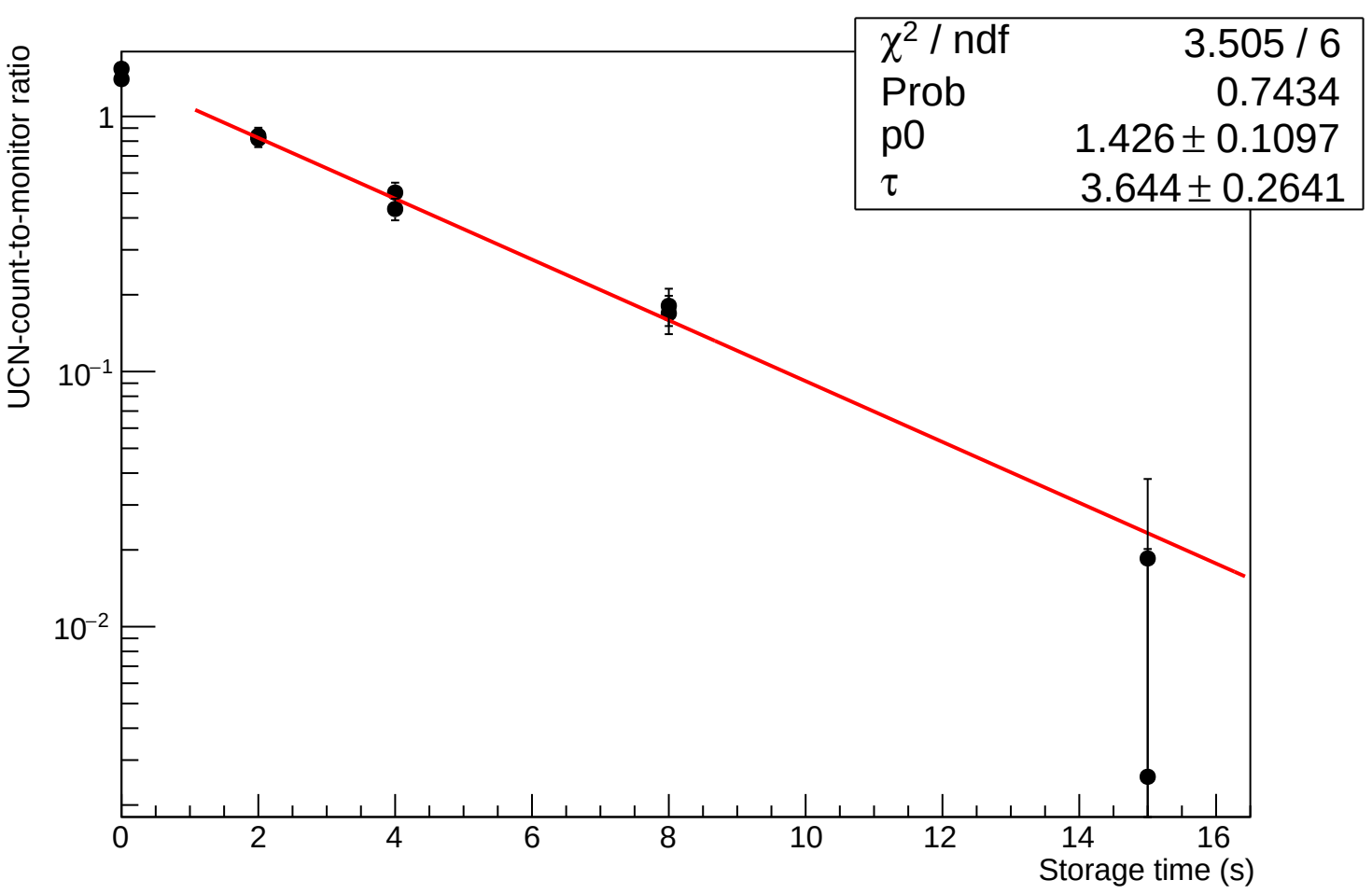
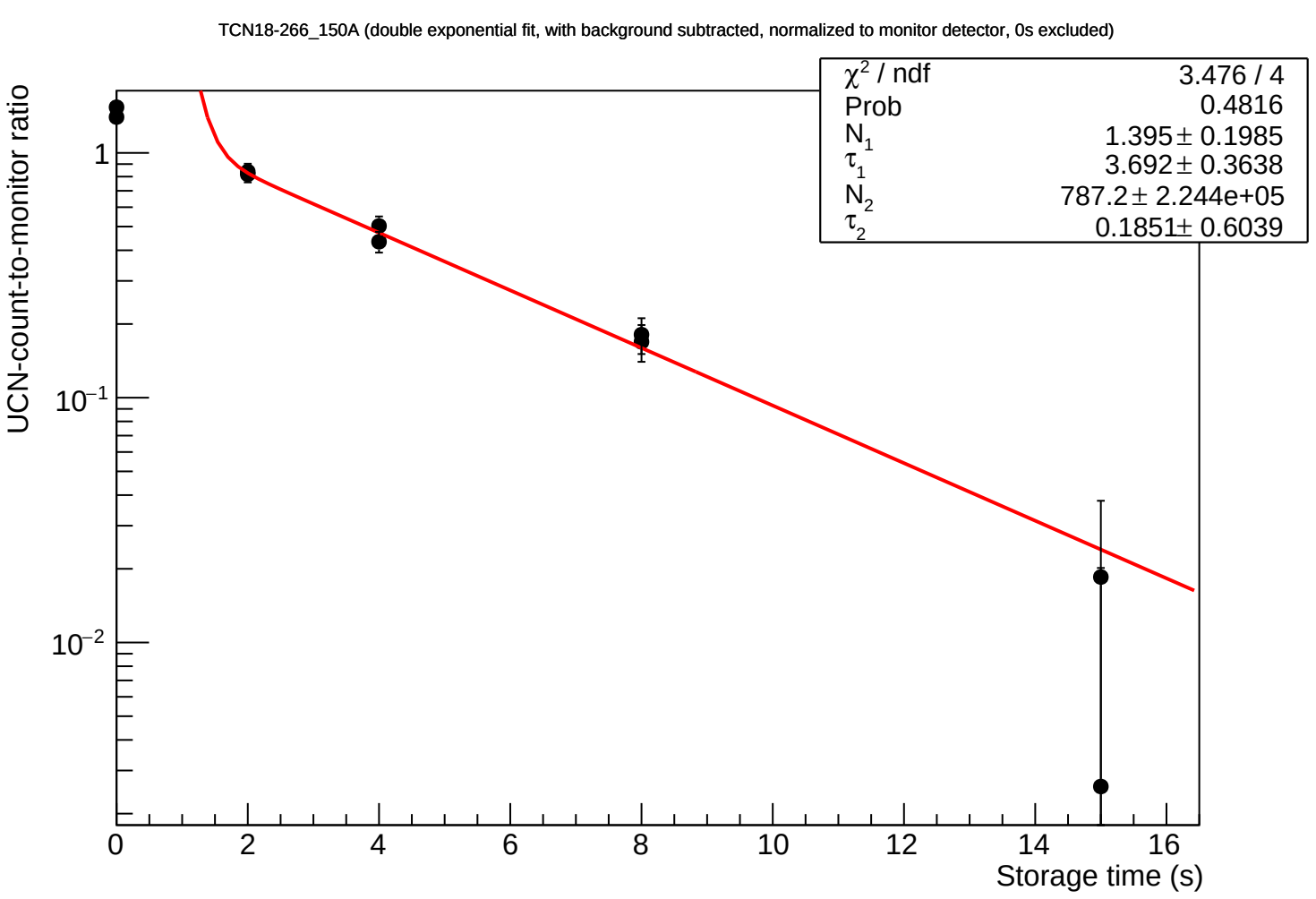
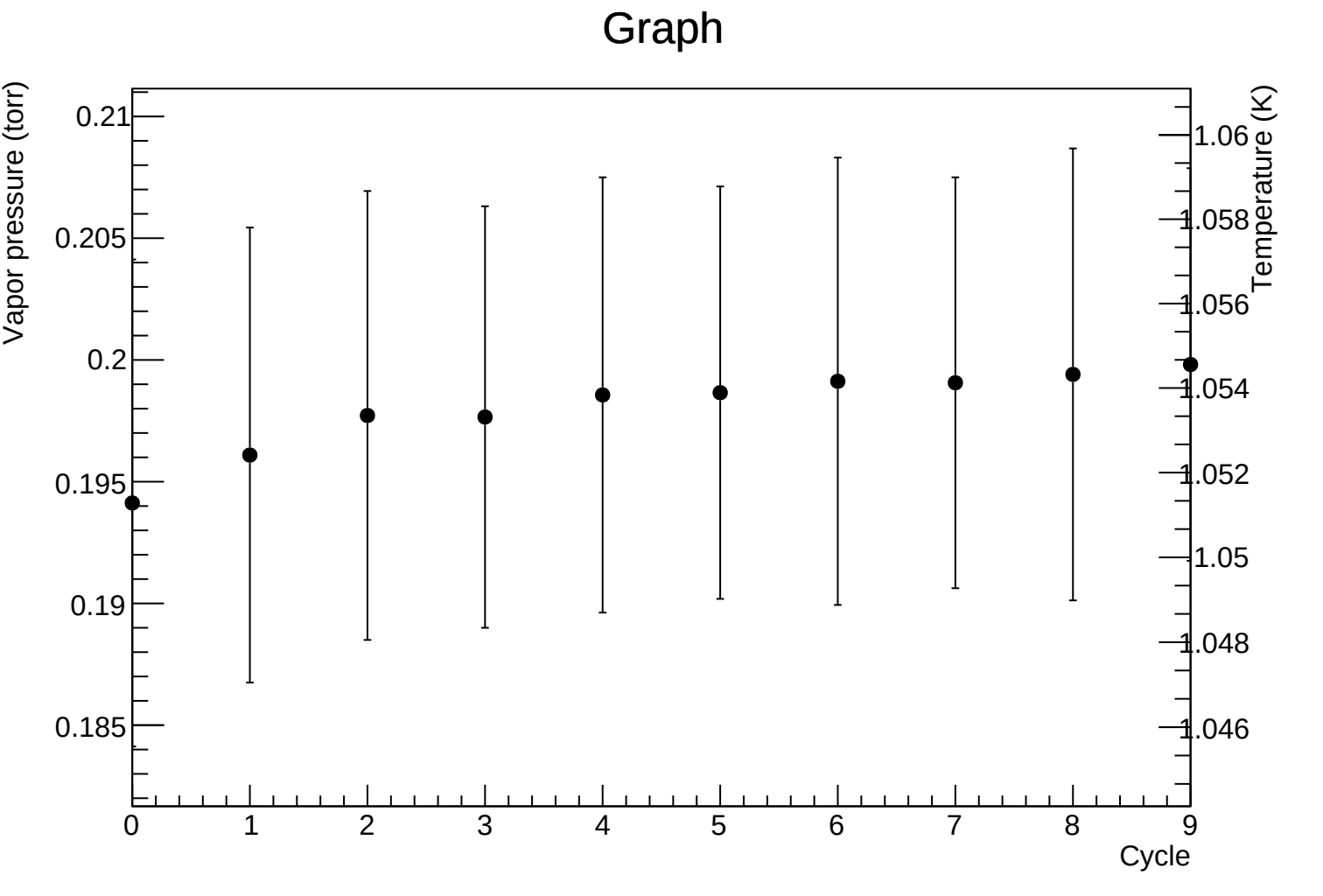
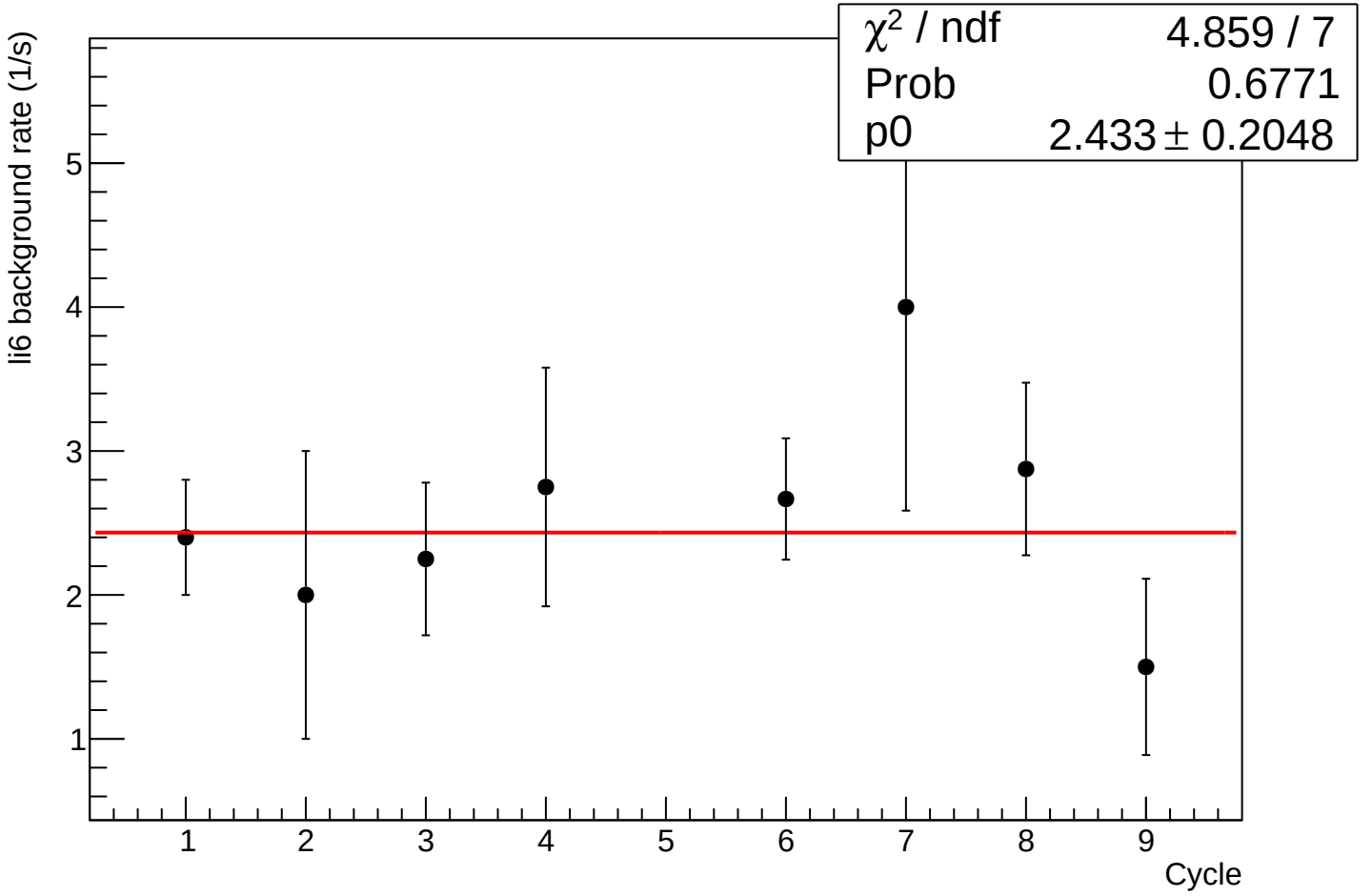
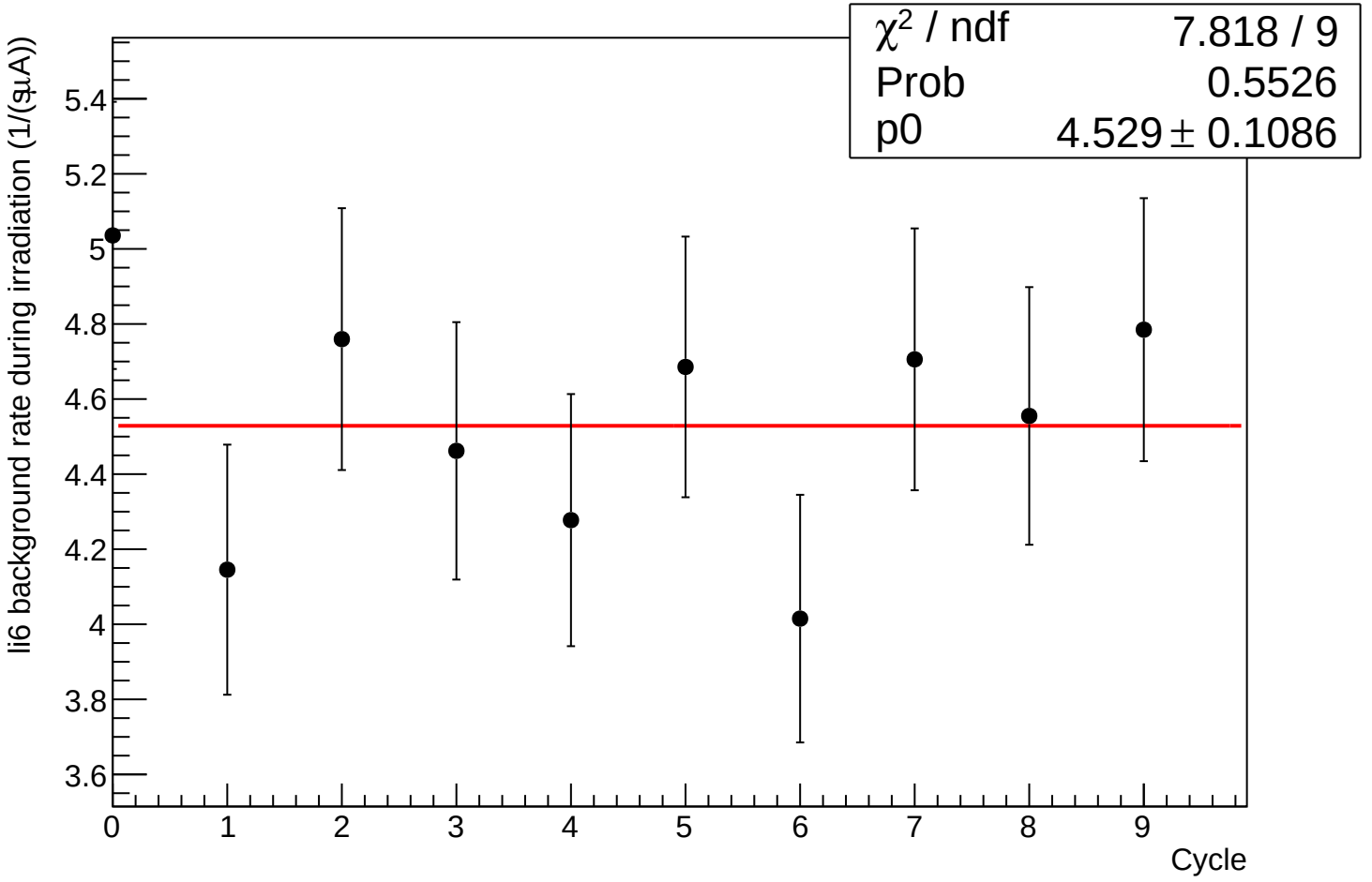
