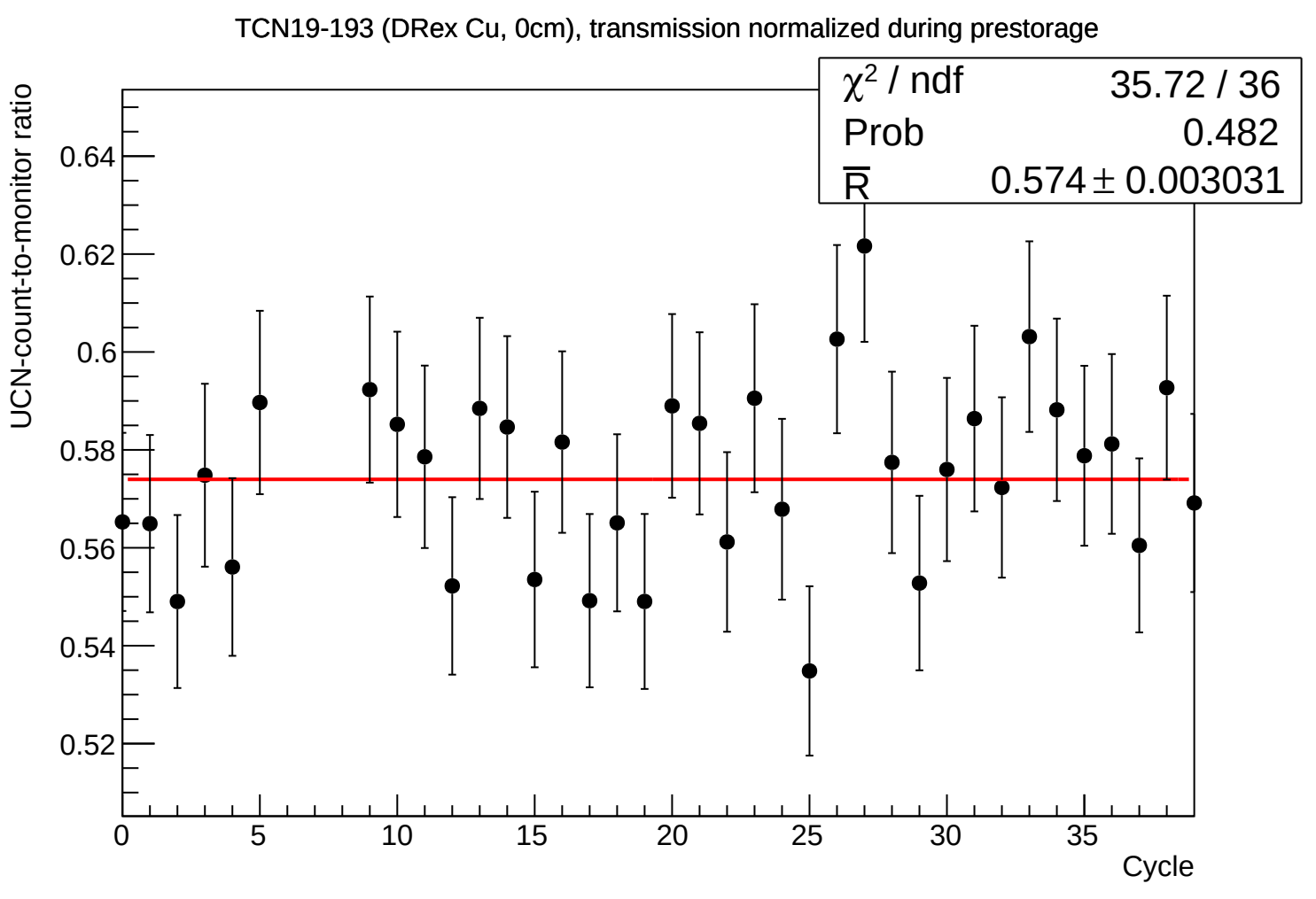
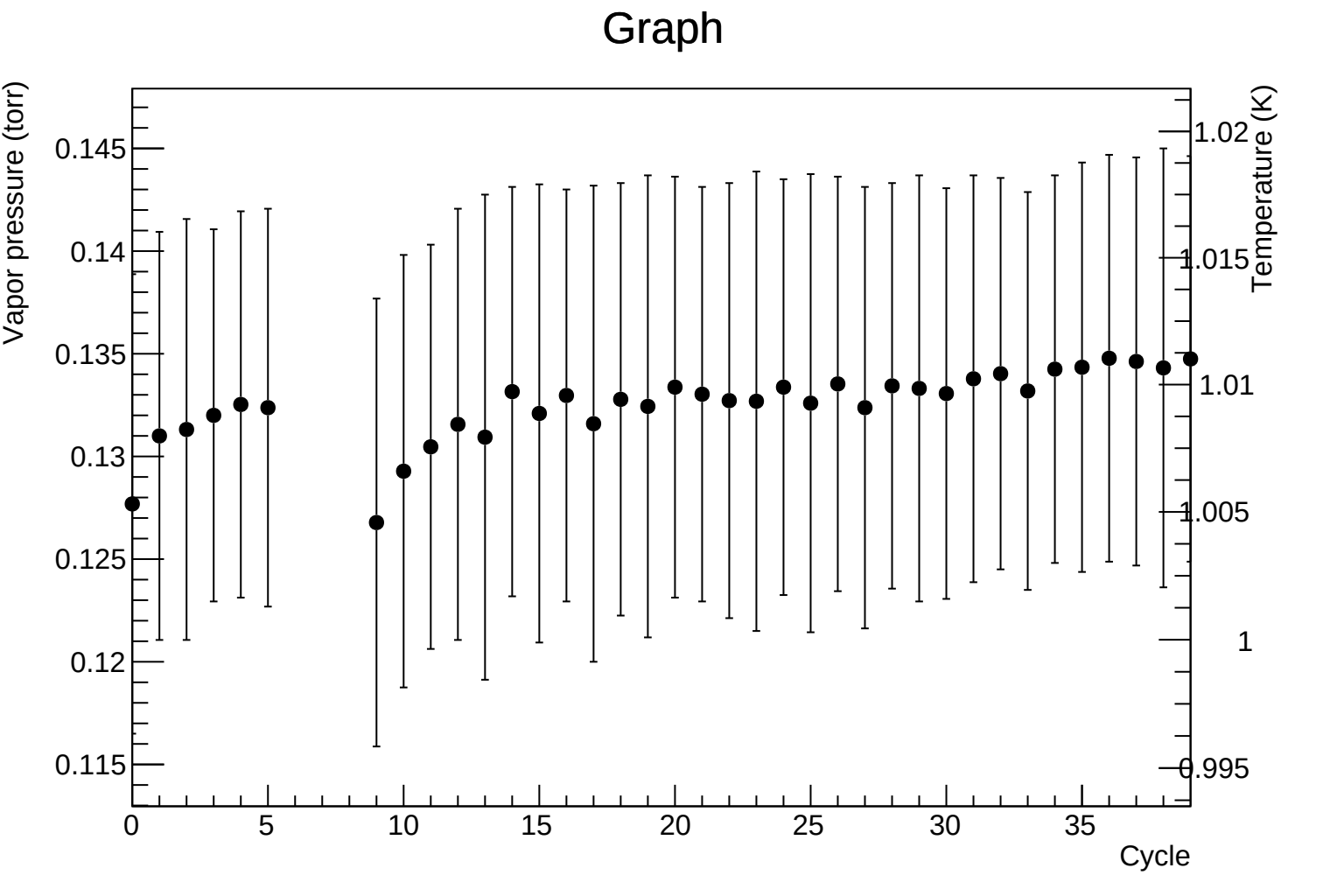
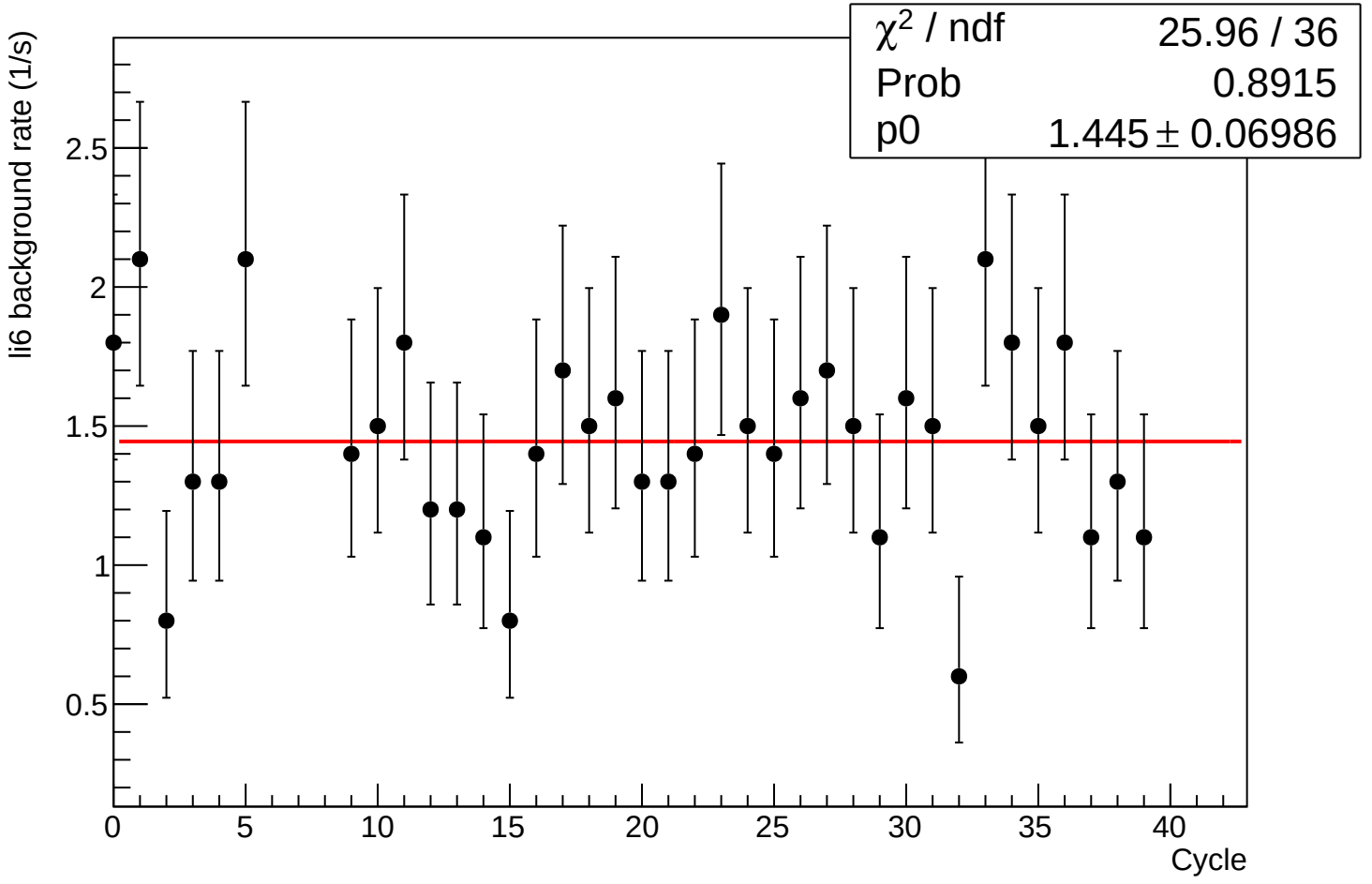
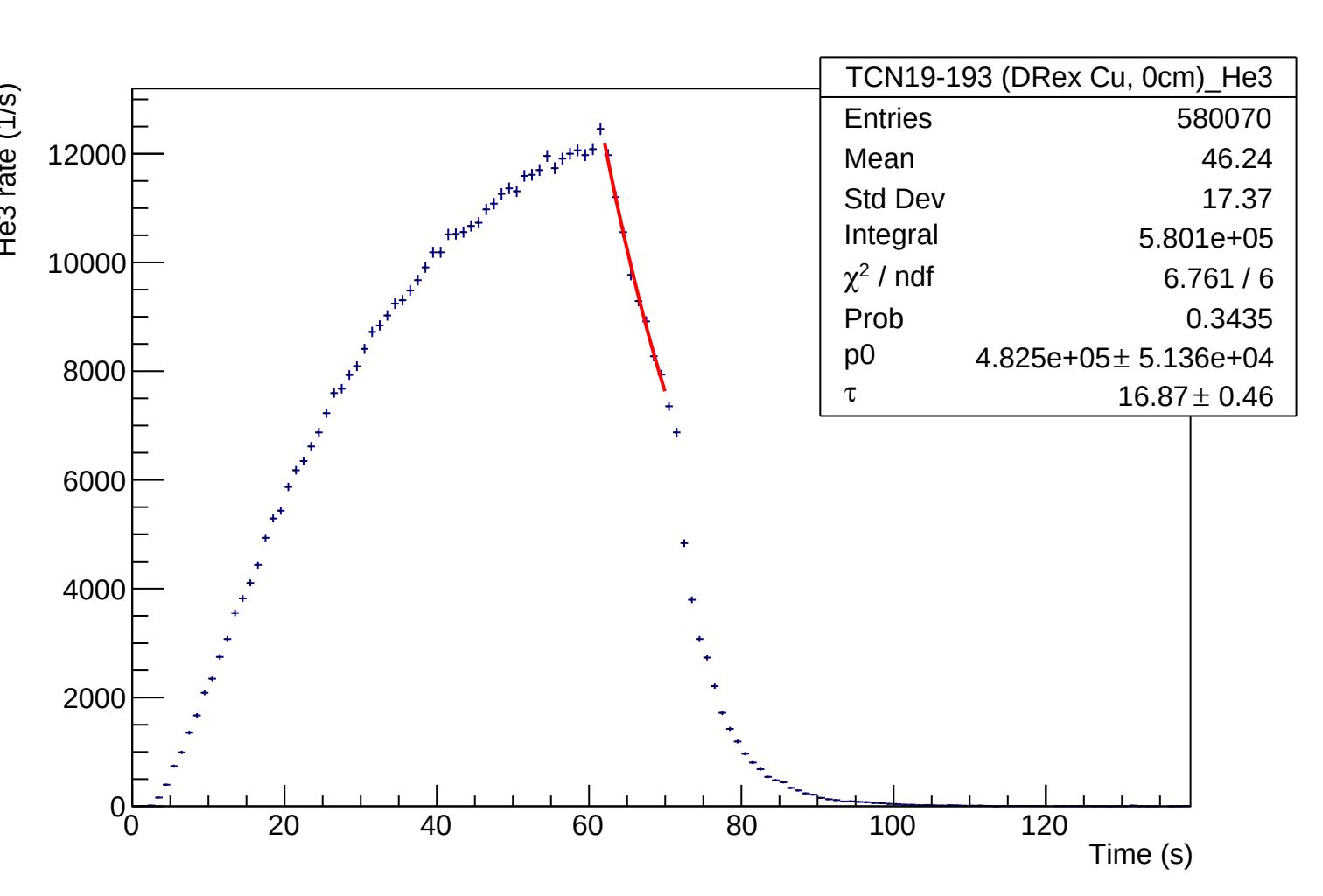
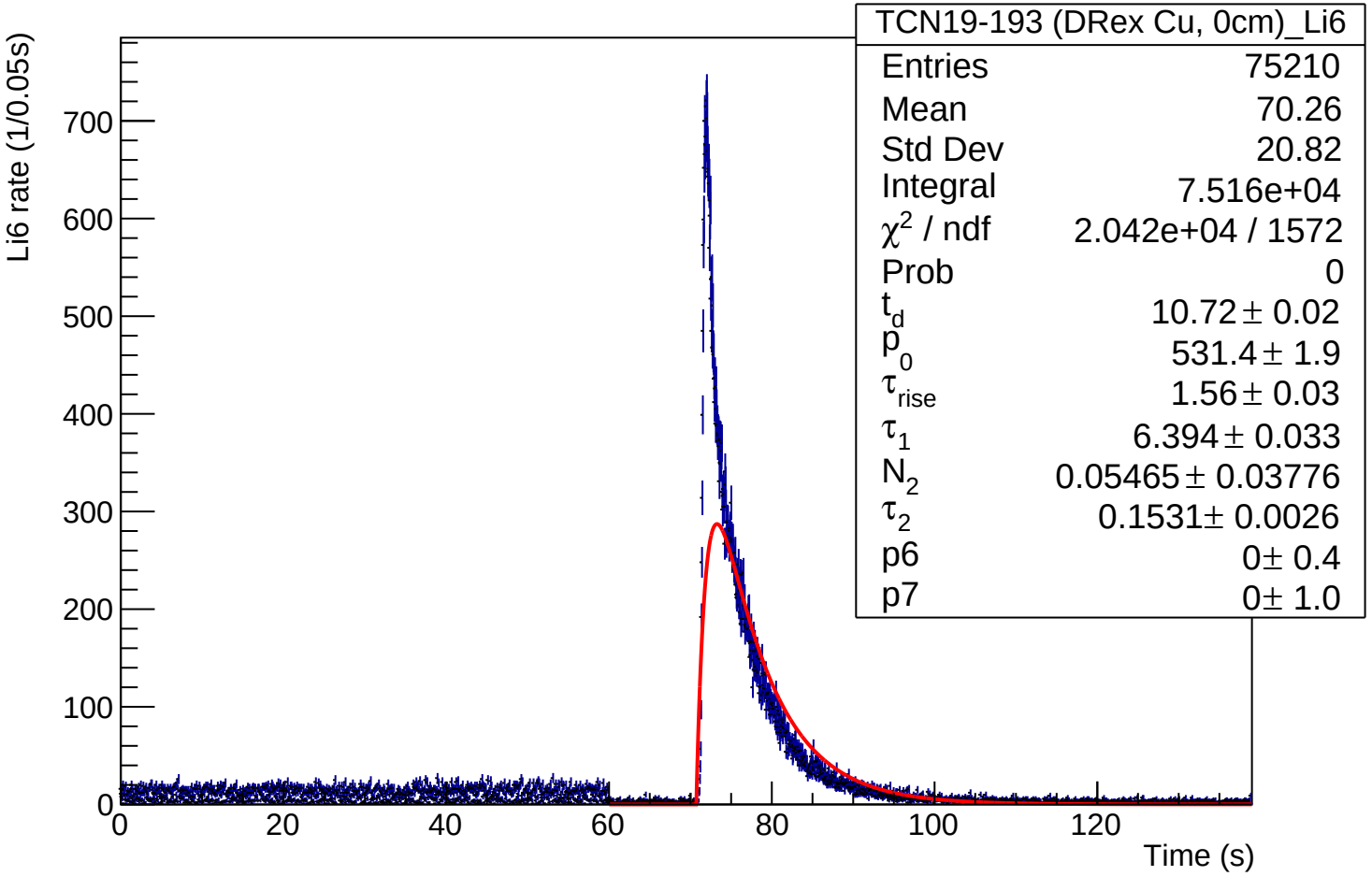
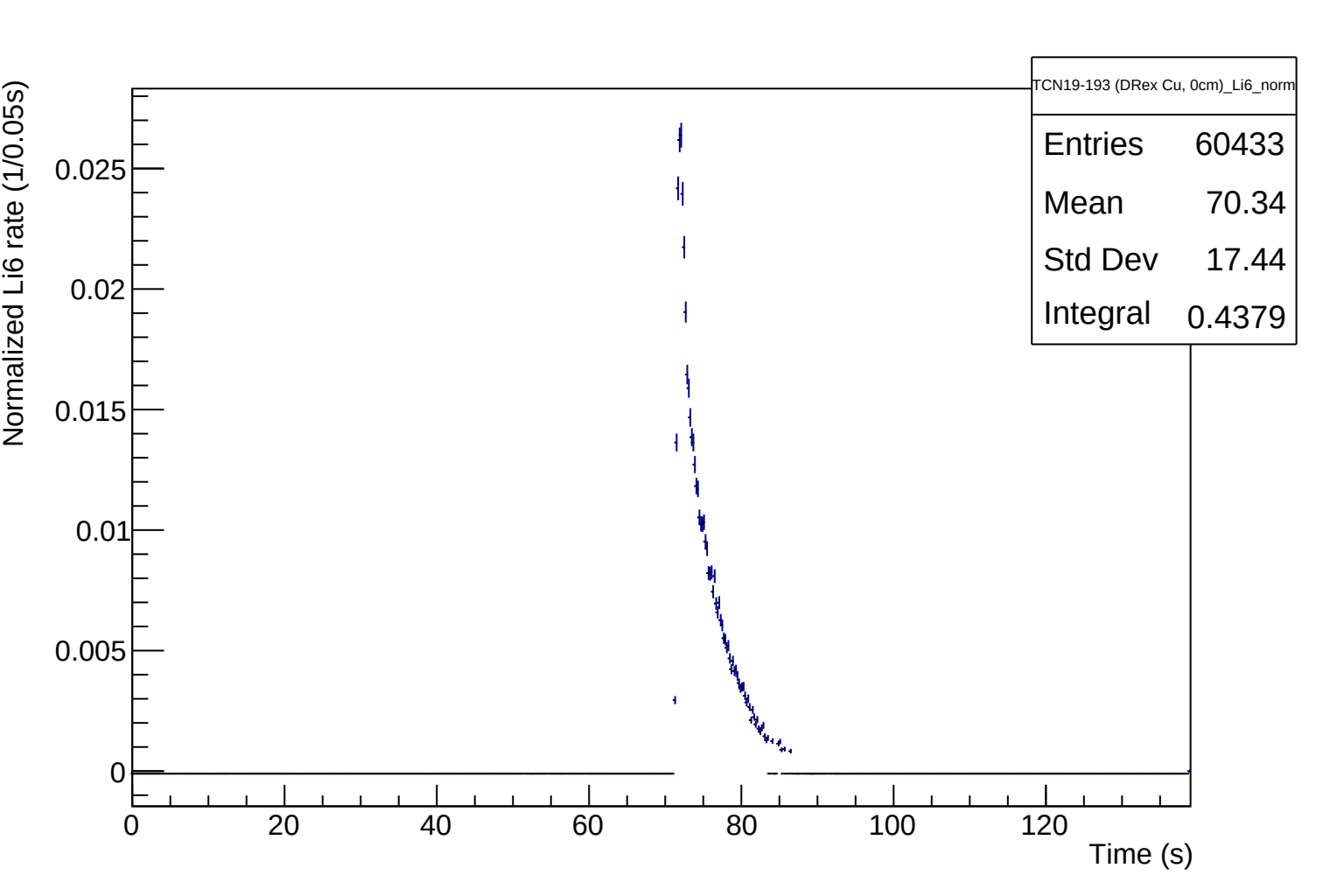

