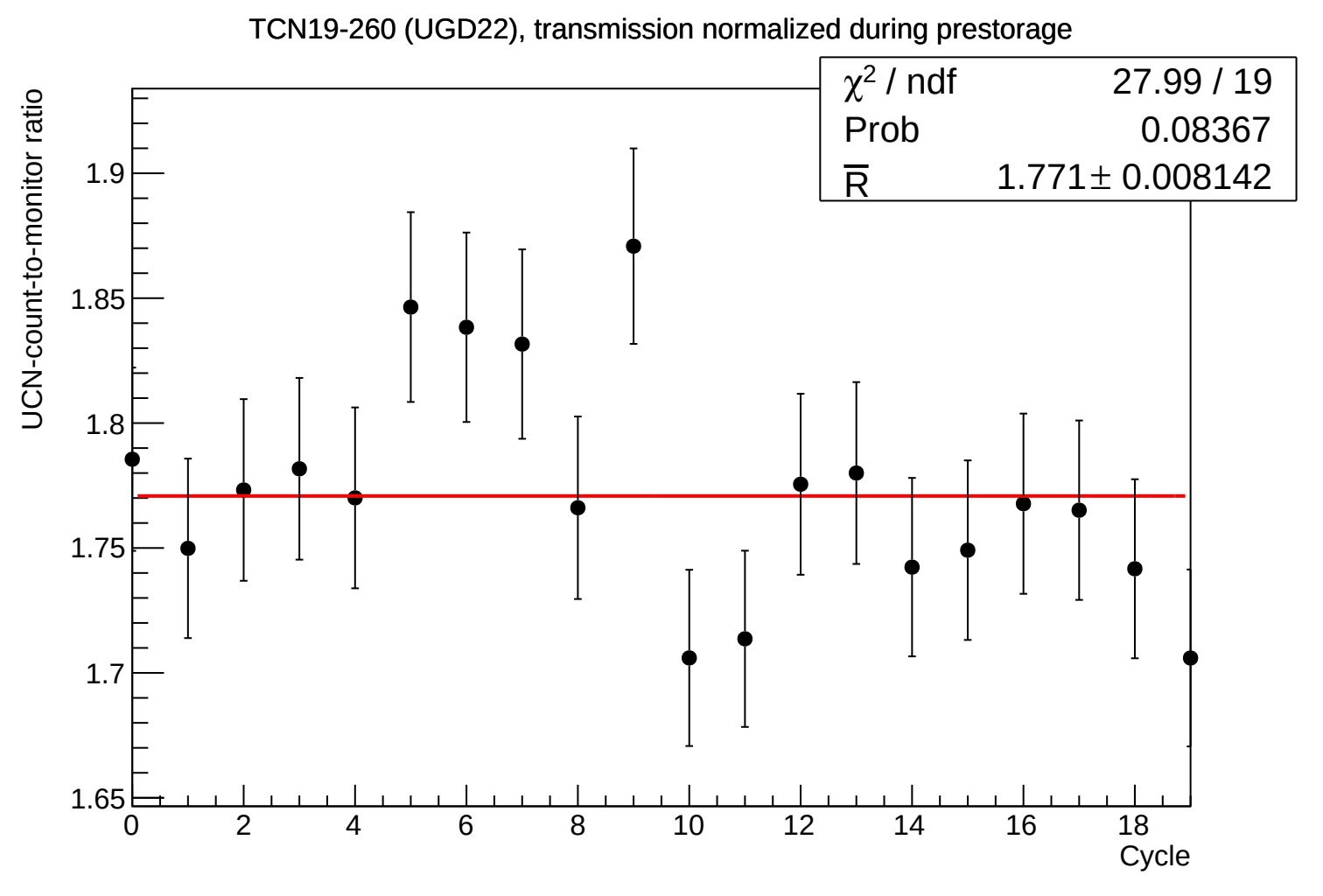
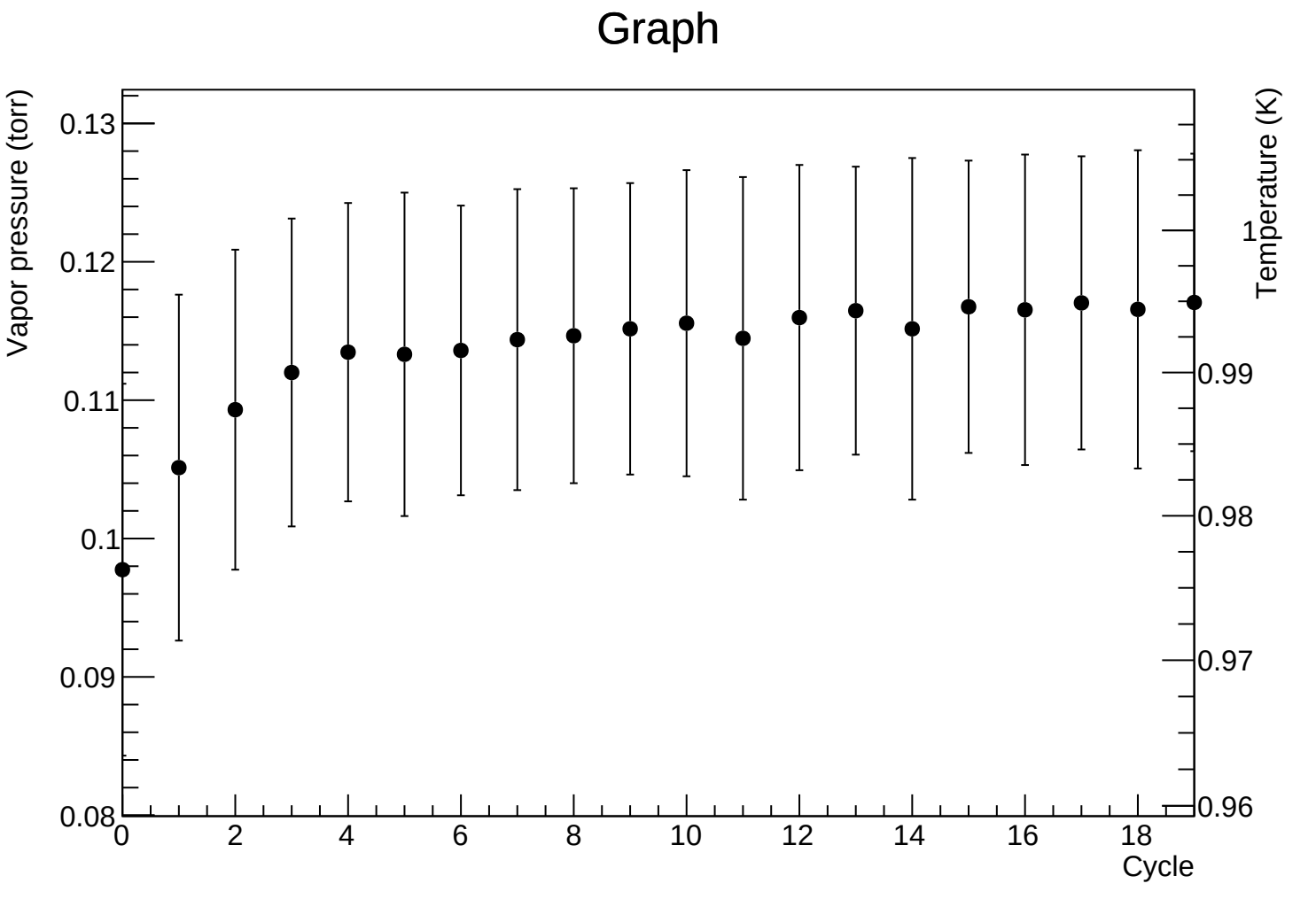
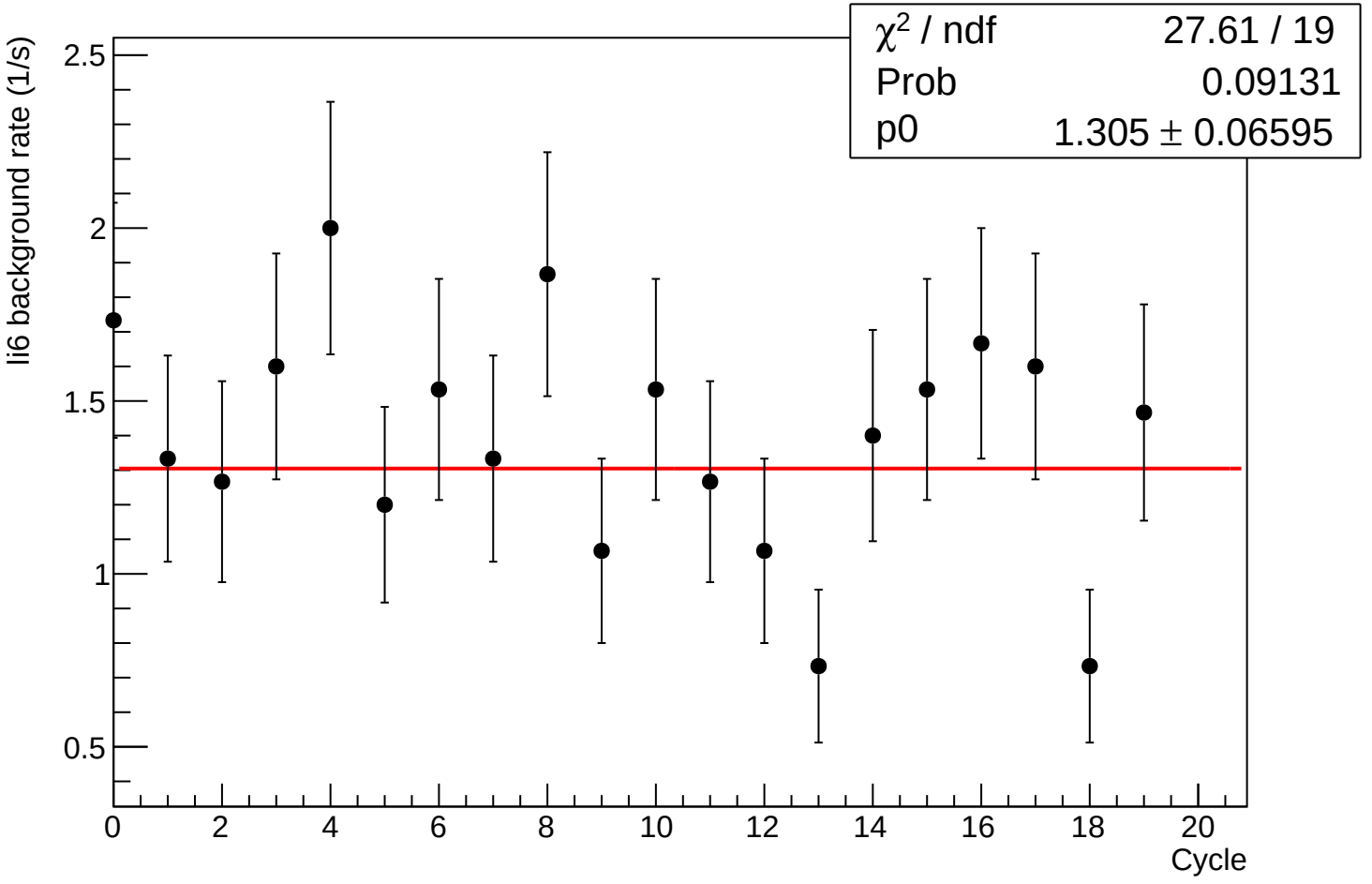
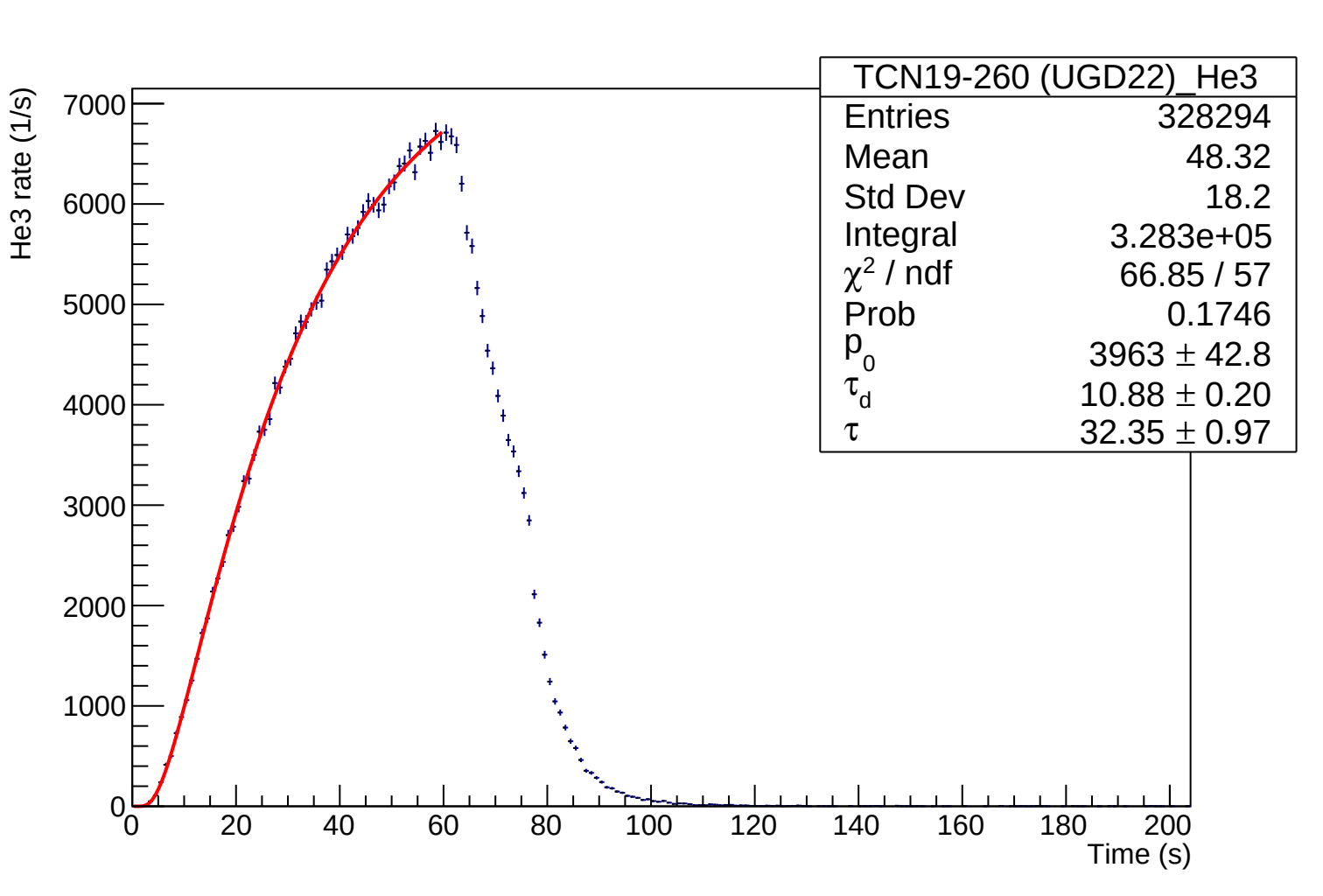
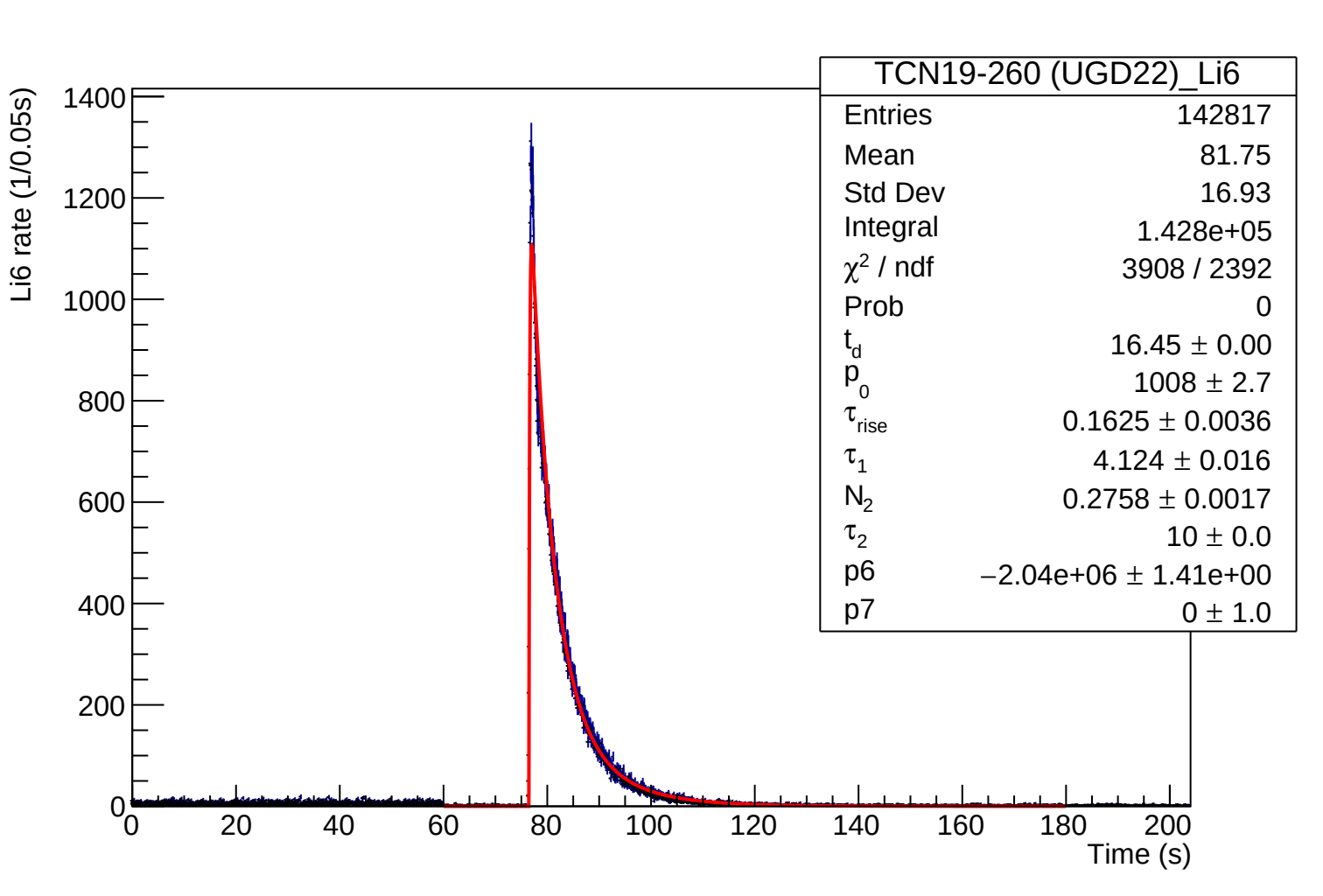
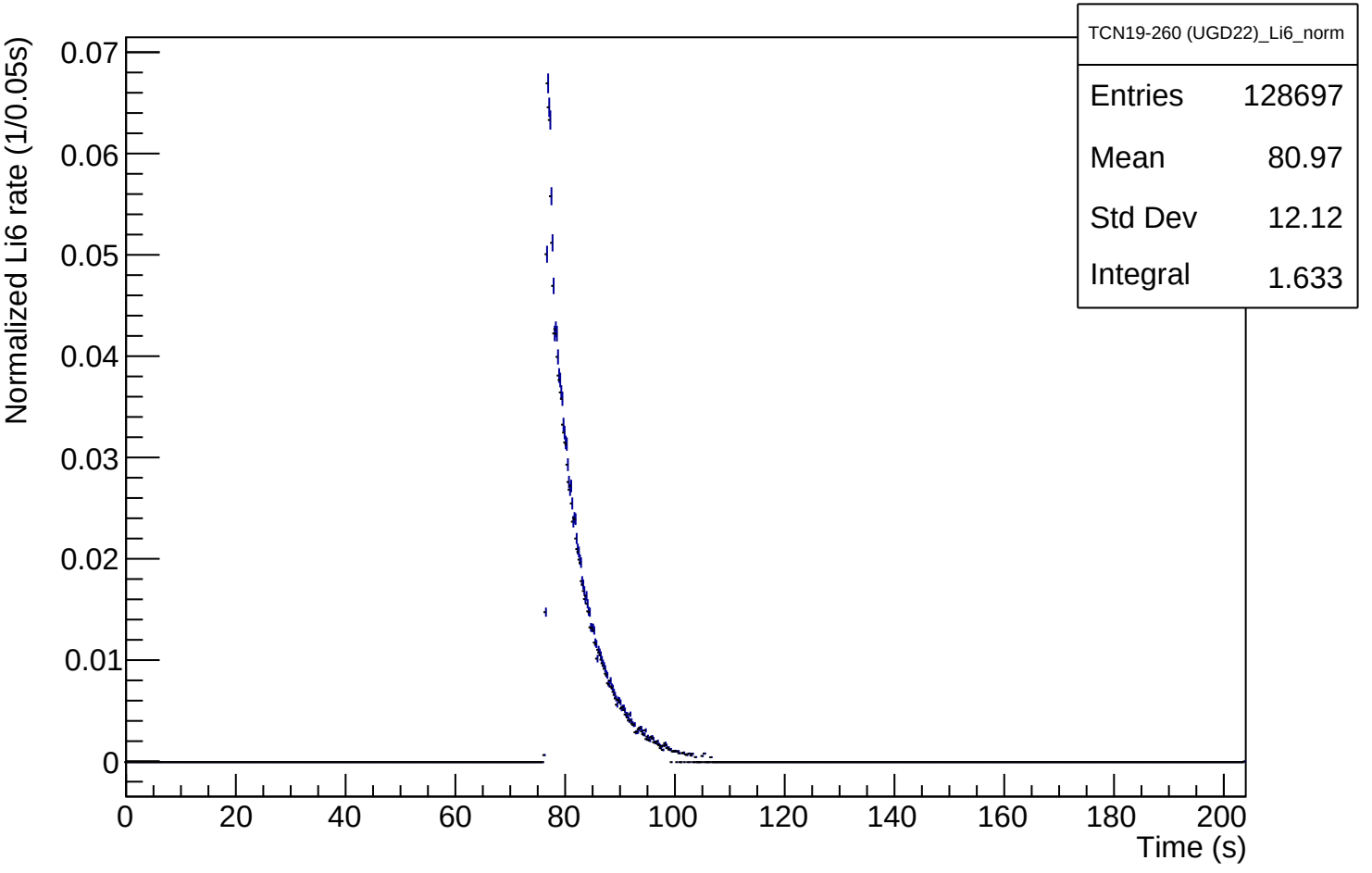

