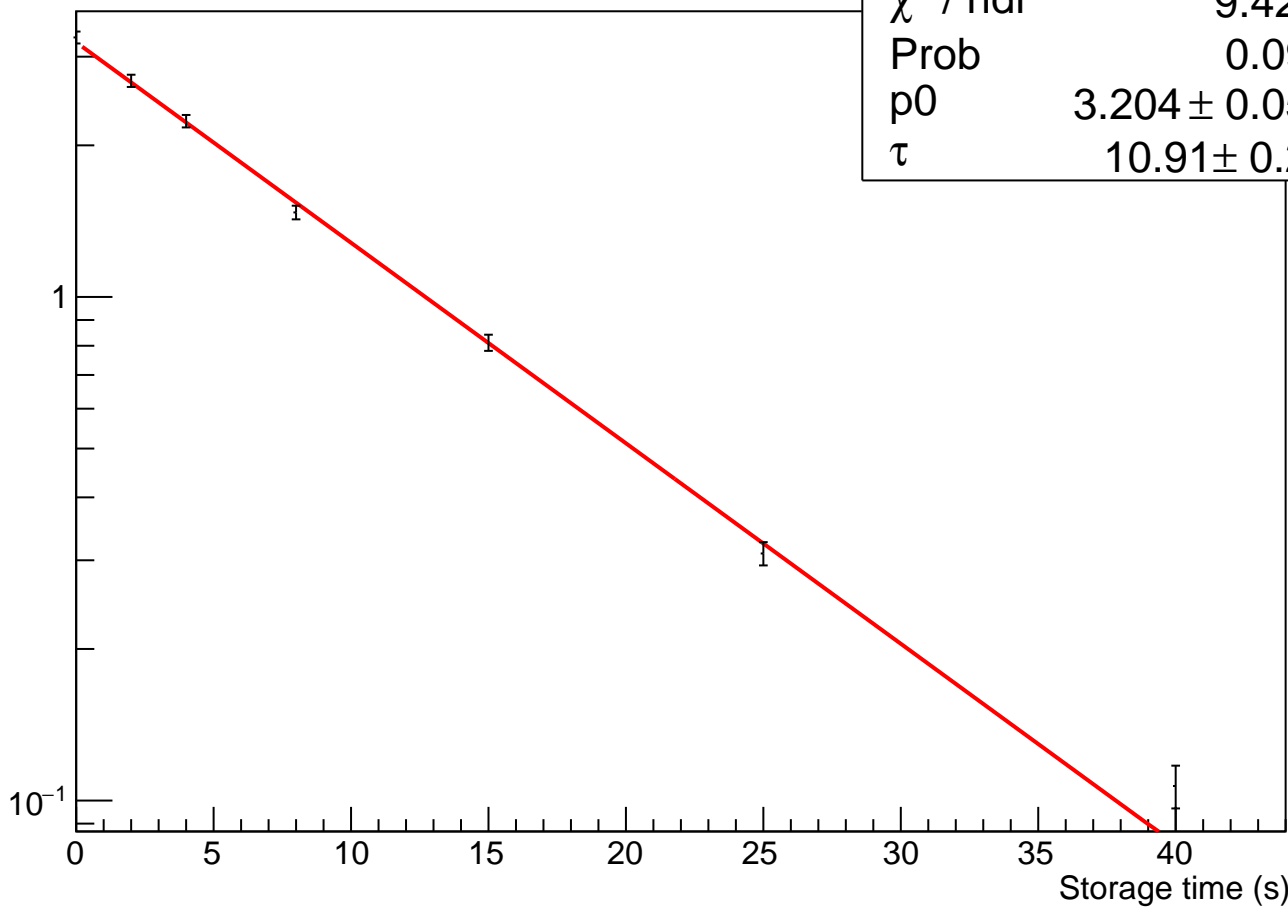


UCN-count-to-monitor ratio

 $\chi^2 / \text{ndf}$ 

