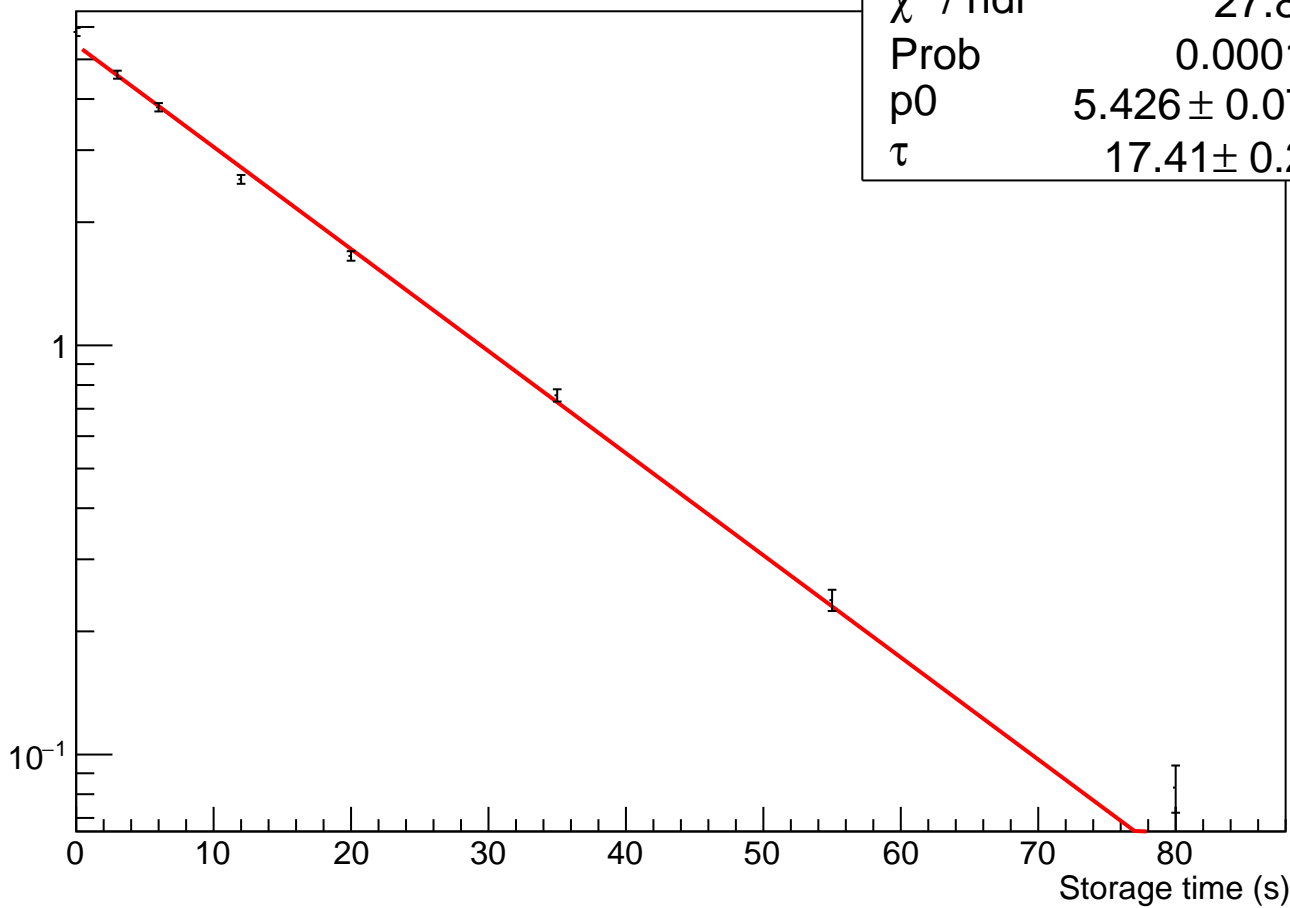
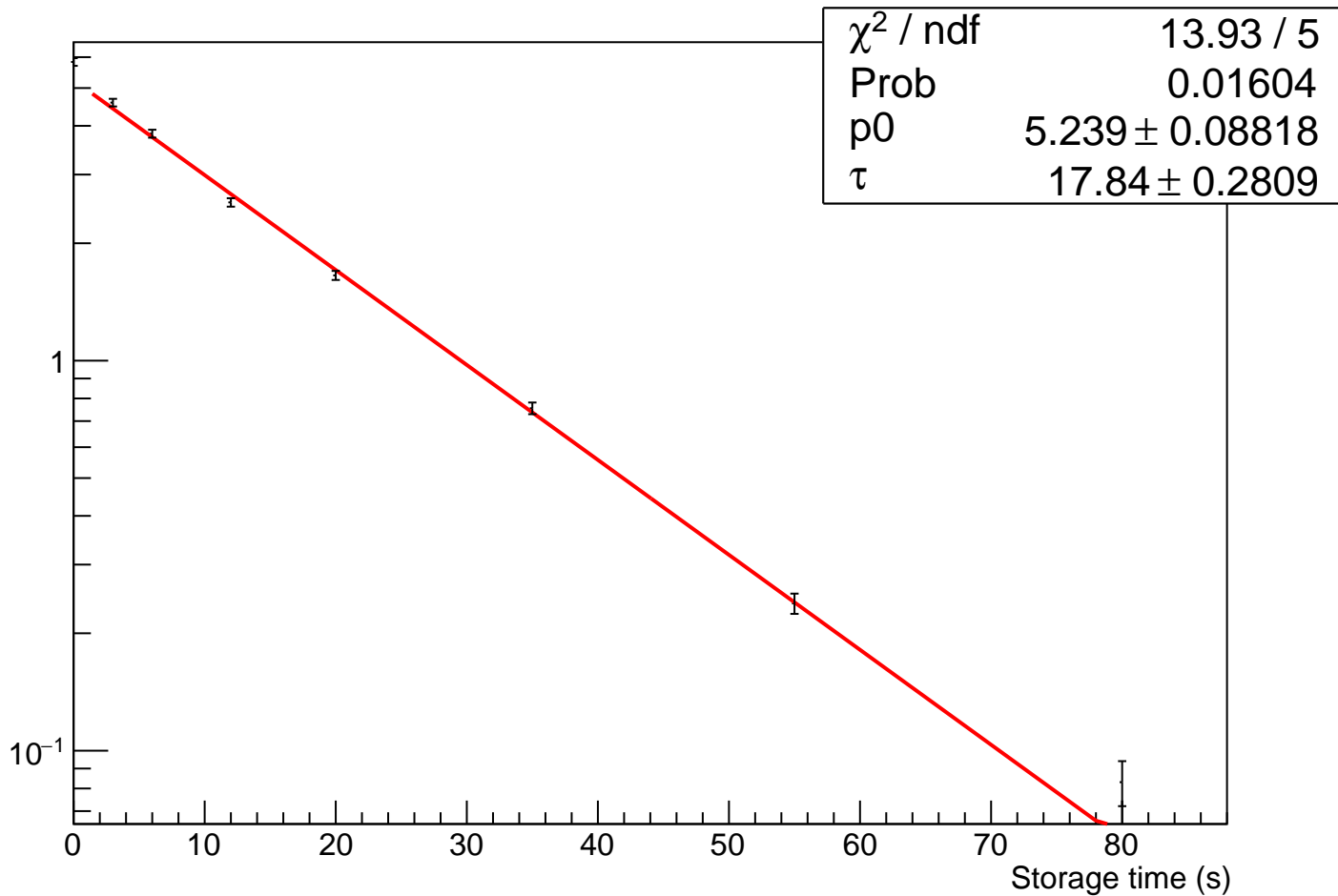


