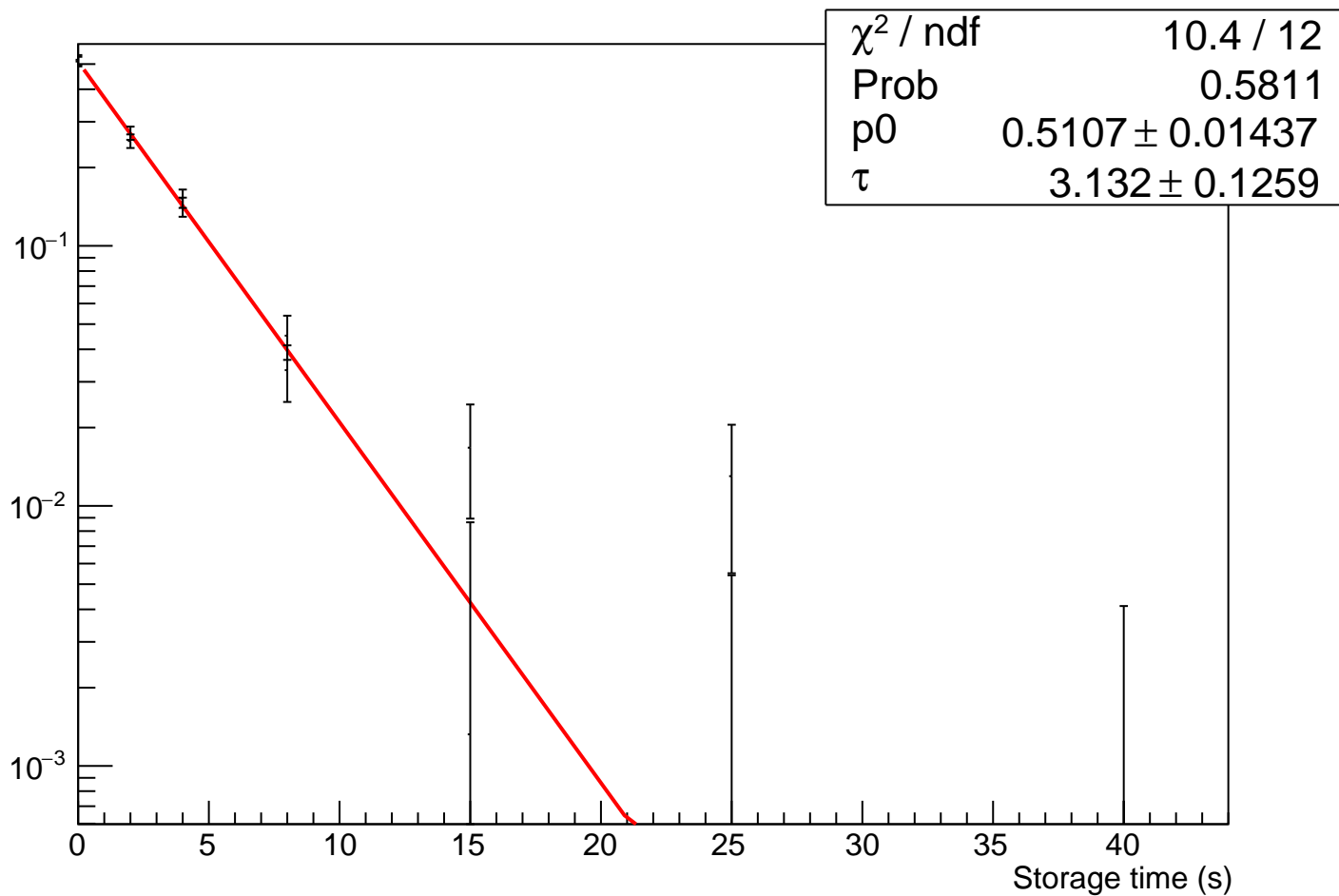
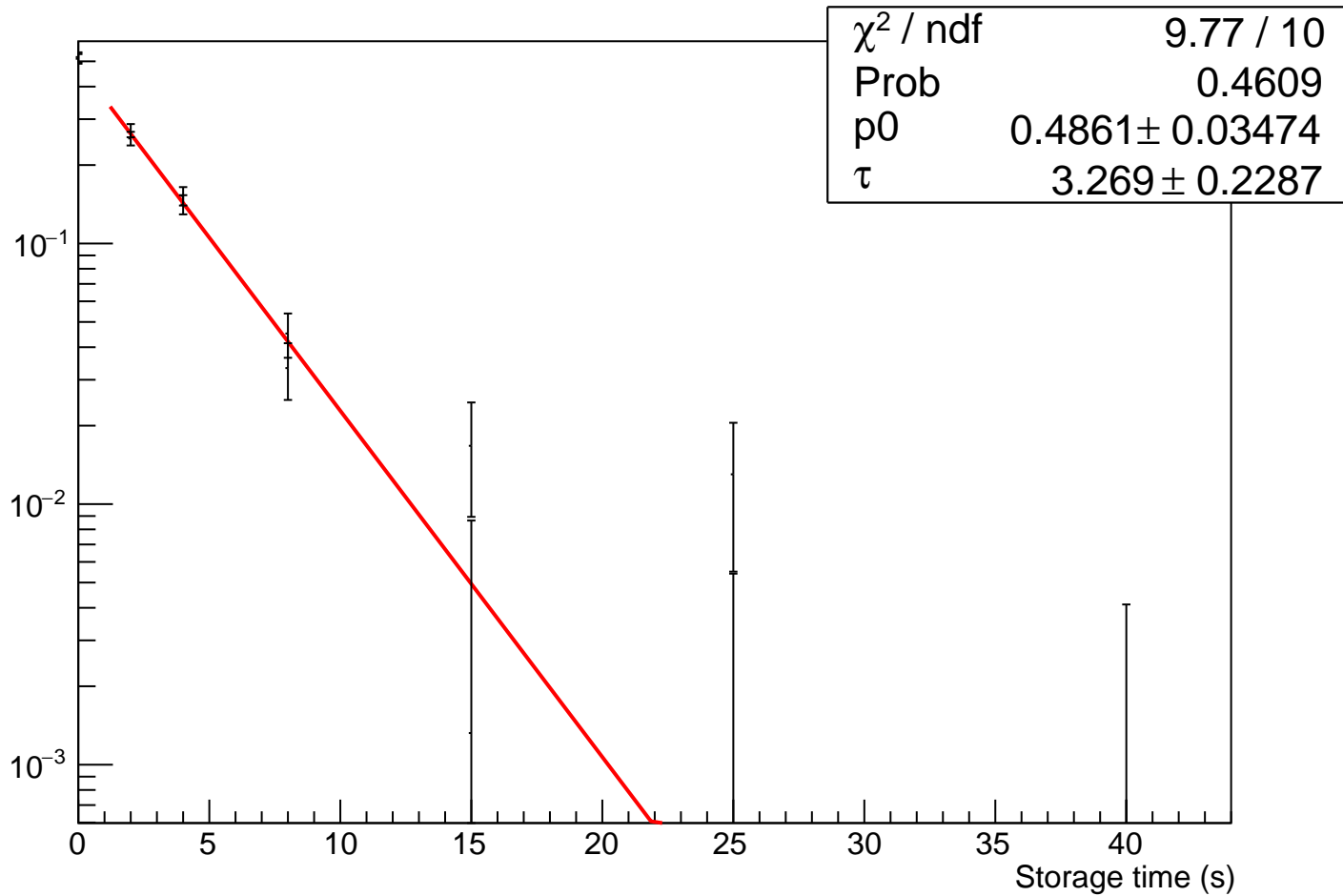


