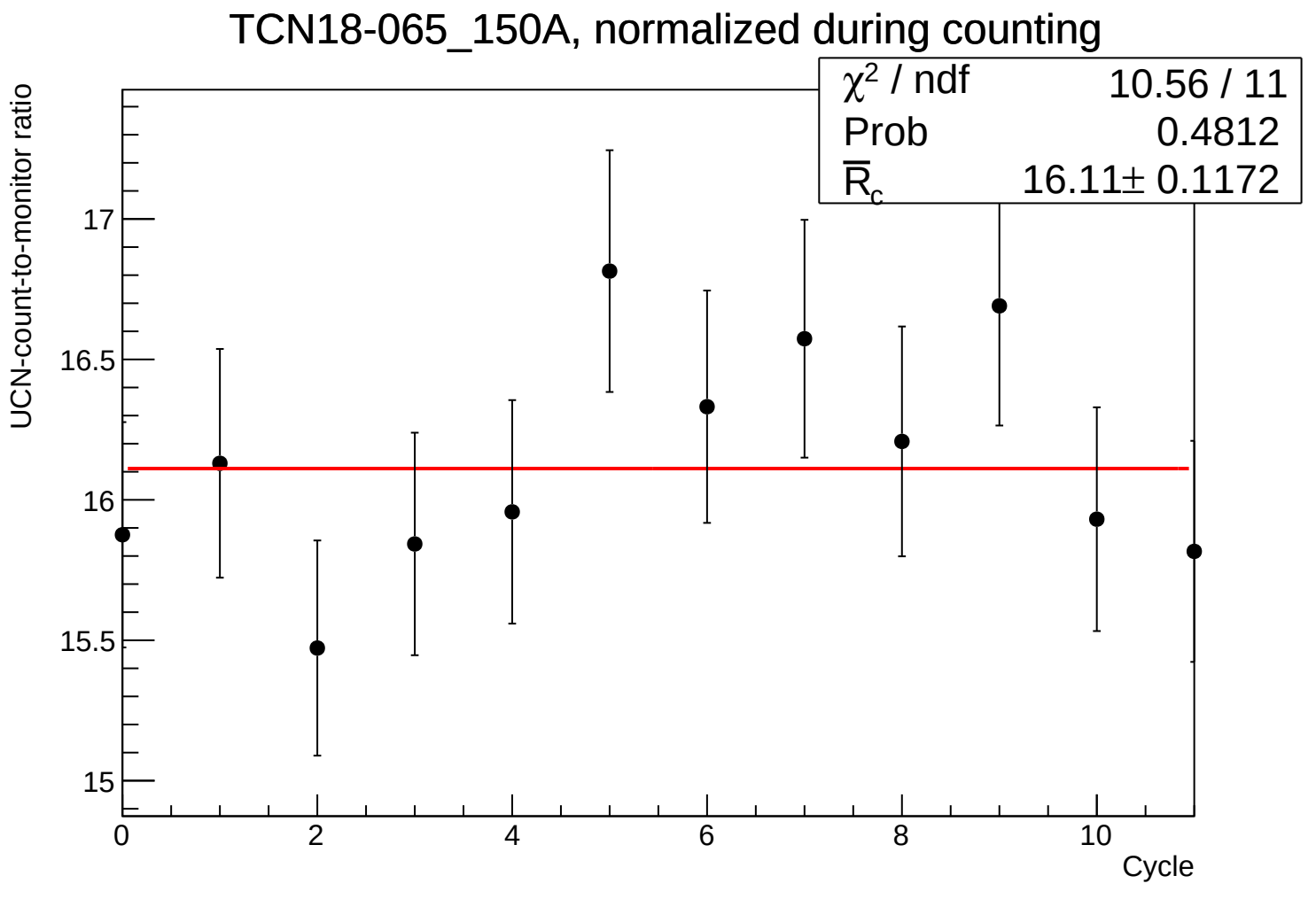
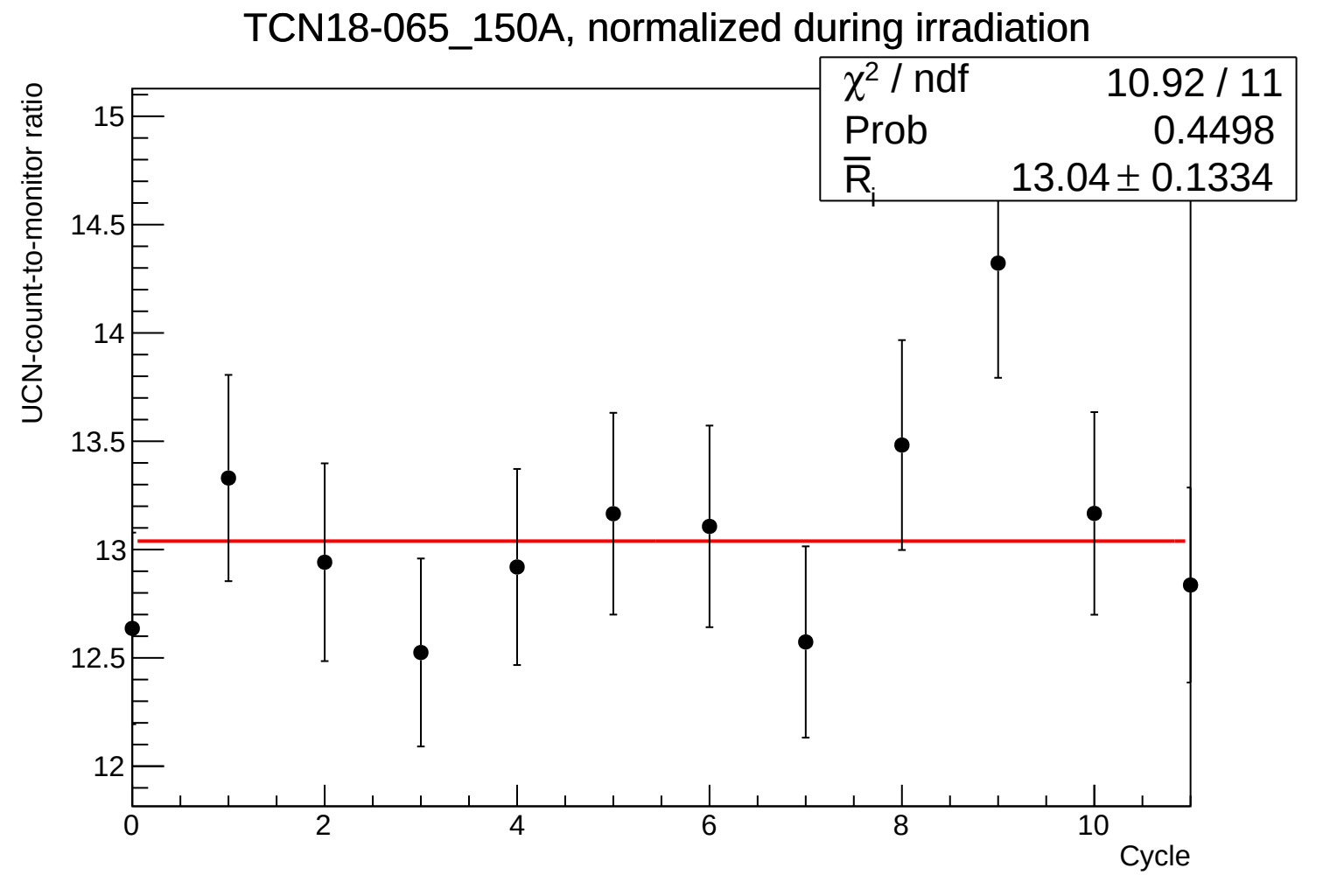