UCN-count-to-monitor ratio

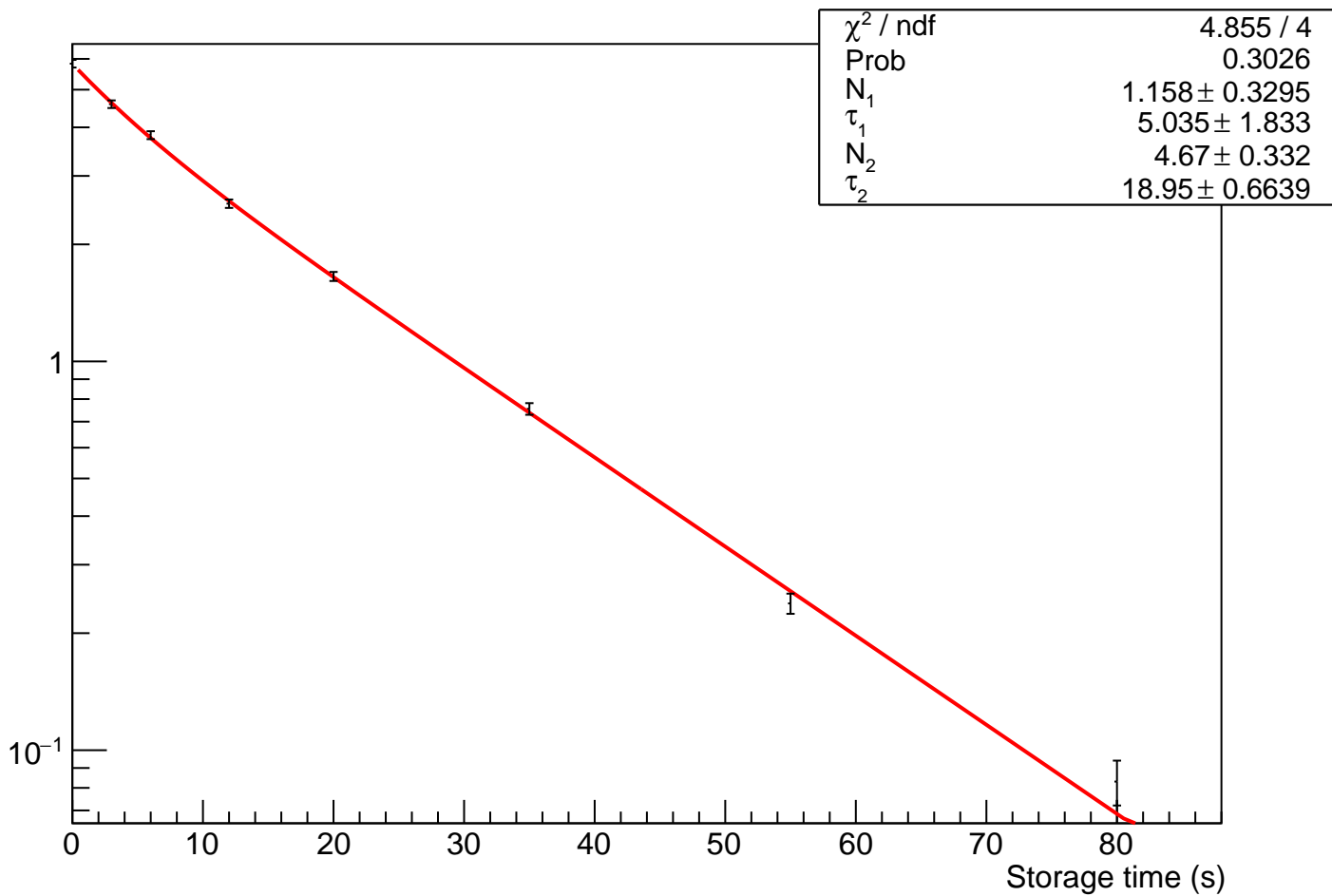


UCN-count-to-monitor ratio