TCN19-193 (DRex Cu, 0cm), transmission normalized during prestorage
χ² / ndf 35.72 / 36
Prob 0.482
R̄ 0.574 ± 0.003031
UCN-count-to-monitor ratio
0.64
0.62
0.6
0.58
0.56
0.54
0.52
0
5
10
15
20
25
30
35
Cycle

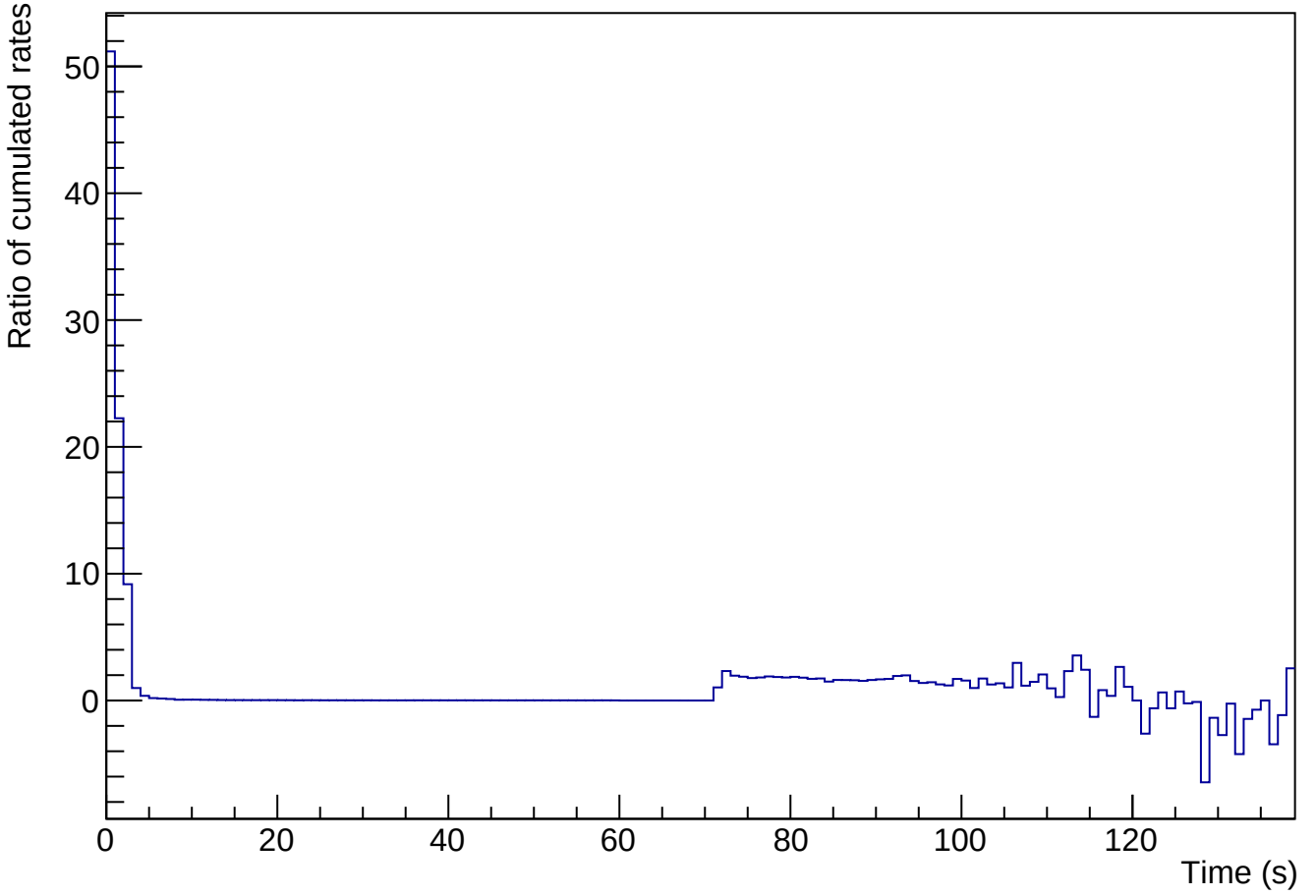

Graph
Vapor pressure (torr)
0.145