UCN-count-to-monitor ratio

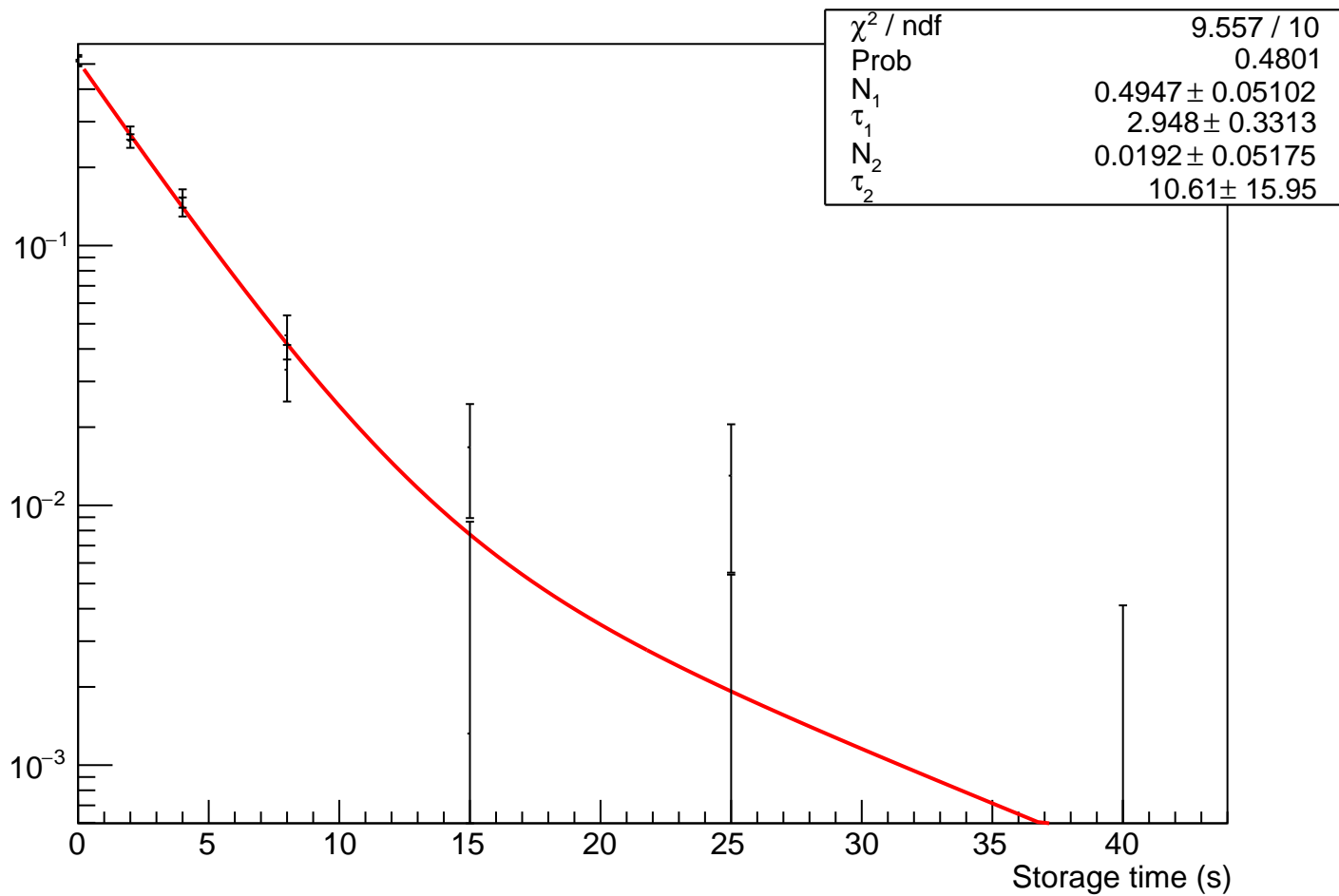


UCN-count-to-monitor ratio

