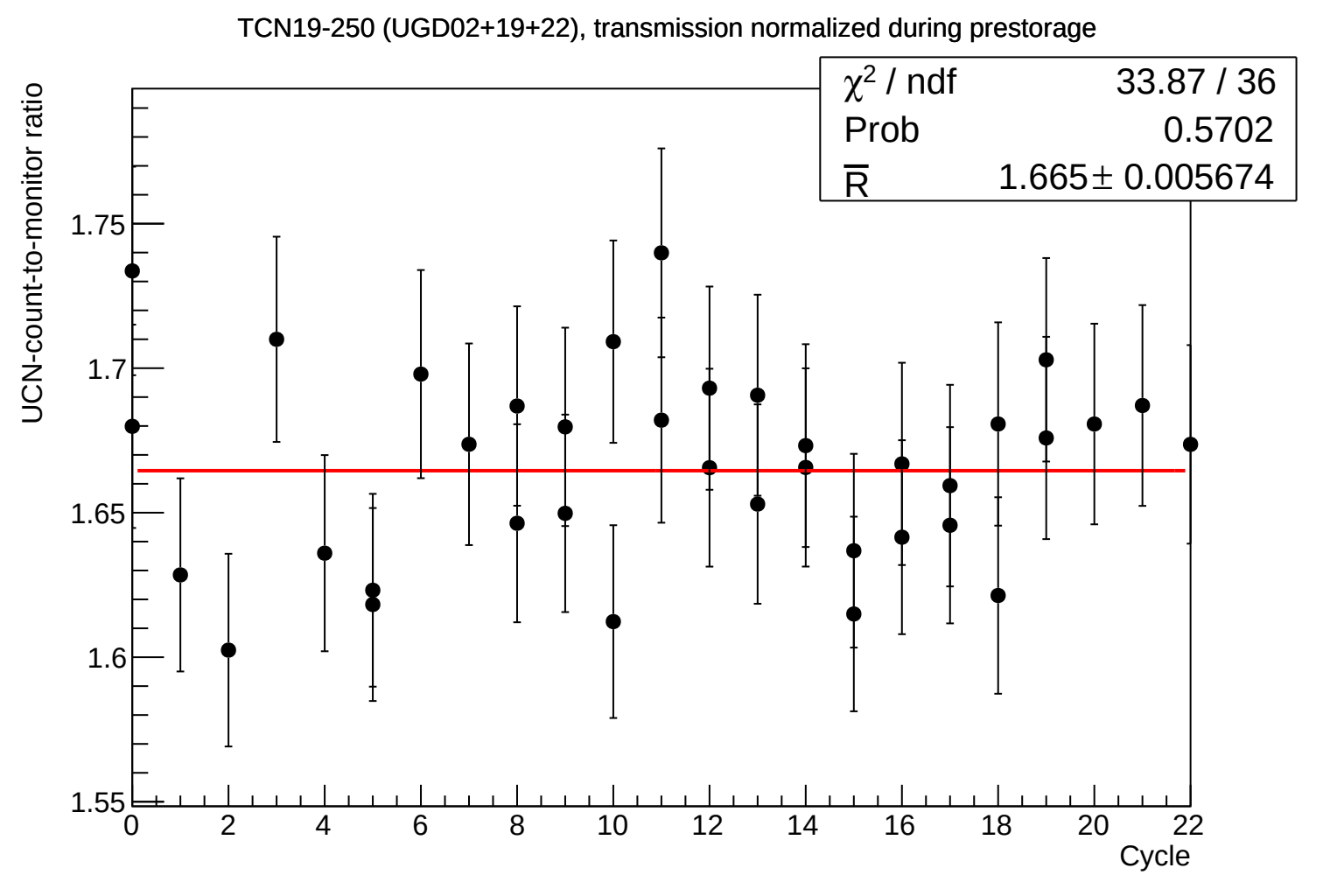
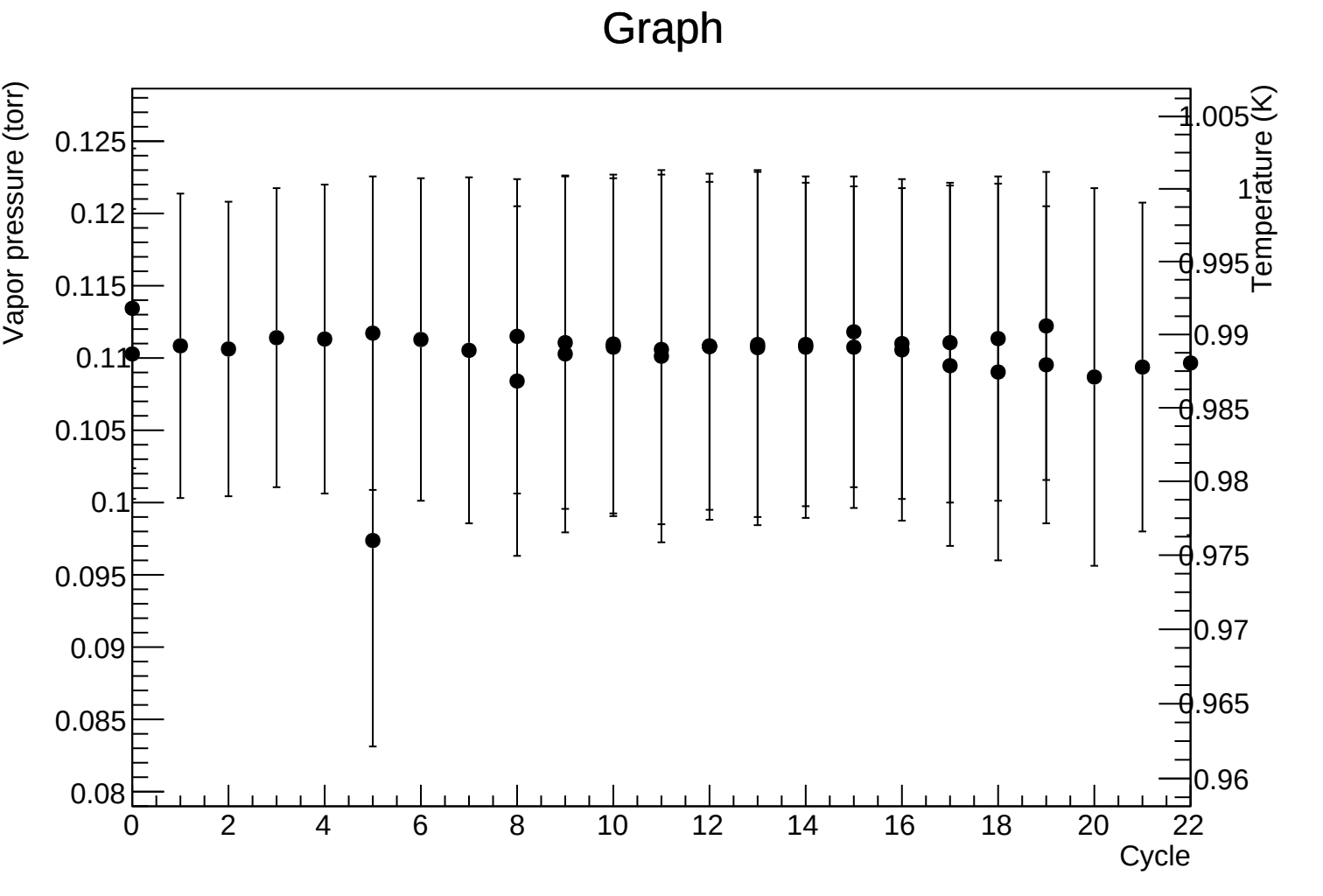
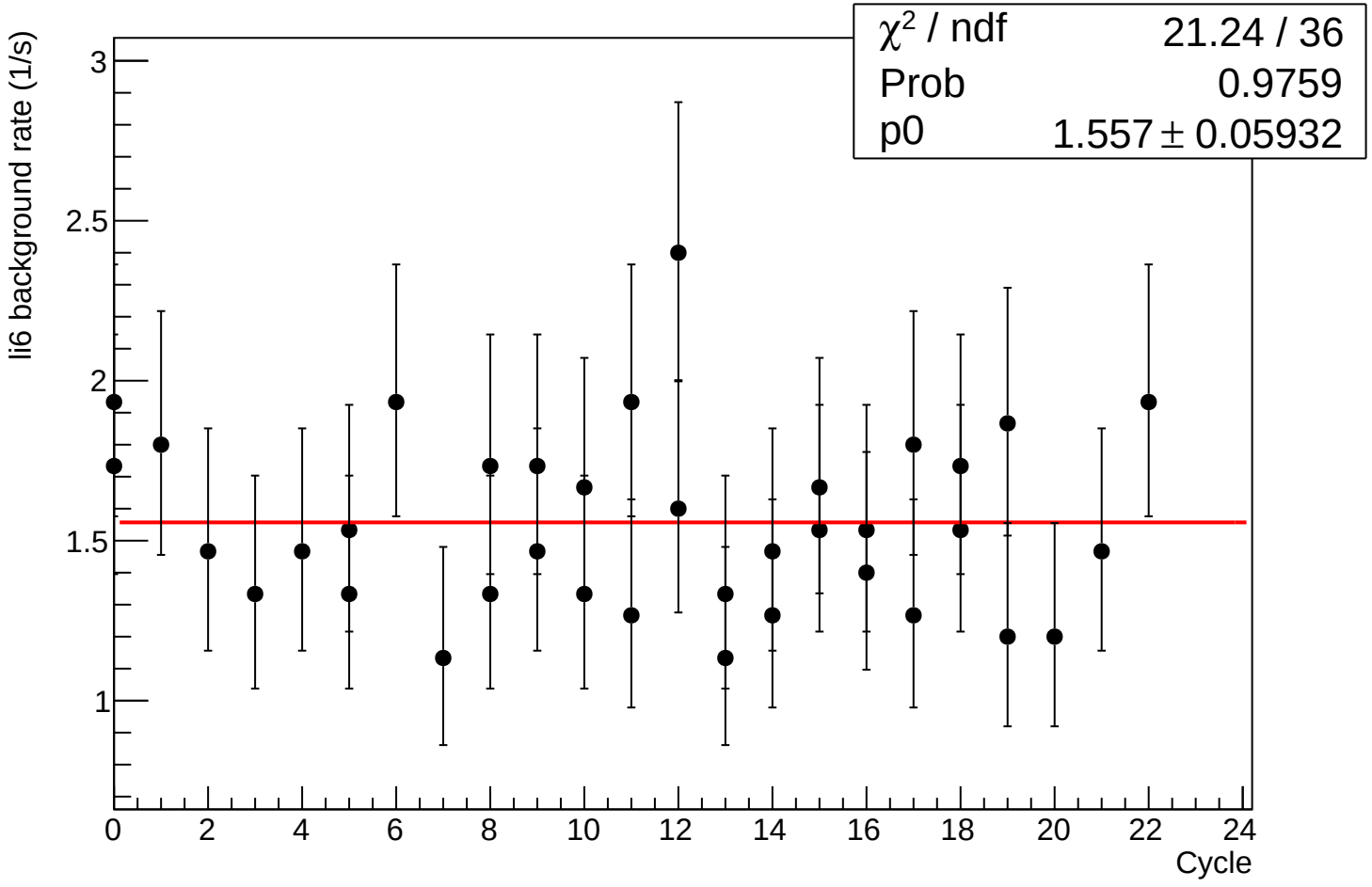
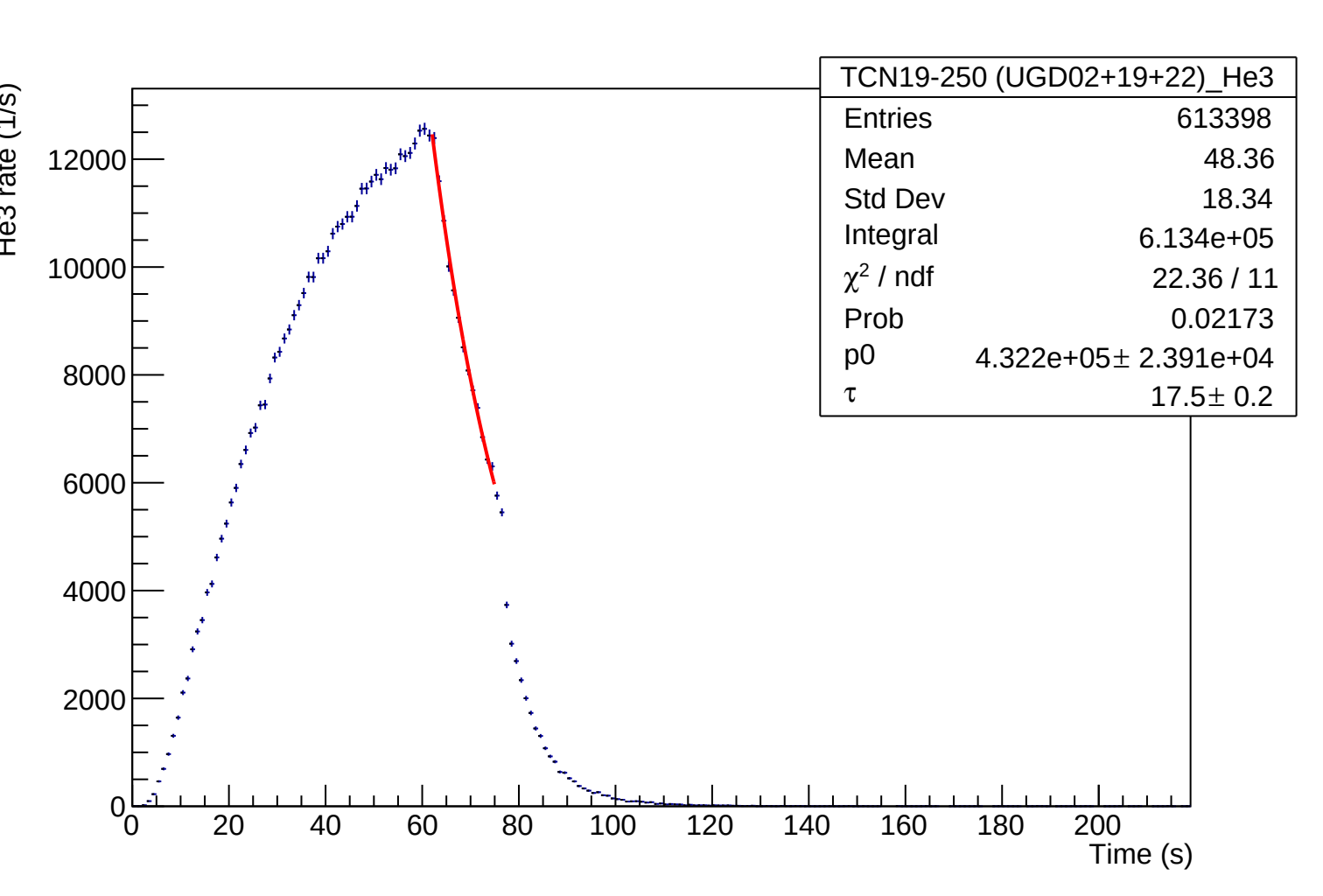
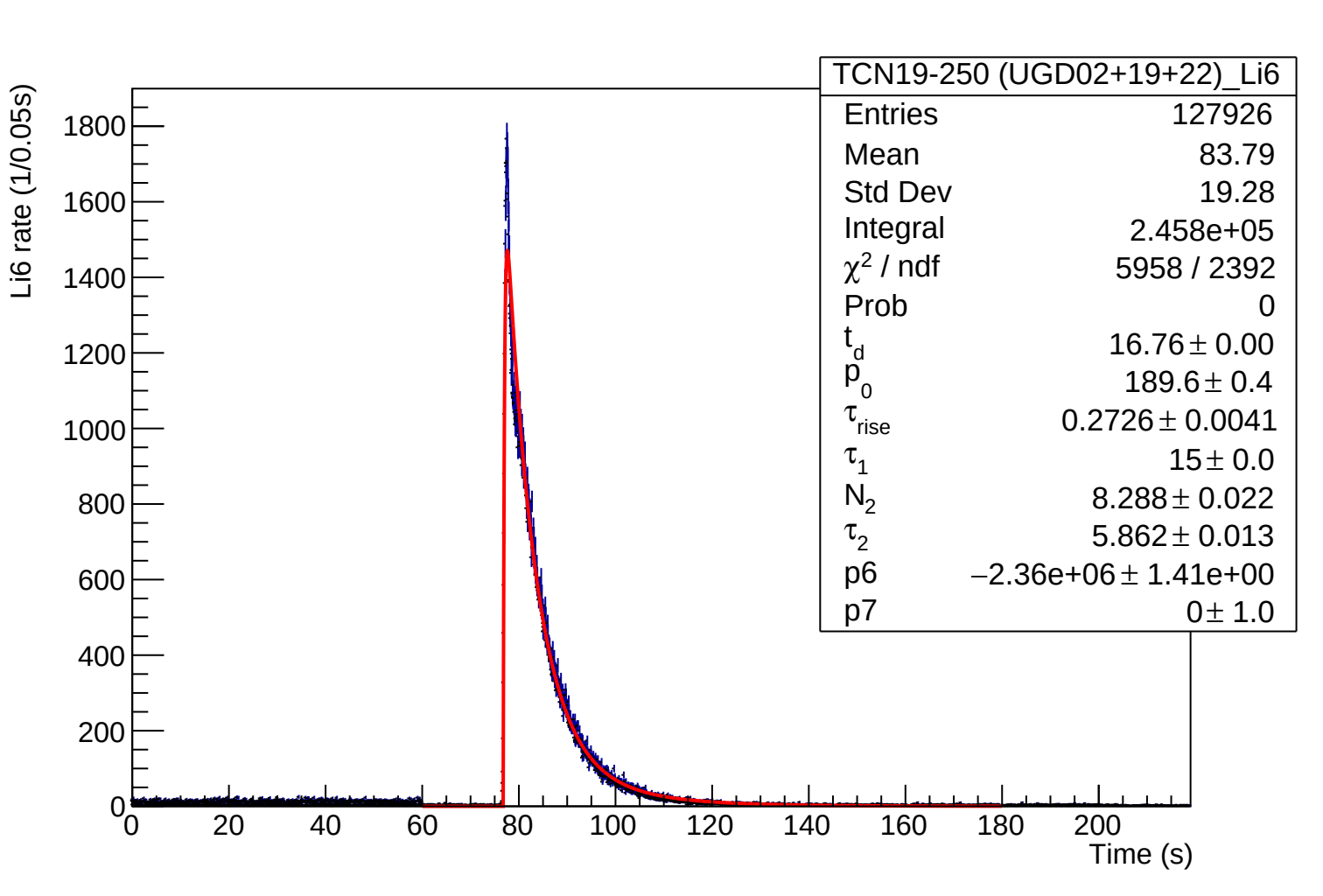
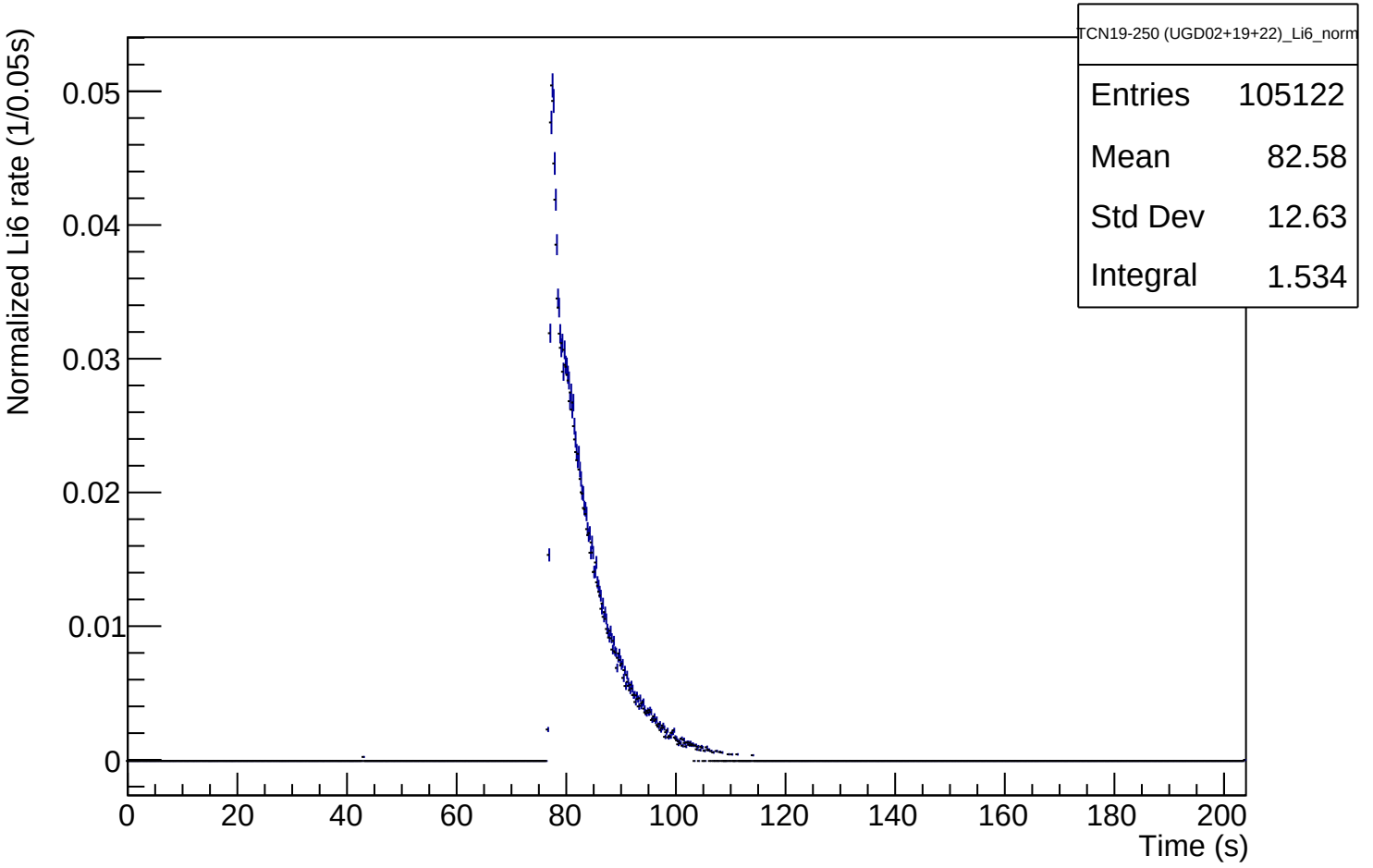