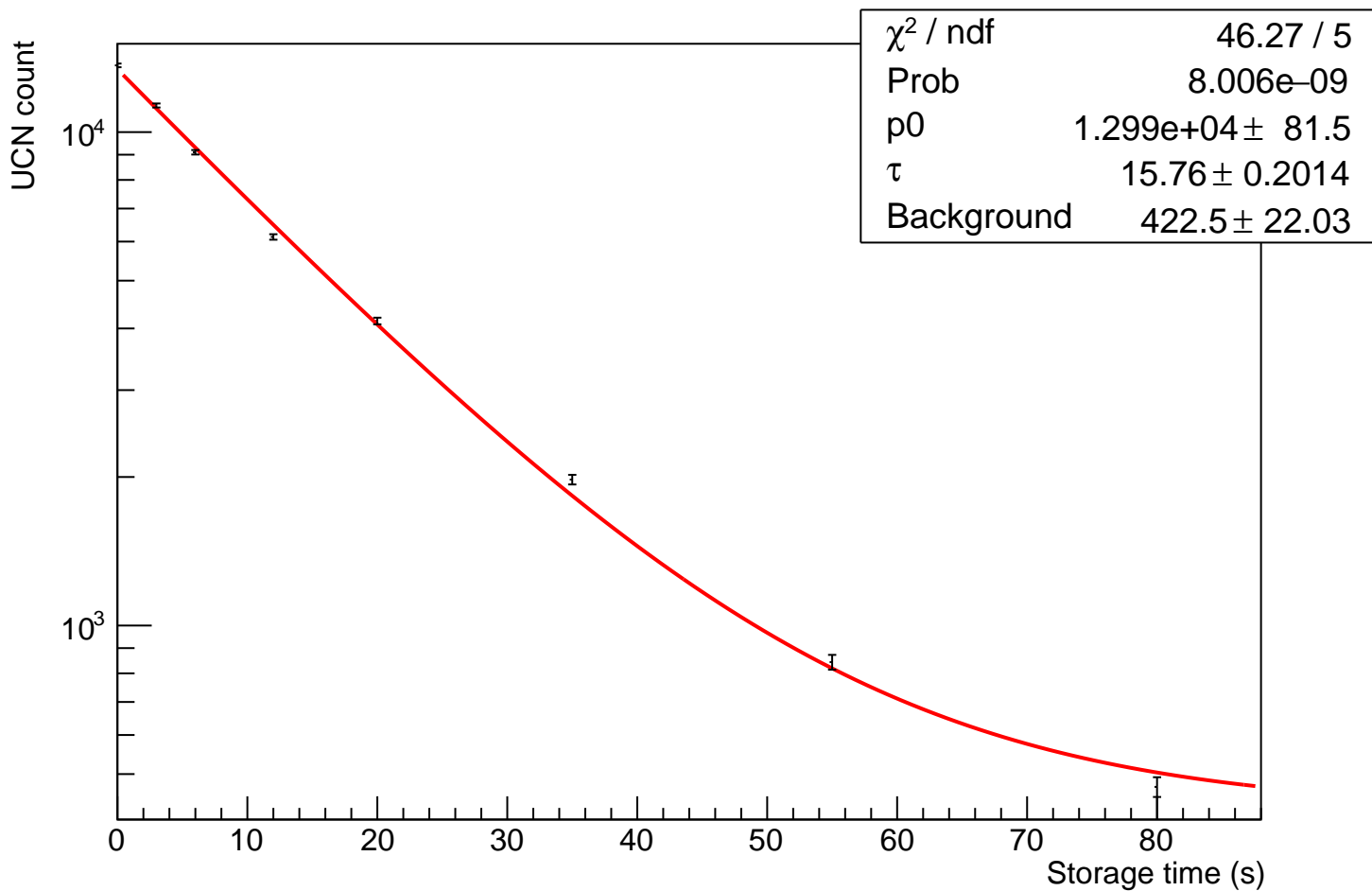


TCN18-068\_100A (double exponential fit, with background