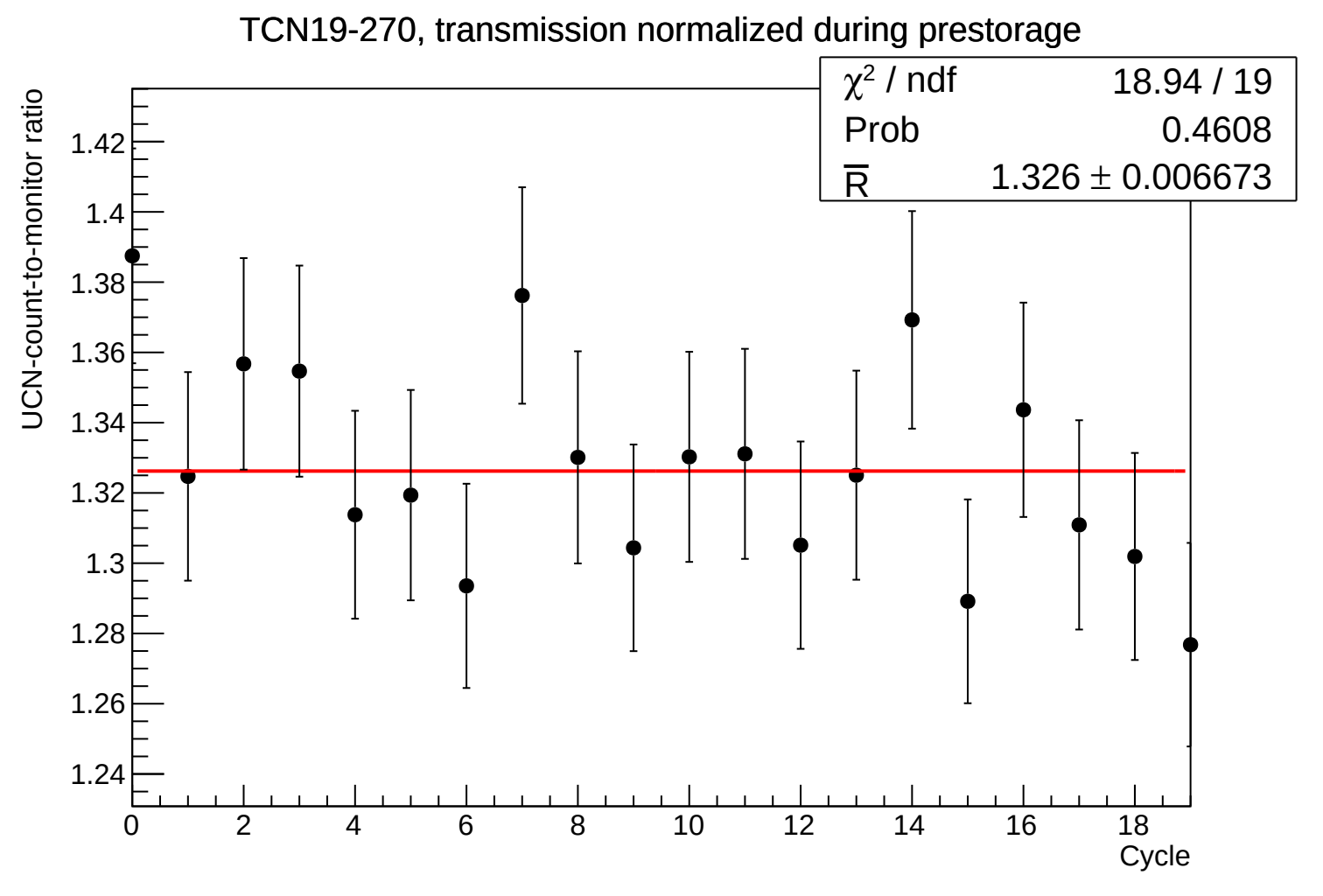
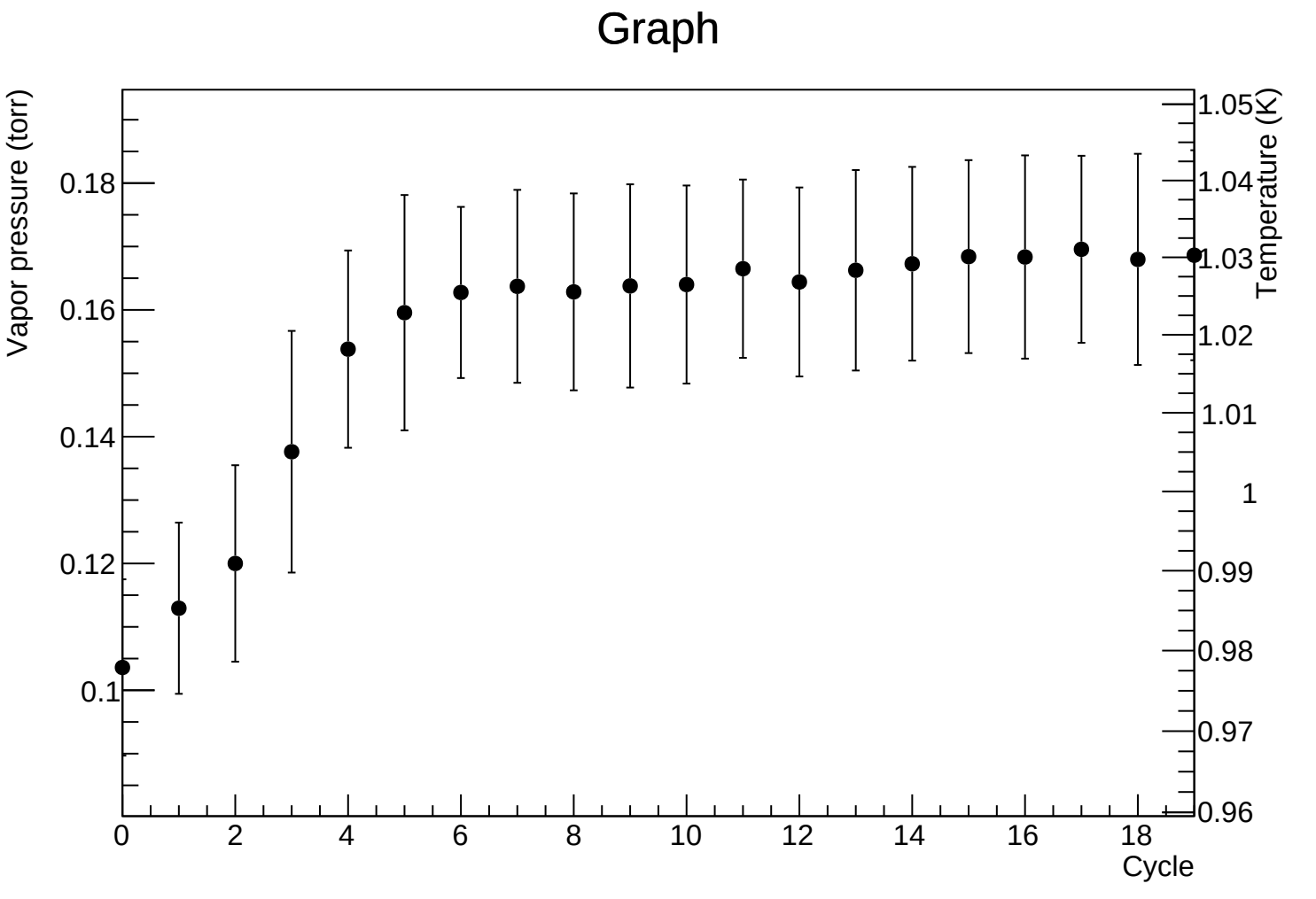
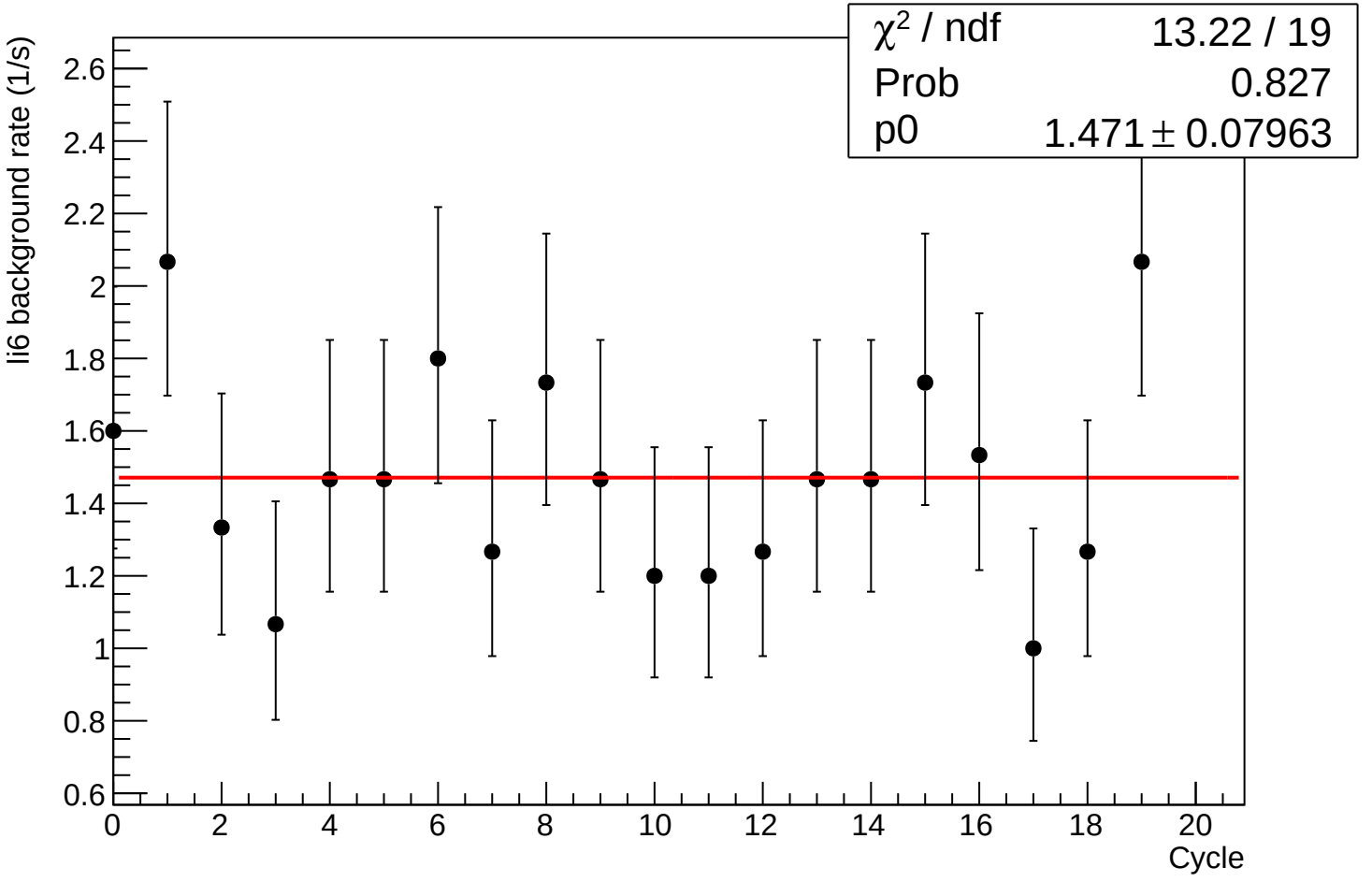
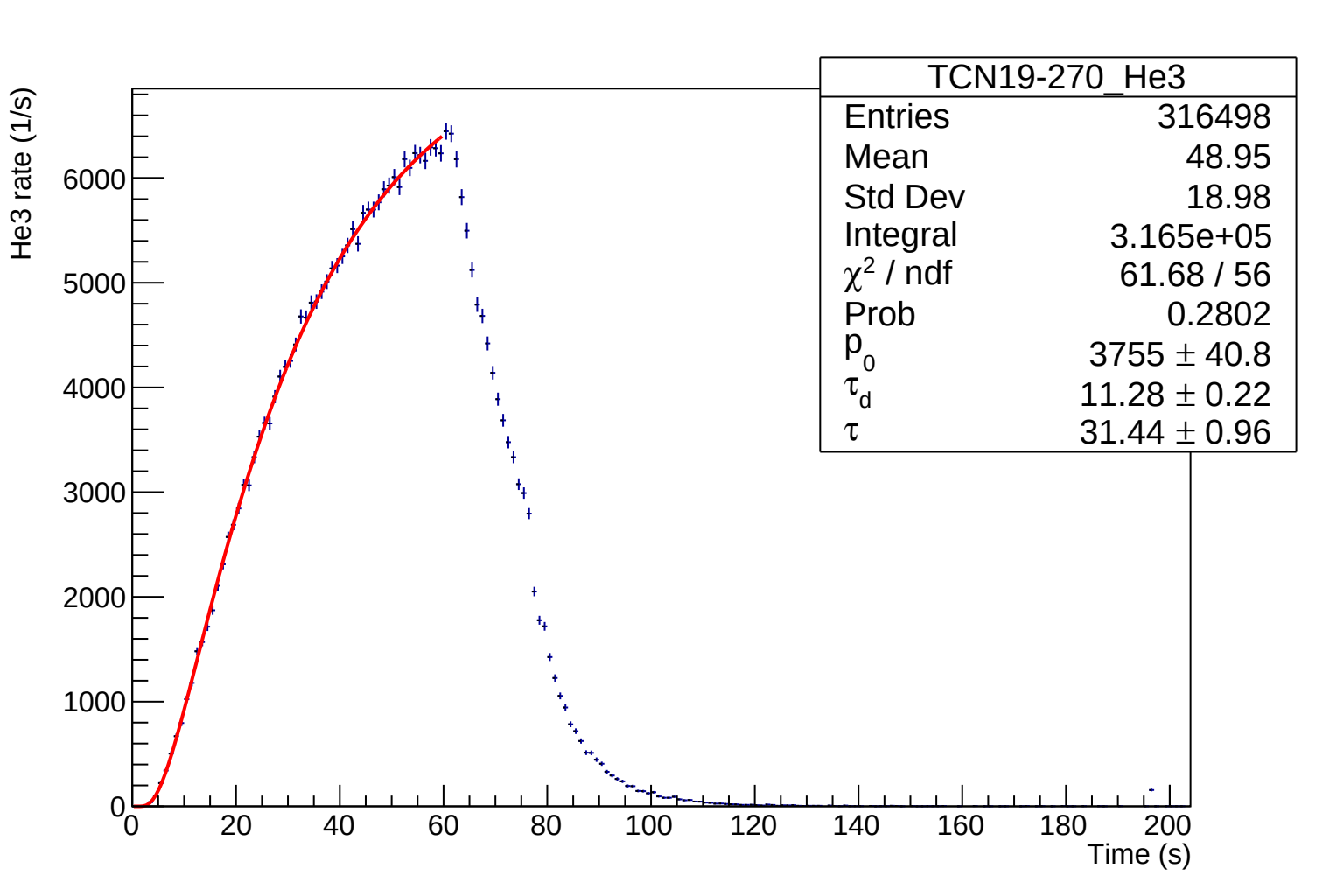
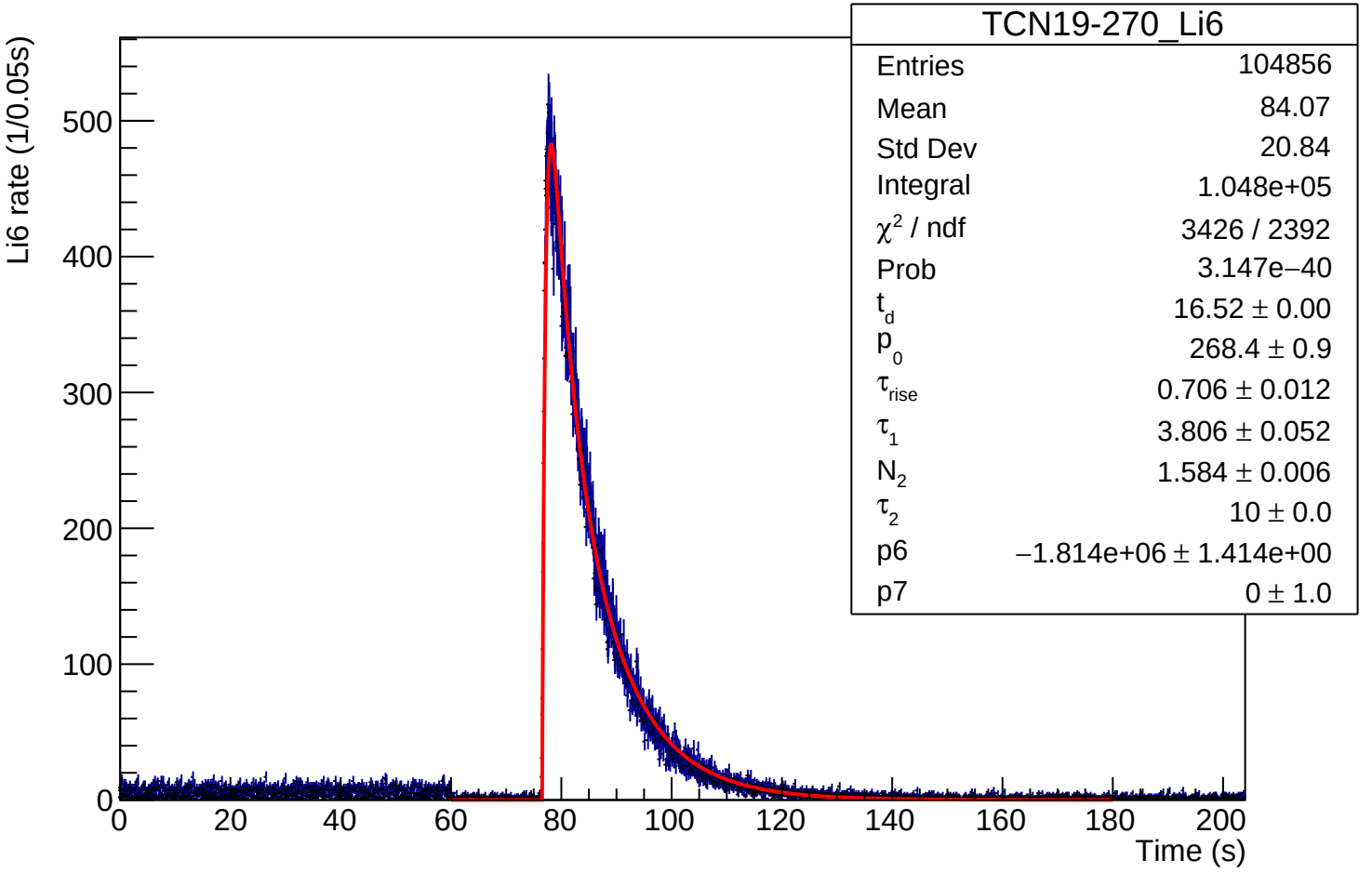
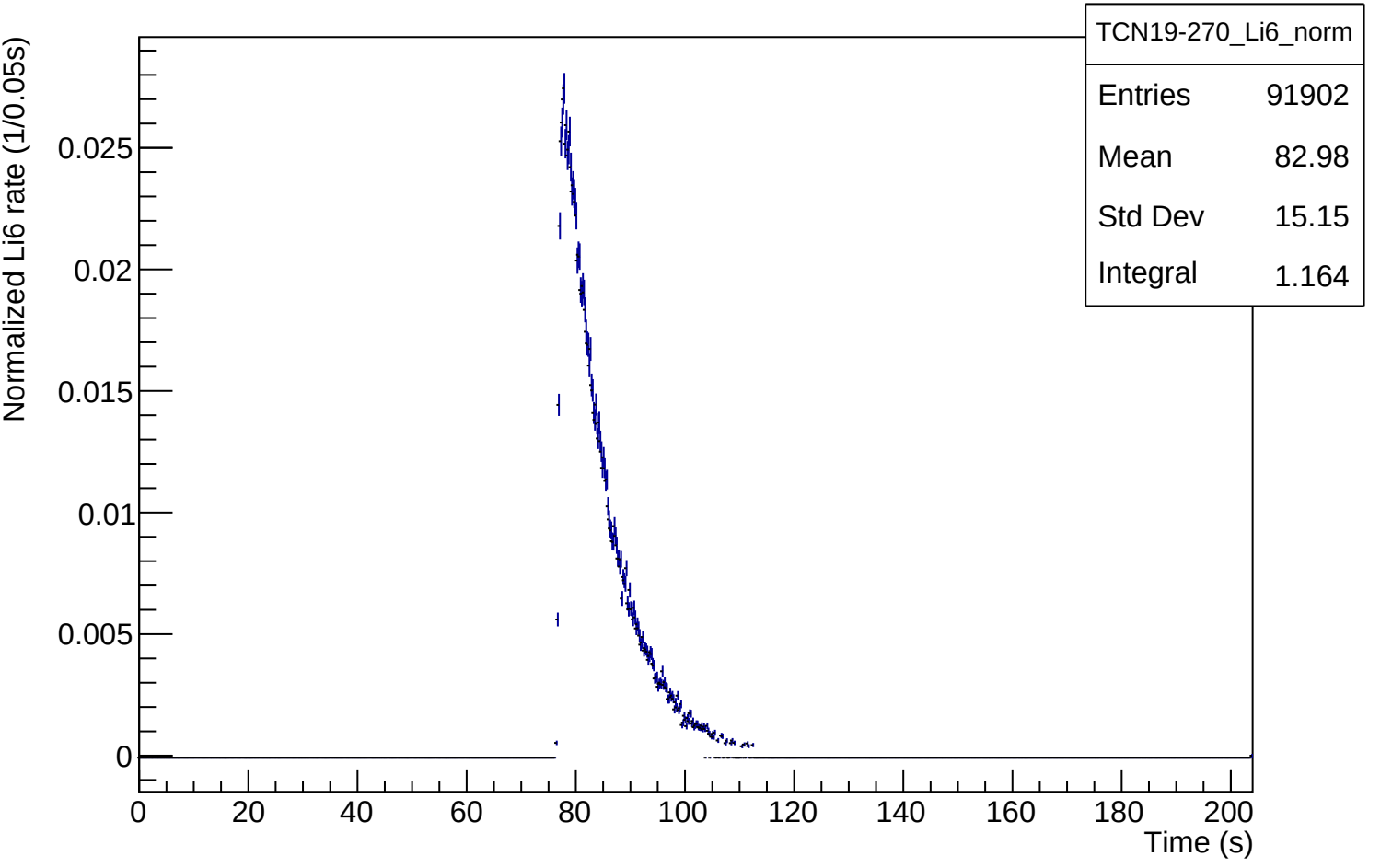

TCN19-270, transmission normalized during prestorage