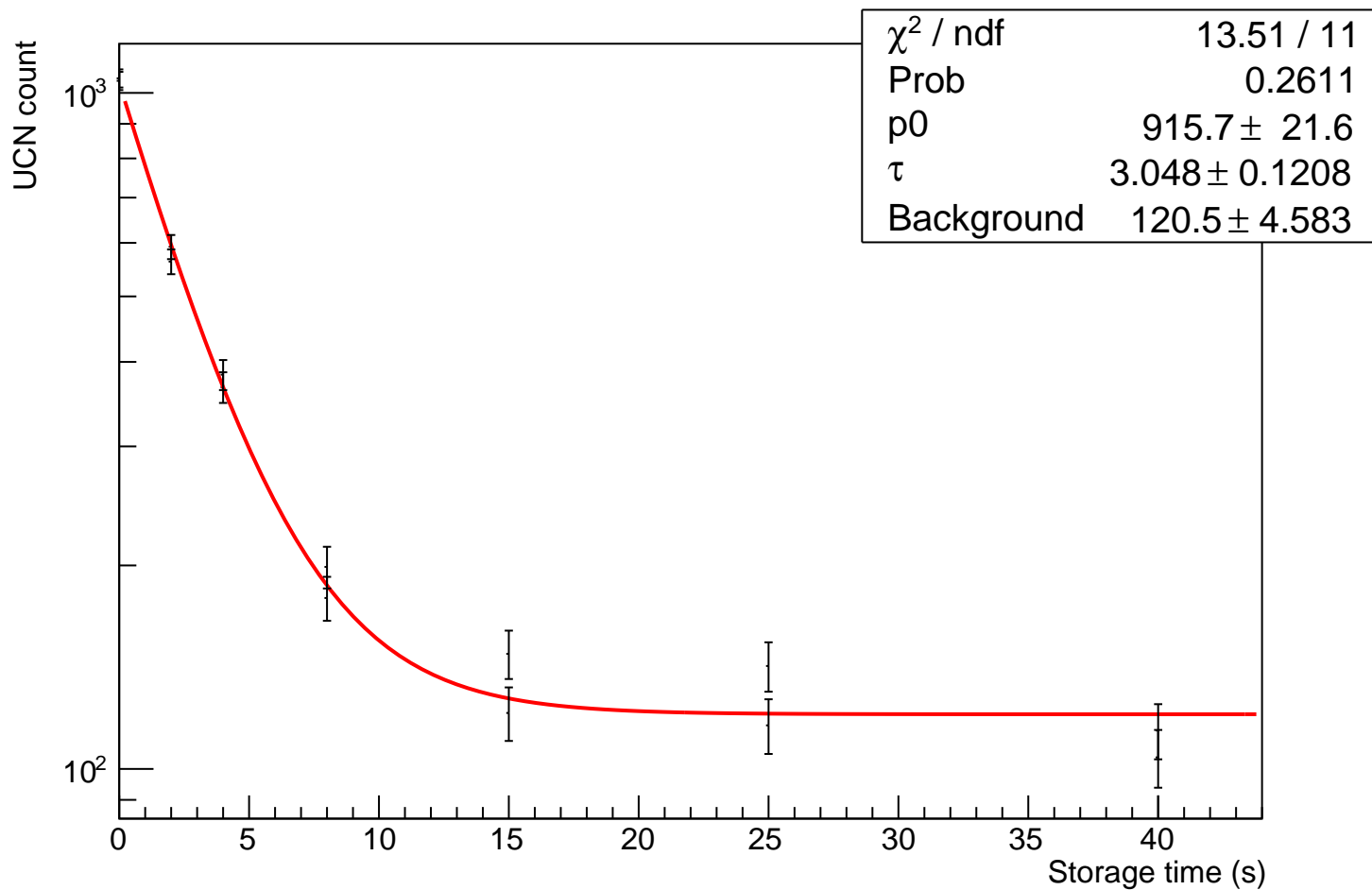


TCN18-266\_0A (double exponential fit, with background