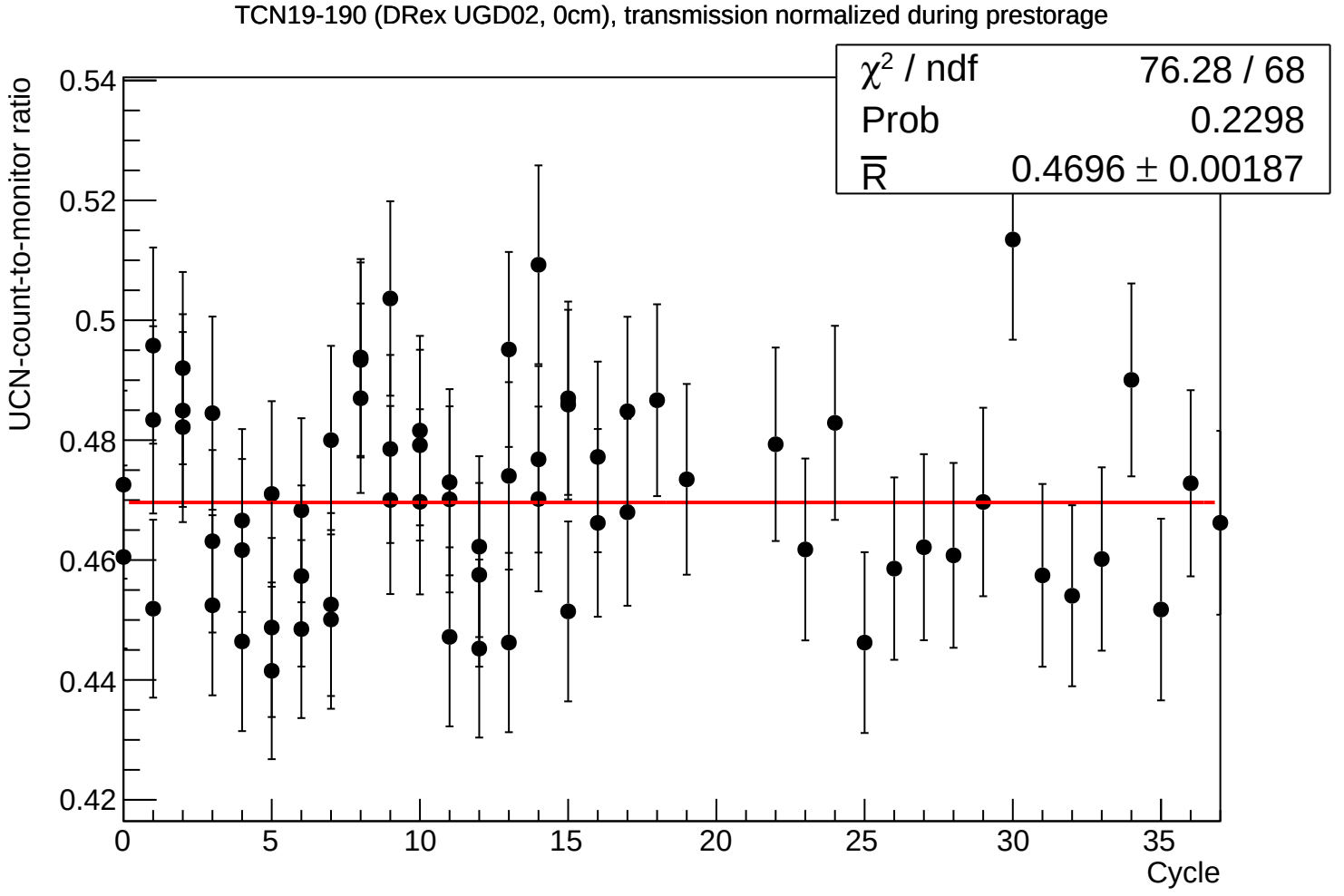
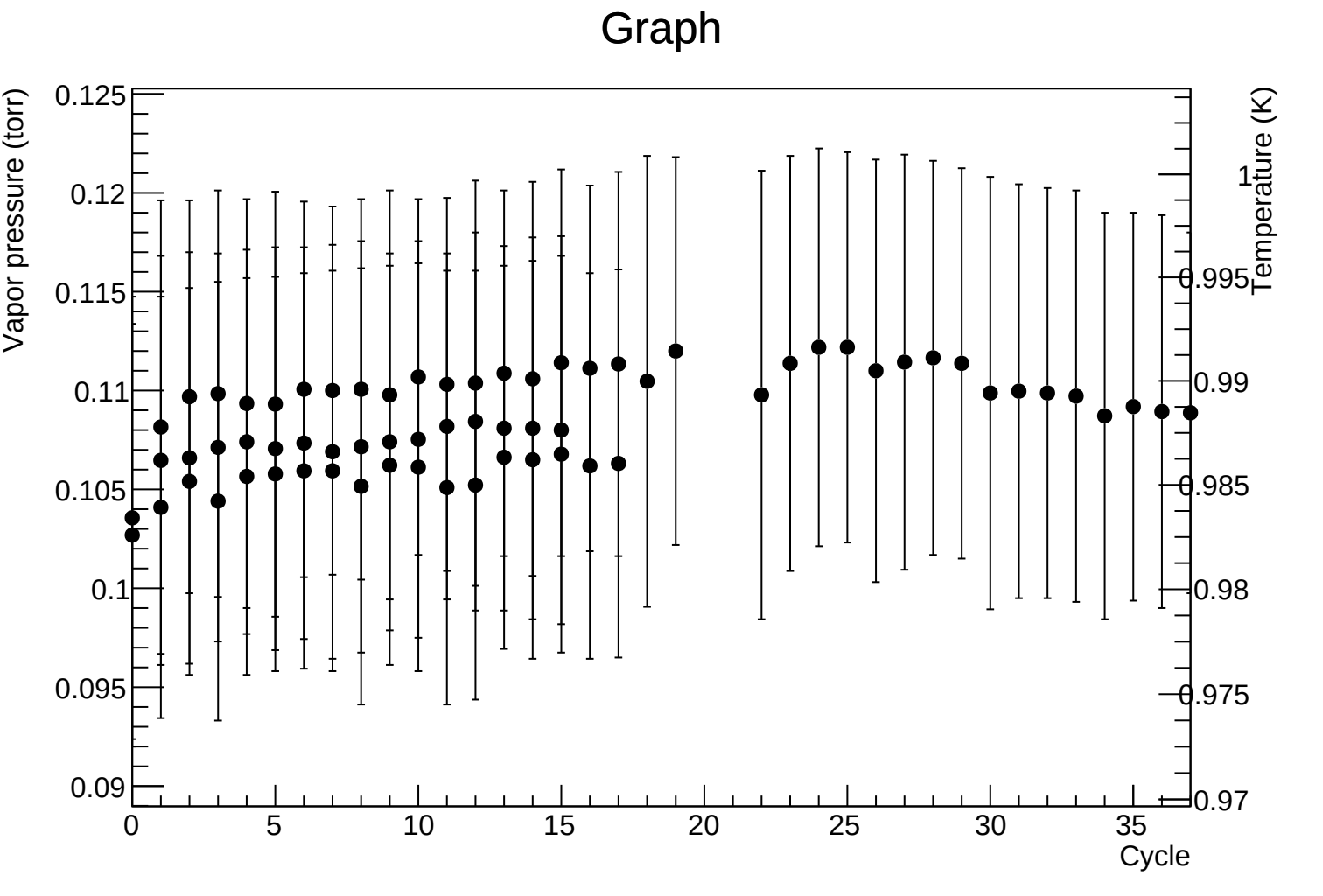
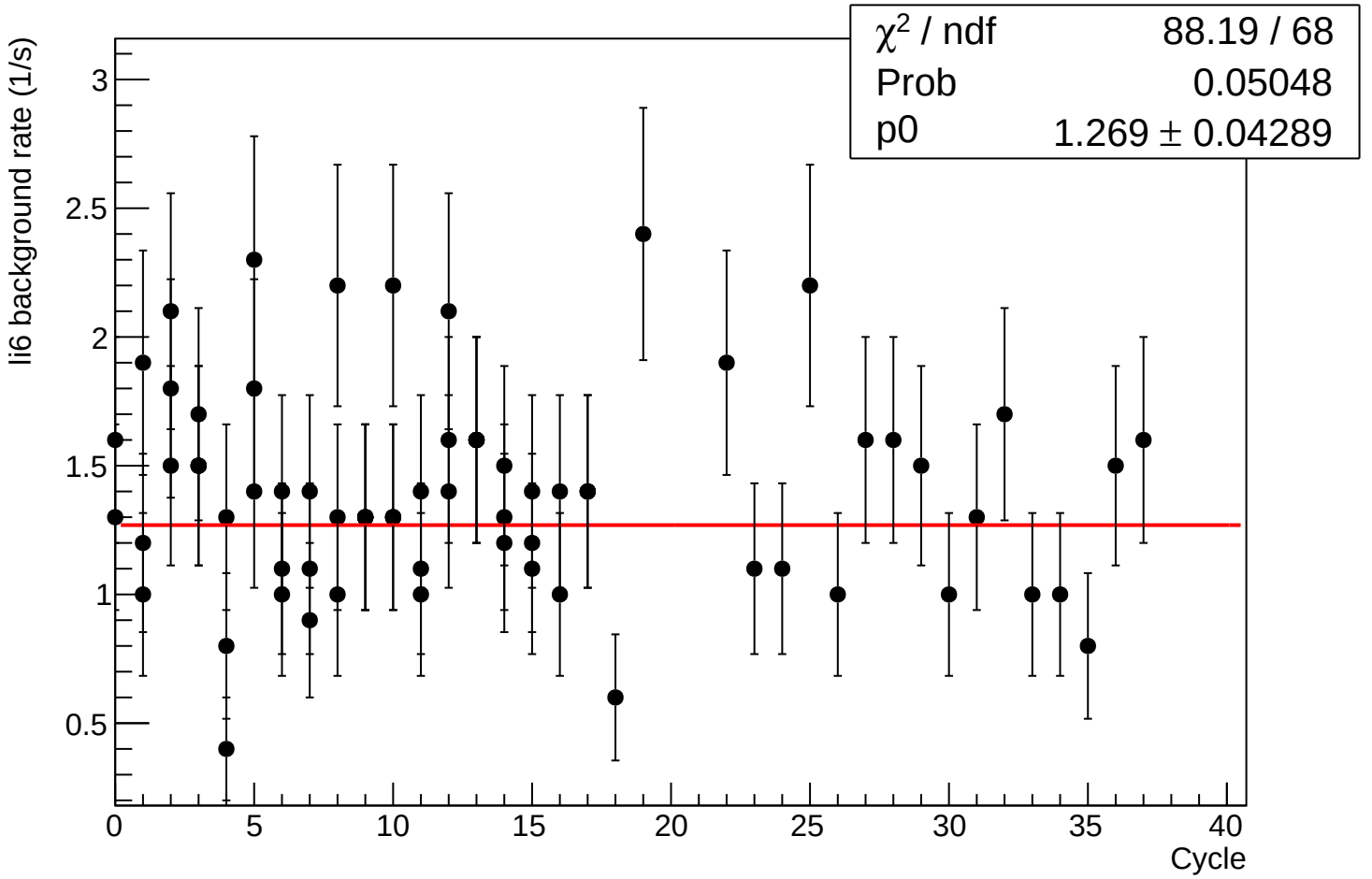
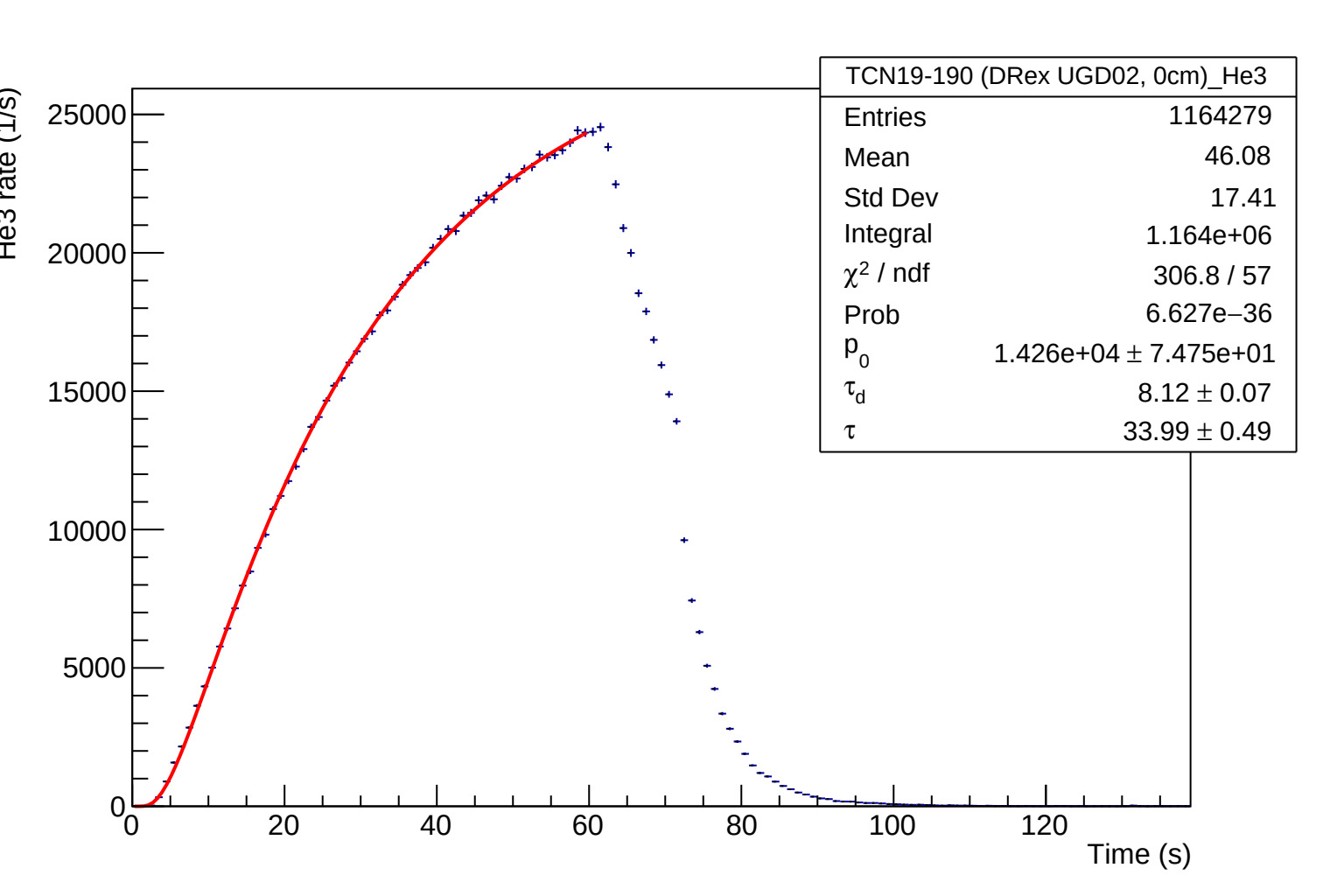
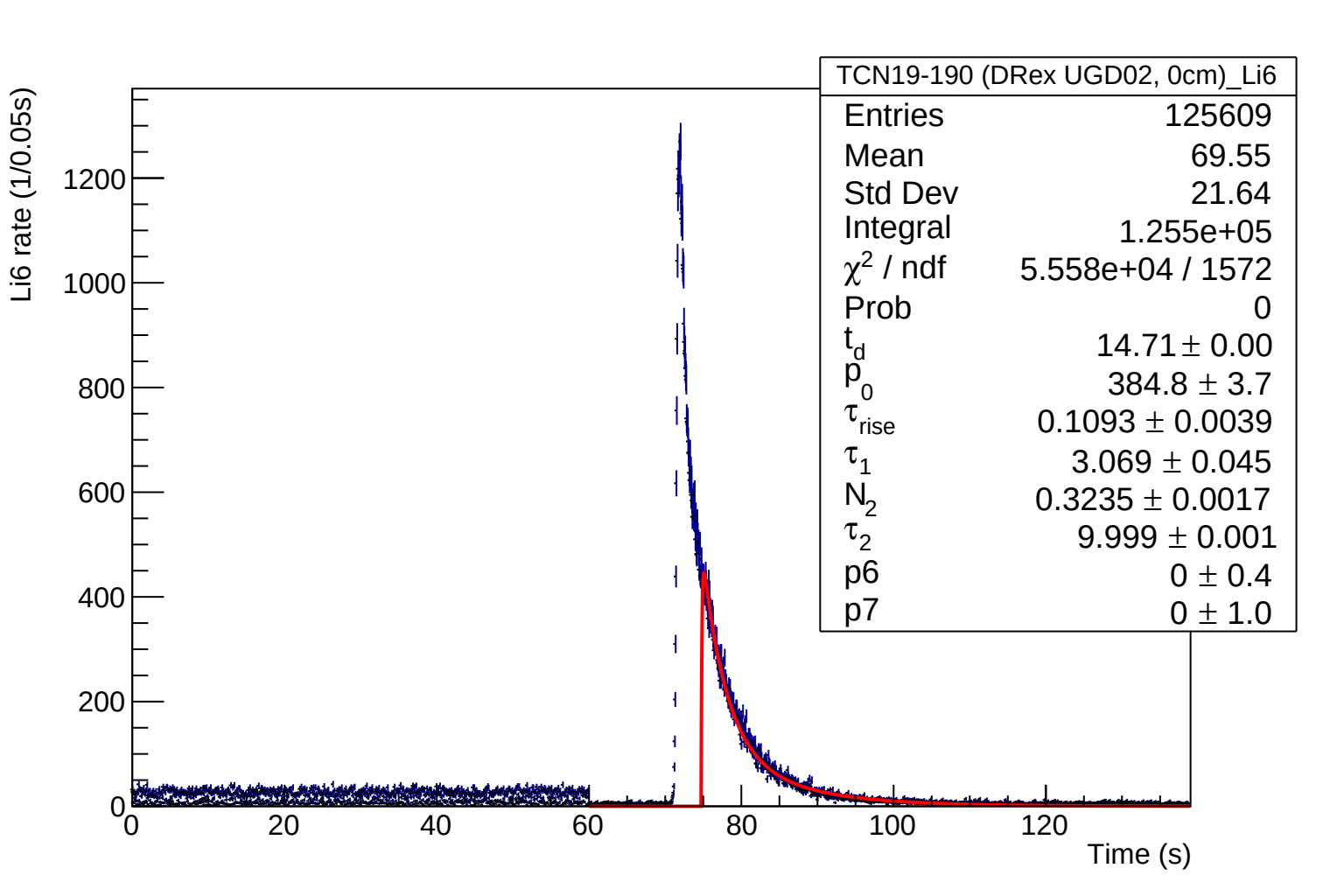
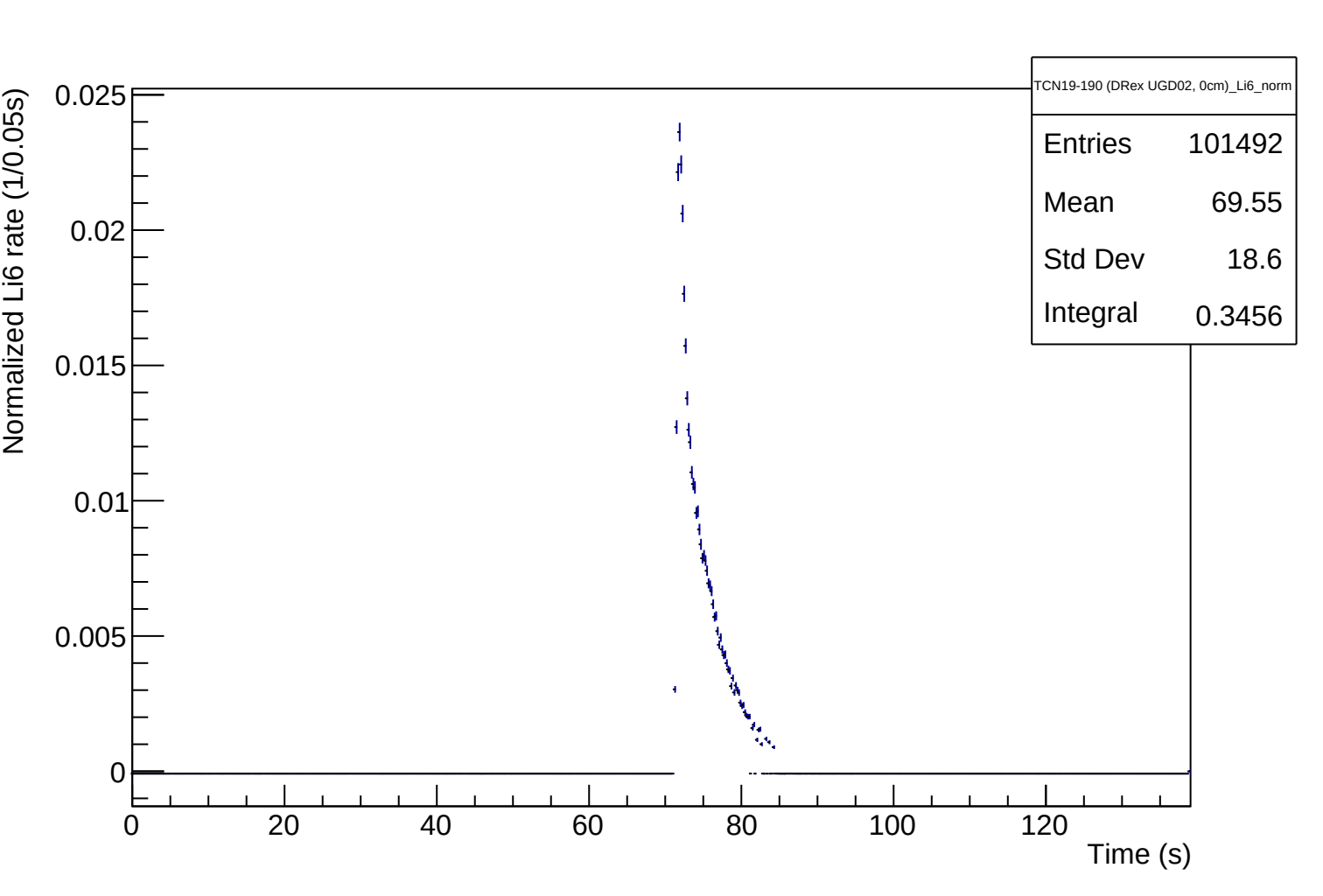

