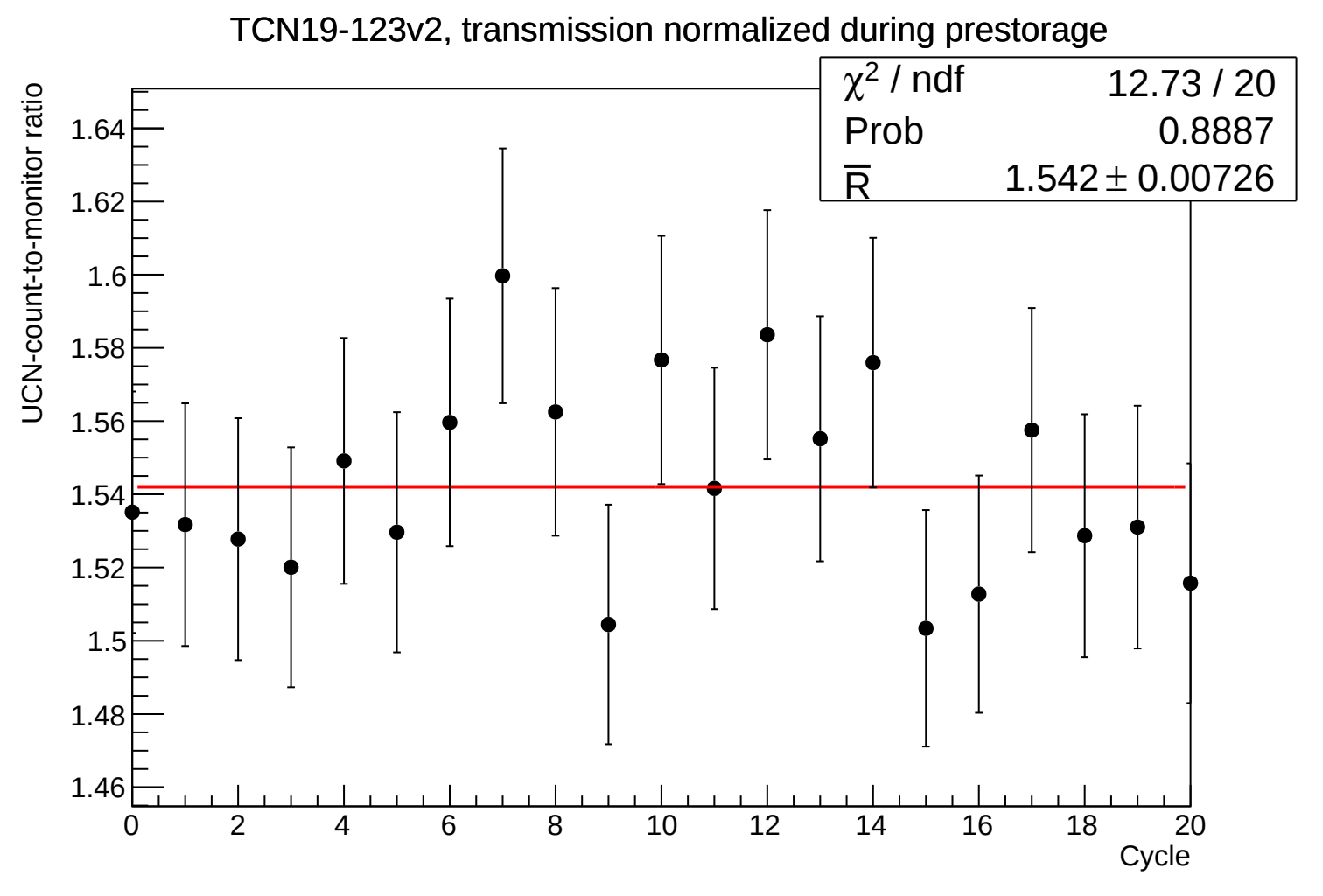
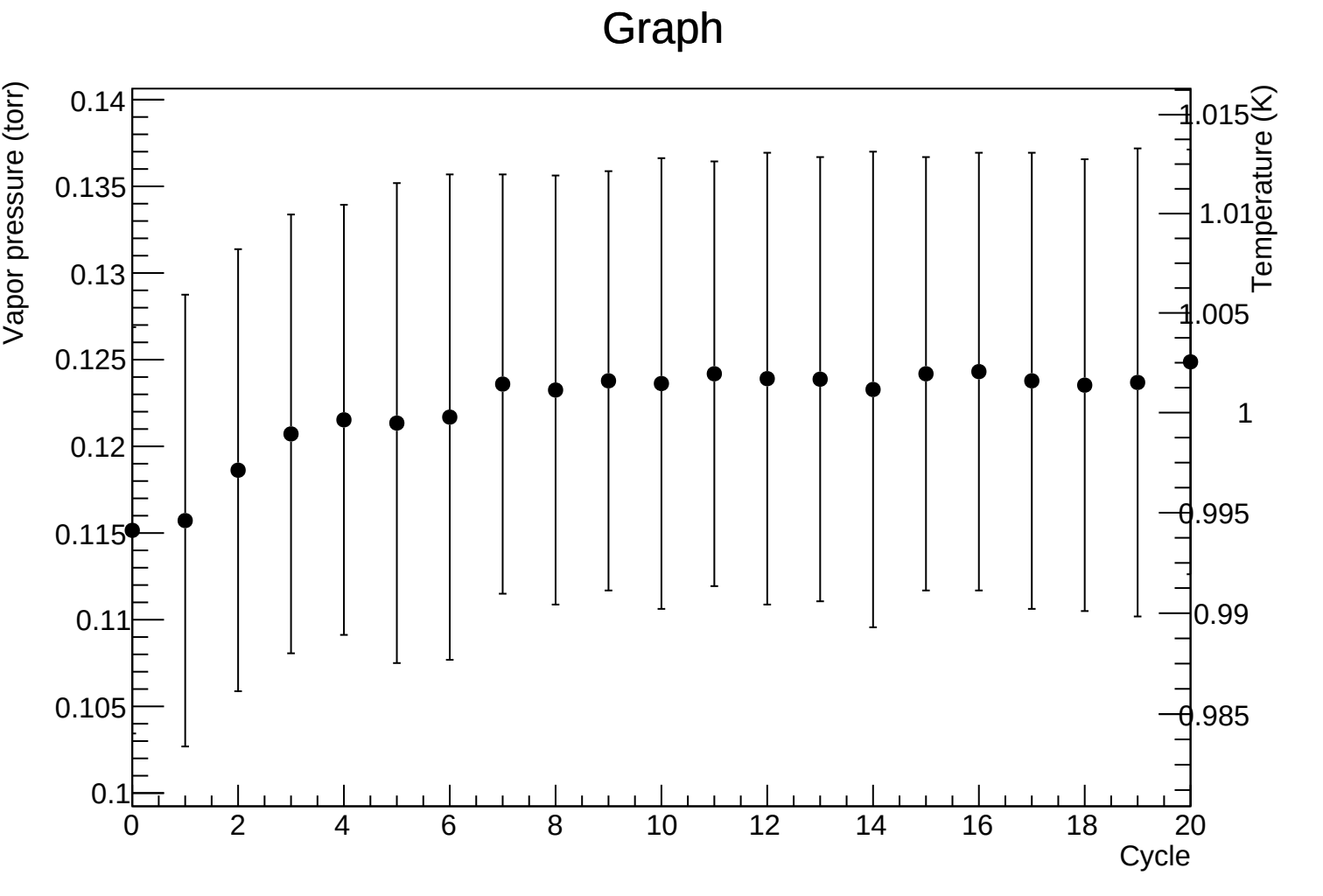
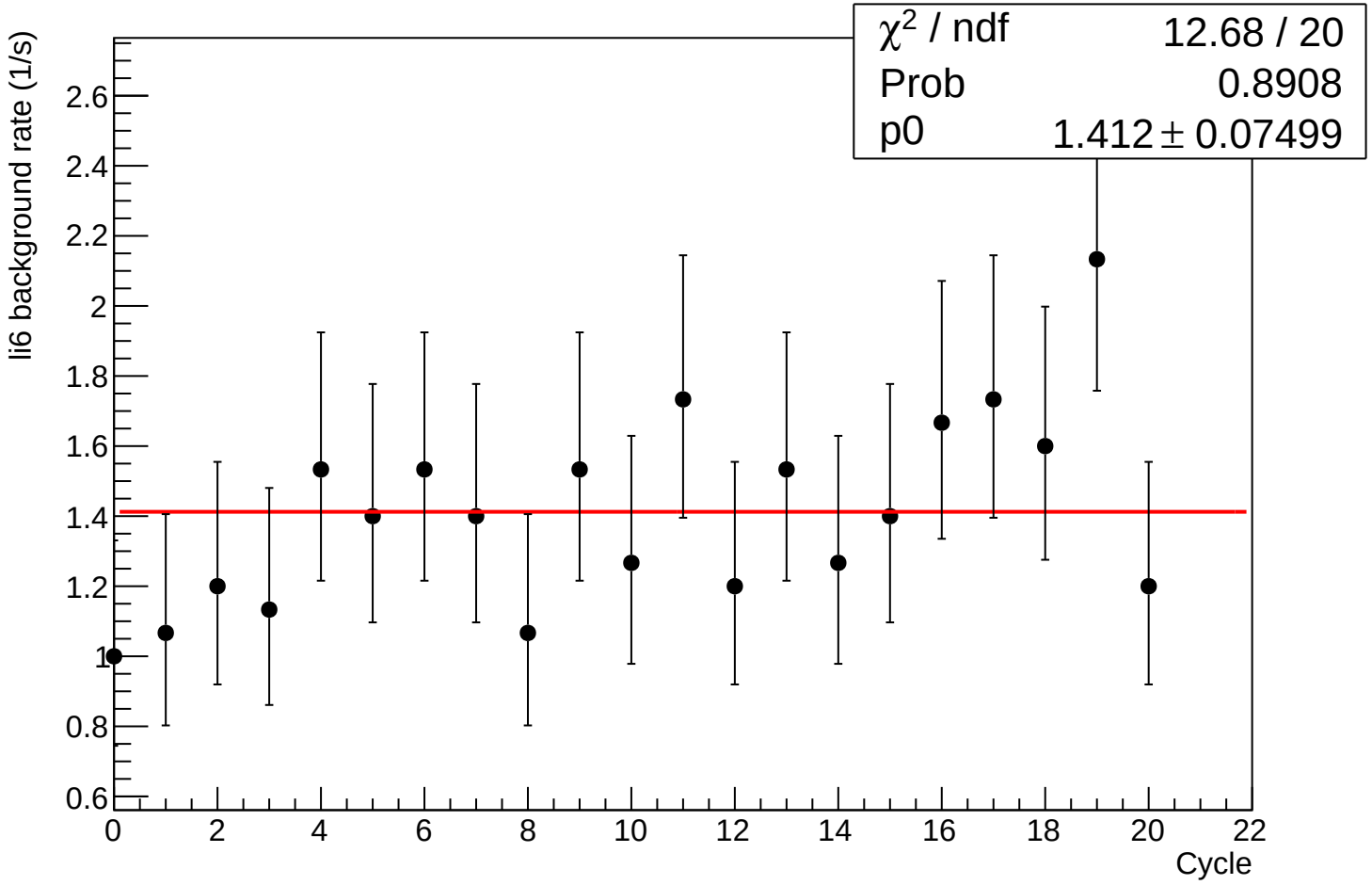
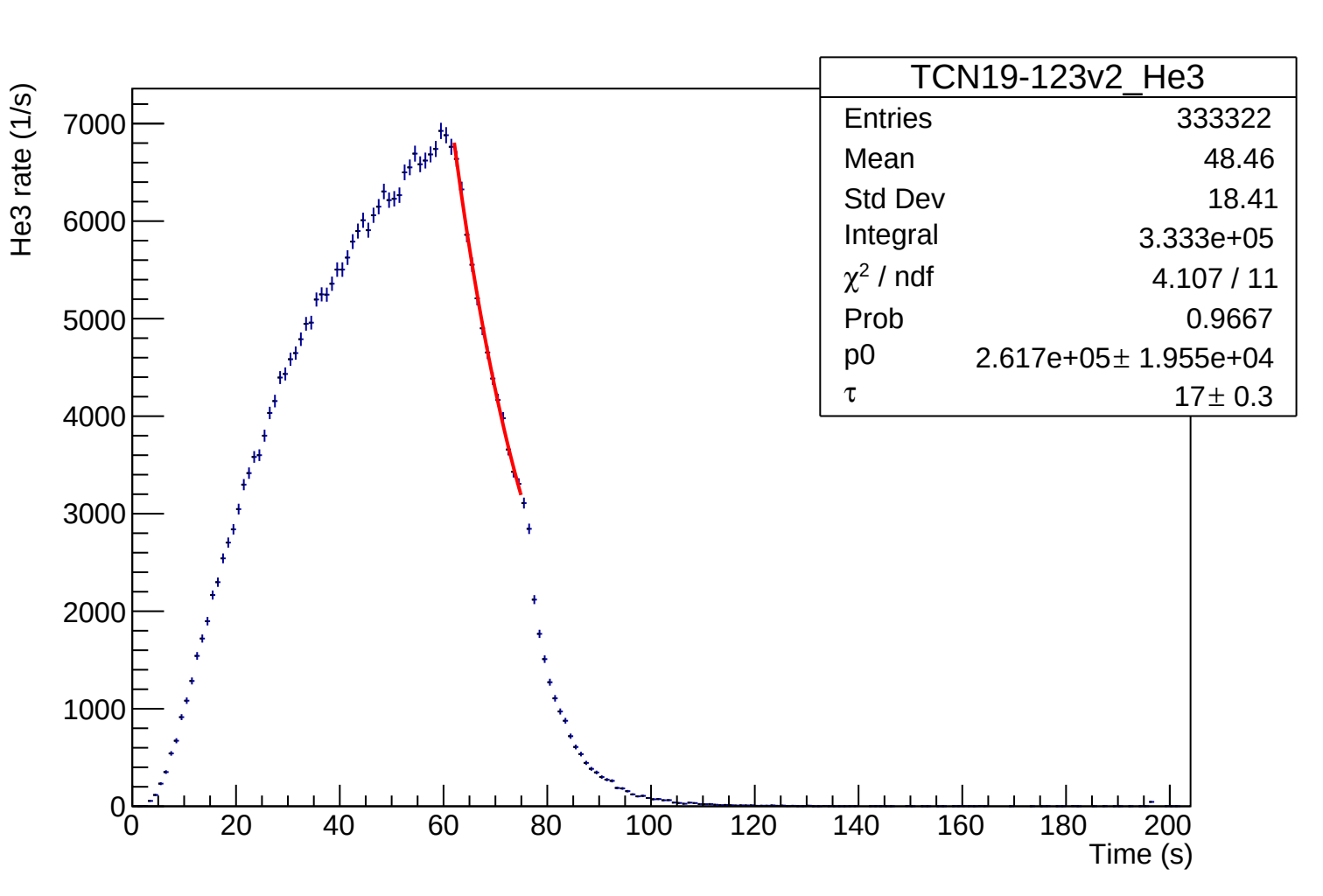
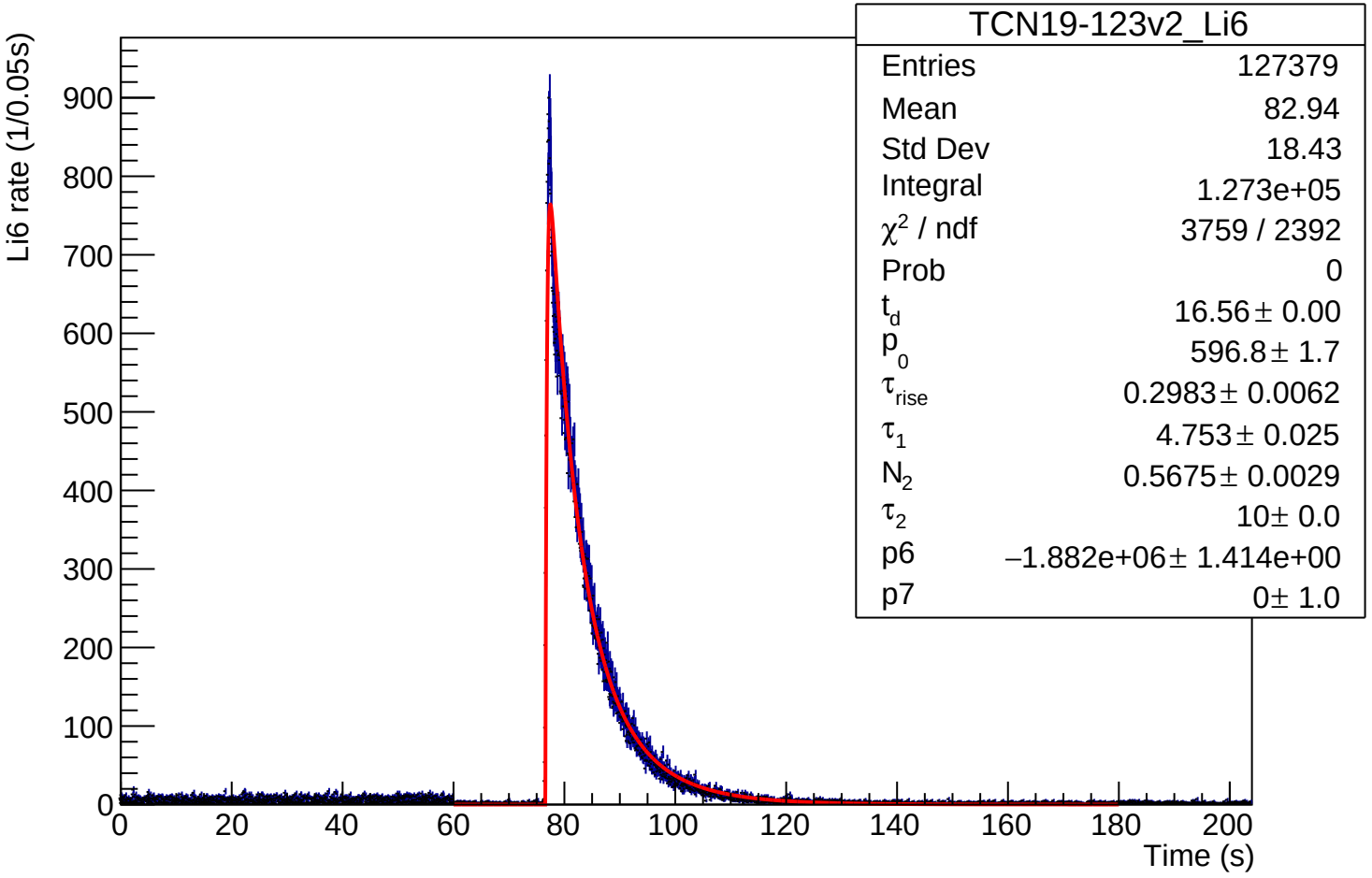
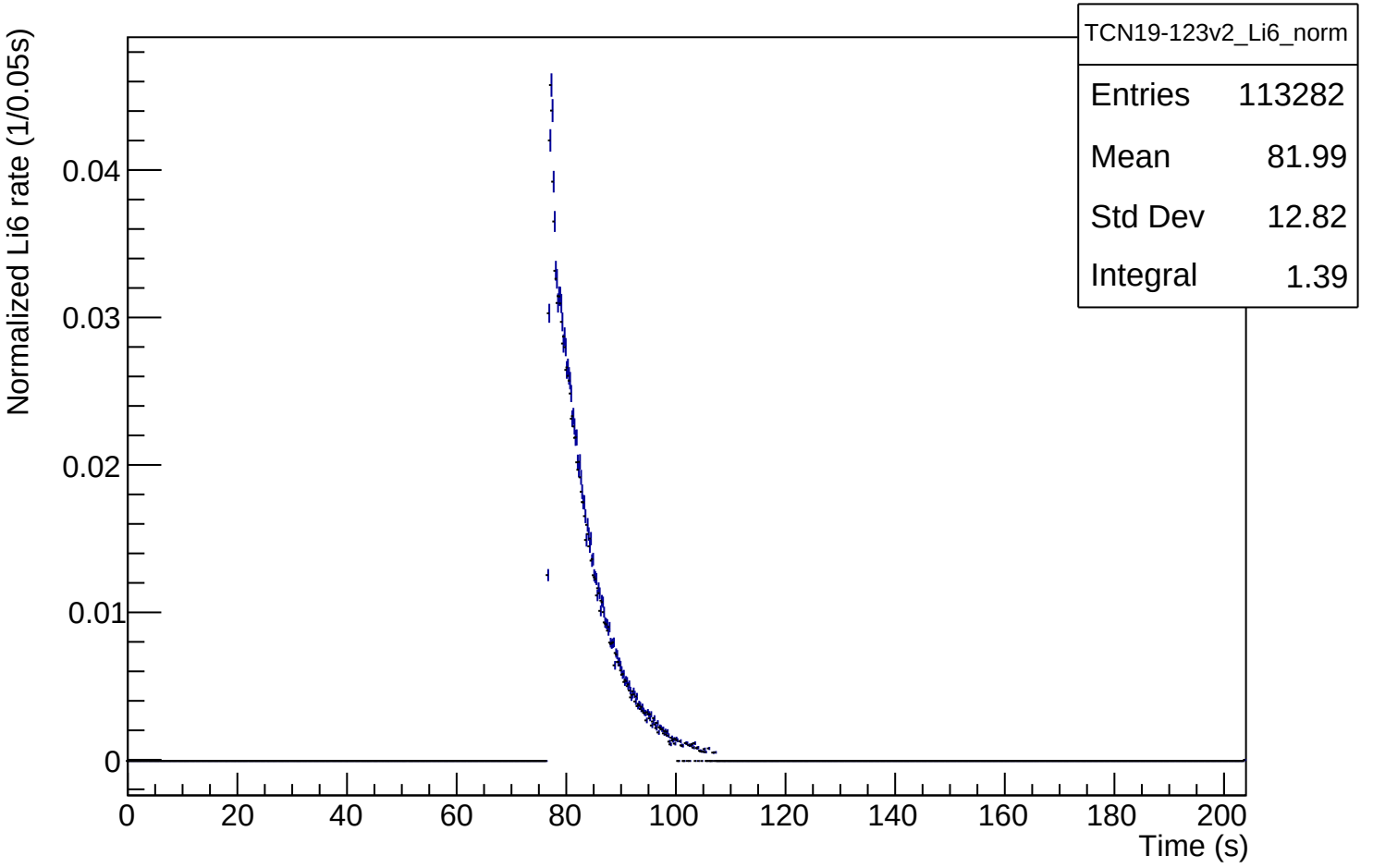

TCN19-123v2, transmission normalized during prestorage
