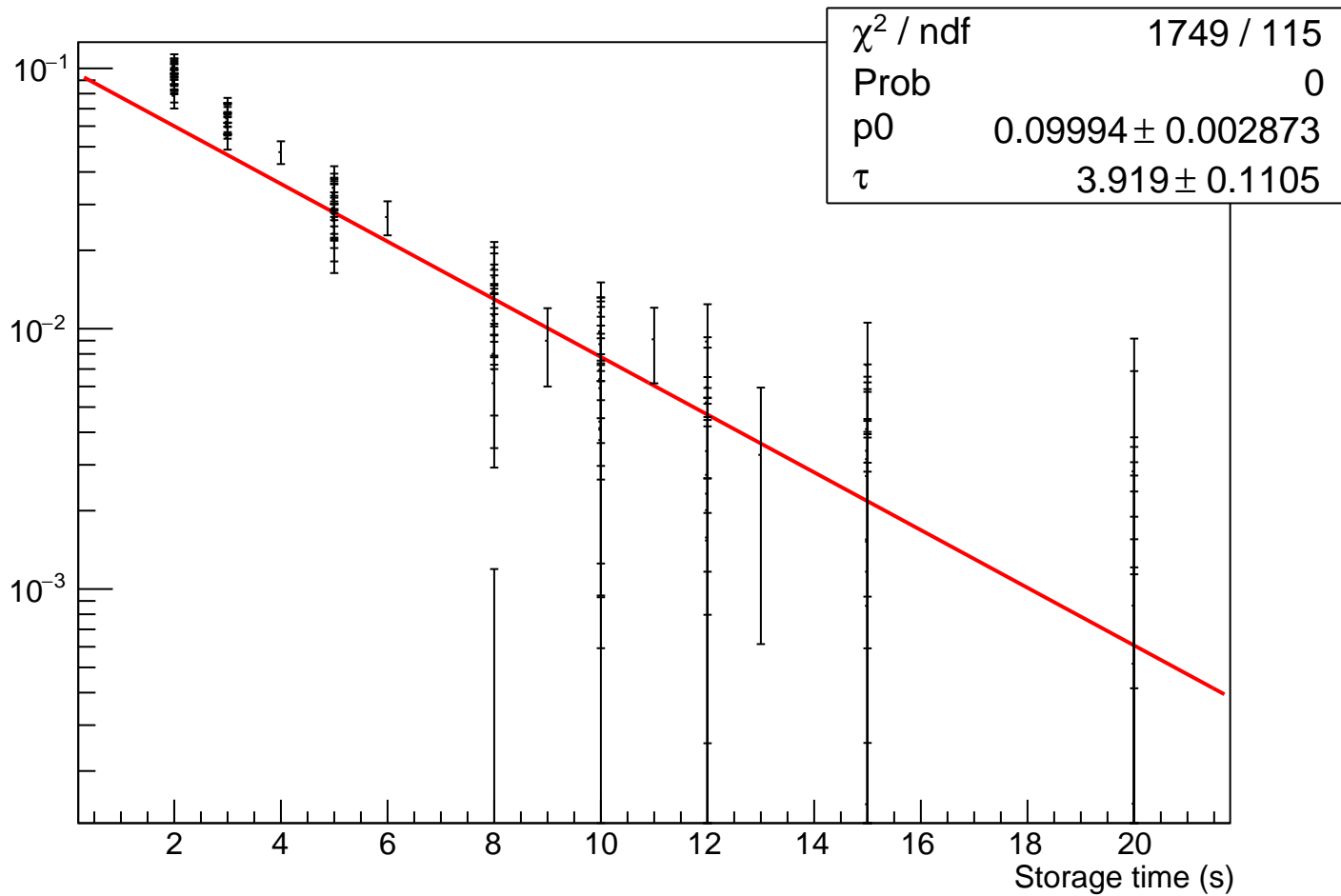
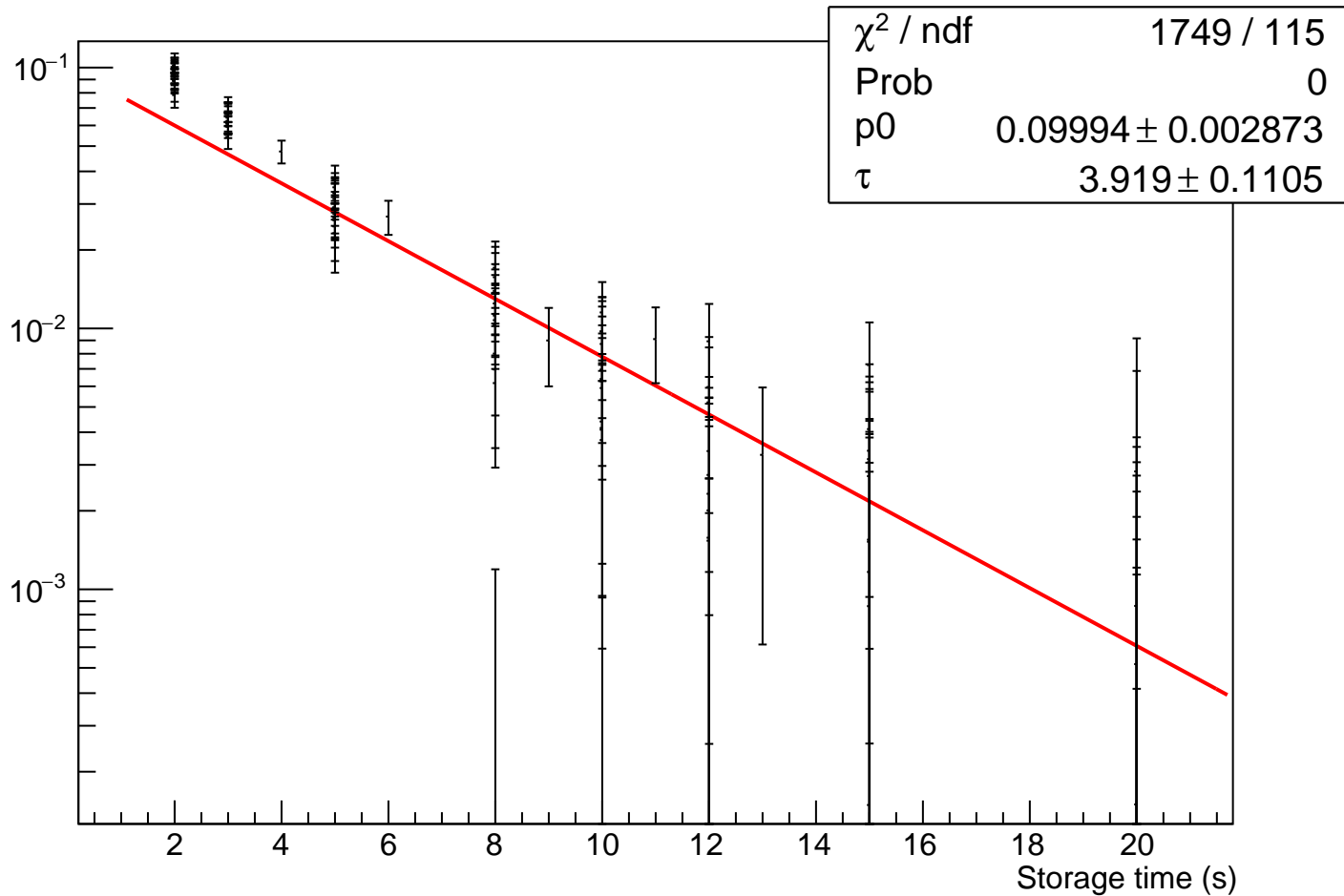


