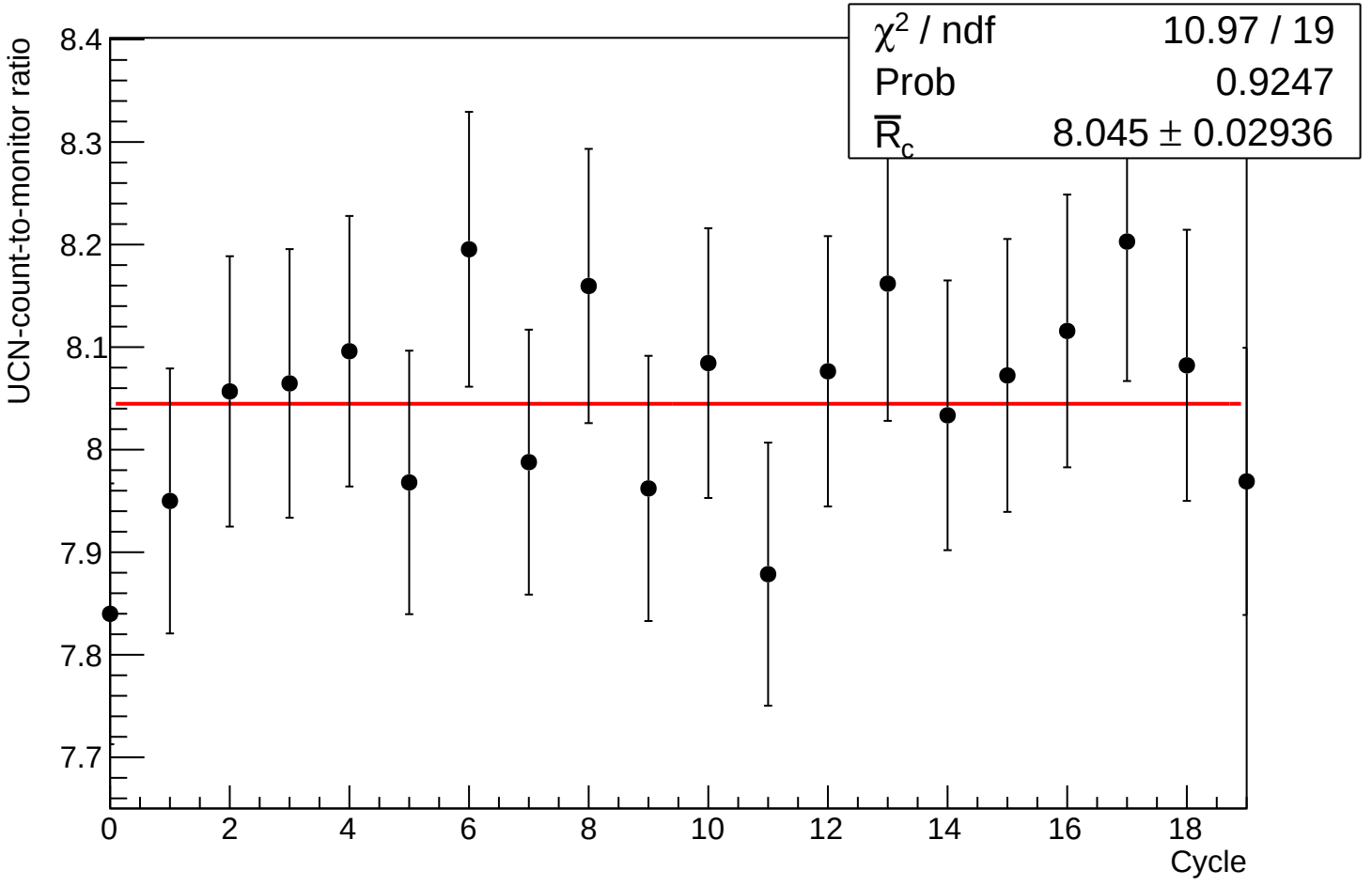
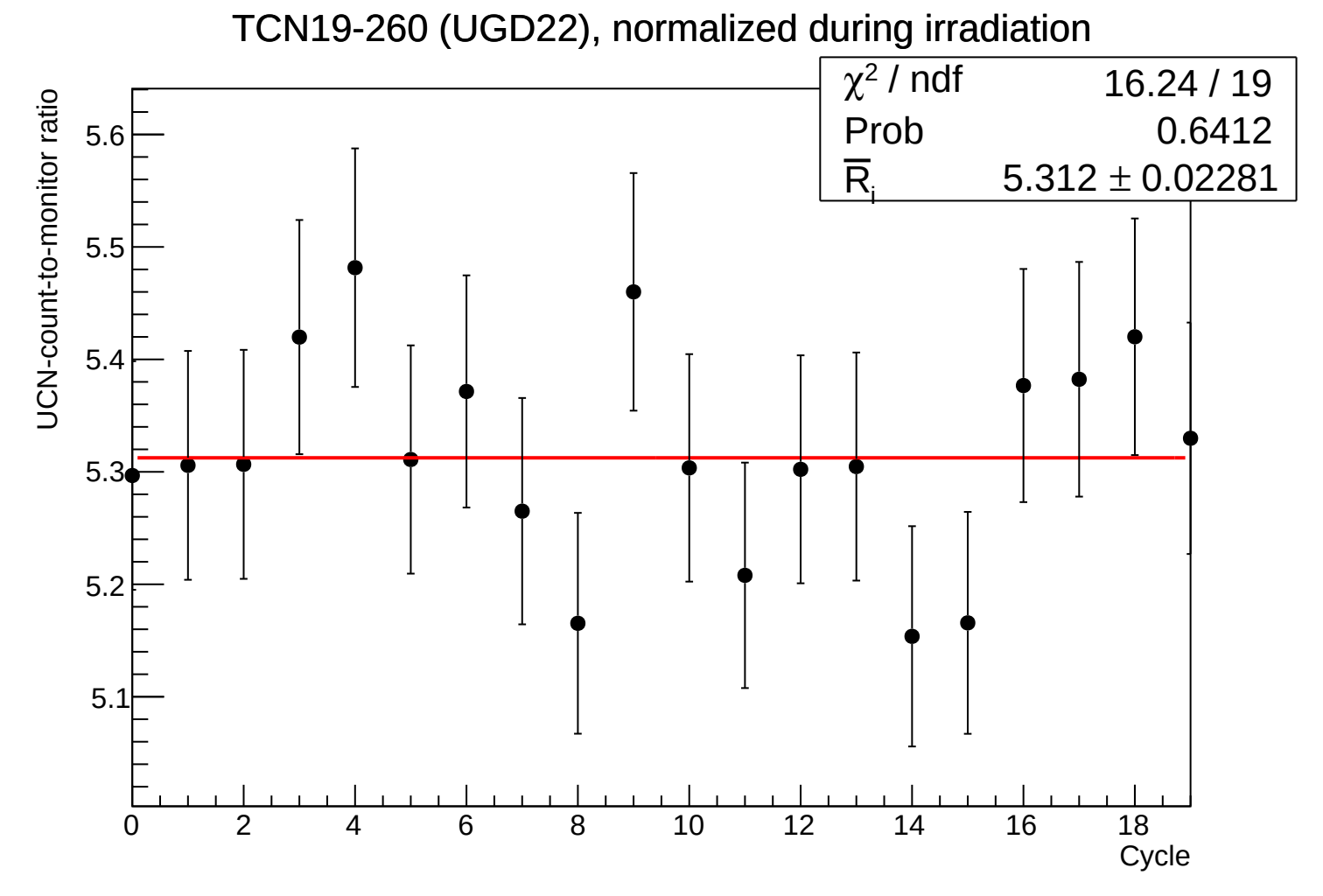
