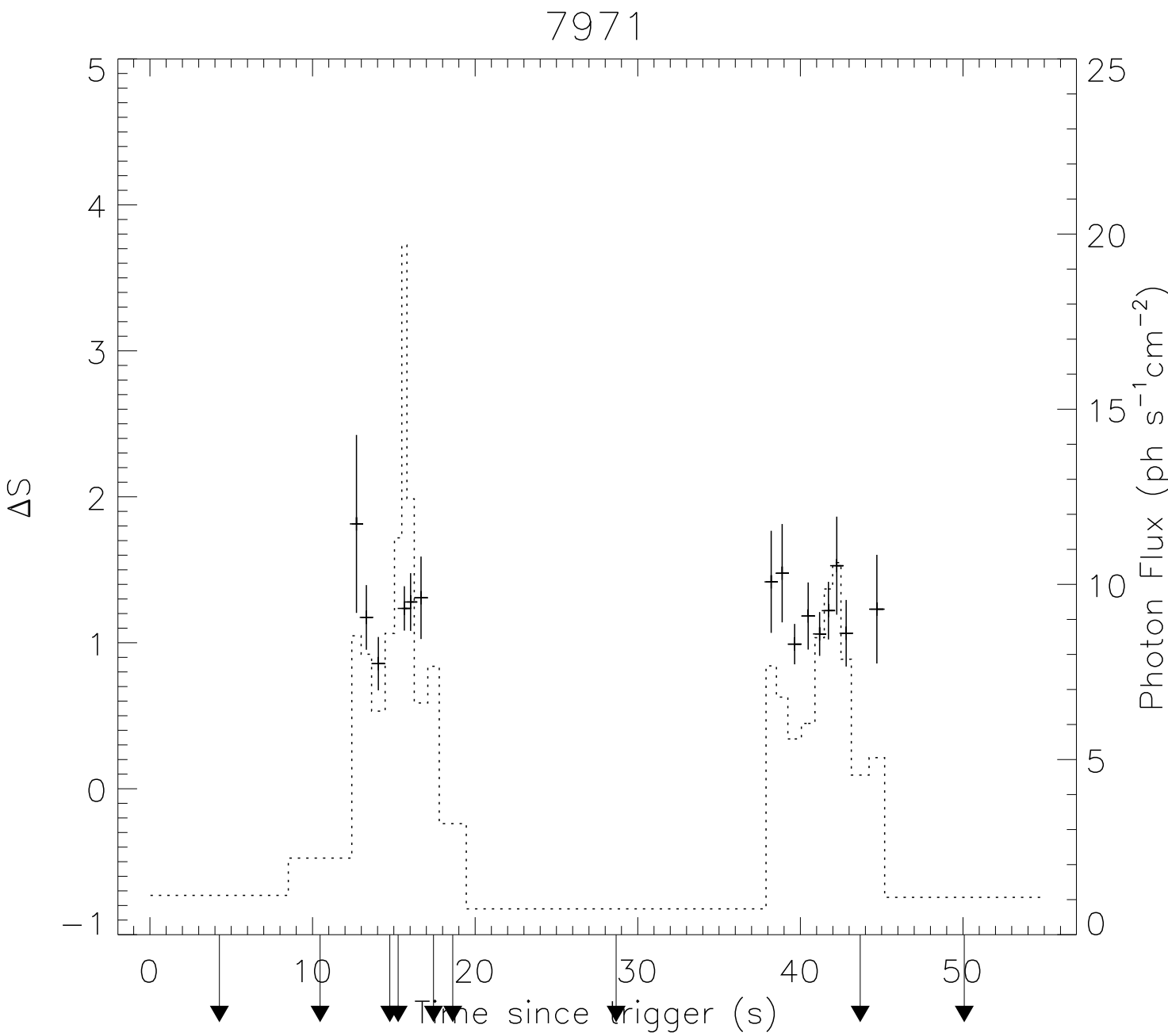

7932
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
0
10
20
30
40

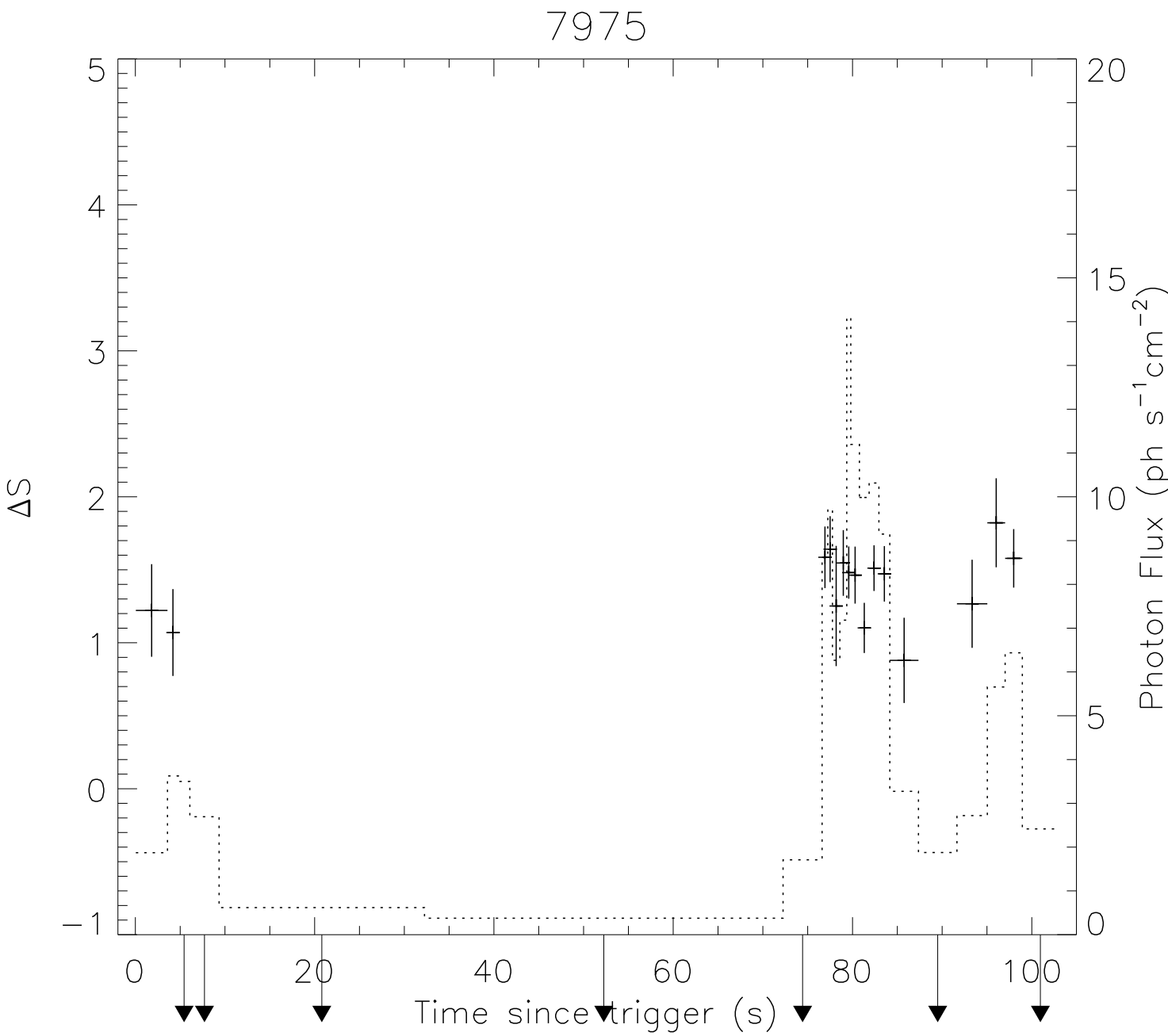

7938
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
0
10
20
30
40
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7