χ² / ndf 18.94 / 19
Prob 0.4608
R̄ 1.326 ± 0.006673
UCN-count-to-monitor ratio
1.42
1.4
1.38
1.36
1.34
1.32
1.3
1.28
1.26
1.24
0
2
4
6
8
10
12
14
16
18
Cycle

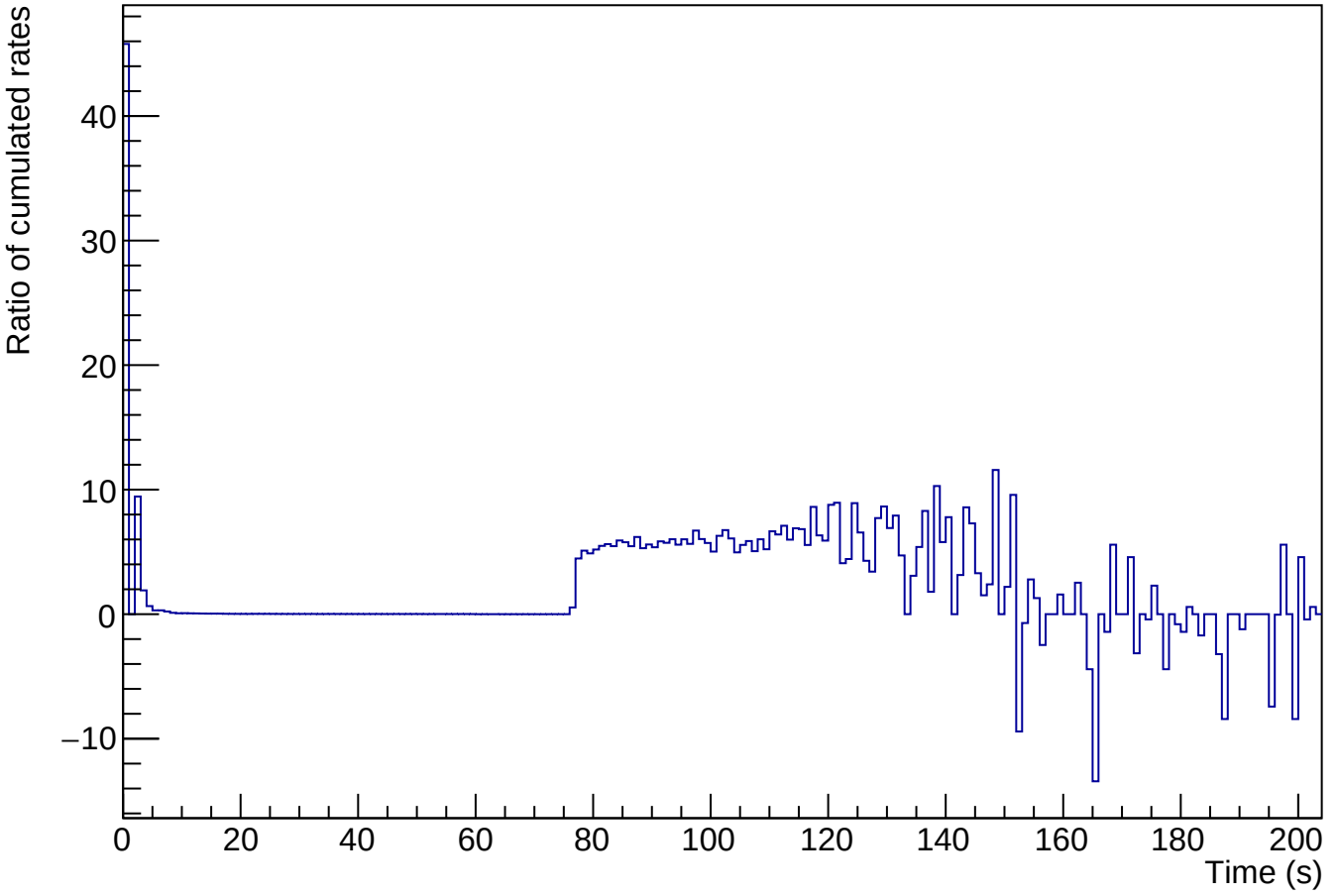

Graph
Vapor pressure (torr)
0.18
0.16
0.14
0.12
0.1
Temperature (K)