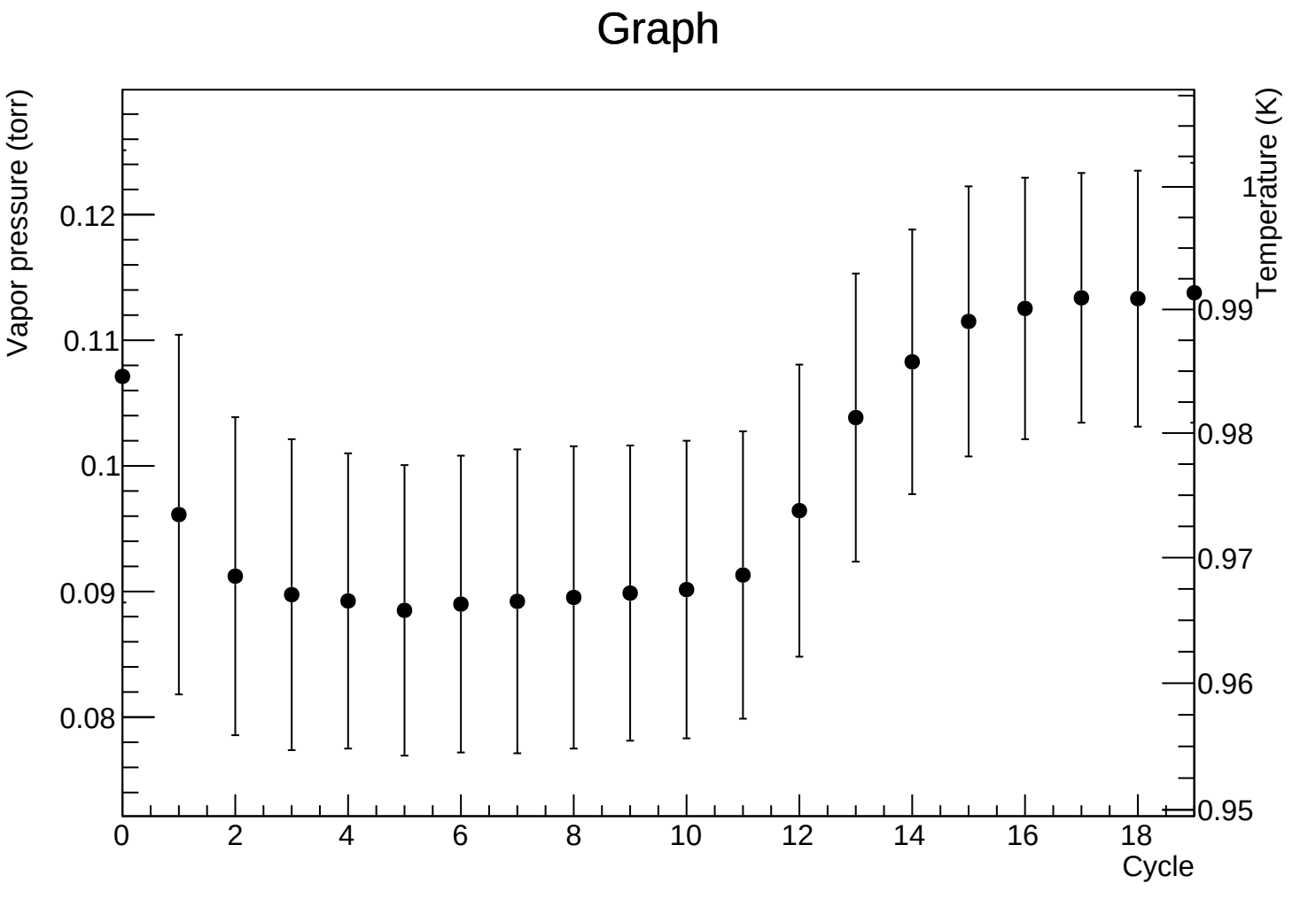
