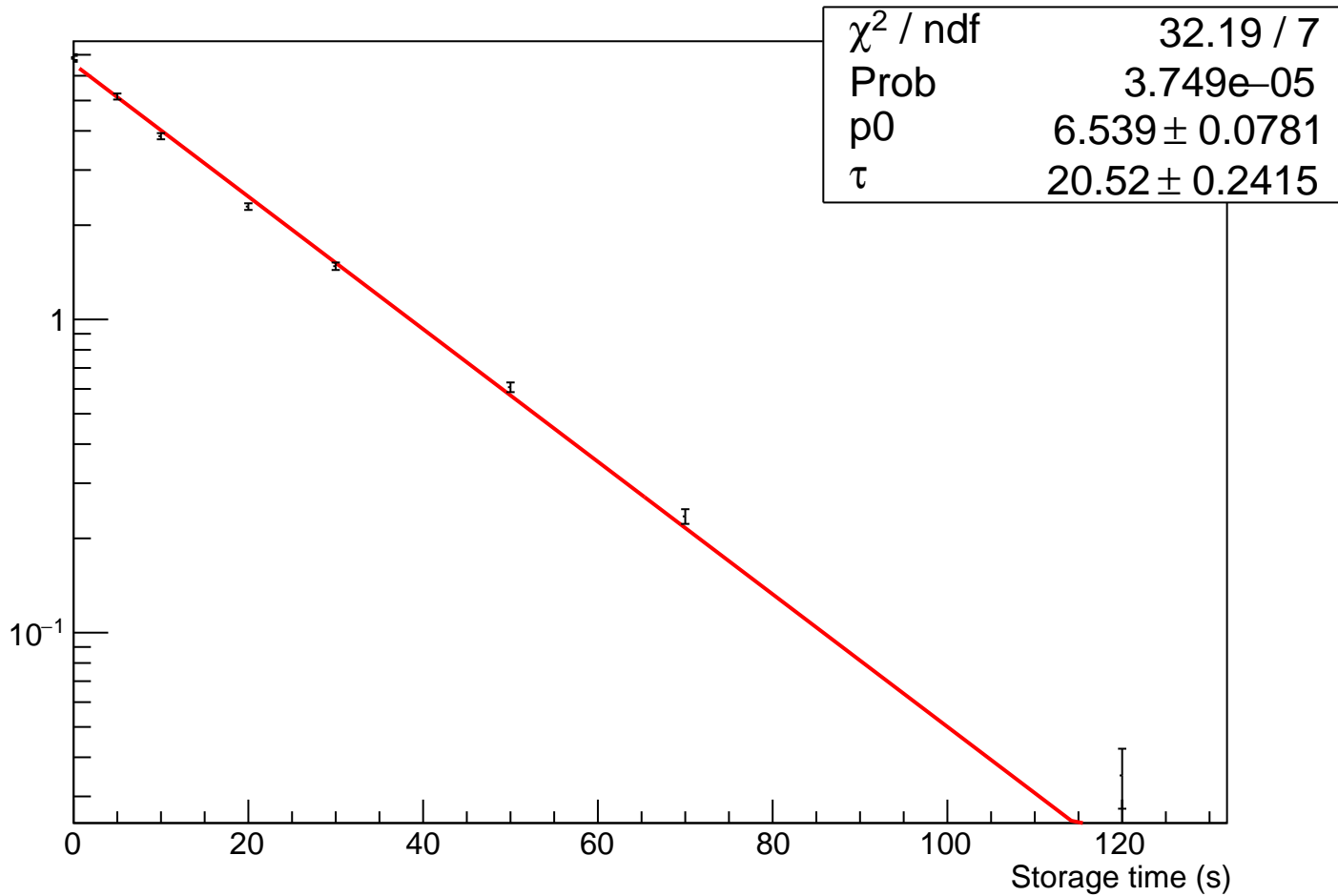
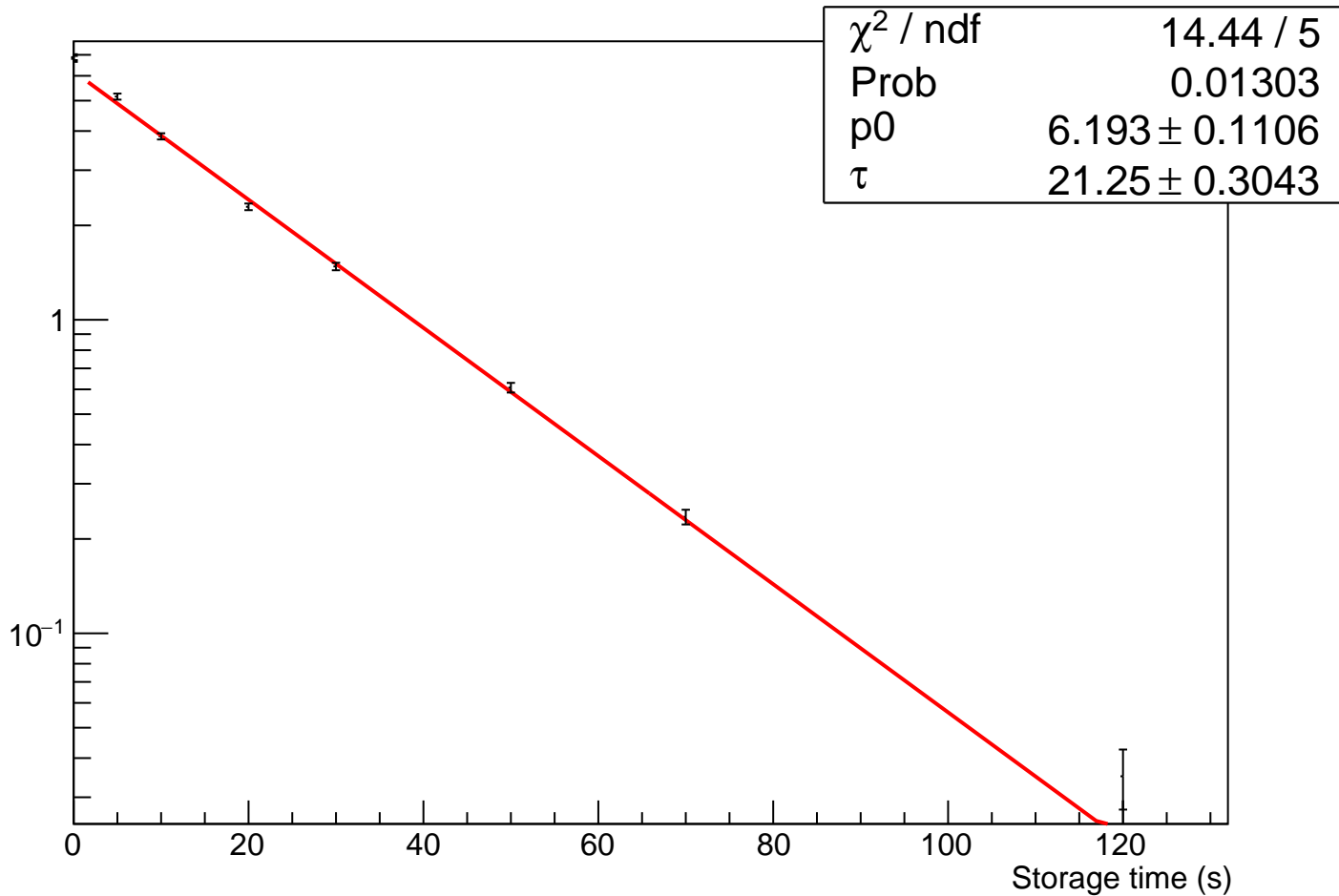


