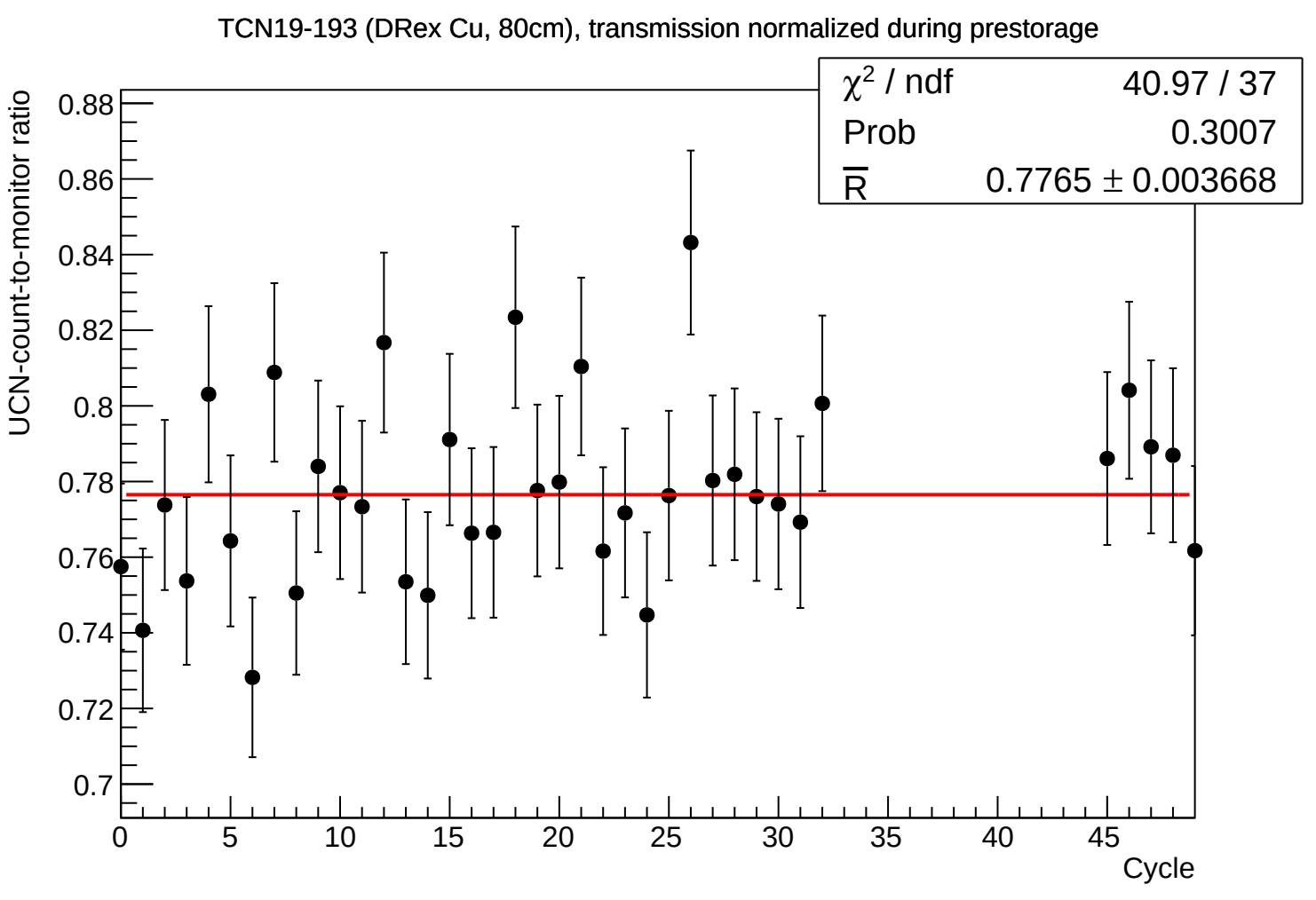
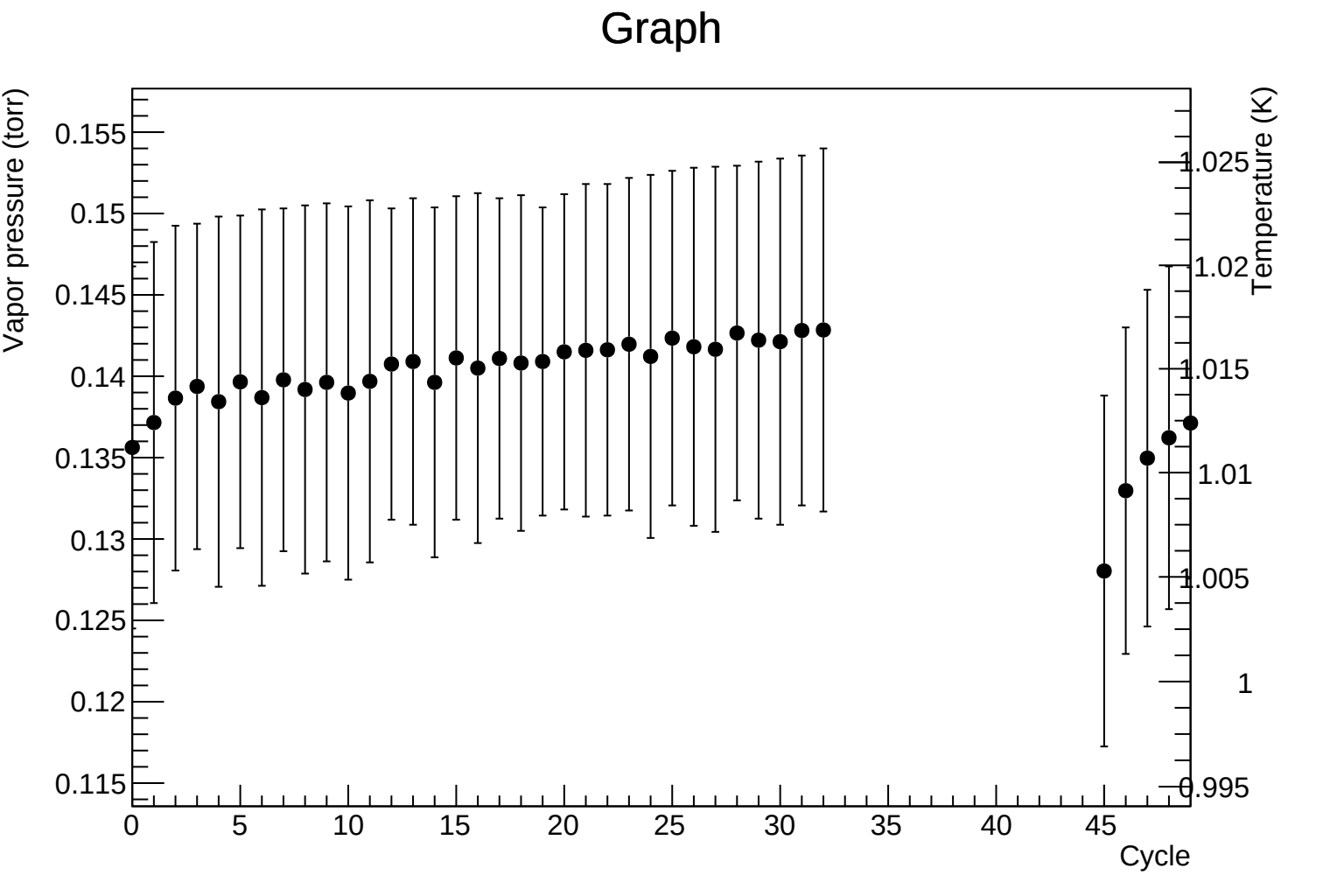
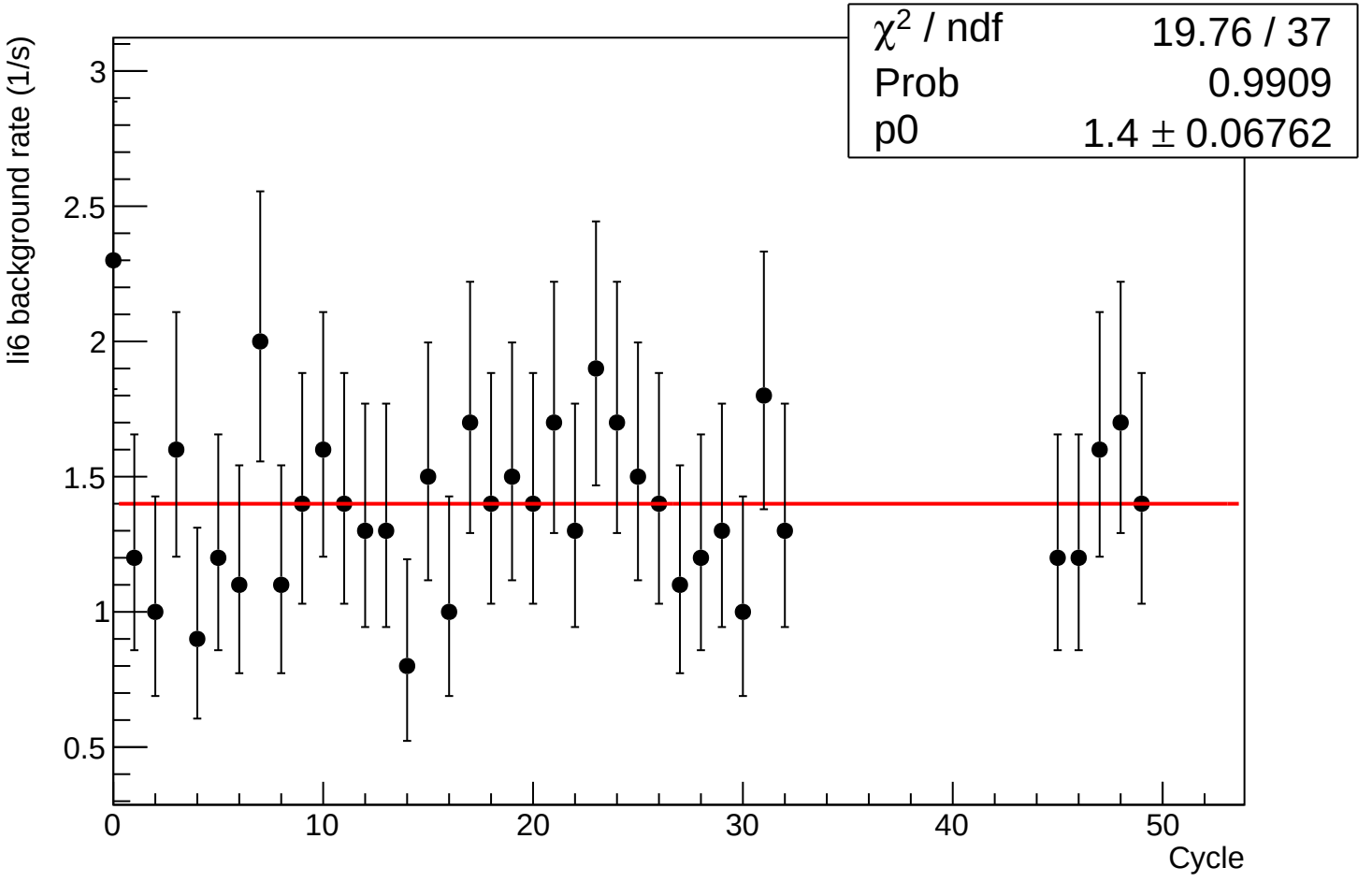
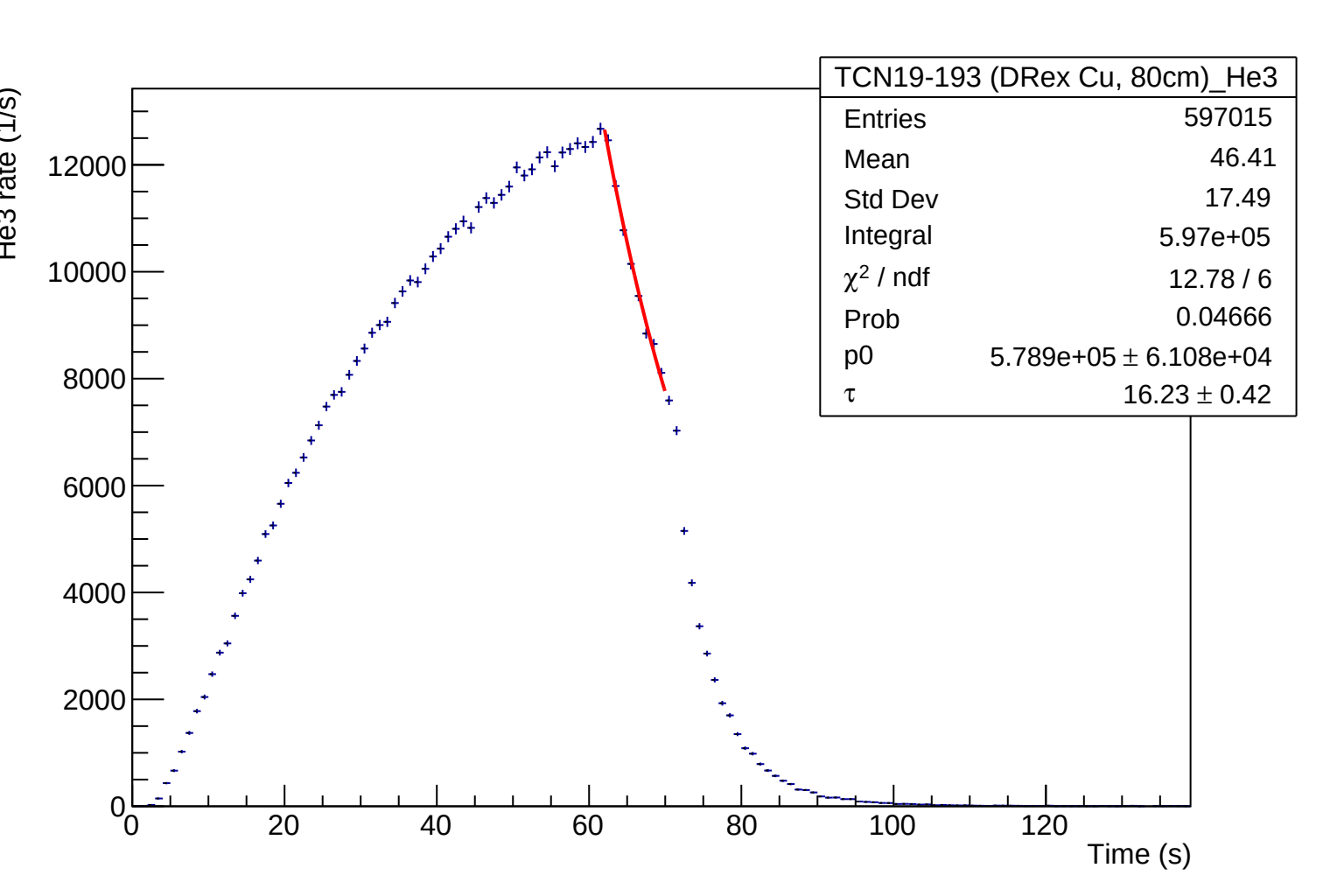
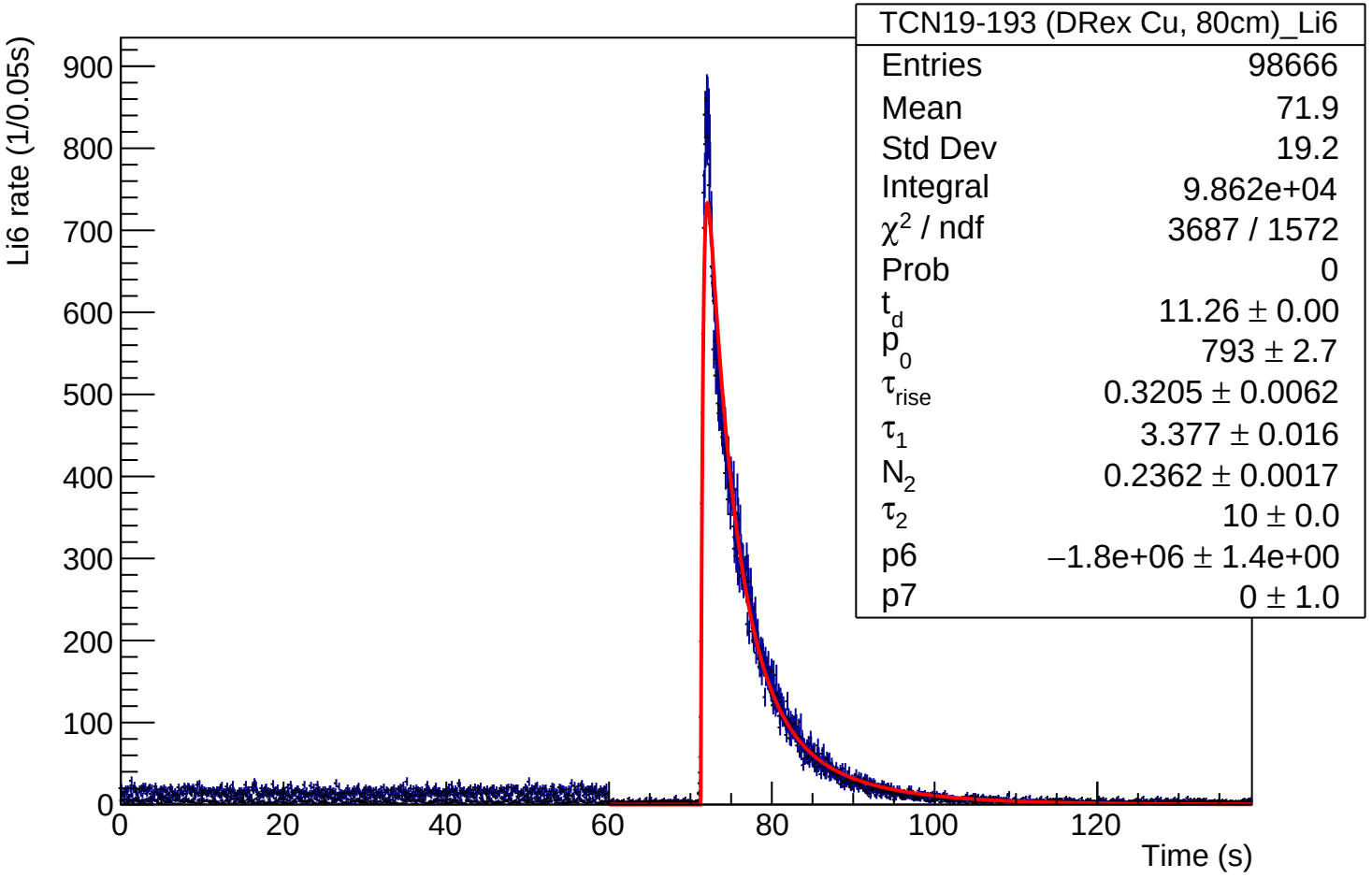
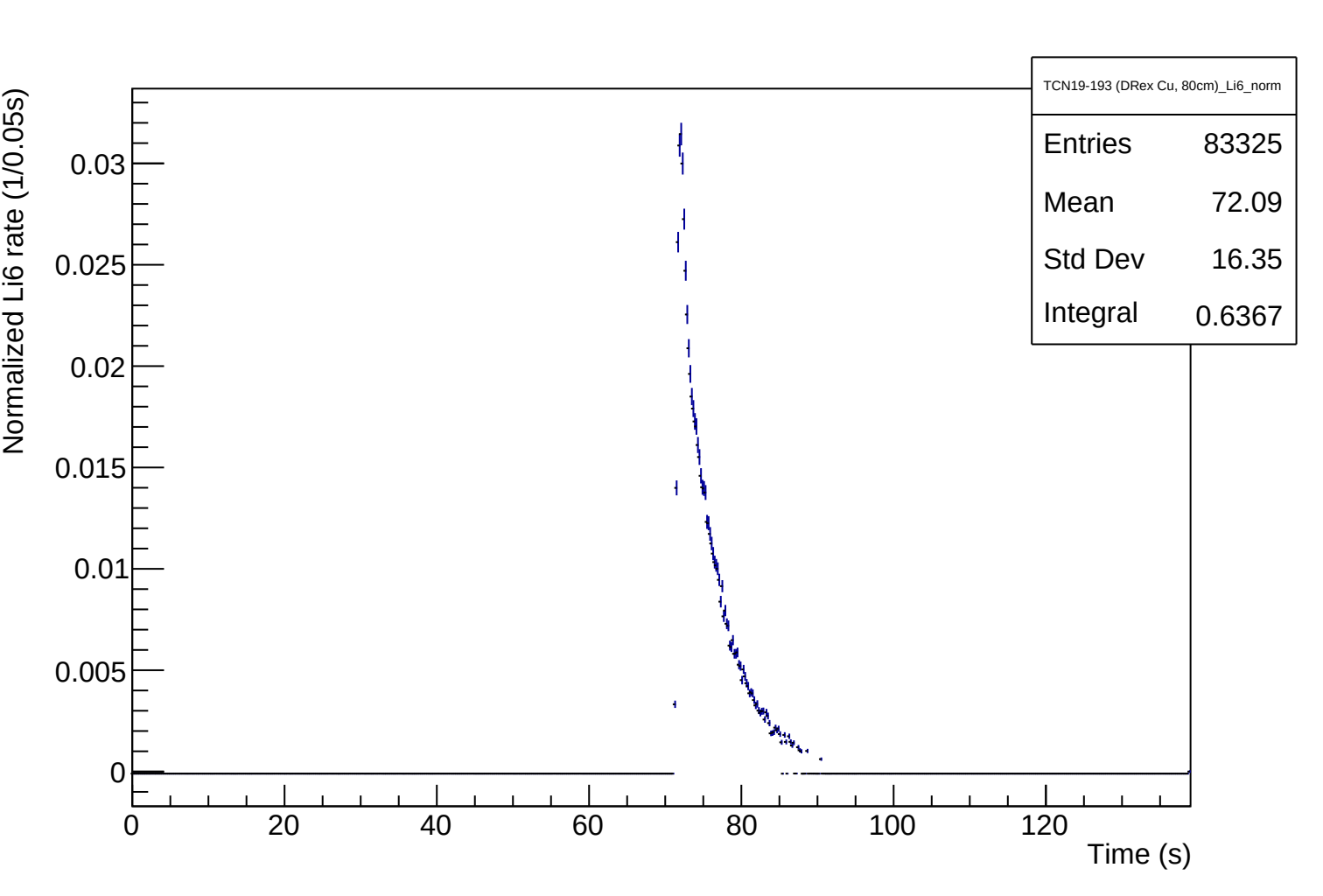

