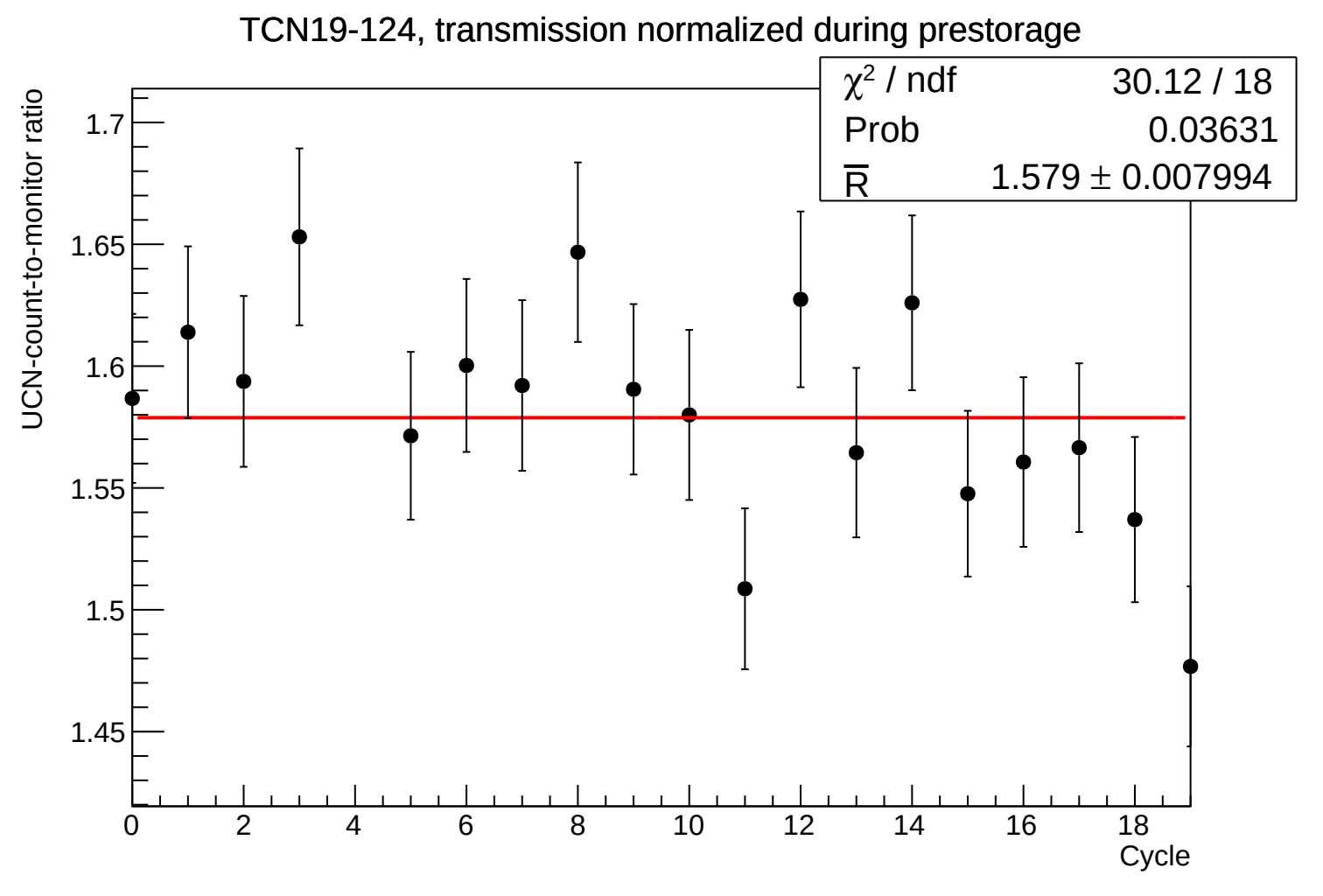
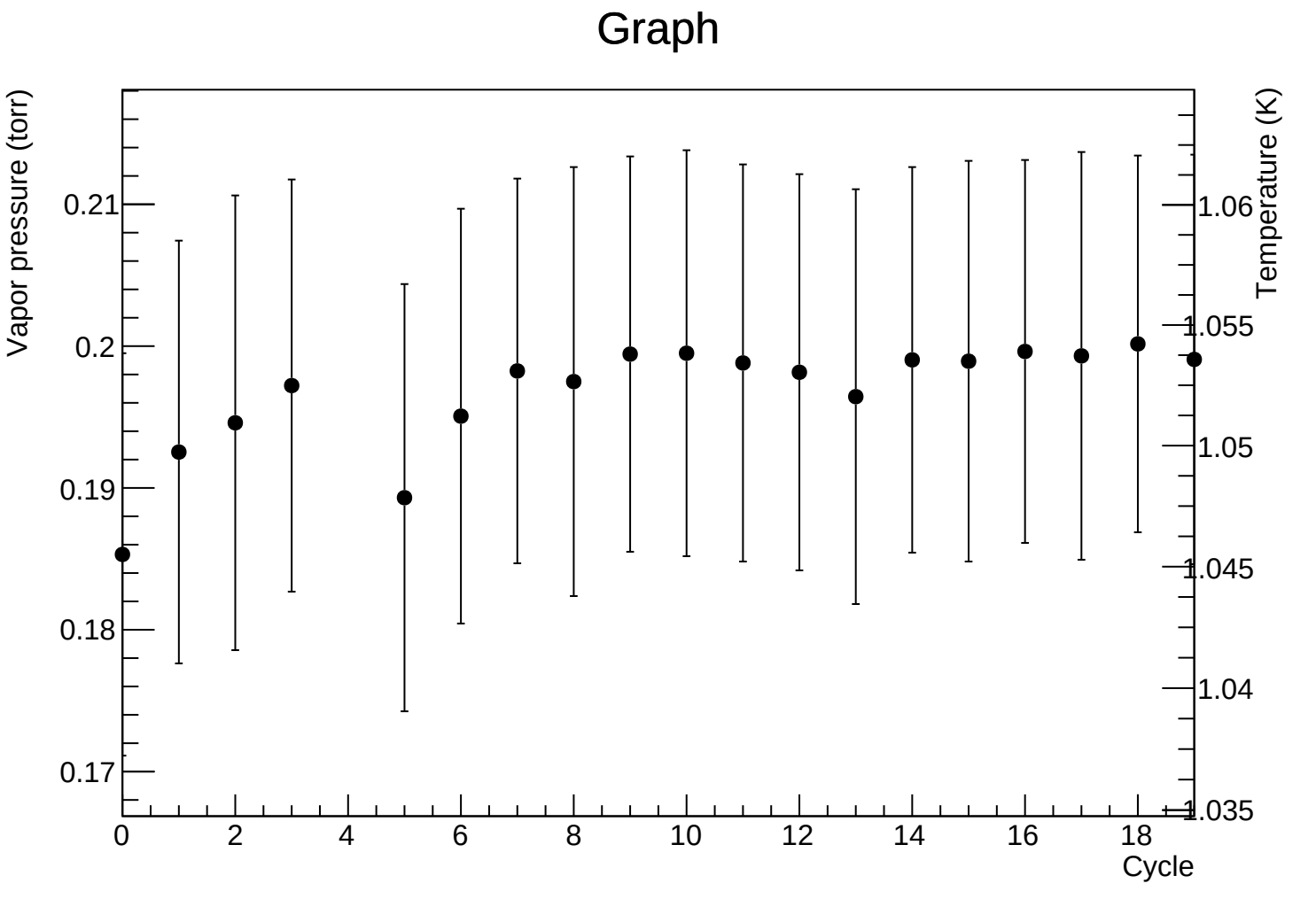
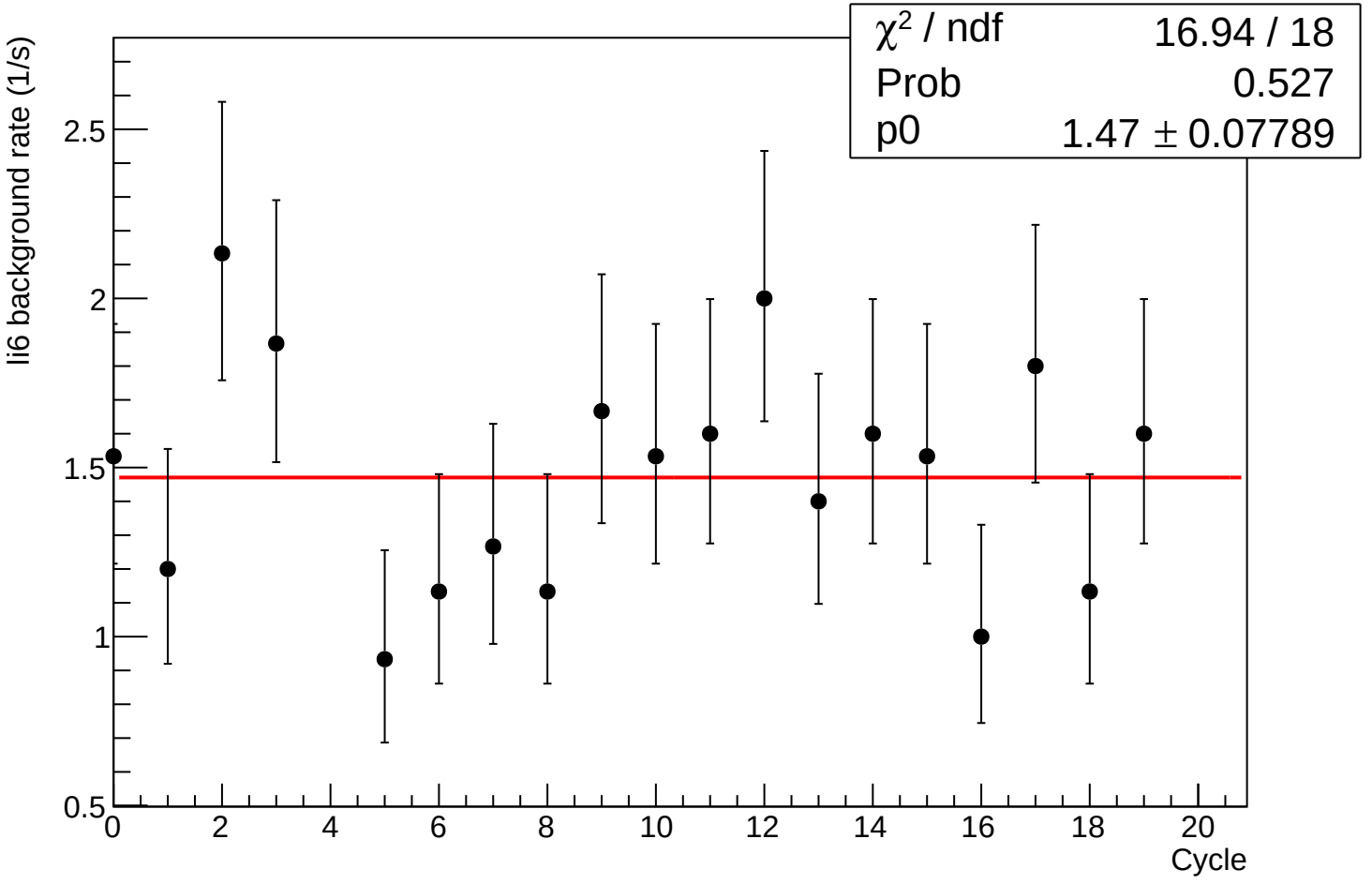
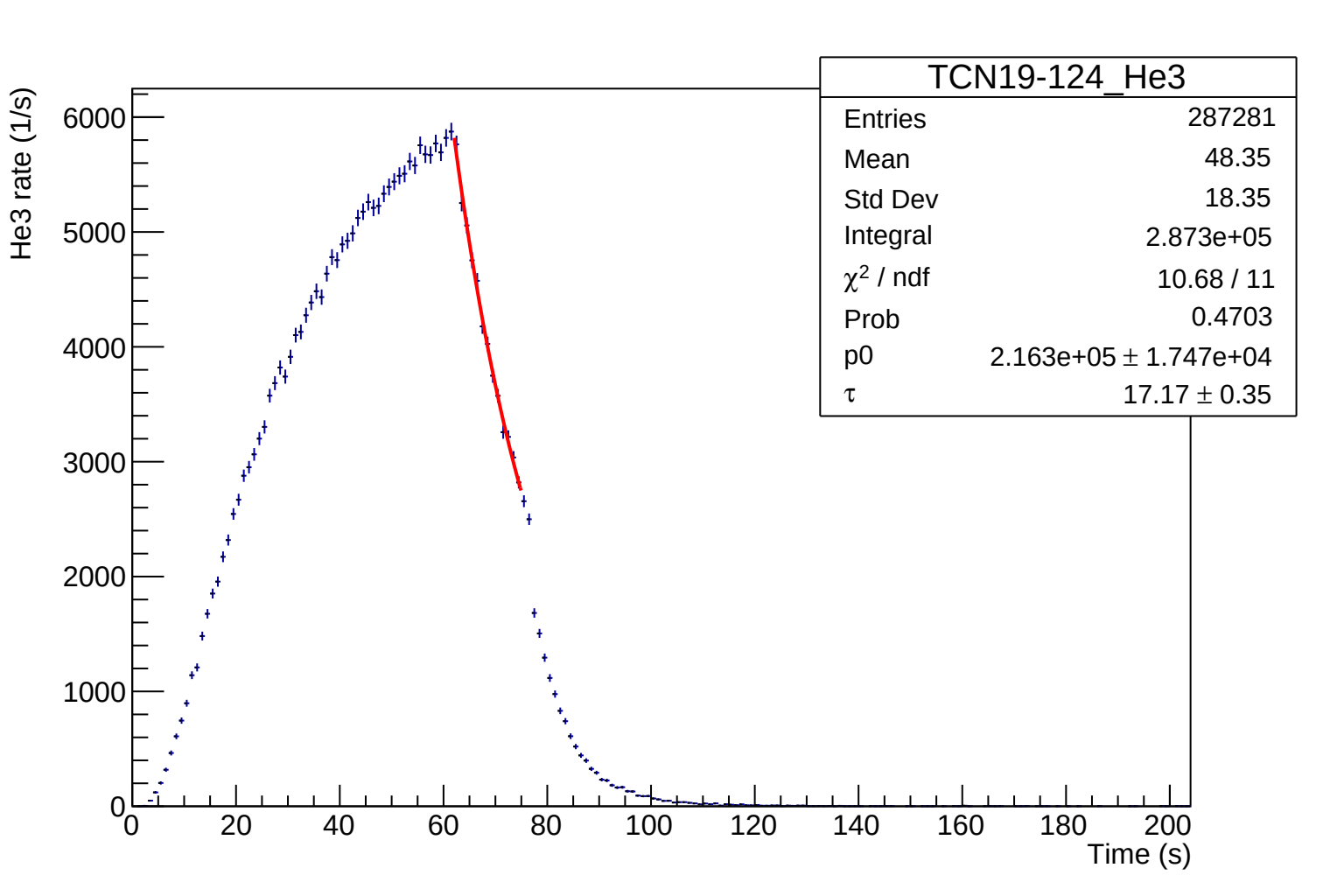
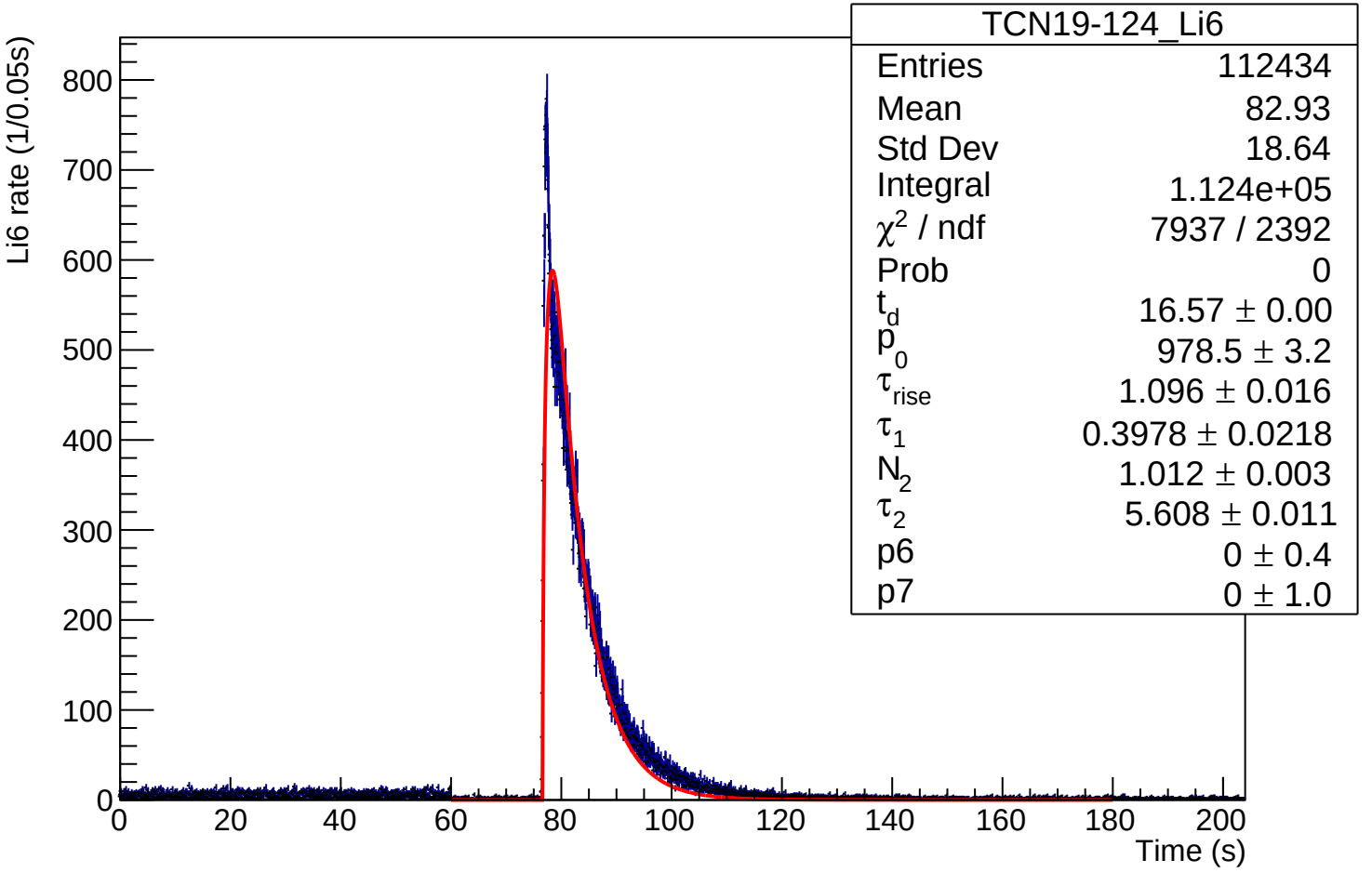
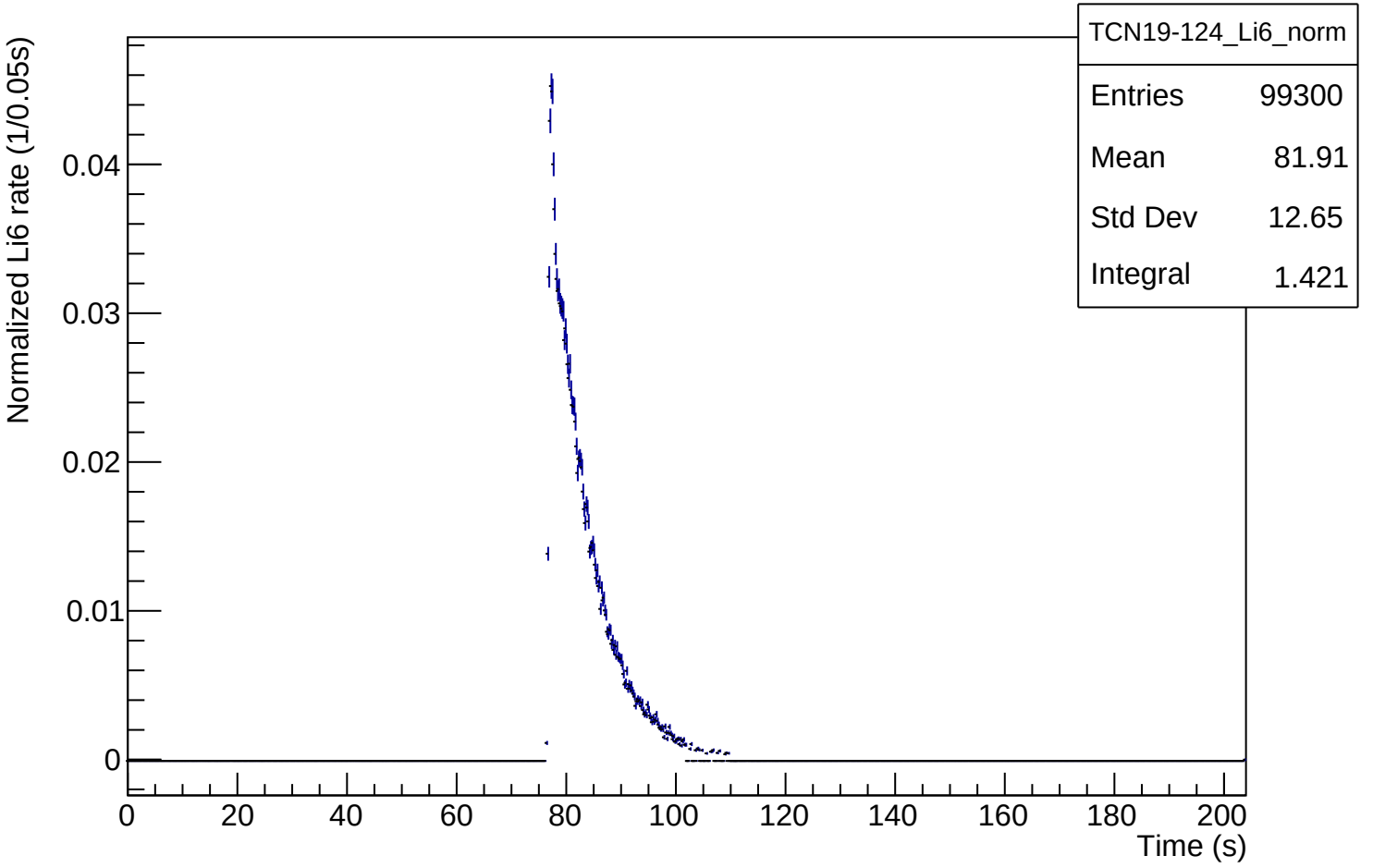