χ² / ndf 12.73 / 20
Prob 0.8887
R̄ 1.542 ± 0.00726
UCN-count-to-monitor ratio
1.64
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
0
2
4
6
8
10
12
14
16
18
20
Cycle

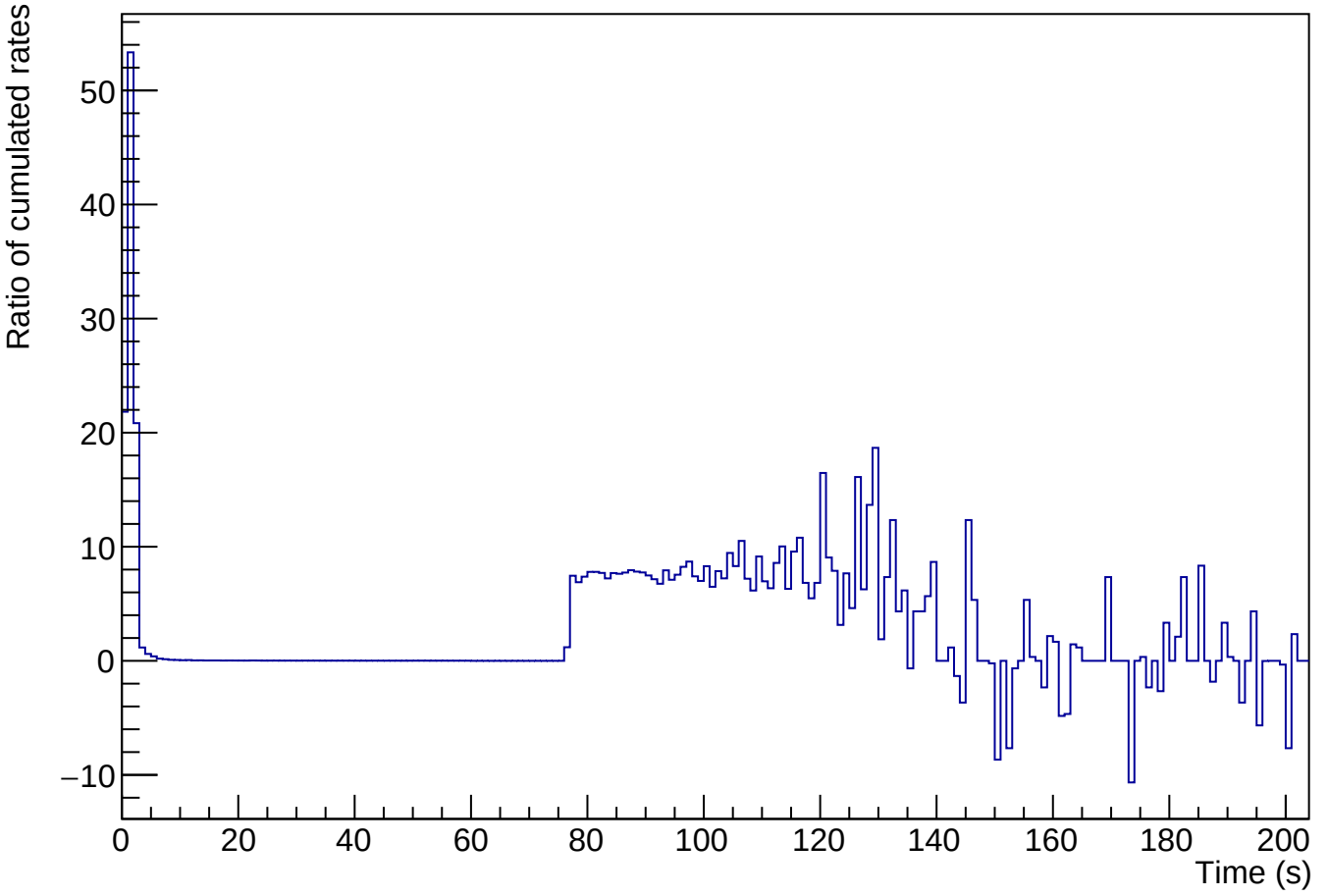

Graph
Vapor pressure (torr)
Temperature (K)
Cycle