subtracted, normalized to monitor detector)

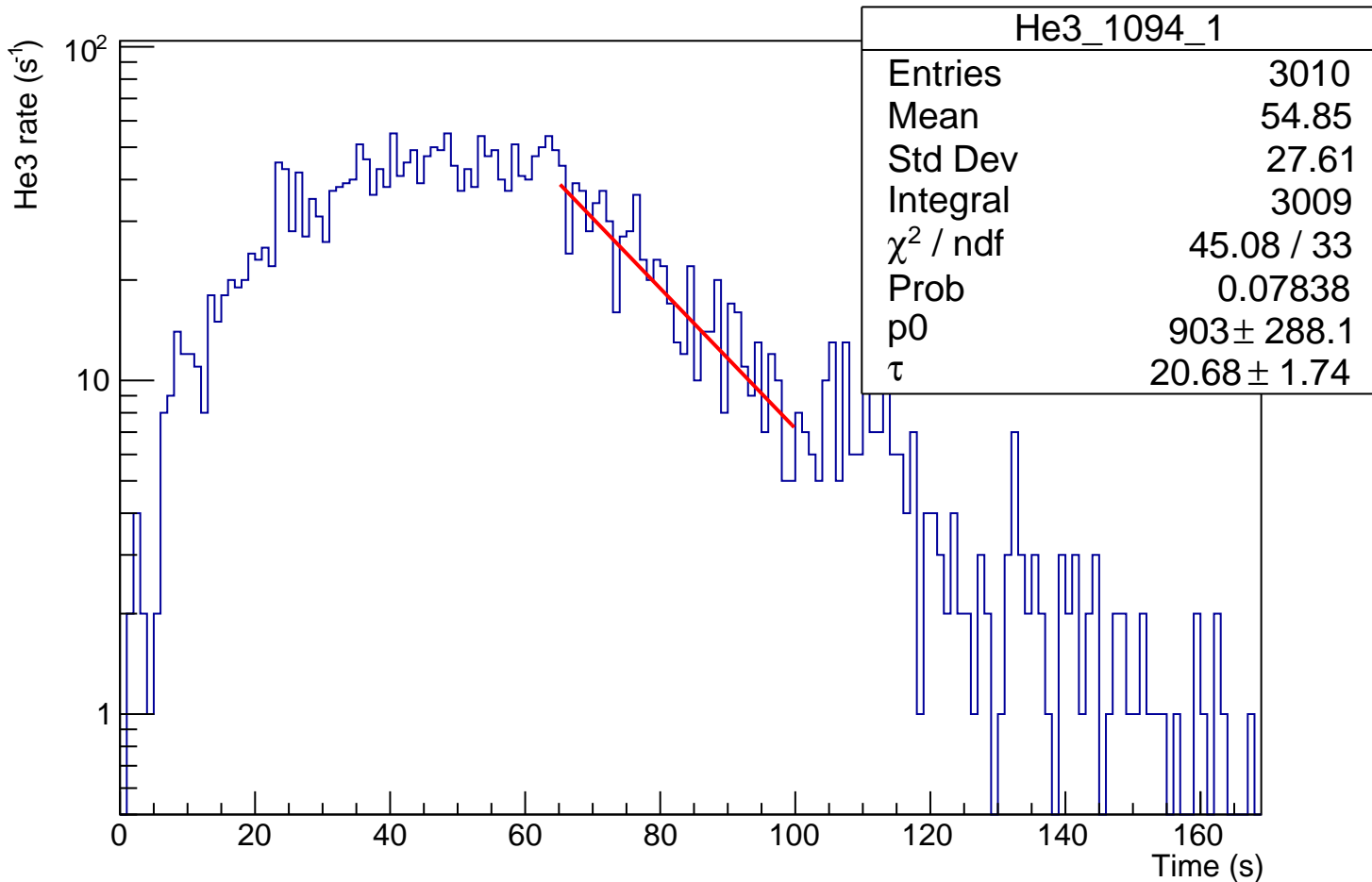
UCN-count-to-monitor ratio



