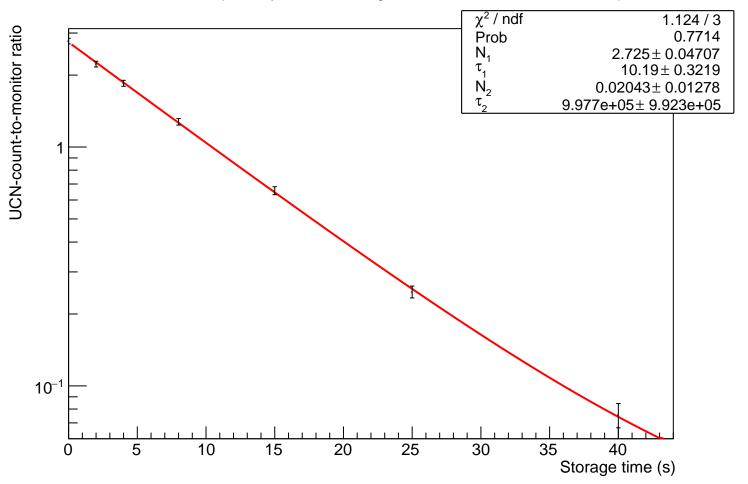
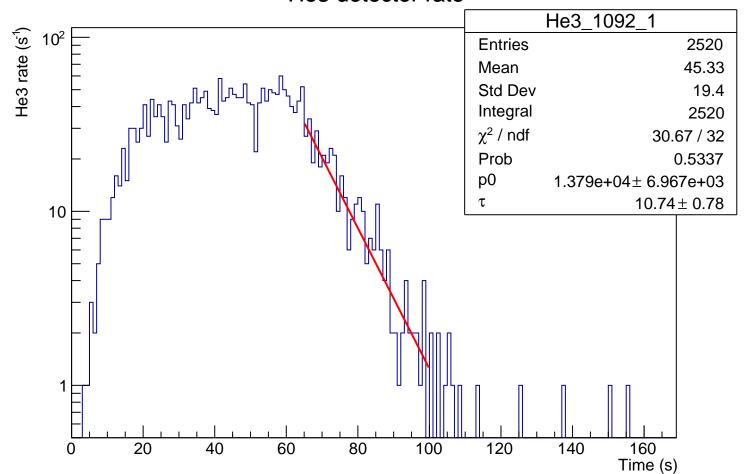


TCN18-268\_150A (double exponential fit, with background subtracted, normalized to monitor detector)

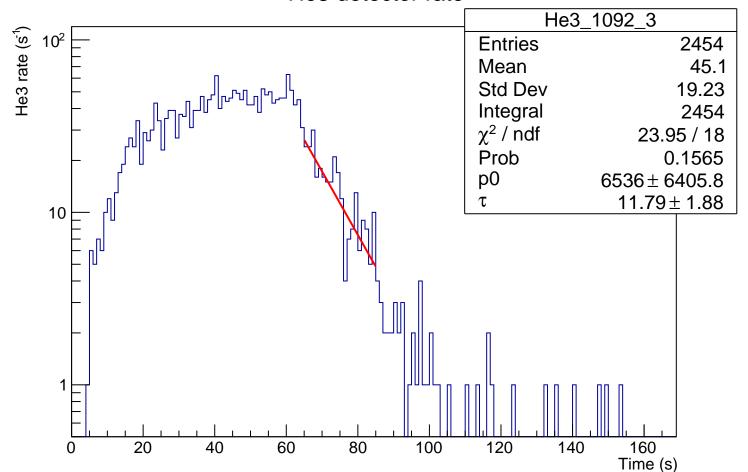


TCN18-268\_150A (single exponential fit + background, unnormalized)  $\chi^2$  / ndf 0.8477 / 4 **UCN** count Prob 0.9319 p0  $5173 \pm 51.91$  $9.916 \pm 0.2312$ Background  $183.6 \pm 21.2$ 10<sup>3</sup> 5 10 15 20 25 30 35 40 Storage time (s)

He3 detector rate



He3 detector rate



## Average lifetime from He3 data:

 $\tau$  = 10.8928861403 +/- 0.269697411599 s