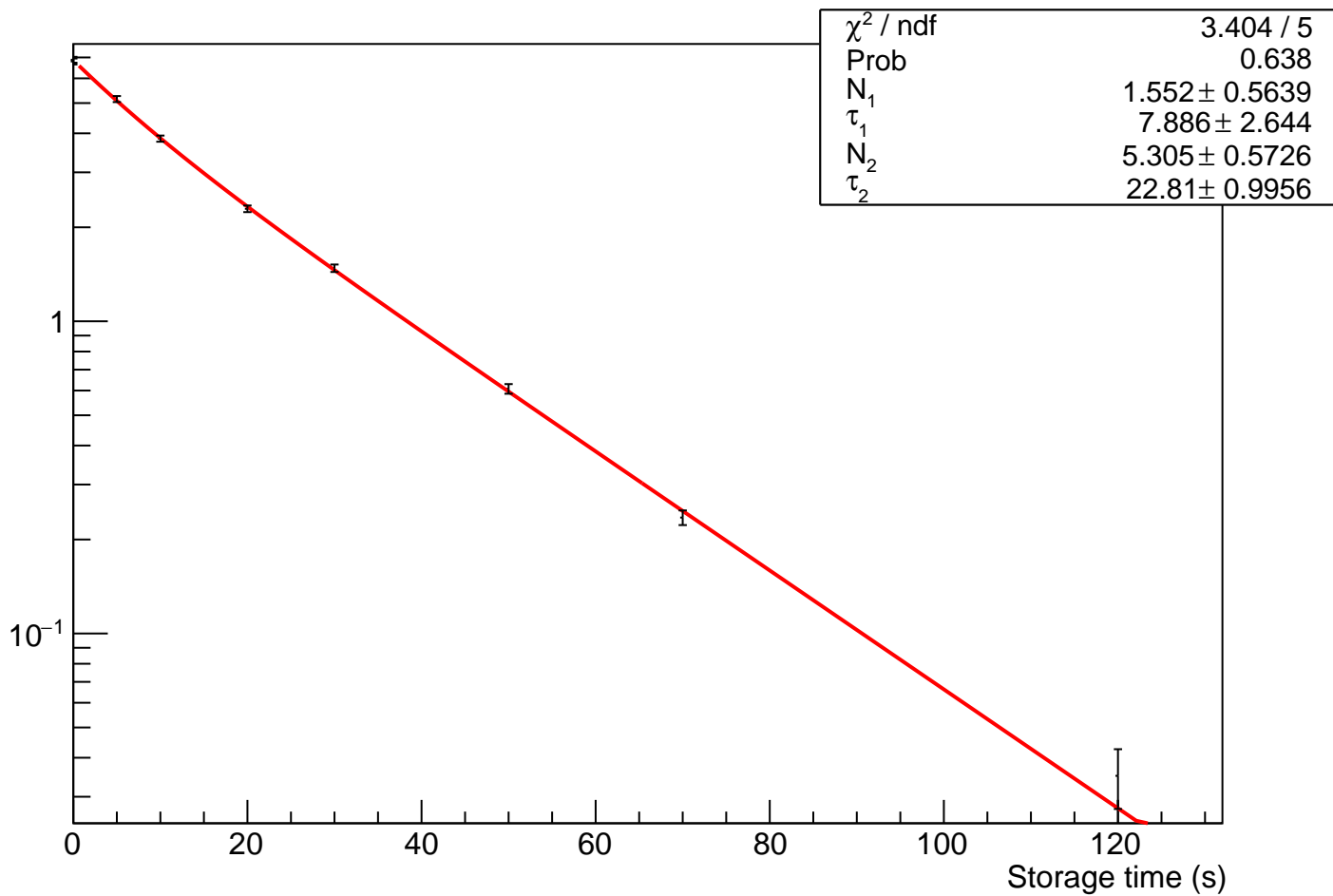
UCN-count-to-monitor ratio



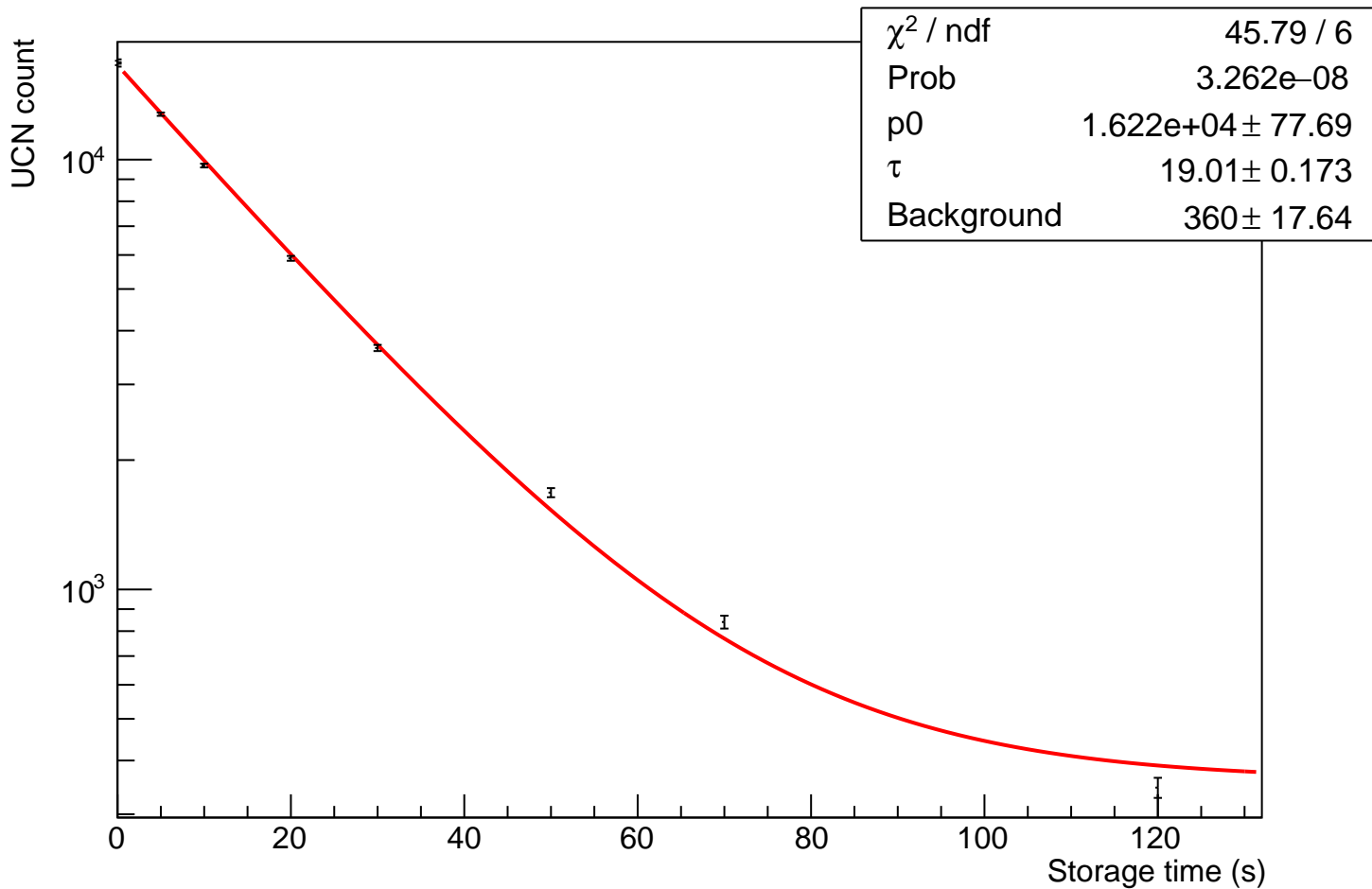