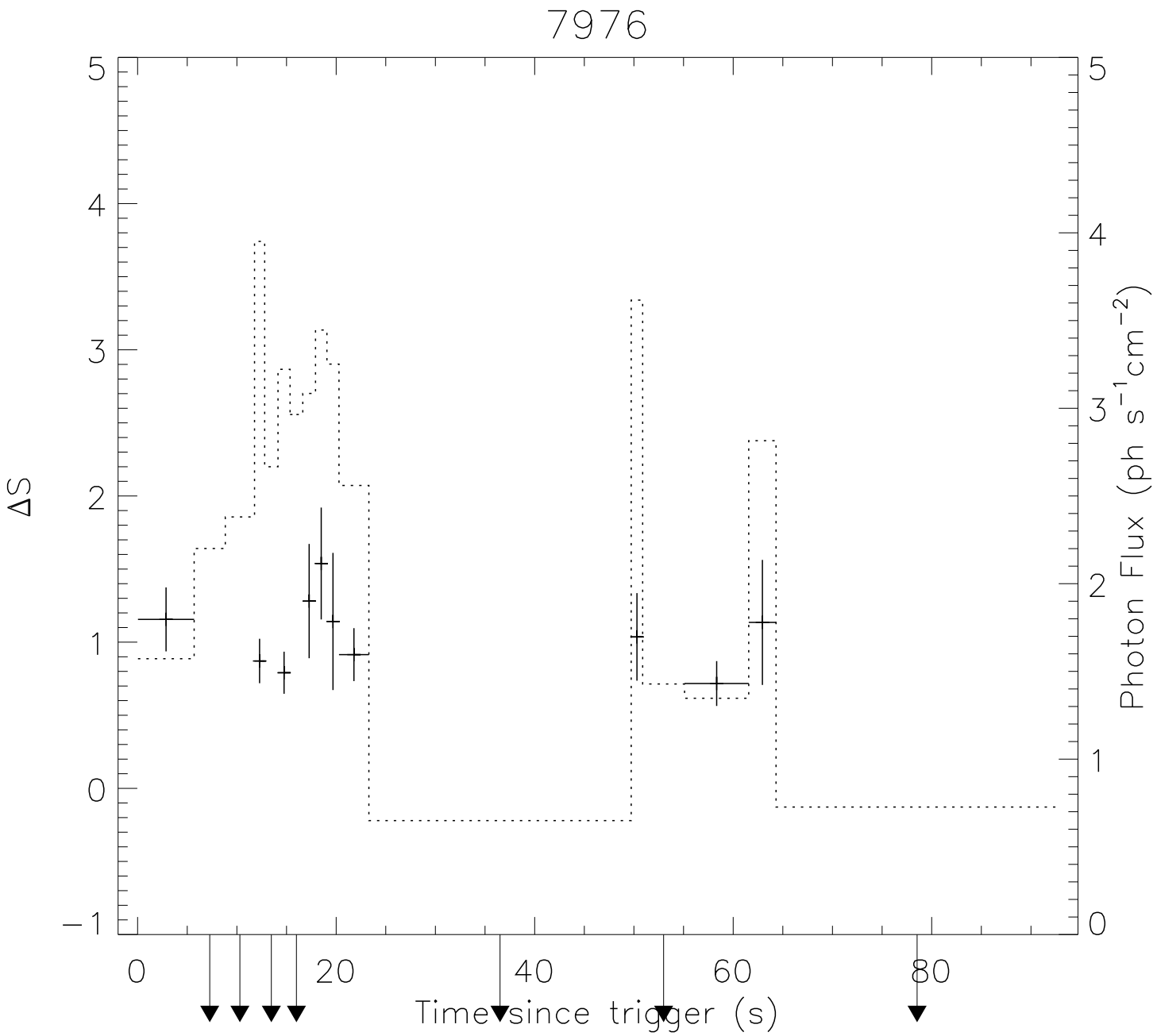

7941
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
20
40
60
80
100
120

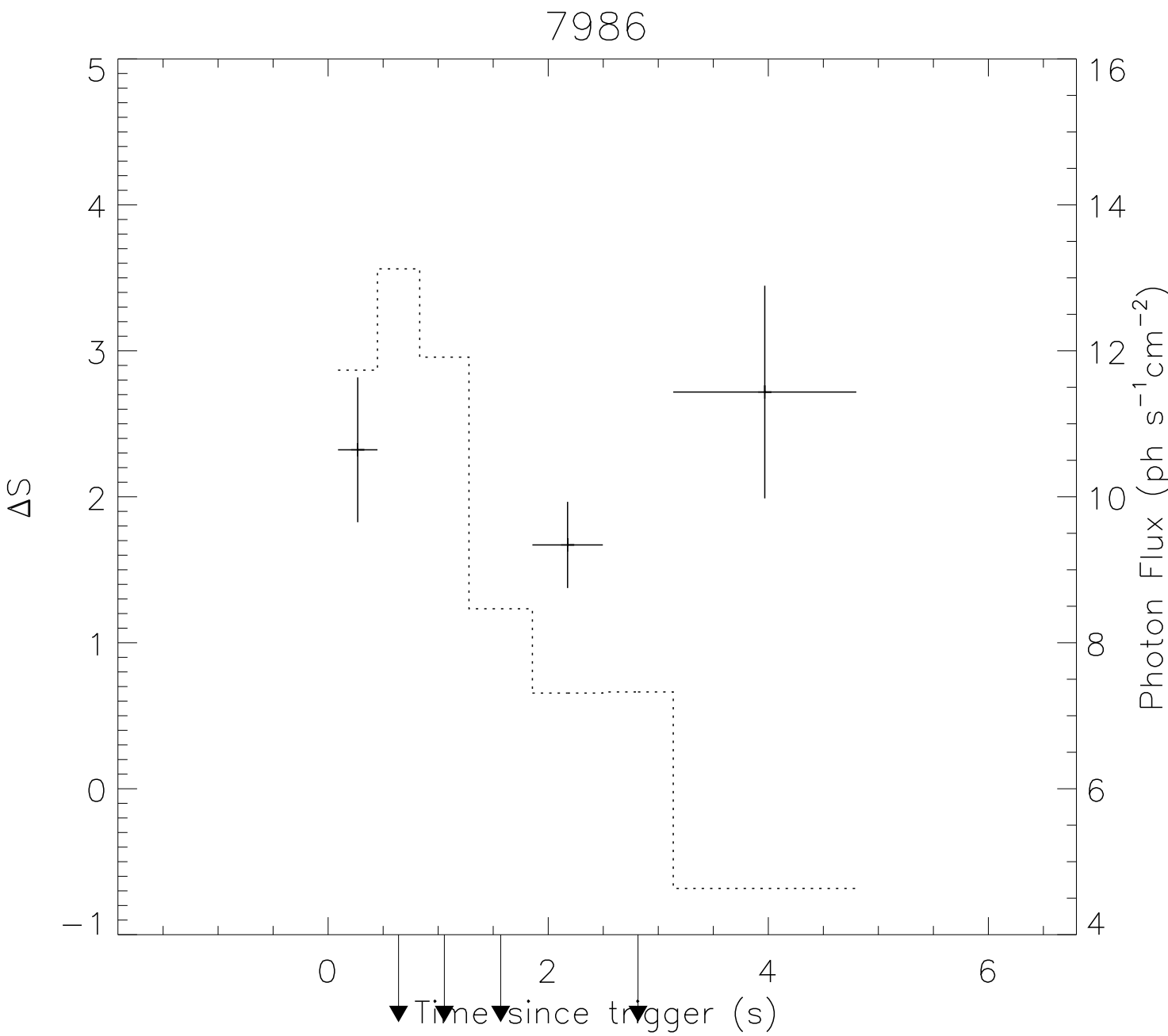

7948
ΔS
5
4
3
2
1
0
−1
1.4
1.2
1.0
0.8
0.6
0.4
0
20
40
60
Time since trigger (s)