9.425 / 5

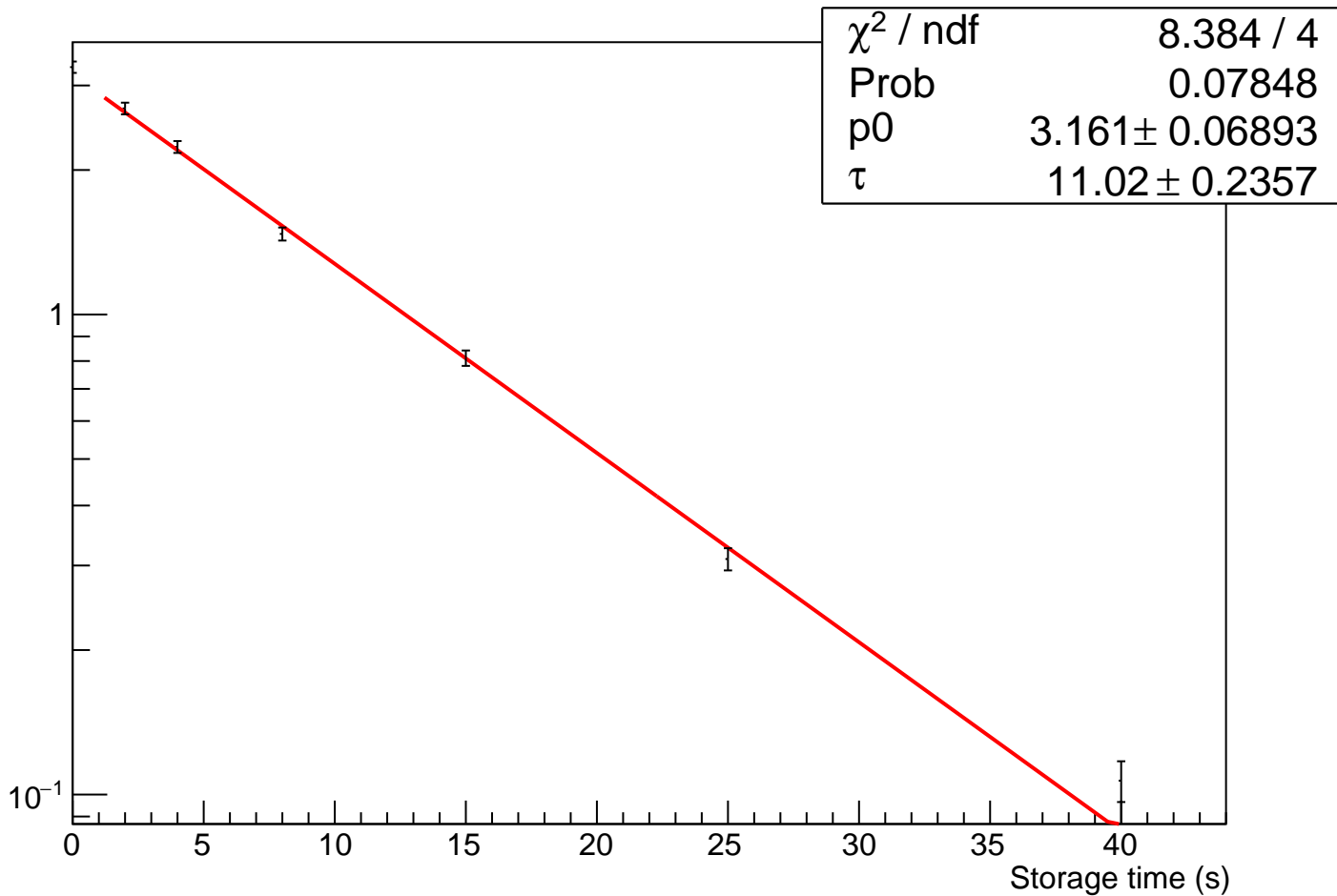
Prob

0.09326

p0

