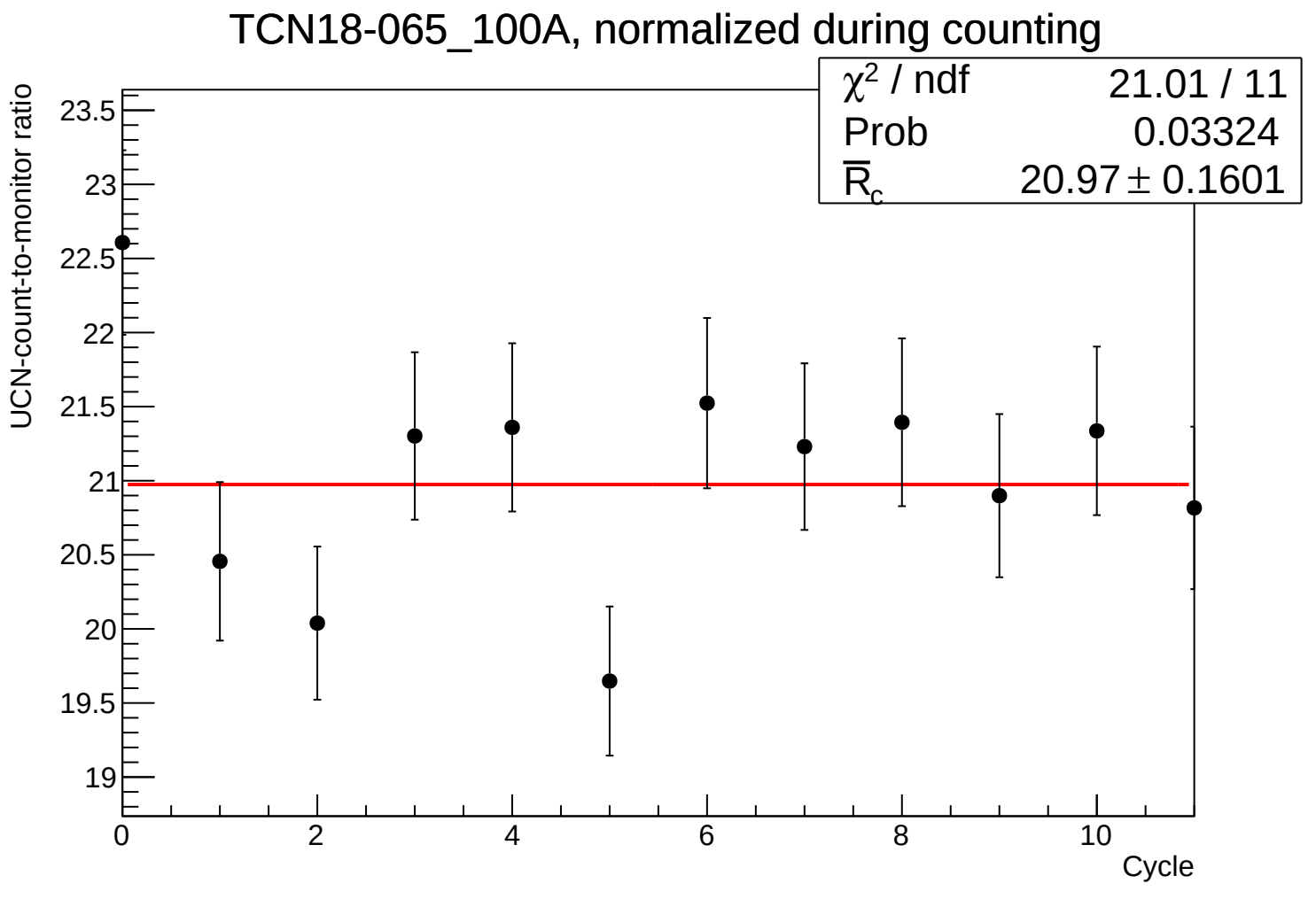
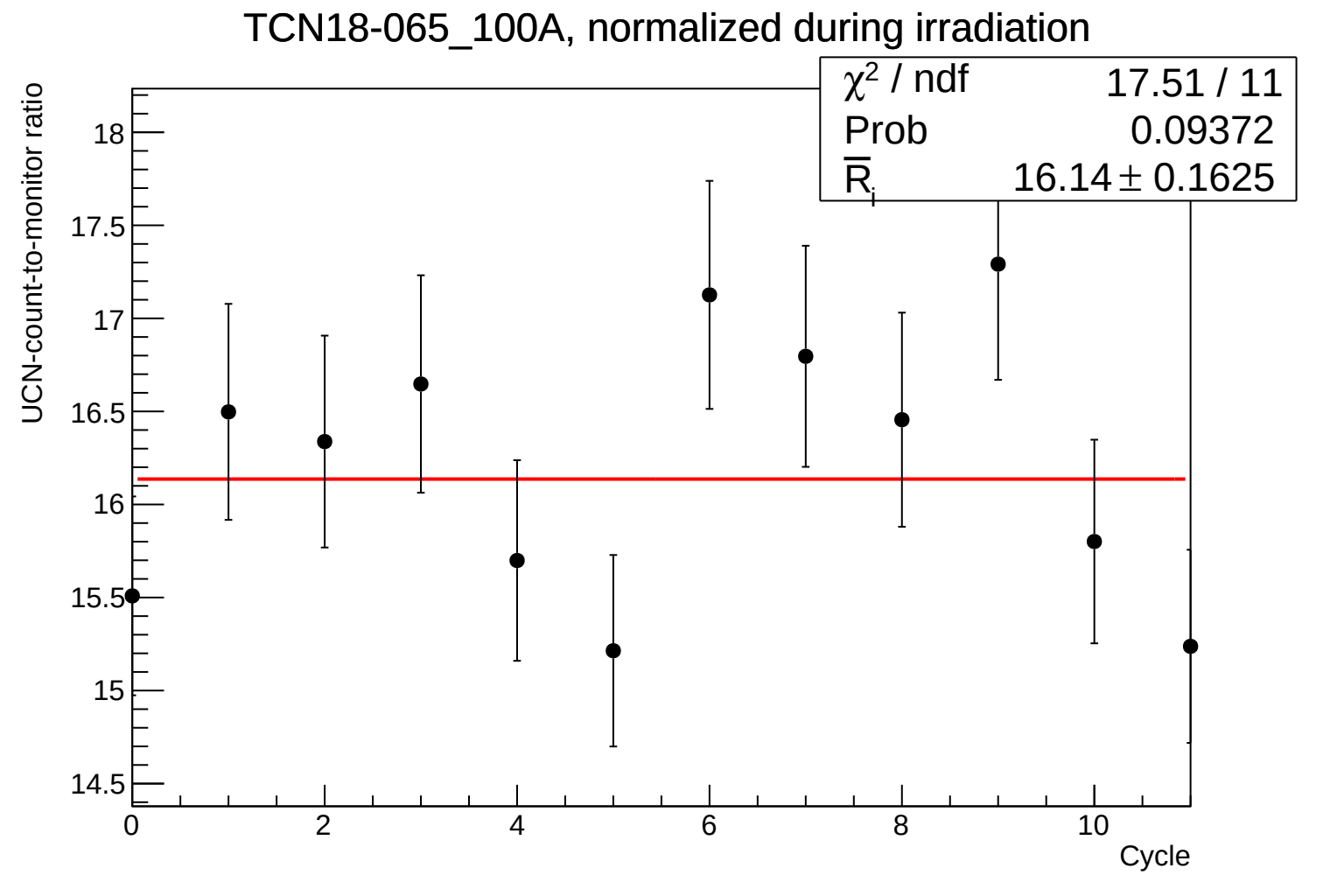