TCN19-190 (DRex UGD02, 0cm), transmission normalized during prestorage
χ^2 / ndf 76.28 / 68
Prob 0.2298
$\overline{R}$ 0.4696 ± 0.00187
UCN-count-to-monitor ratio
0.54
0.52
0.5
0.48
0.46
0.44
0.42
0
5
10
15
20
25
30
35
Cycle

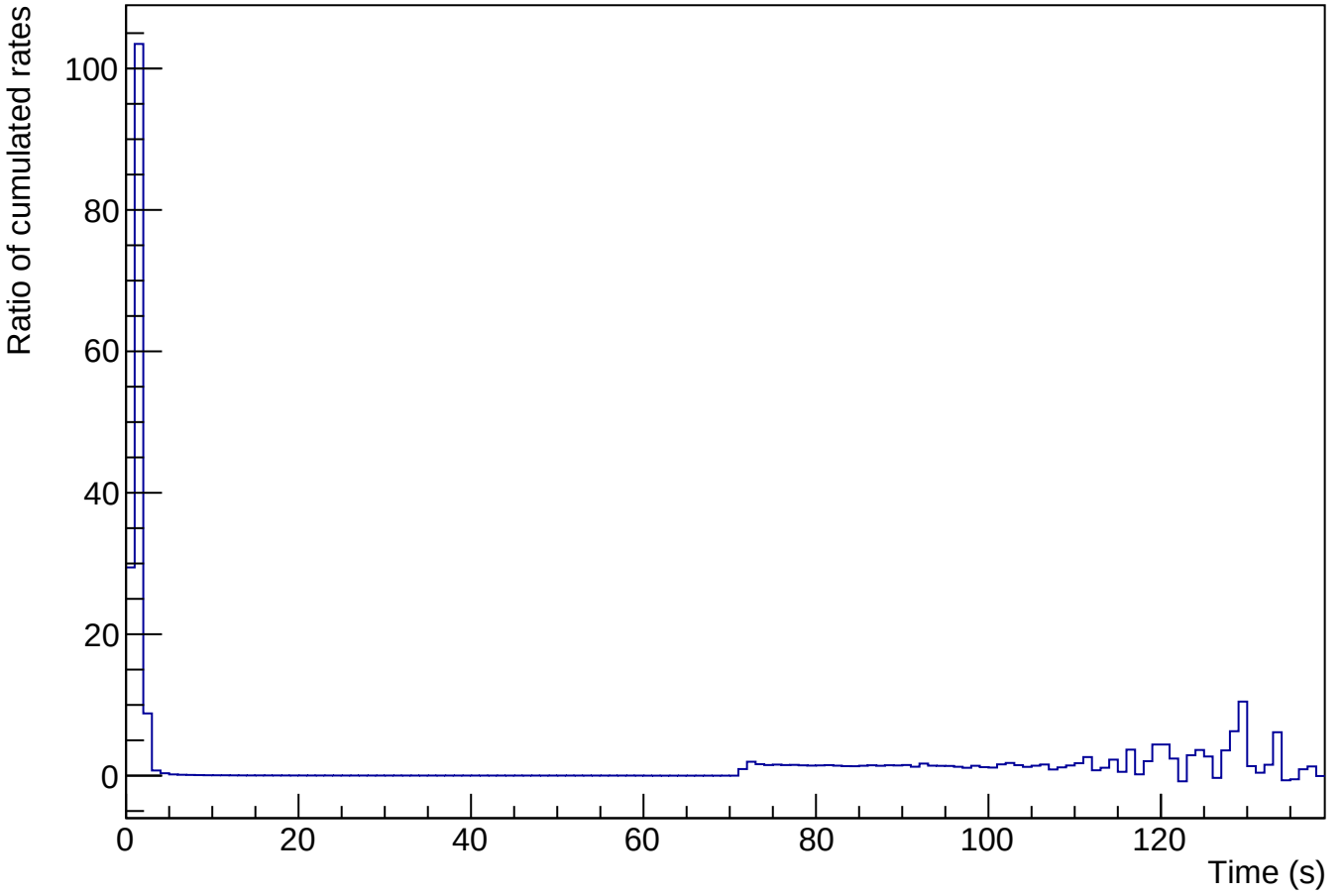

Graph
Vapor pressure (torr)
Temperature (K)