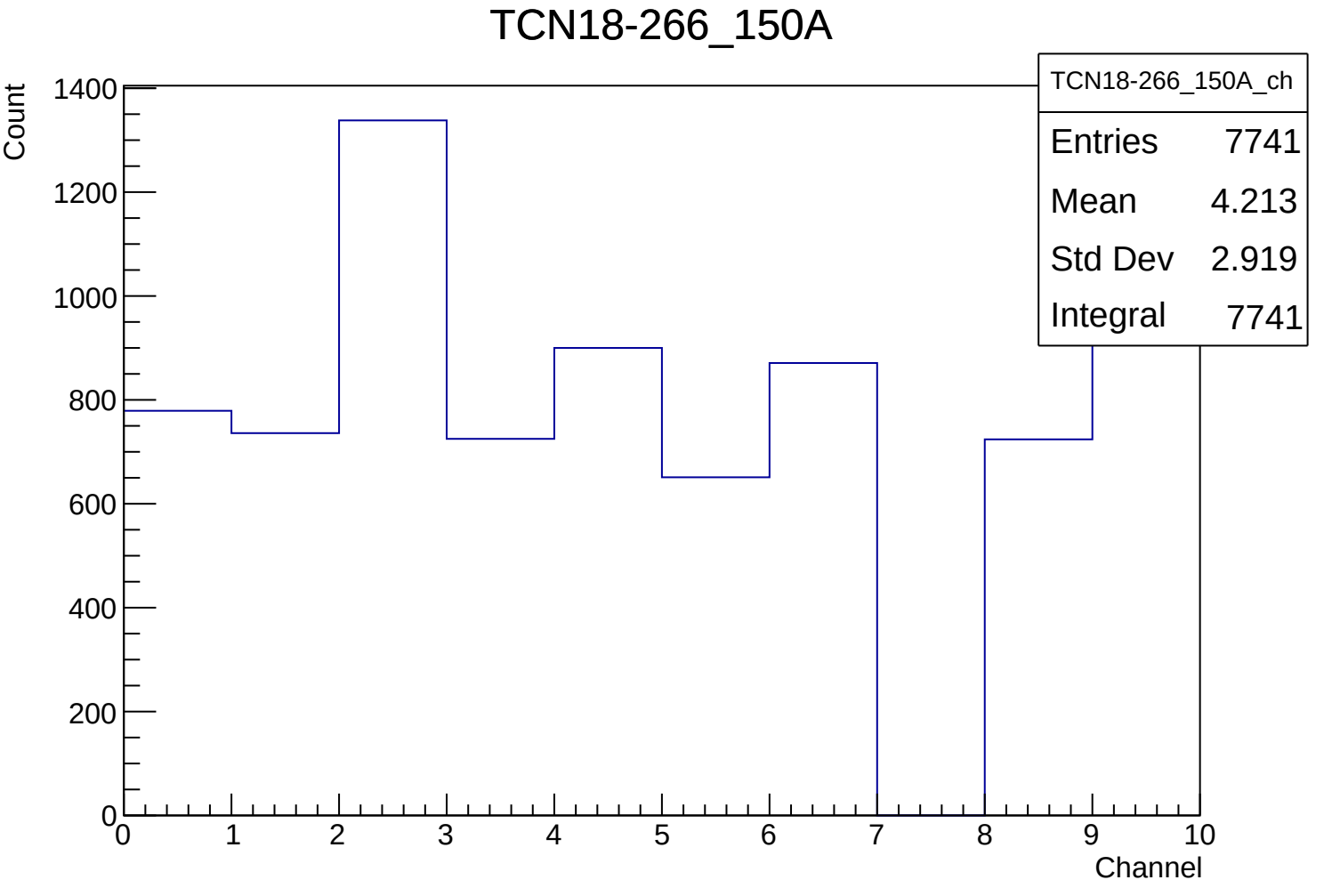

TCN18-266_150A (single exponential fit, with background subtracted, normalized to monitor detector, 0s excluded)
χ² / ndf 3.505 / 6
Prob 0.7434
p0 1.426 ± 0.1097
τ 3.644 ± 0.2641
UCN-count-to-monitor ratio
