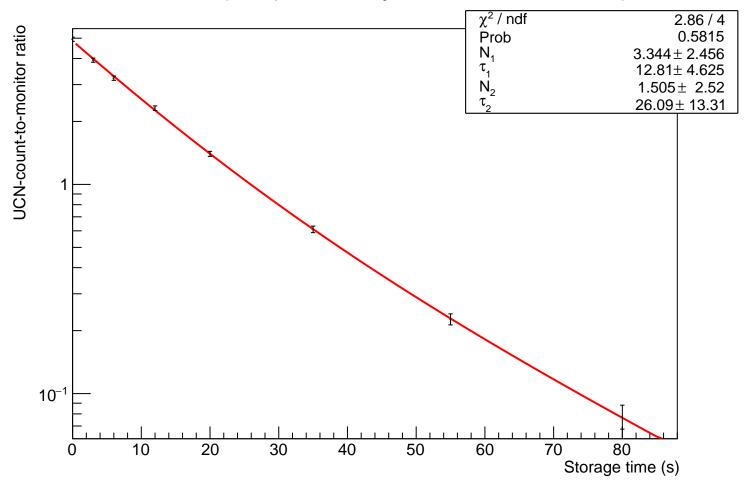
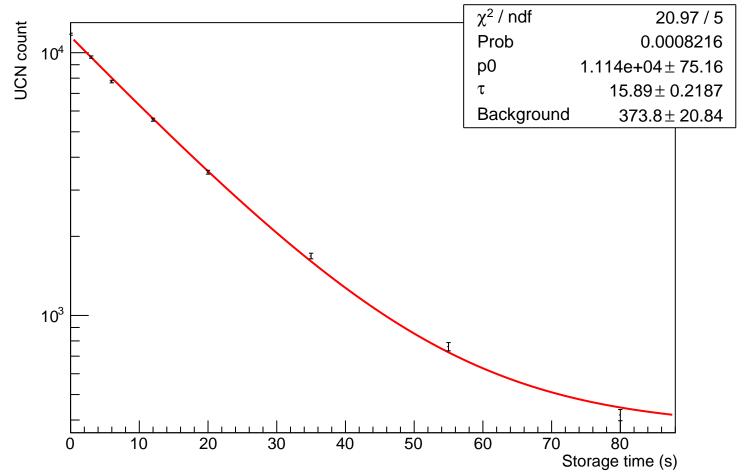


TCN18-068\_150A (double exponential fit, with background subtracted, normalized to monitor detector)

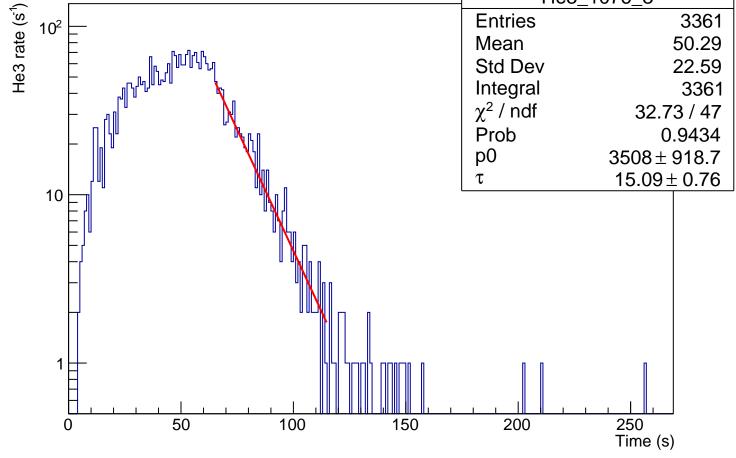


TCN18-068\_150A (single exponential fit + background, unnormalized)



He3 detector rate He3\_1076\_1 He3 rate (s¹) **Entries** 3430  $10^{2}$ Mean 50.76 Std Dev 23.26 Integral 3430  $\chi^2$  / ndf 85.57 / 70 Prob 0.09947 p0  $5768 \pm 1601.3$ 10  $13.77 \pm 0.67$ 50 100 150 200 250 Time (s)

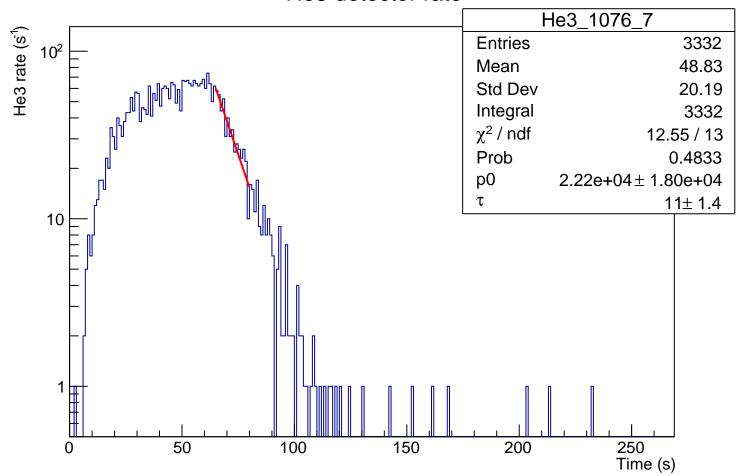
He3 detector rate He3\_1076\_3 He3 rate  $(\bar{s}^1)$ **Entries** 3361  $10^{2}$ Mean 50.29 Std Dev 22.59 Integral 3361  $\chi^2$  / ndf 32.73 / 47 Prob 0.9434 p0  $3508 \pm 918.7$  $15.09 \pm 0.76$ 10



He3 detector rate He3\_1076\_5 He3 rate  $(\bar{s}^1)$ **Entries** 3359  $10^{2}$ Mean 49.03 Std Dev 21.31 Integral 3359  $\chi^2$  / ndf 27.75 / 28 Prob 0.478 p0  $3988 \pm 1652.3$  $14.53 \pm 1.16$ 10 100 50 150 200 250

Time (s)

He3 detector rate



 $\tau$  = 14.0414531505 +/- 0.0358711067151 s

**Average lifetime from He3 data:**