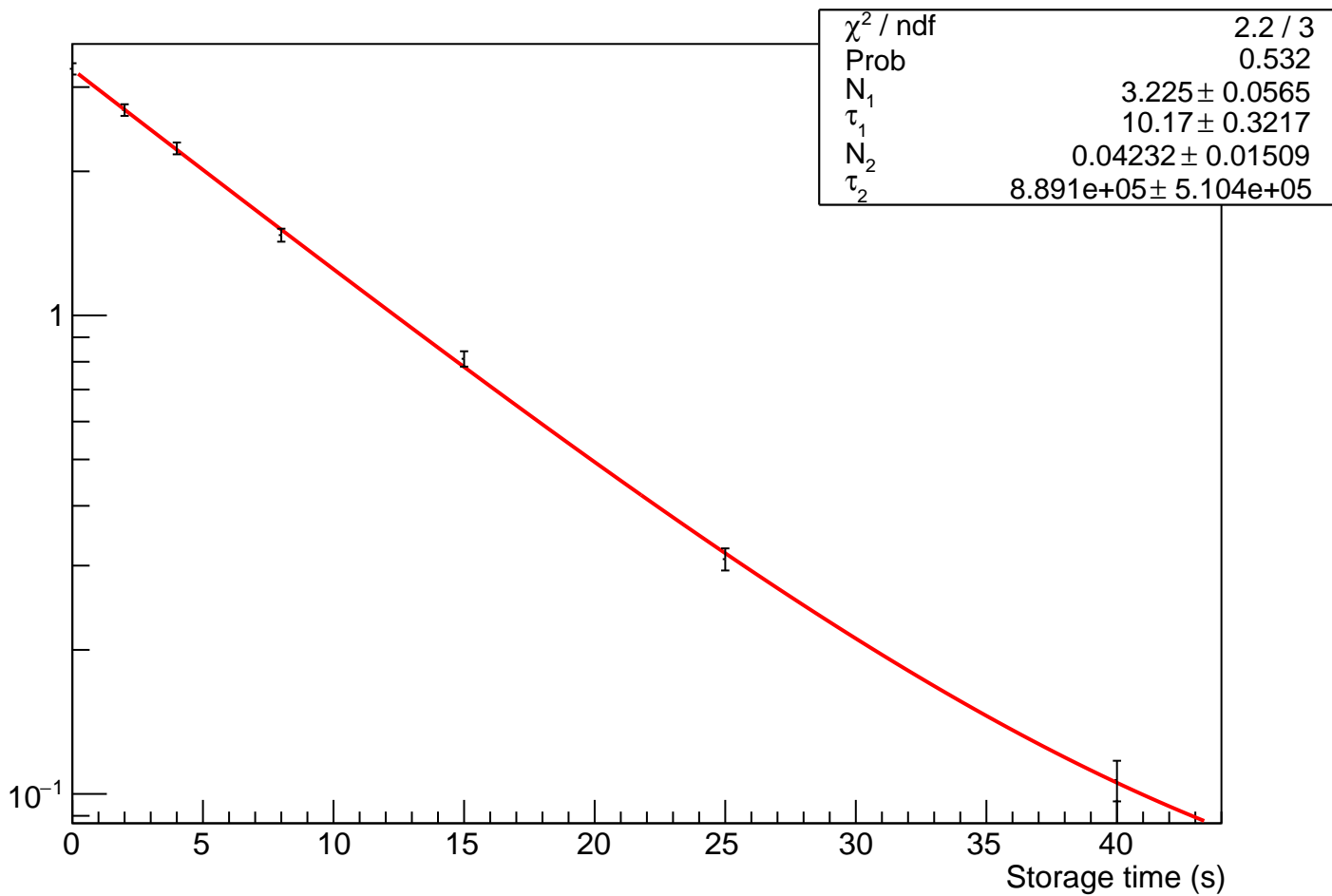
 $3.204 \pm 0.05493$  $\tau$  $10.91 \pm 0.2078$