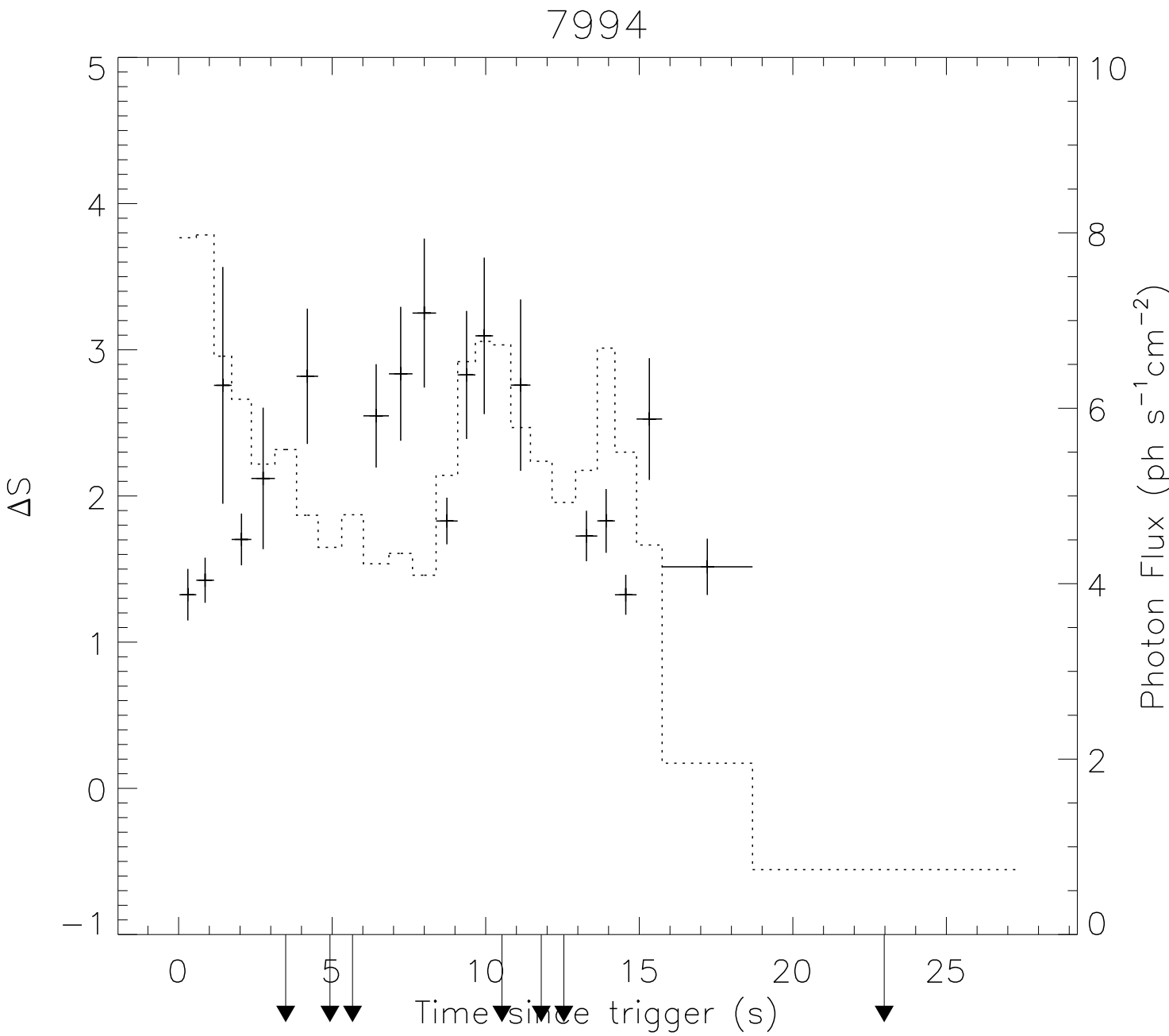

7954
ΔS
Time since trigger (s)
5
4
3
2
1
0
−1
120
100
80
60
40
20
0
0
5
10
15

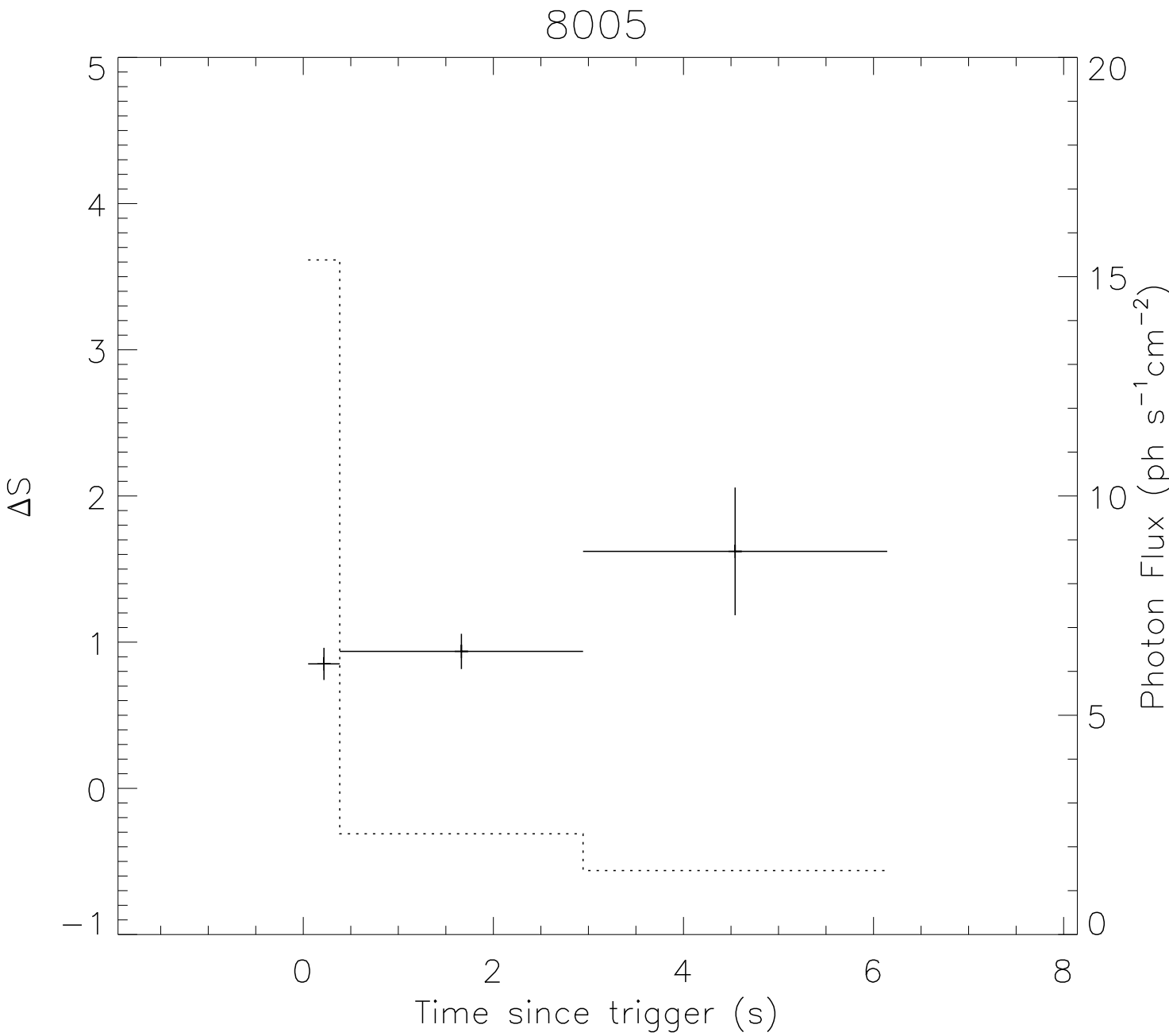

7971
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
10
20
30
40
50

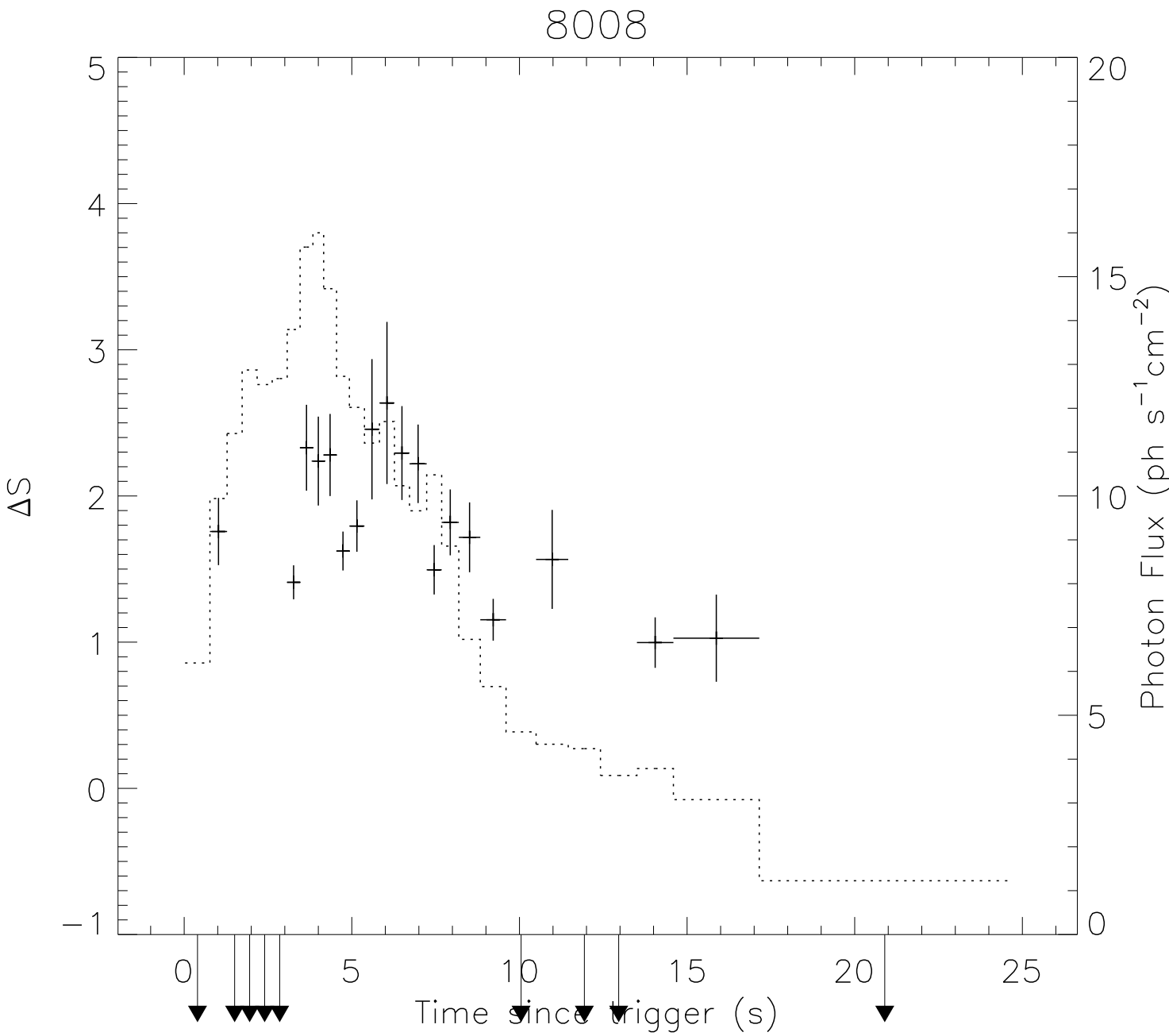

7975
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
100
−1
0
1
2
3
4
5
0
5
10
15
20

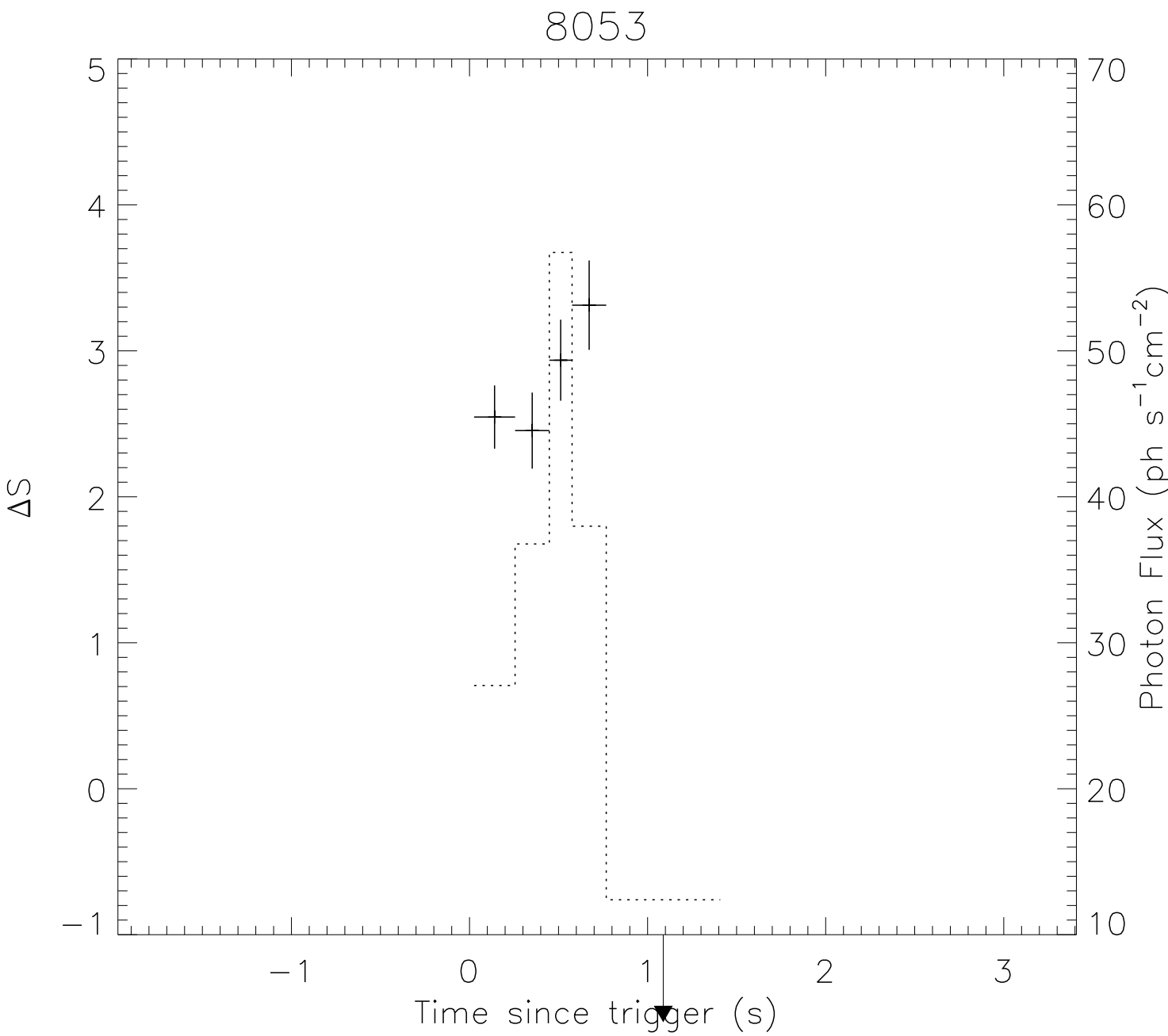

7976
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
20
40
60
80
−1
0
1
2
3
4
5