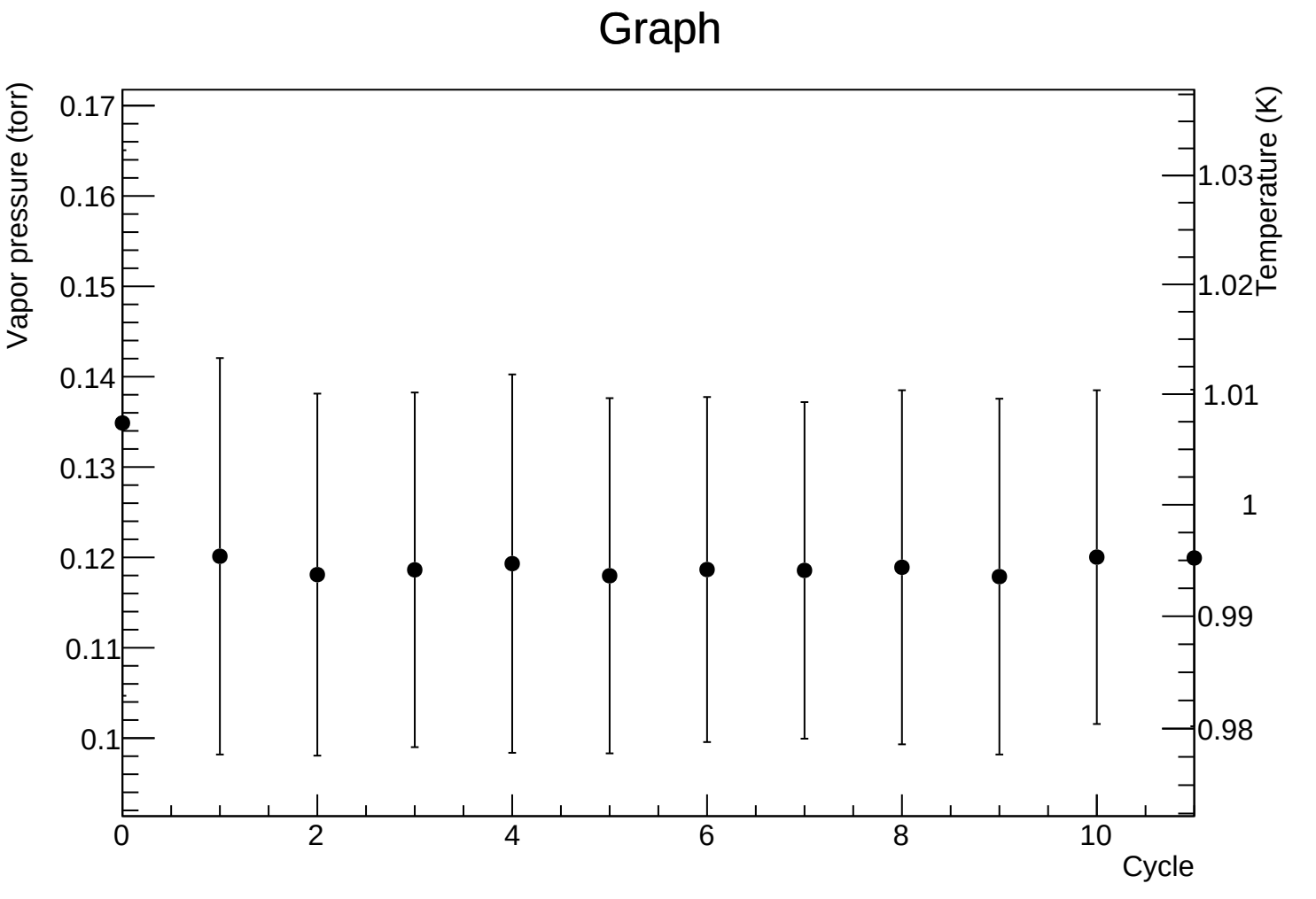
