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

χ^2 / ndf	12.06 / 11
Prob	0.359
p0	$4.512e+04\pm 130.5$
τ	29.93 ± 0.1427

UCN count (μA^{-1})

Storage time (s)

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

χ^2 / ndf	16.54 / 10
Prob	0.08514
p0	4.393e+04 $\pm$ 202.8
τ	29.65 $\pm$ 0.3852
Background	411.5 $\pm$ 230.1

UCN count

Storage time (s)

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

χ^2 / ndf	9.414 / 11
Prob	0.5837
p0	737.5 $\pm$ 12.5
τ	30.87 $\pm$ 1.008

UCN count (μA^{-1})

Storage time (s)