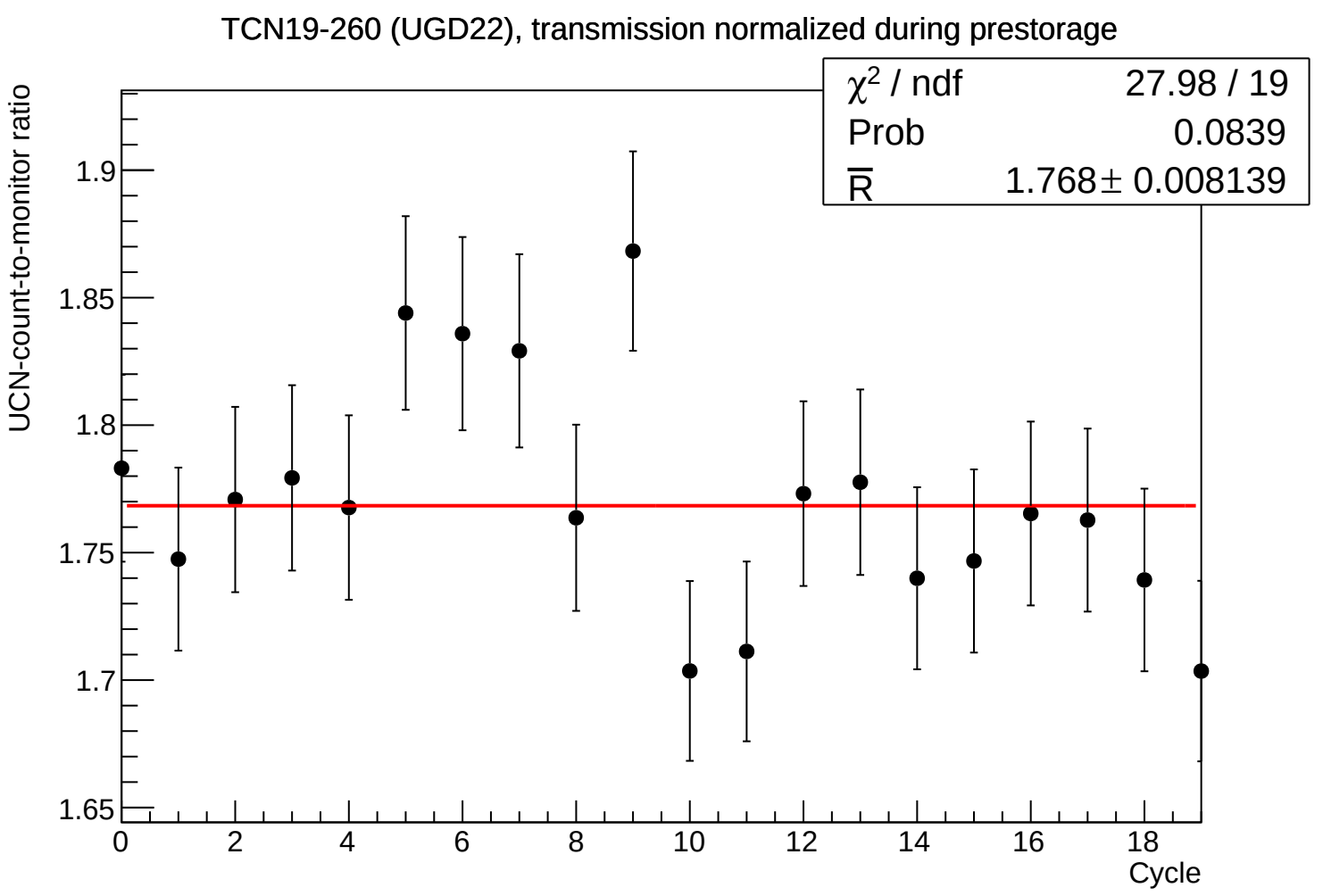
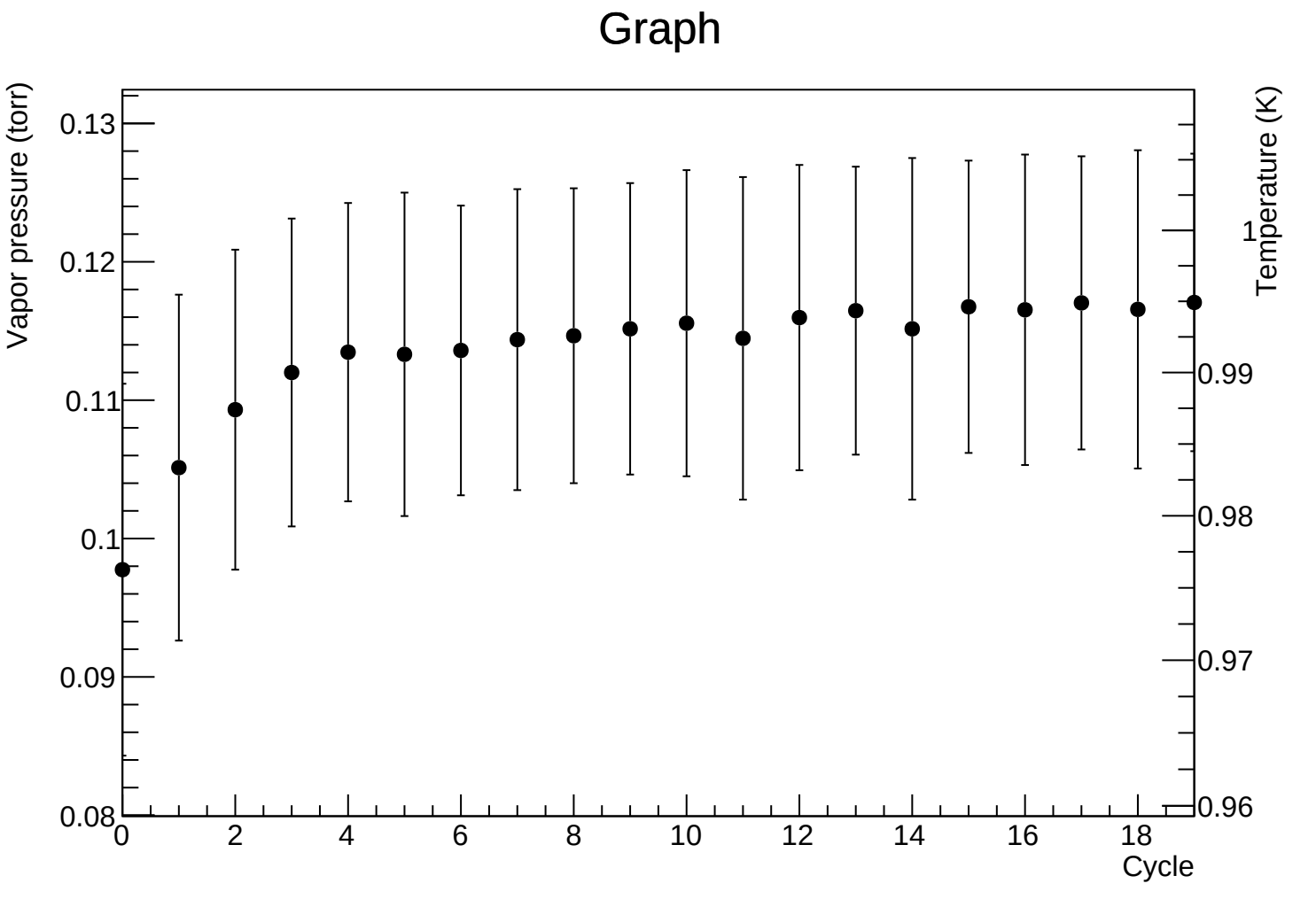
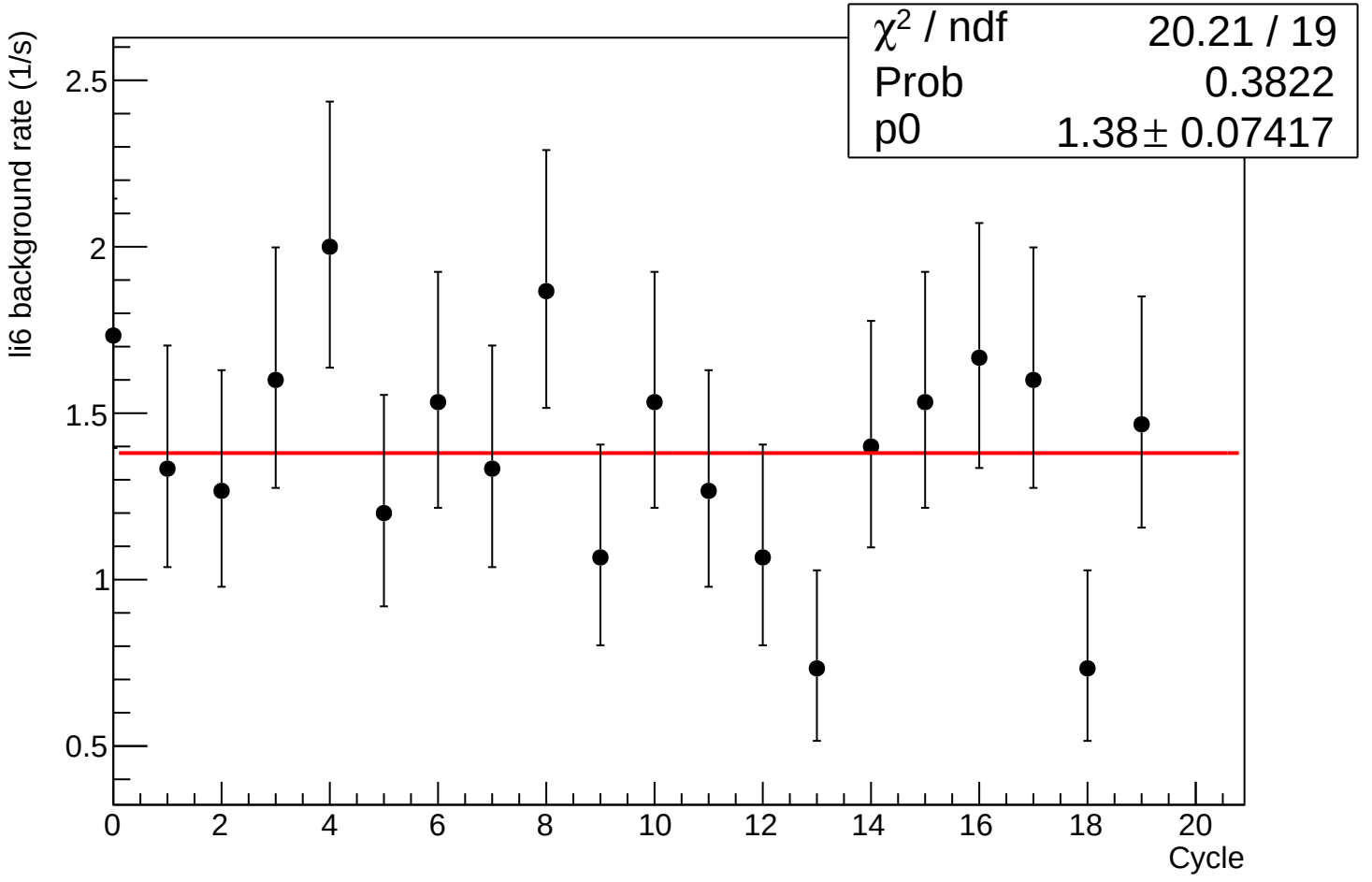
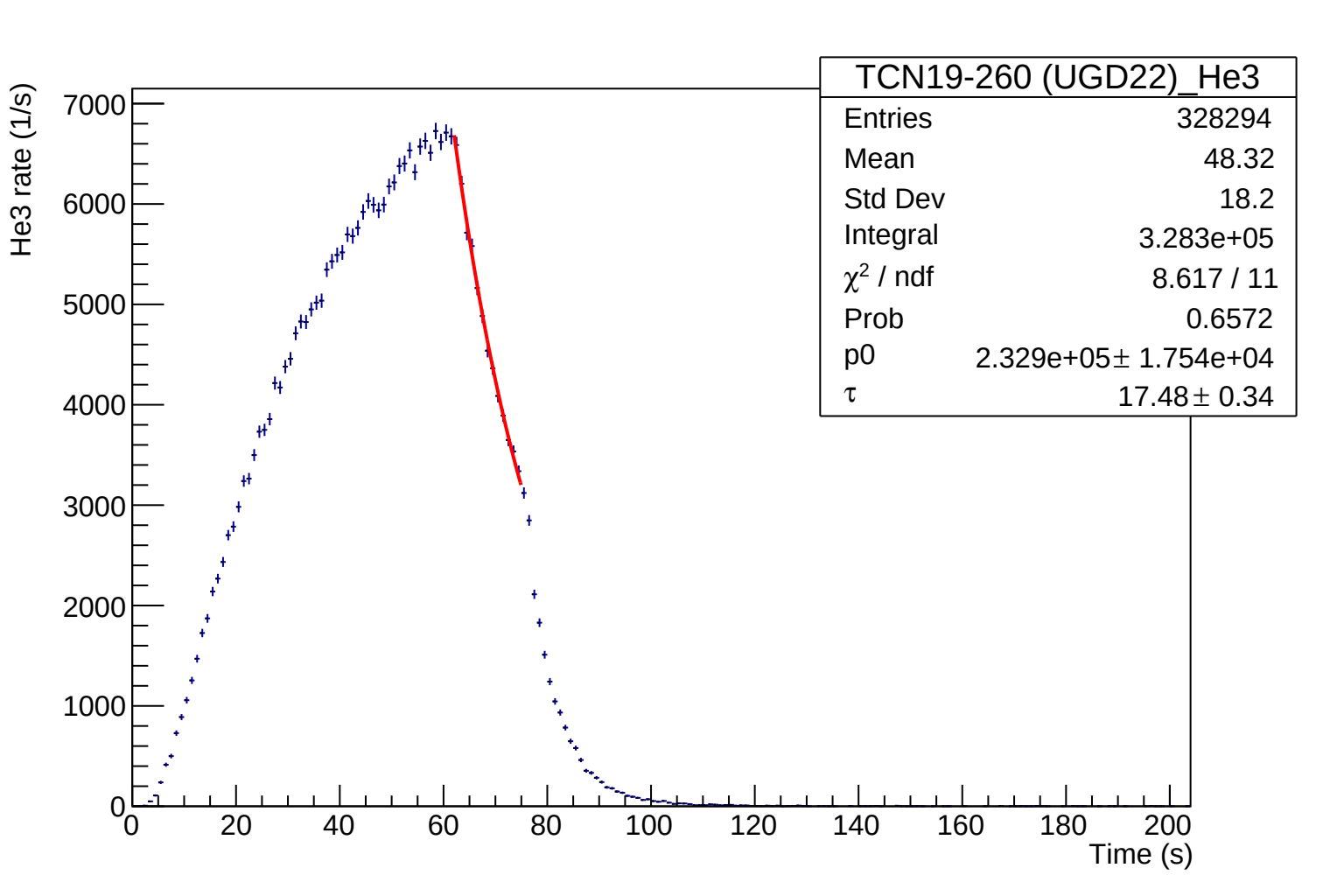
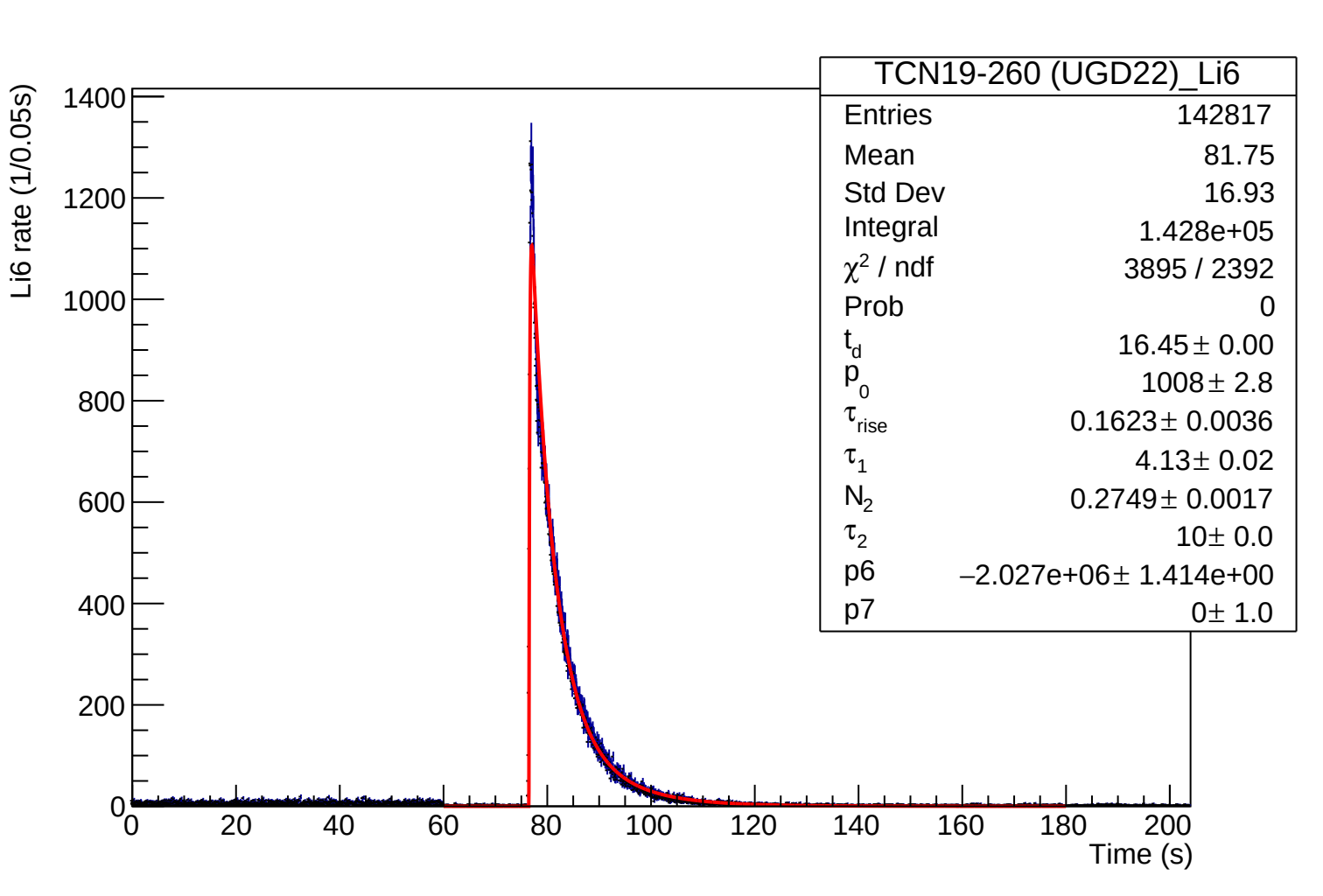
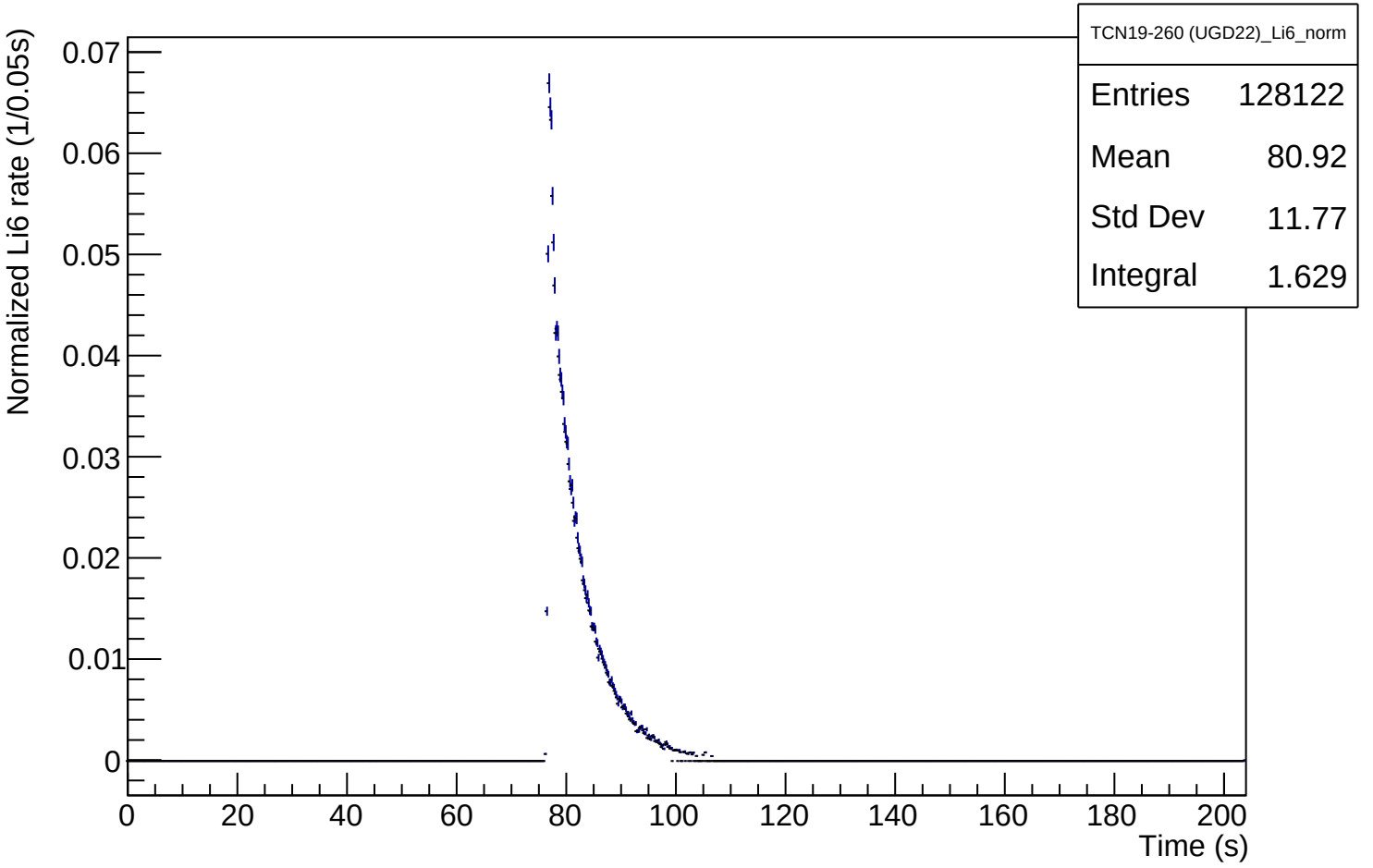