TCN19-260 (UGD22), transmission normalized during prestorage
χ^2 / ndf 27.99 / 19
Prob 0.08367
$\overline{R}$ 1.771 ± 0.008142
UCN-count-to-monitor ratio
1.9
1.85
1.8
1.75
1.7
1.65
0
2
4
6
8
10
12
14
16
18
Cycle

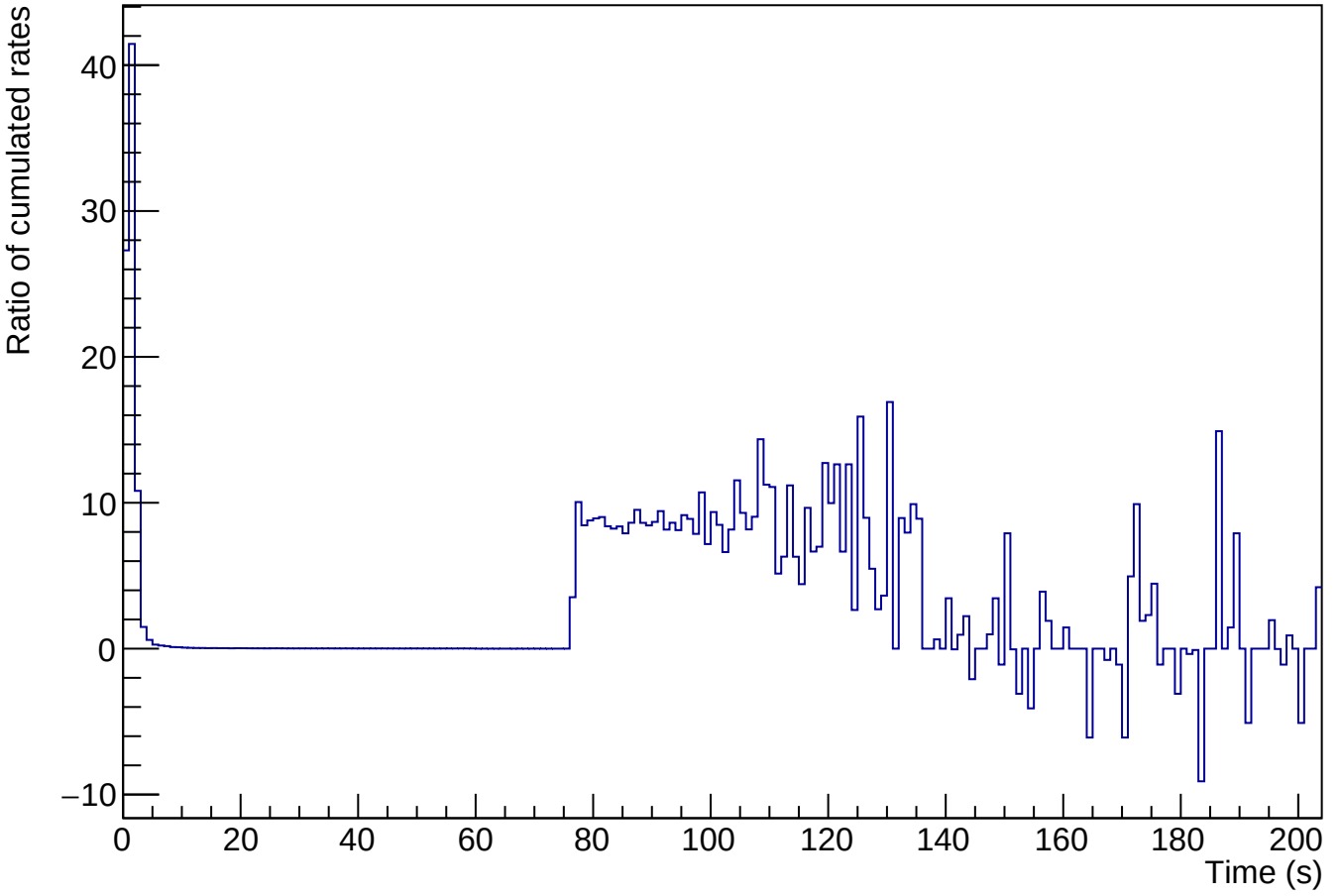

Graph
Vapor pressure (torr)