TCN19-193 (DRex Cu, 80cm), transmission normalized during prestorage
χ² / ndf 40.97 / 37
Prob 0.3007
R̄ 0.7765 ± 0.003668
UCN-count-to-monitor ratio
0.88
0.86
0.84
0.82
0.8
0.78
0.76
0.74
0.72
0.7
0
5
10
15
20
25
30
35
40
45
Cycle

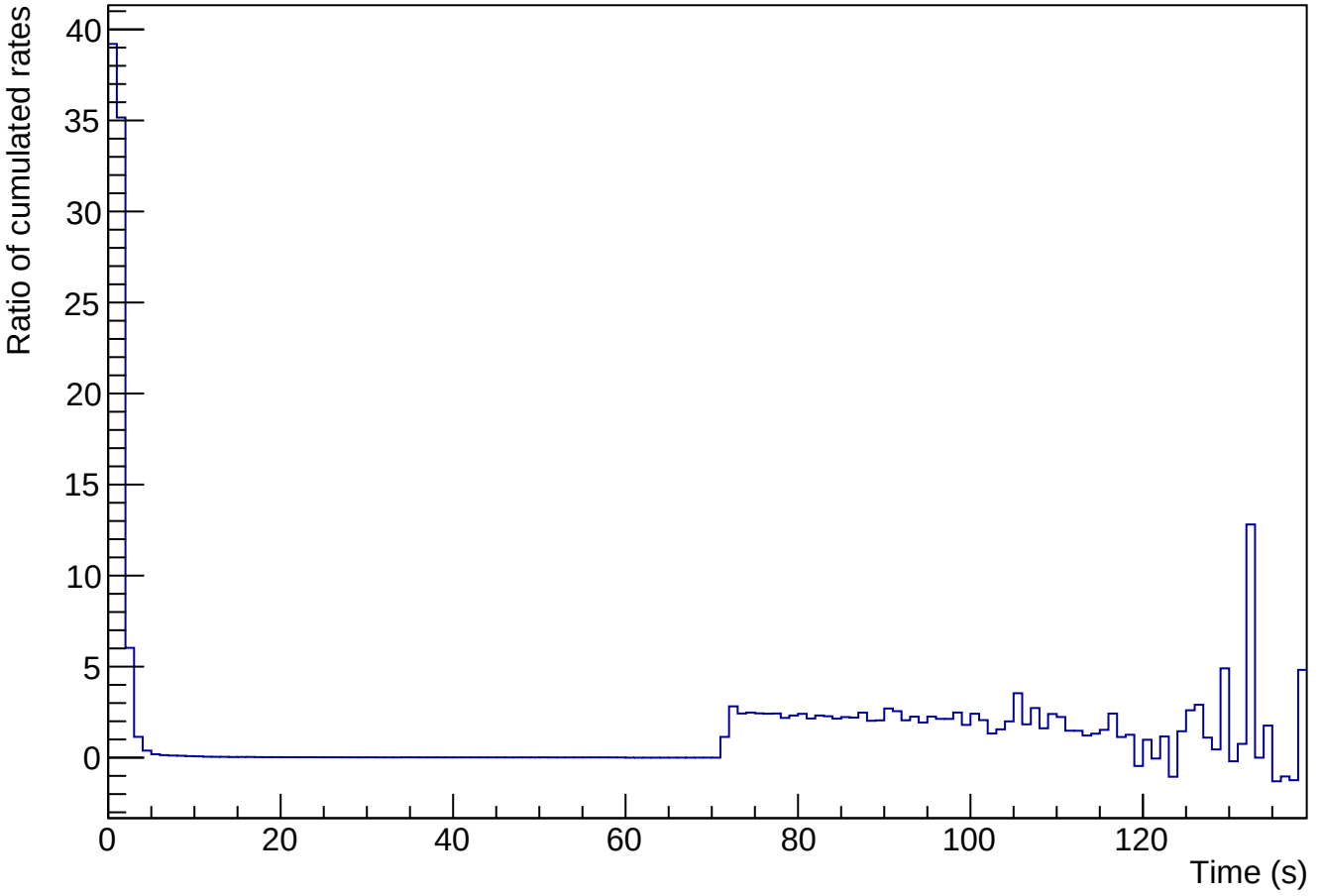

Graph
Vapor pressure (torr)
0.155
