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

χ^2 / ndf	3.496 / 5
Prob	0.6239
p0	1281$\pm$ 34.83
τ	4.88$\pm$ 0.2226

UCN count (μA^{-1})

Storage time (s)

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

χ^2 / ndf	2.042 / 4
Prob	0.7281
p0	1247 ± 34.27
τ	4.723 ± 0.2536
Background	228.4 ± 10.35

UCN count

Storage time (s)

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

χ^2 / ndf	1.644 / 5
Prob	0.8958
p0	17.3± 3.726
τ	6.435± 2.33