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

χ^2 / ndf	12.2 / 5
Prob	0.03215
p0	$2.969e+04 \pm 128.6$
τ	21.59 ± 0.1438

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

χ^2 / ndf	14.32 / 4
Prob	0.006349
p0	2.897e+04$\pm$ 111.6
τ	20.83$\pm$ 0.3044
Background	463$\pm$ 98.46

UCN count

Storage time (s)

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

χ^2 / ndf	2.536 / 5
Prob	0.7711
p0	494.1$\pm$ 13.42
τ	20.44$\pm$ 0.967