1.05
1.04
1.03
1.02
1.01
1
0.99
0.98
0.97
0.96
0
2
4
6
8
10
12
14
16
18
Cycle

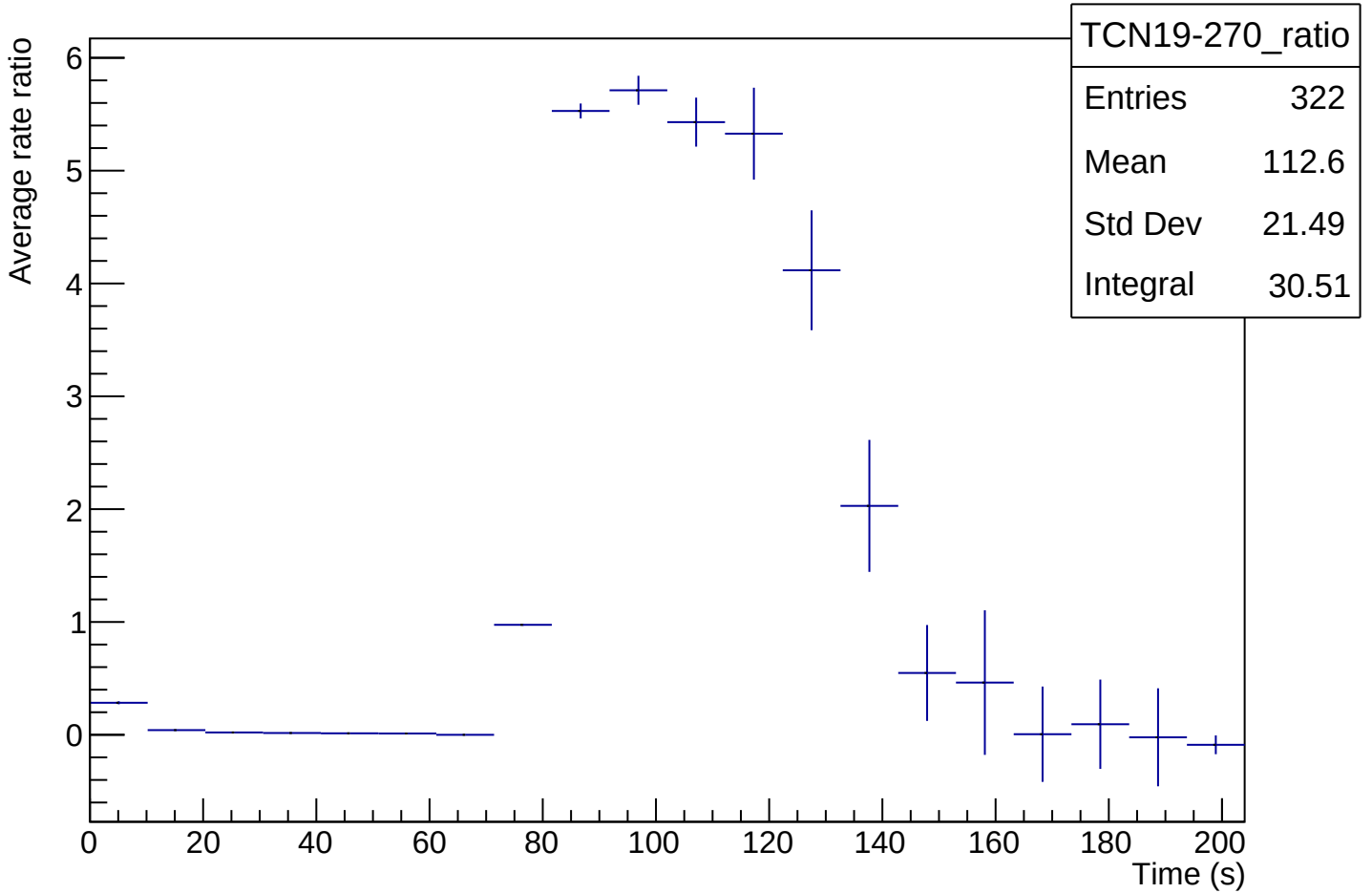

li6 background rate (1/s)
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0
2
4
6
8
10
12
14
16
18
20
Cycle
χ² / ndf 13.22 / 19
Prob 0.827
p0 1.471 ± 0.07963