0.14
0.135
0.13
0.125
0.12
0.115
Temperature (K)
1.02
1.015
1.01
1.005
1
0.995
0
5
10
15
20
25
30
35
Cycle

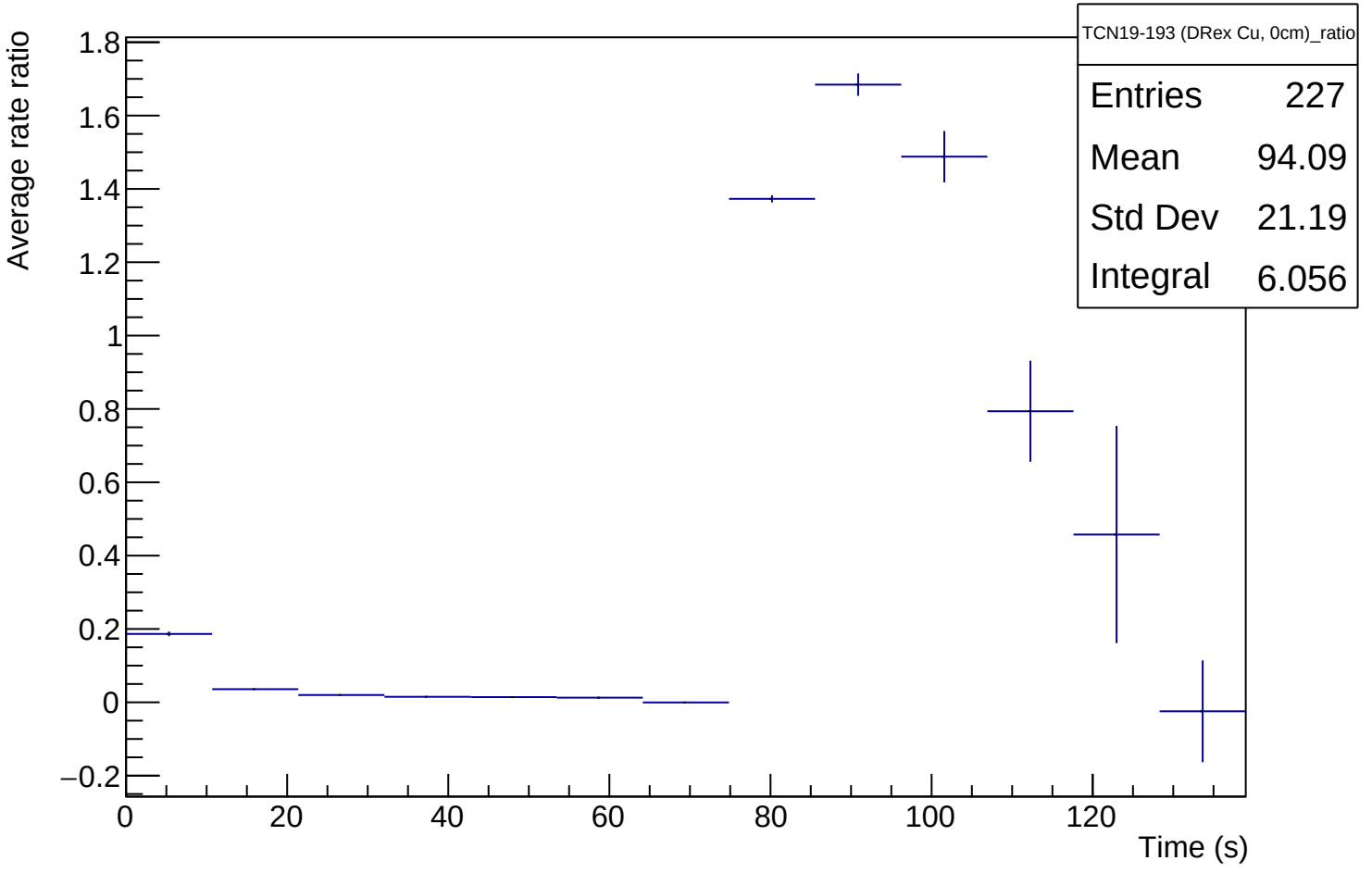

li6 background rate (1/s)
2.5
2
1.5
1
0.5
0
5
10
15
20
25
30
35
40
Cycle
χ² / ndf 25.96 / 36
Prob 0.8915
p0 1.445 ± 0.06986

