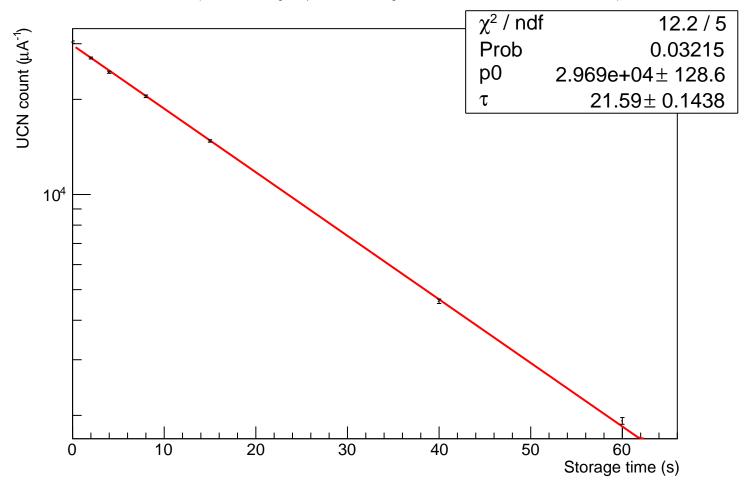TCN18-300 (Li6 detector, single exponential fit, background subtracted, normalized to beam current)

TCN18-300 (Li6 detector, single exponential fit + background, unnormalized)

χ^2 / ndf	14.32 / 4
Prob	0.006349
p0	2.897e+04 $\pm$ 111.6
τ	20.83 $\pm$ 0.3044
Background	463 $\pm$ 98.46

UCN count

Storage time (s)

TCN18-300 (He3 detector, single exponential fit, background subtracted, normalized to beam current)

χ^2 / ndf	2.525 / 5
Prob	0.7727
p0	494.1$\pm$ 13.42
τ	20.46$\pm$ 0.9671

UCN count (μA^{-1})

10^2

Storage time (s)