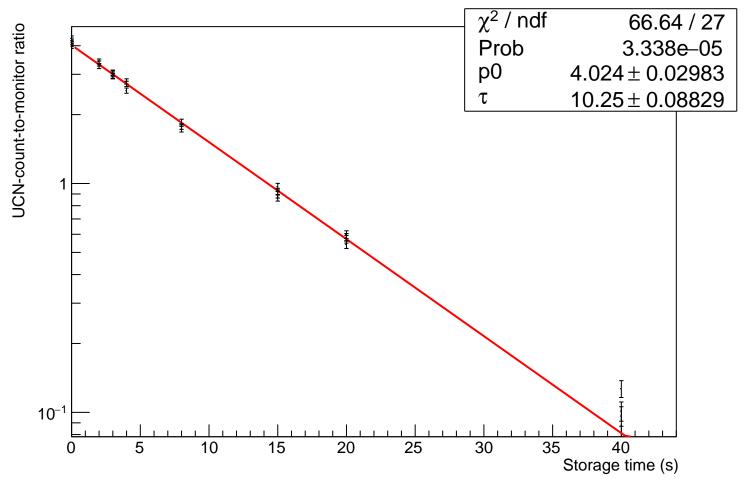
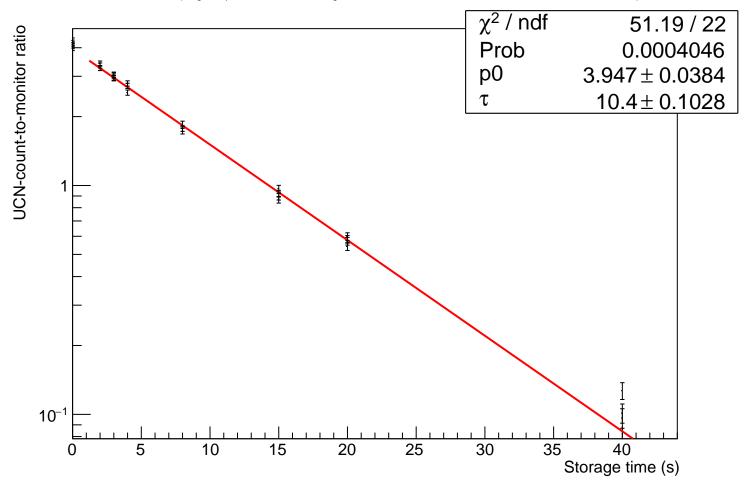
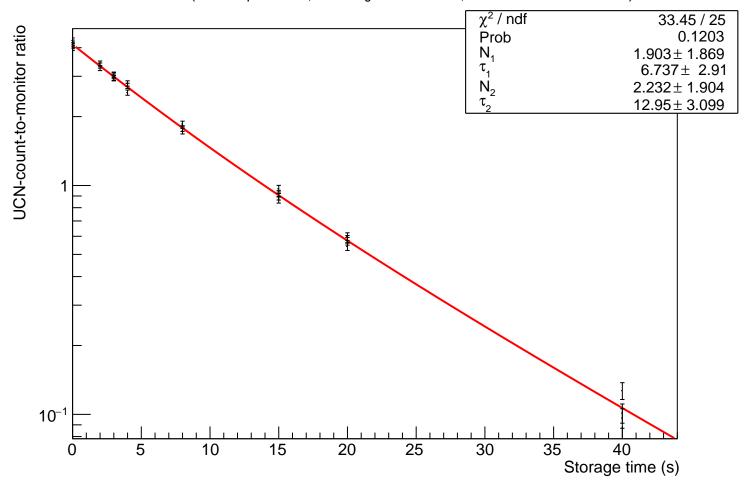
TCN18-217 (single exponential fit, with background subtracted, normalized to monitor detector)

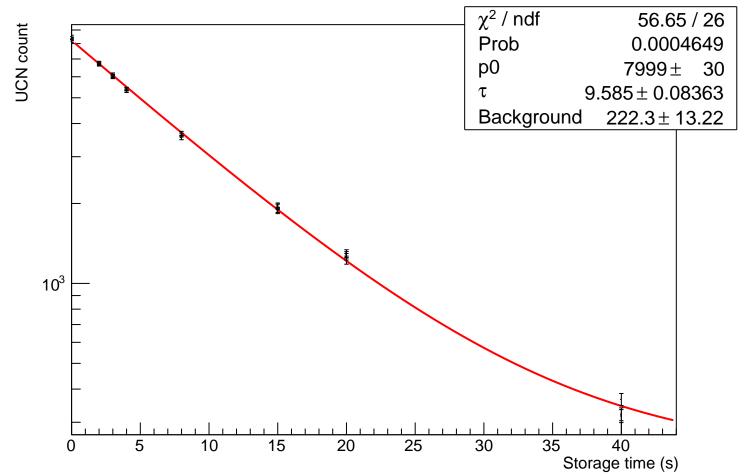




TCN18-217 (double exponential fit, with background subtracted, normalized to monitor detector)

