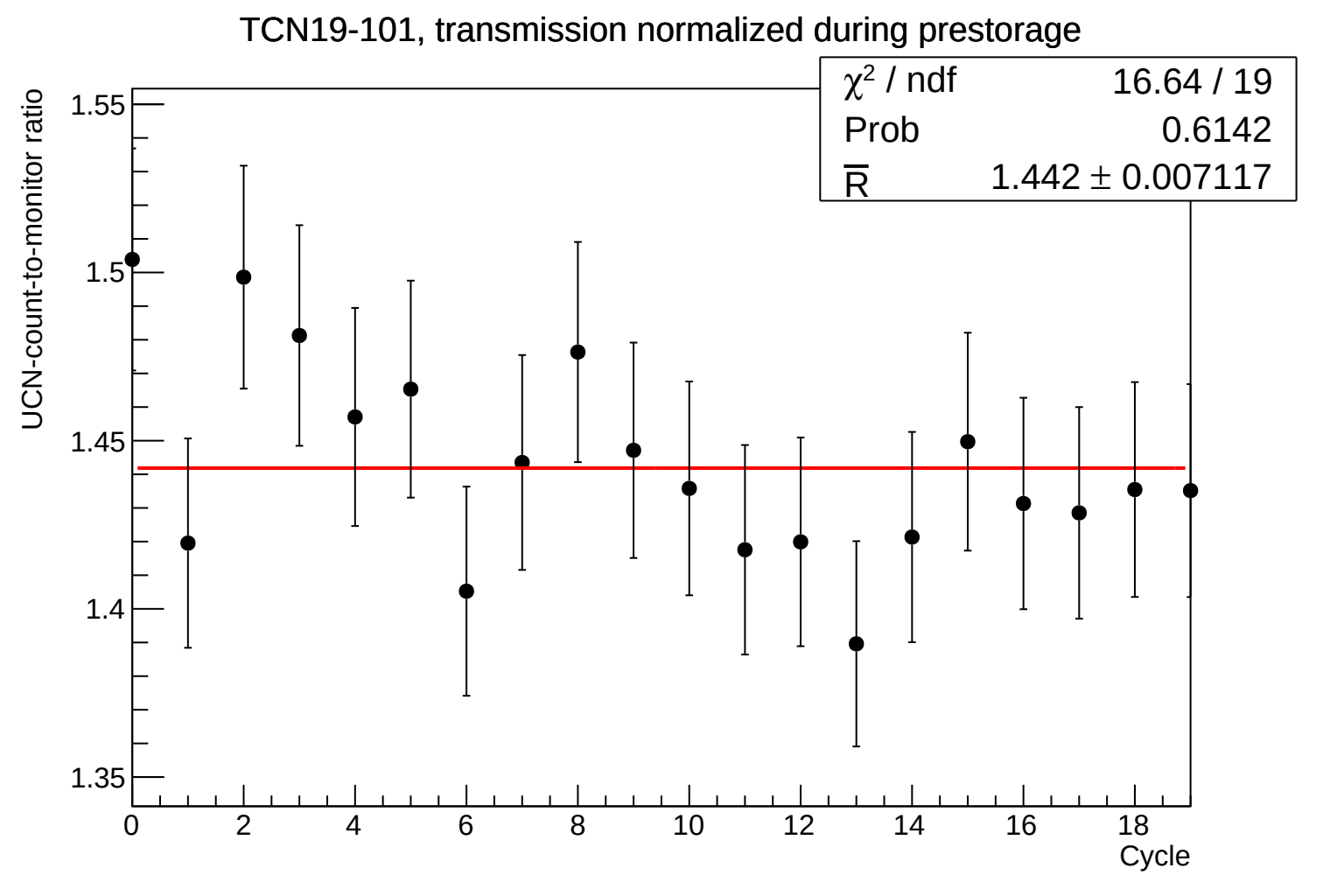
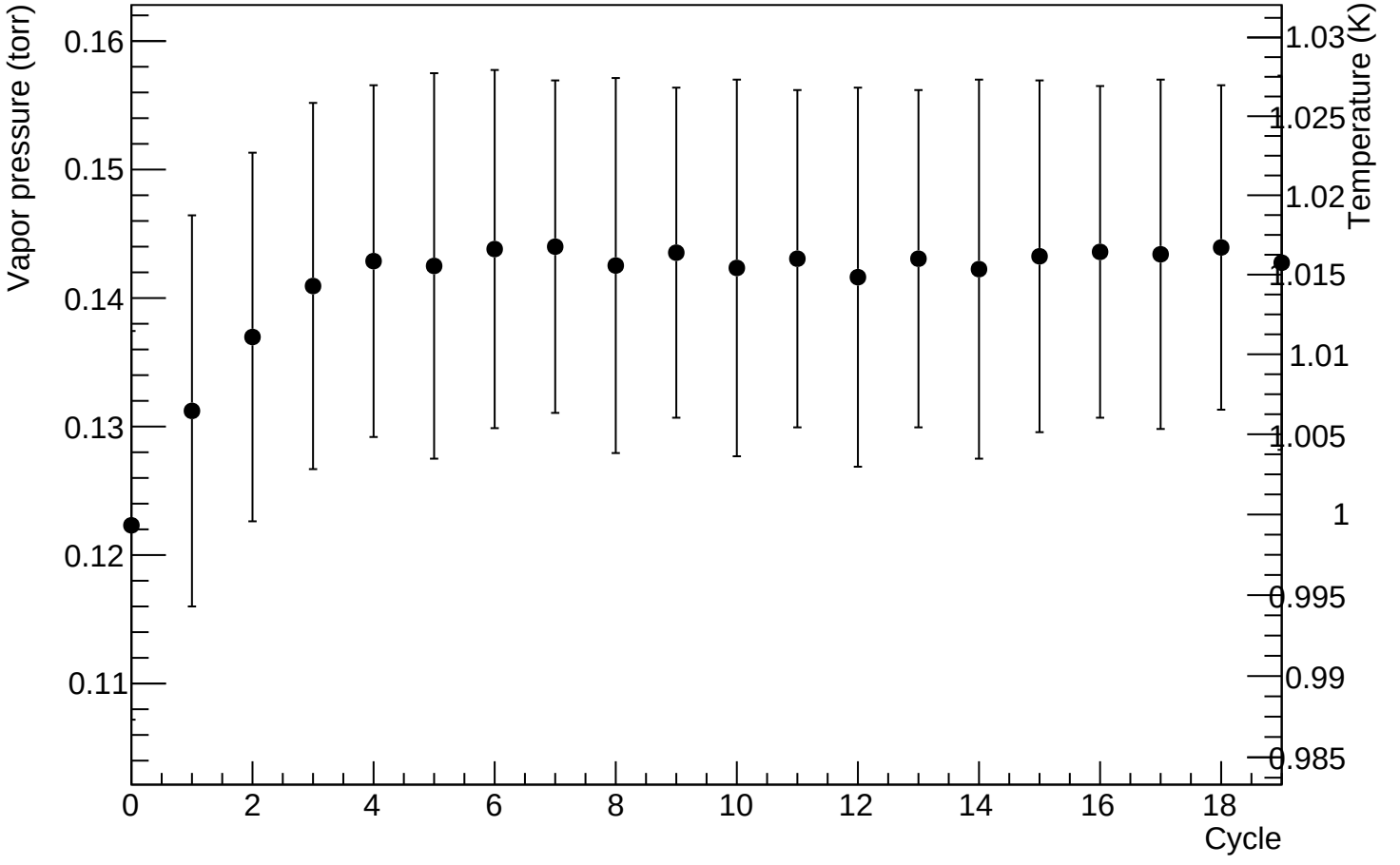
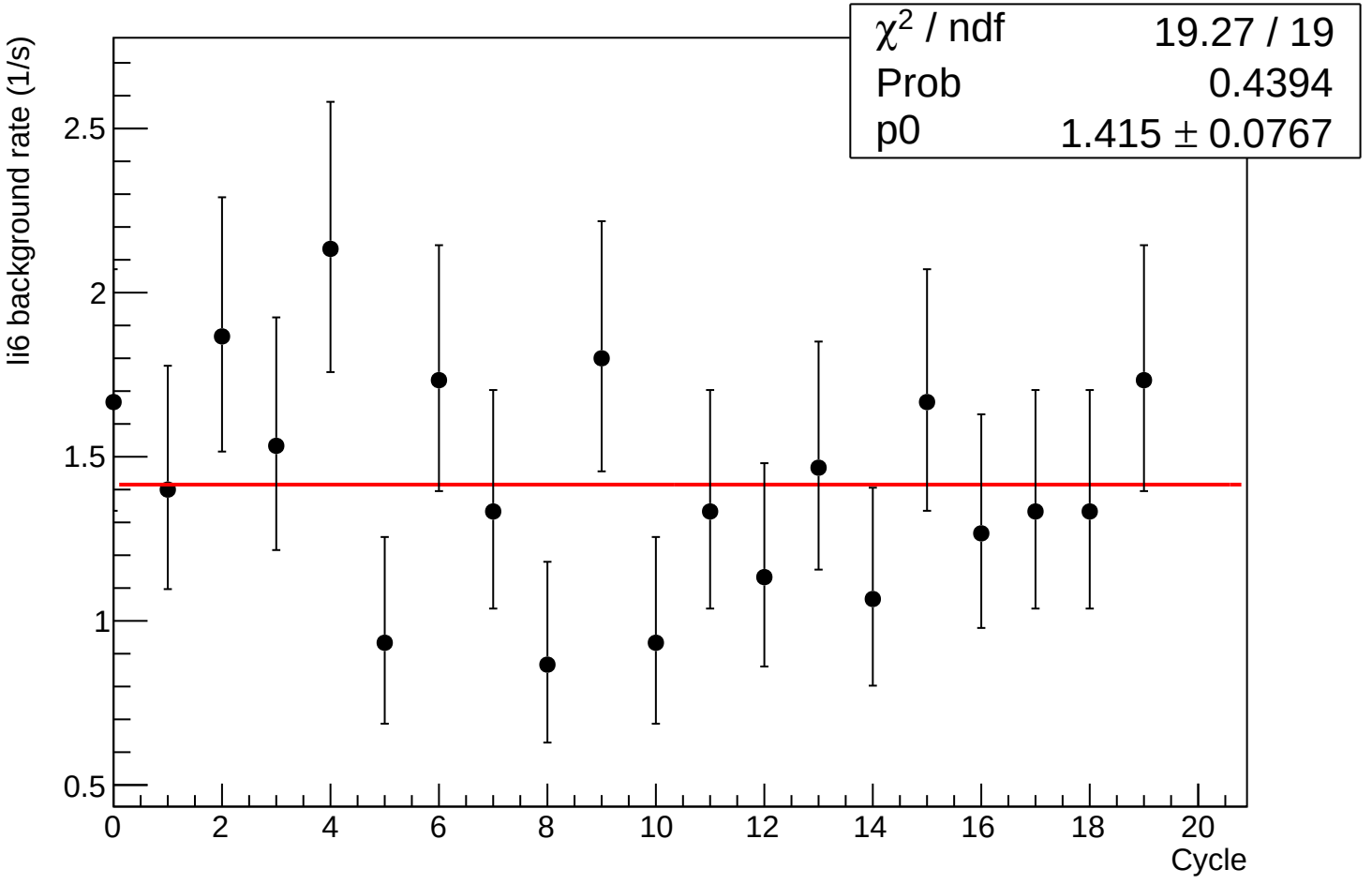
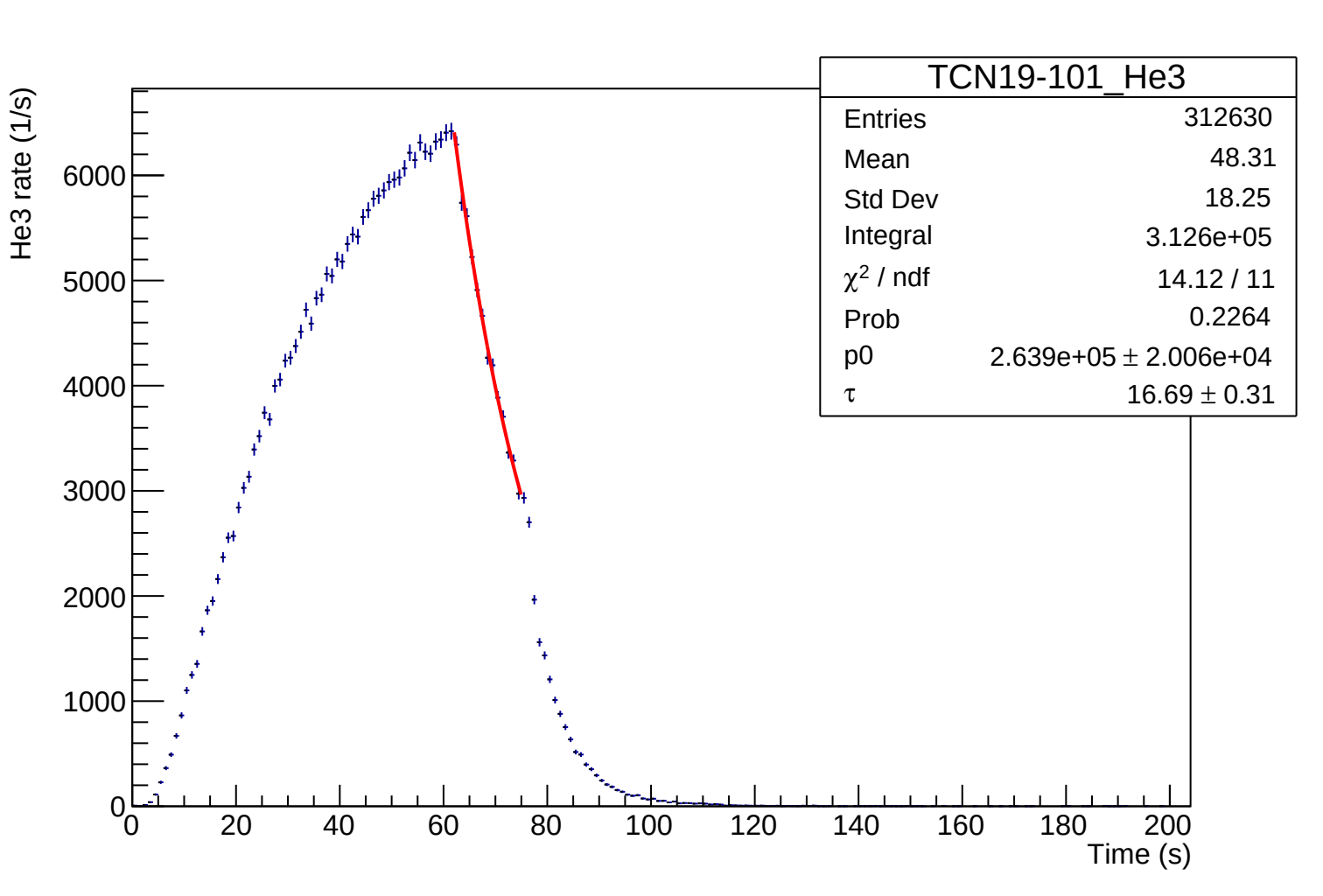
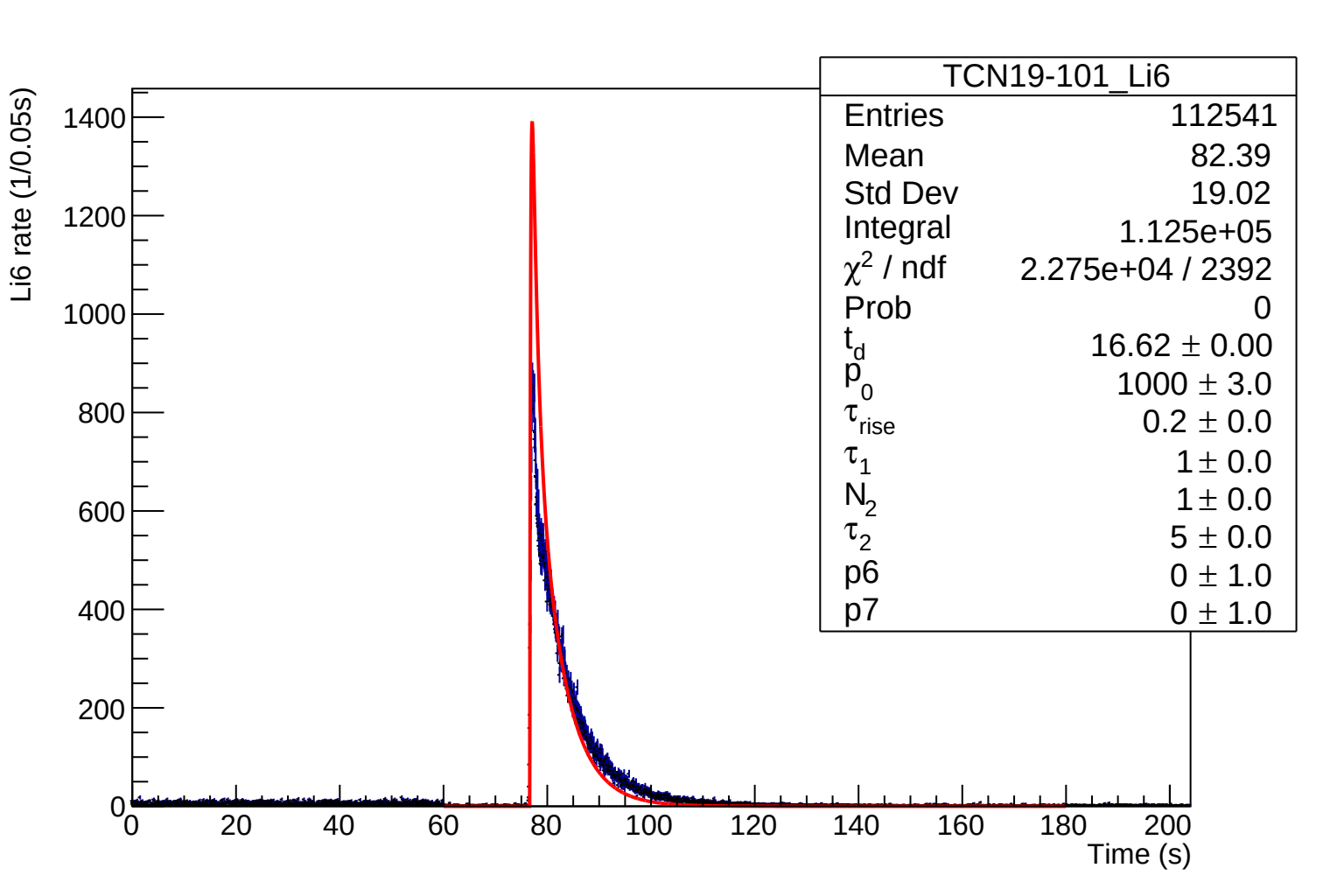
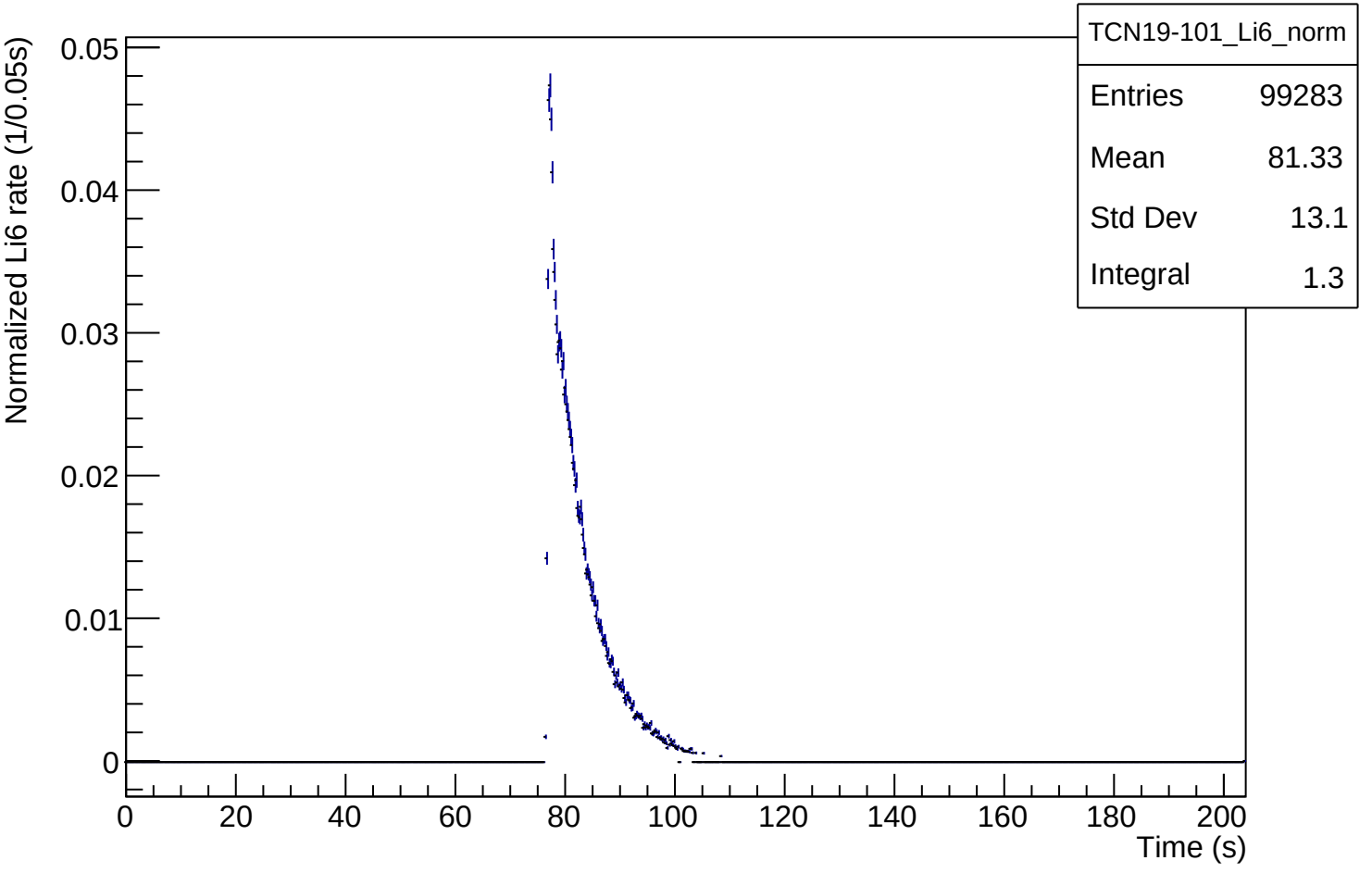