TCN19-124, transmission normalized during prestorage
χ^2 / ndf 30.12 / 18
Prob 0.03631
$\overline{R}$ 1.579 ± 0.007994
UCN-count-to-monitor ratio
1.7
1.65
1.6
1.55
1.5
1.45
0
2
4
6
8
10
12
14
16
18
Cycle

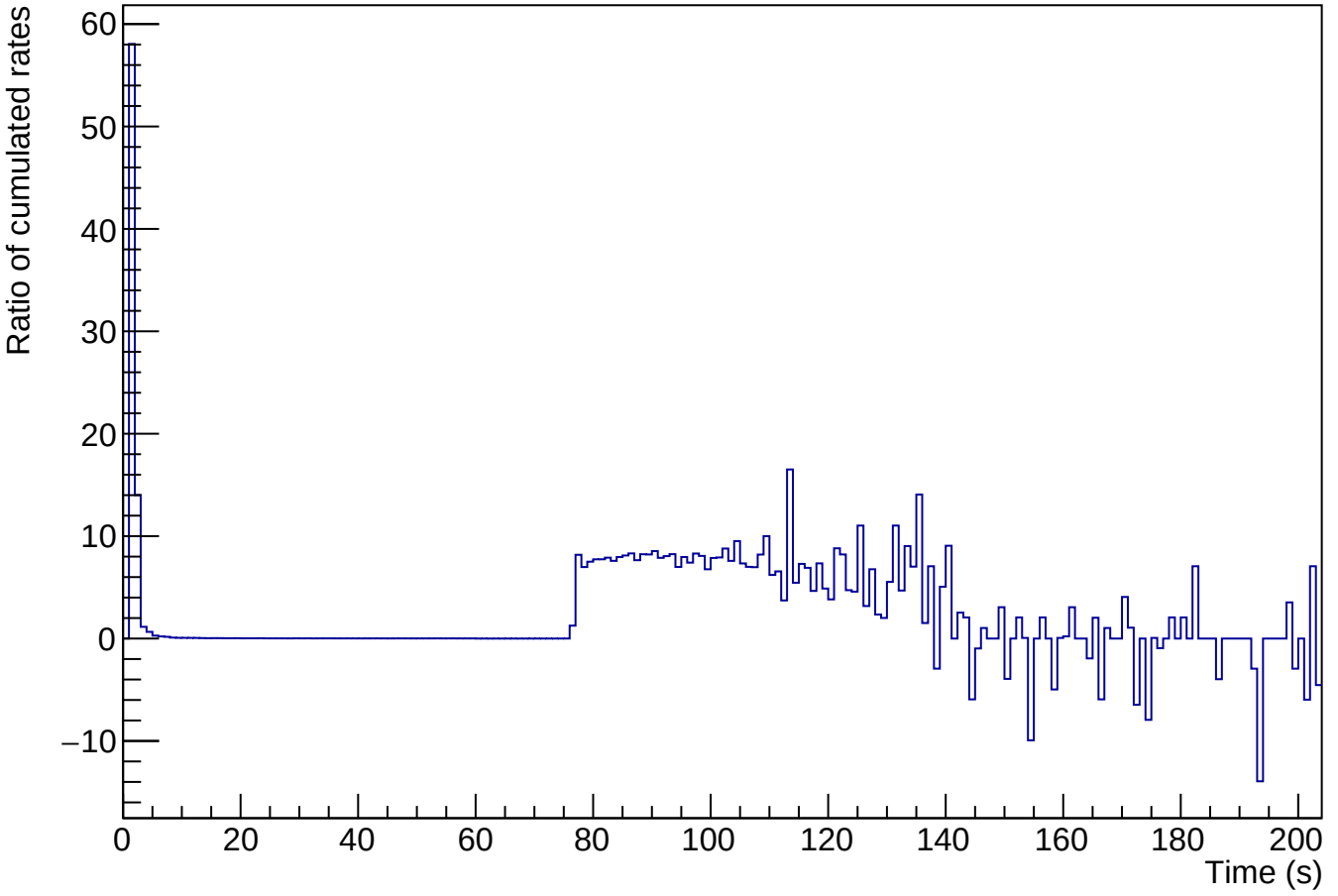

Graph
Vapor pressure (torr)