TCN19-260 (UGD22), transmission normalized during prestorage
χ^2 / ndf 27.98 / 19
Prob 0.0839
$\overline{R}$ 1.768 ± 0.008139
UCN-count-to-monitor ratio
1.9
1.85
1.8
1.75
1.7
1.65
0
2
4
6
8
10
12
14
16
18
Cycle

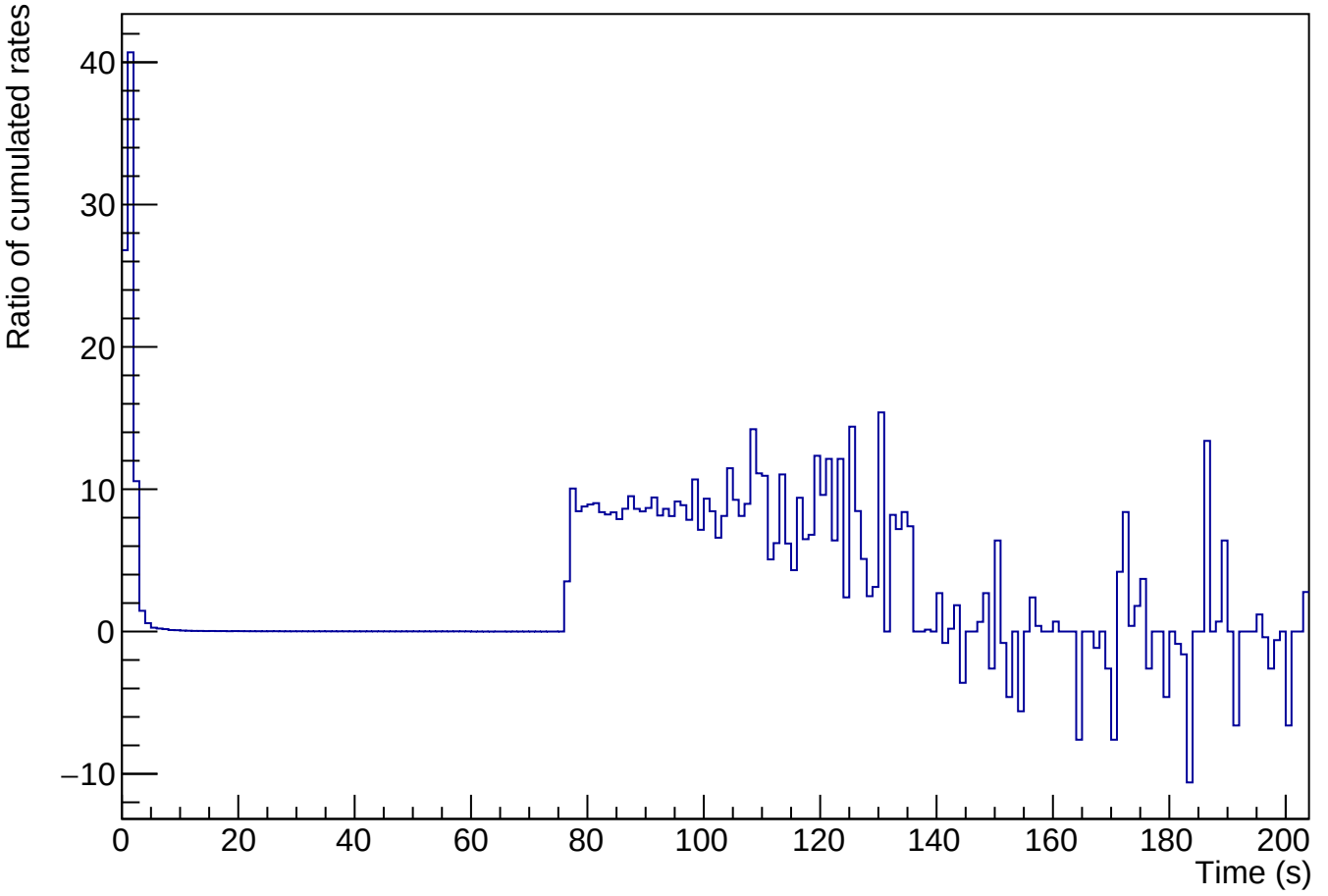

Graph
Vapor pressure (torr)
Temperature (K)
Cycle
0.13
0.12
0.11
0.1
0.09
0.08
1
0.99
0.98
0.97
0.96
0
2
4
6
8
10
12
14
16
18

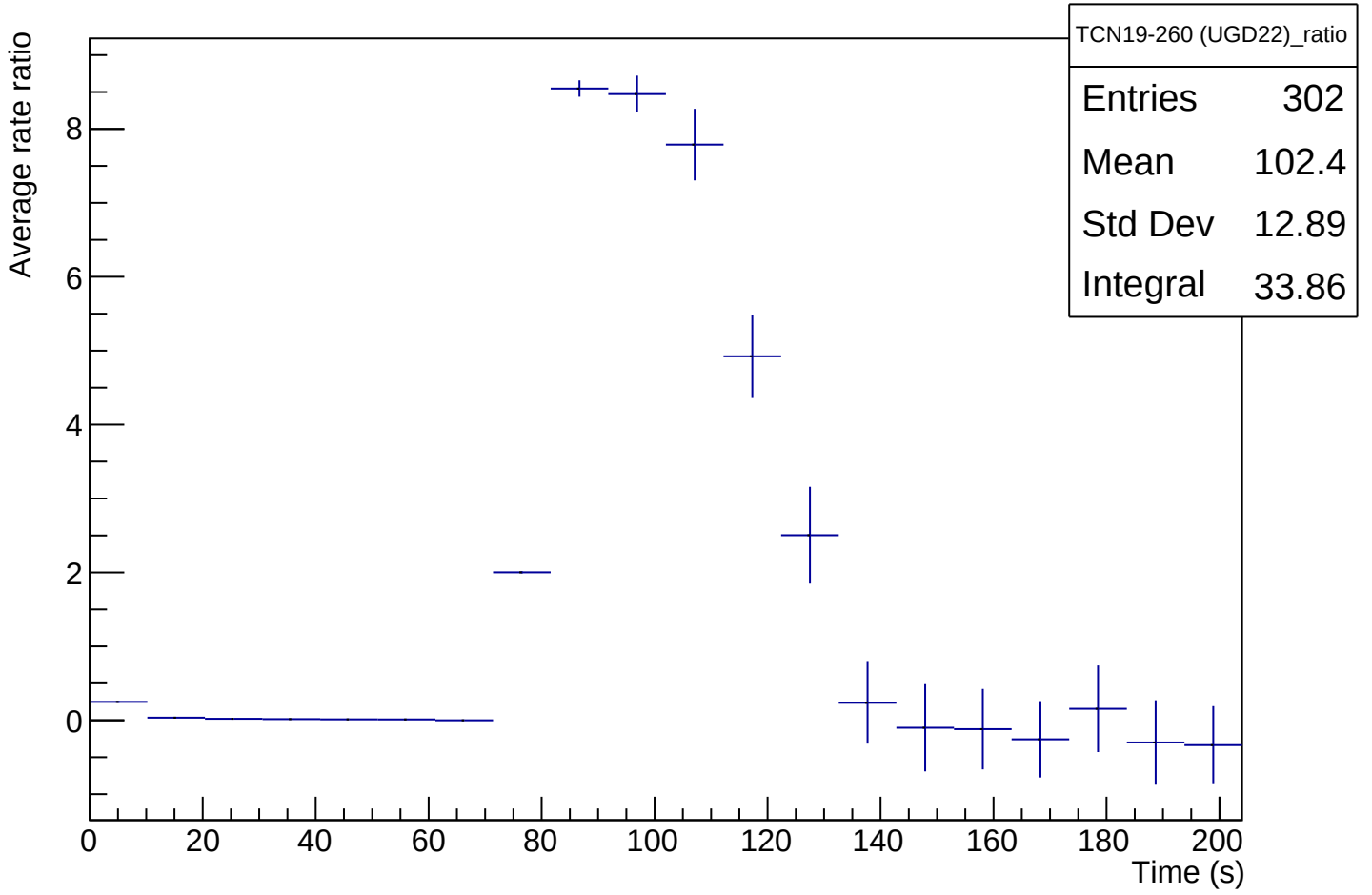

χ^2 / ndf 20.21 / 19
Prob 0.3822