subtracted, normalized to monitor detector)

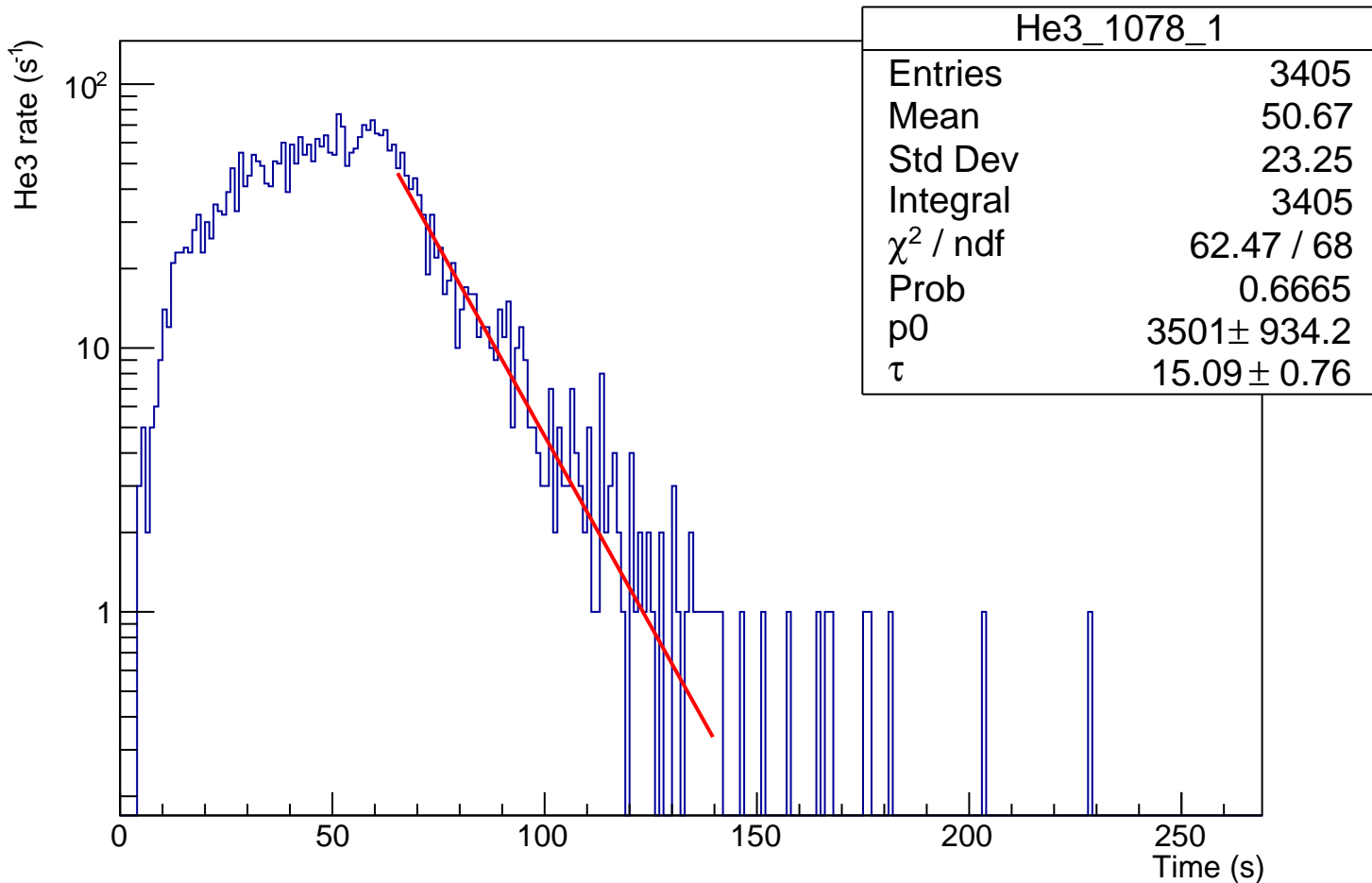
UCN-count-to-monitor ratio