UCN-count-to-monitor ratio



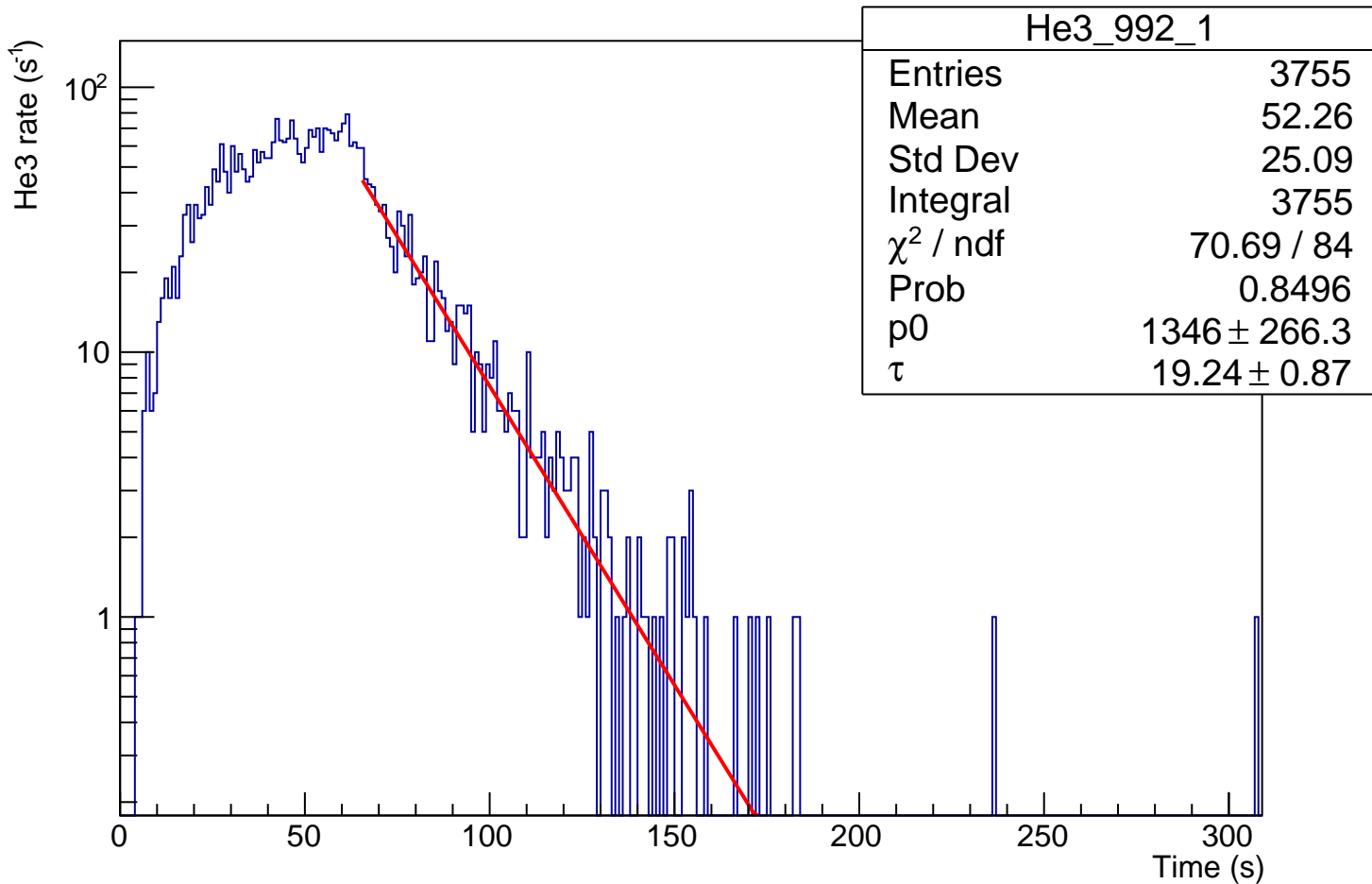
UCN-count-to-monitor