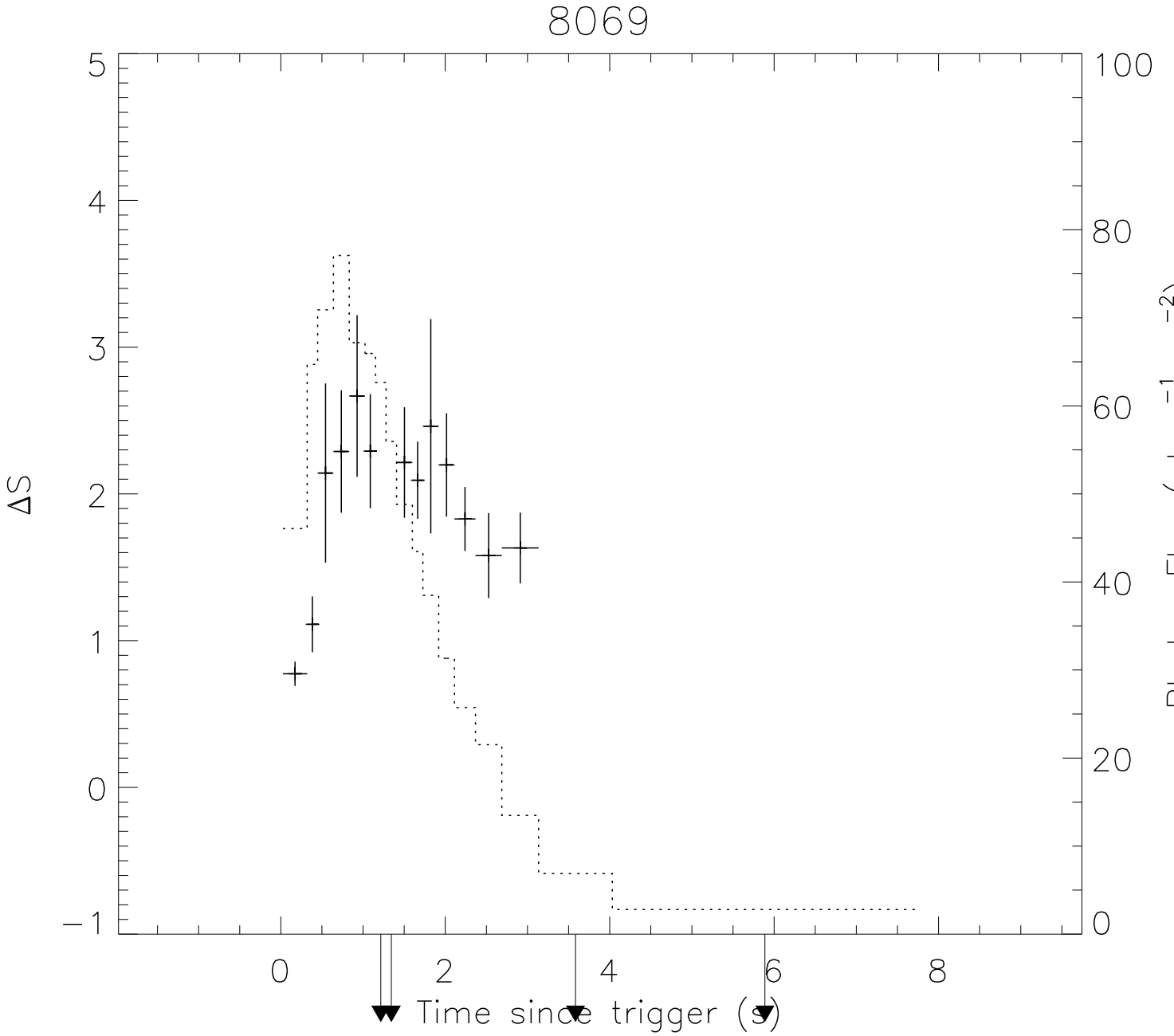

7986
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
16
14
12
10
8
6
4
0
2
4
6

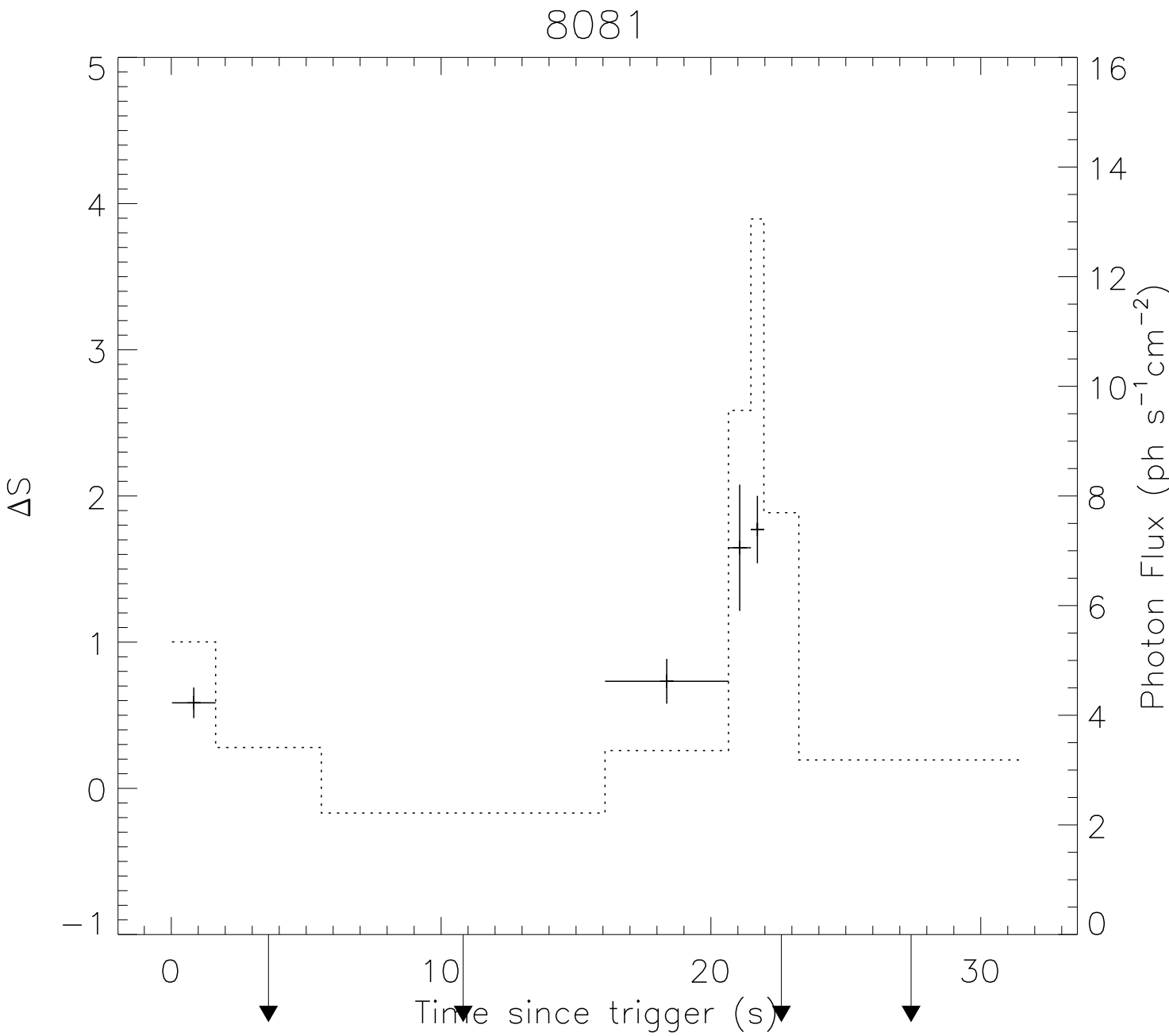

7994
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
0
5
10
15
20
25
−1
0
1
2
3
4
5
0
2
4
6
8
10