TCN19-250 (UGD02+19+22), transmission normalized during prestorage
χ^2 / ndf 33.87 / 36
Prob 0.5702
$\overline{R}$ 1.665 ± 0.005674
UCN-count-to-monitor ratio
1.75
1.7
1.65
1.6
1.55
0
2
4
6
8
10
12
14
16
18
20
22
Cycle

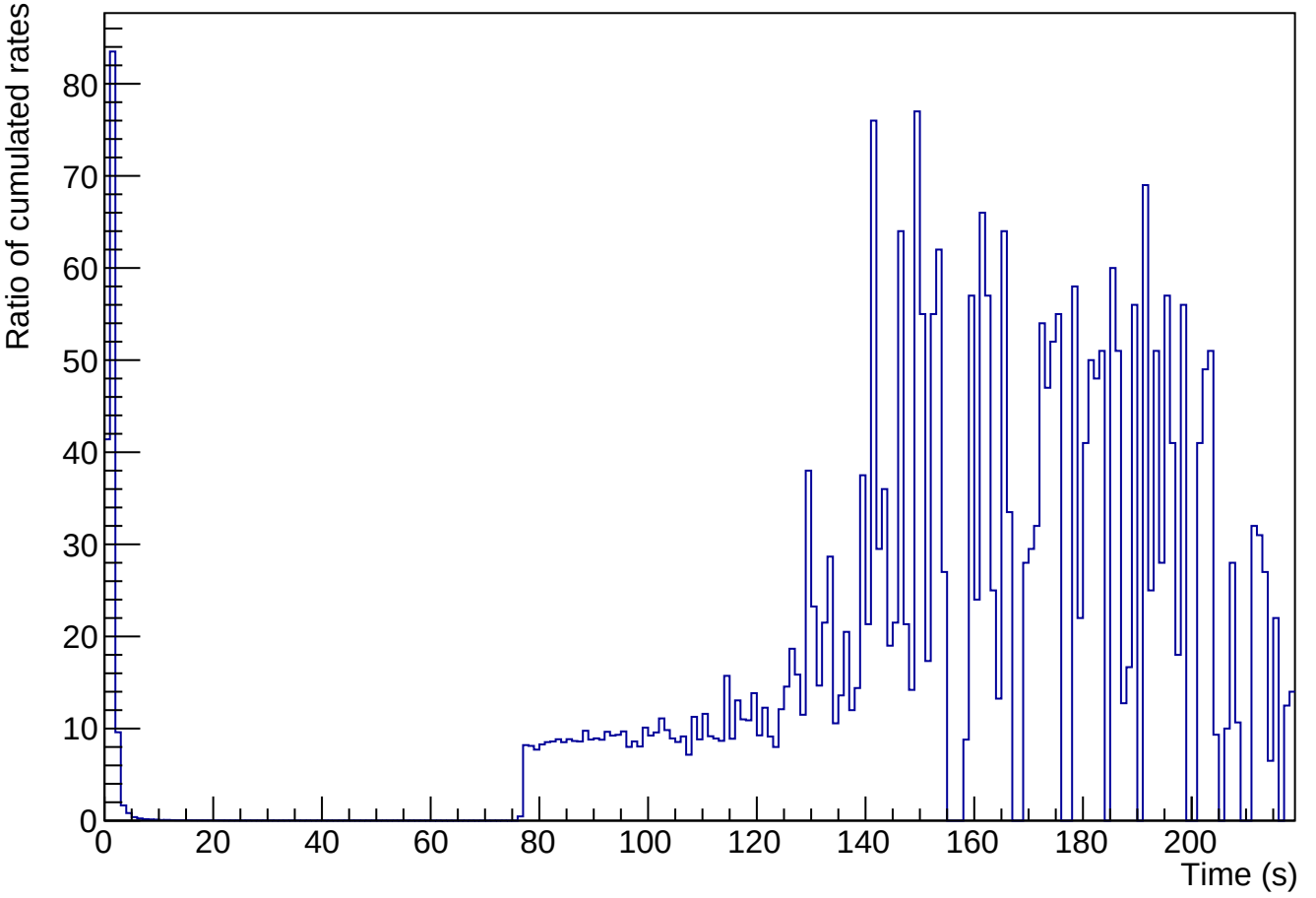

Graph
Vapor pressure (torr)
Temperature (K)
Cycle