TCN19-101, transmission normalized during prestorage
χ² / ndf 16.64 / 19
Prob 0.6142
R̄ 1.442 ± 0.007117
UCN-count-to-monitor ratio
1.55
1.5
1.45
1.4
1.35
0
2
4
6
8
10
12
14
16
18
Cycle

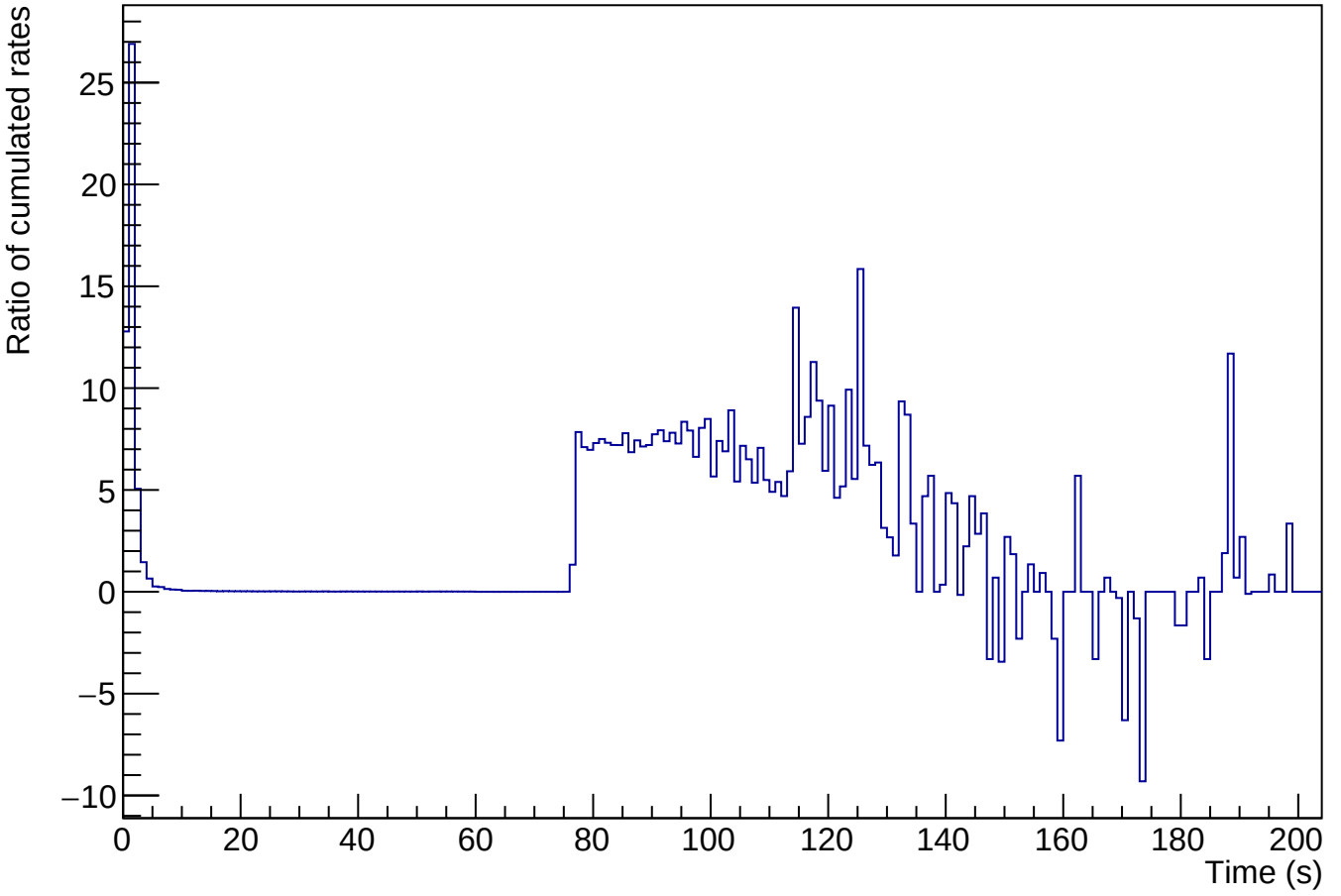

Graph
Vapor pressure (torr)
