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

χ^2 / ndf	131.8 / 7
Prob	2.647e−25
p0	698.4 ± 12.72
τ	1000 ± 71.49

UCN count (μA^{-1})

Storage time (s)

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

χ^2 / ndf	147.3 / 6
Prob	2.839e−29
p0	1.226e−06 ± 31.52
τ	221.5 ± 587.6
Background	1114 ± 11.13

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

χ^2 / ndf	43.38 / 7
Prob	2.817e−07
p0	3.824e+04± 147.5
τ	35.51± 0.1868

UCN count (μA^{-1})

10^4

Storage time (s)