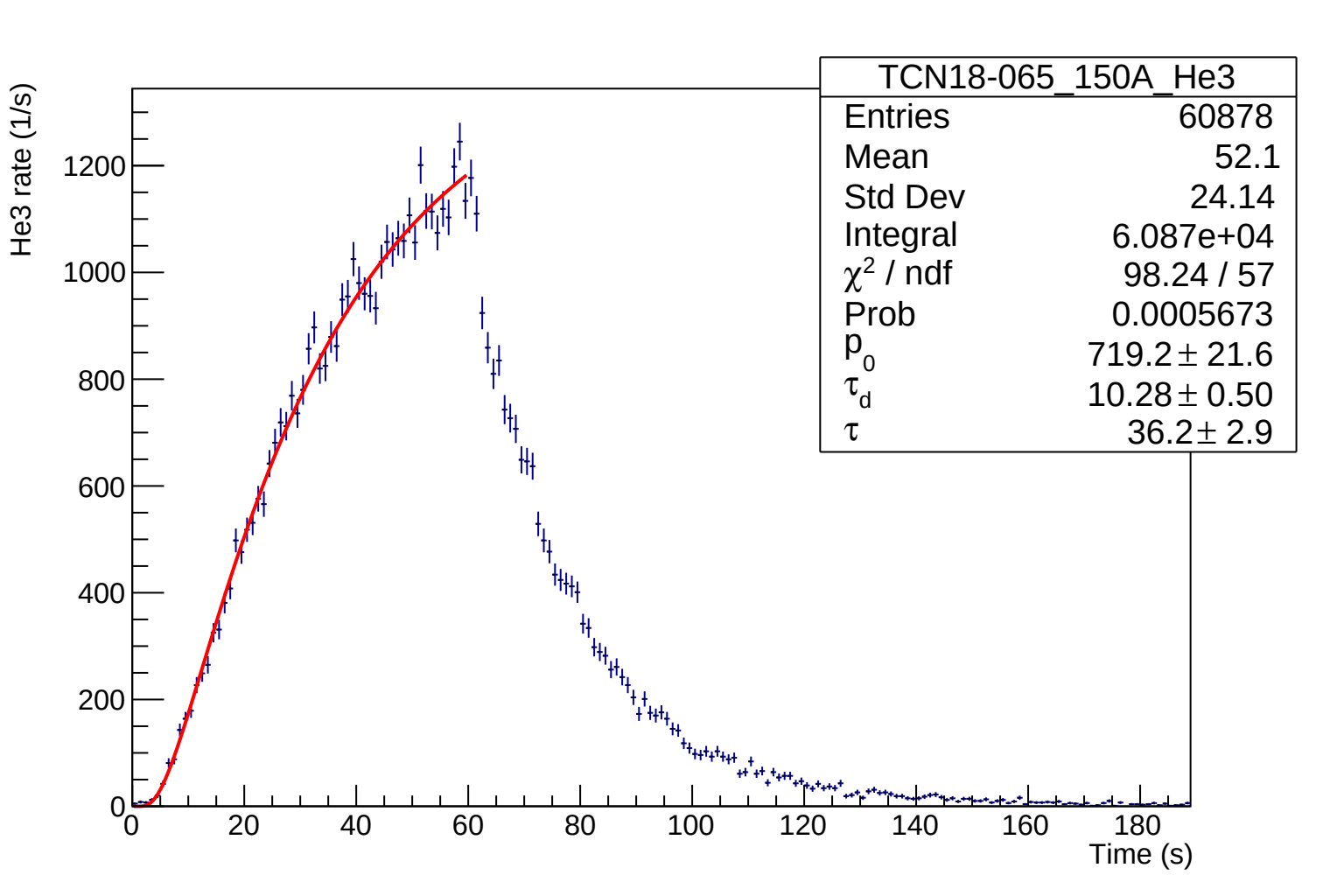
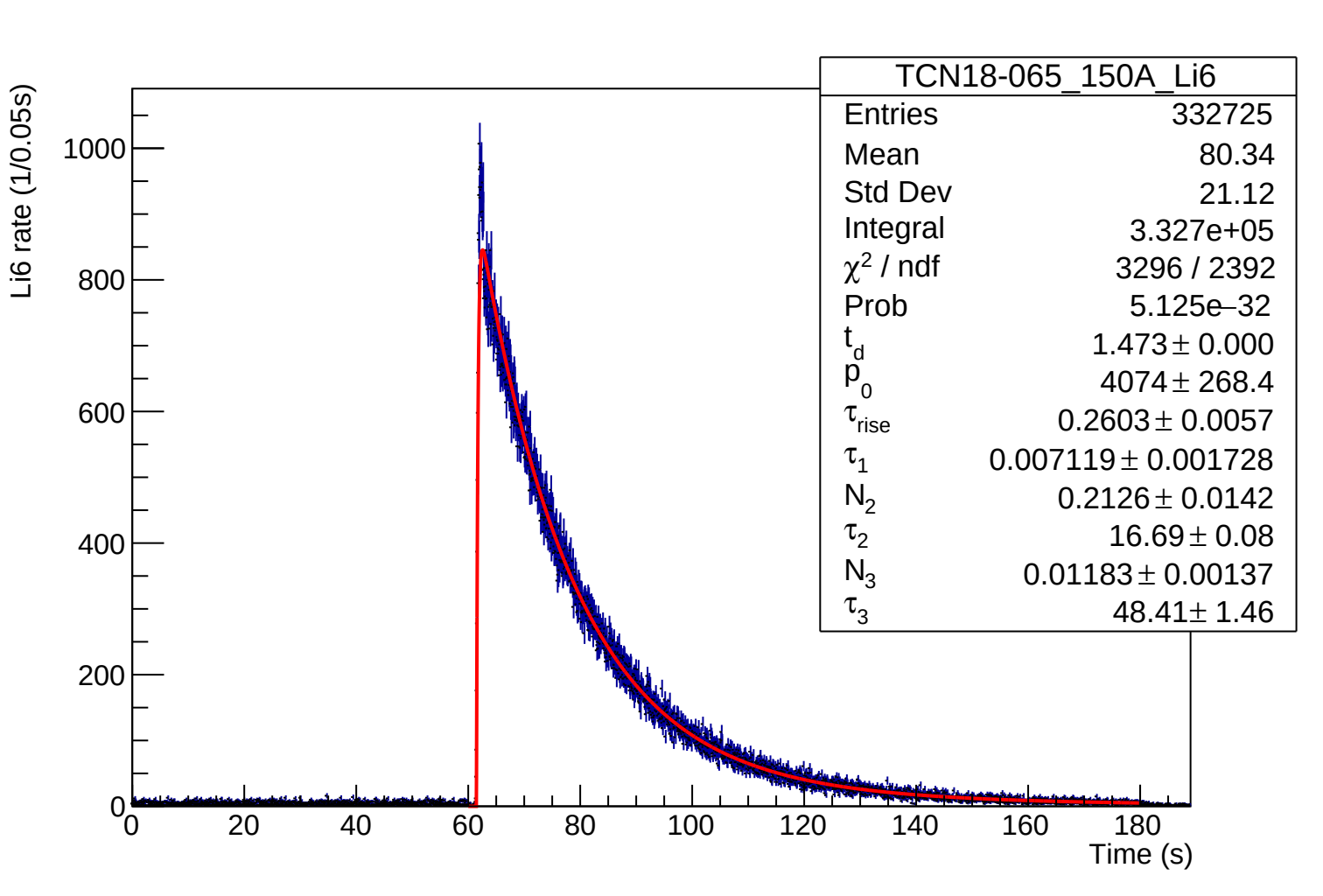
