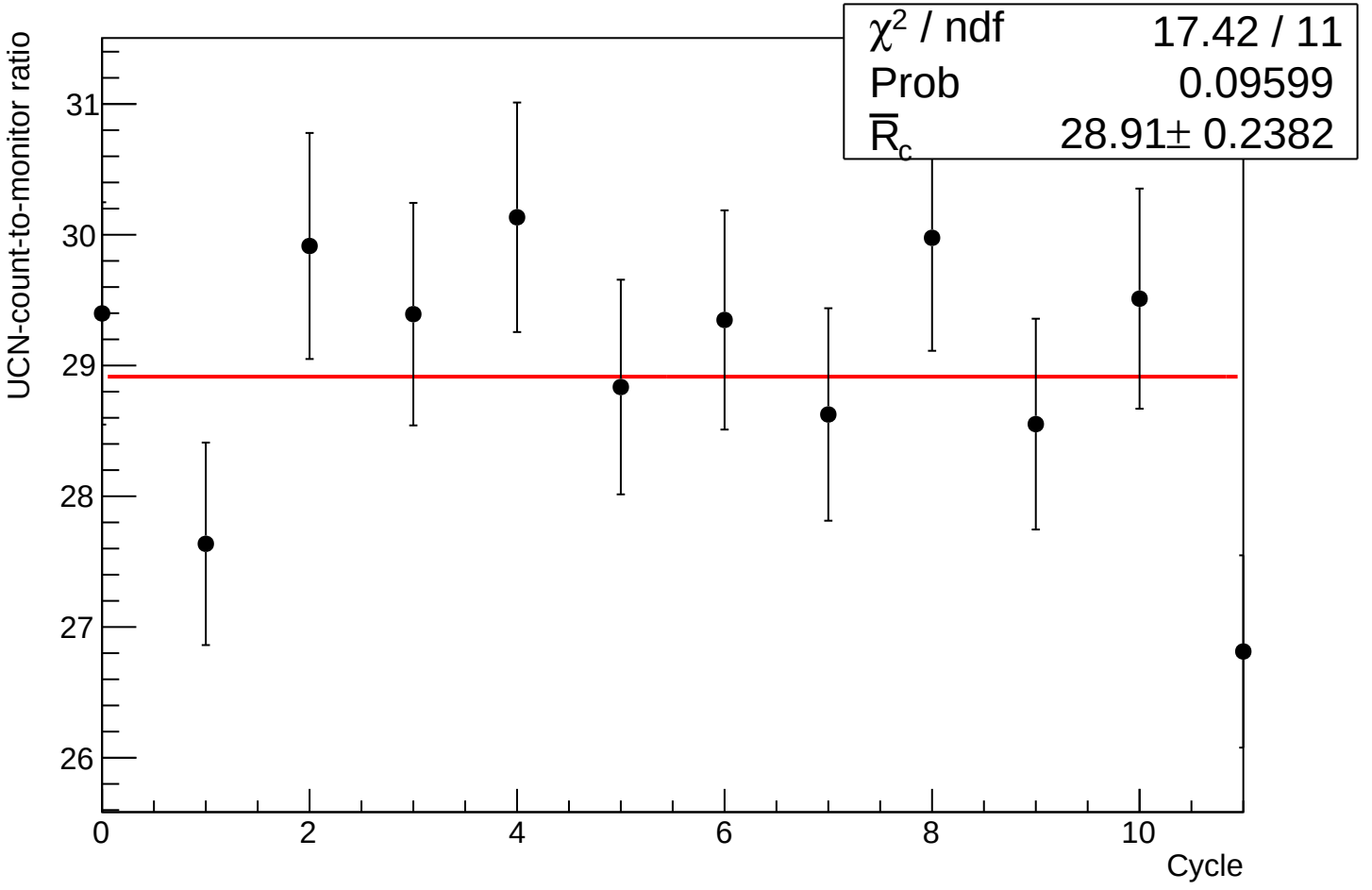
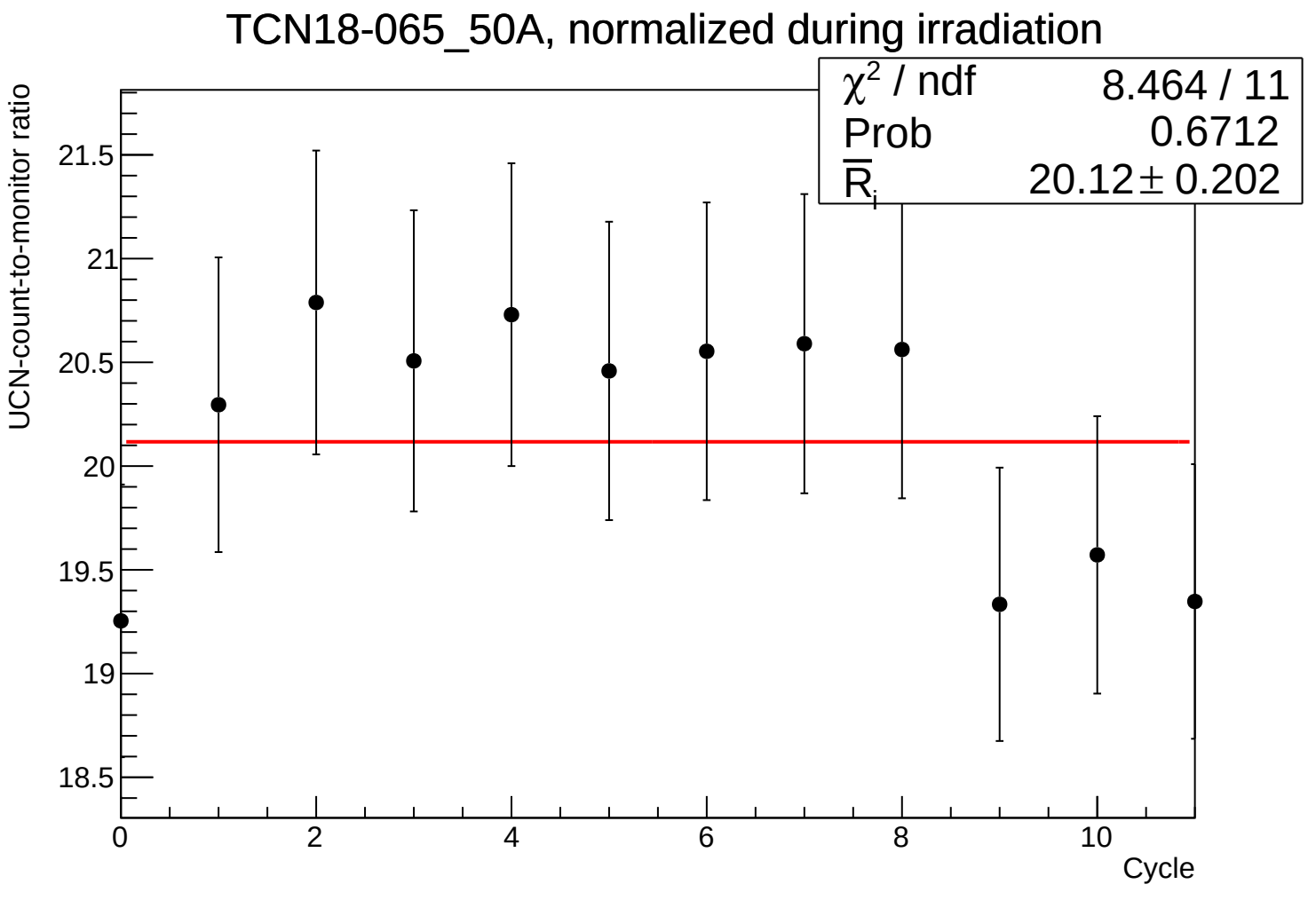
