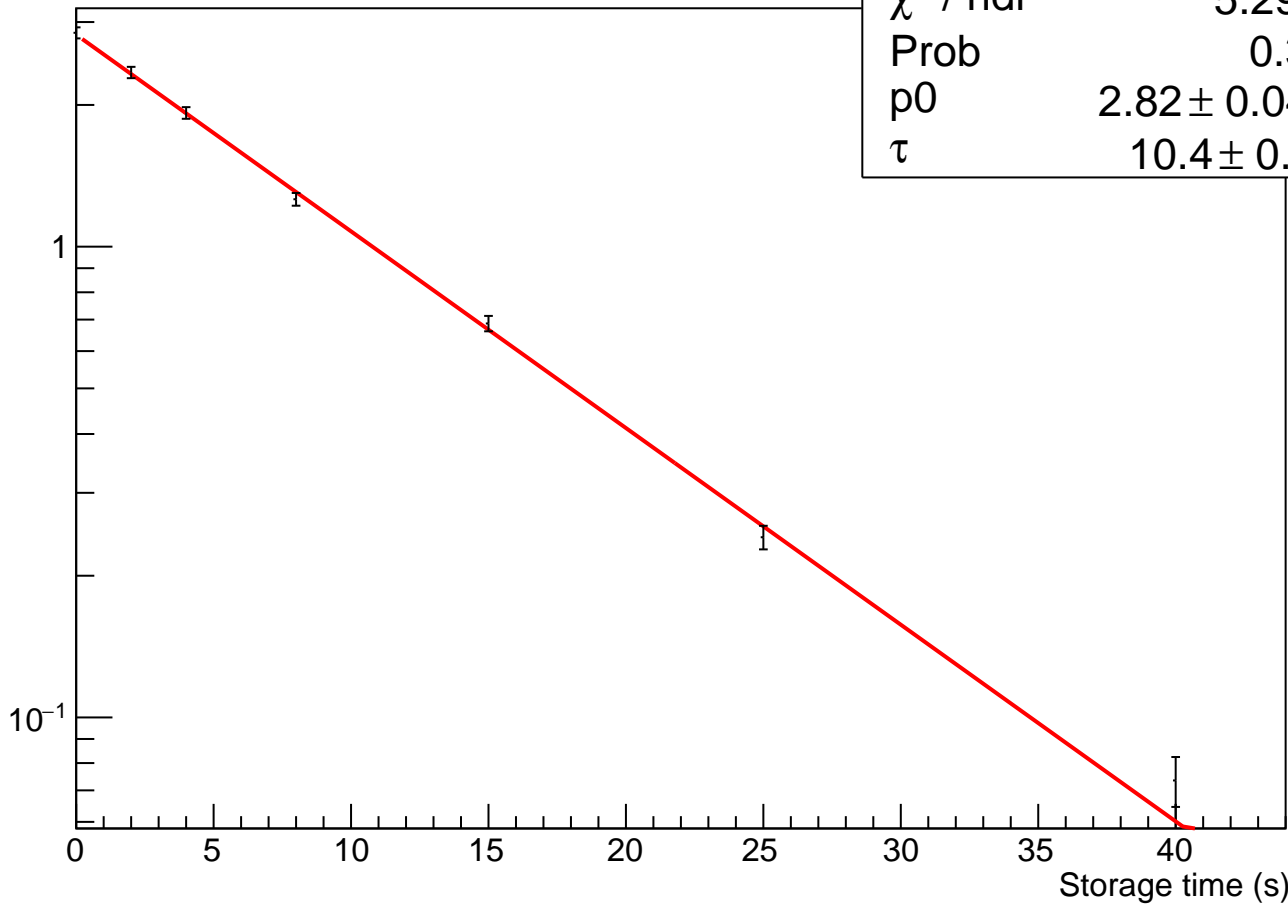


UCN-count-to-monitor ratio