UCN-count-to-monitor ratio

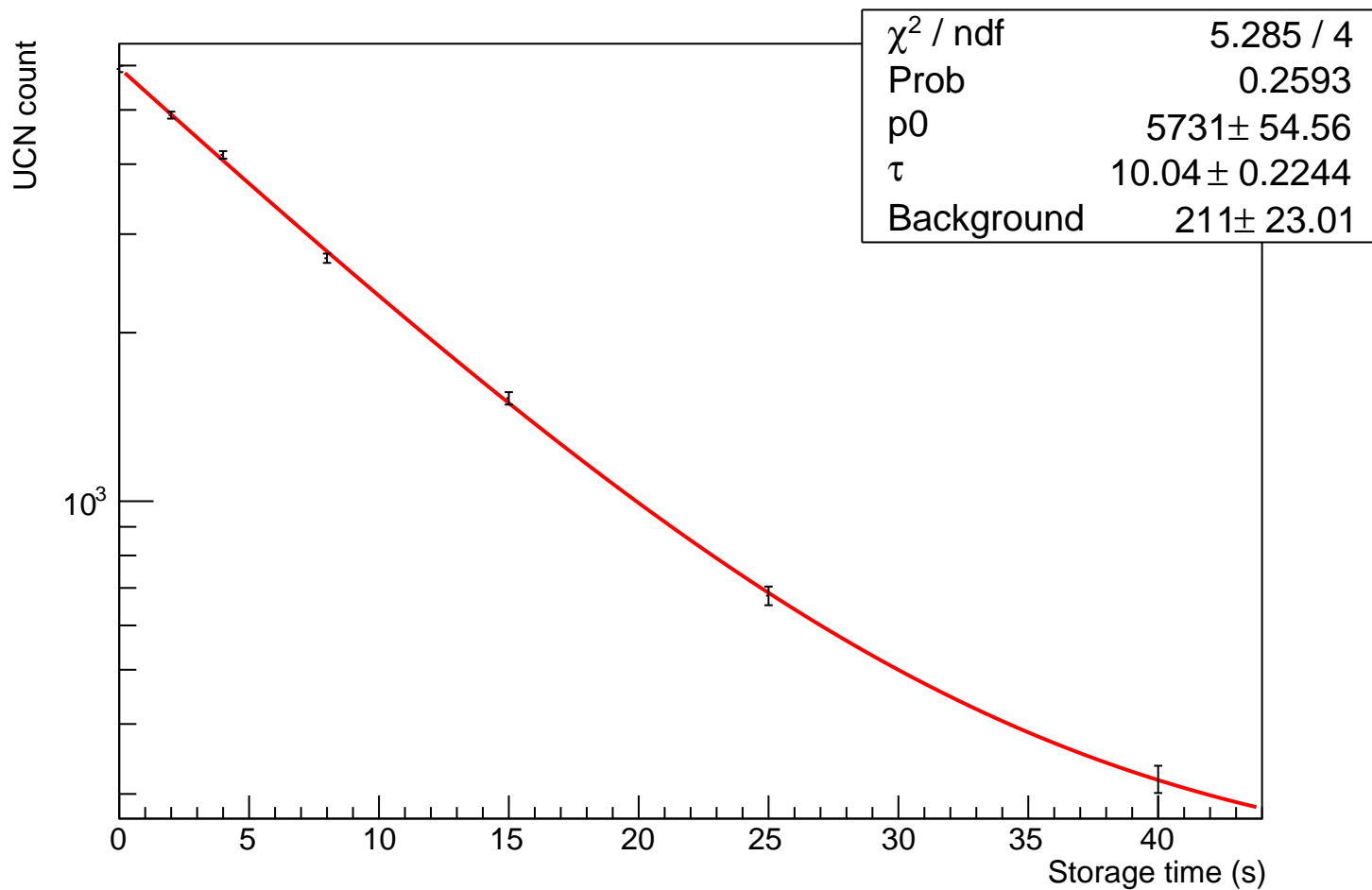


TCN18-268\_50A (double exponential fit, with background subtracted, normalized to monitor detector)