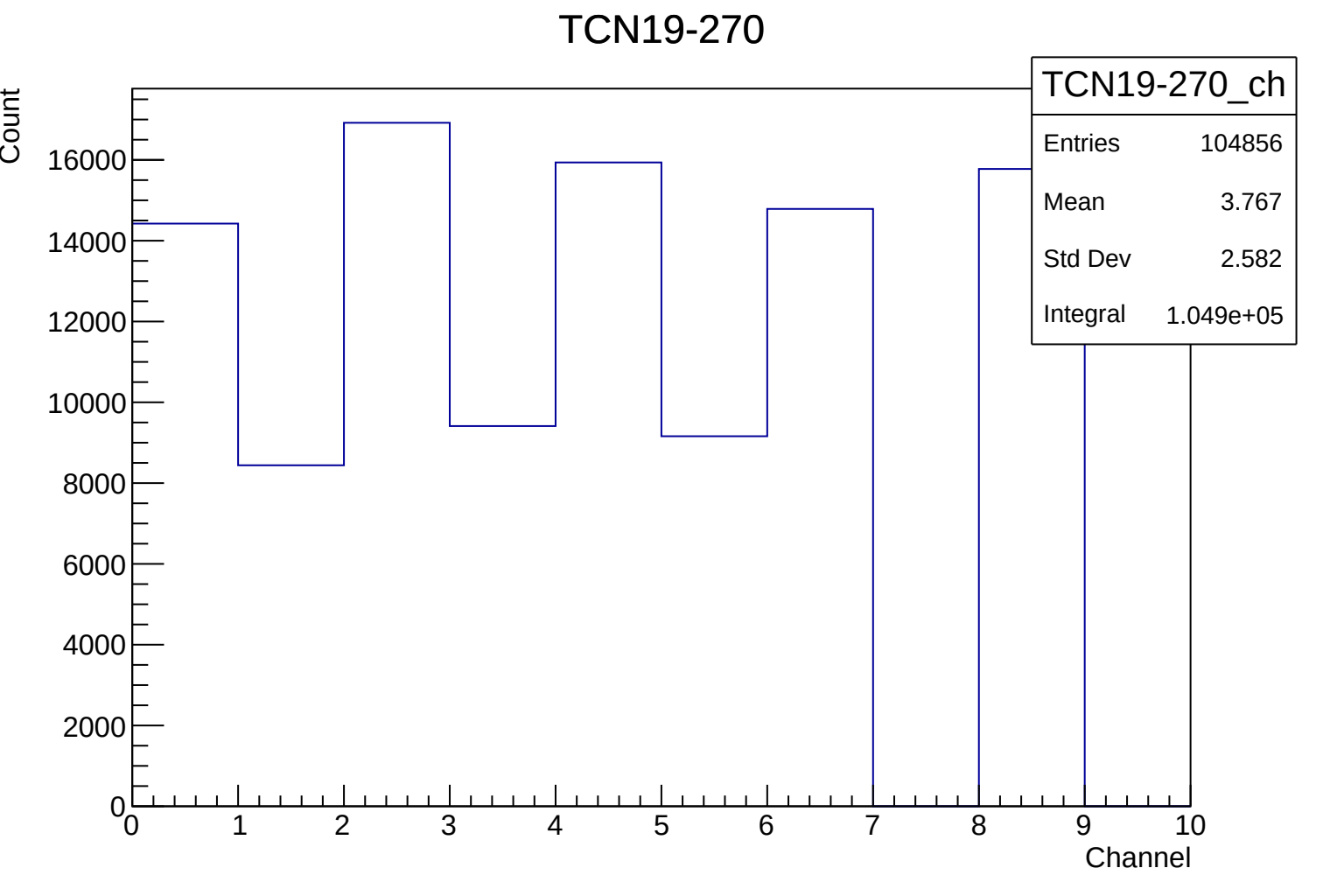

TCN19-270_He3
Entries 316498
Mean 48.95
Std Dev 18.98
Integral 3.165e+05
χ² / ndf 61.68 / 56
Prob 0.2802
p0 3755 ± 40.8
τd 11.28 ± 0.22
τ 31.44 ± 0.96
He3 rate (1/s)
Time (s)
0
1000
2000
3000
4000
5000
6000
0
20
40
60
80
100
120
140
160