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

5.296 / 5

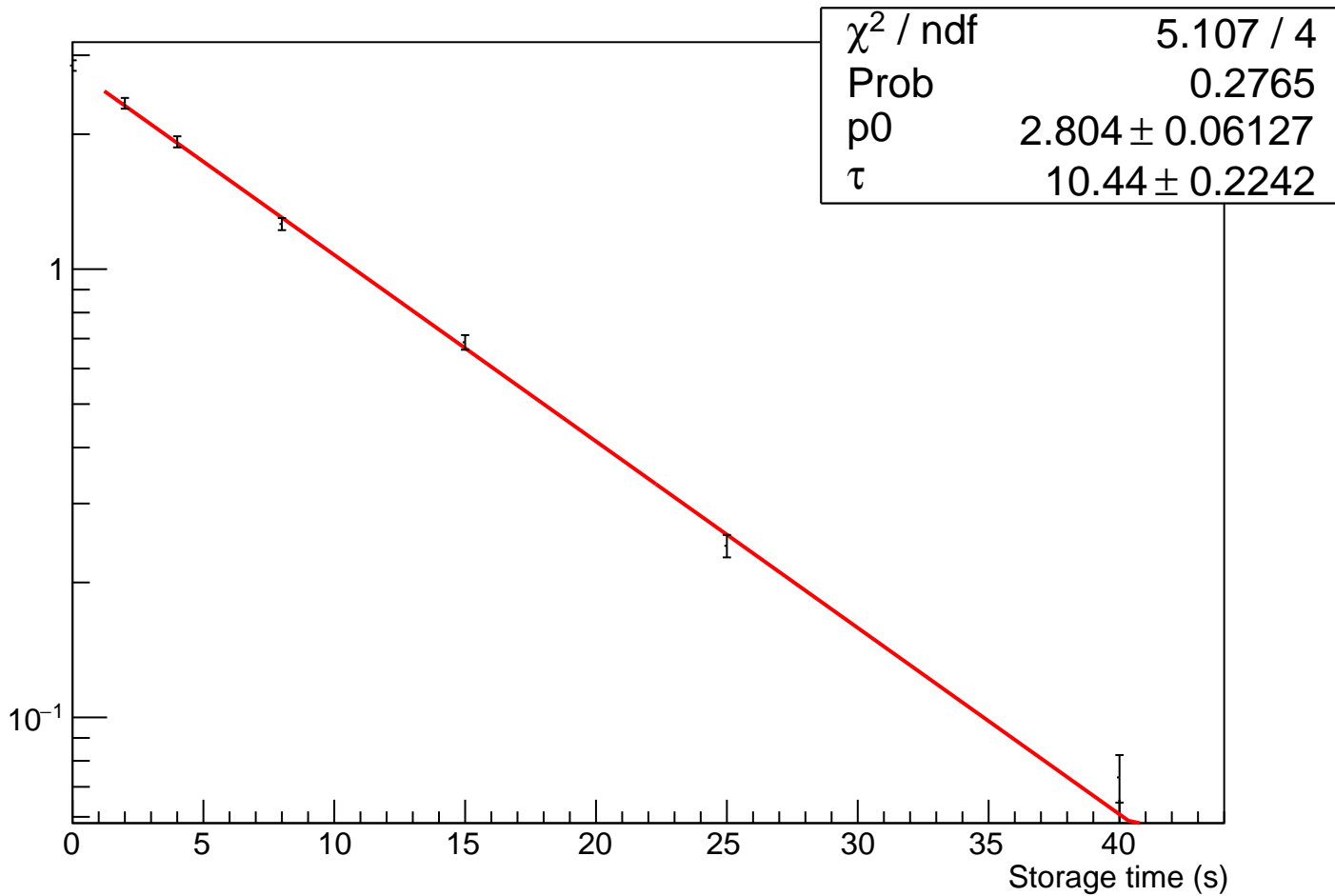
Prob

0.3808