0.125
0.12
0.115
0.11
0.105
0.1
0.095
0.09
0.085
0.08
1.005
1
0.995
0.99
0.985
0.98
0.975
0.97
0.965
0.96
0
2
4
6
8
10
12
14
16
18
20
22

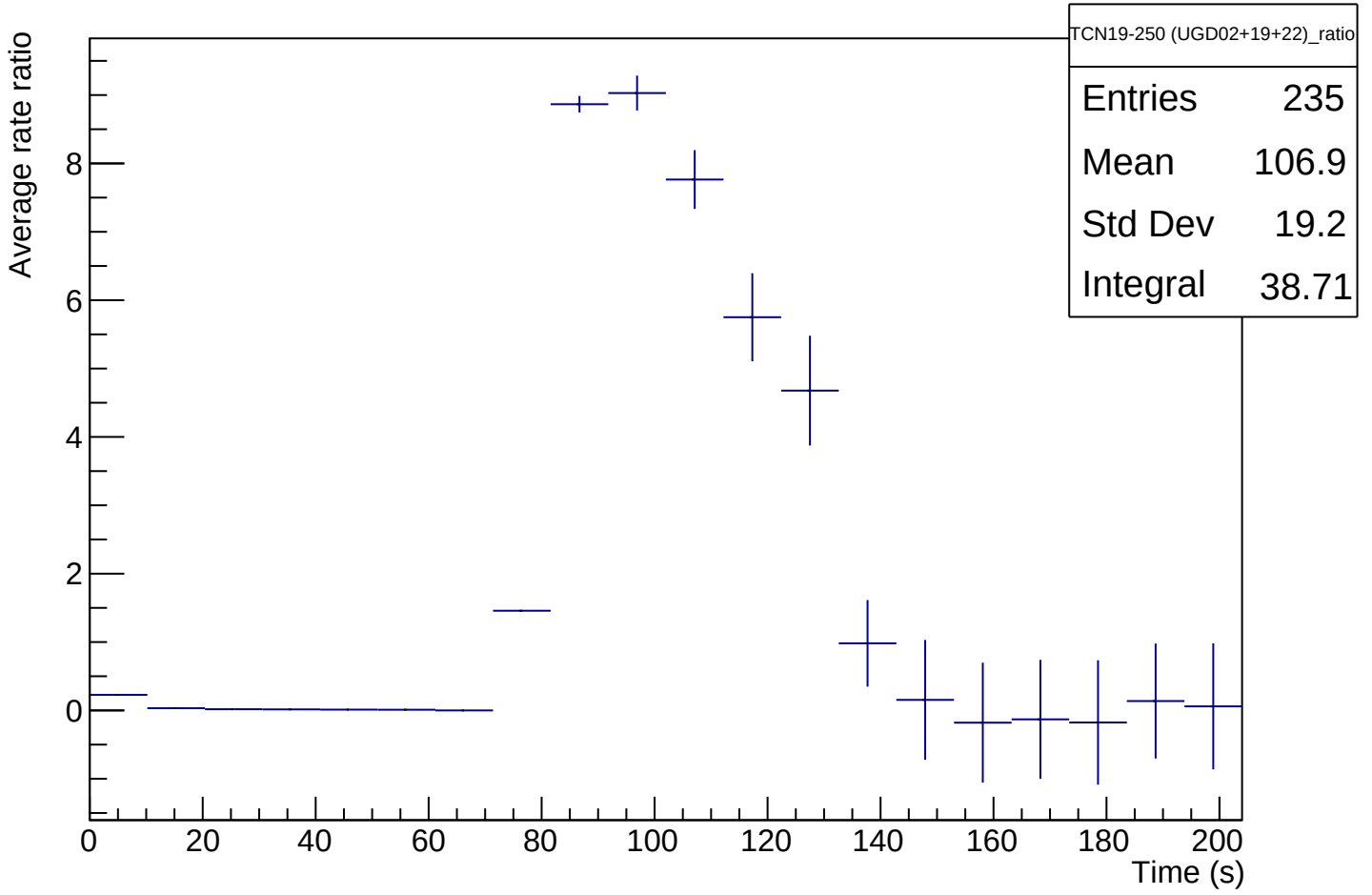

χ^2 / ndf 21.24 / 36
Prob 0.9759
p0 1.557 ± 0.05932
li6 background rate (1/s)
Cycle
0
2
4
6
8
10
12