Cycle
0.125
0.12
0.115
0.11
0.105
0.1
0.095
0.09
1
0.995
0.99
0.985
0.98
0.975
0.97
0
5
10
15
20
25
30
35

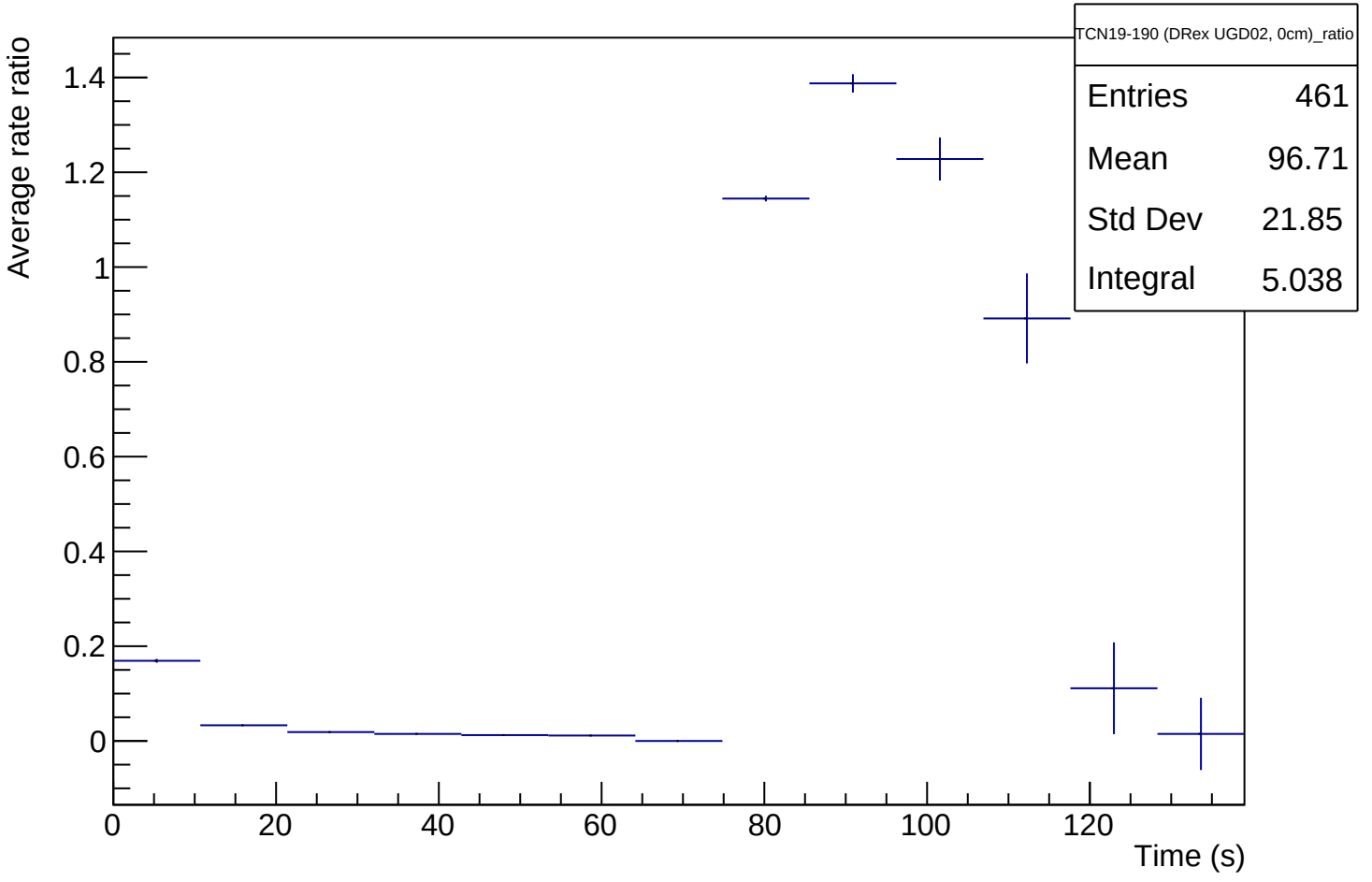

li6 background rate (1/s)
Cycle
χ² / ndf 88.19 / 68
Prob 0.05048
p0 1.269 ± 0.04289
0
5
10
15
20
25
30
35
40
0.5
1
1.5
2