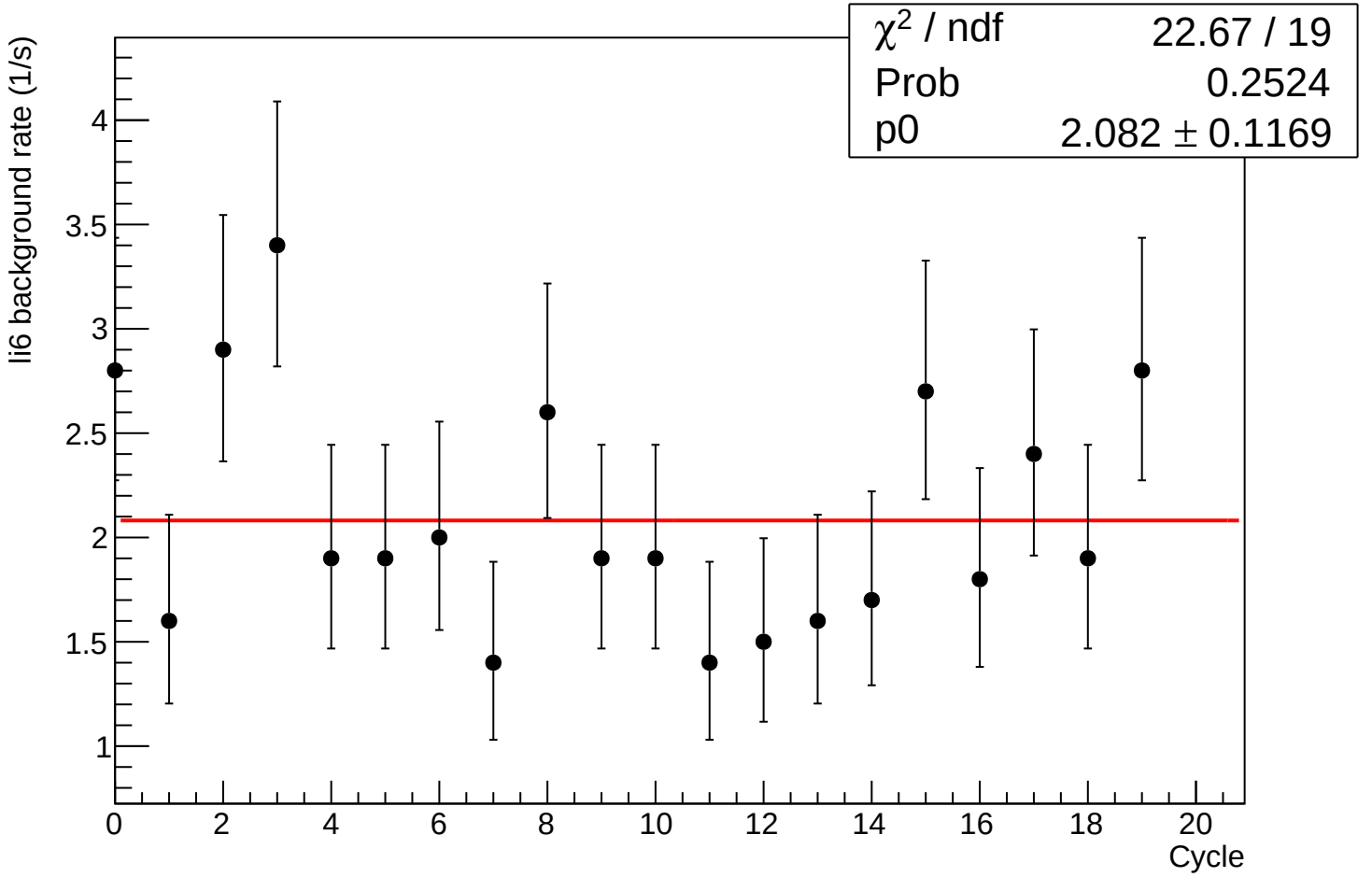
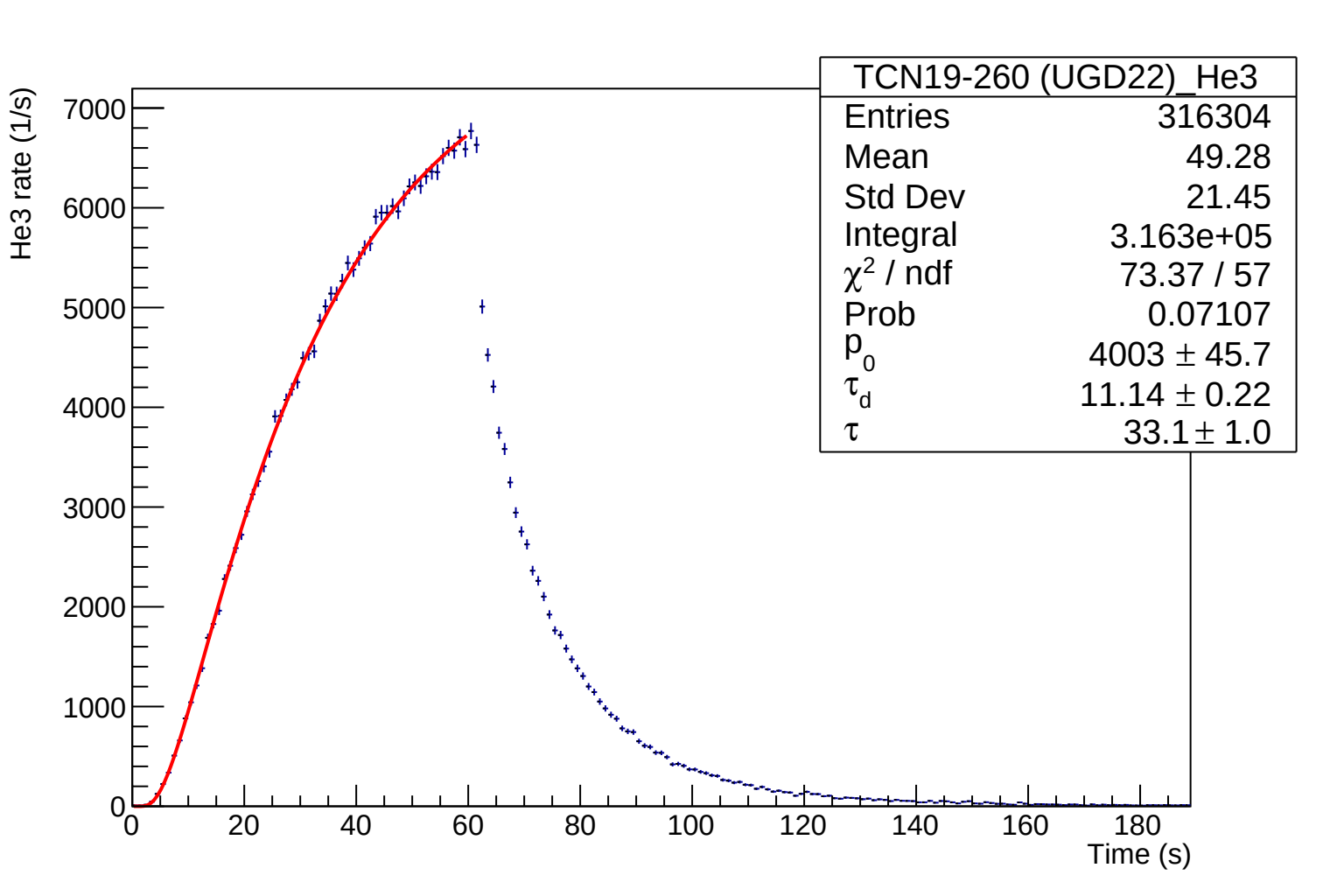