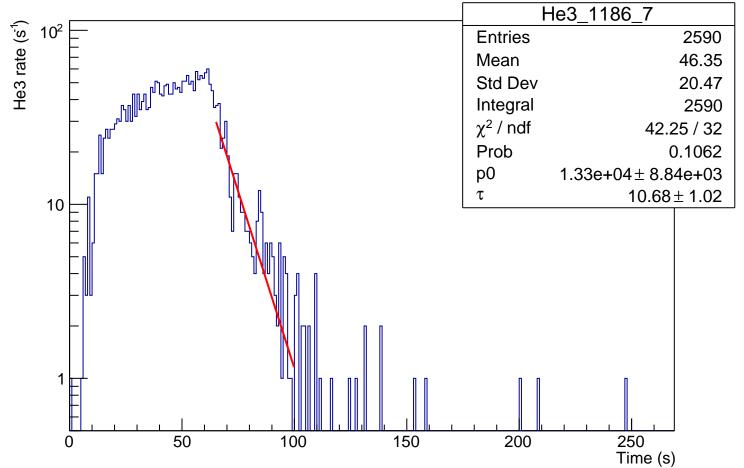


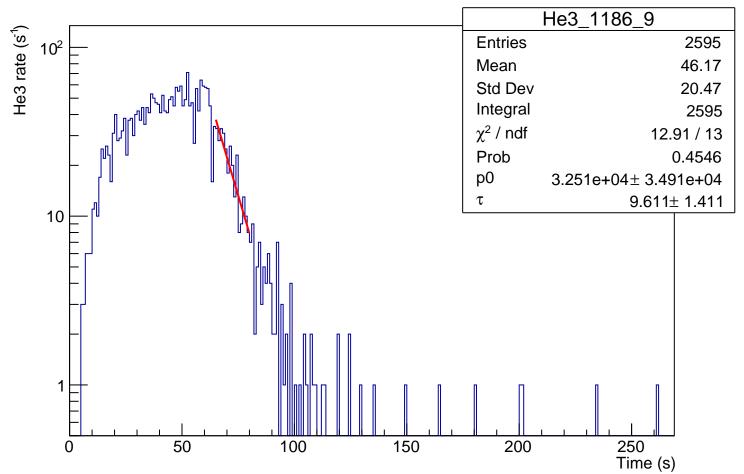
TCN18-217 (single exponential fit + background, unnormalized)



He3 detector rate He3_1186_1 He3 rate (\bar{s}^1) 10^{2} **Entries** 2568 Mean 45.76 Std Dev 20.99 Integral 2568 χ^2 / ndf 20.61 / 13 Prob 0.08104 p0 $7.214e+04\pm9.923e+04$ 8.504 ± 1.448 10 100 50 150 200 250

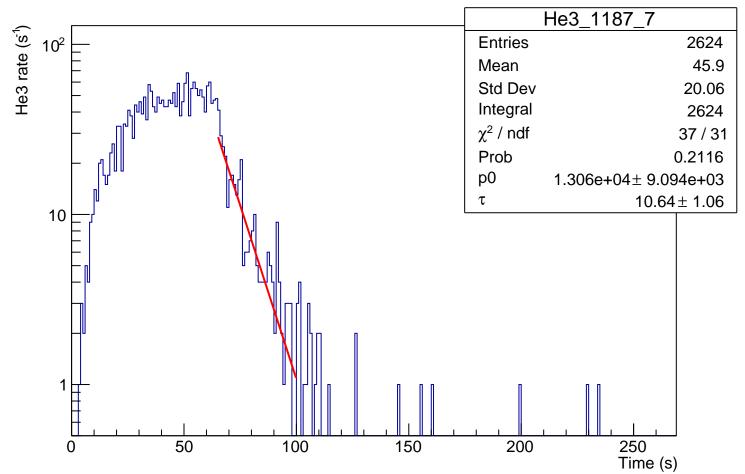
Time (s)





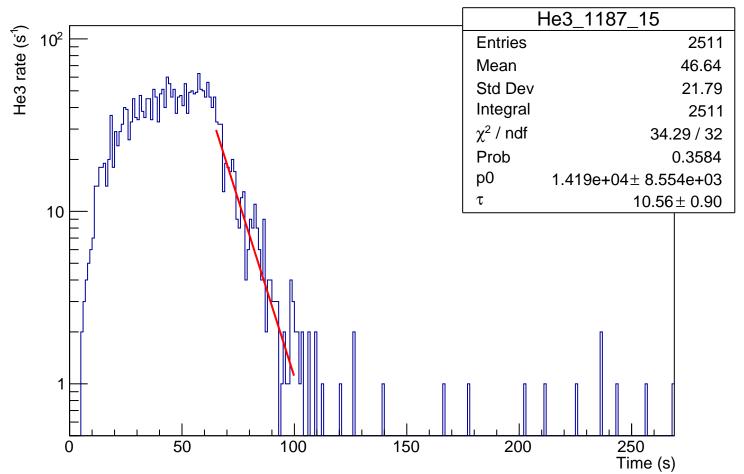
He3 detector rate He3_1187_1 He3 rate (\bar{s}^1) 10^{2} **Entries** 2528 Mean 45.86 Std Dev 21.15 Integral 2528 χ^2 / ndf 17.46 / 13 Prob 0.1792 p0 1347 ± 1408.6 15.95 ± 3.72 10 200 50 100 150 250

Time (s)



He3 detector rate He3_1187_9 He3 rate (s¹) 10^{2} **Entries** 2644 45.63 Mean Std Dev 19.26 Integral 2644 χ^2 / ndf 19.01 / 13 Prob 0.1229 p0 8313 ± 10317.1 11.8 ± 2.4 10 100 50 150 200 250

Time (s)



Average lifetime from He3 data:

 τ = 10.4031567139 +/- 0.0541129297783 s