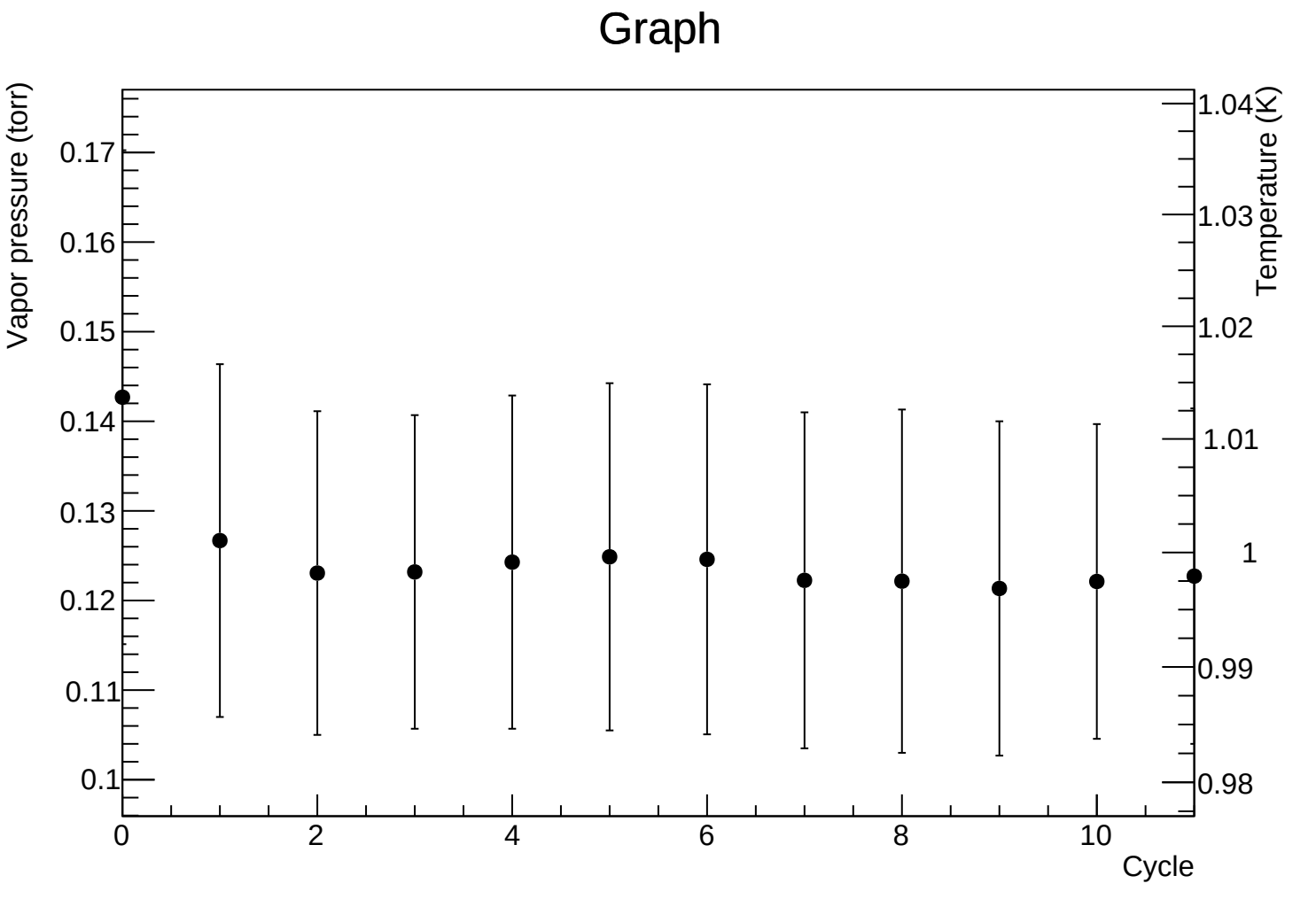