p0

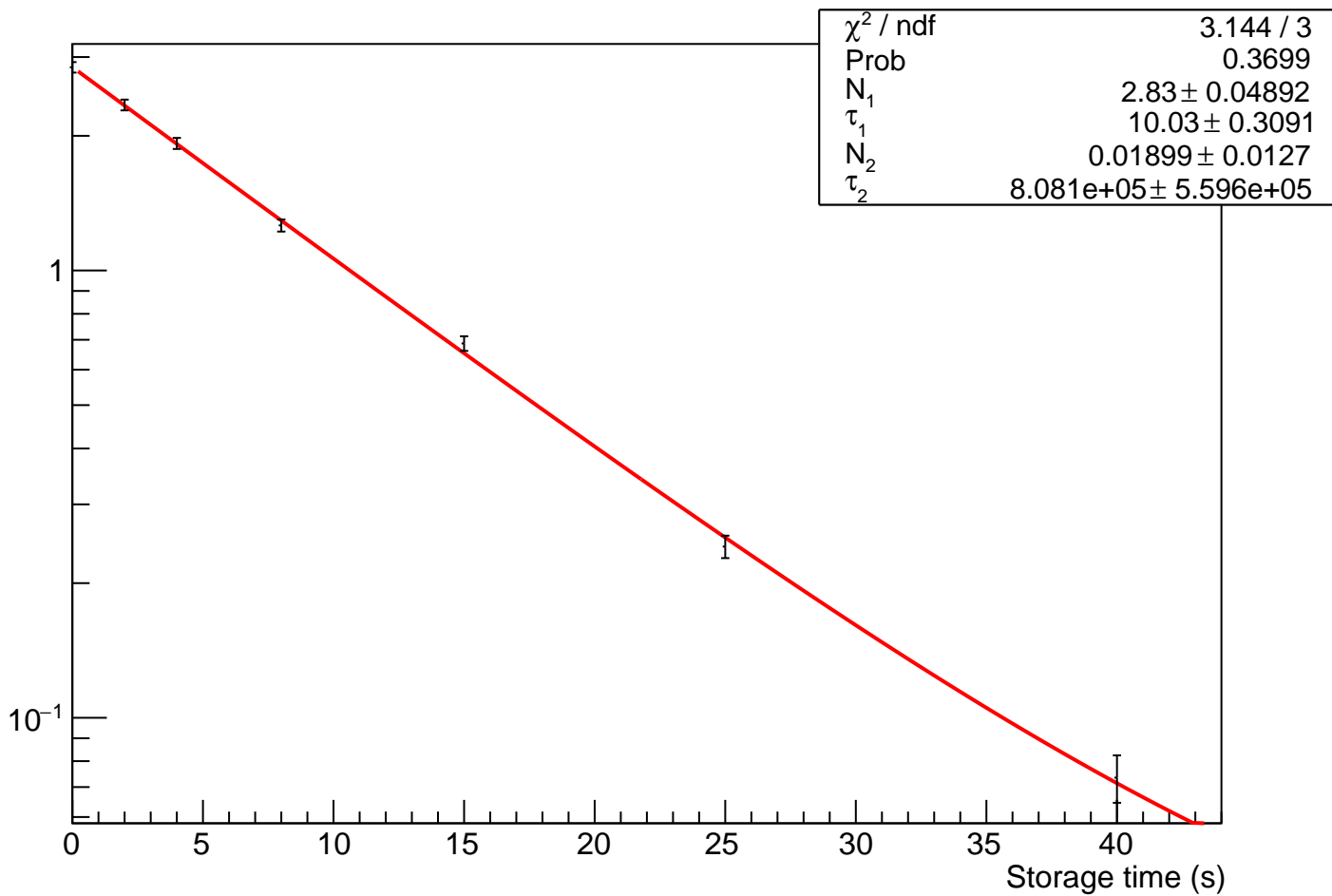
 $2.82 \pm 0.04805$  $\tau$  $10.4 \pm 0.1981$

