$$\chi^2$$
 / ndf 7.509e+04 / 7  
Prob 0  
p0 0± 0.001966  
 $\tau$  532.4± 243.2

 $\chi^2$  / ndf 3.784e-08 / 6 **UCN** count Prob p0  $4.884e-05 \pm 0.1505$  $762.1 \pm 0.04837$ Background 1.803e-05 ± 0.1831  $10^{-1}$  $10^{-2}$ 20 40 60 80 100 120 Storage time (s)

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

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

