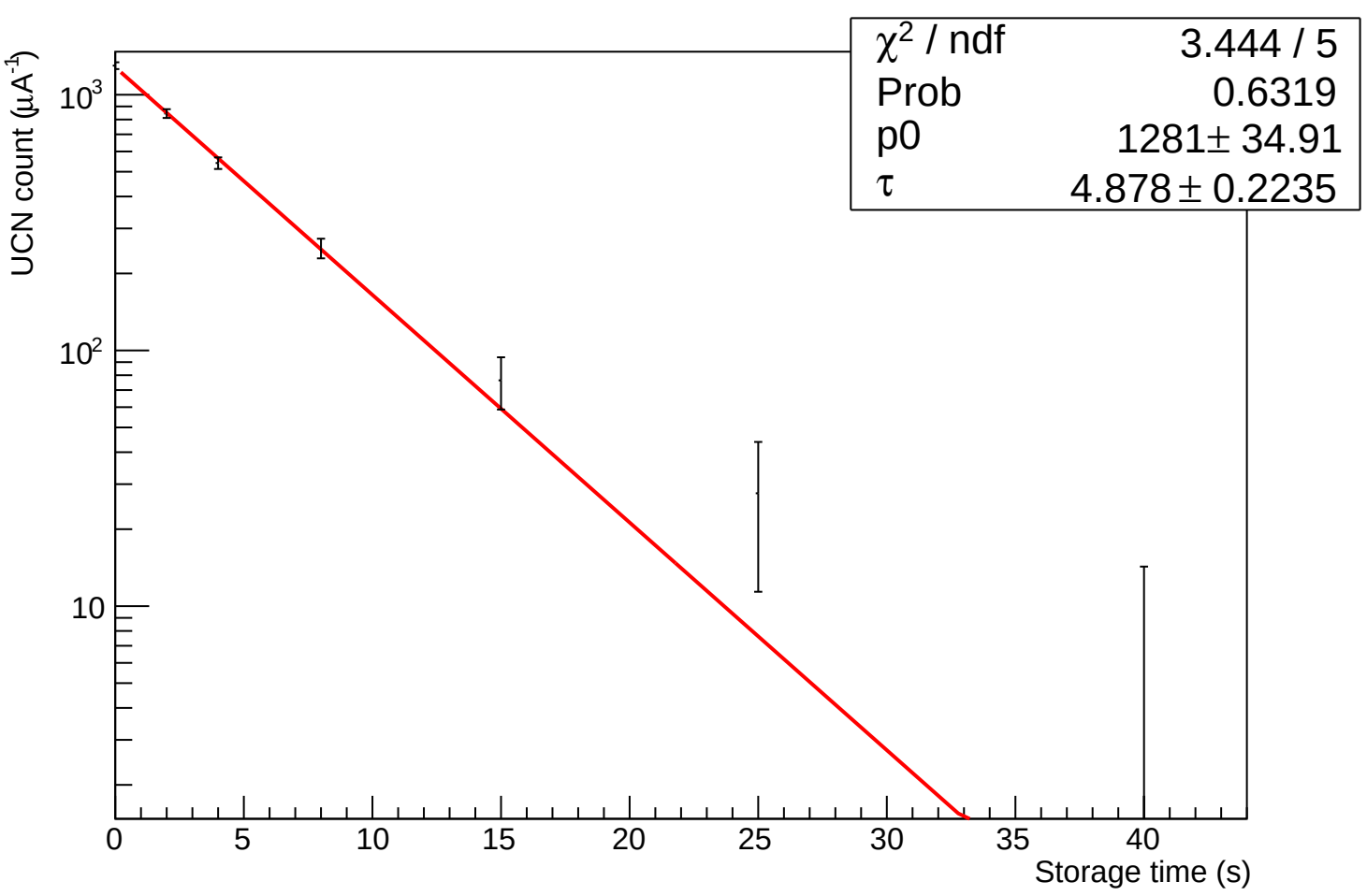
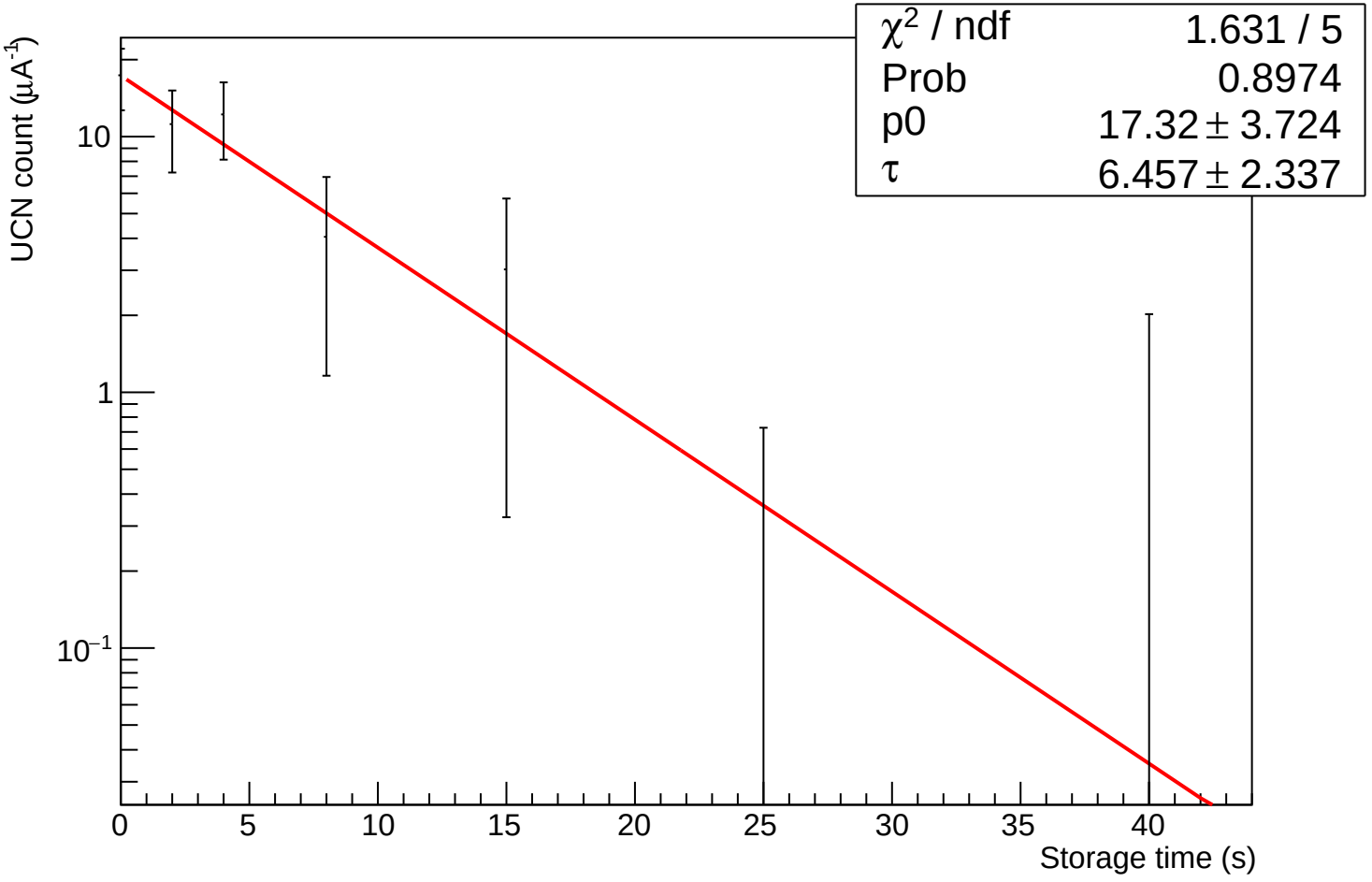
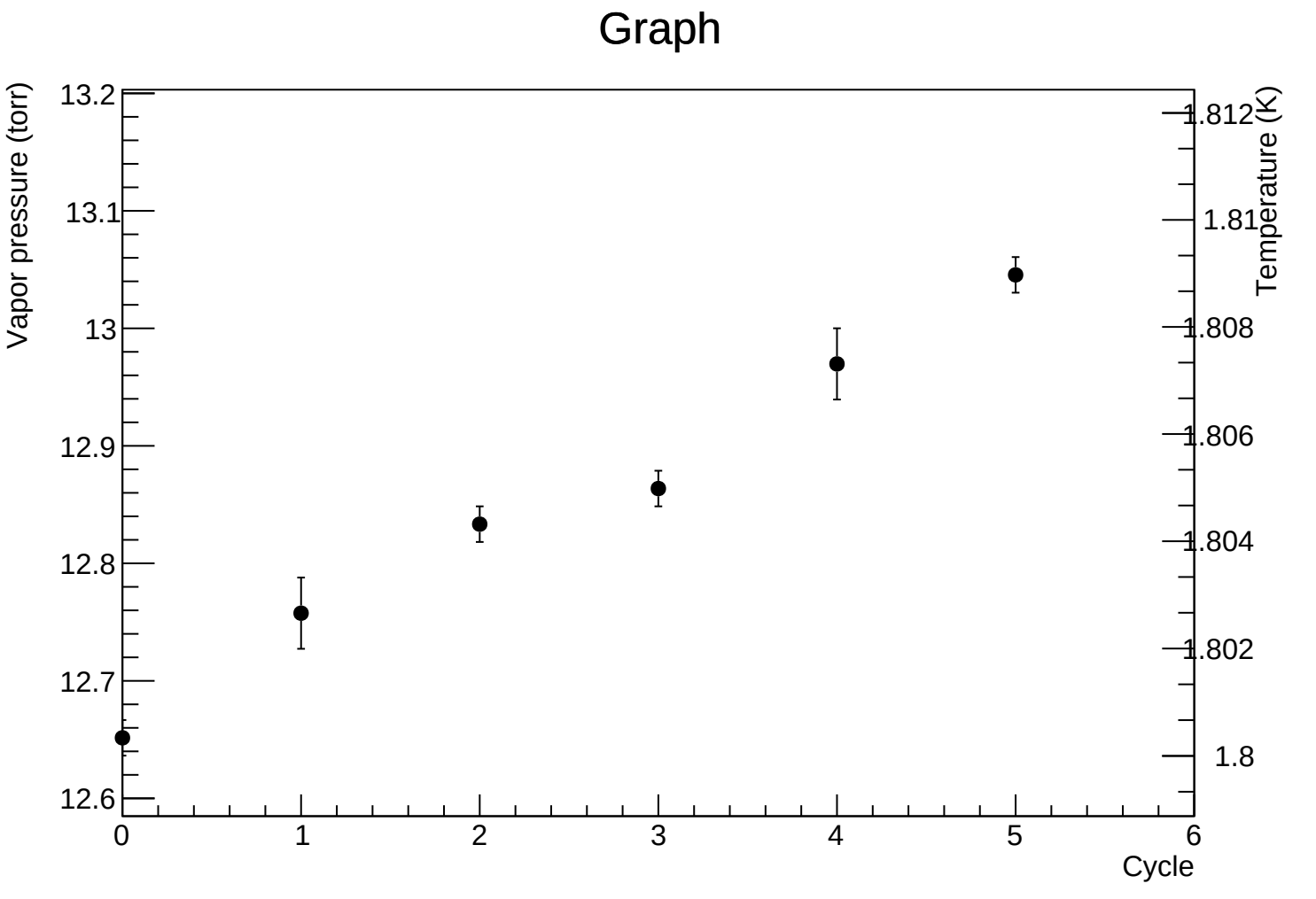
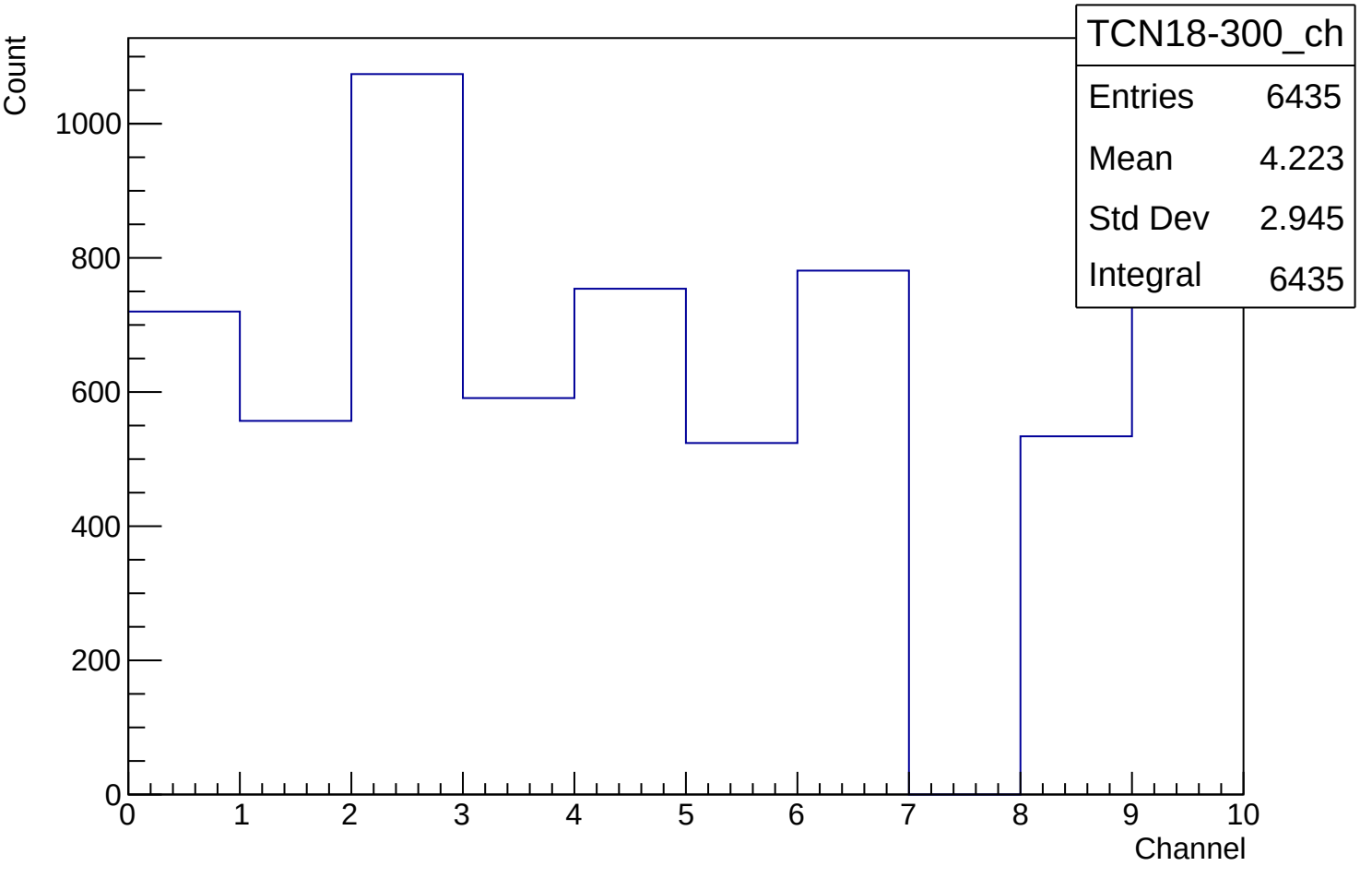

TCN18-300 (li6 detector, single exponential fit, background subtracted, normalized to beam current)
χ2 / ndf 3.444 / 5
Prob 0.6319
p0 1281 ± 34.91
τ 4.878 ± 0.2235
UCN count (μA-1)
10³
10²
10
0
5
10
15
20
25
30
35
40
Storage time (s)


TCN18-300 (he3 detector, single exponential fit, background subtracted, normalized to beam current)
χ² / ndf 1.631 / 5
Prob 0.8974
p0 17.32 ± 3.724
τ 6.457 ± 2.337
UCN count (μA⁻¹)
10
1
10⁻¹
0
5
10
15
20
25
30
35
40
Storage time (s)


Graph
Vapor pressure (torr)
13.2
13.1
13
12.9
12.8
12.7
12.6
Temperature (K)
1.812
1.81
1.808
1.806
1.804
1.802
1.8
0
1
2
3
4
5
6
Cycle


TCN18-300
TCN18-300_ch
Entries 6435
Mean 4.223
Std Dev 2.945
Integral 6435
Count
0
200
400
600
800
1000
0
1
2
3
4
5
6
7
8
9
10
Channel