0.14
0.135
0.13
0.125
0.12
0.115
0.11
0.105
0.1
1.015
1.01
1.005
1
0.995
0.99
0.985
0
2
4
6
8
10
12
14
16
18
20

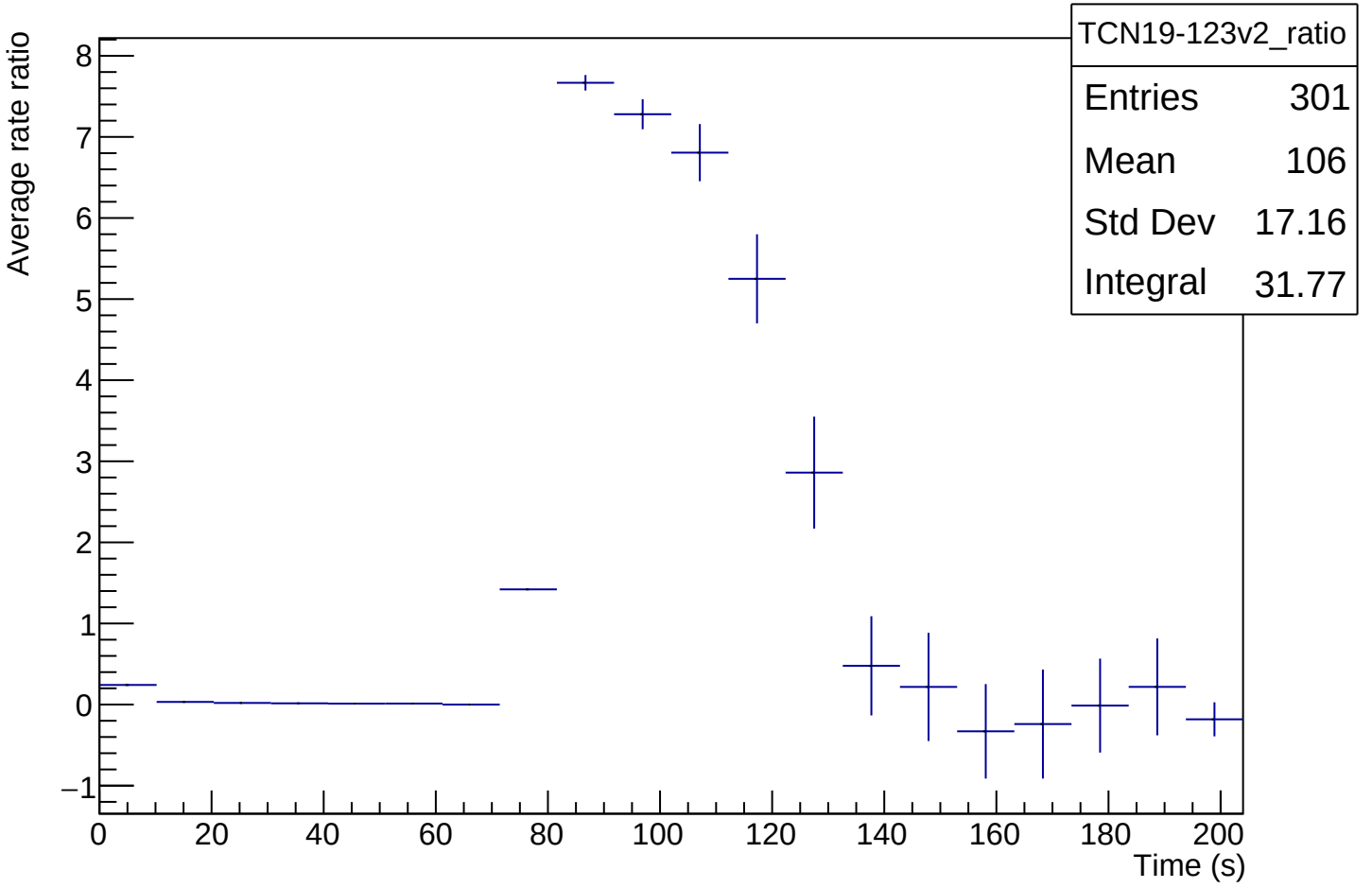

χ^2 / ndf 12.68 / 20
Prob 0.8908
p0 1.412 ± 0.07499
li6 background rate (1/s)
Cycle
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