0.16
0.15
0.14
0.13
0.12
0.11
Temperature (K)
1.03
1.025
1.02
1.015
1.01
1.005
1
0.995
0.99
0.985
0
2
4
6
8
10
12
14
16
18
Cycle

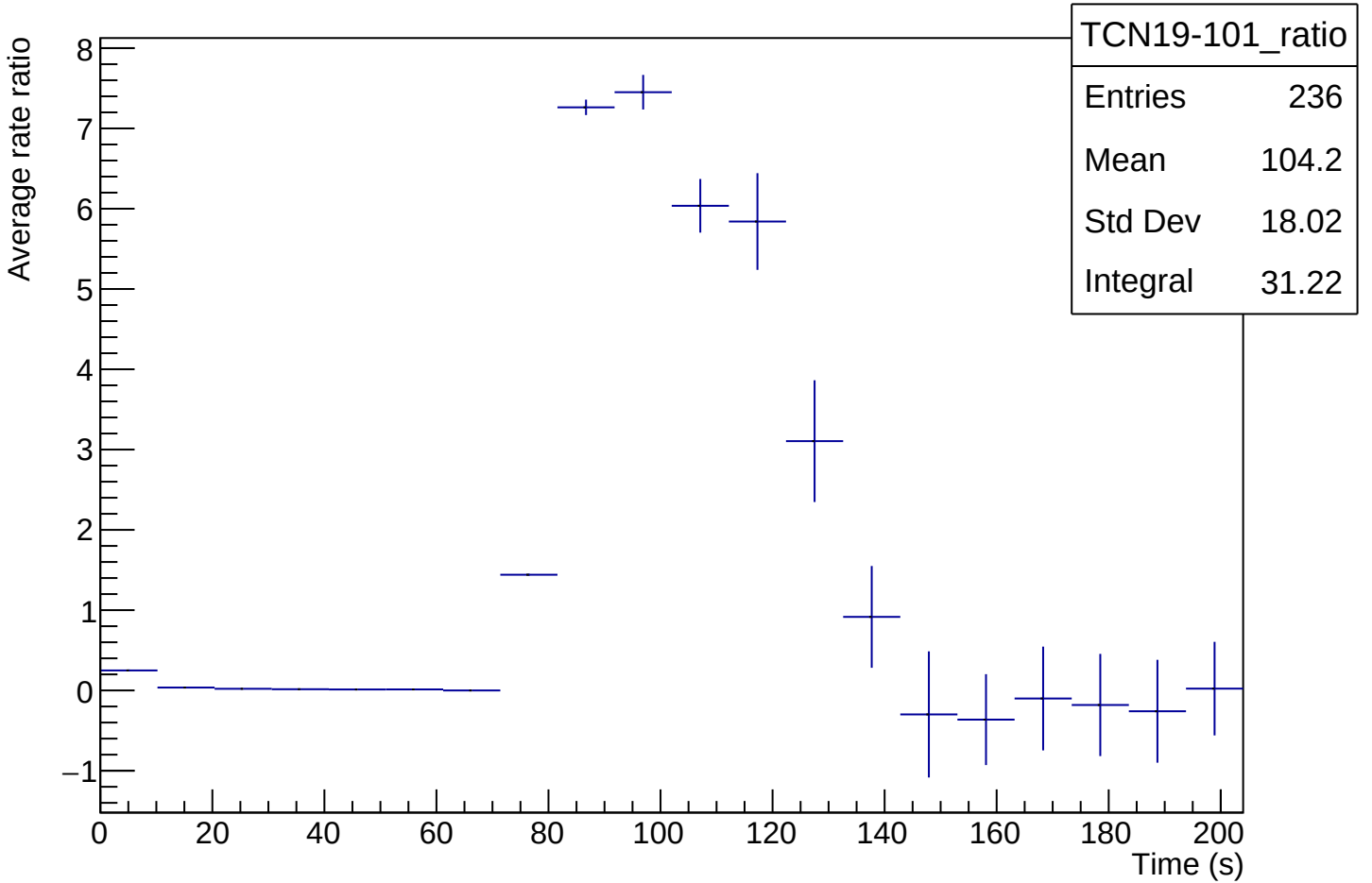

χ^2 / ndf 19.27 / 19
Prob 0.4394
p0 1.415 ± 0.0767
li6 background rate (1/s)
0.5