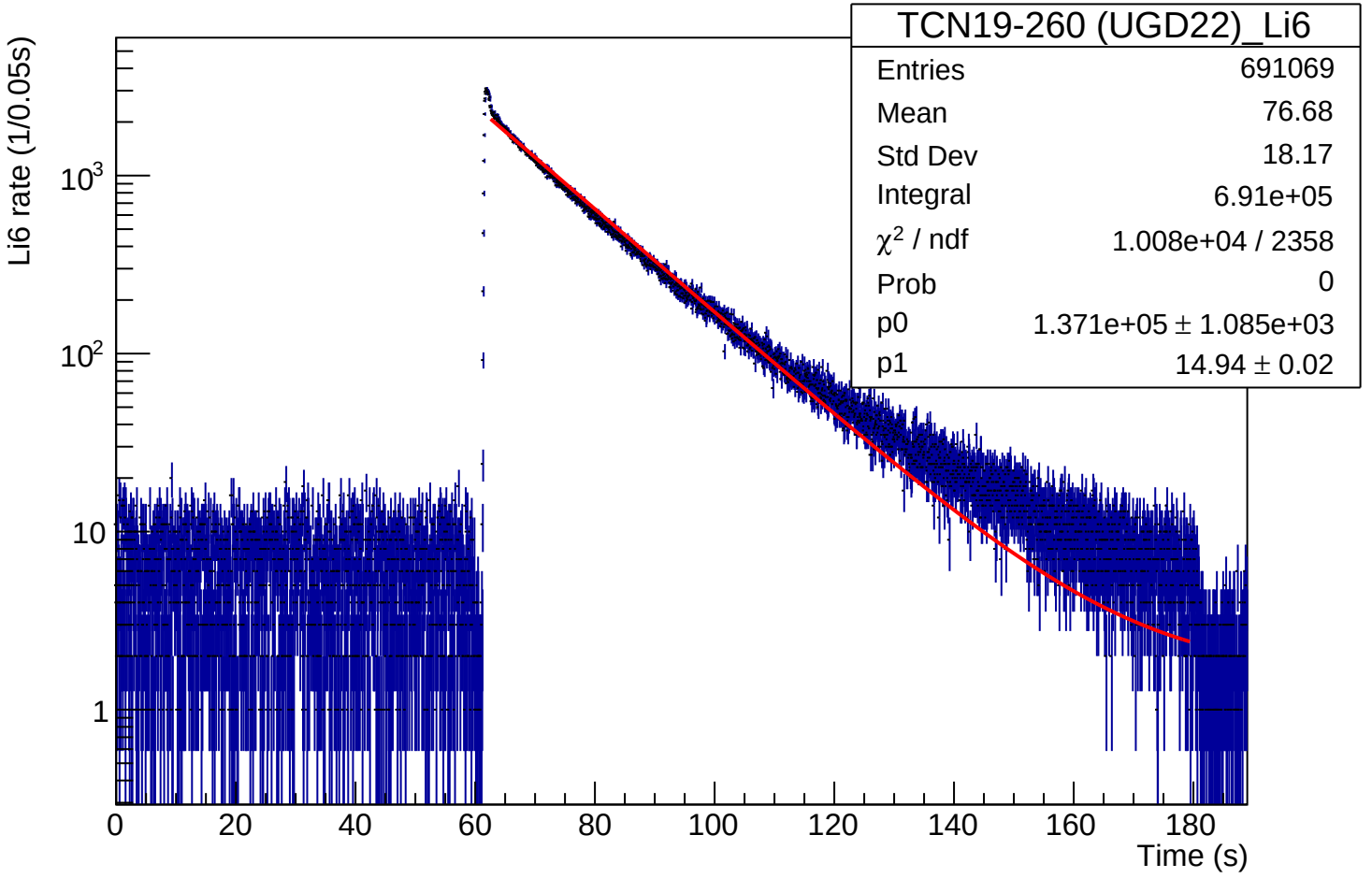