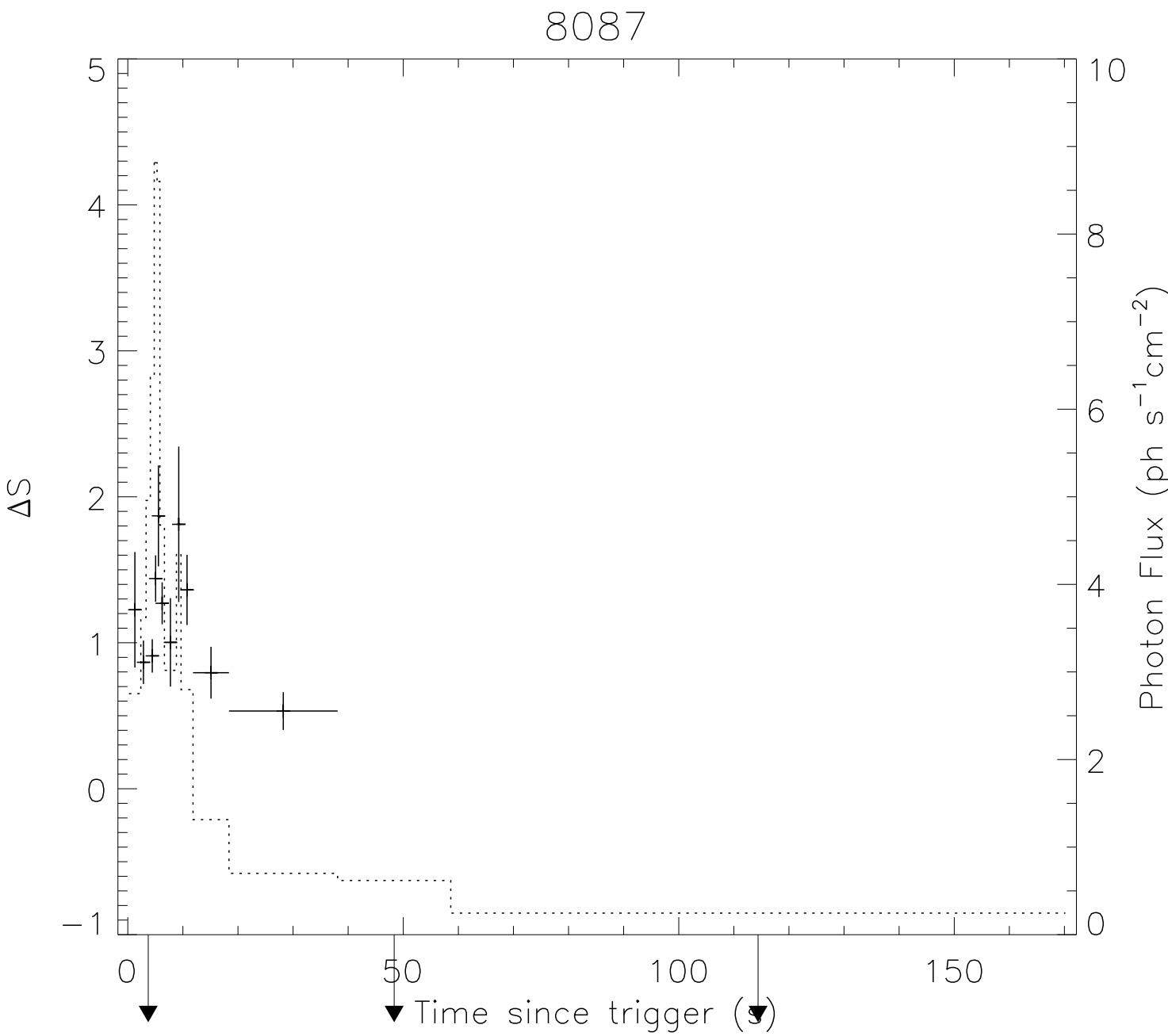

8005
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
2
4
6
8

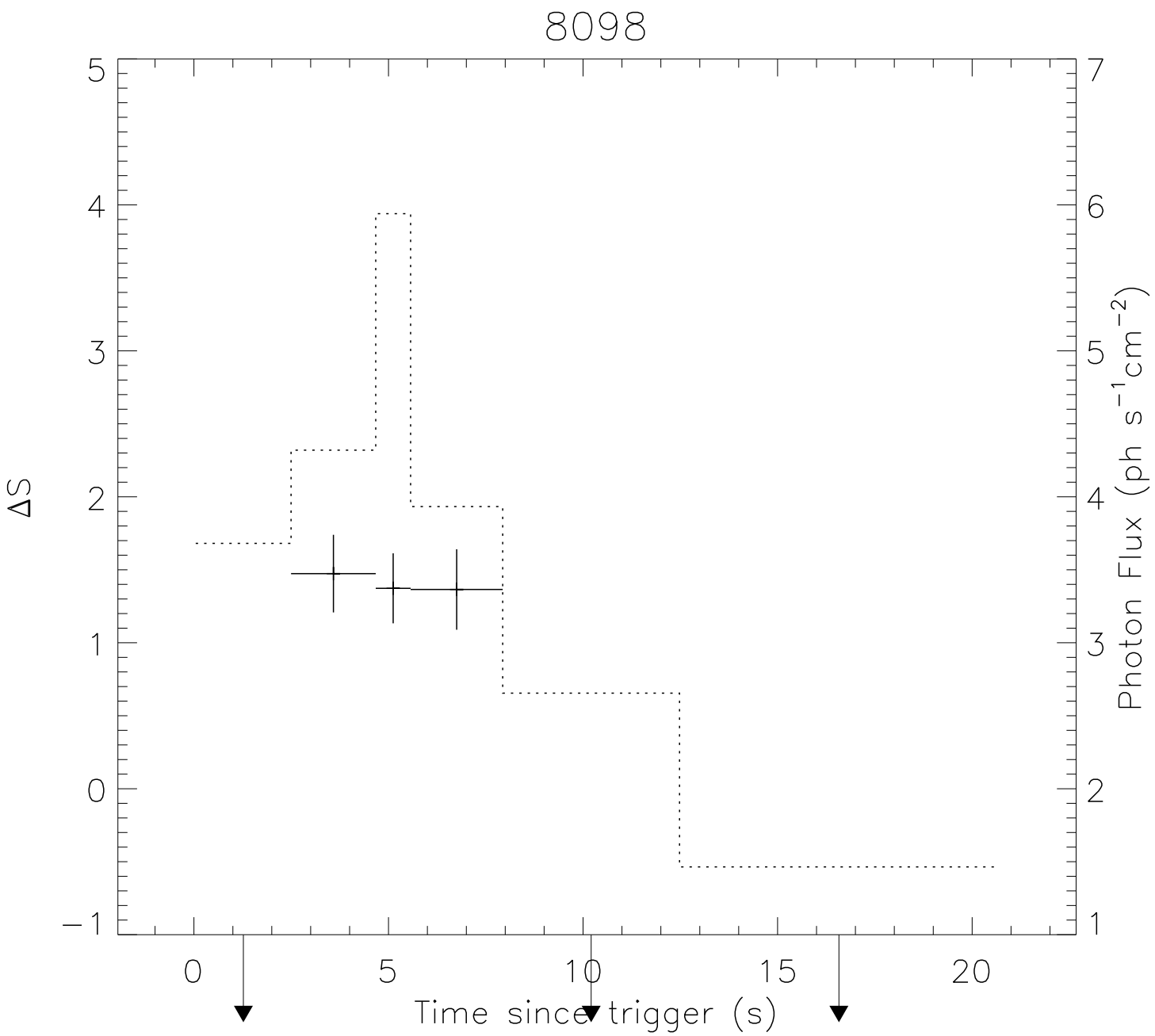

8008
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
20
15
10
5
0
0
5
10
15
20
25

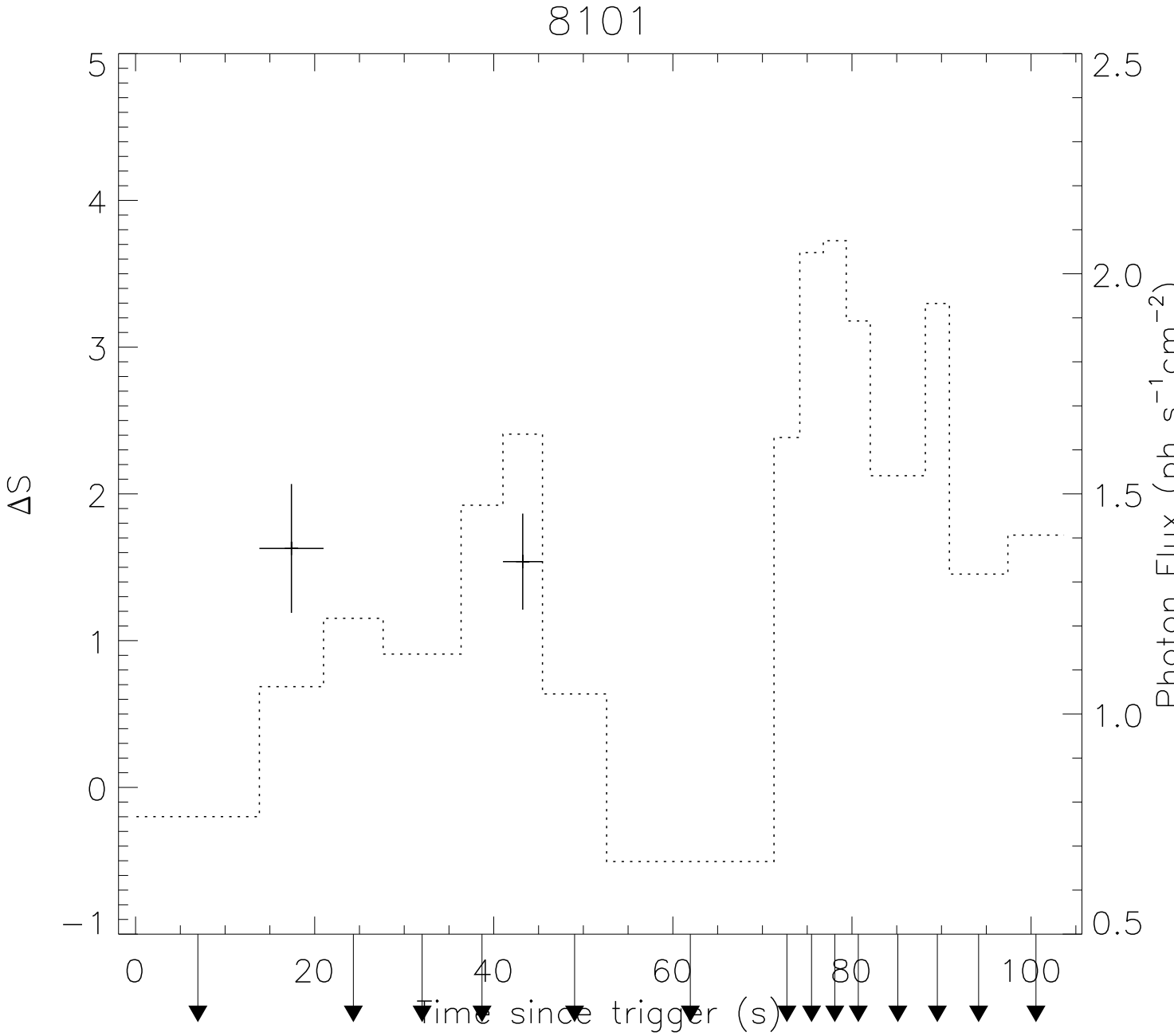

8053
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
70
60
50
40
30
20
10
−1
0
1
2
3

