TCN18-015 (Li6 detector, single exponential fit, background subtracted, normalized to beam current)

χ^2 / ndf	31.27 / 7
Prob	5.543e−05
p0	3.497e+04± 116.2
τ	33.79± 0.1704

UCN count (μA^{-1})

Storage time (s)

TCN18-015 (Li6 detector, single exponential fit + background, unnormalized)

χ^2 / ndf	17.63 / 6
Prob	0.007238
p0	3.518e+04 $\pm$ 105.6
τ	32.93 $\pm$ 0.2499
Background	486.1 $\pm$ 53.52

UCN count

10^4

Storage time (s)

TCN18-015 (He3 detector, single exponential fit, background subtracted, normalized to beam current)

χ^2 / ndf	22.37 / 7
Prob	0.002197
p0	1016 ± 17.79
τ	33.76 ± 0.9975