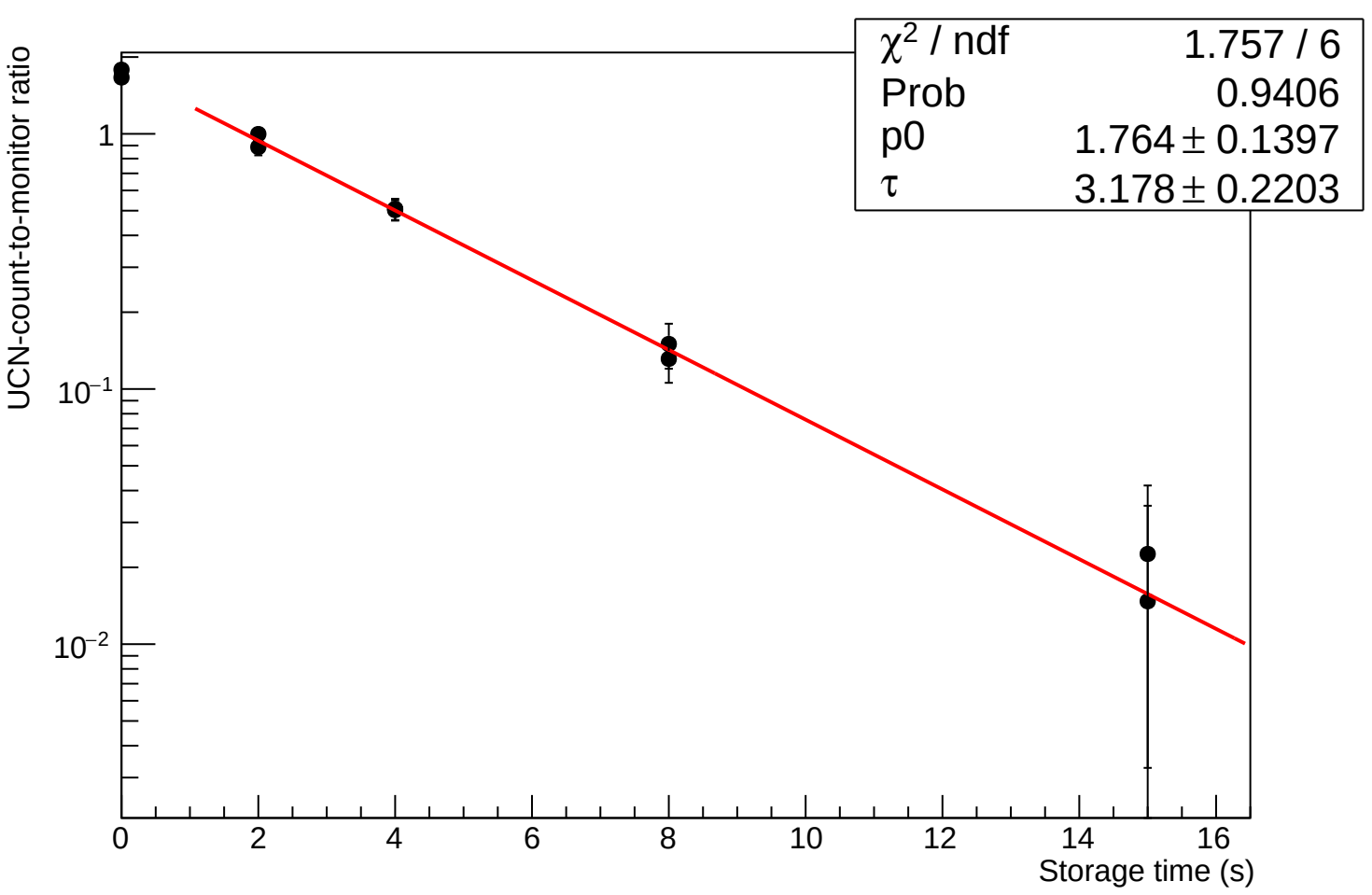
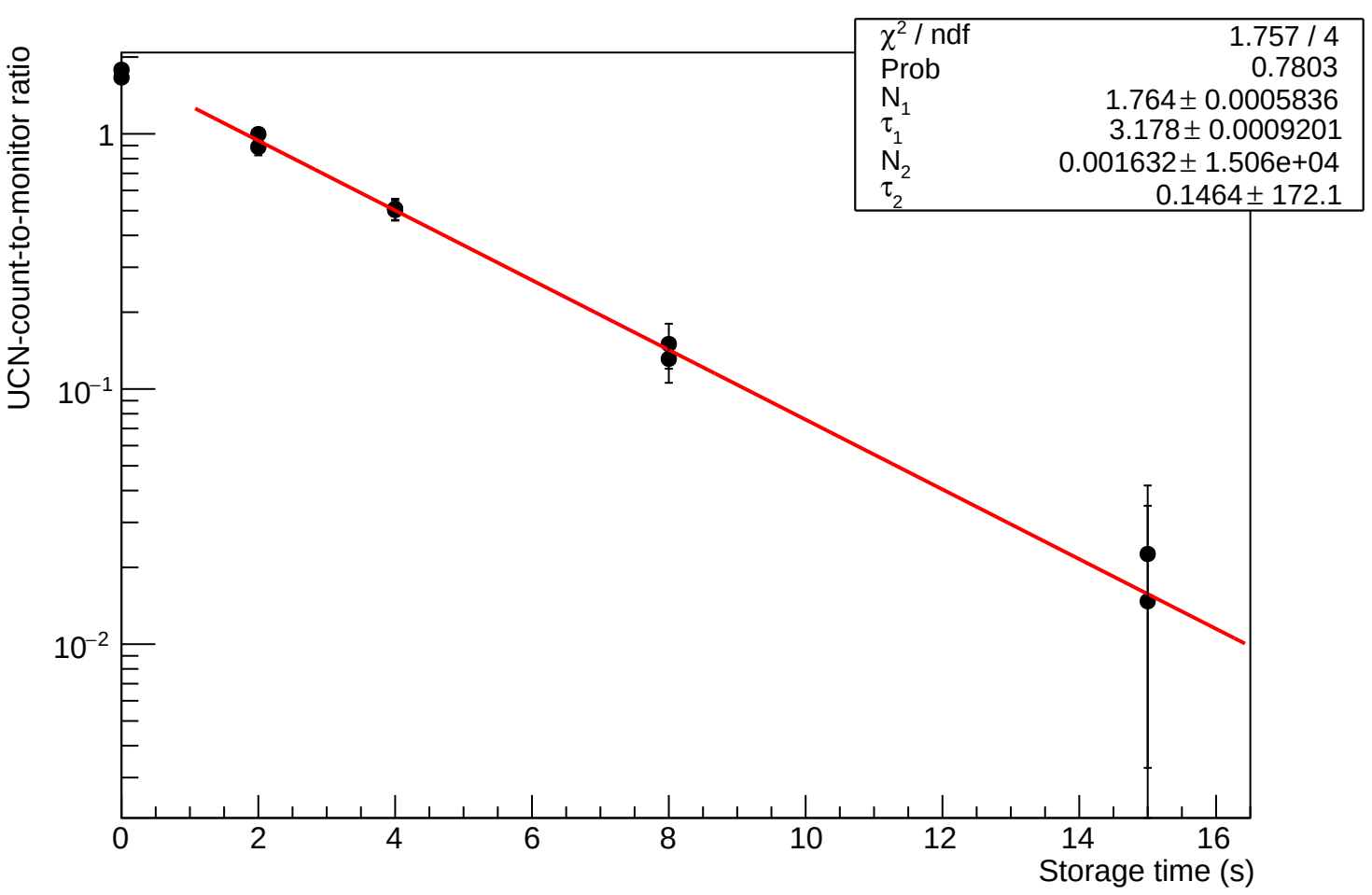
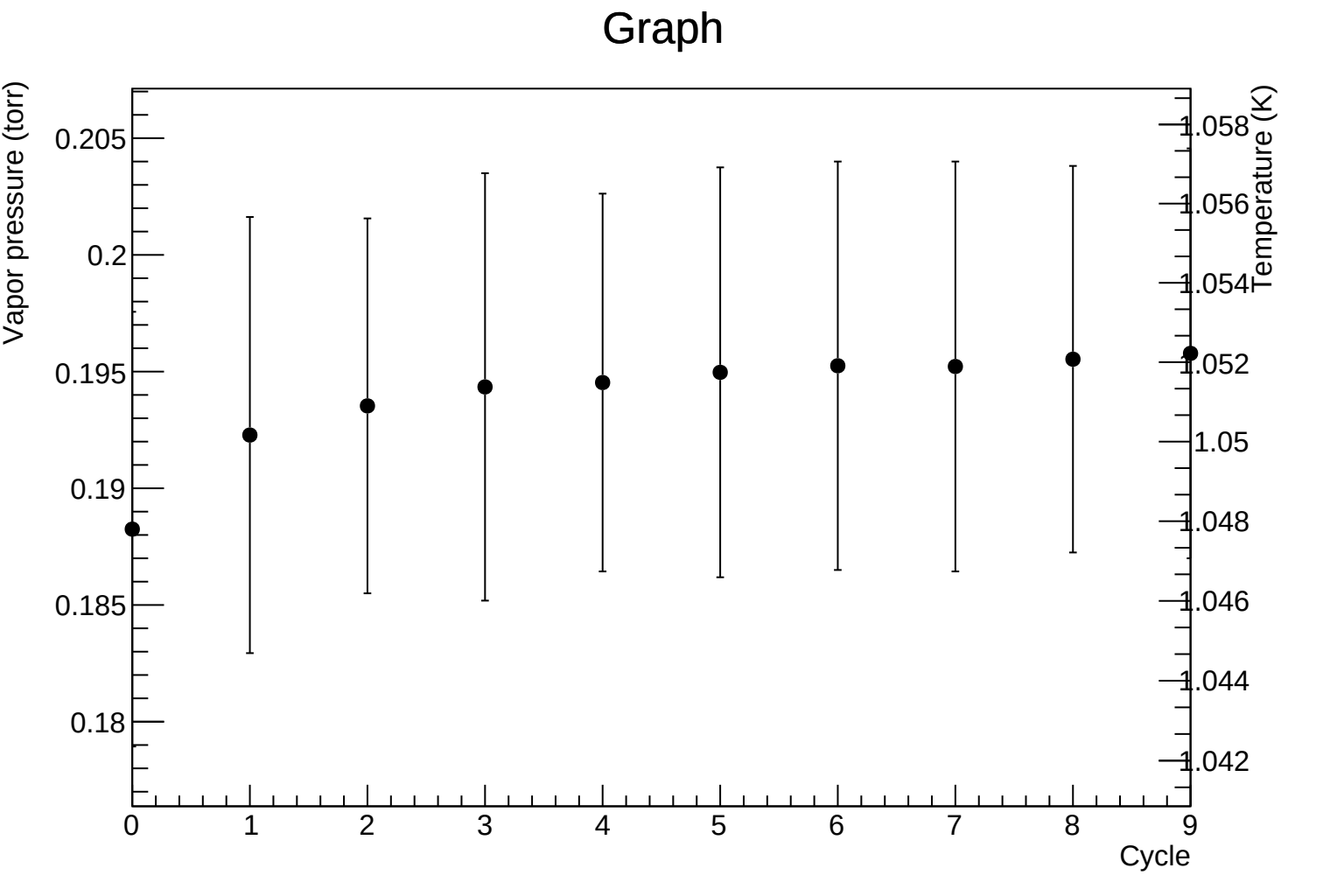
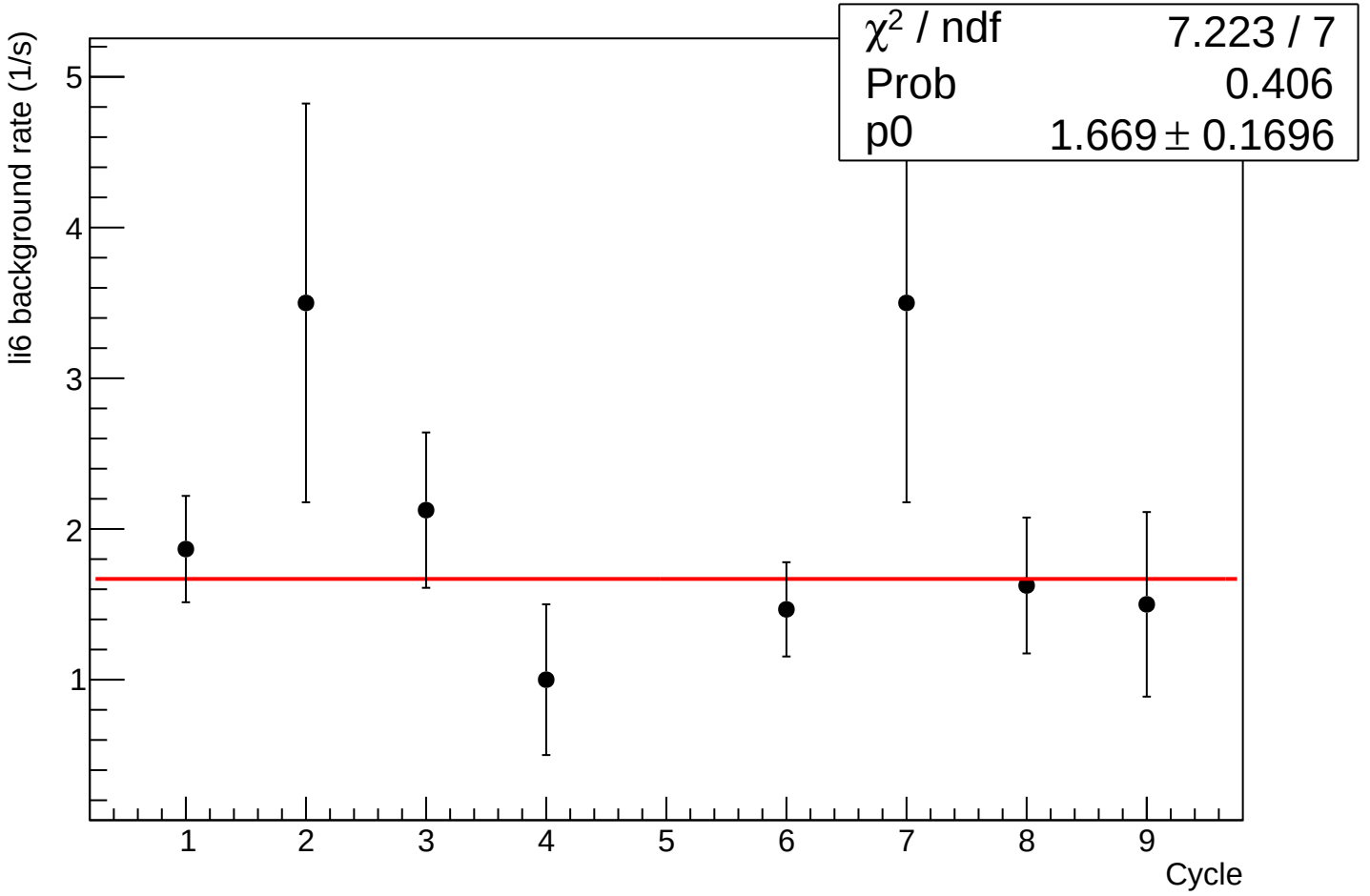
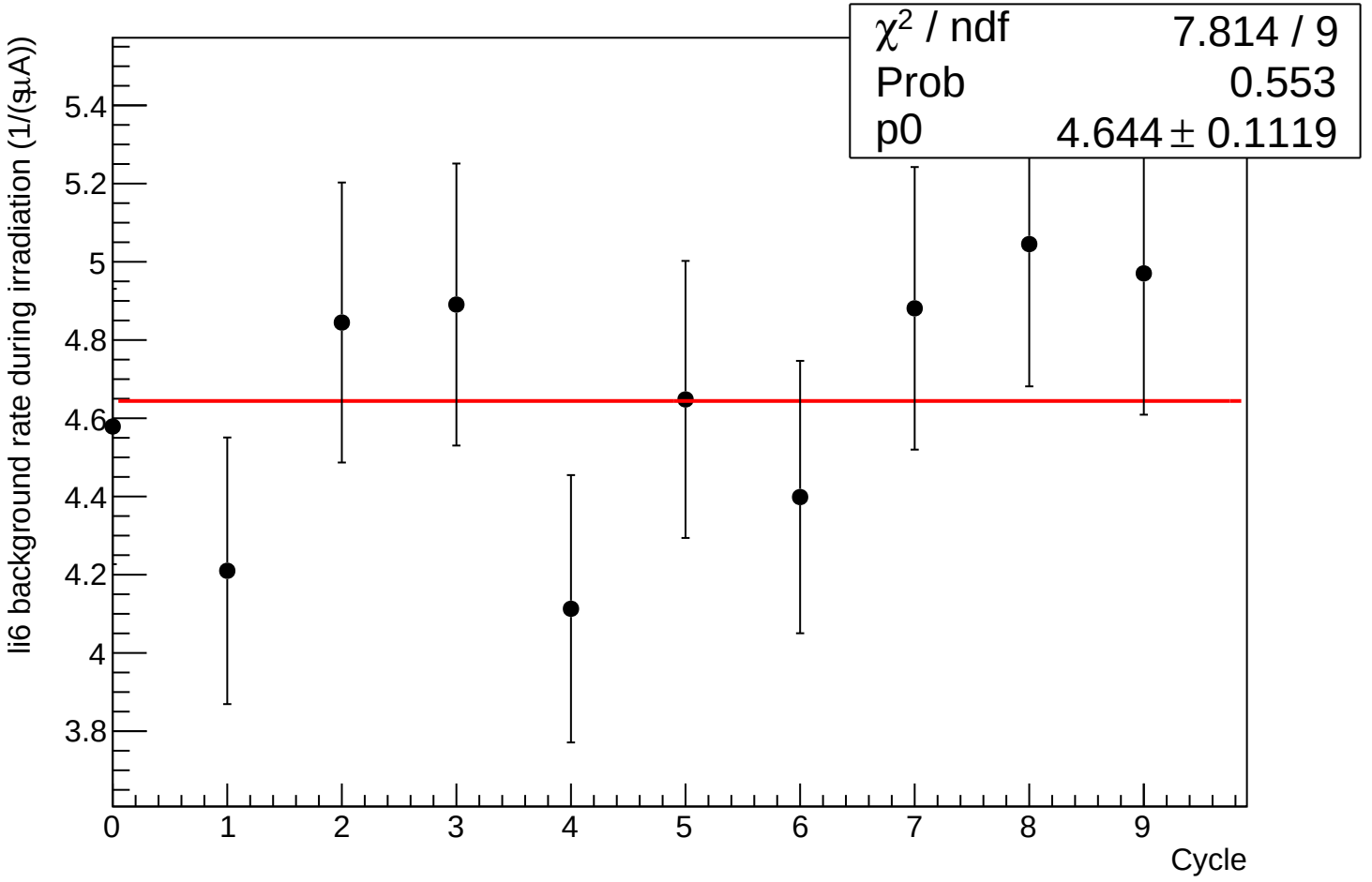
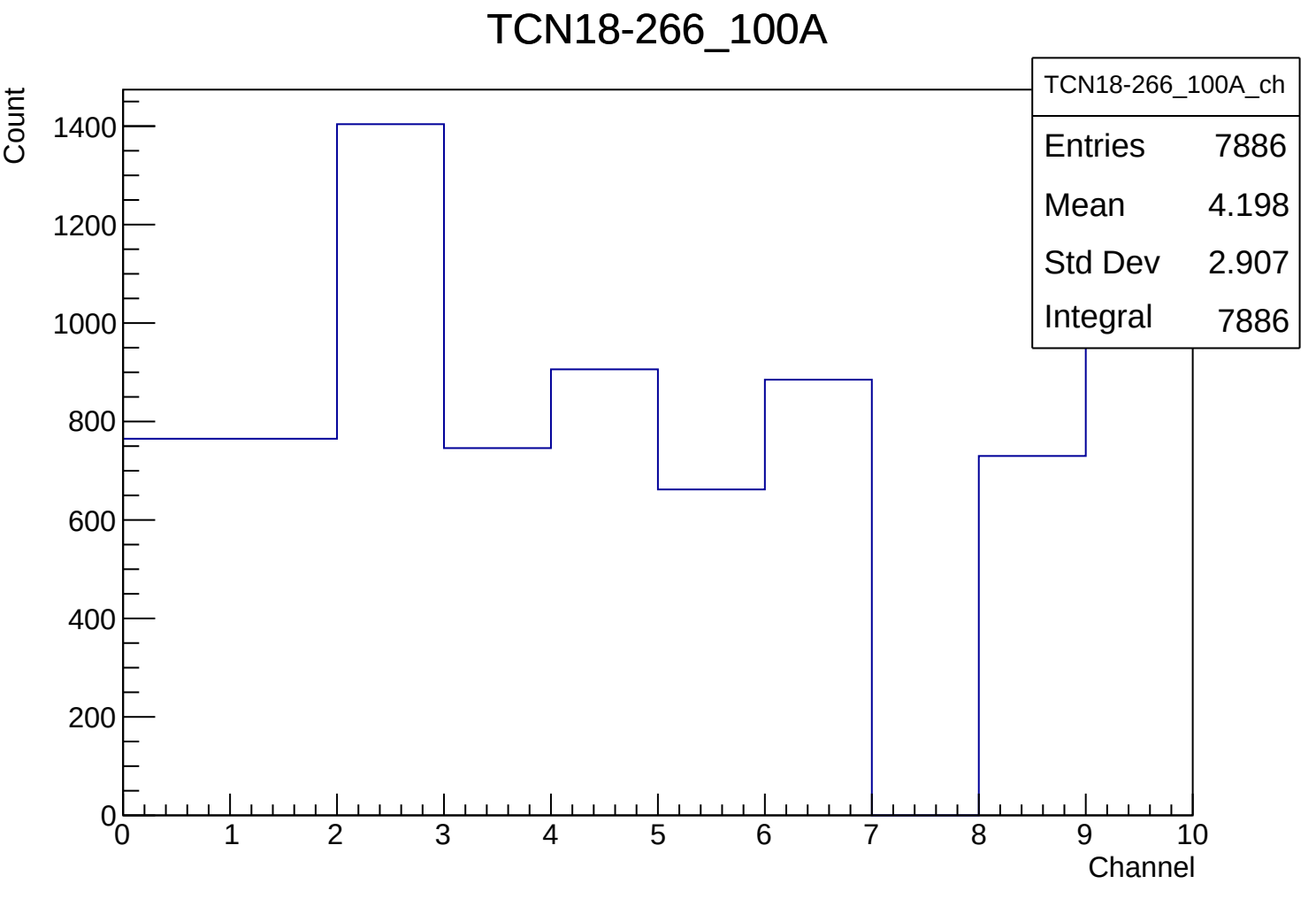