14
16
18
20
22
24
1
1.5
2
2.5
3

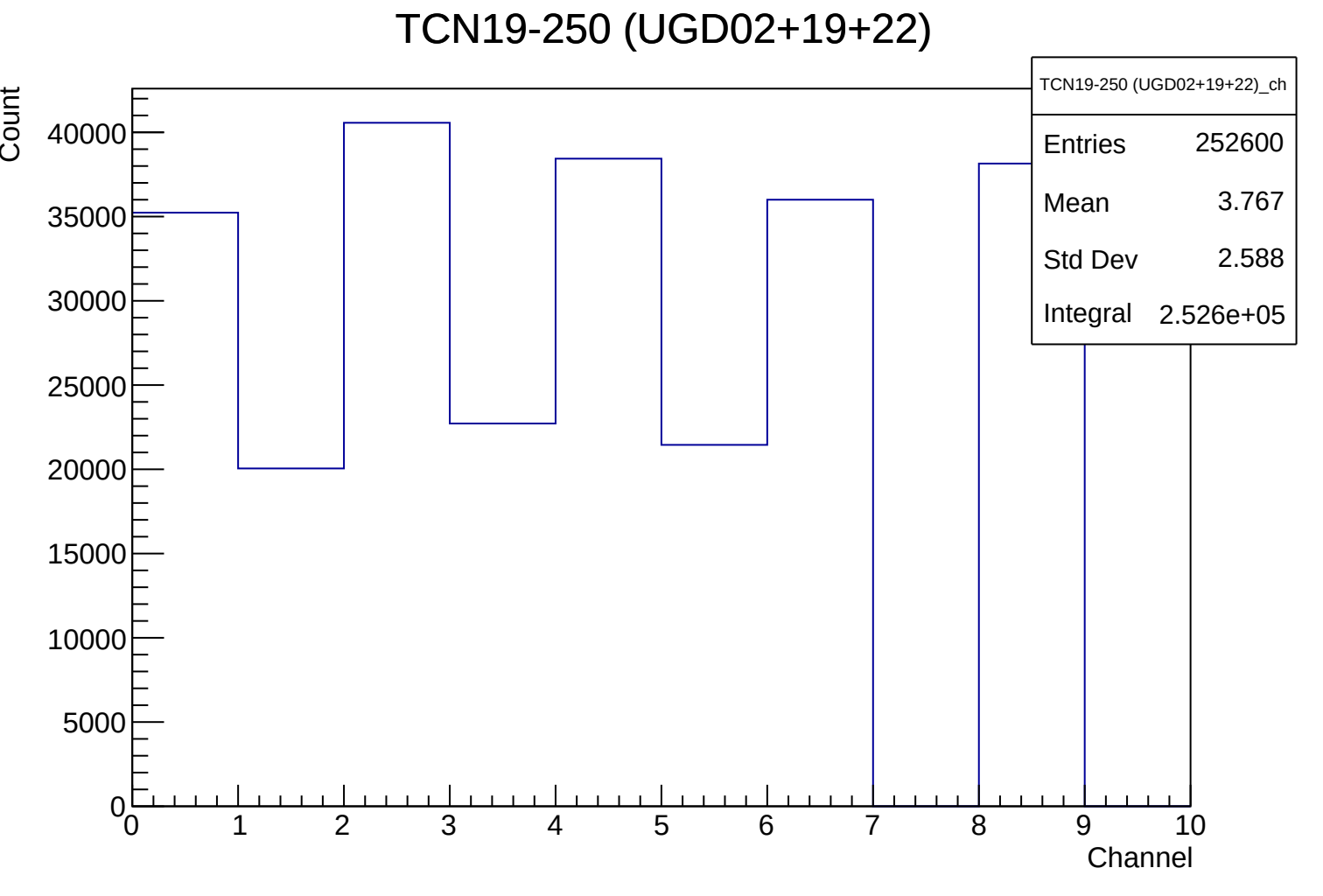

TCN19-250 (UGD02+19+22)_He3
Entries 613398
Mean 48.36
Std Dev 18.34
Integral 6.134e+05
χ² / ndf 22.36 / 11
Prob 0.02173
p0 4.322e+05± 2.391e+04
τ 17.5± 0.2
He3 rate (1/s)
Time (s)
0
2000
4000
6000
8000