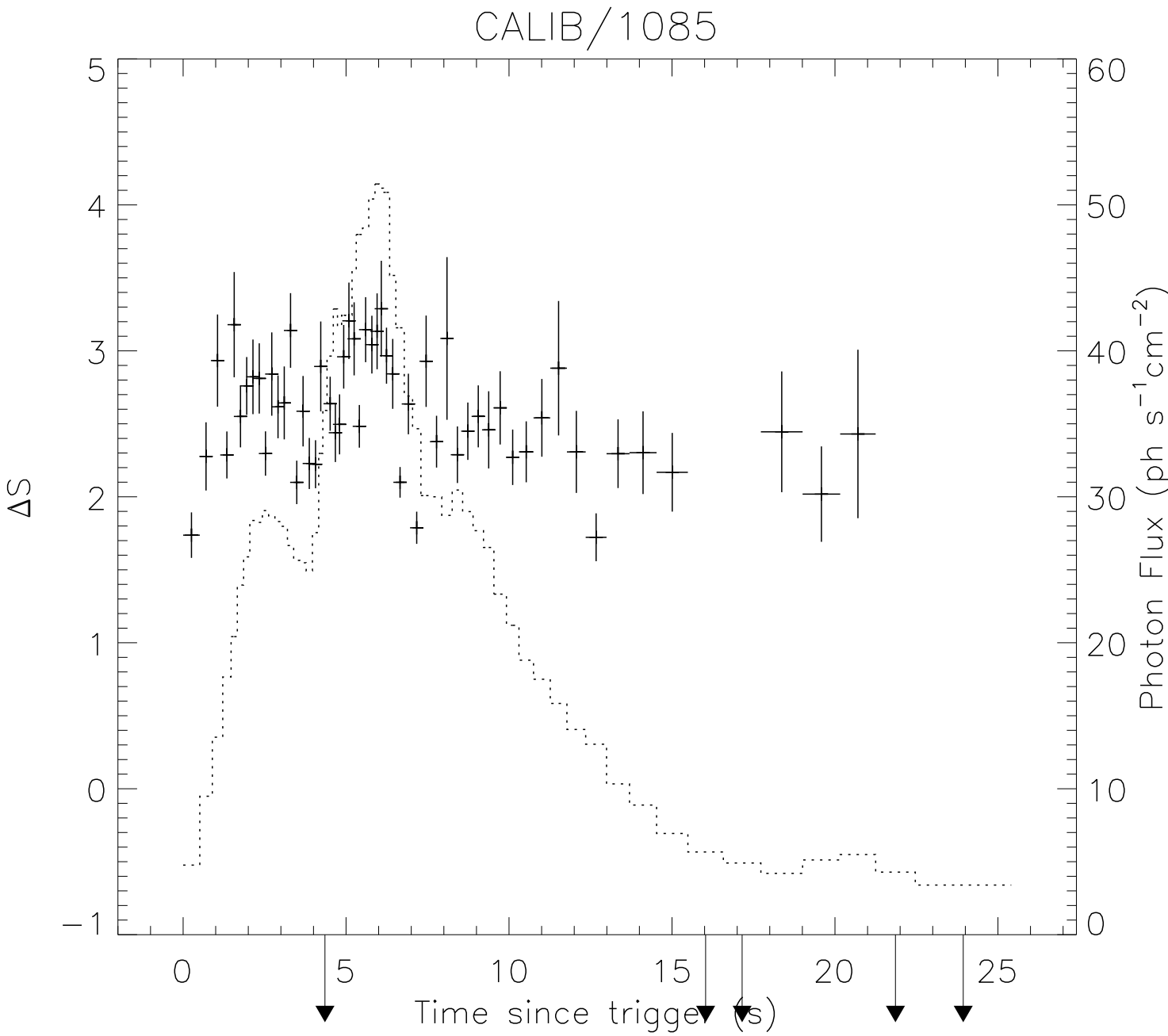

8069
ΔS
Time since trigger (s)
5
4
3
2
1
0
−1
100
80
60
40
20
0
0
2
4
6
8

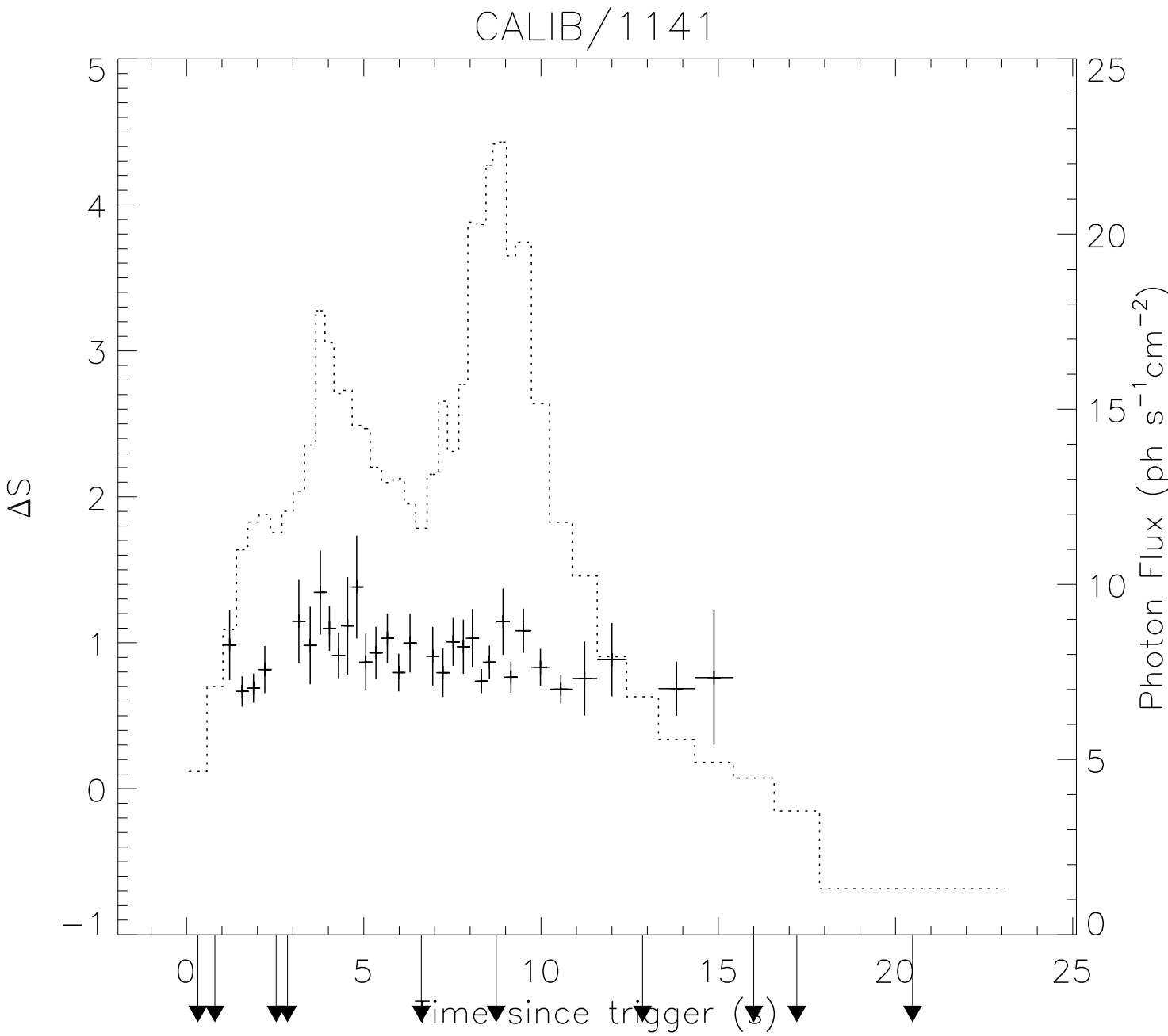

8081
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
16
14
12
10
8
6
4
2
0
0
10
20
30

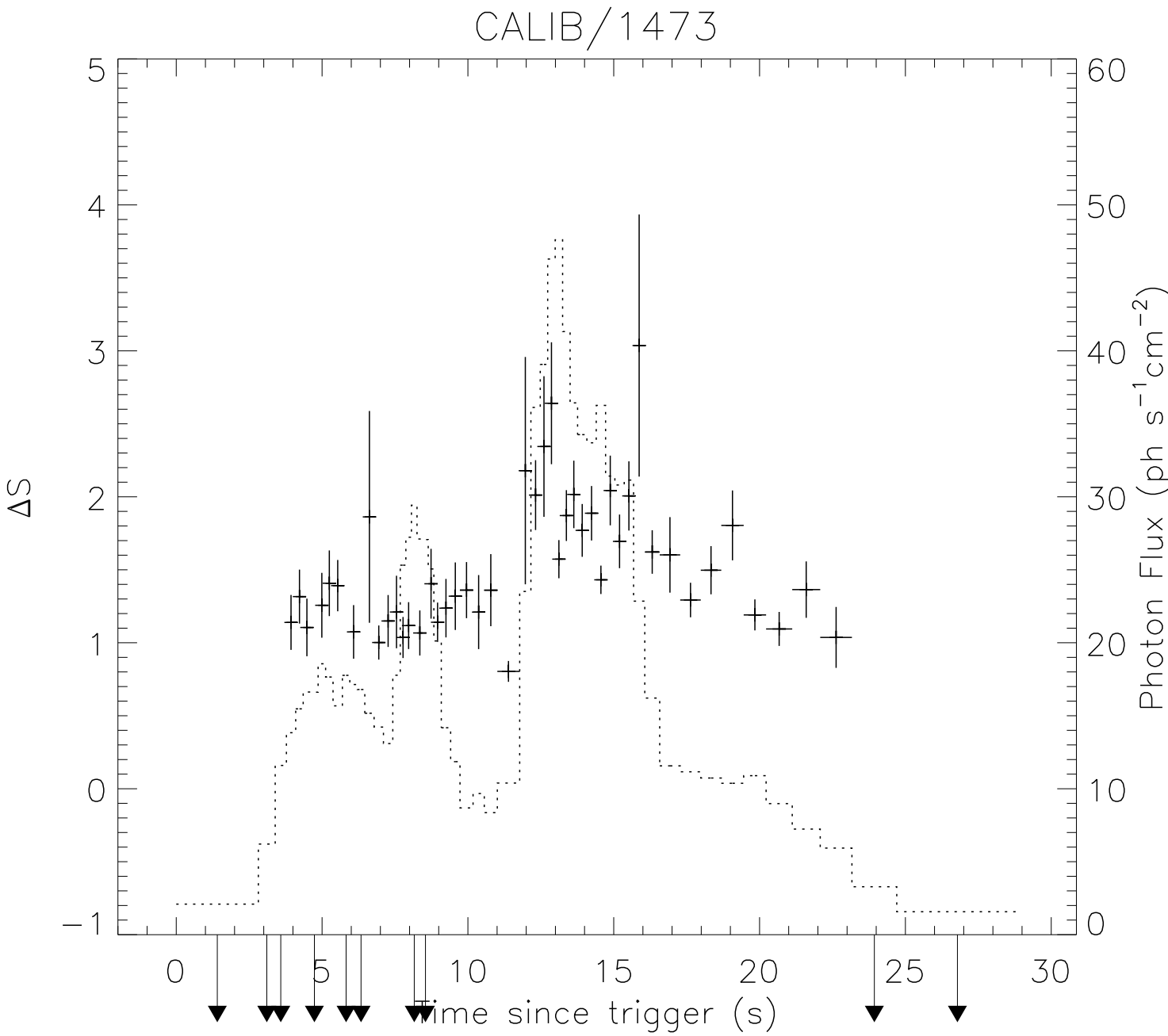

8087
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
10
8
6
4
2
0
0
50
100
150