2.5
3

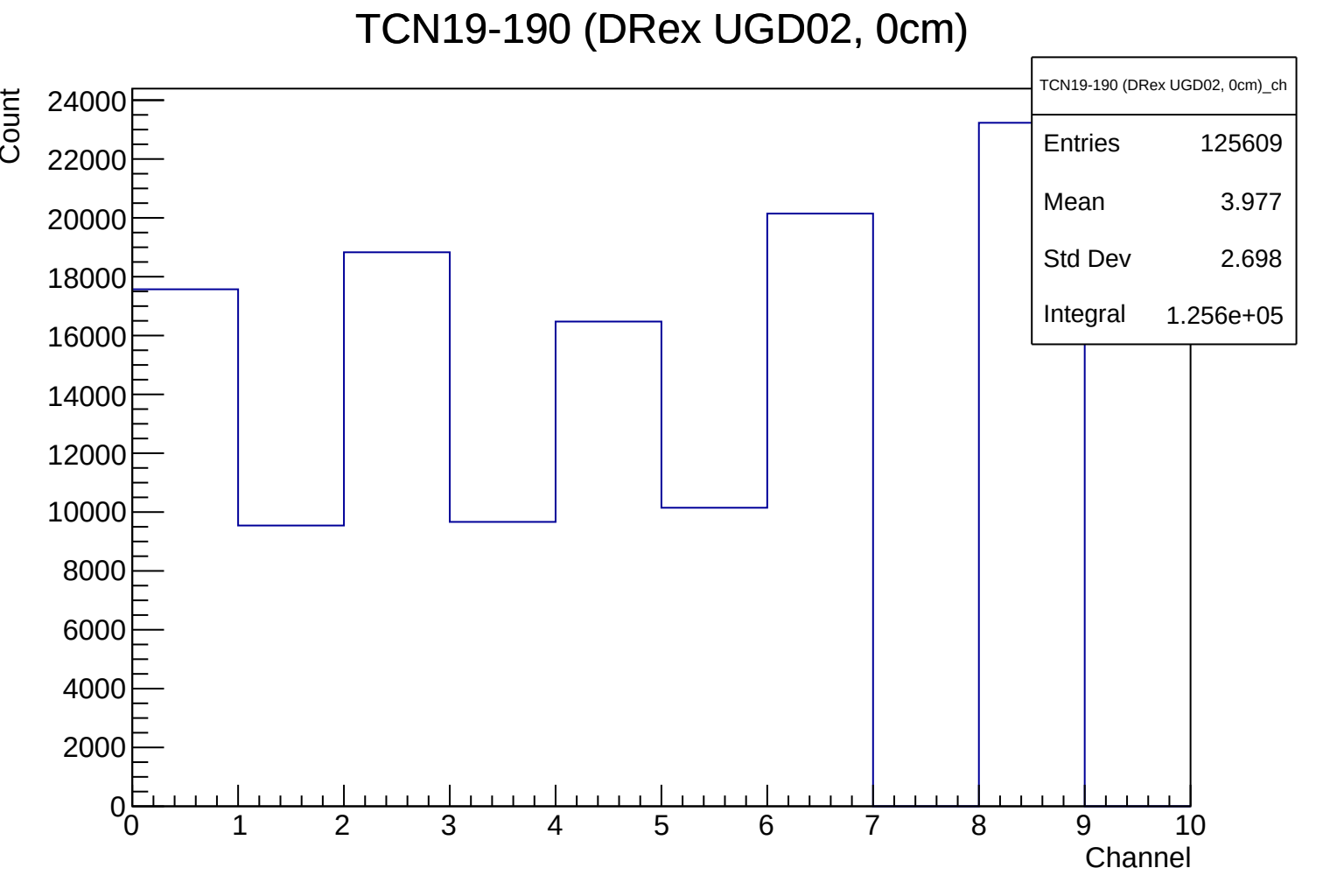

TCN19-190 (DRex UGD02, 0cm)_He3
Entries 1164279
Mean 46.08
Std Dev 17.41
Integral 1.164e+06
χ² / ndf 306.8 / 57
Prob 6.627e−36
p0 1.426e+04 ± 7.475e+01
τd 8.12 ± 0.07
τ 33.99 ± 0.49
He3 rate (1/s)
Time (s)
0
5000
10000
15000
20000