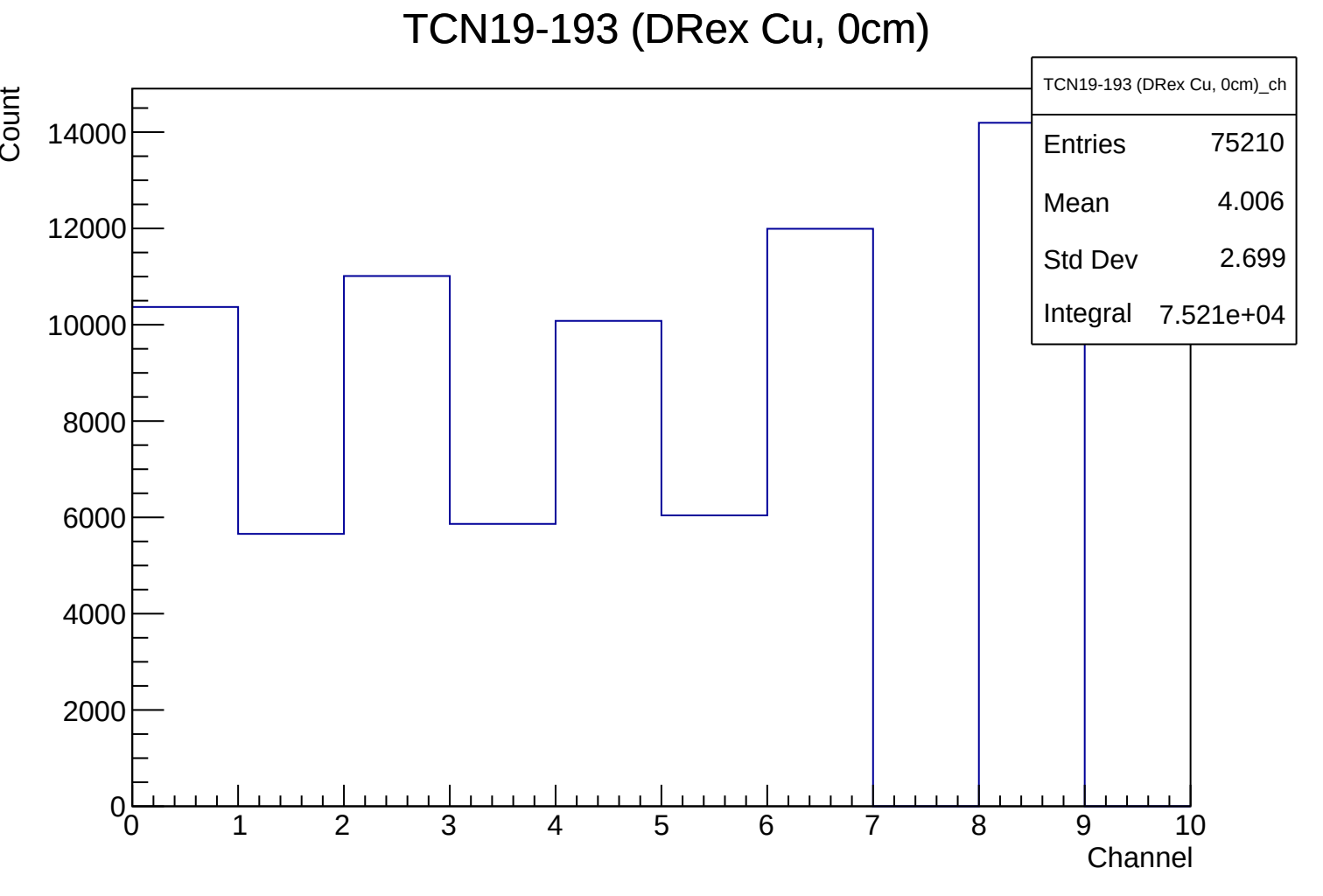

TCN19-193 (DRex Cu, 0cm)_He3
Entries 580070
Mean 46.24
Std Dev 17.37
Integral 5.801e+05
χ² / ndf 6.761 / 6
Prob 0.3435
p0 4.825e+05 ± 5.136e+04
τ 16.87 ± 0.46
He3 rate (1/s)
Time (s)
0
2000
4000
6000
8000
10000
12000