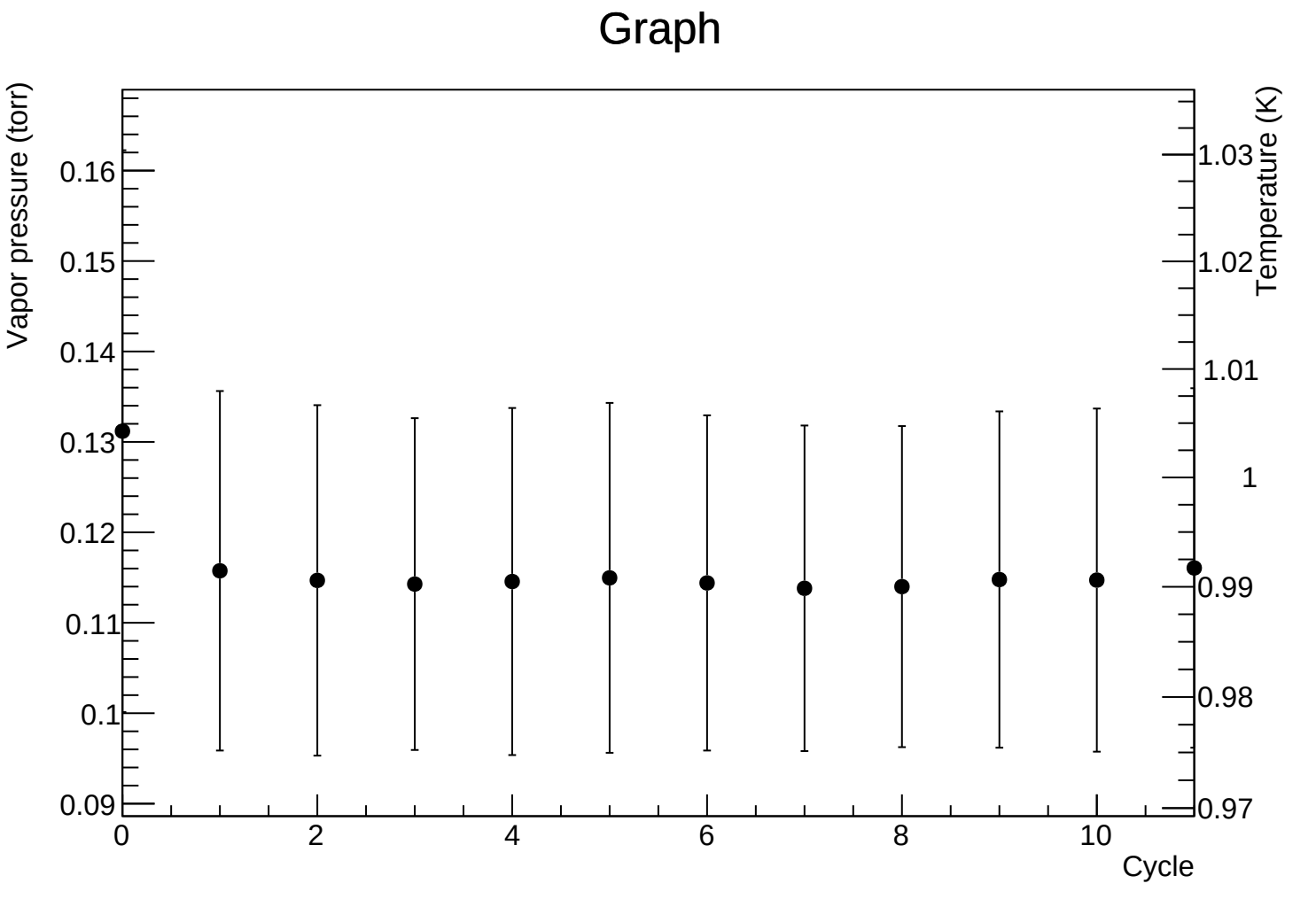