p0 1.38 ± 0.07417
li6 background rate (1/s)
2.5
2
1.5
1
0.5
0
2
4
6
8
10
12
14
16
18
20
Cycle

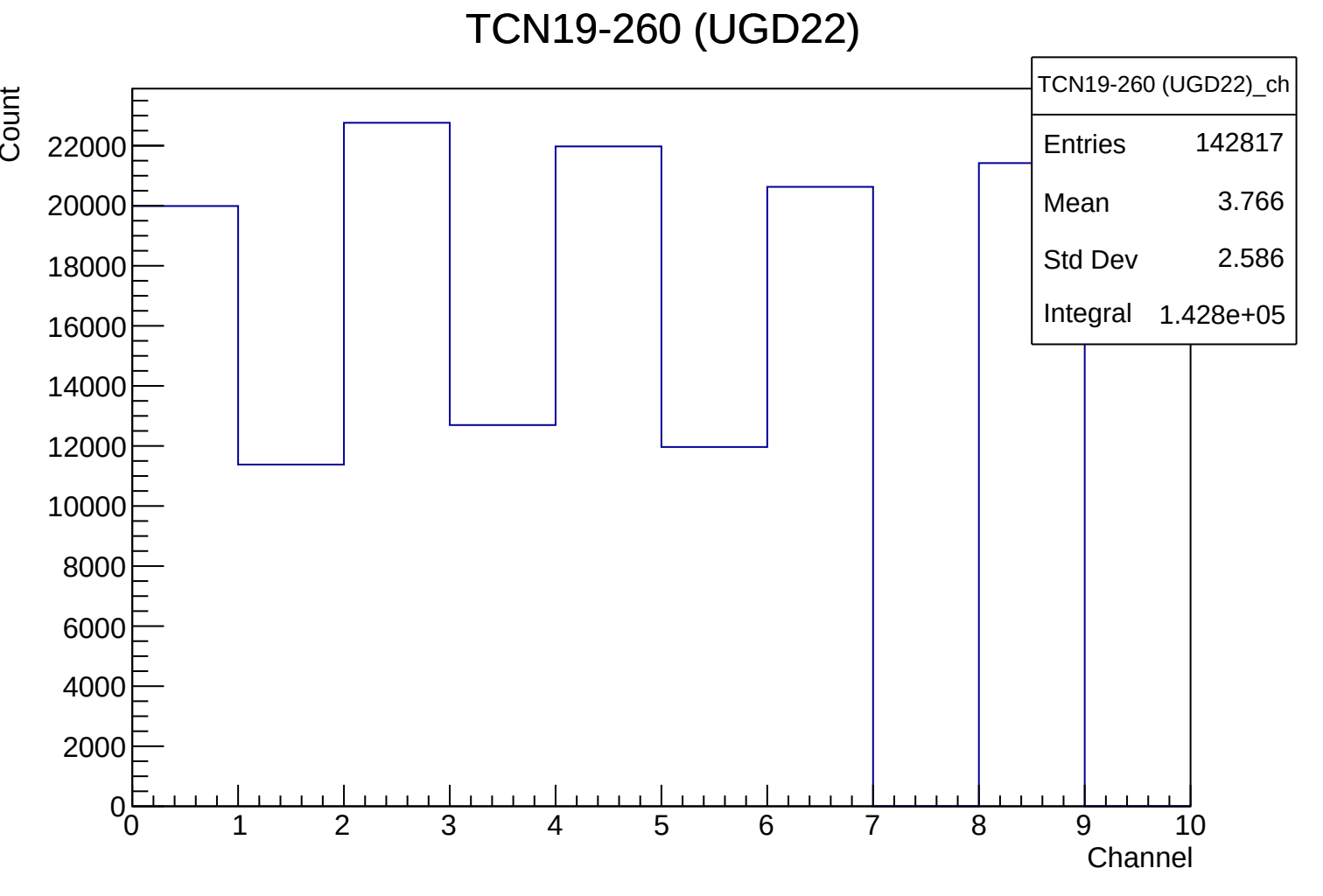

TCN19-260 (UGD22)_He3
Entries 328294
Mean 48.32
Std Dev 18.2
Integral 3.283e+05
χ² / ndf 8.617 / 11
Prob 0.6572
