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

χ^2 / ndf	94.44 / 6
Prob	3.609e−18
p0	5.186e+04 ± 213.3
τ	28.87 ± 0.1342

UCN count (μA^{-1})

Storage time (s)

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

χ^2 / ndf	191.9 / 5
Prob	1.5e−39
p0	5.082e+04 ± 148.6
τ	29.38 ± 0.1683
Background	104.6 ± 42.36

UCN count

Storage time (s)

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

χ^2 / ndf	9.471 / 6
Prob	0.1488
p0	799.9 ± 19.16
τ	30.2 ± 1.013