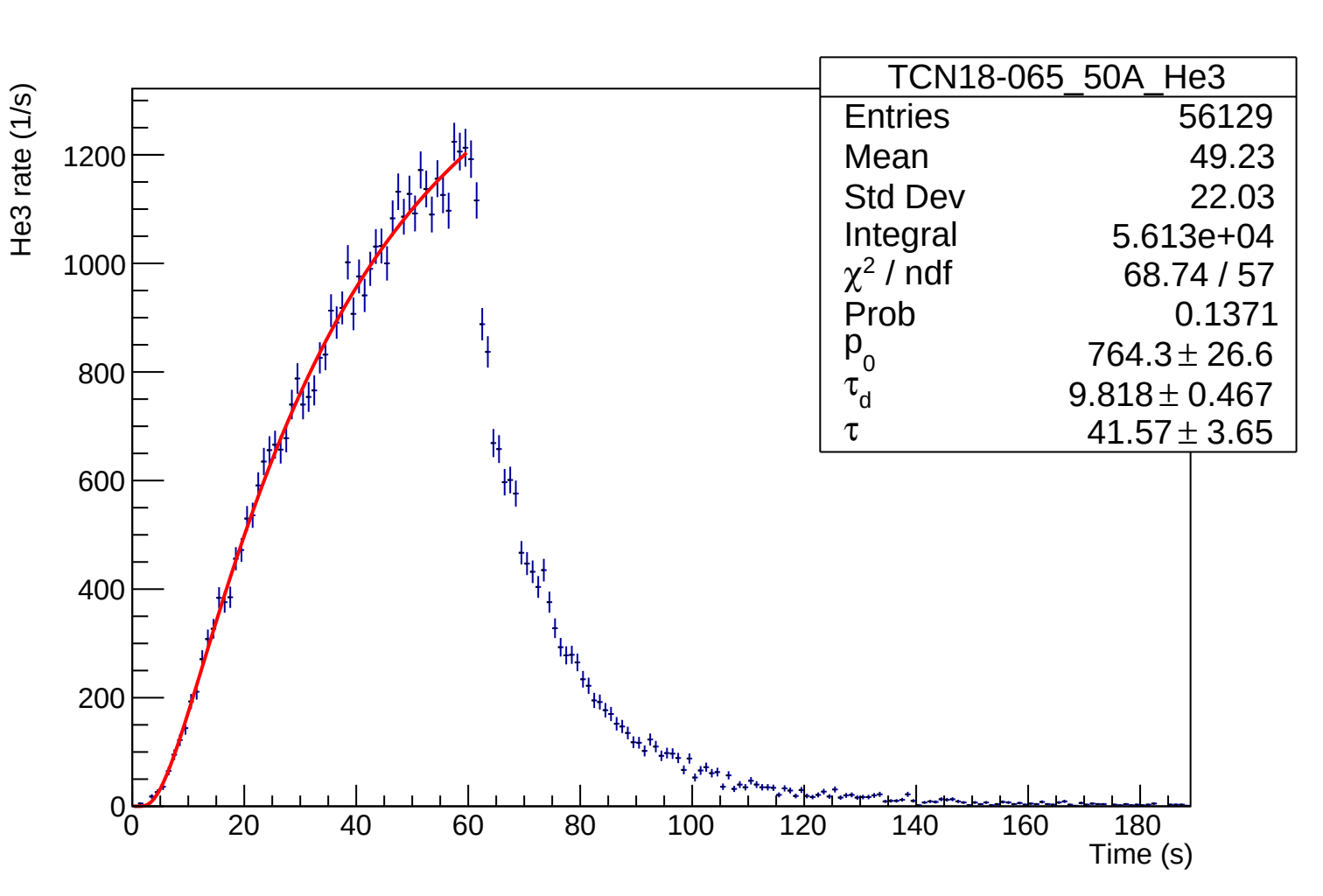
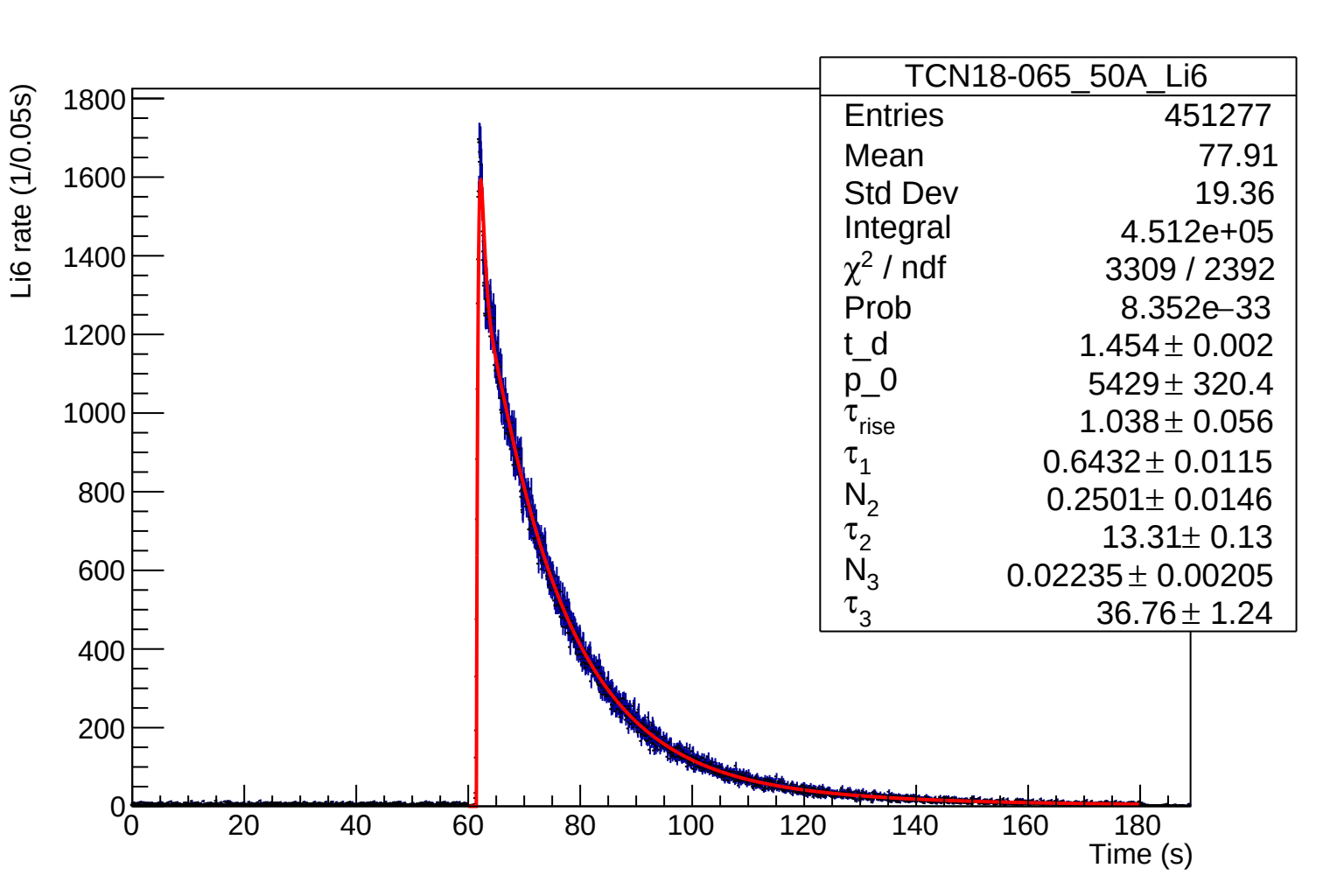