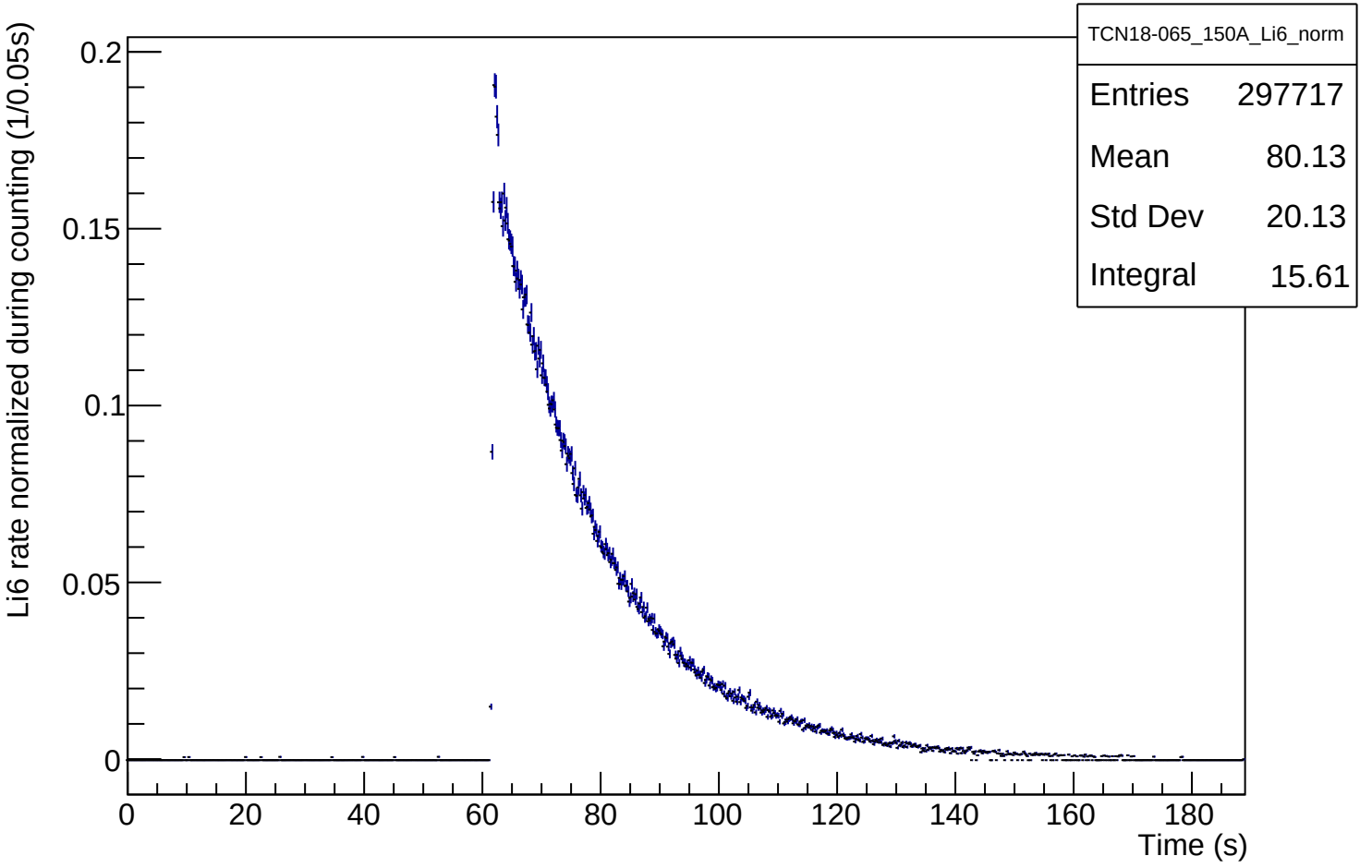