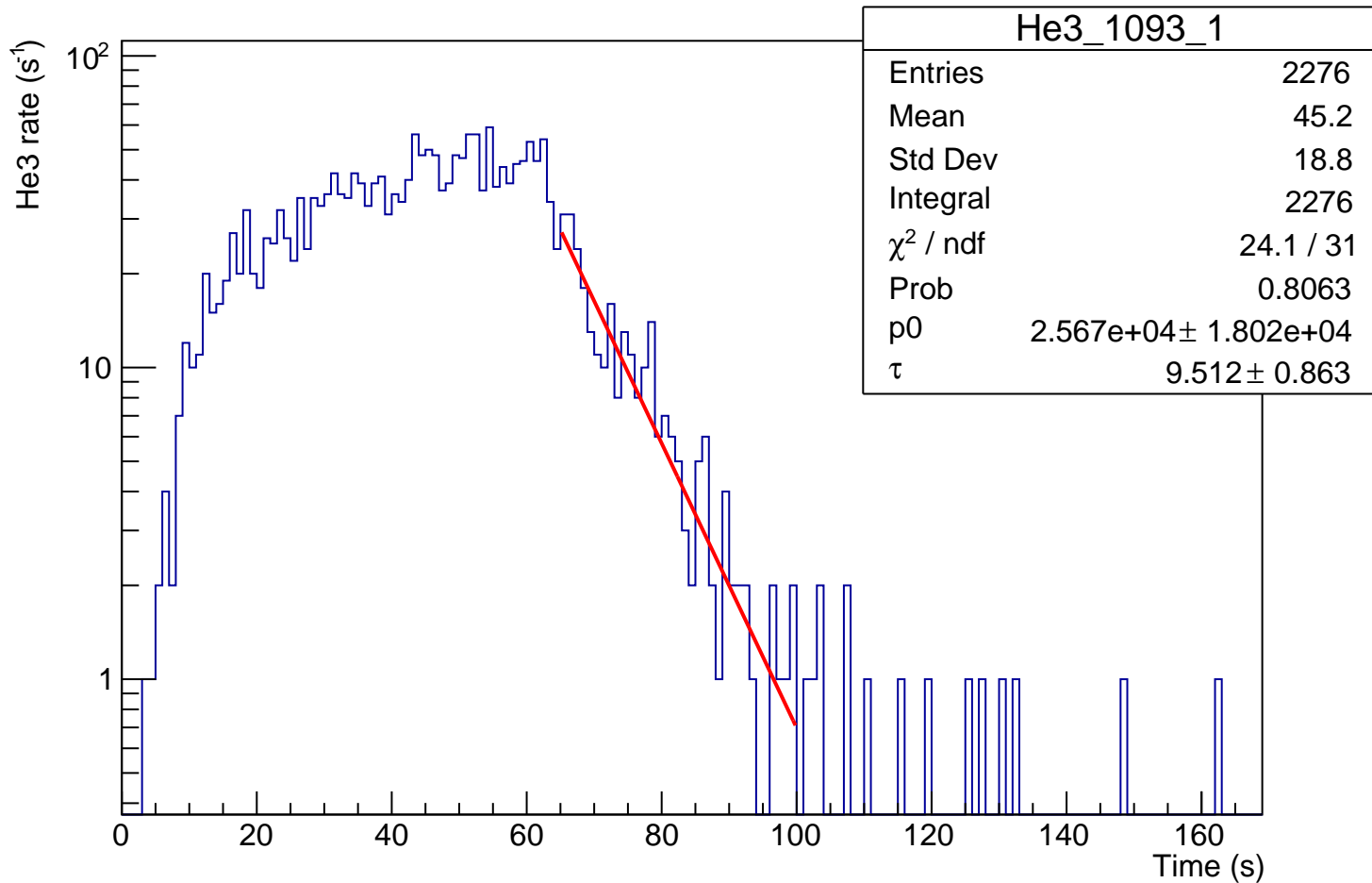
UCN-count-to-monitor ratio



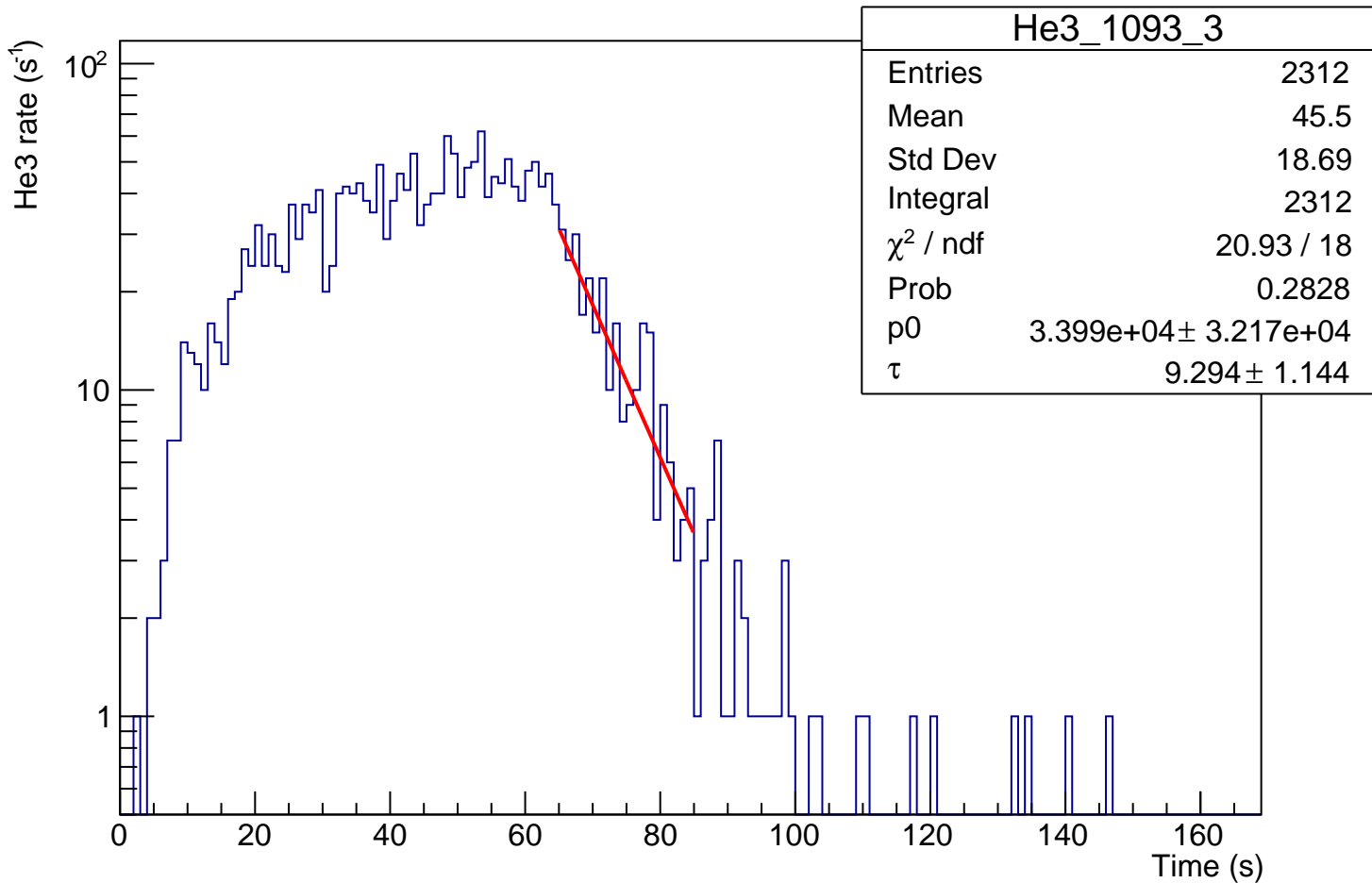
TCN18-268\_50A (single exponential fit + background, unnormalized)



# He3 detector rate



# He3 detector rate



**Average lifetime from He3 data:**

$$\tau = 9.43301368488 \pm 0.225178778631 \text{ s}$$