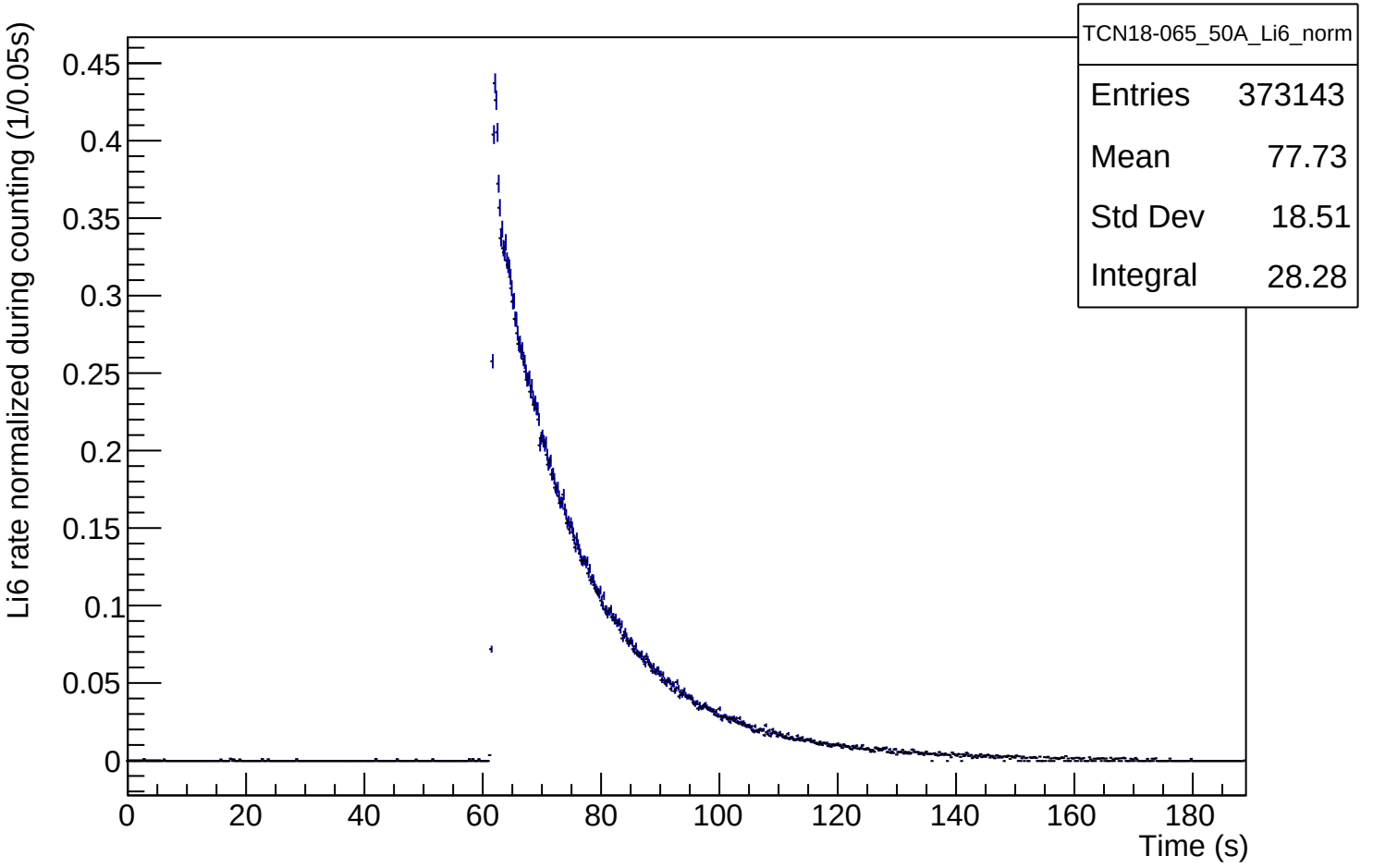