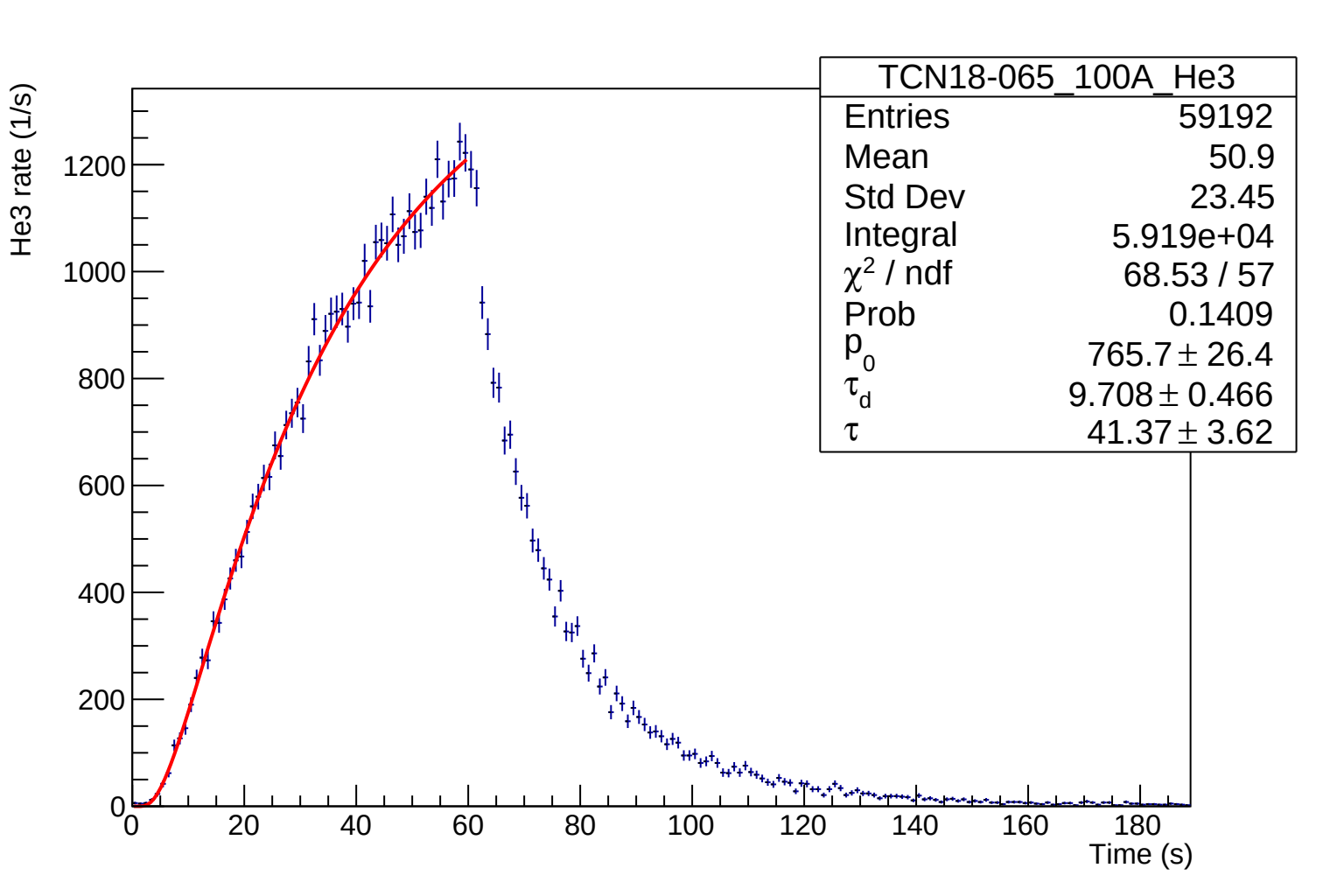
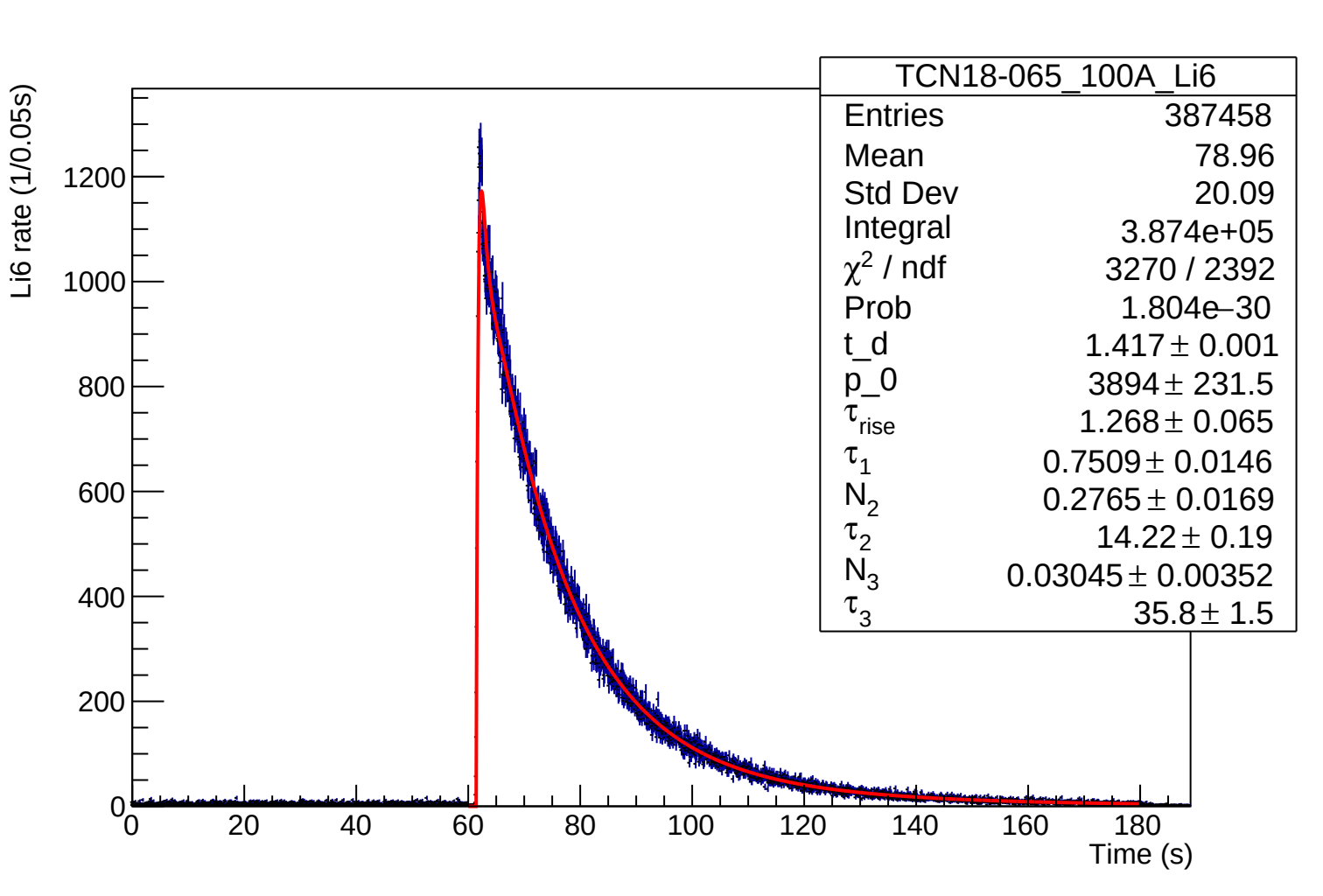