TCN19-260 (UGD22), normalized during counting
χ^2 / ndf 10.97 / 19
Prob 0.9247
$\overline{R}_c$ 8.045 ± 0.02936
UCN-count-to-monitor ratio
8.4
8.3
8.2
8.1
8
7.9
7.8
7.7
0
2
4
6
8
10
12
14
16
18
Cycle

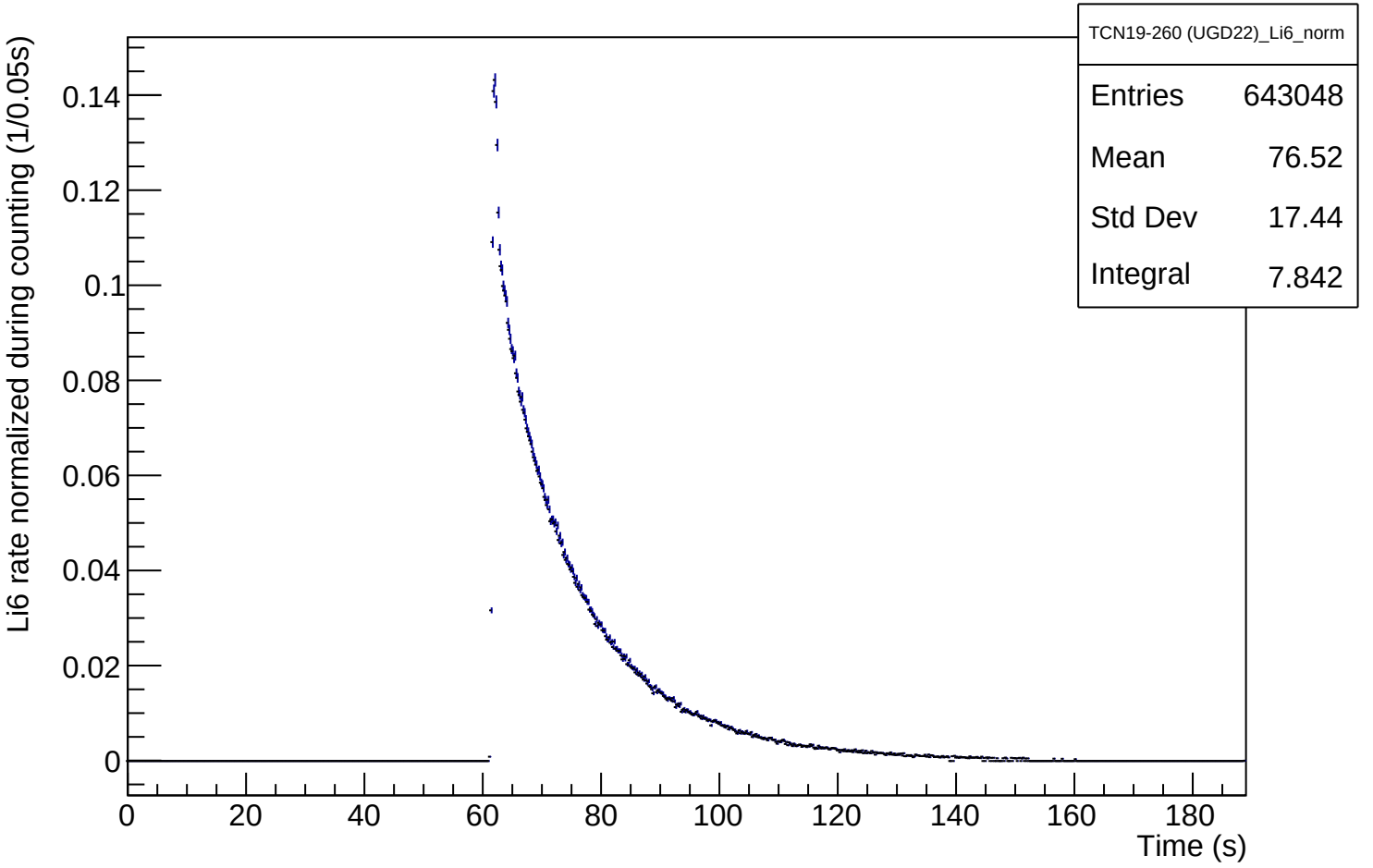

TCN19-260 (UGD22), normalized during irradiation
χ^2 / ndf 16.24 / 19
Prob 0.6412
$\overline{R}_i$ 5.312 ± 0.02281
UCN-count-to-monitor ratio
5.6
5.5
5.4
5.3
5.2
5.1
0
2
4
6
8
10
12
14
16
18
Cycle

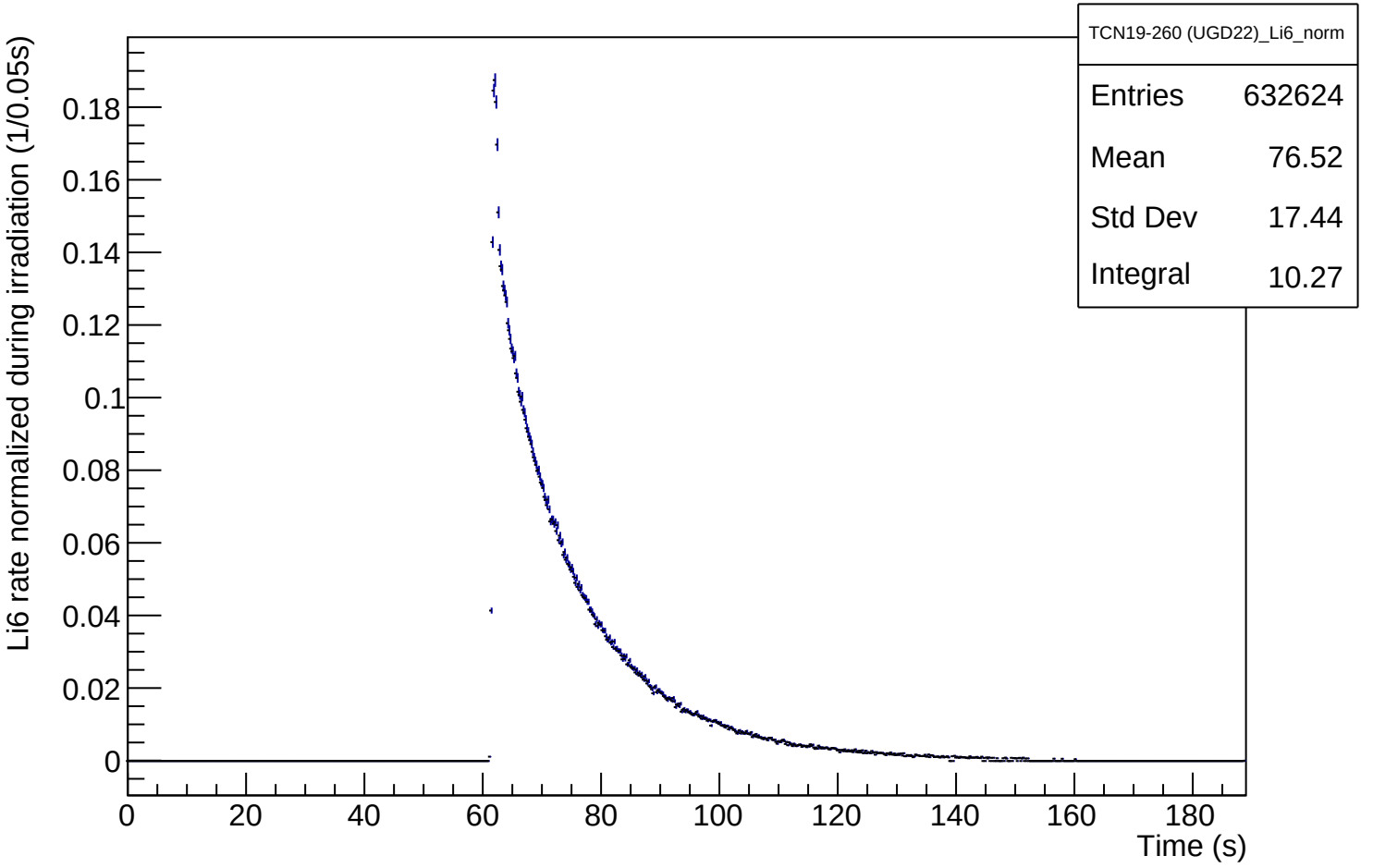

Graph
Vapor pressure (torr)
0.12
0.11
0.1
0.09
0.08
Temperature (K)
1
0.99
0.98
0.97
0.96
0.95
0
2
4
6
8
10
12
14
16
18
Cycle