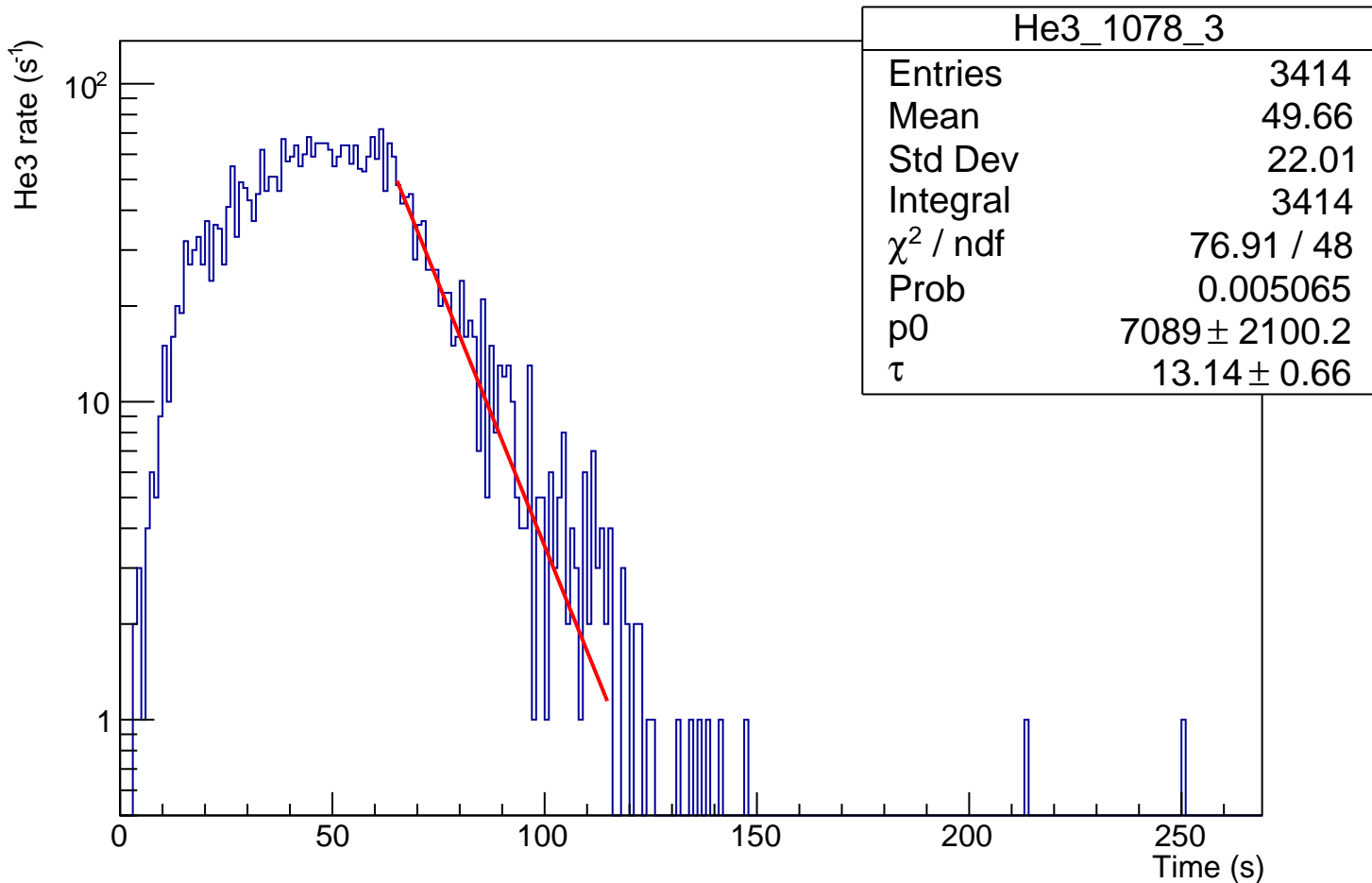
TCN18-068\_100A (single exponential fit + background, unnormalized)



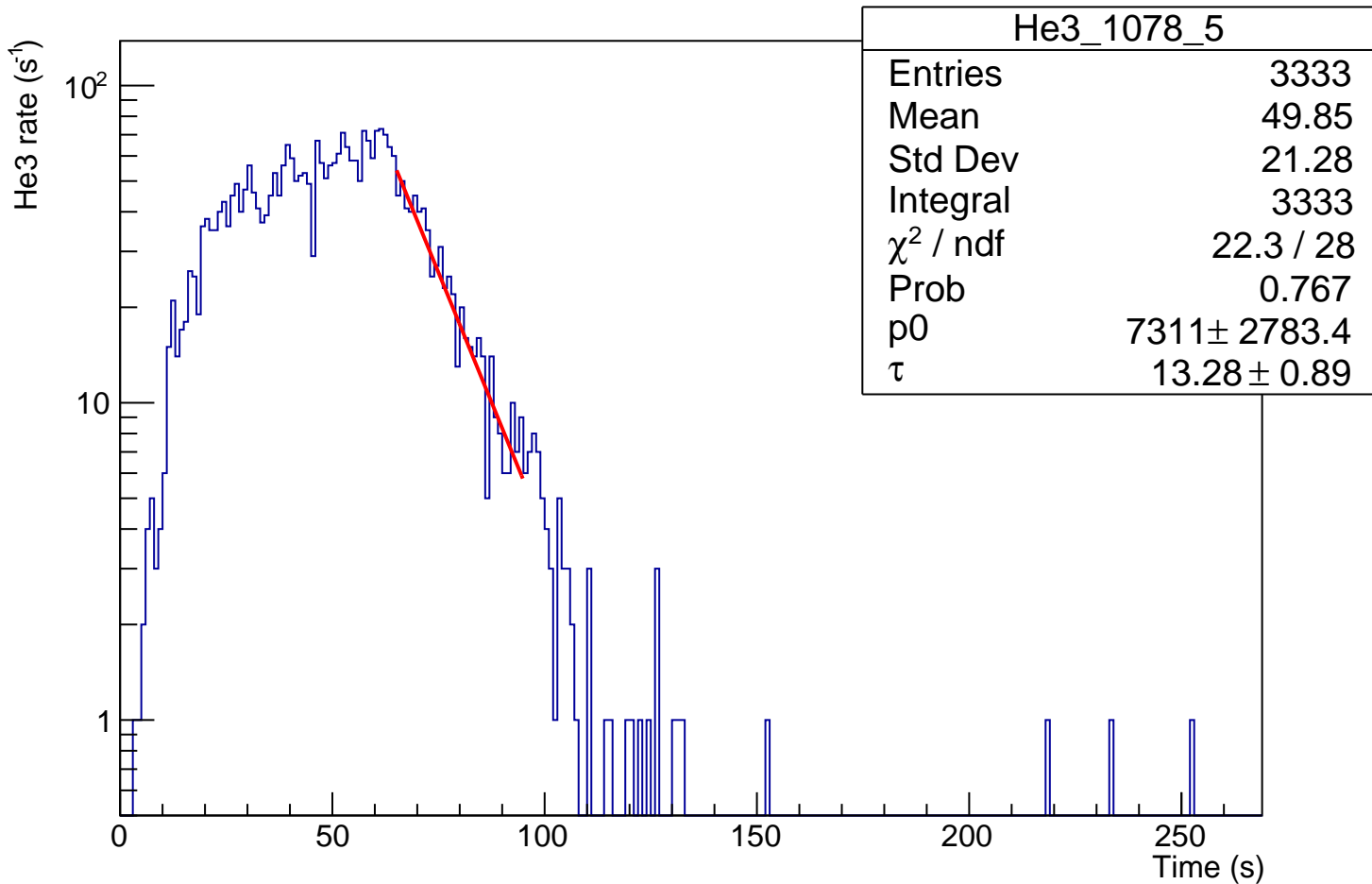
# He3 detector rate