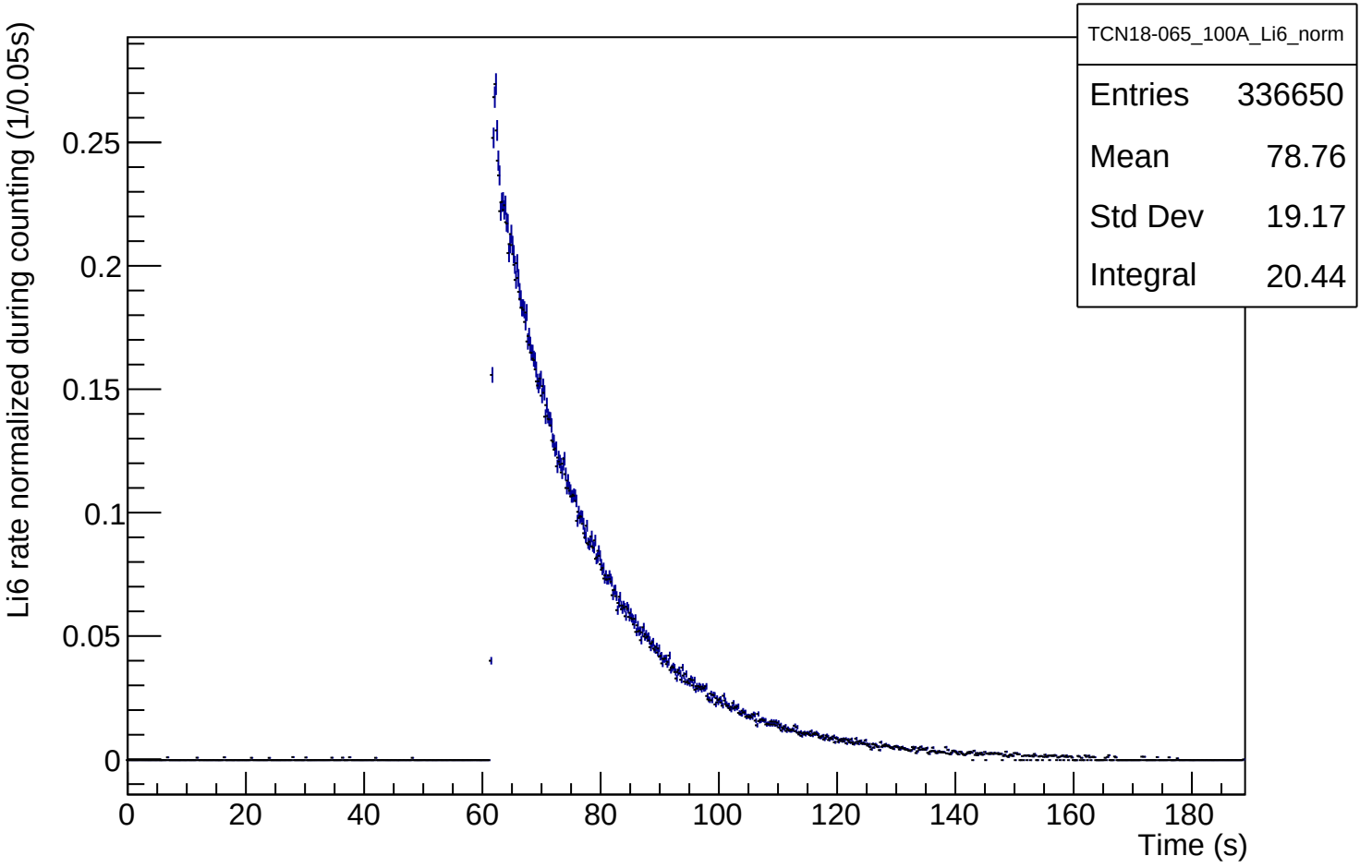

