TCN18-170 (Li6 detector, single exponential fit, background subtracted, normalized to beam current)

χ^2 / ndf	5664 / 9
Prob	0
p0	5.287e+04$\pm$ 160.5
τ	30.76$\pm$ 0.1314

UCN count (μA^{-1})

Storage time (s)

TCN18-170 (Li6 detector, single exponential fit + background, unnormalized)

χ^2 / ndf	7.235e+04 / 8
Prob	0
p0	3.381e+04 $\pm$ 91.69
τ	35.24 $\pm$ 0.3338
Background	449 $\pm$ 63.4

UCN count

10^4

Storage time (s)

TCN18-170 (He3 detector, single exponential fit, background subtracted, normalized to beam current)

χ^2 / ndf	227.1 / 9
Prob	6.866e−44
p0	806.4 ± 14.39
τ	31.67 ± 0.9529

UCN count (μA^{-1})

Storage time (s)