1
10⁻¹
10⁻²
0
2
4
6
8
10
12
14
16
Storage time (s)


TCN18-266_150A (double exponential fit, with background subtracted, normalized to monitor detector, 0s excluded)
χ² / ndf 3.476 / 4
Prob 0.4816
N1 1.395 ± 0.1985
τ1 3.692 ± 0.3638
N2 787.2 ± 2.244e+05
τ2 0.1851 ± 0.6039
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)
0.21
0.205
0.2
0.195
0.19
0.185
Temperature (K)
1.06
1.058
1.056
1.054
1.052
1.05
1.048
1.046
0
1
2
3
4
5
6
7
8
9
Cycle


li6 background rate (1/s)
Cycle
χ² / ndf 4.859 / 7
Prob 0.6771
p0 2.433 ± 0.2048
1
2
3
4
5
6
7
8
9


χ^2 / ndf 7.818 / 9
Prob 0.5526
p0 4.529 ± 0.1086
li6 background rate during irradiation (1/(qμA))
Cycle
5.4
5.2
5
4.8
4.6
4.4
4.2
4
3.8
3.6
0
1
2
3
4
5
6
7
8
9


TCN18-266_150A
TCN18-266_150A_ch
Entries 7741
Mean 4.213
Std Dev 2.919
Integral 7741
Count
1400
1200
1000
800
600
400
200
0
0 1 2 3 4 5 6 7 8 9 10
Channel