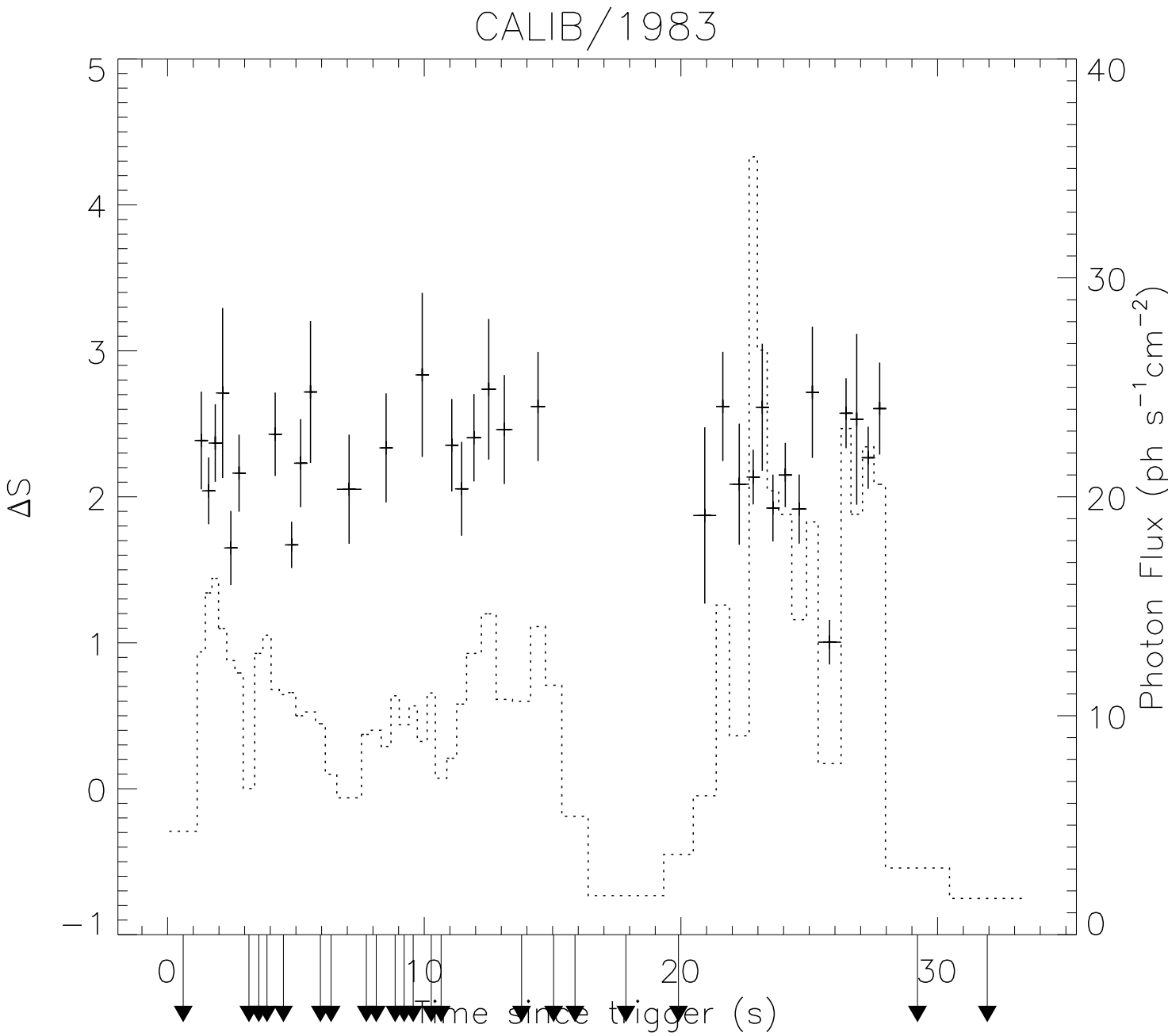

8098
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
7
6
5
4
3
2
1
0
5
10
15
20

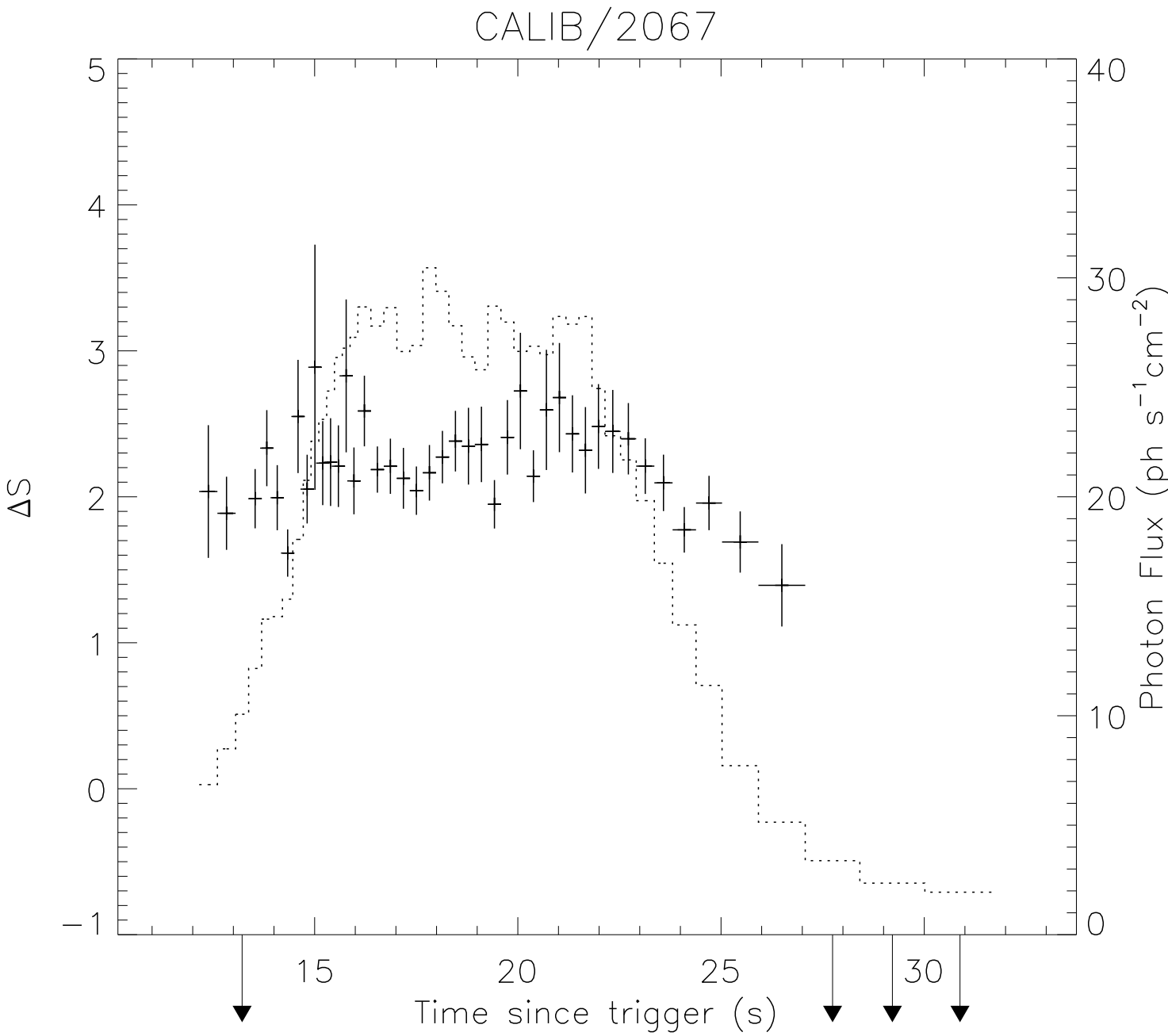

8101
ΔS
Time since trigger (s)
Photon Flux (ph s^{-1}cm^{-2})
5
4
3
2
1
0
−1
2.5
2.0
1.5
1.0
0.5
0
20
40
60
80
100