0
20
40
60
80
100
120

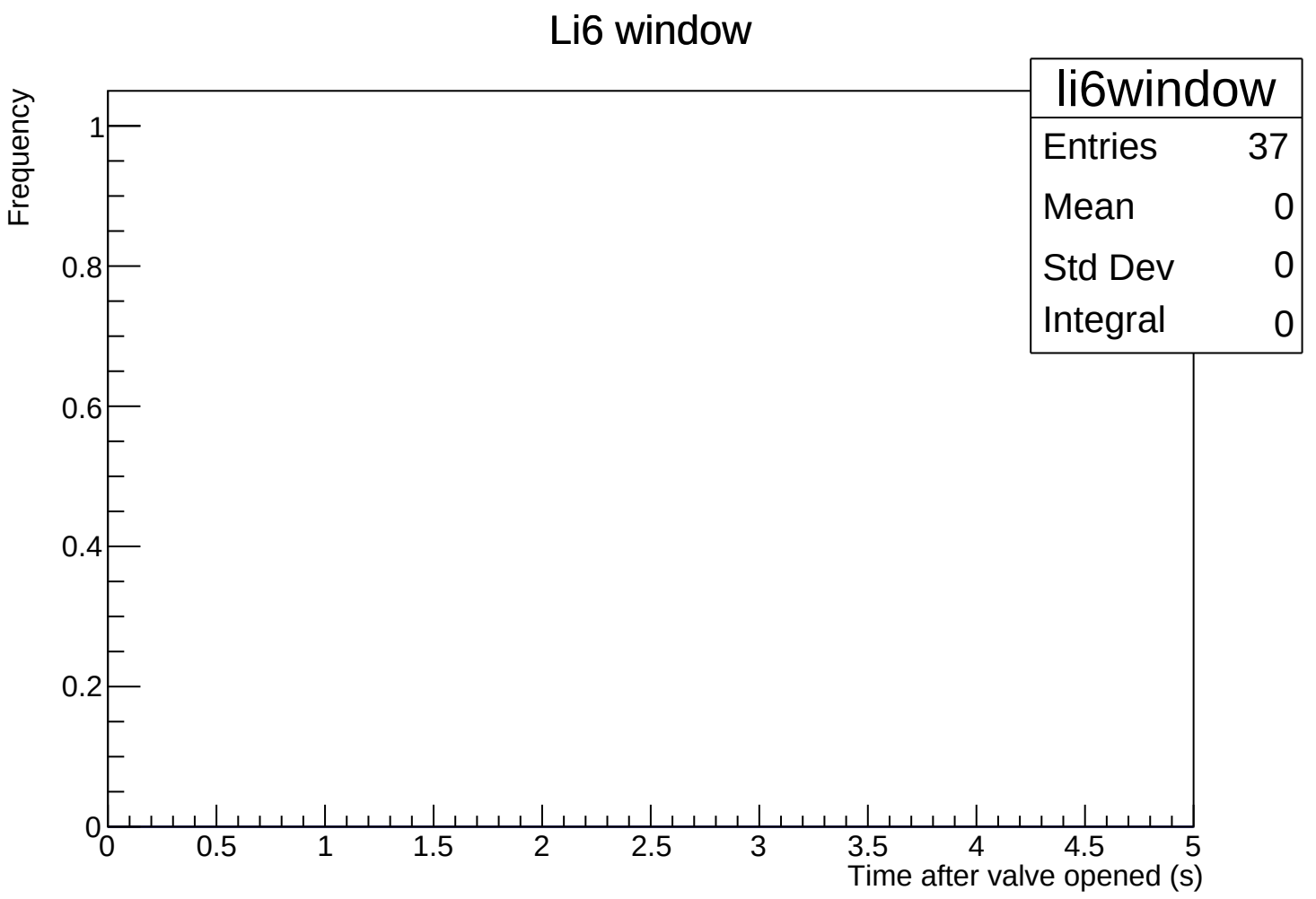

TCN19-193 (DRex Cu, 0cm)_Li6
Entries 75210
Mean 70.26
Std Dev 20.82
Integral 7.516e+04
χ² / ndf 2.042e+04 / 1572
Prob 0
t_d 10.72 ± 0.02
p_0 531.4 ± 1.9
τ_rise 1.56 ± 0.03
τ_1 6.394 ± 0.033
N_2 0.05465 ± 0.03776
τ_2 0.1531 ± 0.0026
p6 0 ± 0.4
p7 0 ± 1.0
Li6 rate (1/0.05s)
0
100
200
300
400
500
600
700
0
20
40
60
80
100
120
Time (s)


TCN19-193 (DRex Cu, 0cm)_Li6_norm
Entries 60433
Mean 70.34
Std Dev 17.44
Integral 0.4379
Normalized Li6 rate (1/0.05s)
0.025
0.02
0.015
0.01
0.005
0
0
20
40
60
80
100
120
Time (s)


Ratio of cumulated rates
50
40
30
20
10
0
0
20
40
60
80
100
120
Time (s)


TCN19-193 (DRex Cu, 0cm)_ratio
Entries 227
Mean 94.09
Std Dev 21.19
Integral 6.056
Average rate ratio
Time (s)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.2
0
20
40
60
80
100
120


TCN19-193 (DRex Cu, 0cm)
TCN19-193 (DRex Cu, 0cm)_ch
Entries 75210
Mean 4.006
Std Dev 2.699
Integral 7.521e+04
Count
Channel
0
2000
4000
6000
8000
10000
12000
14000
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)