TCN18-065_100A, normalized during counting
χ^2 / ndf 21.01 / 11
Prob 0.03324
$\overline{R}_c$ 20.97 ± 0.1601
UCN-count-to-monitor ratio
23.5
23
22.5
22
21.5
21
20.5
20
19.5
19
0
2
4
6
8
10
Cycle

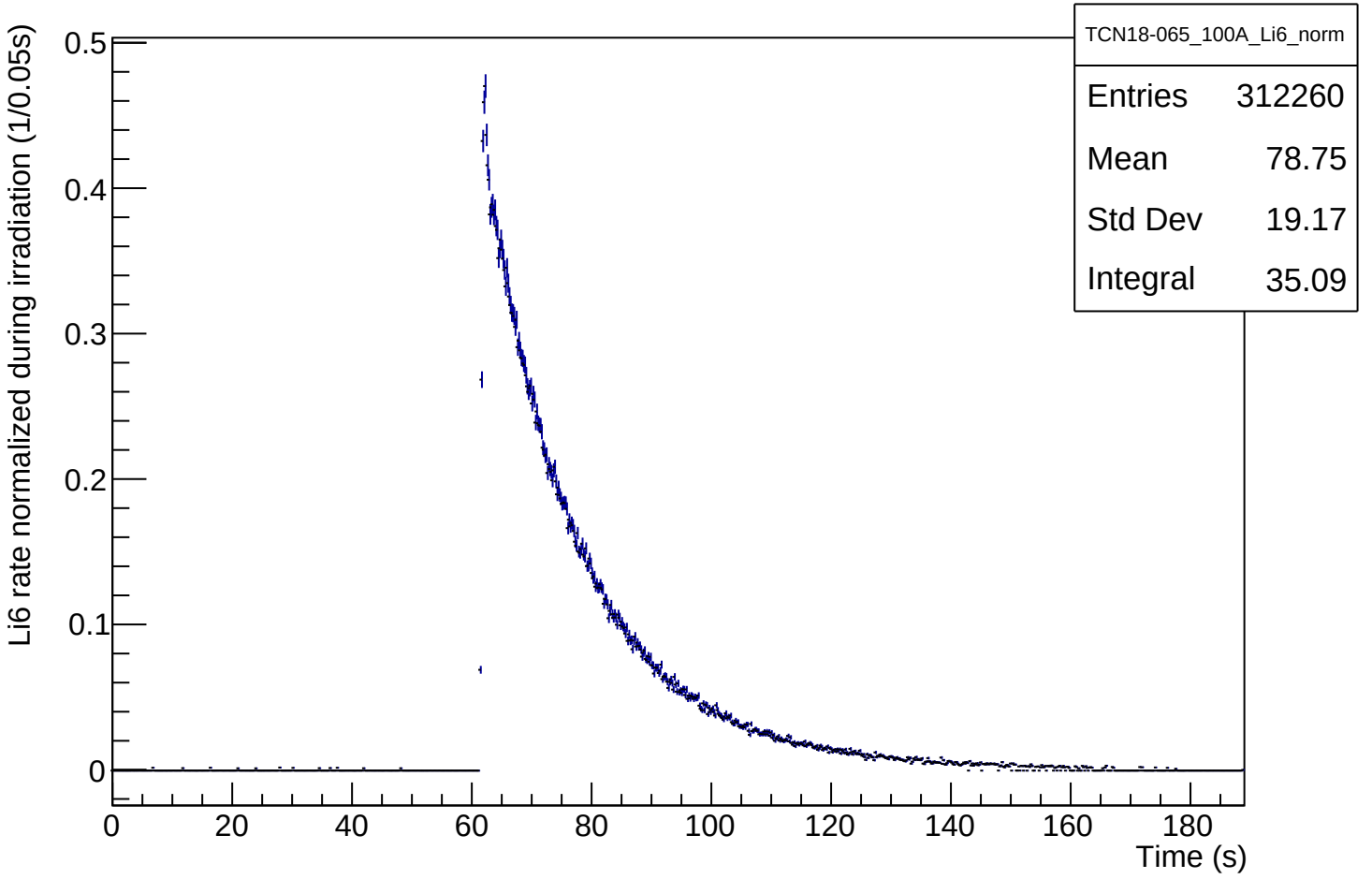

TCN18-065_100A, normalized during irradiation
χ² / ndf 17.51 / 11
Prob 0.09372
R̄ᵢ 16.14 ± 0.1625
UCN-count-to-monitor ratio
18
17.5
17
16.5
16
15.5
15
14.5
0
2
4
6
8
10
Cycle