p0 2.329e+05 ± 1.754e+04
τ 17.48 ± 0.34
He3 rate (1/s)
Time (s)
0
1000
2000
3000
4000
5000
6000
7000
0
20
40
60
80
100
120
140
160
180
200

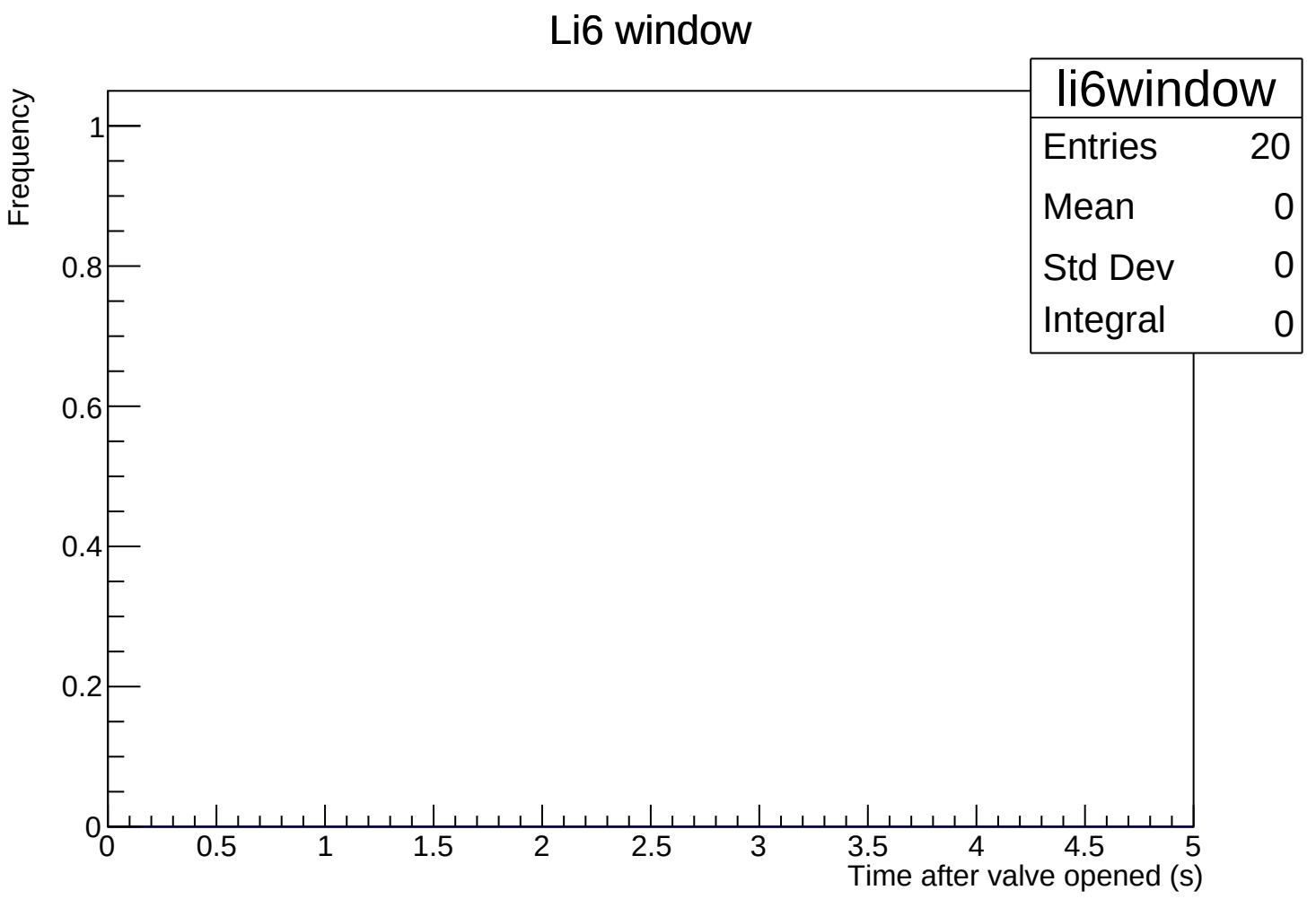

TCN19-260 (UGD22)_Li6
Entries 142817
Mean 81.75
Std Dev 16.93
Integral 1.428e+05
χ² / ndf 3895 / 2392
Prob 0
t_d 16.45 ± 0.00
p_0 1008 ± 2.8
τ_rise 0.1623 ± 0.0036
τ_1 4.13 ± 0.02
N_2 0.2749 ± 0.0017
τ_2 10 ± 0.0
p6 −2.027e+06 ± 1.414e+00
p7 0 ± 1.0
Li6 rate (1/0.05s)
Time (s)
0
200
400
600
800
1000
1200
1400
0
20
40
60
80
100
120
140
160
180
200


TCN19-260 (UGD22)_Li6_norm
Entries 128122
Mean 80.92
Std Dev 11.77
Integral 1.629
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 302
Mean 102.4
Std Dev 12.89
Integral 33.86
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
Channel
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
22000
0
1
2
3
4
5
6
7
8
9
10


Li6 window
li6window
Entries 20
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)