0
2
4
6
8
10
12
14
16
18
20
22

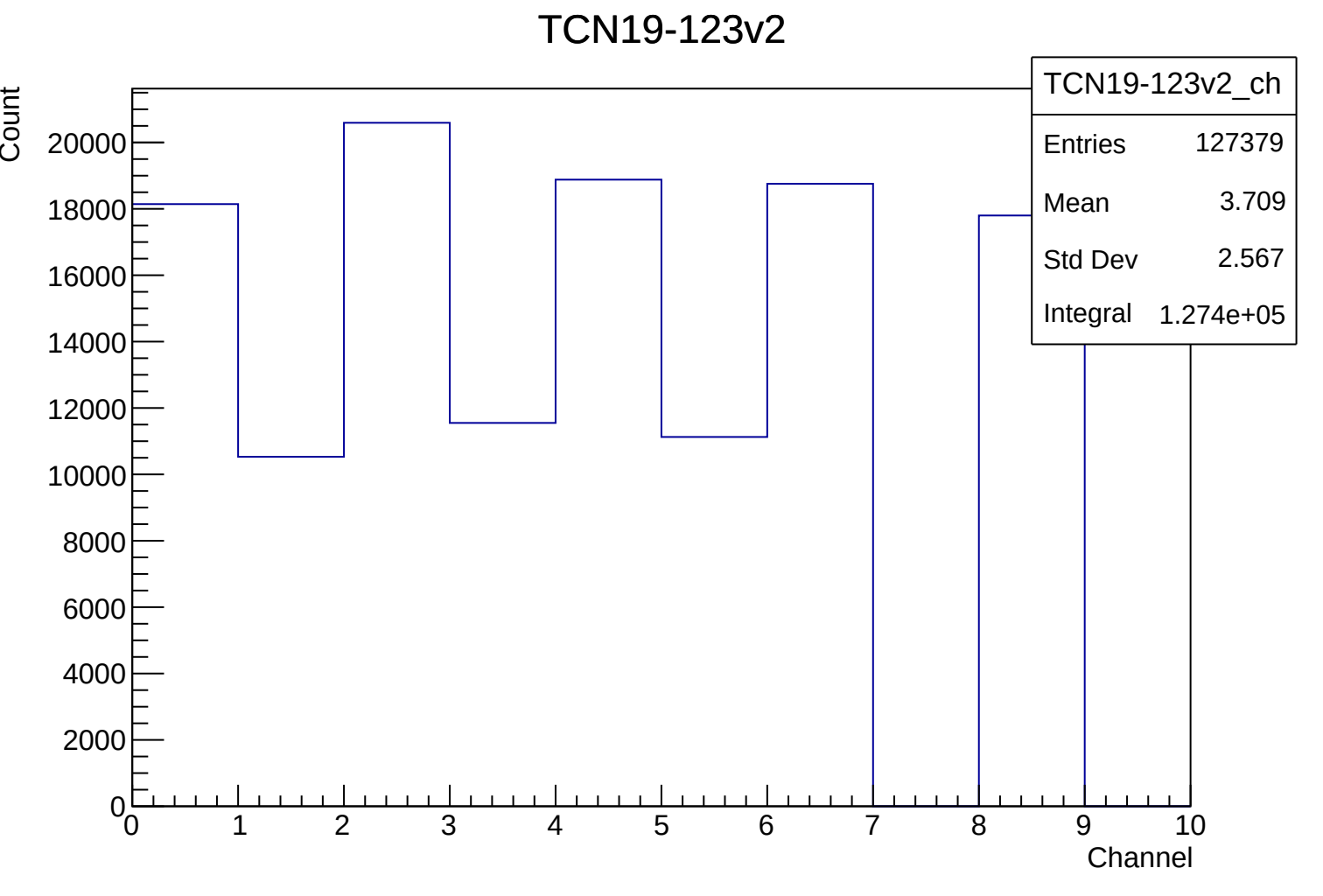

TCN19-123v2_He3
Entries 333322
Mean 48.46
Std Dev 18.41
Integral 3.333e+05
χ² / ndf 4.107 / 11
Prob 0.9667
p0 2.617e+05 ± 1.955e+04
τ 17 ± 0.3
He3 rate (1/s)
Time (s)
0
1000
2000
3000
4000
5000
6000
7000