0.21
0.2
0.19
0.18
0.17
Temperature (K)
1.06
1.055
1.05
1.045
1.04
1.035
0
2
4
6
8
10
12
14
16
18
Cycle

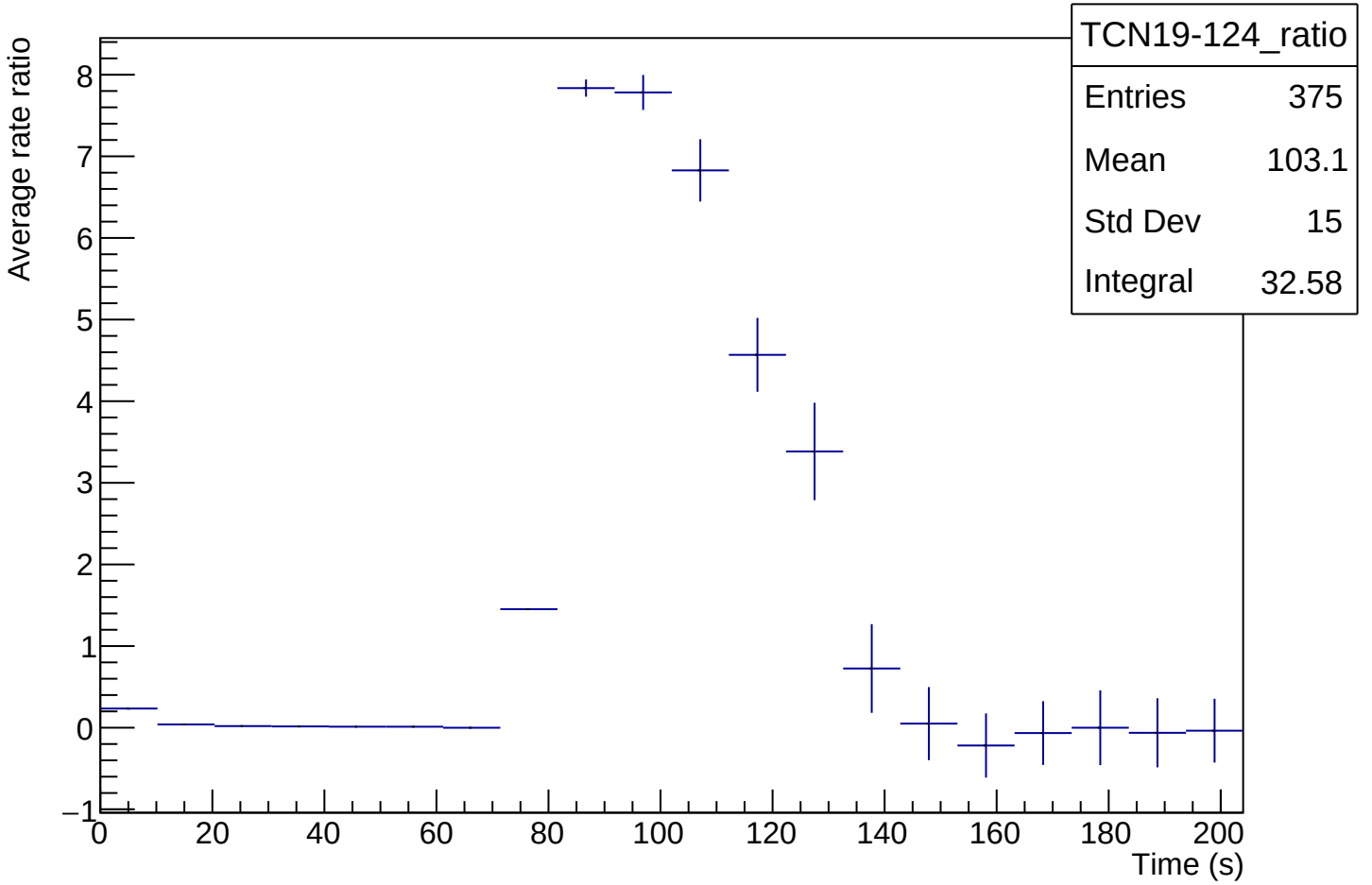

χ² / ndf 16.94 / 18
Prob 0.527
p0 1.47 ± 0.07789
li6 background rate (1/s)
0.5
1
1.5
2
2.5
0
2
4
6
8
10
12
14