25000
0
20
40
60
80
100
120

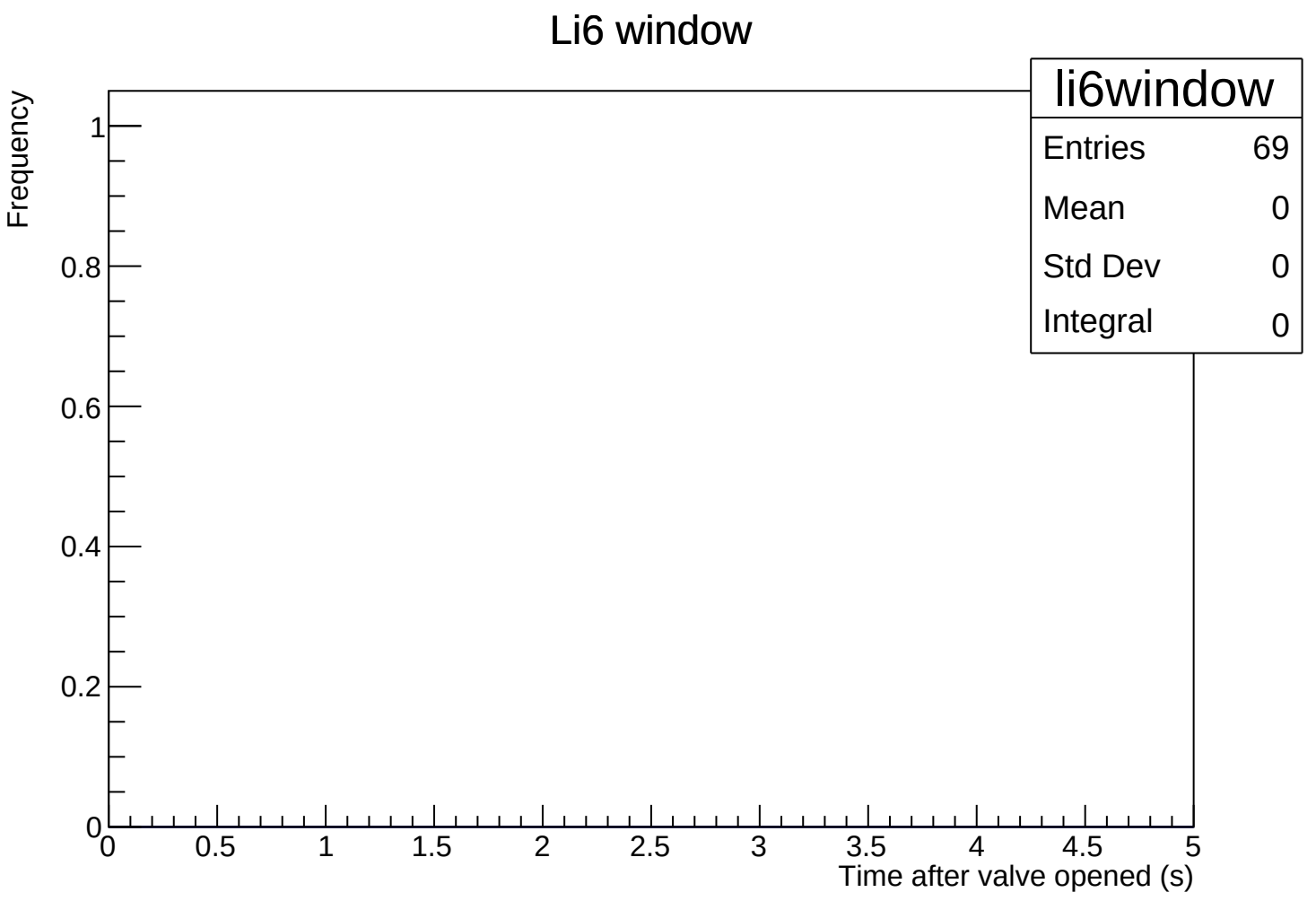

TCN19-190 (DRex UGD02, 0cm)_Li6
Entries 125609
Mean 69.55
Std Dev 21.64
Integral 1.255e+05
χ² / ndf 5.558e+04 / 1572
Prob 0
t_d 14.71 ± 0.00
p_0 384.8 ± 3.7
τ_rise 0.1093 ± 0.0039
τ_1 3.069 ± 0.045
N_2 0.3235 ± 0.0017
τ_2 9.999 ± 0.001
p6 0 ± 0.4
p7 0 ± 1.0
Li6 rate (1/0.05s)
Time (s)
0
200
400
600
800
1000
1200
0
20
40
60
80
100
120


TCN19-190 (DRex UGD02, 0cm)_Li6_norm
Entries 101492
Mean 69.55
Std Dev 18.6
Integral 0.3456
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
100
80
60
40
20
0
0
20
40
60
80
100
120
Time (s)


TCN19-190 (DRex UGD02, 0cm)_ratio
Entries 461
Mean 96.71
Std Dev 21.85
Integral 5.038
Average rate ratio
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
20
40
60
80
100
120
Time (s)


TCN19-190 (DRex UGD02, 0cm)
TCN19-190 (DRex UGD02, 0cm)_ch
Entries 125609
Mean 3.977
Std Dev 2.698
Integral 1.256e+05
Count
24000
22000
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0 1 2 3 4 5 6 7 8 9 10
Channel


Li6 window
li6window
Entries 69
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)