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

χ^2 / ndf	138.1 / 6
Prob	2.516e−27
p0	3.227e+04 ± 136.6
τ	32.05 ± 0.1743

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

χ^2 / ndf	180.6 / 5
Prob	4e−37
p0	3.189e+04 ± 114.8
τ	32.85 ± 0.2615
Background	63.77 ± 45.17

UCN count

Storage time (s)

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

χ^2 / ndf	11.77 / 6
Prob	0.06735
p0	882.3 ± 19.44
τ	31.57 ± 0.9508

UCN count (μA^{-1})

Storage time (s)