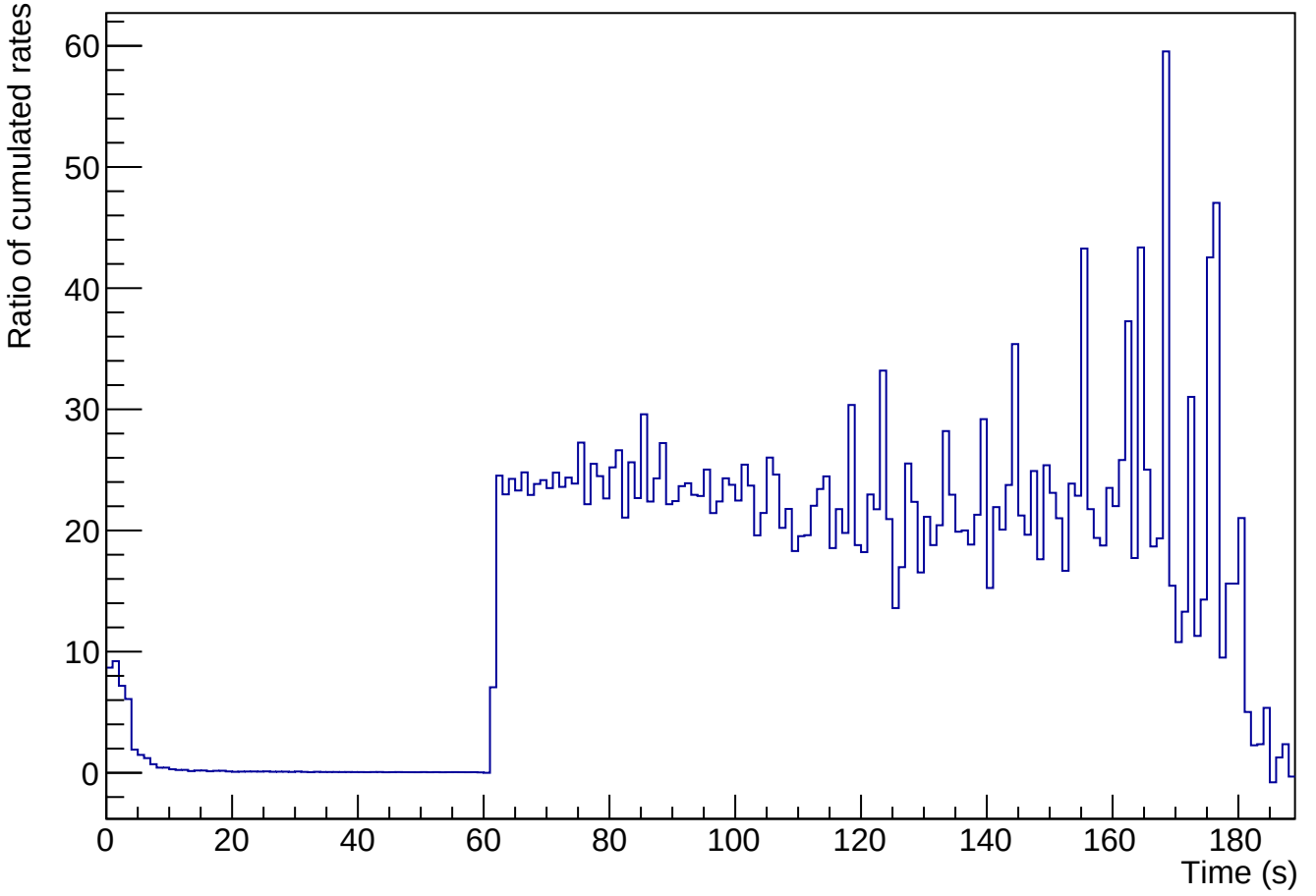

Graph
Vapor pressure (torr)
0.16
0.15
0.14
0.13
0.12
0.11
0.1
0.09
Temperature (K)
1.03
1.02
1.01
1
0.99
0.98
0.97
0
2
4
6
8
10
Cycle