TCN18-065_150A, normalized during counting
χ^2 / ndf 10.56 / 11
Prob 0.4812
$\overline{R}_c$ 16.11± 0.1172
UCN-count-to-monitor ratio
17
16.5
16
15.5
15
0
2
4
6
8
10
Cycle

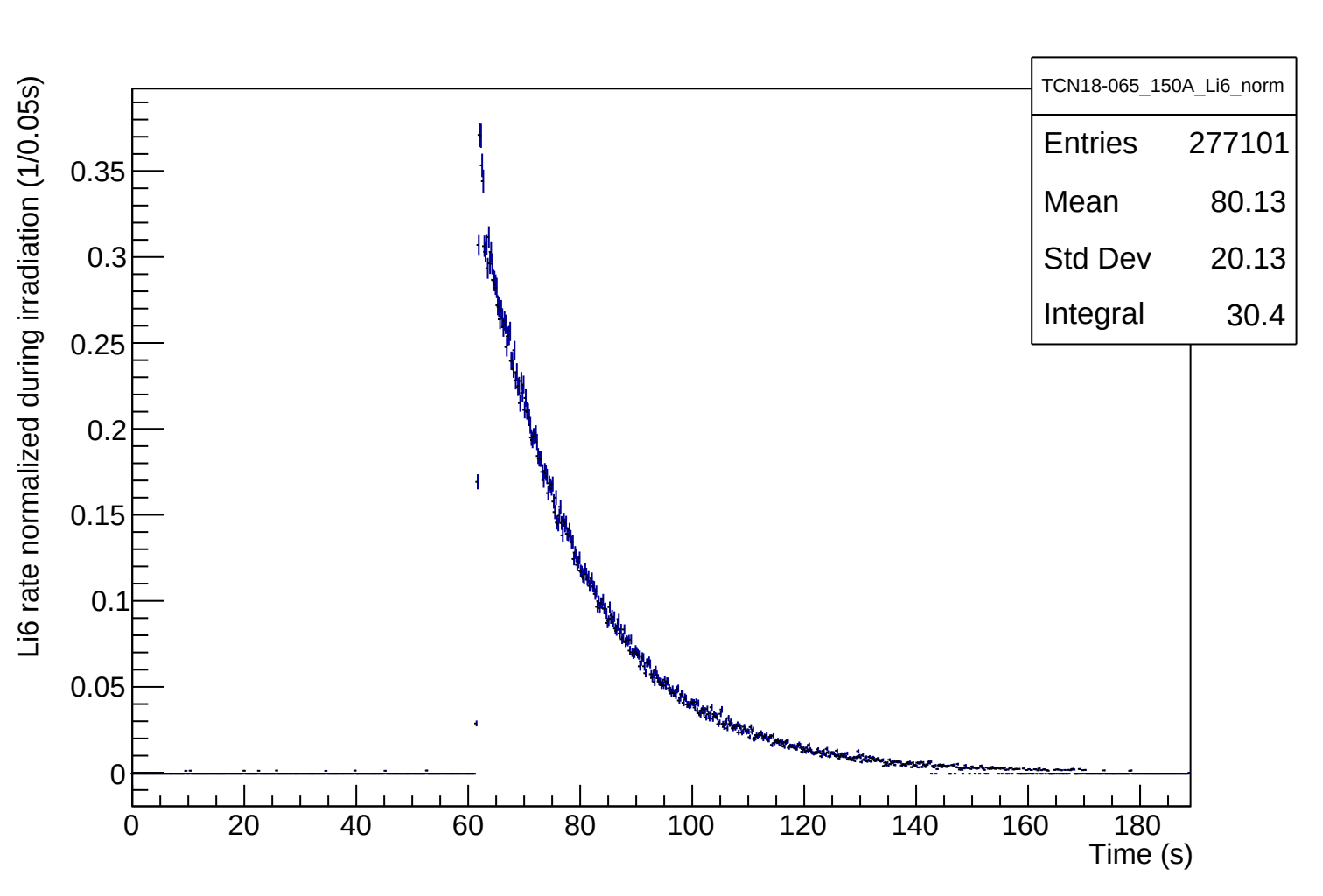

TCN18-065_150A, normalized during irradiation
χ^2 / ndf 10.92 / 11
Prob 0.4498
$\overline{R}_i$ 13.04 ± 0.1334
UCN-count-to-monitor ratio
15
14.5
14
13.5
13
12.5
12
0
2
4
6
8
10
Cycle