0.13
0.12
0.11
0.1
0.09
0.08
Temperature (K)
1
0.99
0.98
0.97
0.96
0
2
4
6
8
10
12
14
16
18
Cycle

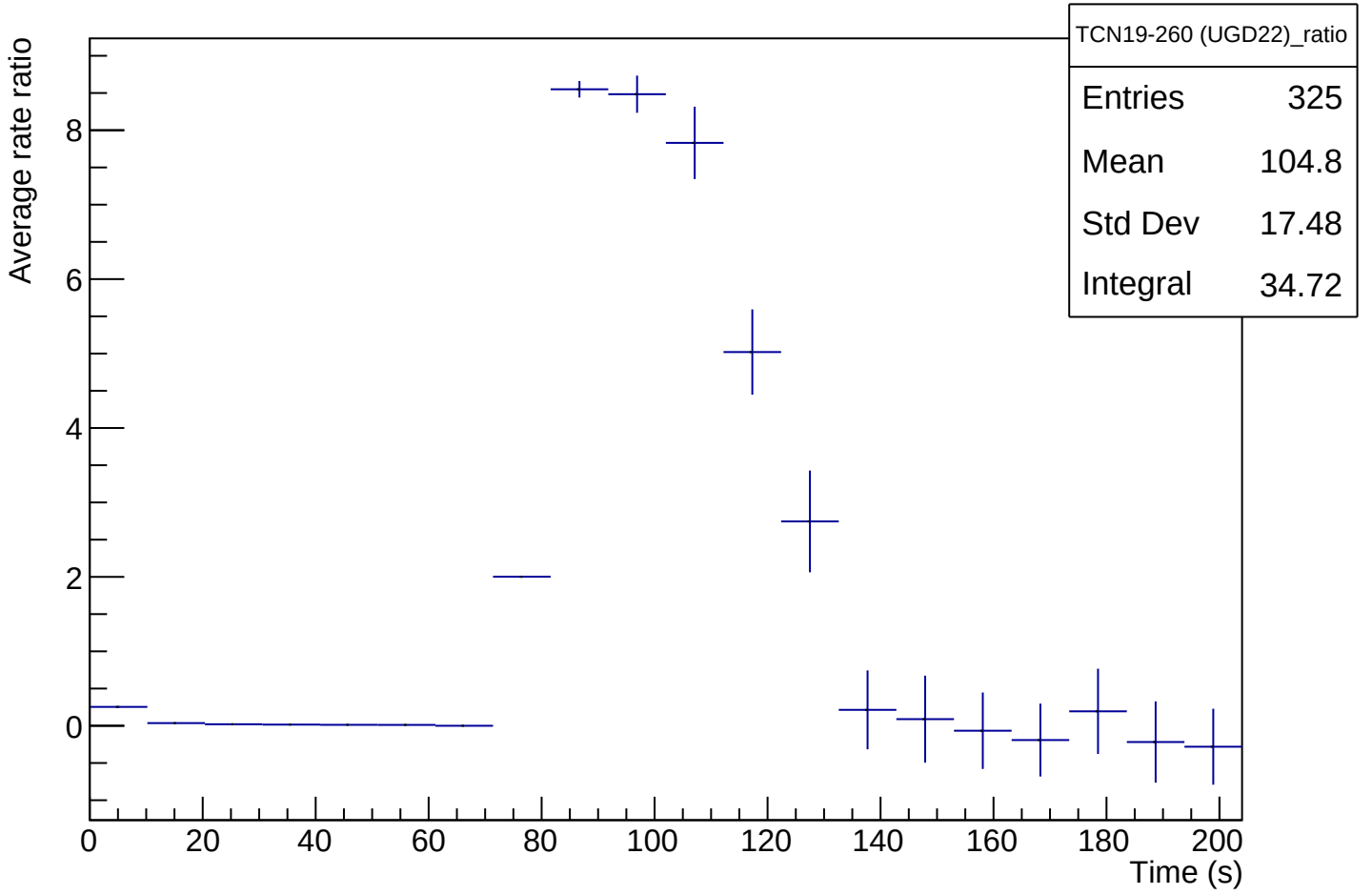

χ^2 / ndf 27.61 / 19
Prob 0.09131
p0 1.305 ± 0.06595
li6 background rate (1/s)
2.5
2
1.5
1
0.5
0
2
4
6
8
10
12
14
16
18
