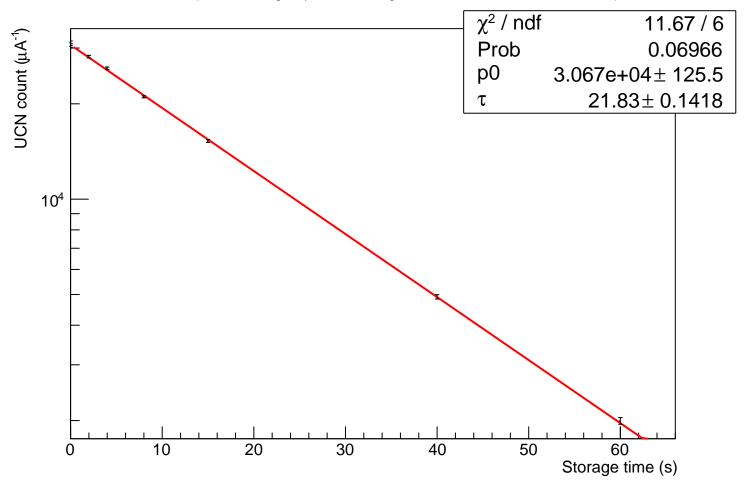TCN18-300 (Li6 detector, single exponential fit, background subtracted, normalized to beam current)

χ^2 / ndf	11.67 / 6
Prob	0.06966
p0	$3.067\text{e}{+}04 \pm 125.5$
τ	21.83 ± 0.1418

UCN count (μA^{-1})

Storage time (s)

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

χ^2 / ndf	4.801 / 6
Prob	0.5696
p0	3.076e+04$\pm$ 168.7
τ	21.84$\pm$ 0.1588

UCN count (μA^{-1})

10^4

Storage time (s)

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

χ^2 / ndf	3.076 / 6
Prob	0.7992
p0	501.6 ± 11.69
τ	21.24 ± 0.982

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

χ^2 / ndf	2.427 / 6
Prob	0.8766
p0	501.9 ± 11.84
τ	21.24 ± 0.9866

UCN count (μA^{-1})

Storage time (s)

TCN18-300

TCN18-300_ch	
Entries	159961
Mean	4.409
Std Dev	3.001
Integral	1.6e+05

Count

Channel