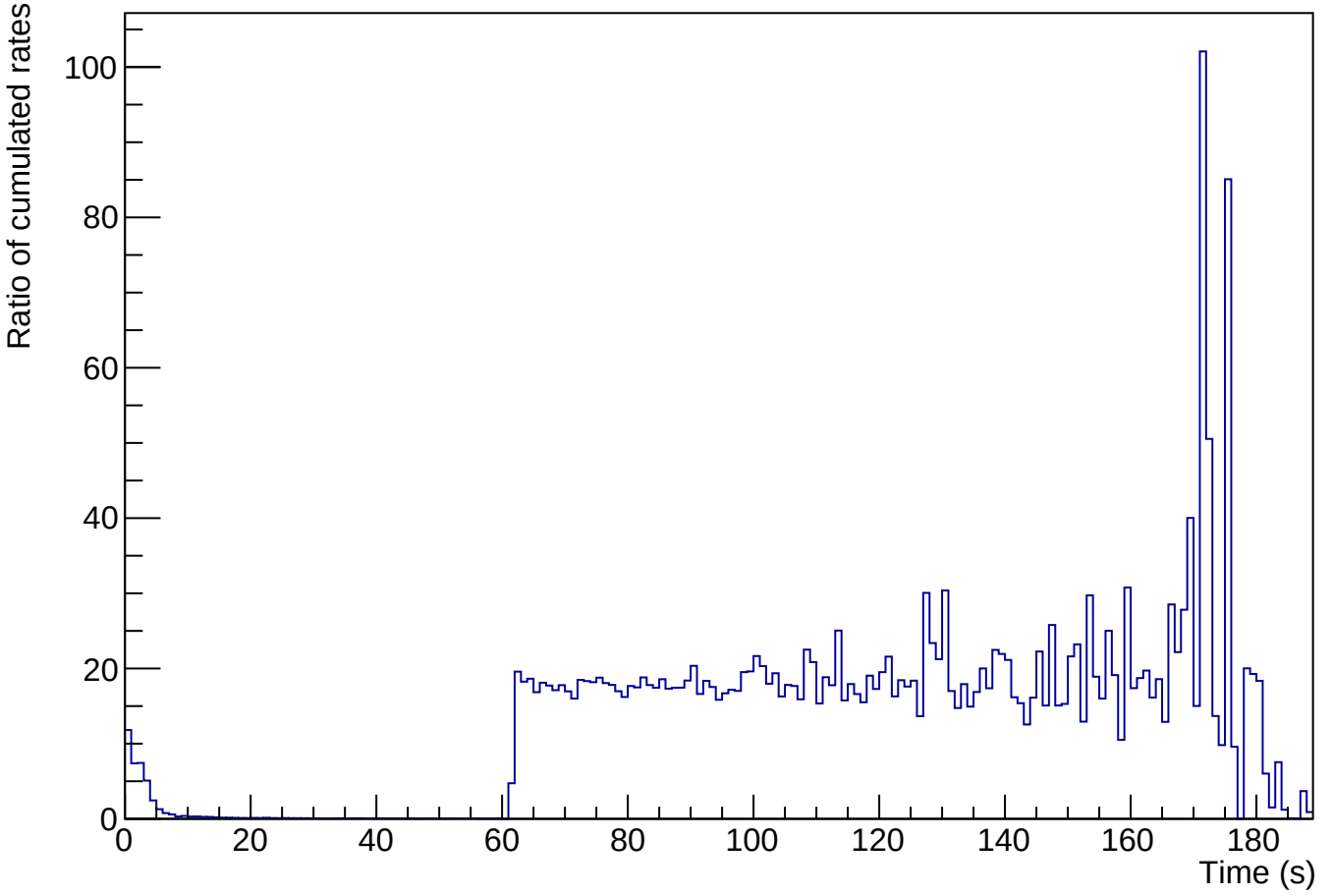

Graph
Vapor pressure (torr)
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.1
Temperature (K)
1.03
1.02
1.01
1
0.99
0.98
0
2
4
6
8
10
Cycle