20
Cycle

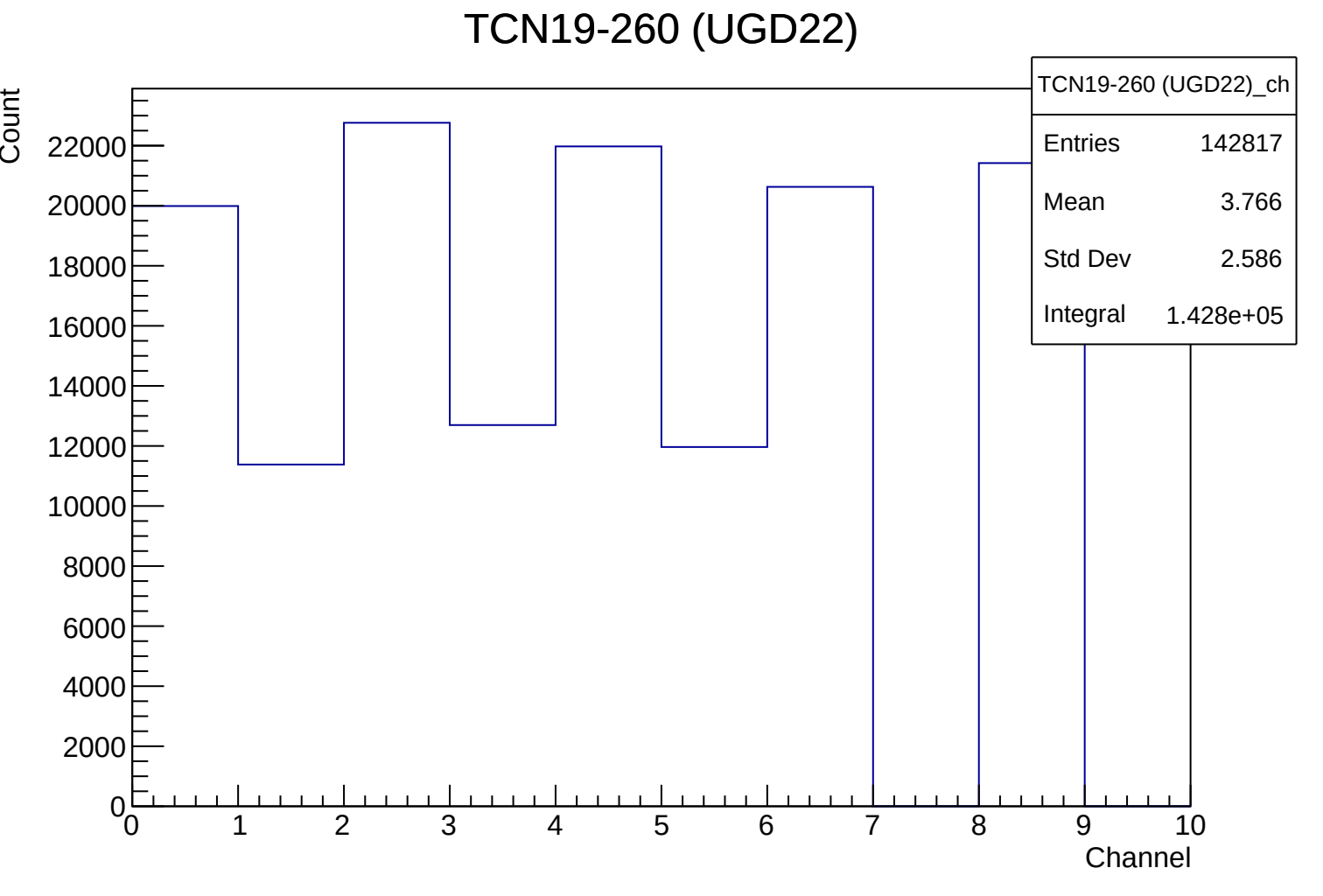

TCN19-260 (UGD22)_He3
Entries 328294
Mean 48.32
Std Dev 18.2
Integral 3.283e+05
χ² / ndf 66.85 / 57
Prob 0.1746
p0 3963 ± 42.8
τd 10.88 ± 0.20
τ 32.35 ± 0.97
He3 rate (1/s)
Time (s)
0
1000
2000
3000
4000
5000