TCN18-065_50A, normalized during counting
χ² / ndf 17.42 / 11
Prob 0.09599
R̄c 28.91± 0.2382
UCN-count-to-monitor ratio
31
30
29
28
27
26
0
2
4
6
8
10
Cycle

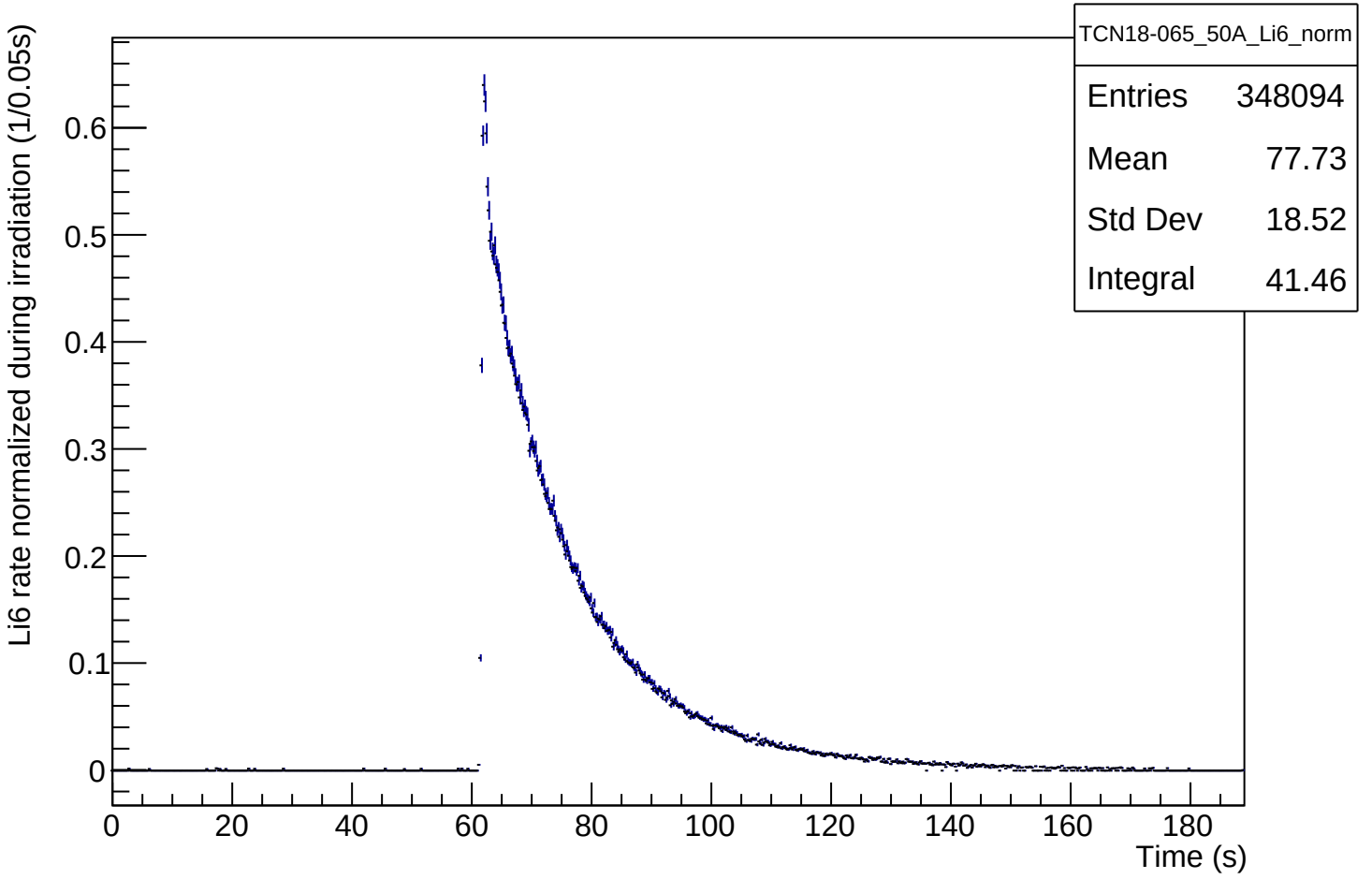

TCN18-065_50A, normalized during irradiation
χ^2 / ndf 8.464 / 11
Prob 0.6712
$\overline{R}_i$ 20.12 ± 0.202
UCN-count-to-monitor ratio
21.5
21
20.5
20
19.5
19
18.5
0
2
4
6
8
10
Cycle