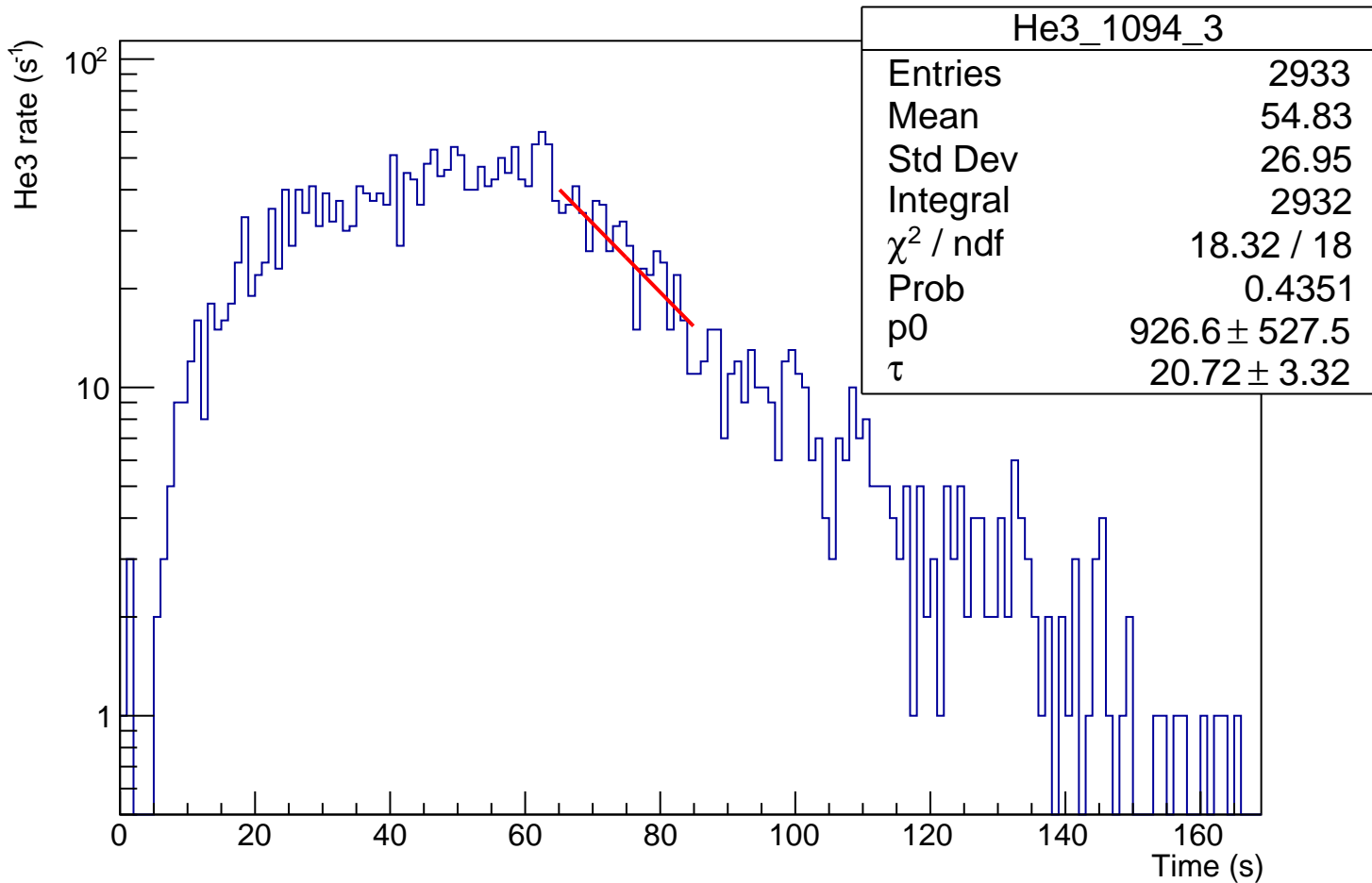
TCN18-266\_0A (single exponential fit + background, unnormalized)



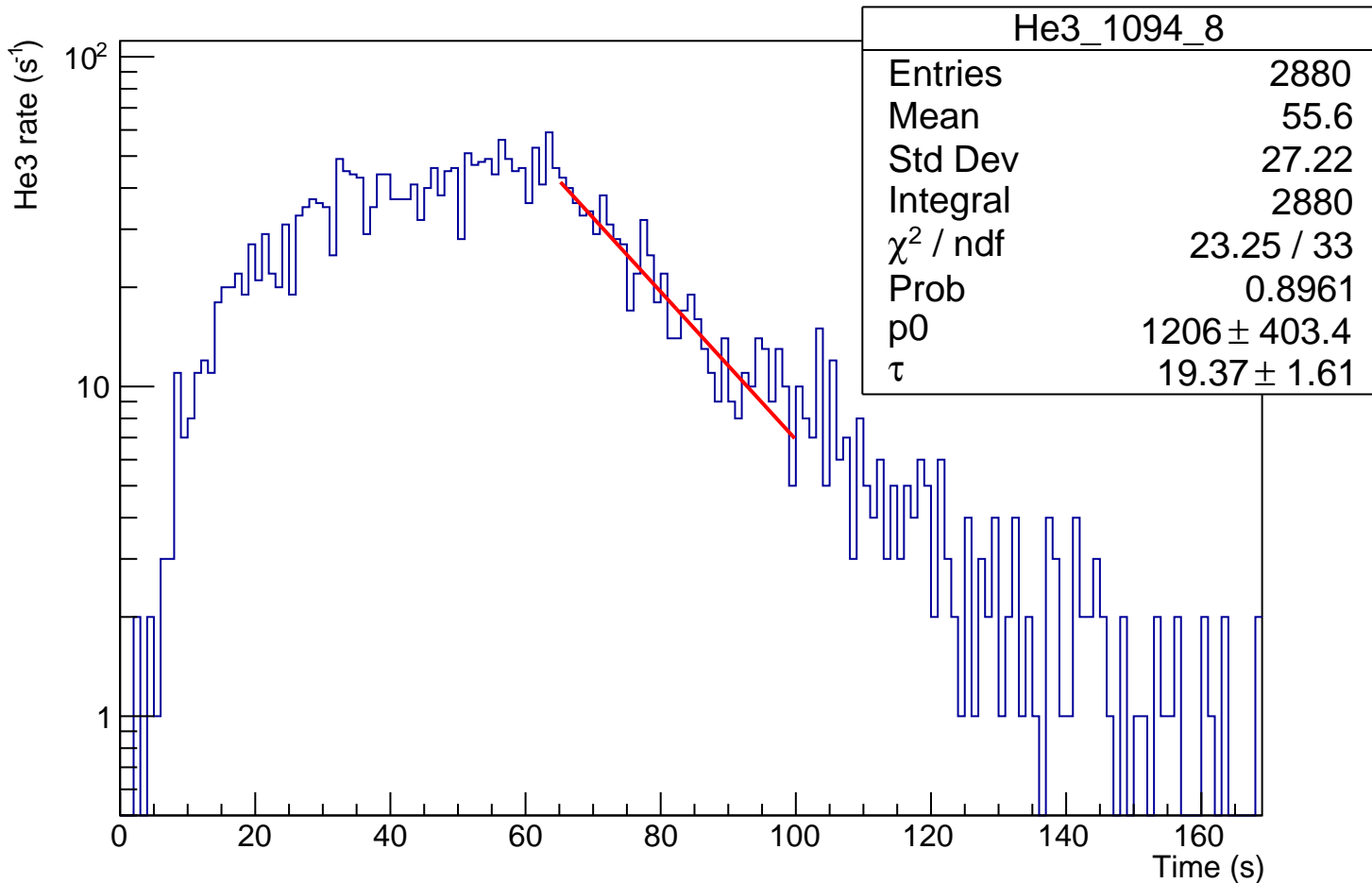
# He3 detector rate