6000
7000
0
20
40
60
80
100
120
140
160
180
200

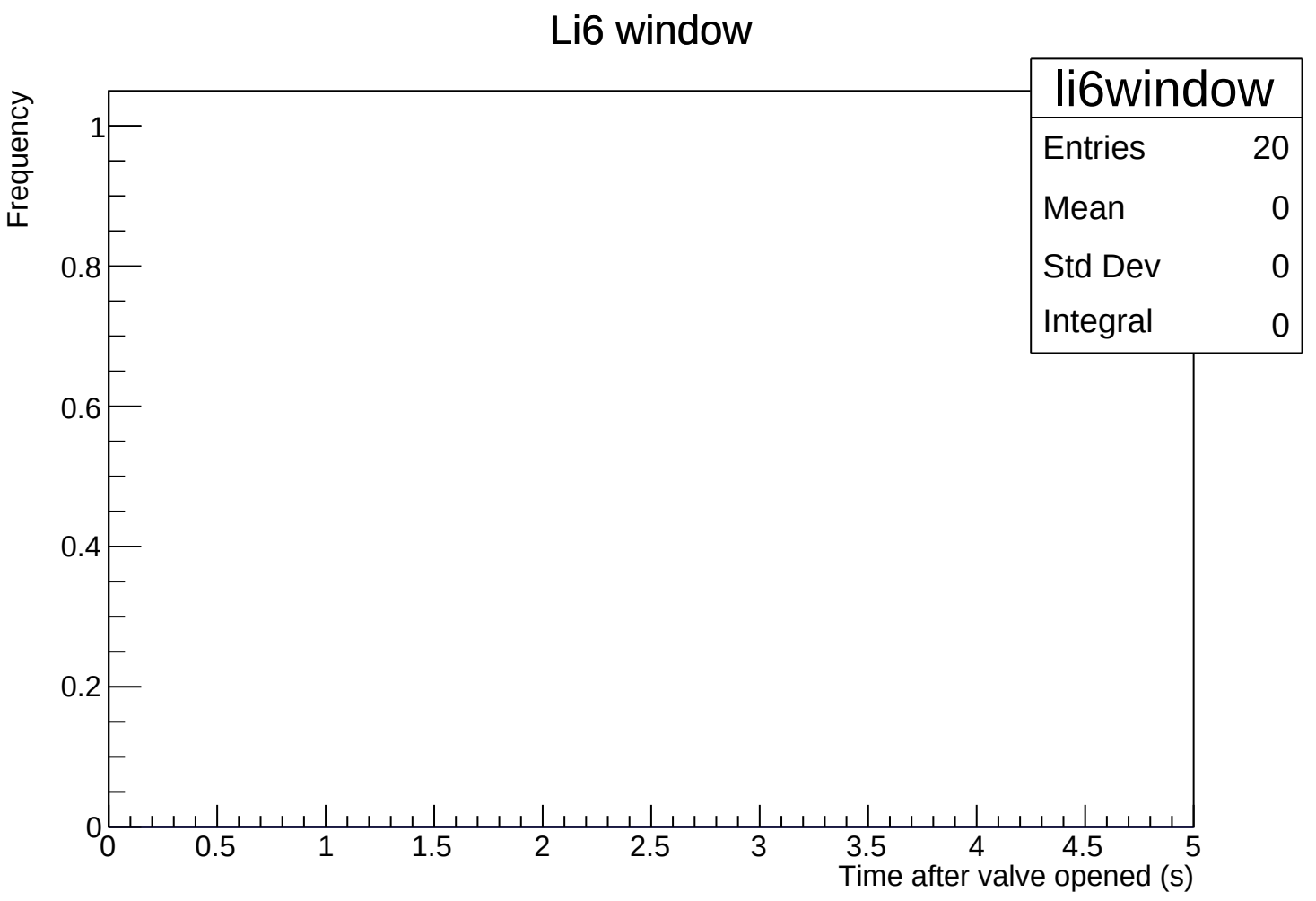

TCN19-260 (UGD22)_Li6
Entries 142817
Mean 81.75
Std Dev 16.93
Integral 1.428e+05
χ² / ndf 3908 / 2392
Prob 0
t_d 16.45 ± 0.00
p_0 1008 ± 2.7
τ_rise 0.1625 ± 0.0036
τ_1 4.124 ± 0.016
N_2 0.2758 ± 0.0017
τ_2 10 ± 0.0
p6 −2.04e+06 ± 1.41e+00
p7 0 ± 1.0
Li6 rate (1/0.05s)
Time (s)
0
200
400
600
800
1000
1200
1400
0
20
40
60
80
100
120
140
160
180
200


TCN19-260 (UGD22)_Li6_norm
Entries 128697
Mean 80.97
Std Dev 12.12
Integral 1.633
Normalized Li6 rate (1/0.05s)
0.07
0.06
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
40
30
20
10
0
−10
0
20
40
60
80
100
120
140
160
180
200
Time (s)


TCN19-260 (UGD22)_ratio
Entries 325
Mean 104.8
Std Dev 17.48
Integral 34.72
Average rate ratio
Time (s)
0
2
4
6
8
0
20
40
60
80
100
120
140
160
180
200


TCN19-260 (UGD22)
TCN19-260 (UGD22)_ch
Entries 142817
Mean 3.766
Std Dev 2.586
Integral 1.428e+05
Count
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
22000
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)