ratio



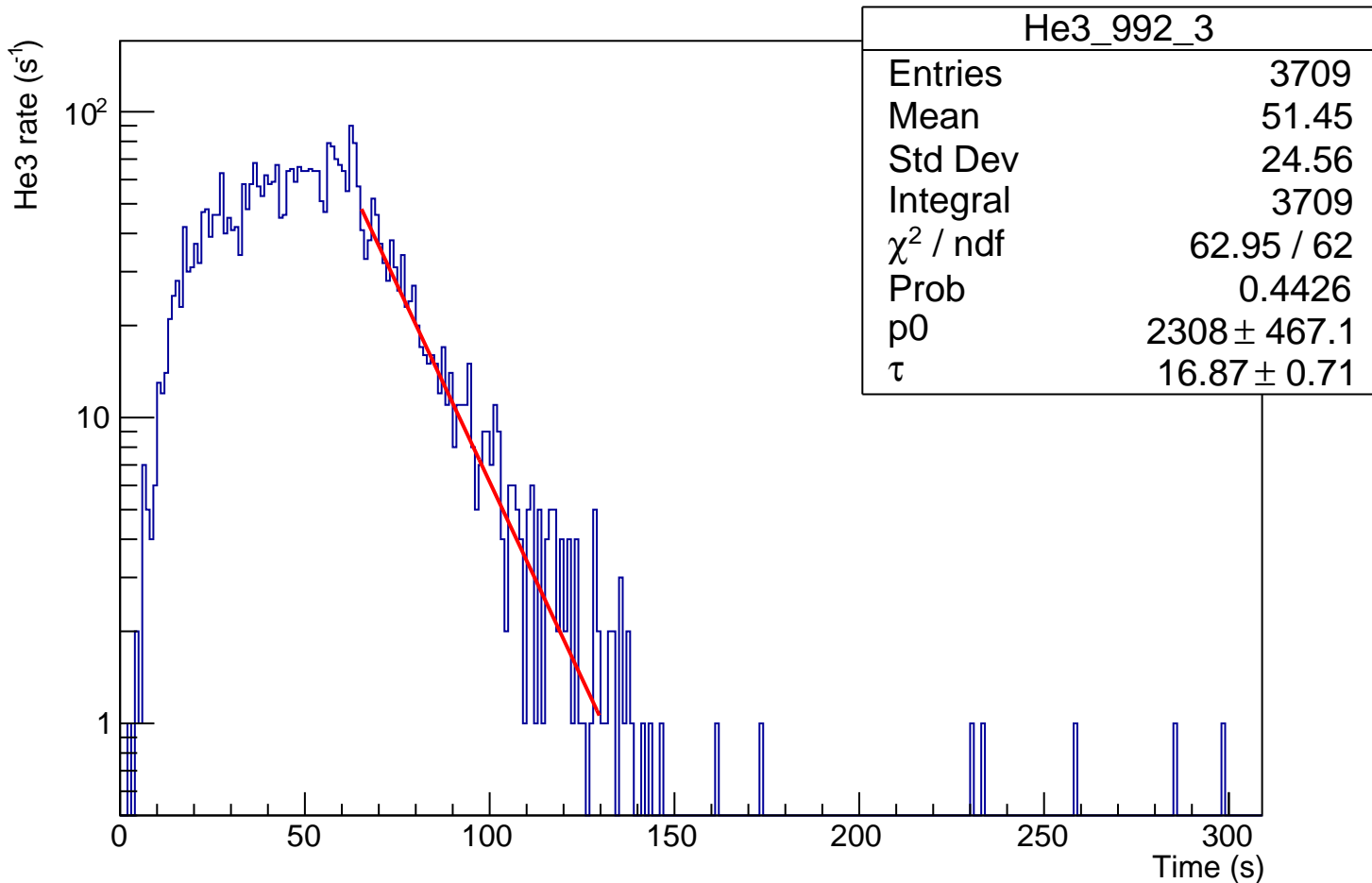
TCN18-087 (UGD22+19, IV1-IV3) (single