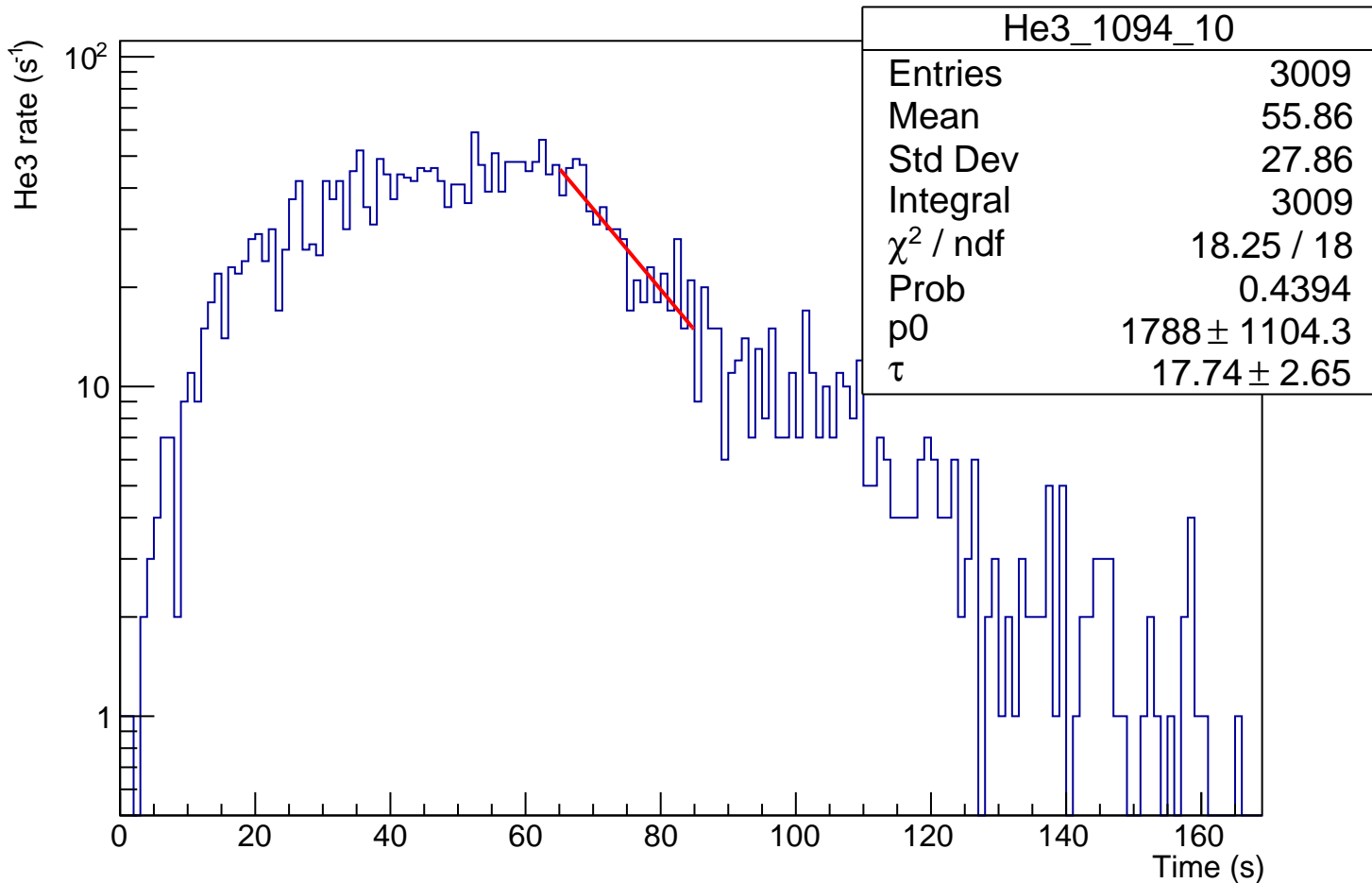
# He3 detector rate



# He3 detector rate



# He3 detector rate





**Average lifetime from He3 data:**

$$\tau = 19.710224404 \pm 1.10842802191 \text{ s}$$