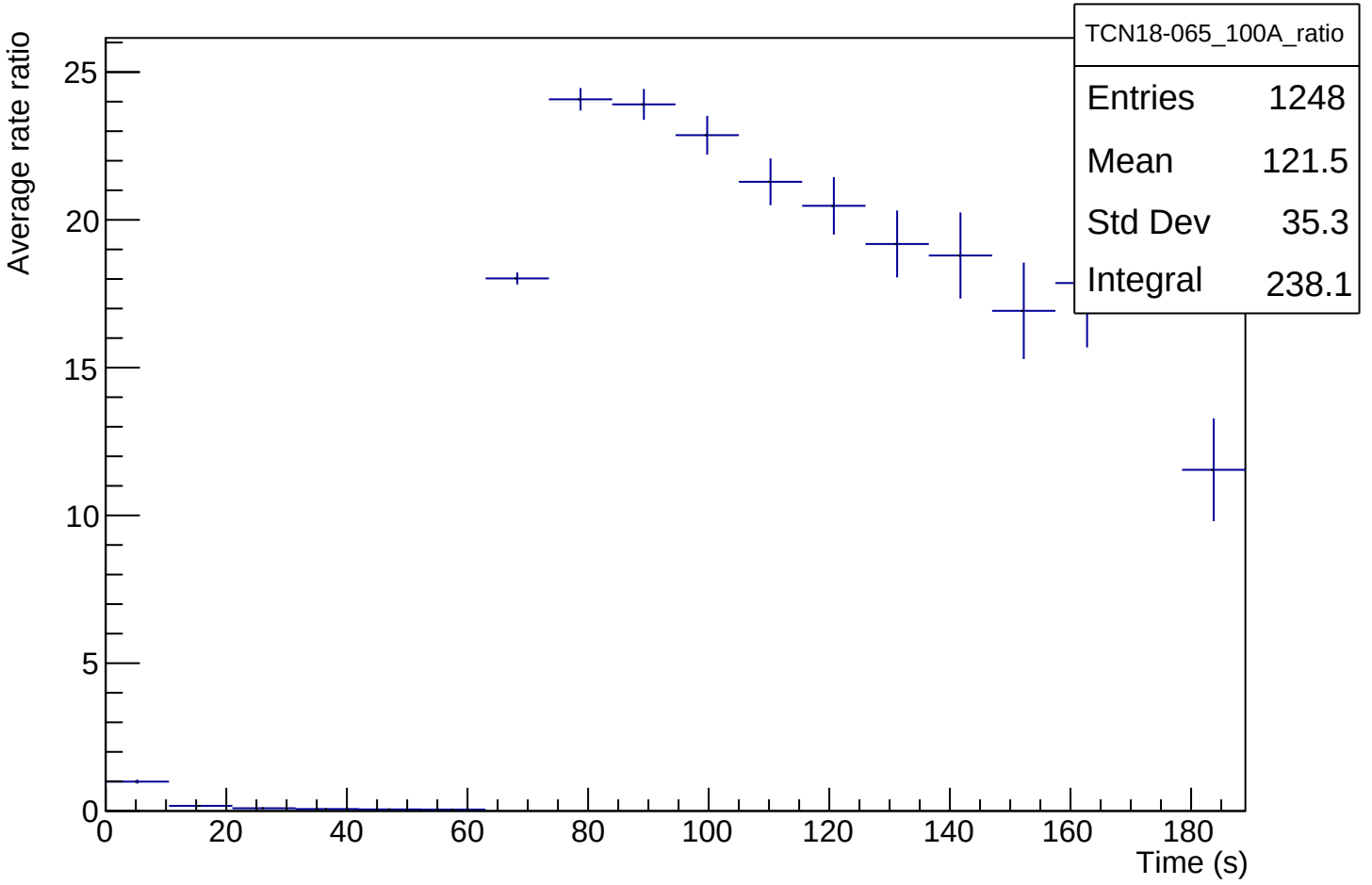

TCN18-065_100A_He3
Entries 59192
Mean 50.9
Std Dev 23.45
Integral 5.919e+04
χ² / ndf 68.53 / 57
Prob 0.1409
p0 765.7 ± 26.4
τd 9.708 ± 0.466
τ 41.37 ± 3.62
He3 rate (1/s)
Time (s)
0
200
400
600
800
1000
1200
0
20
40
60
80
100
120
140
160
180

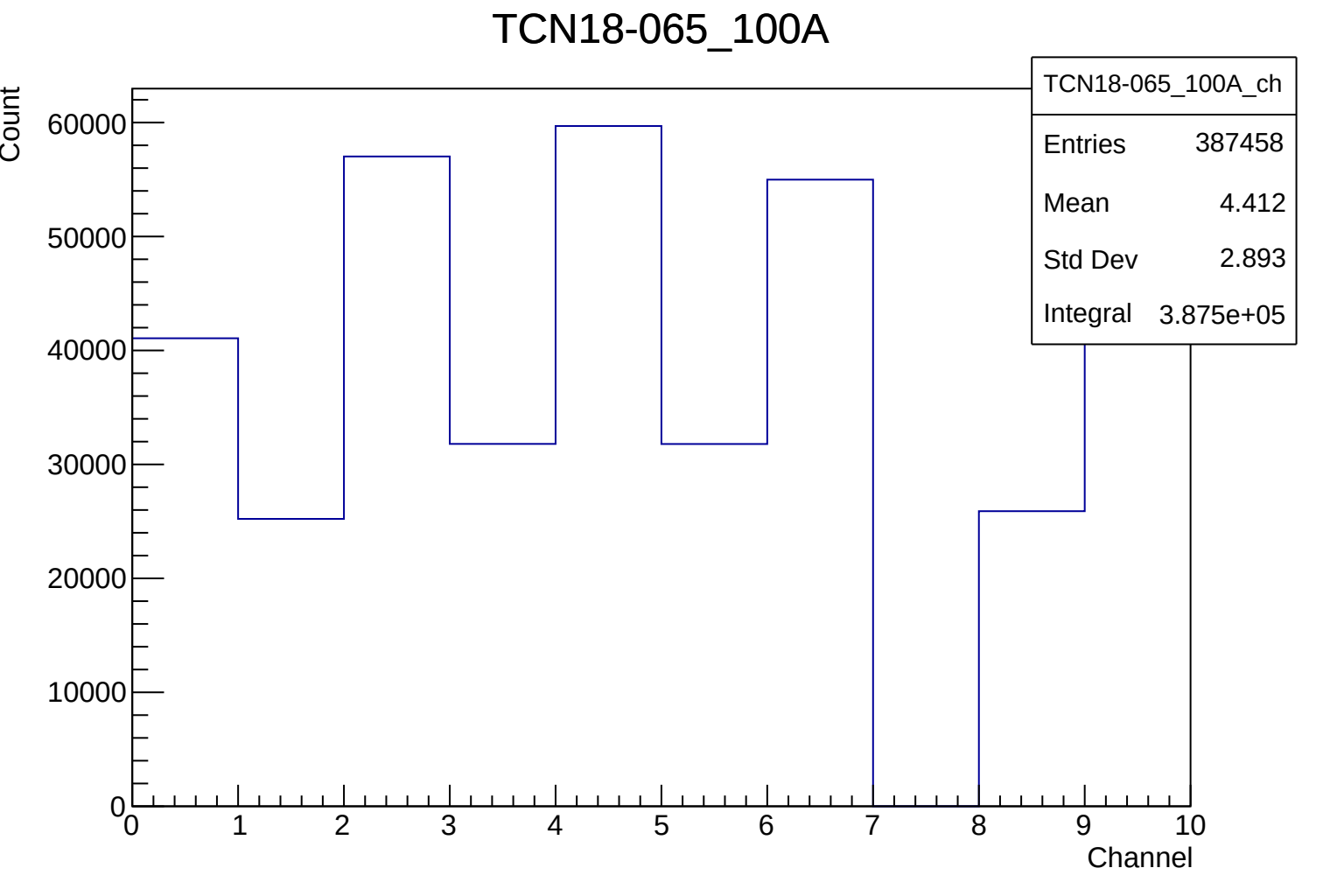

TCN18-065_100A_Li6
Entries 387458
Mean 78.96
Std Dev 20.09
Integral 3.874e+05
χ² / ndf 3270 / 2392
Prob 1.804e−30
t_d 1.417 ± 0.001
p_0 3894 ± 231.5
τ_rise 1.268 ± 0.065
τ_1 0.7509 ± 0.0146
N_2 0.2765 ± 0.0169
τ_2 14.22 ± 0.19
N_3 0.03045 ± 0.00352
τ_3 35.8 ± 1.5
Li6 rate (1/0.05s)
Time (s)
0
200
400
600
800
1000
1200
0
20
40
60
80
100
120
140
160
180

