TCN18-015 (Li6 detector, single exponential fit, background subtracted, normalized to beam current)

χ^2 / ndf	41.19 / 6
Prob	2.661e−07
p0	5.873e+04± 213
τ	29.41± 0.1273

UCN count (μA^{-1})

Storage time (s)

TCN18-015 (Li6 detector, single exponential fit + background, unnormalized)

χ^2 / ndf	78.48 / 5
Prob	1.742e−15
p0	5.755e+04 ± 159.1
τ	29.45 ± 0.1625
Background	273.5 ± 47.55

UCN count

10^4

Storage time (s)

TCN18-015 (He3 detector, single exponential fit, background subtracted, normalized to beam current)

χ^2 / ndf	6.539 / 6
Prob	0.3655
p0	931.4 ± 20.74
τ	28.95 ± 0.8979