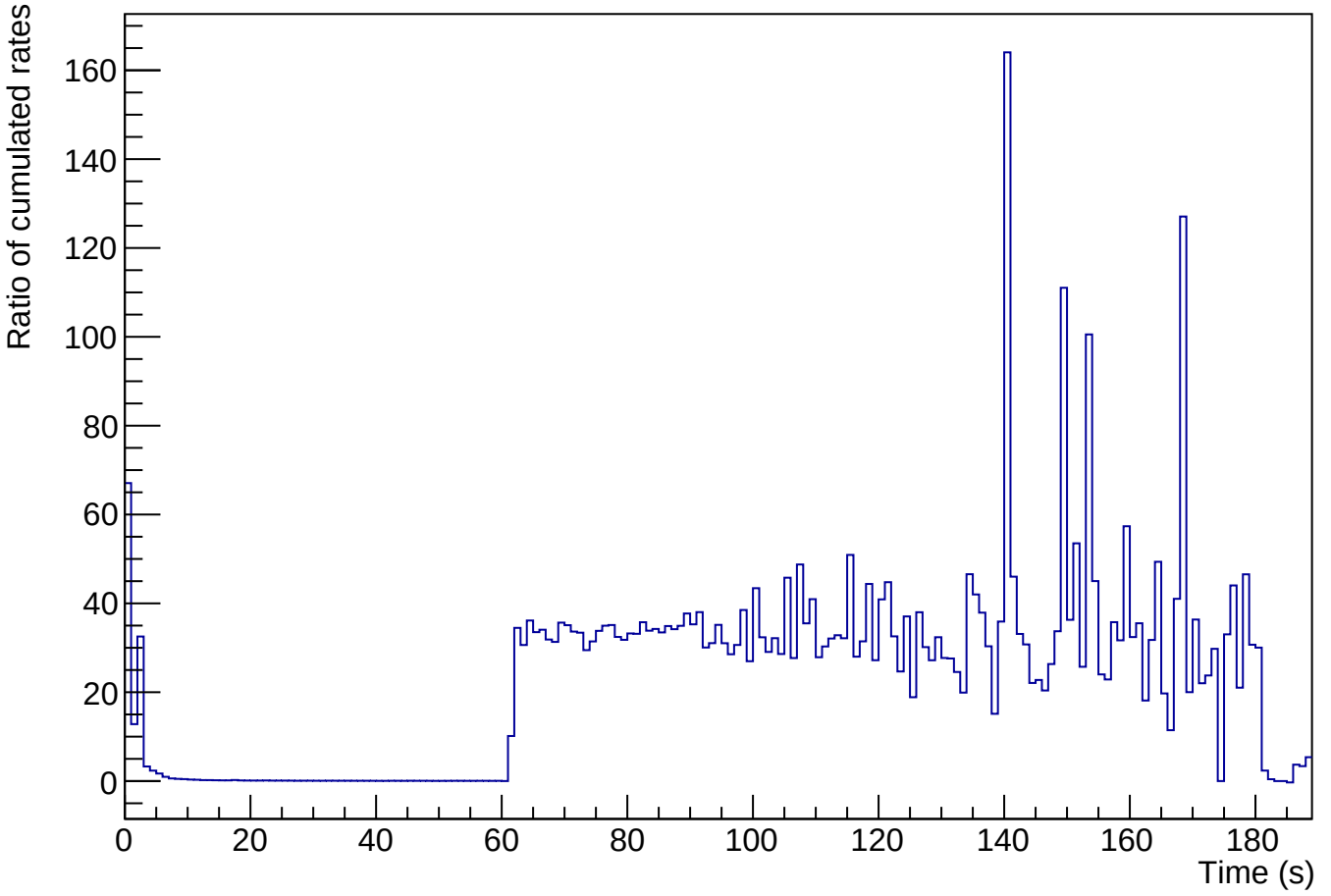

Graph
Vapor pressure (torr)
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.1
Temperature (K)
1.04
1.03
1.02
1.01
1
0.99
0.98
0
2
4
6
8
10
Cycle