1
1.5
2
2.5
0
2
4
6
8
10
12
14
16
18
20
Cycle

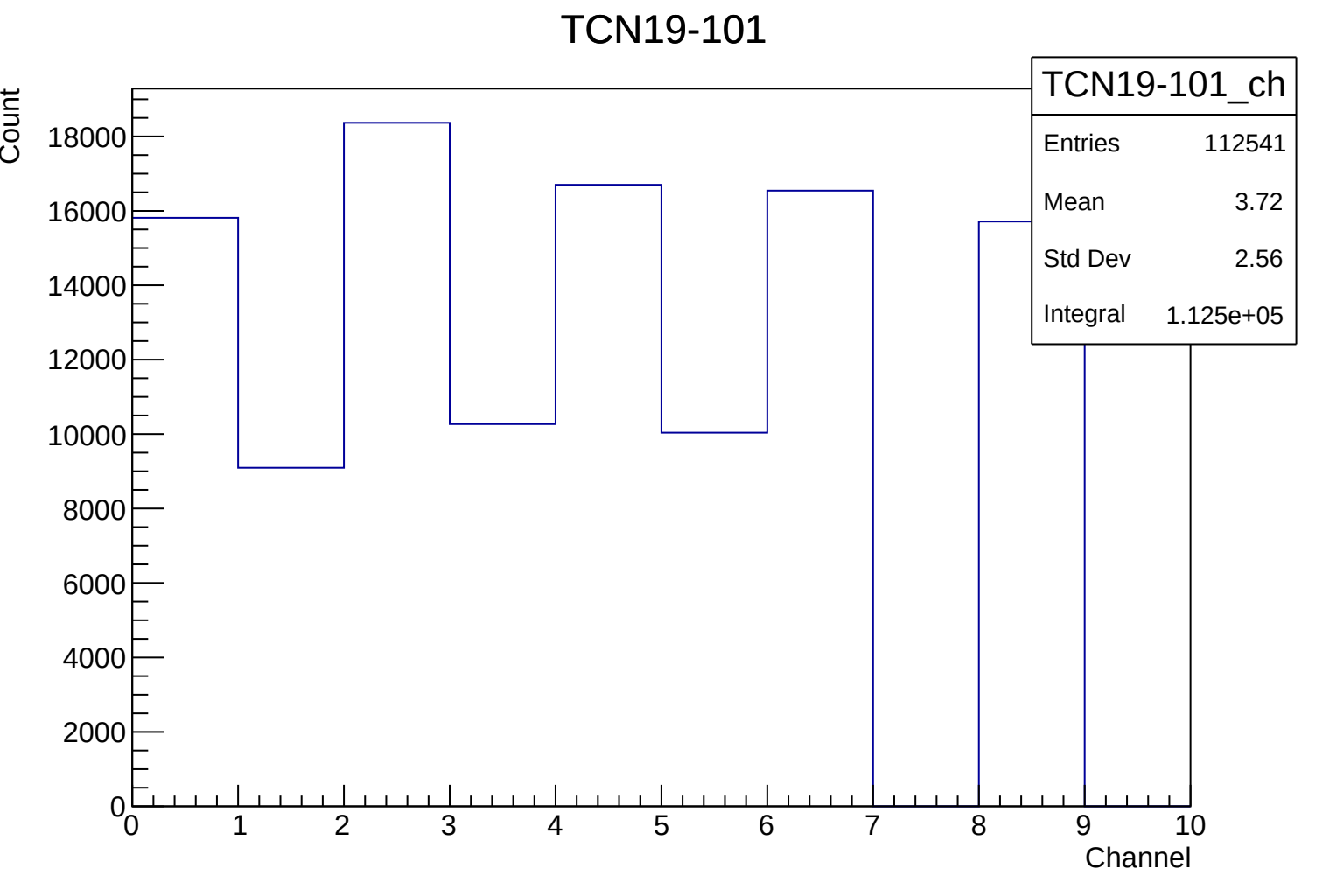

TCN19-101_He3
Entries 312630
Mean 48.31
Std Dev 18.25
Integral 3.126e+05
χ² / ndf 14.12 / 11
Prob 0.2264
p0 2.639e+05 ± 2.006e+04
τ 16.69 ± 0.31
He3 rate (1/s)