exponential fit + background, unnormalized)



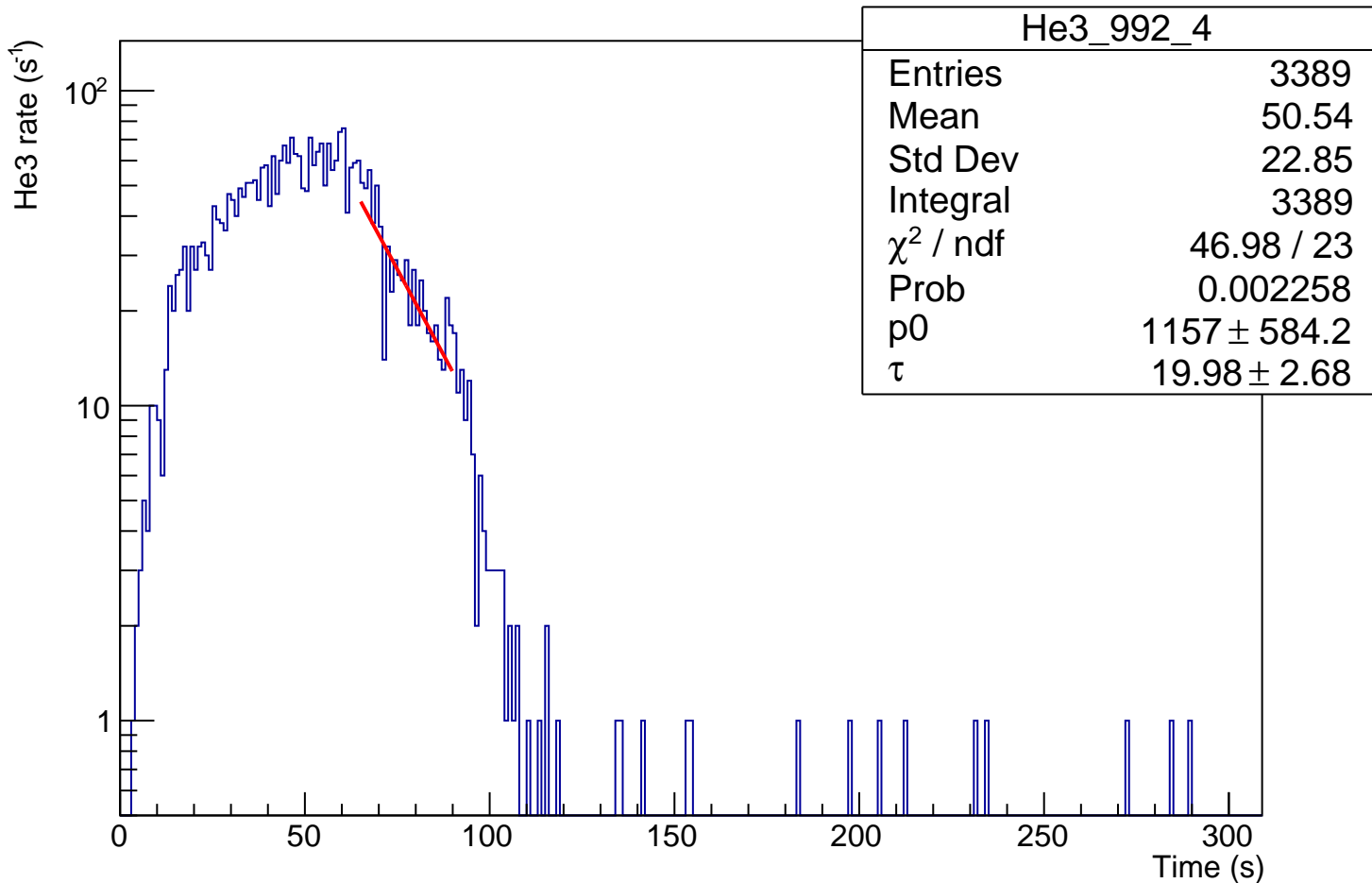