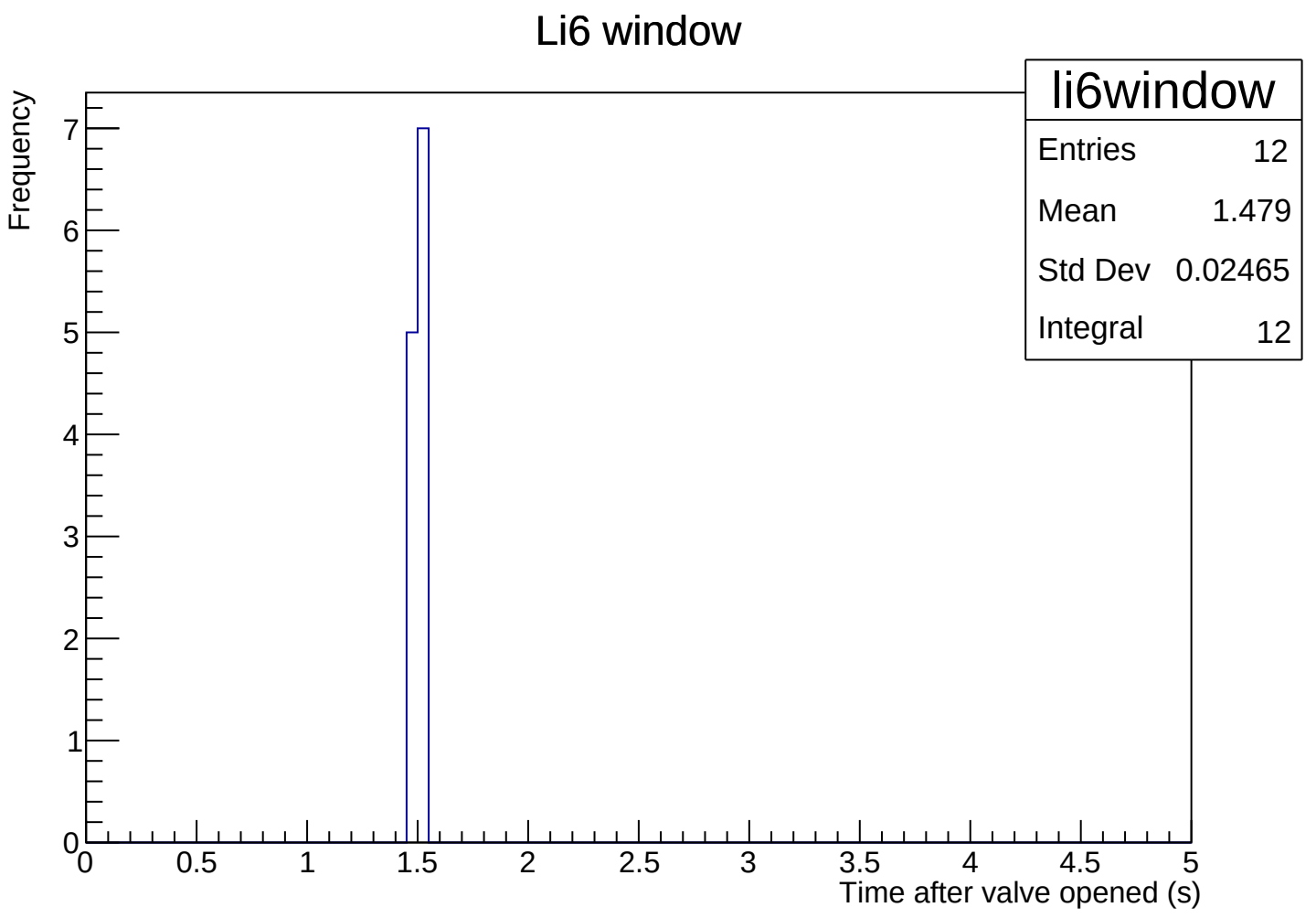

TCN18-065_100A_Li6_norm
Entries 336650
Mean 78.76
Std Dev 19.17
Integral 20.44
Li6 rate normalized during counting (1/0.05s)
0.25
0.2
0.15
0.1
0.05
0
0
20
40
60
80
100
120
140
160
180
Time (s)


TCN18-065_100A_Li6_norm
Entries 312260
Mean 78.75
Std Dev 19.17
Integral 35.09
Li6 rate normalized during irradiation (1/0.05s)
0.5
0.4
0.3
0.2
0.1
0
0
20
40
60
80
100
120
140
160
180
Time (s)


Ratio of cumulated rates
60
50
40
30
20
10
0
0
20
40
60
80
100
120
140
160
180
Time (s)


TCN18-065_100A_ratio
Entries 1248
Mean 121.5
Std Dev 35.3
Integral 238.1
Average rate ratio
Time (s)
0
5
10
15
20
25
0
20
40
60
80
100
120
140
160
180


TCN18-065_100A
TCN18-065_100A_ch
Entries 387458
Mean 4.412
Std Dev 2.893
Integral 3.875e+05
Count
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 1.479
Std Dev 0.02465
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)