0.15
0.145
0.14
0.135
0.13
0.125
0.12
0.115
Temperature (K)
1.025
1.02
1.015
1.01
1.005
1
0.995
0
5
10
15
20
25
30
35
40
45
Cycle

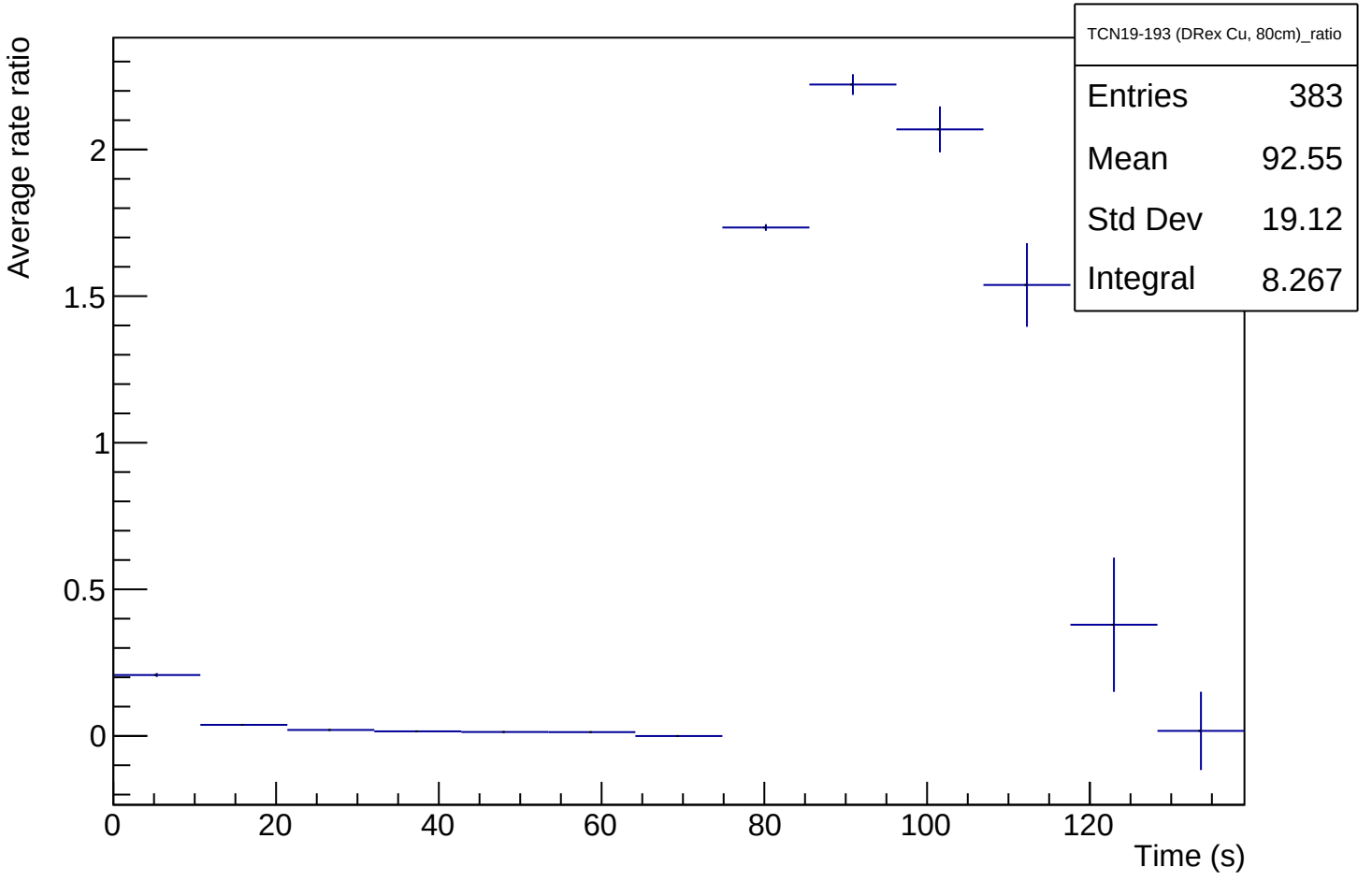

li6 background rate (1/s)
3
2.5
2
1.5
1
0.5
0
10
20
30
40
50
Cycle
χ² / ndf 19.76 / 37
Prob 0.9909
