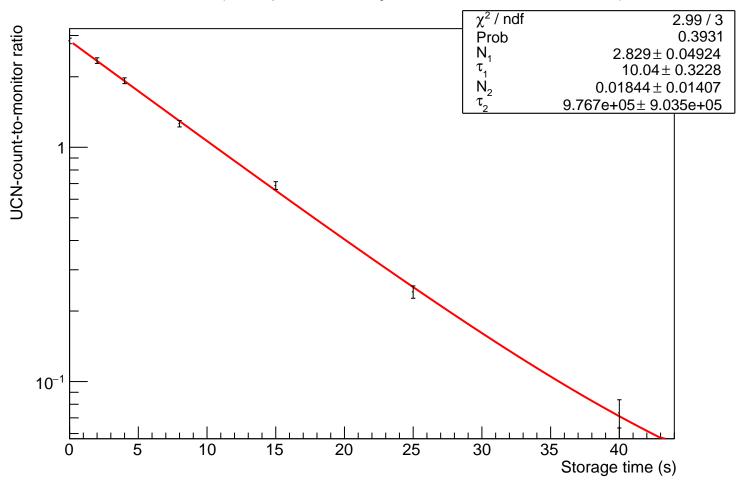
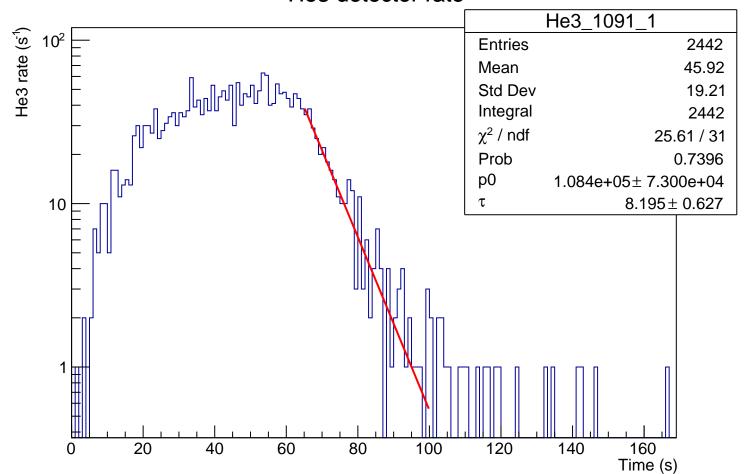


TCN18-268_100A (double exponential fit, with background subtracted, normalized to monitor detector)

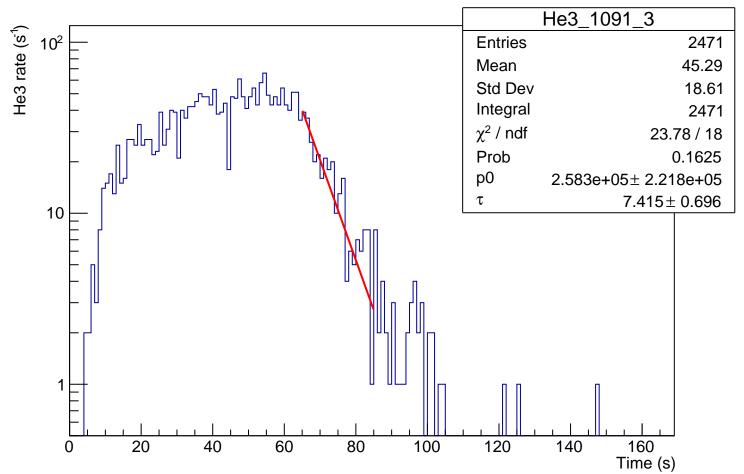


TCN18-268_100A (single exponential fit + background, unnormalized) χ^2 / ndf 2.994 / 4 **UCN** count Prob 0.5588 p0 5310 ± 52.03 10.08 ± 0.2294 Background 162.6 ± 21.32 10³ 5 10 15 20 25 30 35 40 Storage time (s)

He3 detector rate



He3 detector rate



Average lifetime from He3 data:

 τ = 7.84538560218 +/- 0.0470244128988 s