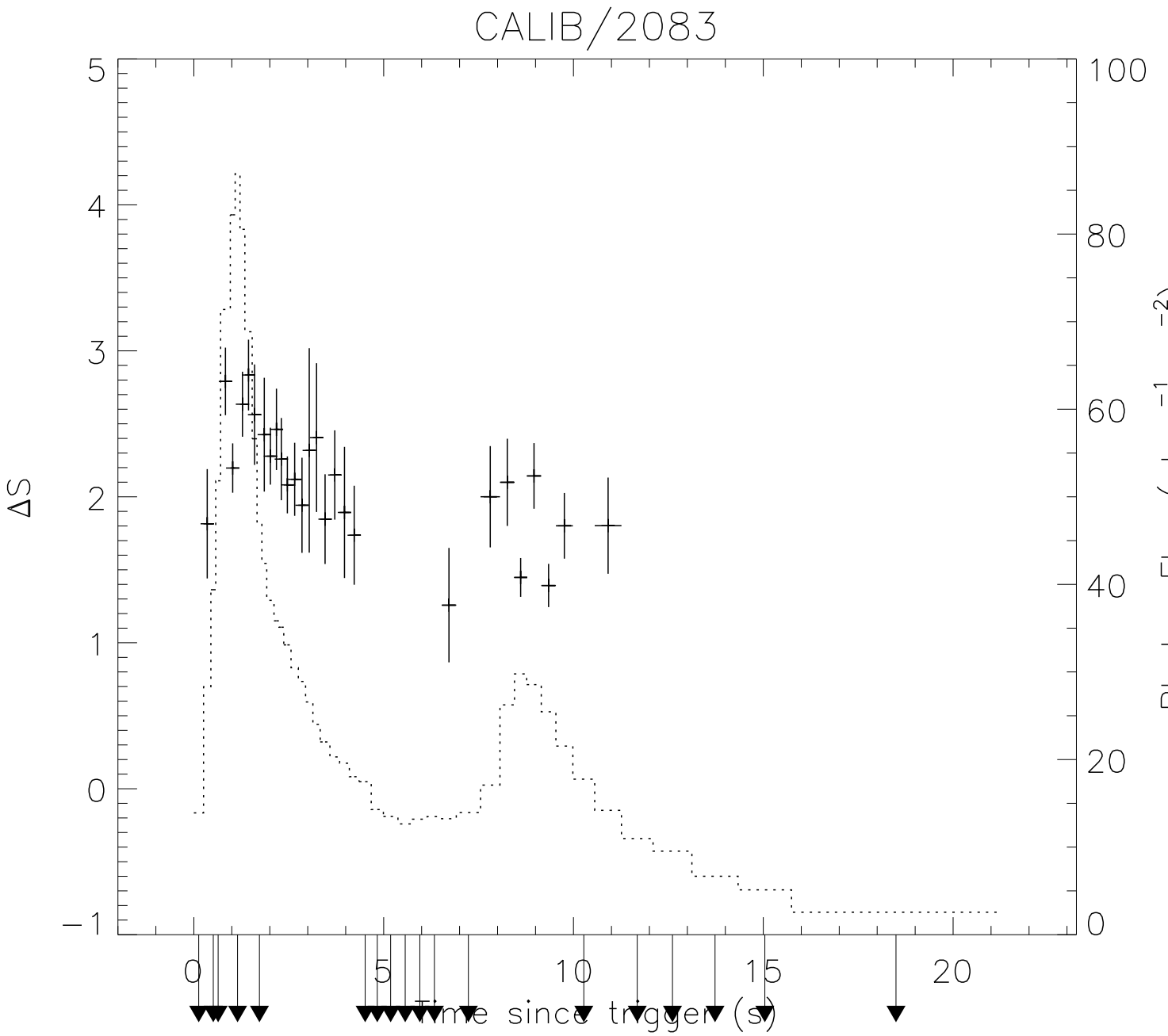

CALIB/1085
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
60
50
40
30
20
10
0
0
5
10
15
20
25

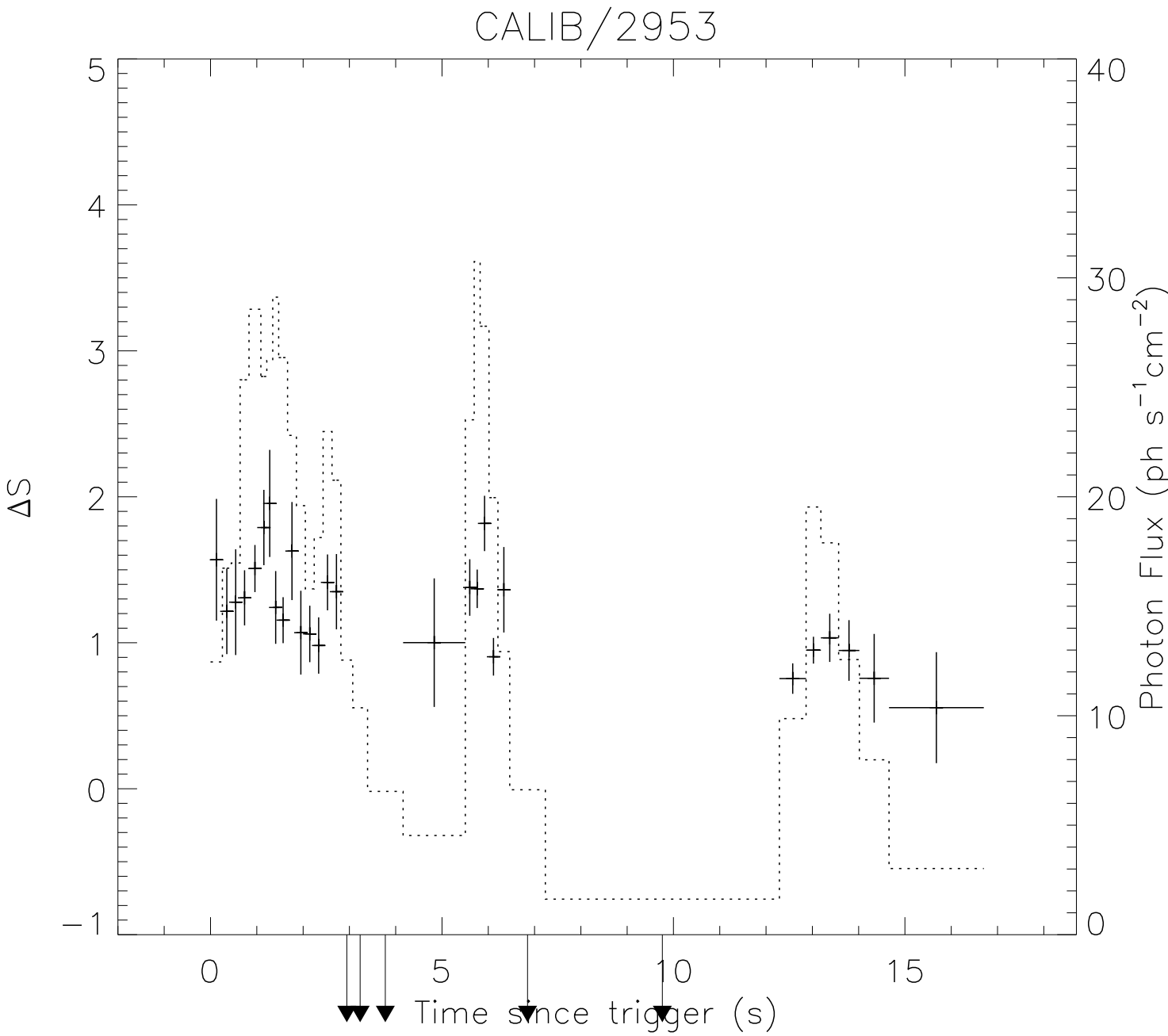

CALIB/1141
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
5
10
15
20
25

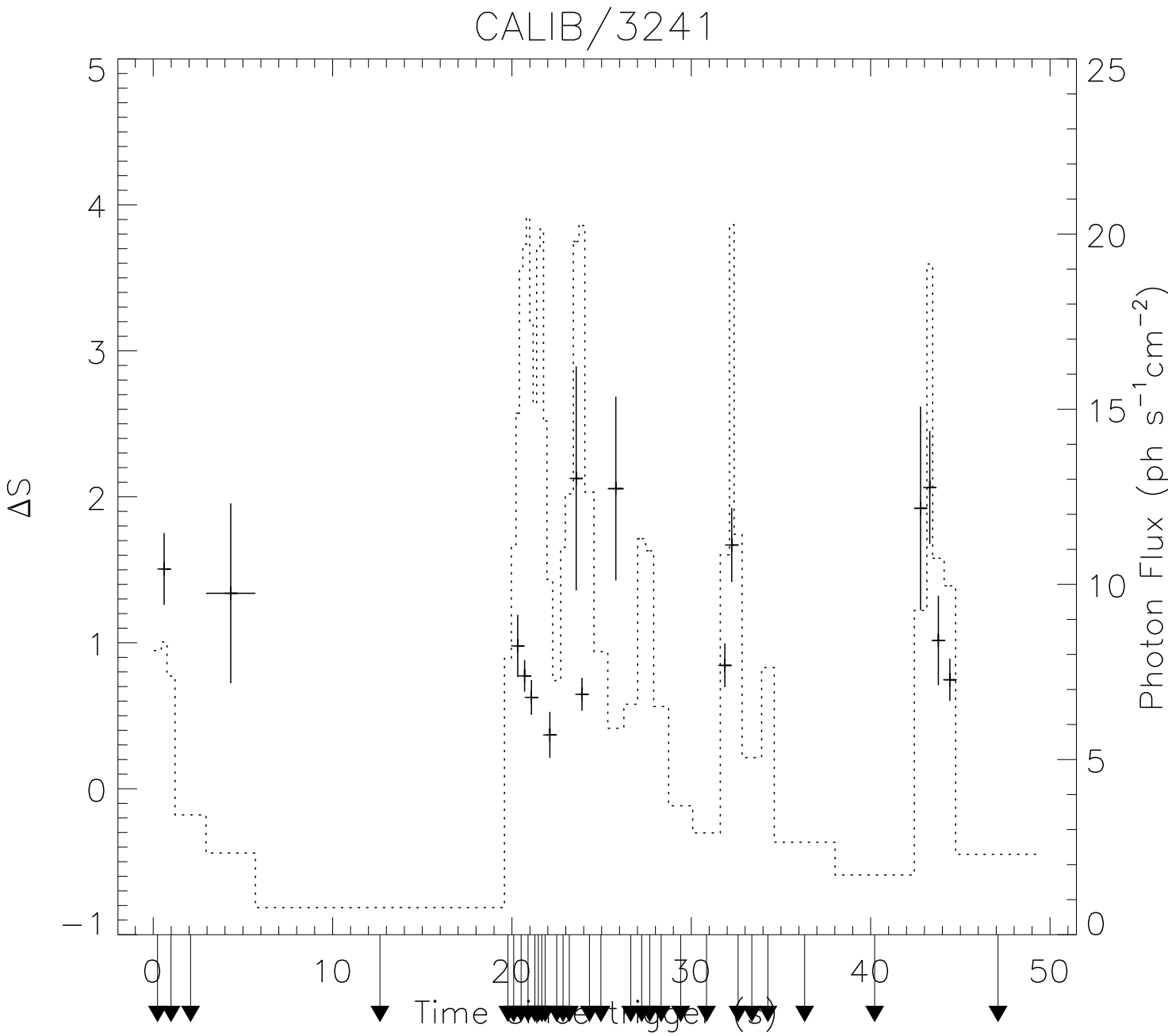

CALIB/1473
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
60
50
40
30
20
10
0
0
5
10
15
20
25
30


CALIB/1983
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
10
20
30


CALIB/2067
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
15
20
25
30


CALIB/2083
ΔS
Time since trigger (s)
5
4
3
2
1
0
−1
100
80
60
40
20
0
0
5
10
15
20


CALIB/2953
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
40
30
20
10
0
0
5
10
15


CALIB/3241
ΔS
Photon Flux (ph s^{-1}cm^{-2})
Time since trigger (s)
5
4
3
2
1
0
−1
25
20
15
10
5
0
0
10
20
30
40
50