p0 1.4 ± 0.06762

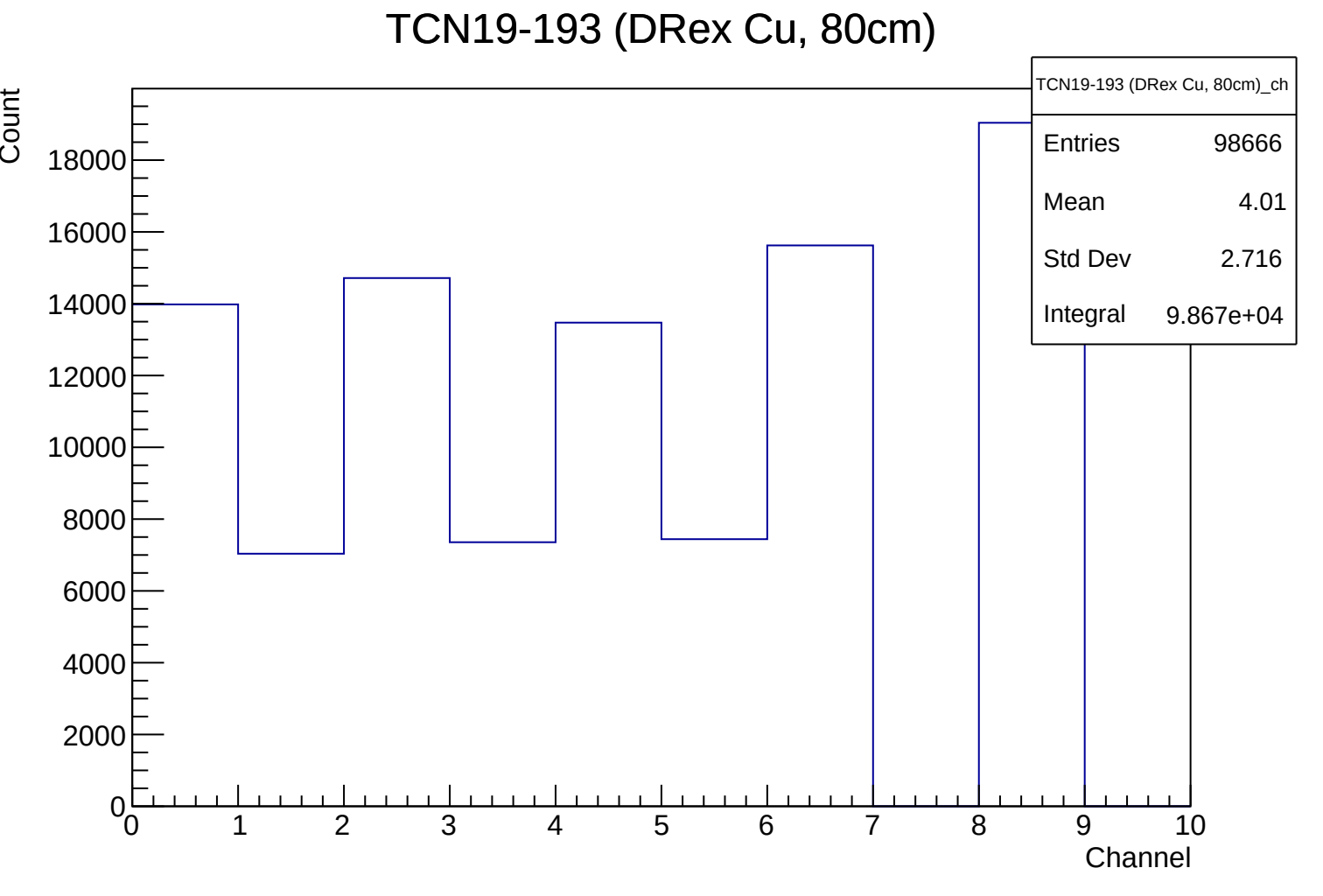

TCN19-193 (DRex Cu, 80cm)_He3
Entries 597015
Mean 46.41
Std Dev 17.49
Integral 5.97e+05
χ² / ndf 12.78 / 6
Prob 0.04666
p0 5.789e+05 ± 6.108e+04
τ 16.23 ± 0.42
He3 rate (1/s)
Time (s)
0
2000
4000
6000
8000
10000
12000
0
20
40