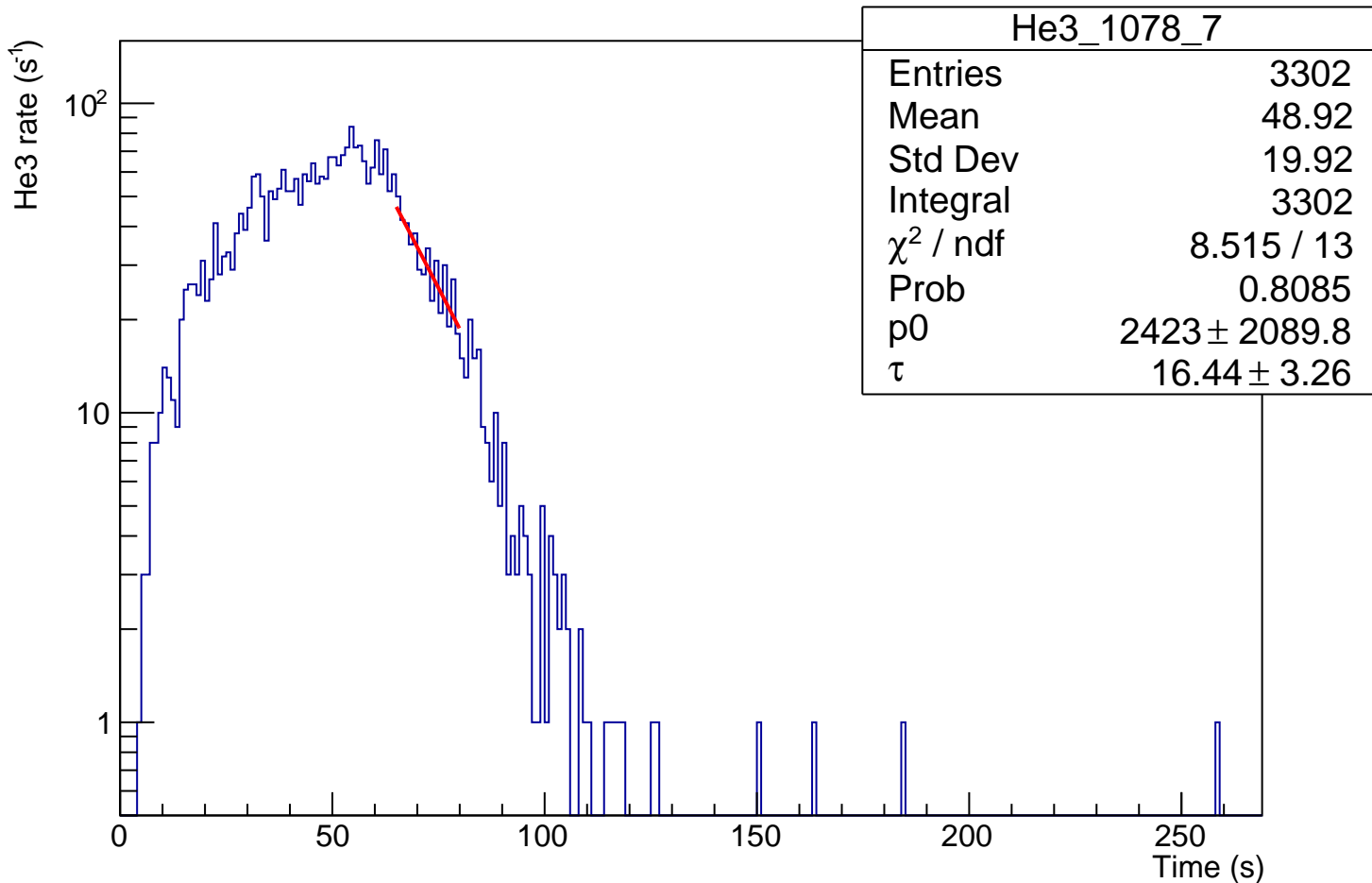
# He3 detector rate



# He3 detector rate



# He3 detector rate





**Average lifetime from He3 data:**

$$\tau = 13.85943843 \pm 0.0343487952312 \text{ s}$$