0
20
40
60
80
100
120
140
160
180
200

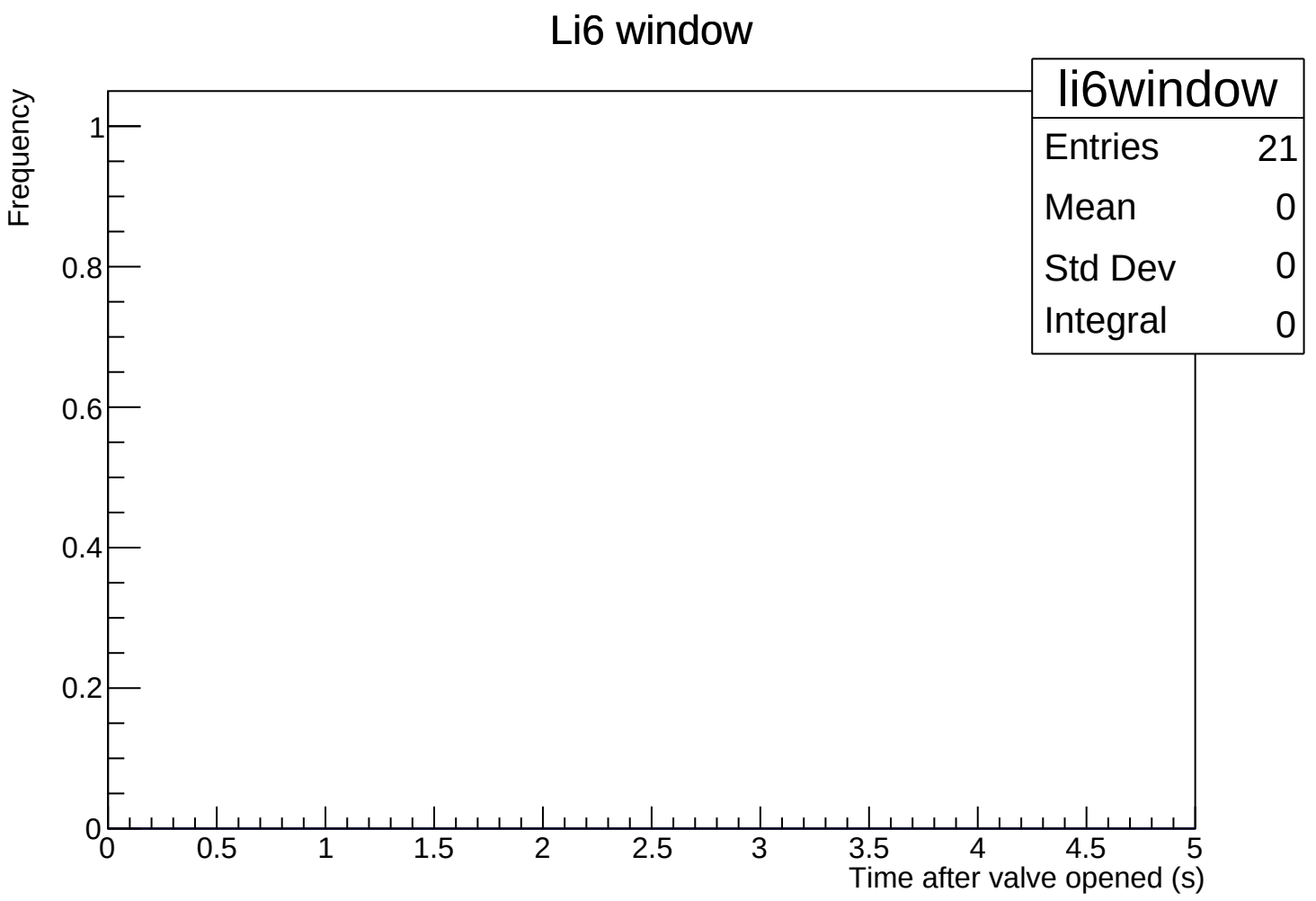

TCN19-123v2_Li6
Entries 127379
Mean 82.94
Std Dev 18.43
Integral 1.273e+05
χ² / ndf 3759 / 2392
Prob 0
t_d 16.56 ± 0.00
p_0 596.8 ± 1.7
τ_rise 0.2983 ± 0.0062
τ_1 4.753 ± 0.025
N_2 0.5675 ± 0.0029
τ_2 10 ± 0.0
p6 −1.882e+06 ± 1.414e+00
p7 0 ± 1.0
Li6 rate (1/0.05s)
Time (s)
0
100
200
300
400
500
600
700
800
900
0
20
40
60
80
100
120
140
160
180
200


TCN19-123v2_Li6_norm
Entries 113282
Mean 81.99
Std Dev 12.82
Integral 1.39
Normalized Li6 rate (1/0.05s)
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
50
40
30
20
10
0
−10
0
20
40
60
80
100
120
140
160
180
200
Time (s)


TCN19-123v2_ratio
Entries 301
Mean 106
Std Dev 17.16
Integral 31.77
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


TCN19-123v2
TCN19-123v2_ch
Entries 127379
Mean 3.709
Std Dev 2.567
Integral 1.274e+05
Count
Channel
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
0
1
2
3
4
5
6
7
8
9
10


Li6 window
li6window
Entries 21
Mean 0
Std Dev 0
Integral 0
Frequency
0
0.2
0.4
0.6
0.8
1
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Time after valve opened (s)