16
18
20
Cycle

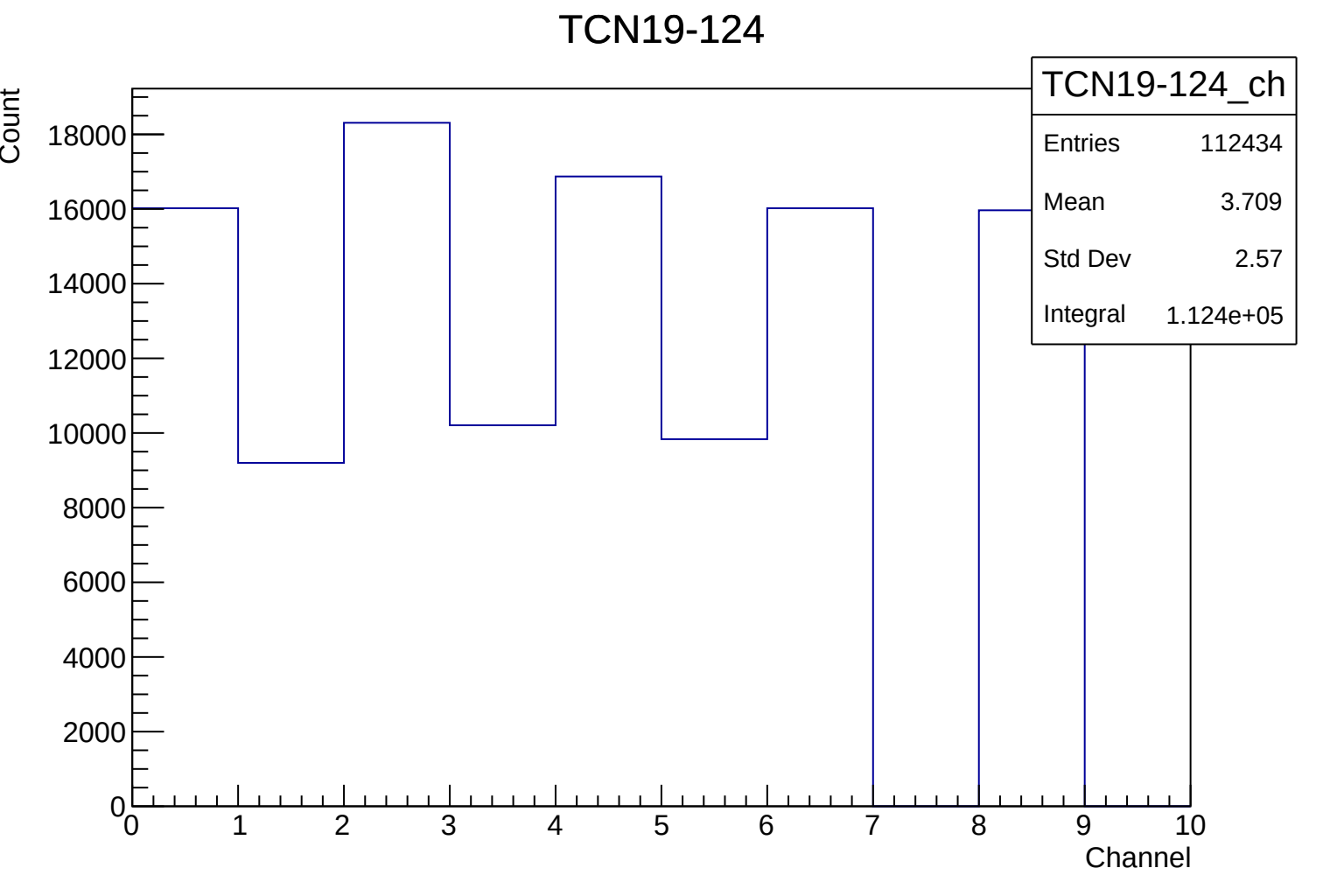

TCN19-124_He3
Entries 287281
Mean 48.35
Std Dev 18.35
Integral 2.873e+05
χ² / ndf 10.68 / 11
Prob 0.4703
p0 2.163e+05 ± 1.747e+04
τ 17.17 ± 0.35
He3 rate (1/s)
Time (s)
0
1000
2000
3000
4000
5000
6000