UCN-count-to-monitor ratio

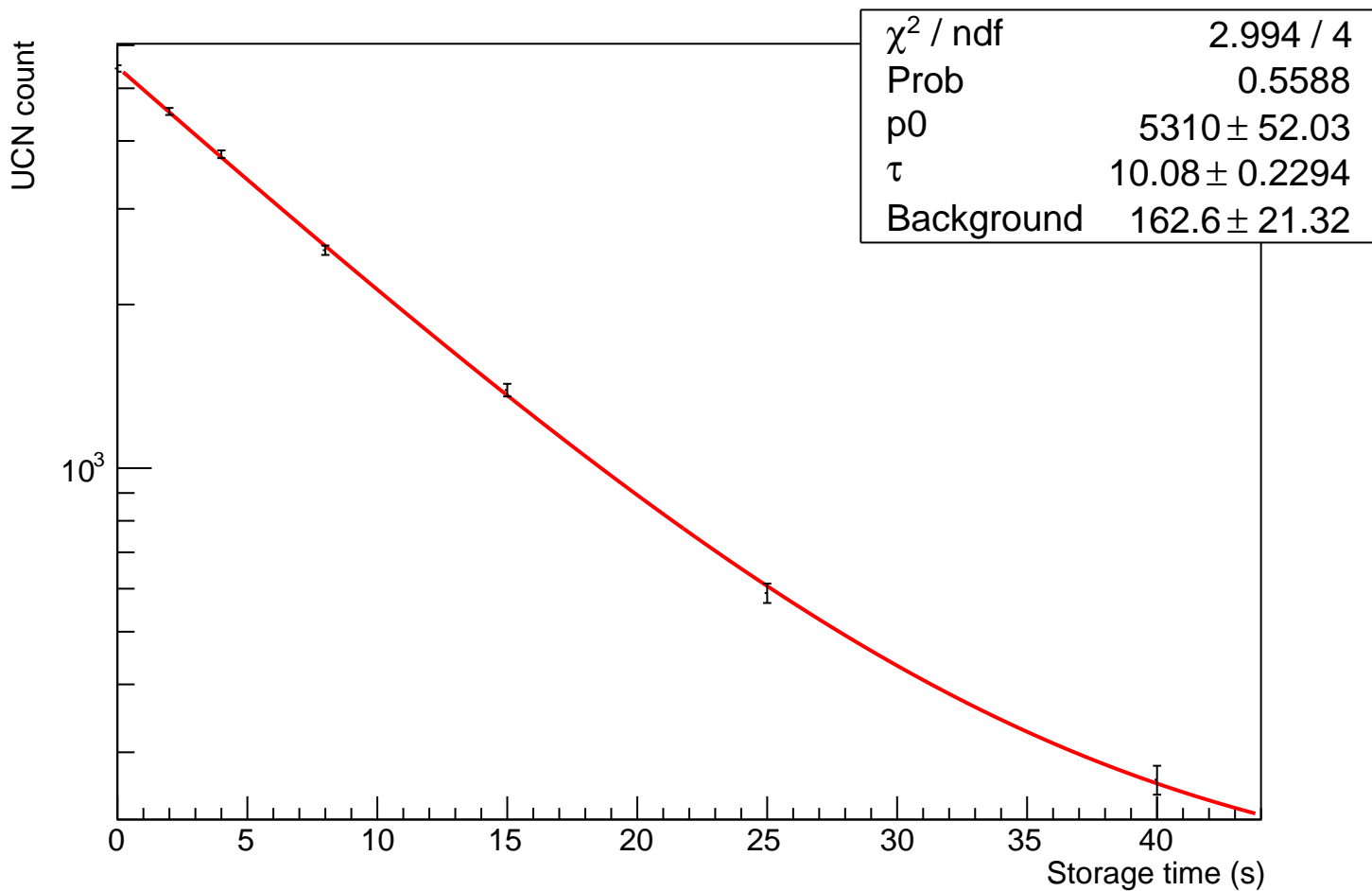


TCN18-268\_100A (double exponential fit, with background subtracted, normalized to monitor detector)