TCN18-036 (single exponential fit, with background subtracted, normalized to monitor detector)

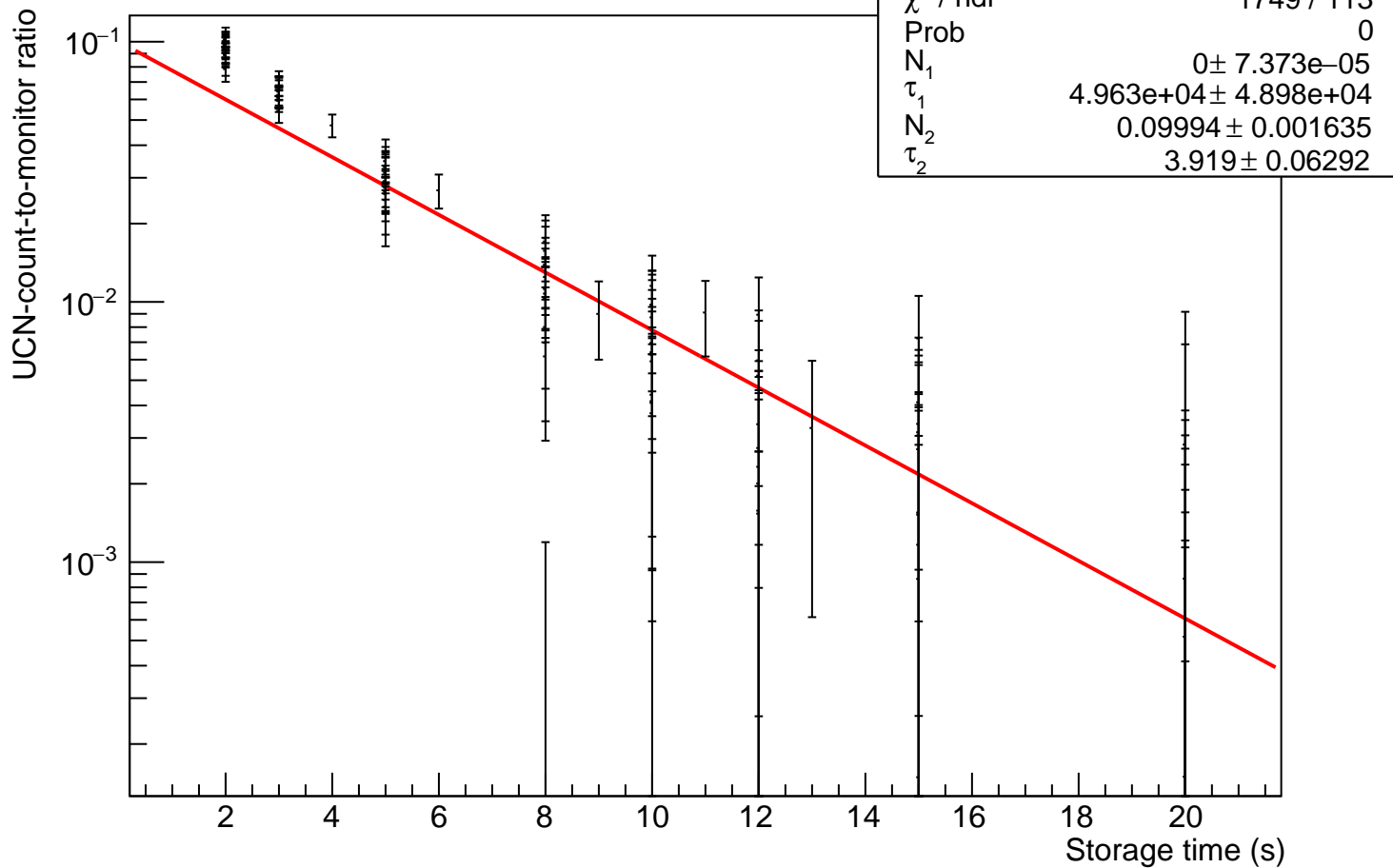
UCN-count-to-monitor ratio