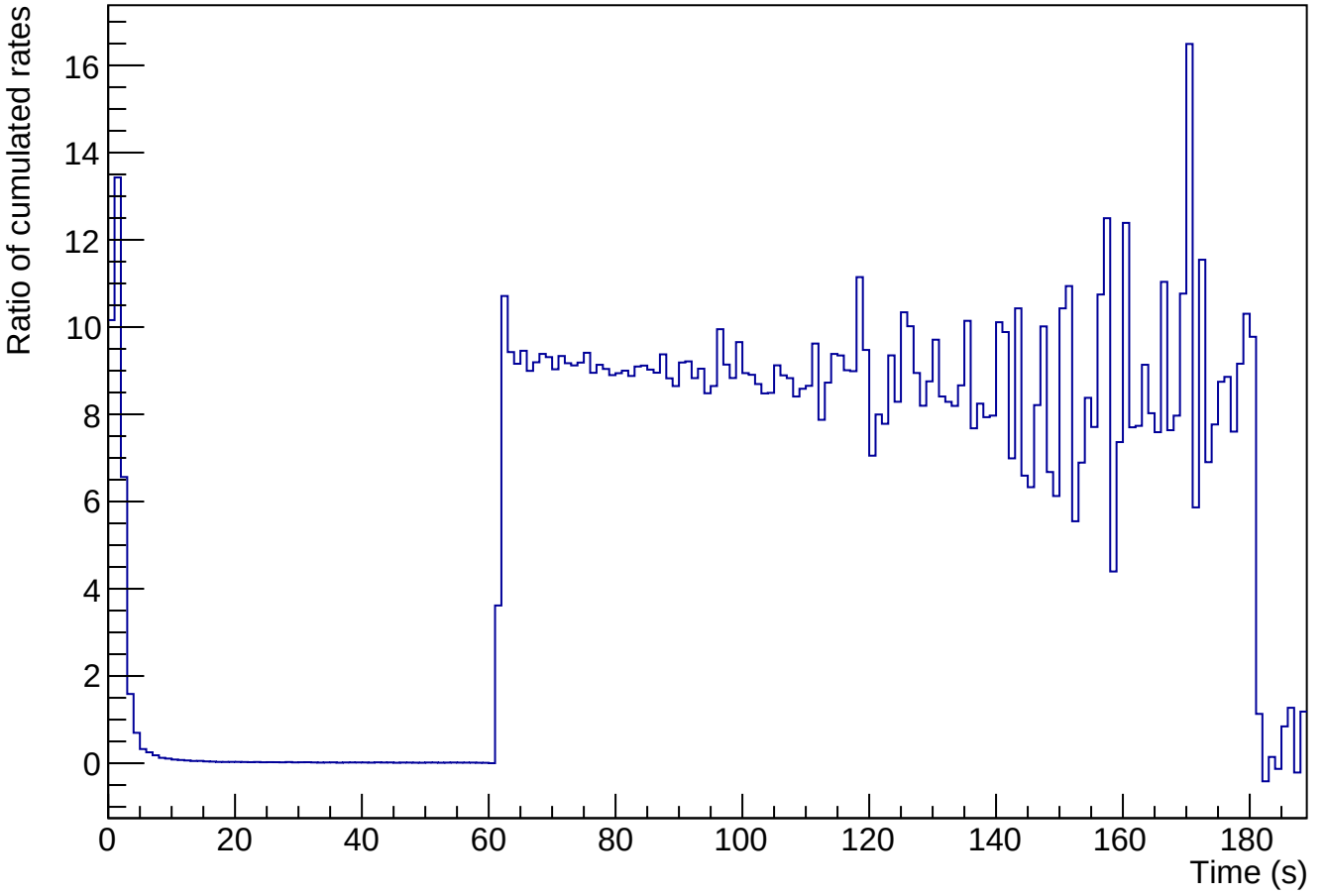

χ^2 / ndf 22.67 / 19
Prob 0.2524
p0 2.082 ± 0.1169
li6 background rate (1/s)
Cycle
0
2
4
6
8
10
12
14
16
18
20
1
1.5
2
2.5
3
3.5
4