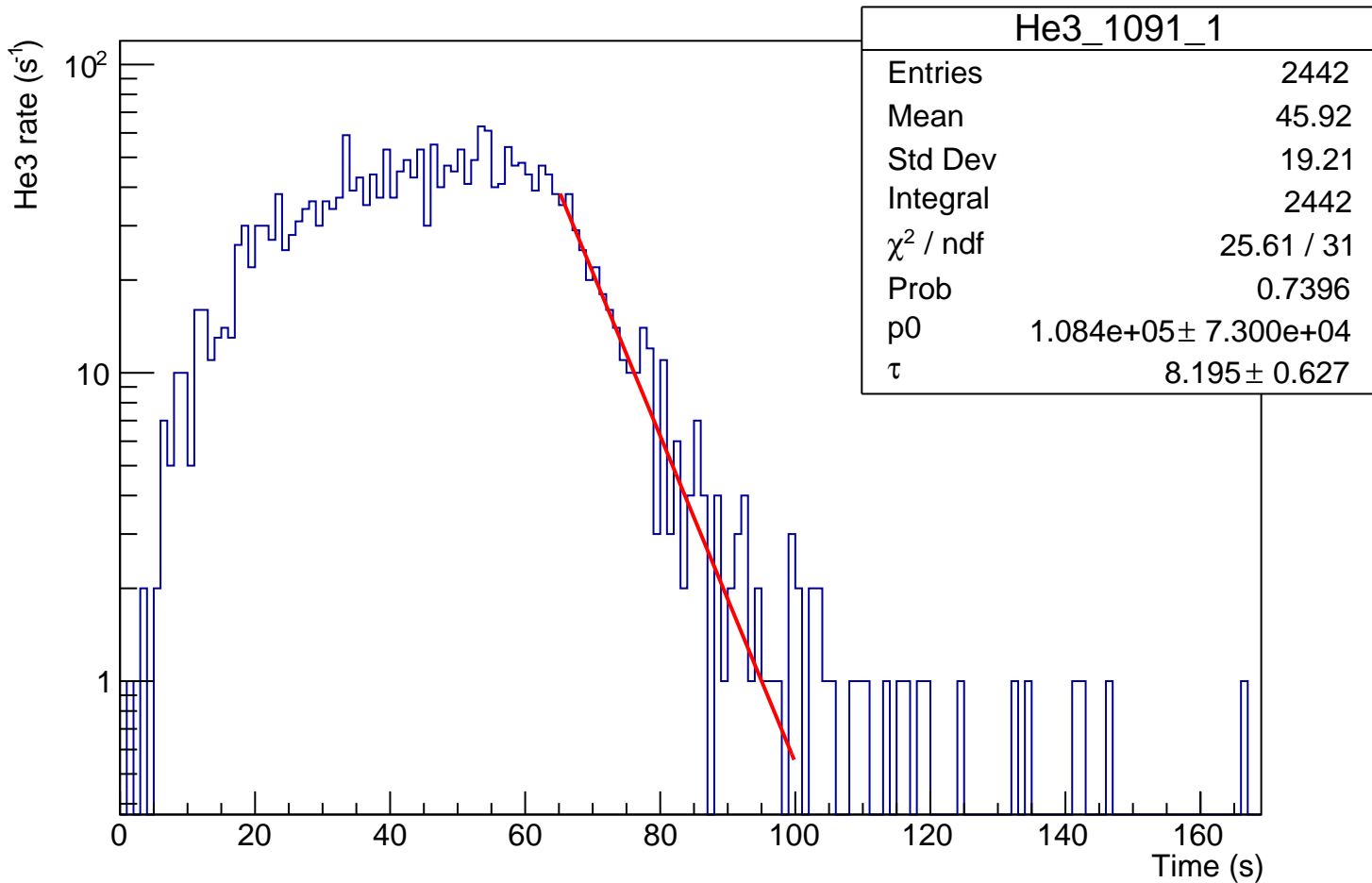
UCN-count-to-monitor ratio



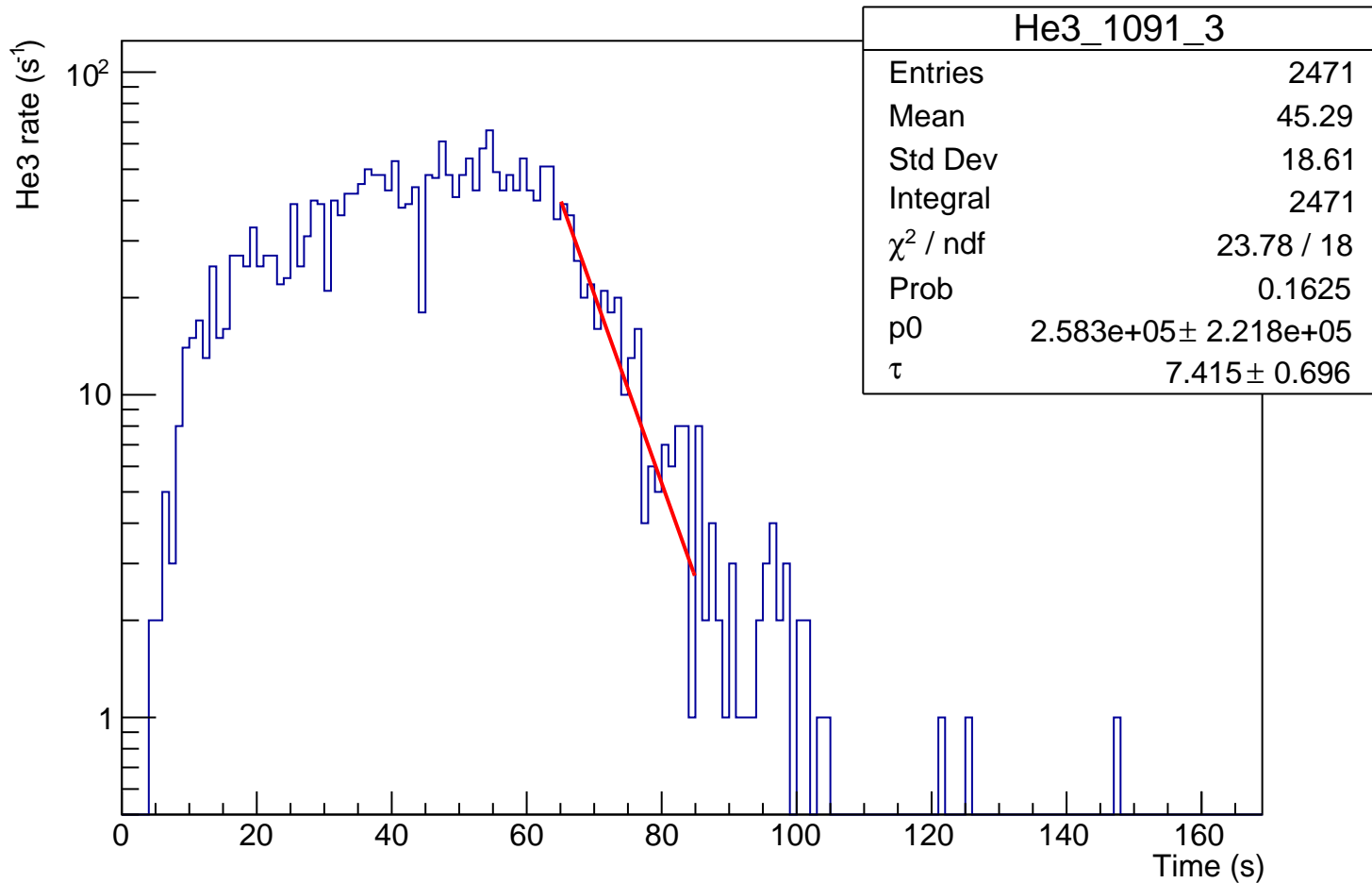
TCN18-268\_100A (single exponential fit + background, unnormalized)



# He3 detector rate



# He3 detector rate



**Average lifetime from He3 data:**

$$\tau = 7.84538560218 \pm 0.0470244128988 \text{ s}$$