Time (s)
0
1000
2000
3000
4000
5000
6000
0
20
40
60
80
100
120
140
160
180
200

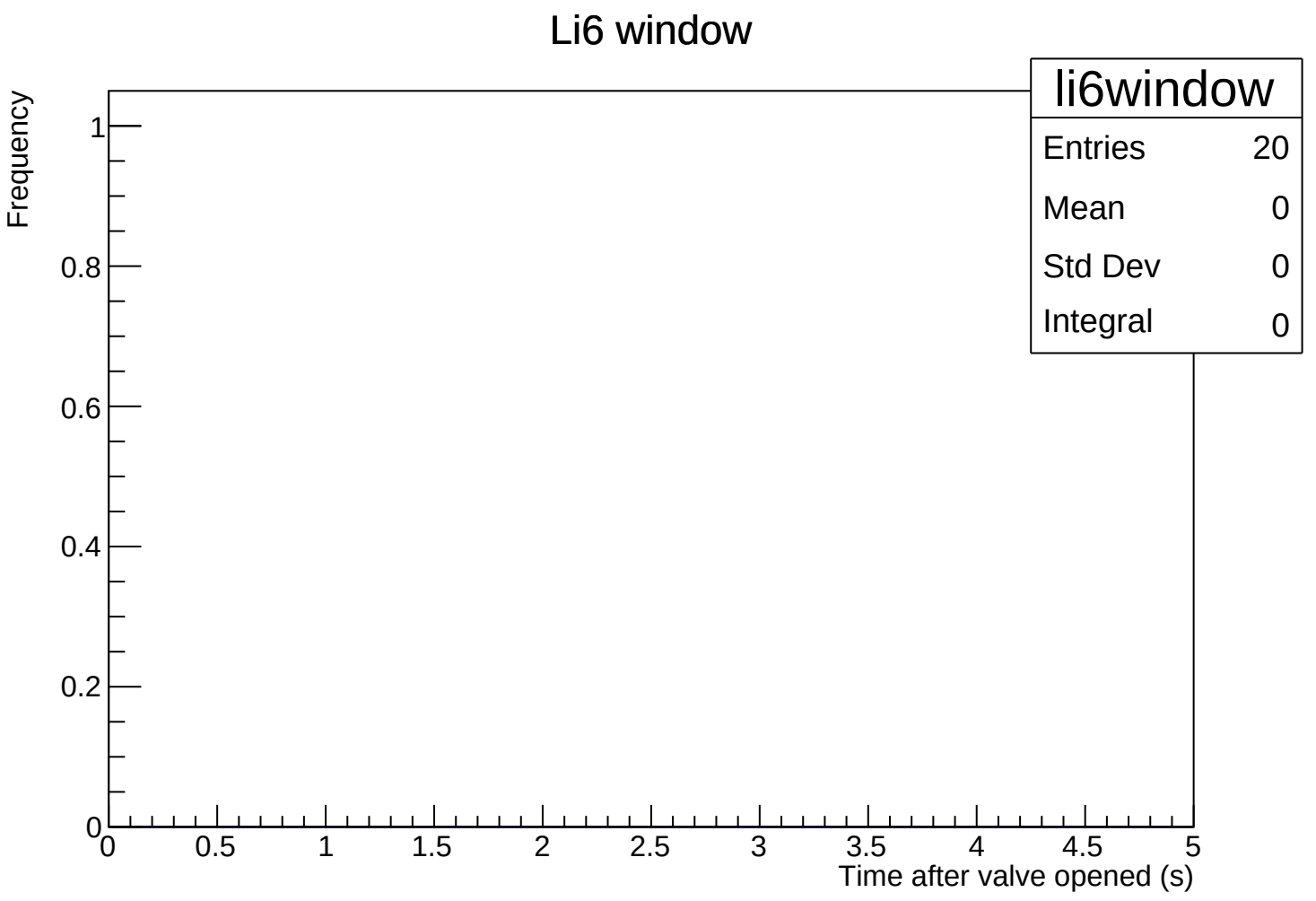

TCN19-101_Li6
Entries 112541
Mean 82.39
Std Dev 19.02
Integral 1.125e+05
χ² / ndf 2.275e+04 / 2392
Prob 0
t_d 16.62 ± 0.00
p_0 1000 ± 3.0
τ_rise 0.2 ± 0.0
τ_1 1 ± 0.0
N_2 1 ± 0.0
τ_2 5 ± 0.0
p6 0 ± 1.0
p7 0 ± 1.0
Li6 rate (1/0.05s)
Time (s)
0
200
400
600
800
1000
1200
1400
0
20
40
60
80
100
120
140
160
180
200


TCN19-101_Li6_norm
Entries 99283
Mean 81.33
Std Dev 13.1
Integral 1.3
Normalized Li6 rate (1/0.05s)
0.05
0.04
0.03
0.02
0.01
0
0 20 40 60 80 100 120 140 160 180 200
Time (s)


Ratio of cumulated rates
25
20
15
10
5
0
−5
−10
0
20
40
60
80
100
120
140
160
180
200
Time (s)


TCN19-101_ratio
Entries 236
Mean 104.2
Std Dev 18.02
Integral 31.22
Average rate ratio
Time (s)
8
7
6
5
4
3
2
1
0
−1
0
20
40
60
80
100
120
140
160
180
200


TCN19-101
TCN19-101_ch
Entries 112541
Mean 3.72
Std Dev 2.56
Integral 1.125e+05
Count
18000
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)