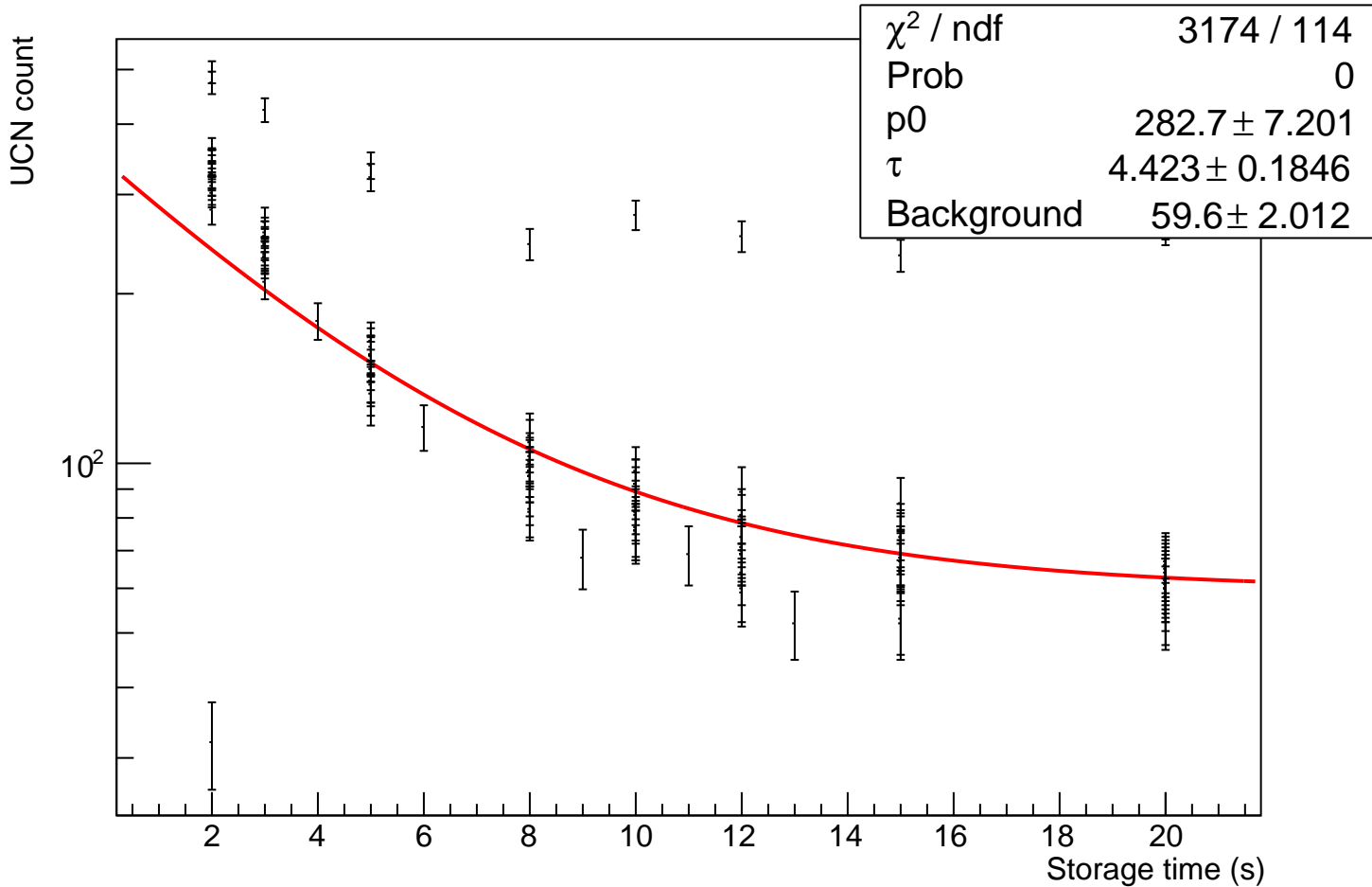
UCN-count-to-monitor ratio



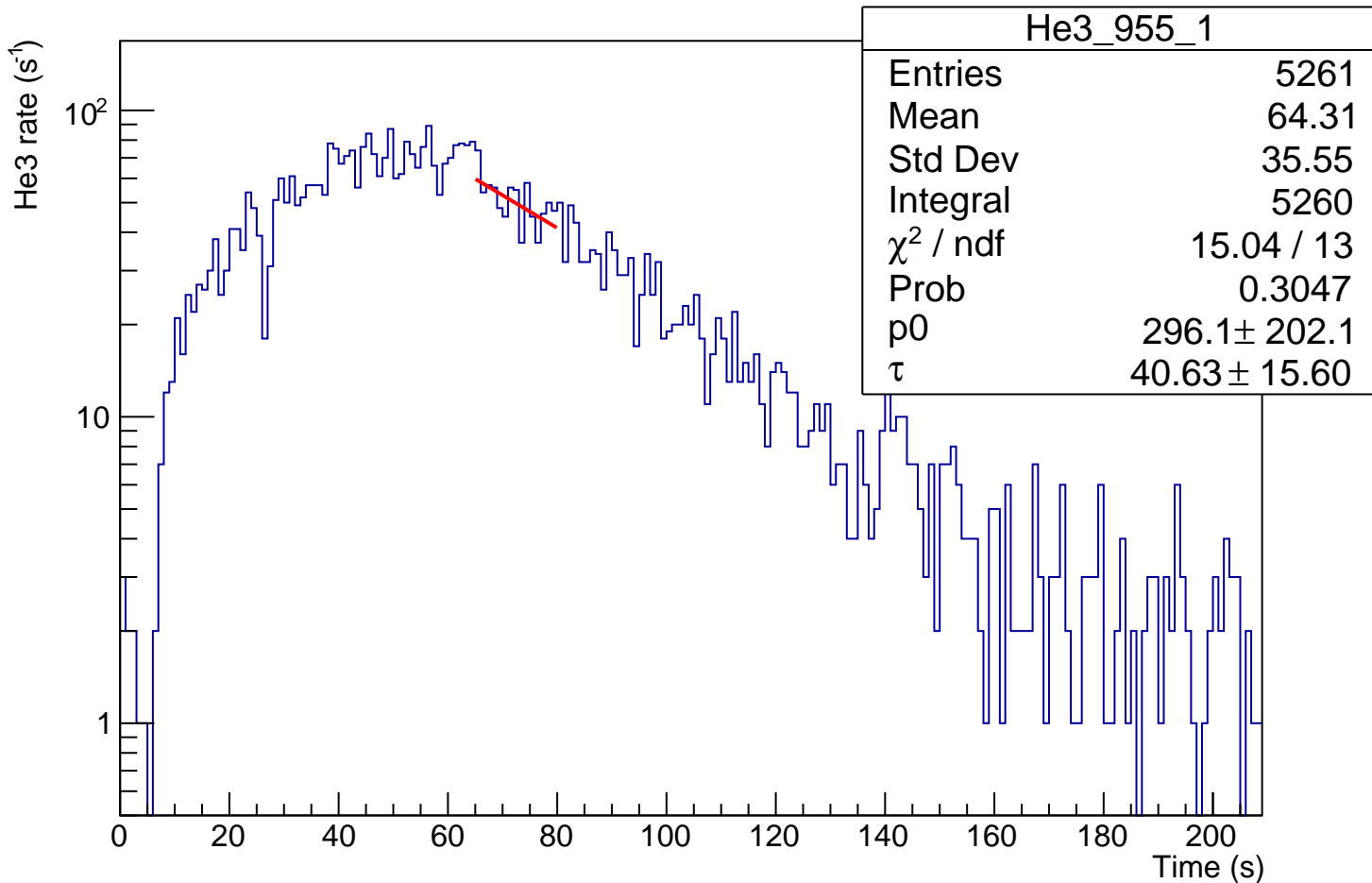