0
20
40
60
80
100
120
140
160
180
200

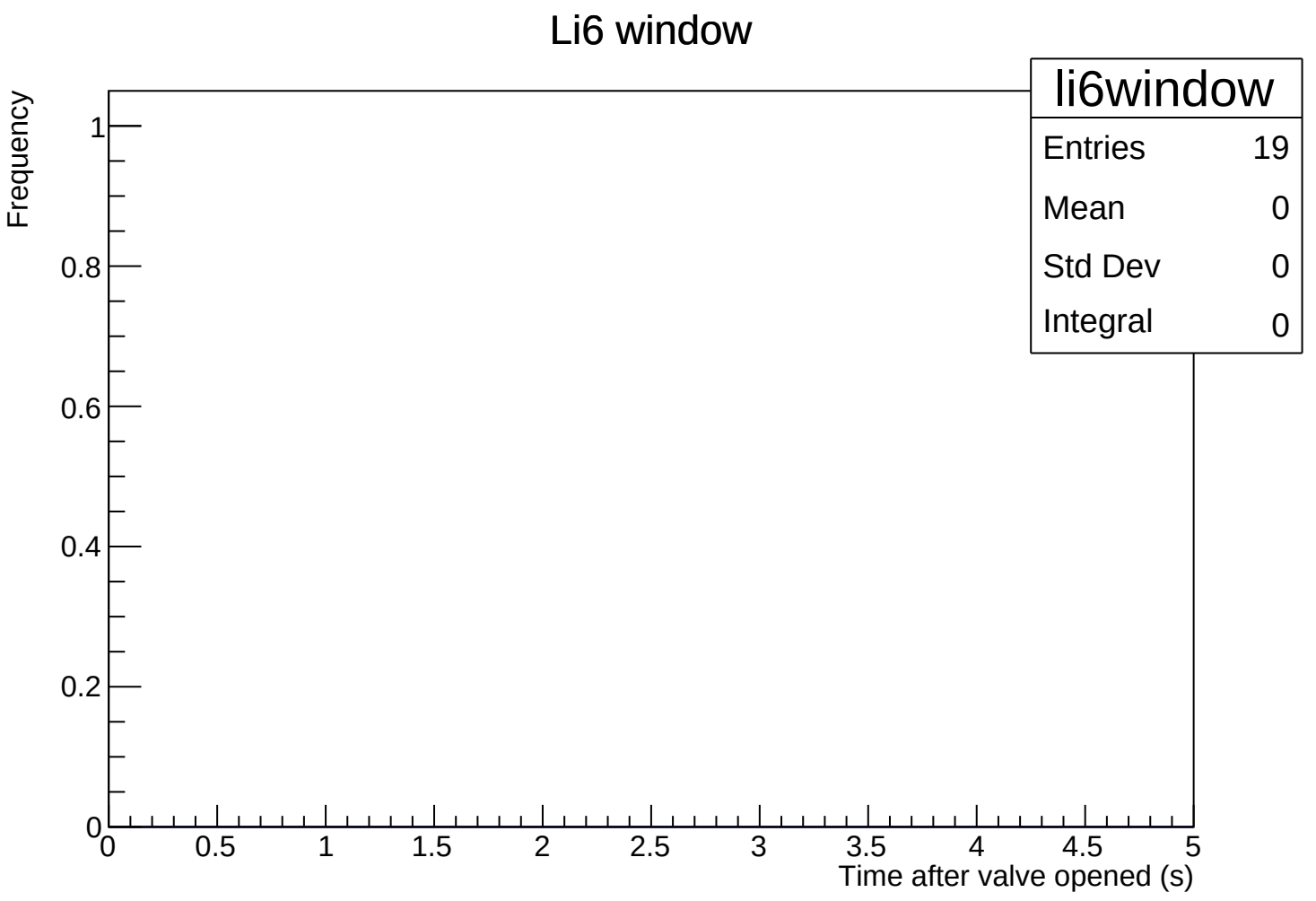

TCN19-124_Li6
Entries 112434
Mean 82.93
Std Dev 18.64
Integral 1.124e+05
χ^2 / ndf 7937 / 2392
Prob 0
t_d 16.57 ± 0.00
p_0 978.5 ± 3.2
τ_{rise} 1.096 ± 0.016
τ_1 0.3978 ± 0.0218
N_2 1.012 ± 0.003
τ_2 5.608 ± 0.011
p6 0 ± 0.4
p7 0 ± 1.0
Li6 rate (1/0.05s)
0
100
200
300
400
500
600
700
800
0
20
40
60
80
100
120
140
160
180
200
Time (s)


TCN19-124_Li6_norm
Entries 99300
Mean 81.91
Std Dev 12.65
Integral 1.421
Normalized Li6 rate (1/0.05s)
0
0.01
0.02
0.03
0.04
0
20
40
60
80
100
120
140
160
180
200
Time (s)


Ratio of cumulated rates
60
50
40
30
20
10
0
−10
0
20
40
60
80
100
120
140
160
180
200
Time (s)


TCN19-124_ratio
Entries 375
Mean 103.1
Std Dev 15
Integral 32.58
Average rate ratio
Time (s)
−1
0
1
2
3
4
5
6
7
8
0
20
40
60
80
100
120
140
160
180
200


TCN19-124
TCN19-124_ch
Entries 112434
Mean 3.709
Std Dev 2.57
Integral 1.124e+05
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 19
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)