180
200

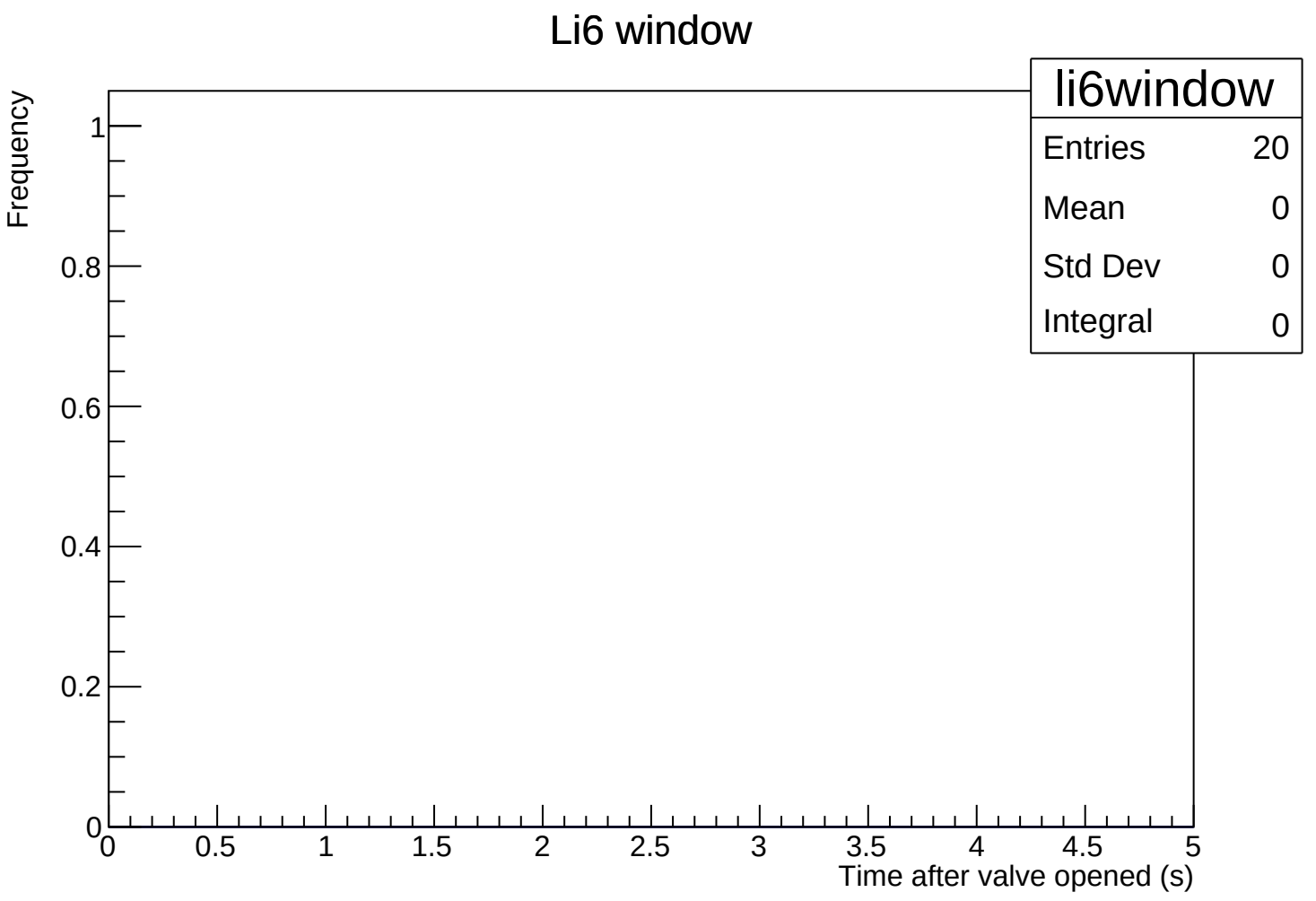

TCN19-270_Li6
Entries 104856
Mean 84.07
Std Dev 20.84
Integral 1.048e+05
χ² / ndf 3426 / 2392
Prob 3.147e−40
t_d 16.52 ± 0.00
p_0 268.4 ± 0.9
τ_rise 0.706 ± 0.012
τ_1 3.806 ± 0.052
N_2 1.584 ± 0.006
τ_2 10 ± 0.0
p6 −1.814e+06 ± 1.414e+00
p7 0 ± 1.0
Li6 rate (1/0.05s)
Time (s)
0
100
200
300
400
500
0
20
40
60
80
100
120
140
160
180
200


TCN19-270_Li6_norm
Entries 91902
Mean 82.98
Std Dev 15.15
Integral 1.164
Normalized Li6 rate (1/0.05s)
0.025
0.02
0.015
0.01
0.005
0
0 20 40 60 80 100 120 140 160 180 200
Time (s)


Ratio of cumulated rates
40
30
20
10
0
−10
0
20
40
60
80
100
120
140
160
180
200
Time (s)


TCN19-270_ratio
Entries 322
Mean 112.6
Std Dev 21.49
Integral 30.51
Average rate ratio
Time (s)
0
1
2
3
4
5
6
0
20
40
60
80
100
120
140
160
180
200


TCN19-270
TCN19-270_ch
Entries 104856
Mean 3.767
Std Dev 2.582
Integral 1.049e+05
Count
16000
14000
12000
10000
8000
6000
4000
2000
0
0
1
2
3
4
5
6
7
8
9
10
Channel


Li6 window
li6window
Entries 20
Mean 0
Std Dev 0
Integral 0
Frequency
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Time after valve opened (s)