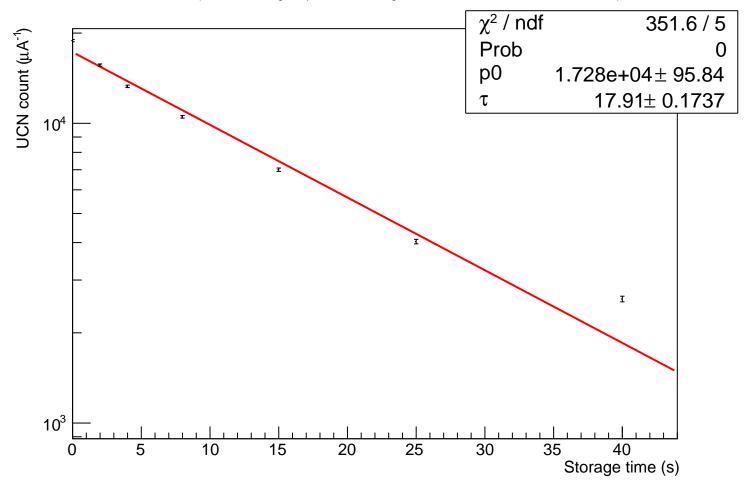TCN18-300 (Li6 detector, single exponential fit, background subtracted, normalized to beam current)

χ^2 / ndf	351.6 / 5
Prob	0
p0	$1.728e+04 \pm 95.84$
τ	17.91 ± 0.1737

UCN count (μA^{-1})

Storage time (s)

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

χ^2 / ndf	42.27 / 4
Prob	1.463e−08
p0	1.598e+04$\pm$ 102.4
τ	12.08$\pm$ 0.2313
Background	2200$\pm$ 77.7

UCN count

10^4

Storage time (s)

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

χ^2 / ndf	2.117 / 5
Prob	0.8327
p0	268.5 ± 10.95
τ	13.8 ± 0.8958