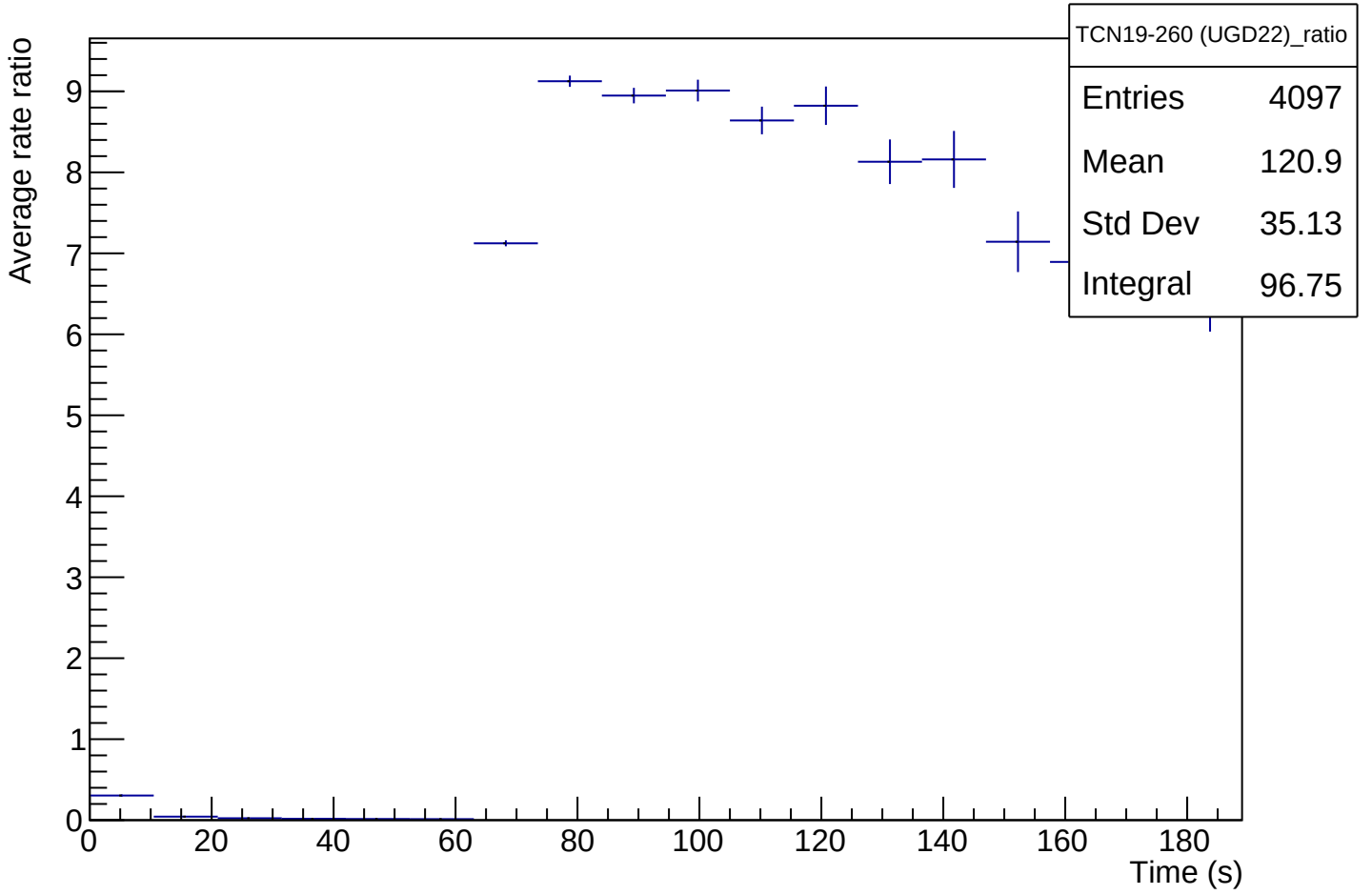

TCN19-260 (UGD22)_He3
Entries 316304
Mean 49.28
Std Dev 21.45
Integral 3.163e+05
χ² / ndf 73.37 / 57
Prob 0.07107
p0 4003 ± 45.7
τd 11.14 ± 0.22
τ 33.1 ± 1.0
He3 rate (1/s)
Time (s)
0
1000
2000
3000
4000
5000
6000
7000
0
20
40
60
80
100
120
140
160
180