# He3 detector rate



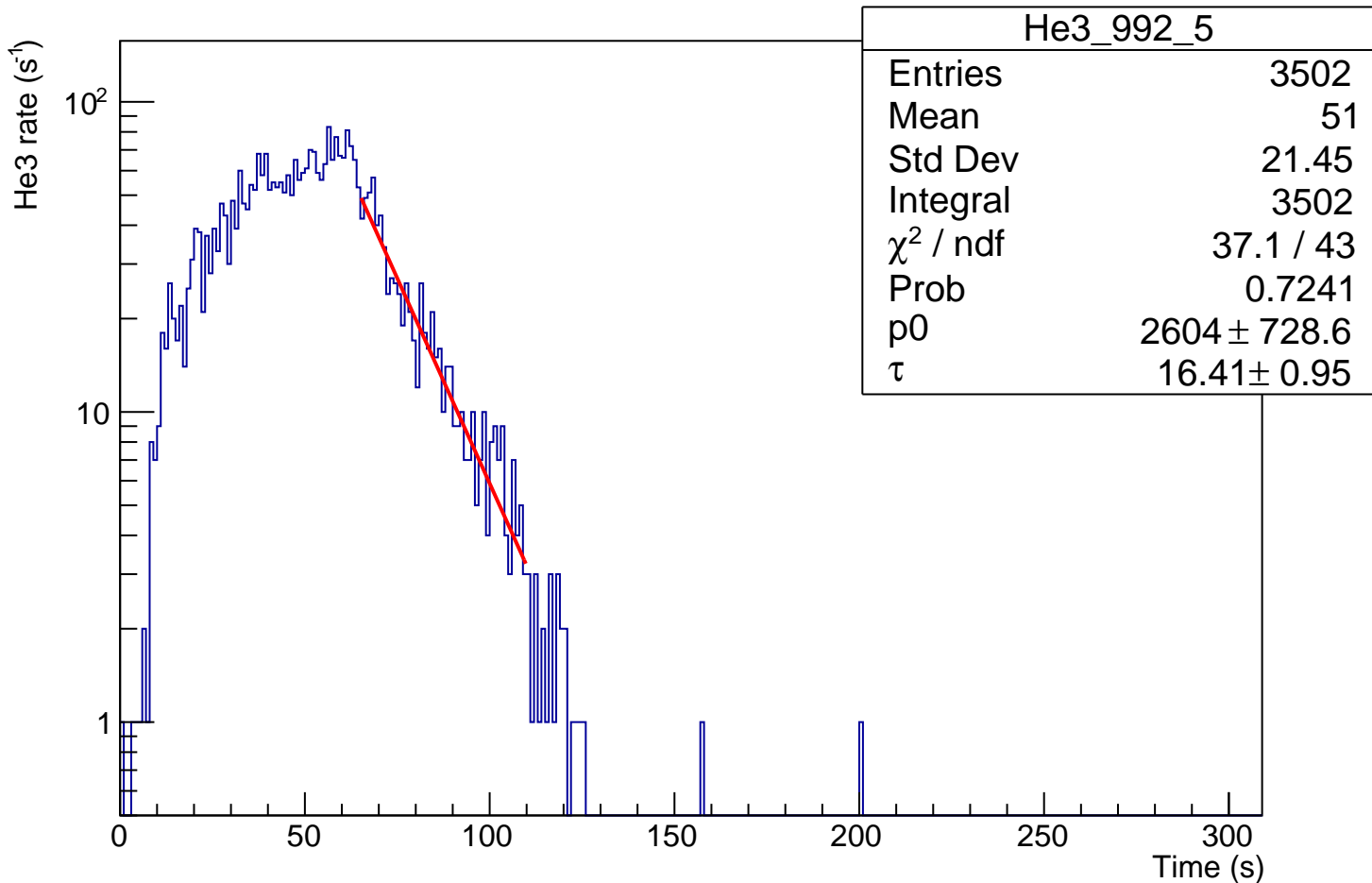
# He3 detector rate



# He3 detector