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

χ^2 / ndf	349.4 / 8
Prob	0
p0	3403 ± 38.61
τ	8.766 ± 0.1974

UCN count (μA^{-1})

Storage time (s)

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

χ^2 / ndf	229.3 / 7
Prob	1.401e−45
p0	3250 ± 37.88
τ	6.582 ± 0.1756
Background	445.9 ± 15.14

UCN count

Storage time (s)

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

χ^2 / ndf	6.593 / 8
Prob	0.5811
p0	50.58 ± 4.412
τ	8.008 ± 1.278