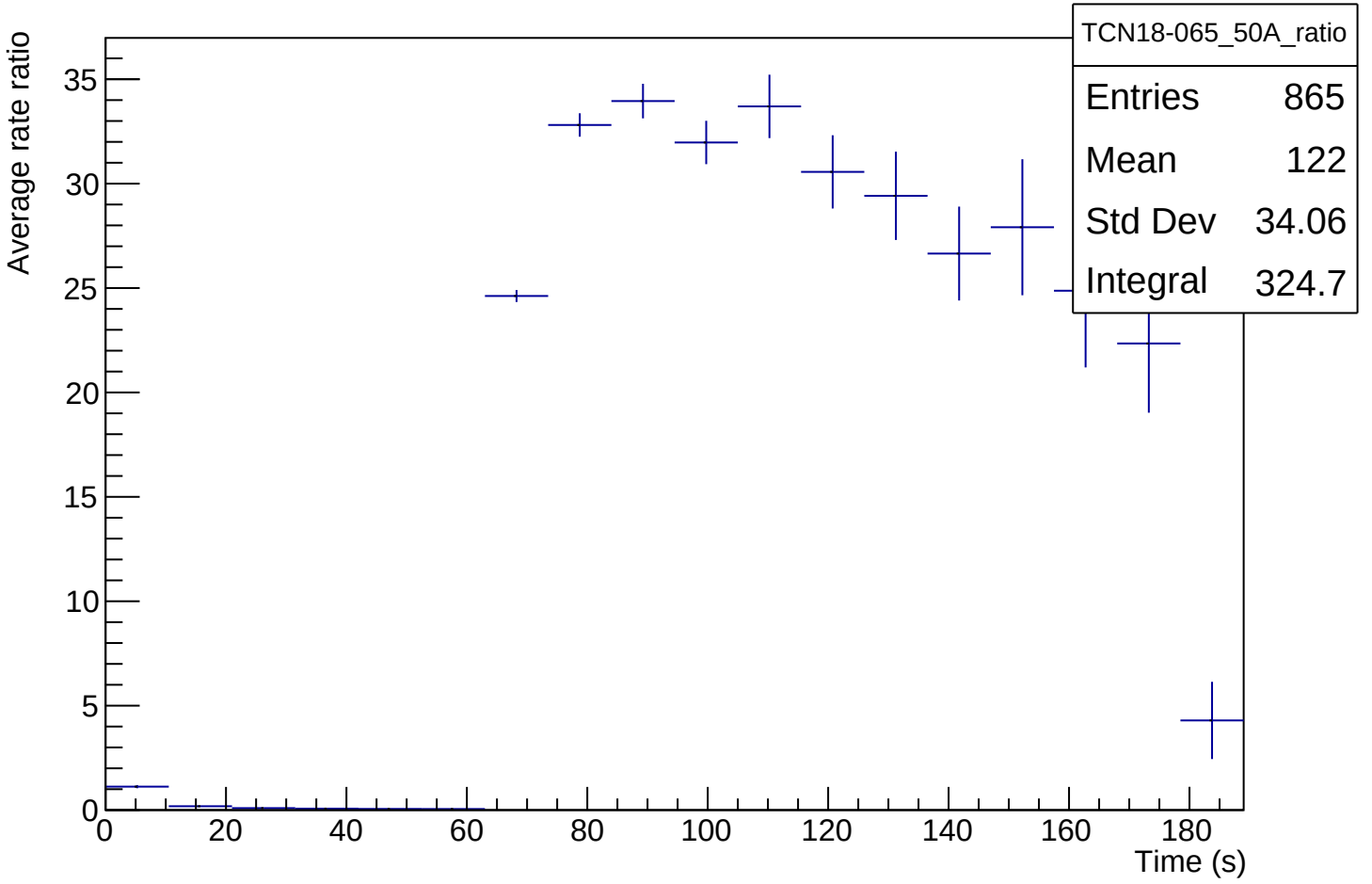

TCN18-065_50A_He3
Entries 56129
Mean 49.23
Std Dev 22.03
Integral 5.613e+04
χ² / ndf 68.74 / 57
Prob 0.1371
p0 764.3 ± 26.6
τd 9.818 ± 0.467
τ 41.57 ± 3.65
He3 rate (1/s)
Time (s)
0
200
400
600
800
1000
1200
0
20
40
60
80
100
120
140
160
180

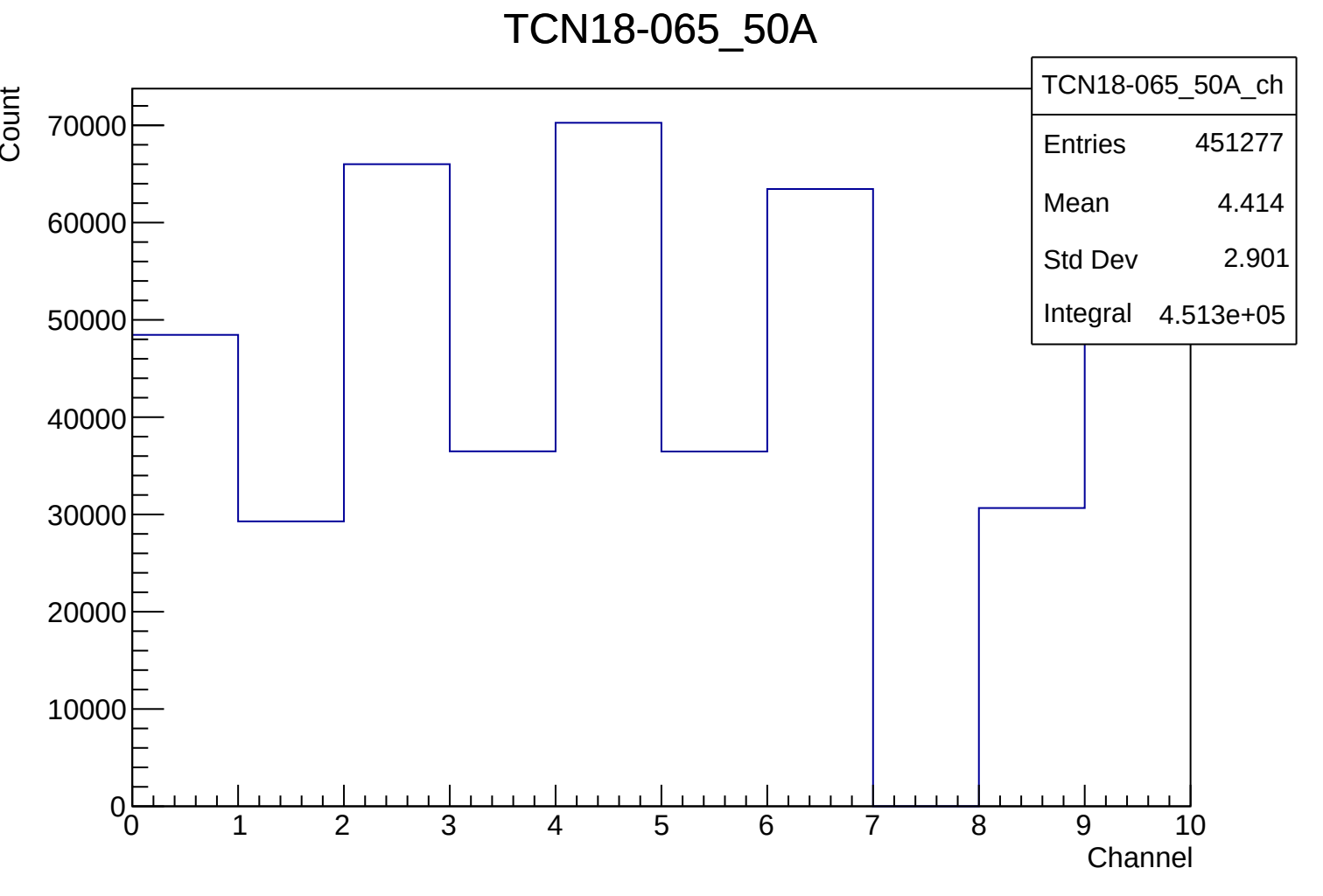

TCN18-065_50A_Li6
Entries 451277
Mean 77.91
Std Dev 19.36
Integral 4.512e+05
χ² / ndf 3309 / 2392
Prob 8.352e−33
t_d 1.454 ± 0.002
p_0 5429 ± 320.4
τ_rise 1.038 ± 0.056
τ_1 0.6432 ± 0.0115
N_2 0.2501 ± 0.0146
τ_2 13.31 ± 0.13
N_3 0.02235 ± 0.00205
τ_3 36.76 ± 1.24
Li6 rate (1/0.05s)
Time (s)
0
200
400
600
800
1000
1200
1400
1600
1800
0
20
40
60
80
100
120
140
160
180