rate

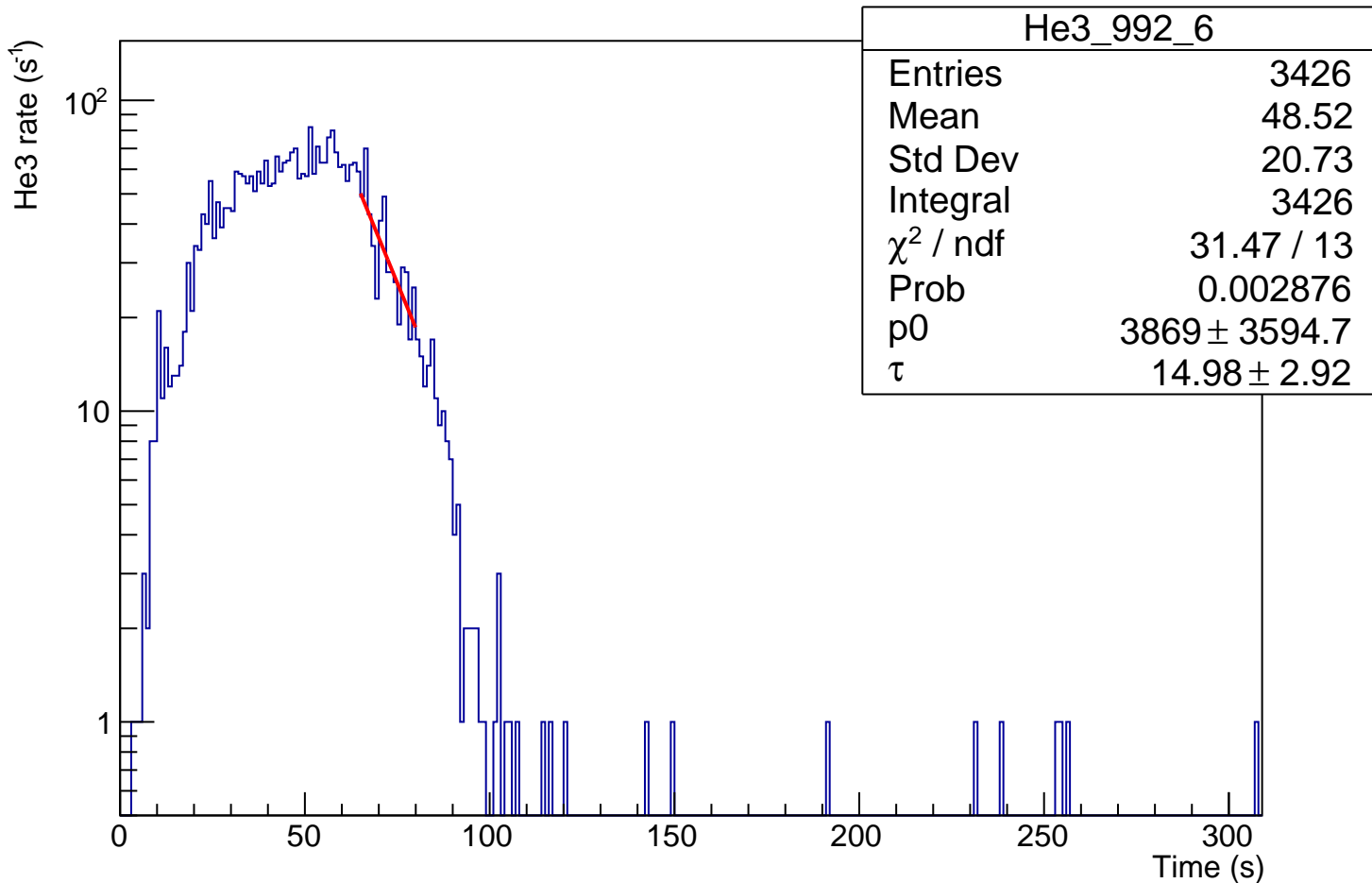


# He3 detector rate





# He3 detector rate



**Average lifetime from He3 data:**

$$\tau = 17.4790186958 \pm 0.0455381248836 \text{ s}$$