10000
12000
0
20
40
60
80
100
120
140
160
180
200

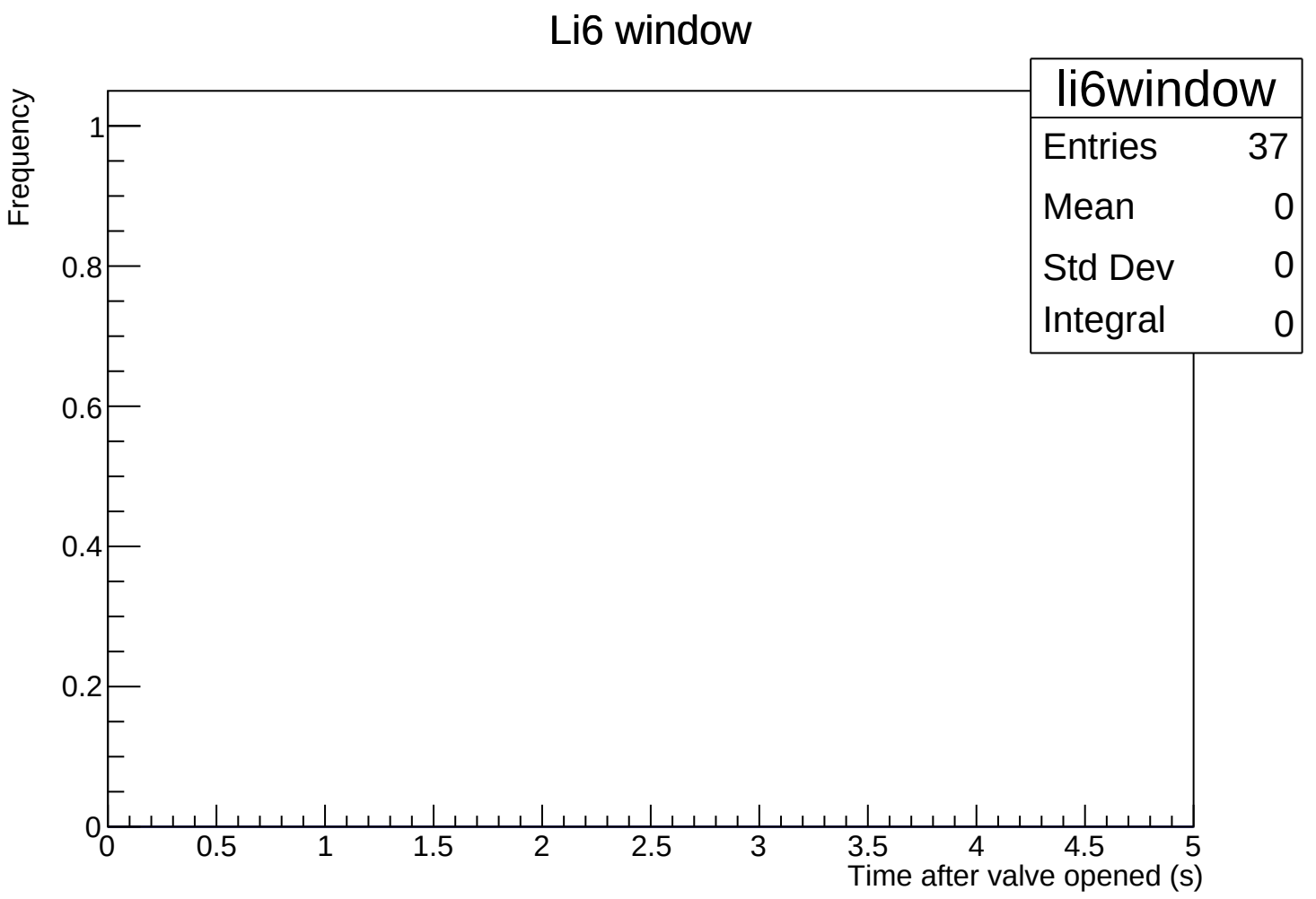

TCN19-250 (UGD02+19+22)_Li6
Entries 127926
Mean 83.79
Std Dev 19.28
Integral 2.458e+05
χ² / ndf 5958 / 2392
Prob 0
t_d 16.76 ± 0.00
p_0 189.6 ± 0.4
τ_rise 0.2726 ± 0.0041
τ_1 15 ± 0.0
N_2 8.288 ± 0.022
τ_2 5.862 ± 0.013
p6 −2.36e+06 ± 1.41e+00
p7 0 ± 1.0
Li6 rate (1/0.05s)
Time (s)
0
200
400
600
800
1000
1200
1400
1600
1800
0
20
40
60
80
100
120
140
160
180
200


TCN19-250 (UGD02+19+22)_Li6_norm
Entries 105122
Mean 82.58
Std Dev 12.63
Integral 1.534
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
0
10
20
30
40
50
60
70
80
0
20
40
60
80
100
120
140
160
180
200
Time (s)


TCN19-250 (UGD02+19+22)_ratio
Entries 235
Mean 106.9
Std Dev 19.2
Integral 38.71
Average rate ratio
Time (s)
0
2
4
6
8
0
20
40
60
80
100
120
140
160
180
200


TCN19-250 (UGD02+19+22)
TCN19-250 (UGD02+19+22)_ch
Entries 252600
Mean 3.767
Std Dev 2.588
Integral 2.526e+05
Count
Channel
0
5000
10000
15000
20000
25000
30000
35000
40000
0
1
2
3
4
5
6
7
8
9
10


Li6 window
li6window
Entries 37
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)