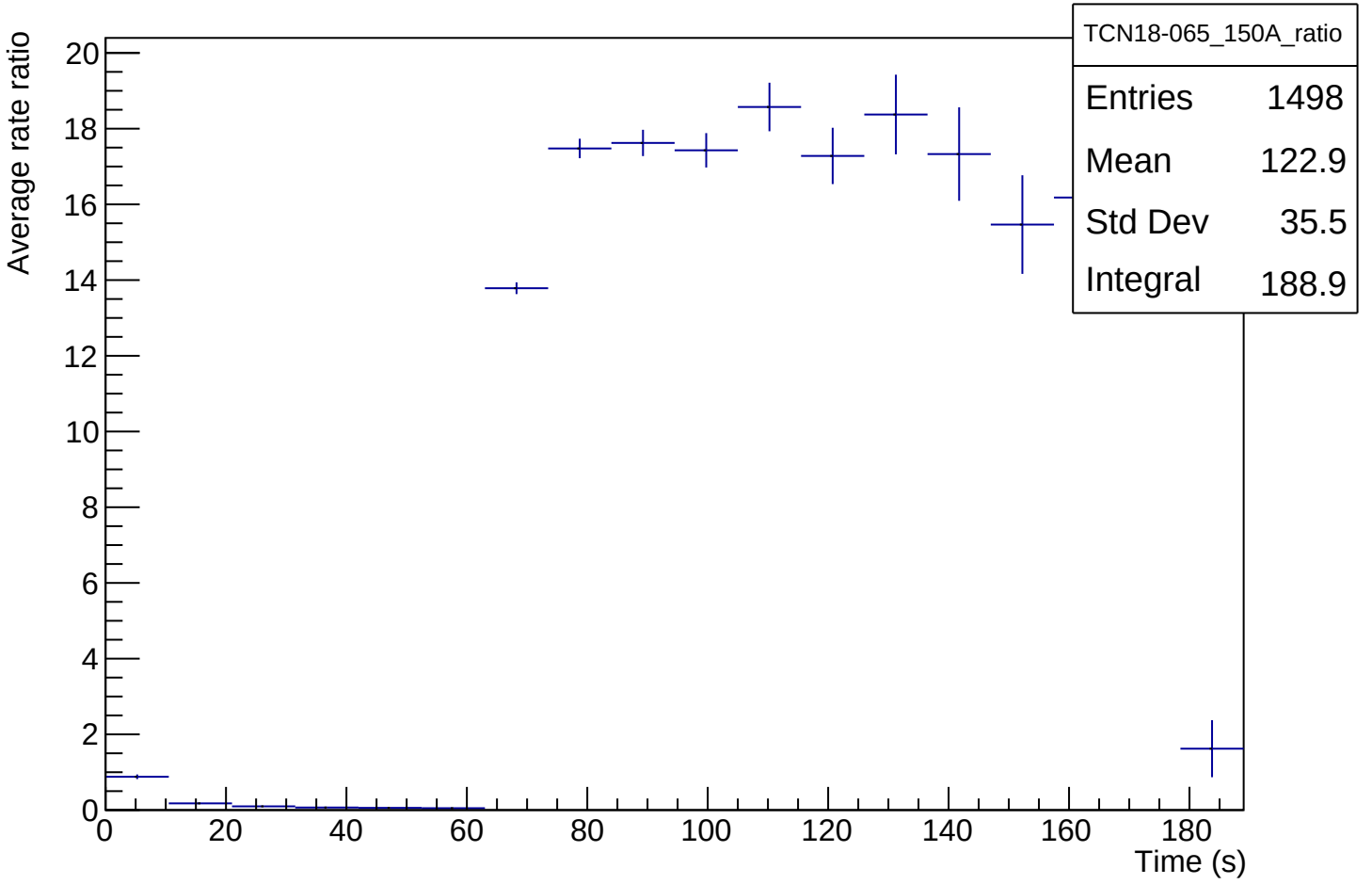

TCN18-065_150A_He3
Entries 60878
Mean 52.1
Std Dev 24.14
Integral 6.087e+04
χ² / ndf 98.24 / 57
Prob 0.0005673
p0 719.2 ± 21.6
τd 10.28 ± 0.50
τ 36.2 ± 2.9
He3 rate (1/s)
Time (s)
0
200
400
600
800
1000
1200
0
20
40
60
80
100
120
140
160
180

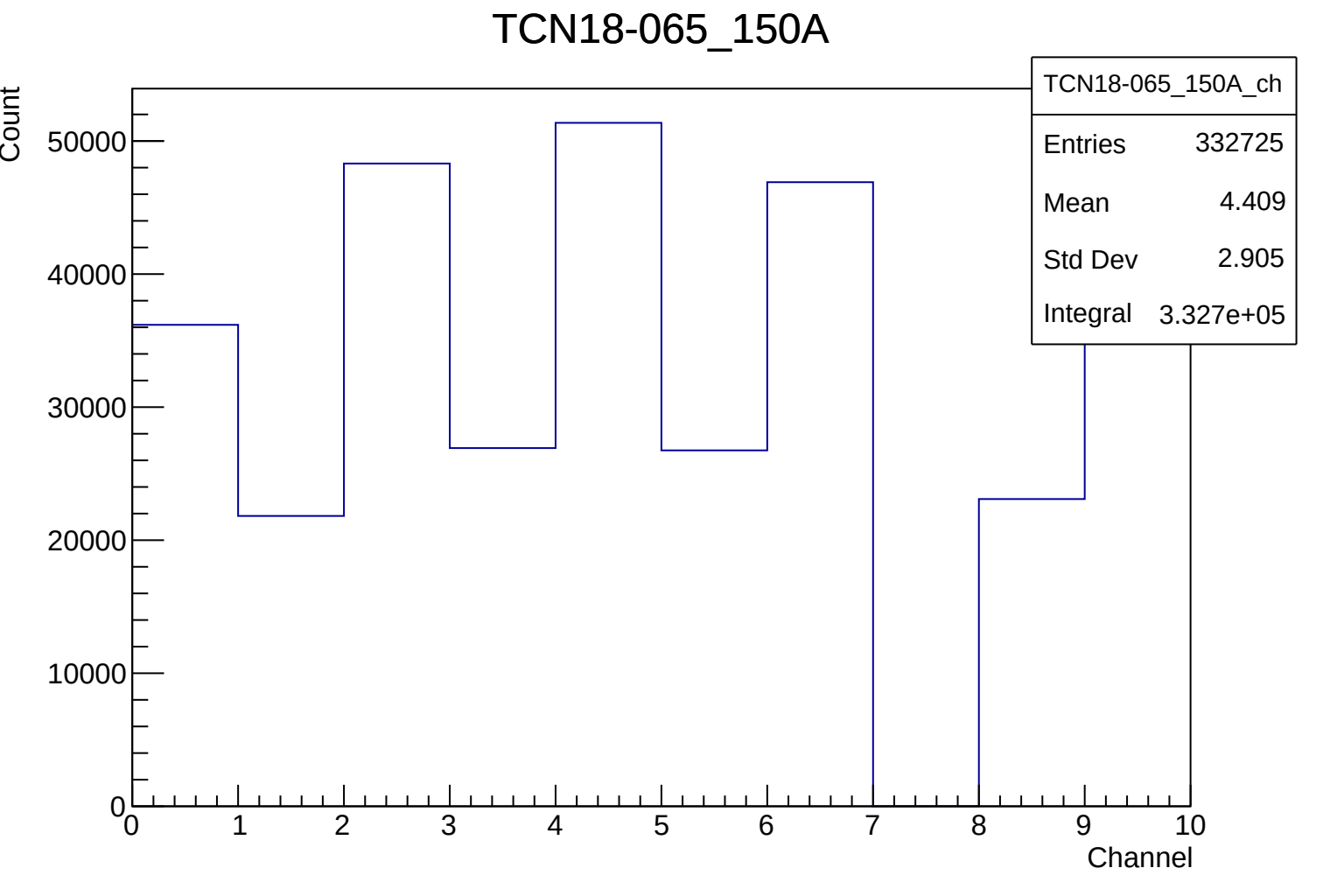

TCN18-065_150A_Li6
Entries 332725
Mean 80.34
Std Dev 21.12
Integral 3.327e+05
χ² / ndf 3296 / 2392
Prob 5.125e−32
t_d 1.473 ± 0.000
p_0 4074 ± 268.4
τ_rise 0.2603 ± 0.0057
τ_1 0.007119 ± 0.001728
N_2 0.2126 ± 0.0142
τ_2 16.69 ± 0.08
N_3 0.01183 ± 0.00137
τ_3 48.41 ± 1.46
Li6 rate (1/0.05s)
0
200
400
600
800
1000
0
20
40
60
80
100
120
140
160
180
Time (s)