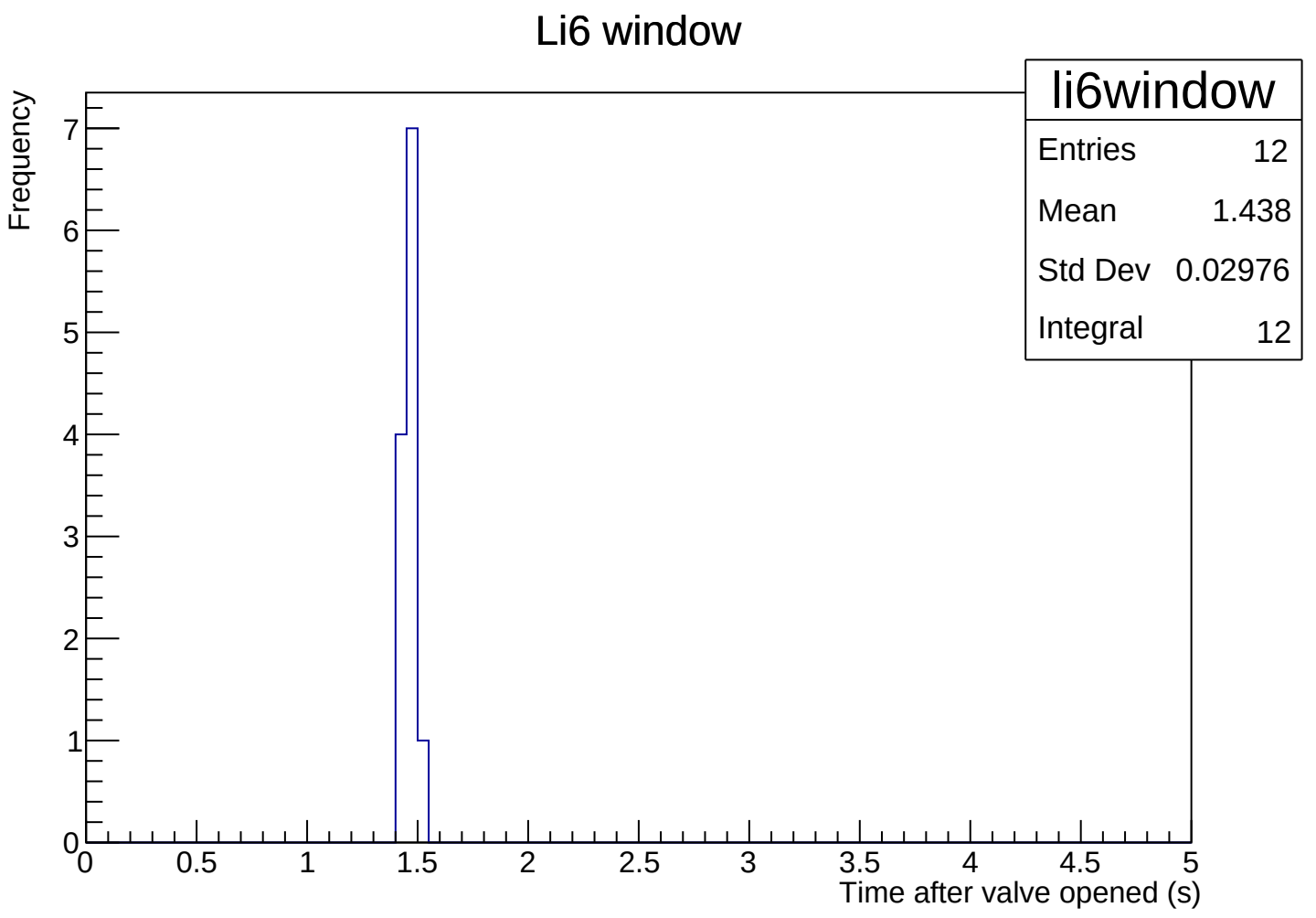

TCN18-065_50A_Li6_norm
Entries 373143
Mean 77.73
Std Dev 18.51
Integral 28.28
Li6 rate normalized during counting (1/0.05s)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
20
40
60
80
100
120
140
160
180
Time (s)


TCN18-065_50A_Li6_norm
Entries 348094
Mean 77.73
Std Dev 18.52
Integral 41.46
Li6 rate normalized during irradiation (1/0.05s)
0
0.1
0.2
0.3
0.4
0.5
0.6
0
20
40
60
80
100
120
140
160
180
Time (s)


Ratio of cumulated rates
160
140
120
100
80
60
40
20
0
0
20
40
60
80
100
120
140
160
180
Time (s)


TCN18-065_50A_ratio
Entries 865
Mean 122
Std Dev 34.06
Integral 324.7
Average rate ratio
Time (s)
0
5
10
15
20
25
30
35
0
20
40
60
80
100
120
140
160
180


TCN18-065_50A
TCN18-065_50A_ch
Entries 451277
Mean 4.414
Std Dev 2.901
Integral 4.513e+05
Count
70000
60000
50000
40000
30000
20000
10000
0
0
1
2
3
4
5
6
7
8
9
10
Channel


Li6 window
li6window
Entries 12
Mean 1.438
Std Dev 0.02976
Integral 12
Frequency
0
1
2
3
4
5
6
7
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Time after valve opened (s)