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

χ^2 / ndf	125.4 / 5
Prob	2.2e–25
p0	3.013e+04 ± 129
τ	25.19 ± 0.1778

UCN count (μA^{-1})

Storage time (s)

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

χ^2 / ndf	41.09 / 4
Prob	2.576e−08
p0	2.879e+04 ± 122.4
τ	20.91 ± 0.3346
Background	1715 ± 115.3

UCN count

Storage time (s)

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

χ^2 / ndf	2.979 / 5
Prob	0.7032
p0	491.4 $\pm$ 13.81
τ	19.63 $\pm$ 1.021

UCN count (μA^{-1})

Storage time (s)