TCN18-266_100A (single exponential fit, with background subtracted, normalized to monitor detector, 0s excluded)
χ² / ndf 1.757 / 6
Prob 0.9406
p0 1.764 ± 0.1397
τ 3.178 ± 0.2203
UCN-count-to-monitor ratio
1
10⁻¹
10⁻²
0
2
4
6
8
10
12
14
16
Storage time (s)


TCN18-266_100A (double exponential fit, with background subtracted, normalized to monitor detector, 0s excluded)
χ² / ndf 1.757 / 4
Prob 0.7803
N1 1.764 ± 0.0005836
τ1 3.178 ± 0.0009201
N2 0.001632 ± 1.506e+04
τ2 0.1464 ± 172.1
UCN-count-to-monitor ratio
1
10⁻¹
10⁻²
0
2
4
6
8
10
12
14
16
Storage time (s)


Graph
Vapor pressure (torr)
0.205
0.2
0.195
0.19
0.185
0.18
Temperature (K)
1.058
1.056
1.054
1.052
1.05
1.048
1.046
1.044
1.042
0
1
2
3
4
5
6
7
8
9
Cycle


li6 background rate (1/s)
Cycle
χ² / ndf 7.223 / 7
Prob 0.406
p0 1.669 ± 0.1696
1
2
3
4
5
6
7
8
9


χ² / ndf 7.814 / 9
Prob 0.553
p0 4.644 ± 0.1119
li6 background rate during irradiation (1/(μA))
Cycle
5.4
5.2
5
4.8
4.6
4.4
4.2
4
3.8
0
1
2
3
4
5
6
7
8
9


TCN18-266_100A
TCN18-266_100A_ch
Entries 7886
Mean 4.198
Std Dev 2.907
Integral 7886
Count
1400
1200
1000
800
600
400
200
0
0 1 2 3 4 5 6 7 8 9 10
Channel