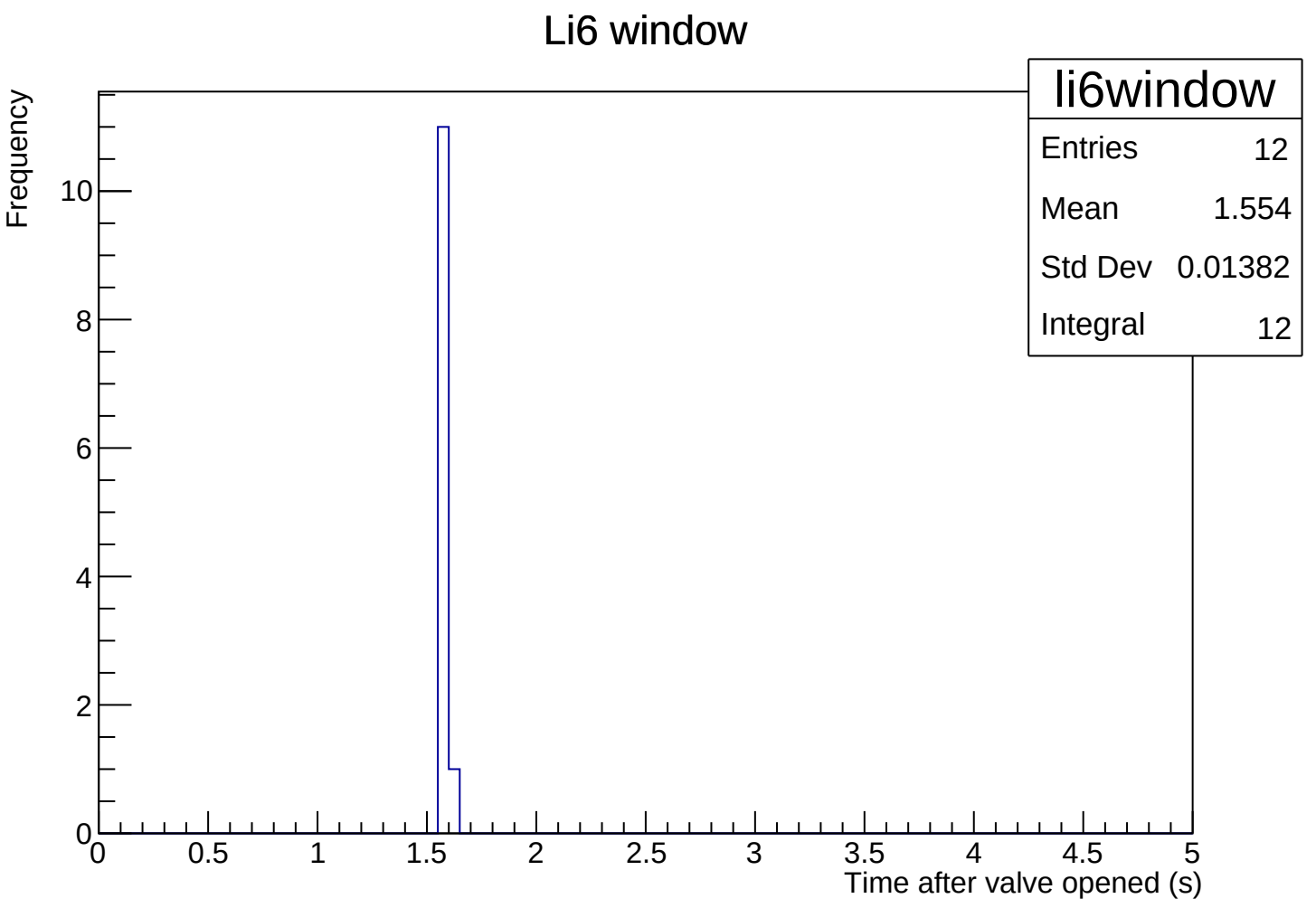

TCN18-065_150A_Li6_norm
Entries 297717
Mean 80.13
Std Dev 20.13
Integral 15.61
Li6 rate normalized during counting (1/0.05s)
0.2
0.15
0.1
0.05
0
0
20
40
60
80
100
120
140
160
180
Time (s)


TCN18-065_150A_Li6_norm
Entries 277101
Mean 80.13
Std Dev 20.13
Integral 30.4
Li6 rate normalized during irradiation (1/0.05s)
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)


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


TCN18-065_150A_ratio
Entries 1498
Mean 122.9
Std Dev 35.5
Integral 188.9
Average rate ratio
Time (s)
0
2
4
6
8
10
12
14
16
18
20
0
20
40
60
80
100
120
140
160
180


TCN18-065_150A
TCN18-065_150A_ch
Entries 332725
Mean 4.409
Std Dev 2.905
Integral 3.327e+05
Count
50000
40000
30000
20000
10000
0
0 1 2 3 4 5 6 7 8 9 10
Channel


Li6 window
li6window
Entries 12
Mean 1.554
Std Dev 0.01382
Integral 12
Frequency
0
2
4
6
8
10
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Time after valve opened (s)