60
80
100
120

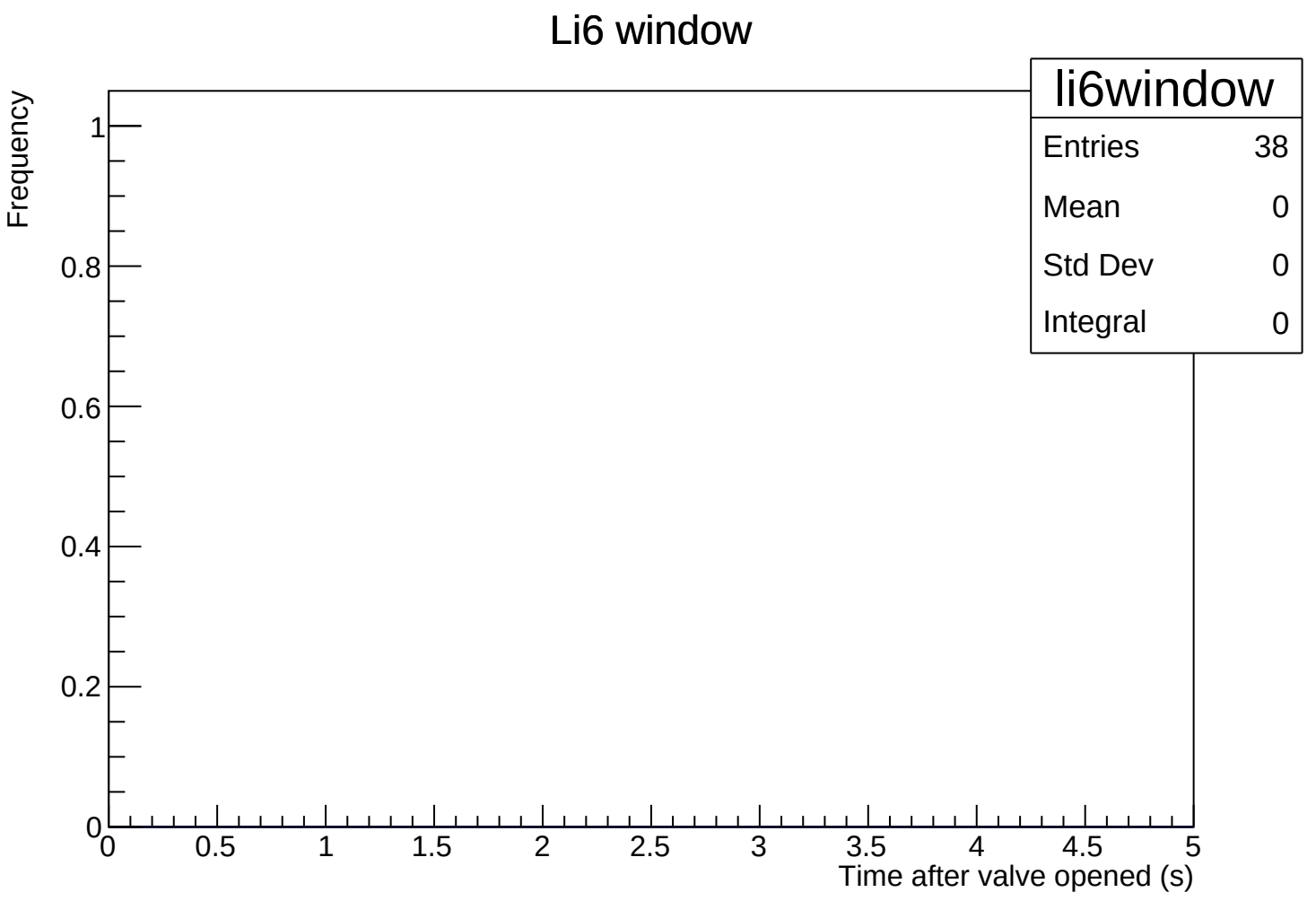

TCN19-193 (DRex Cu, 80cm)_Li6
Entries 98666
Mean 71.9
Std Dev 19.2
Integral 9.862e+04
χ² / ndf 3687 / 1572
Prob 0
t_d 11.26 ± 0.00
p_0 793 ± 2.7
τ_rise 0.3205 ± 0.0062
τ_1 3.377 ± 0.016
N_2 0.2362 ± 0.0017
τ_2 10 ± 0.0
p6 −1.8e+06 ± 1.4e+00
p7 0 ± 1.0
Li6 rate (1/0.05s)
0
100
200
300
400
500
600
700
800
900
0
20
40
60
80
100
120
Time (s)


TCN19-193 (DRex Cu, 80cm)_Li6_norm
Entries 83325
Mean 72.09
Std Dev 16.35
Integral 0.6367
Normalized Li6 rate (1/0.05s)
0.03
0.025
0.02
0.015
0.01
0.005
0
0
20
40
60
80
100
120
Time (s)


Ratio of cumulated rates
40
35
30
25
20
15
10
5
0
0
20
40
60
80
100
120
Time (s)


TCN19-193 (DRex Cu, 80cm)_ratio
Entries 383
Mean 92.55
Std Dev 19.12
Integral 8.267
Average rate ratio
Time (s)
0
0.5
1
1.5
2
0
20
40
60
80
100
120


TCN19-193 (DRex Cu, 80cm)
TCN19-193 (DRex Cu, 80cm)_ch
Entries 98666
Mean 4.01
Std Dev 2.716
Integral 9.867e+04
Count
Channel
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
0
1
2
3
4
5
6
7
8
9
10


Li6 window
li6window
Entries 38
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)