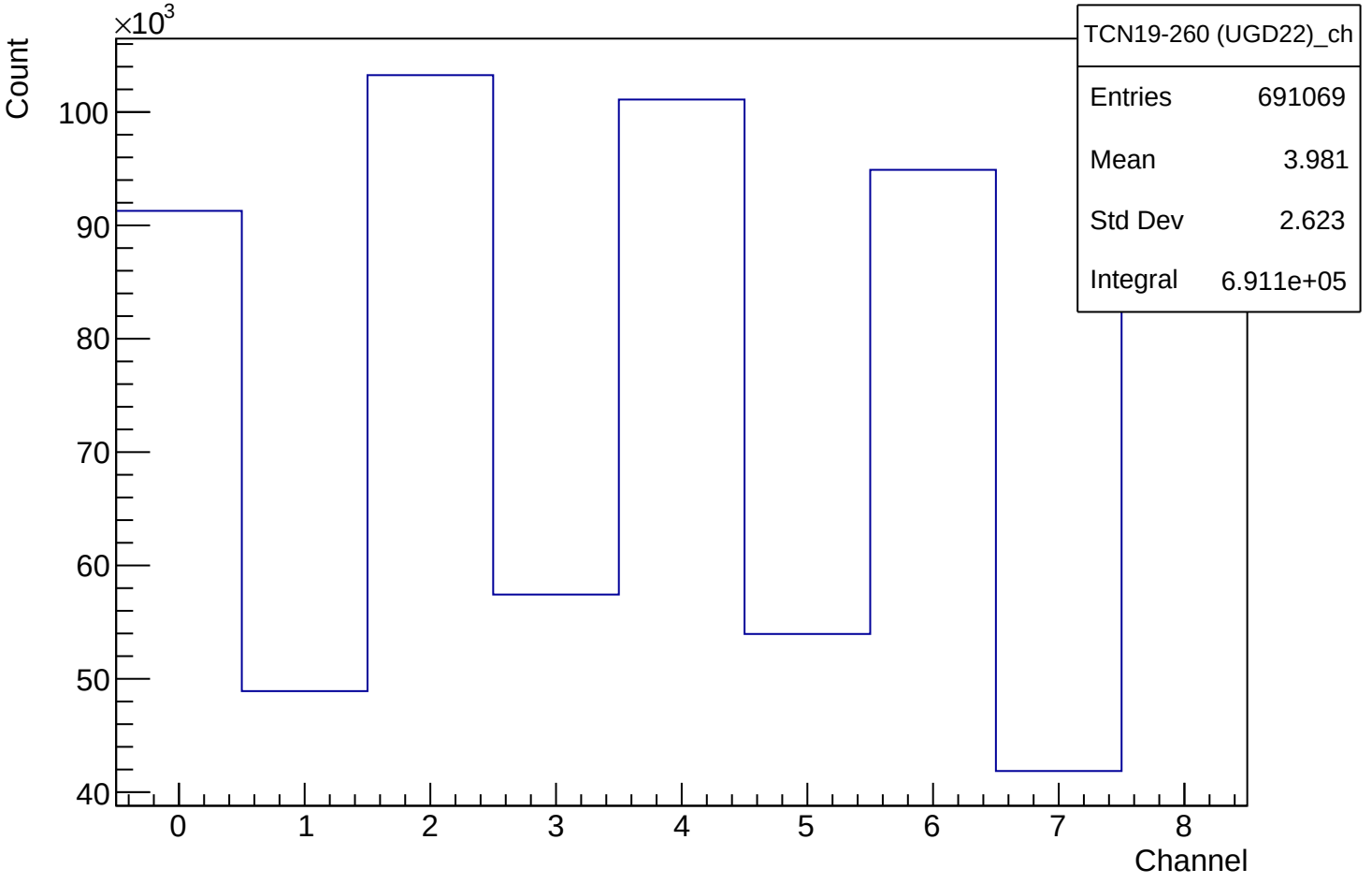

TCN19-260 (UGD22)_Li6
Entries 691069
Mean 76.68
Std Dev 18.17
Integral 6.91e+05
χ² / ndf 1.008e+04 / 2358
Prob 0
p0 1.371e+05 ± 1.085e+03
p1 14.94 ± 0.02
Li6 rate (1/0.05s)
Time (s)
10³
10²
10
1
0
20
40
60
80
100
120
140
160
180

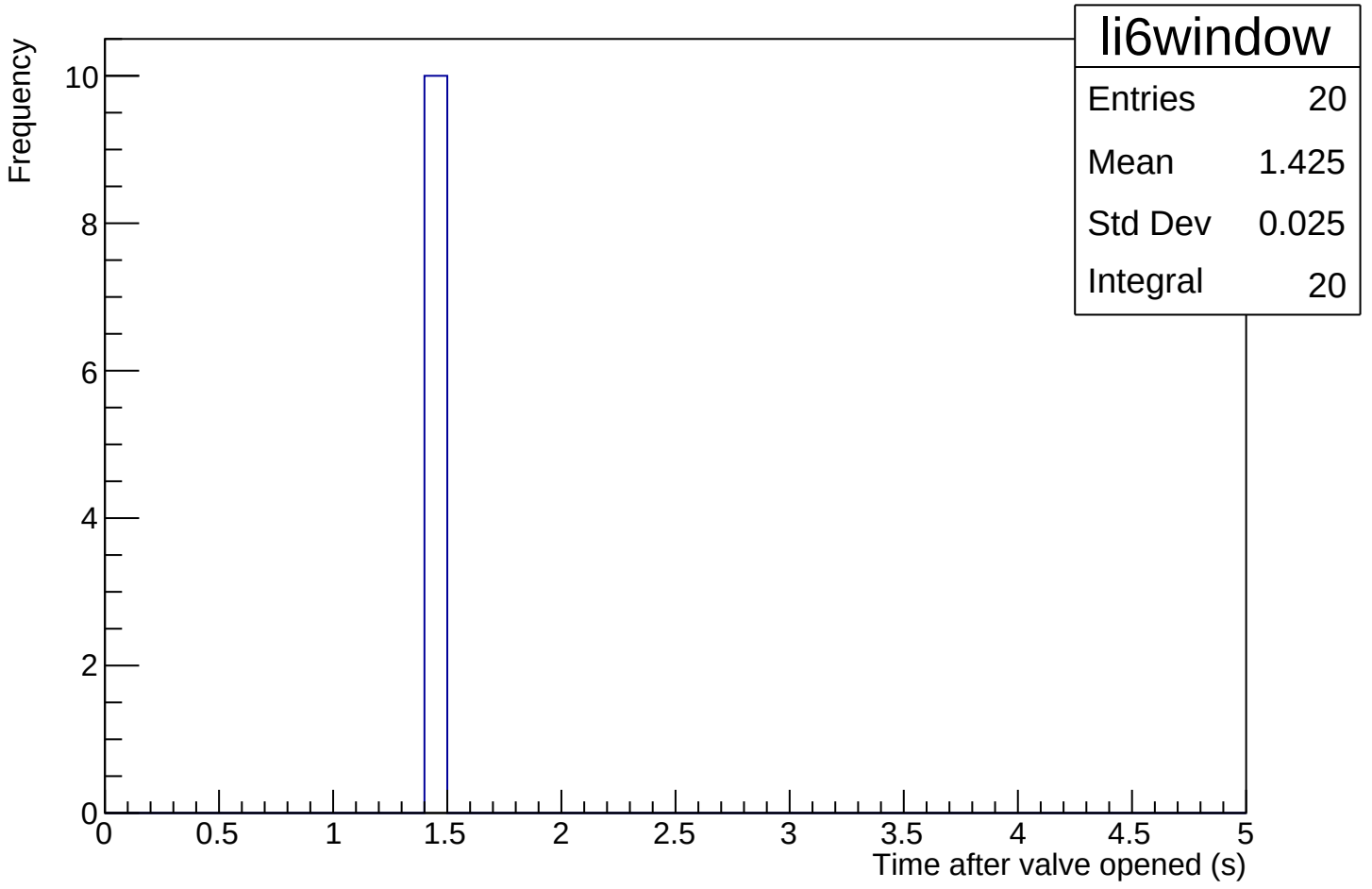

TCN19-260 (UGD22)_Li6_norm
Entries 643048
Mean 76.52
Std Dev 17.44
Integral 7.842
Li6 rate normalized during counting (1/0.05s)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0 20 40 60 80 100 120 140 160 180
Time (s)


TCN19-260 (UGD22)_Li6_norm
Entries 632624
Mean 76.52
Std Dev 17.44
Integral 10.27
Li6 rate normalized during irradiation (1/0.05s)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0
20
40
60
80
100
120
140
160
180
Time (s)


Ratio of cumulated rates
16
14
12
10
8
6
4
2
0
0
20
40
60
80
100
120
140
160
180
Time (s)


TCN19-260 (UGD22)_ratio
Entries 4097
Mean 120.9
Std Dev 35.13
Integral 96.75
Average rate ratio
Time (s)
0
1
2
3
4
5
6
7
8
9
0
20
40
60
80
100
120
140
160
180


TCN19-260 (UGD22)
×10^3
Count
100
90
80
70
60
50
40
0
1
2
3
4
5
6
7
8
Channel
TCN19-260 (UGD22)_ch
Entries 691069
Mean 3.981
Std Dev 2.623
Integral 6.911e+05


Li6 window
li6window
Entries 20
Mean 1.425
Std Dev 0.025
Integral 20
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)