TCN18-036 (double exponential fit, with background subtracted, normalized to monitor detector)



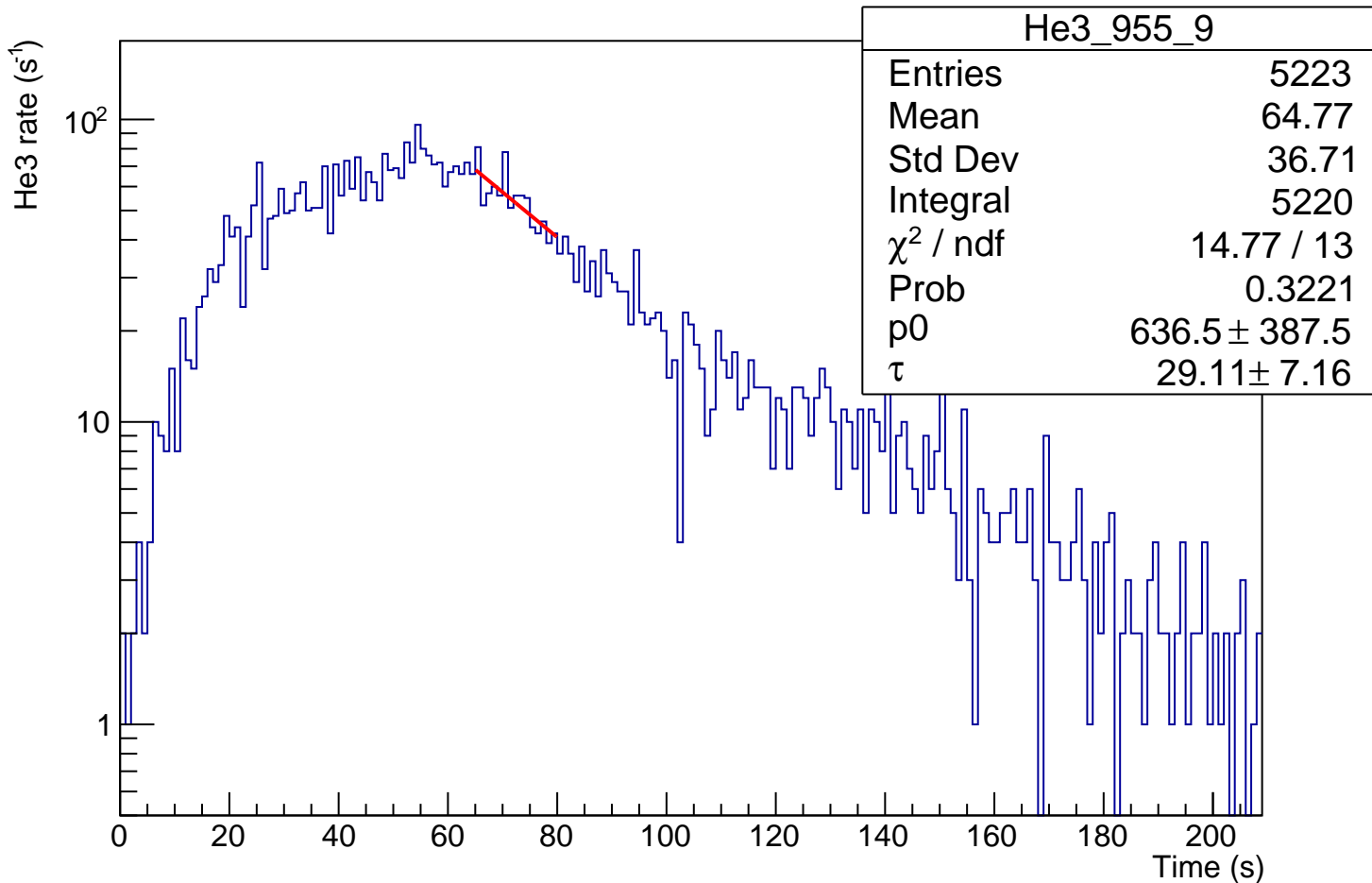
TCN18-036 (single exponential fit + background, unnormalized)



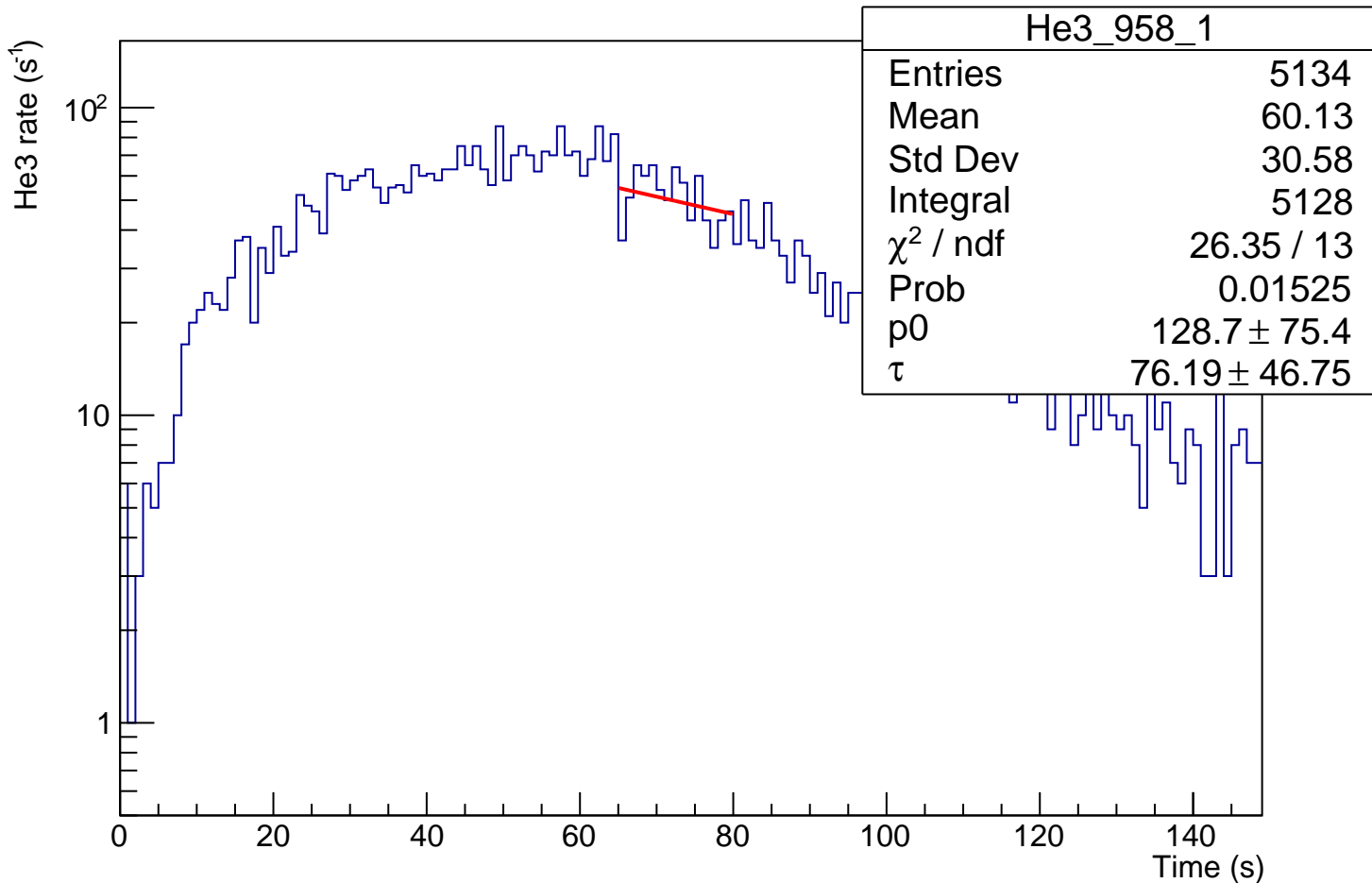
# He3 detector rate



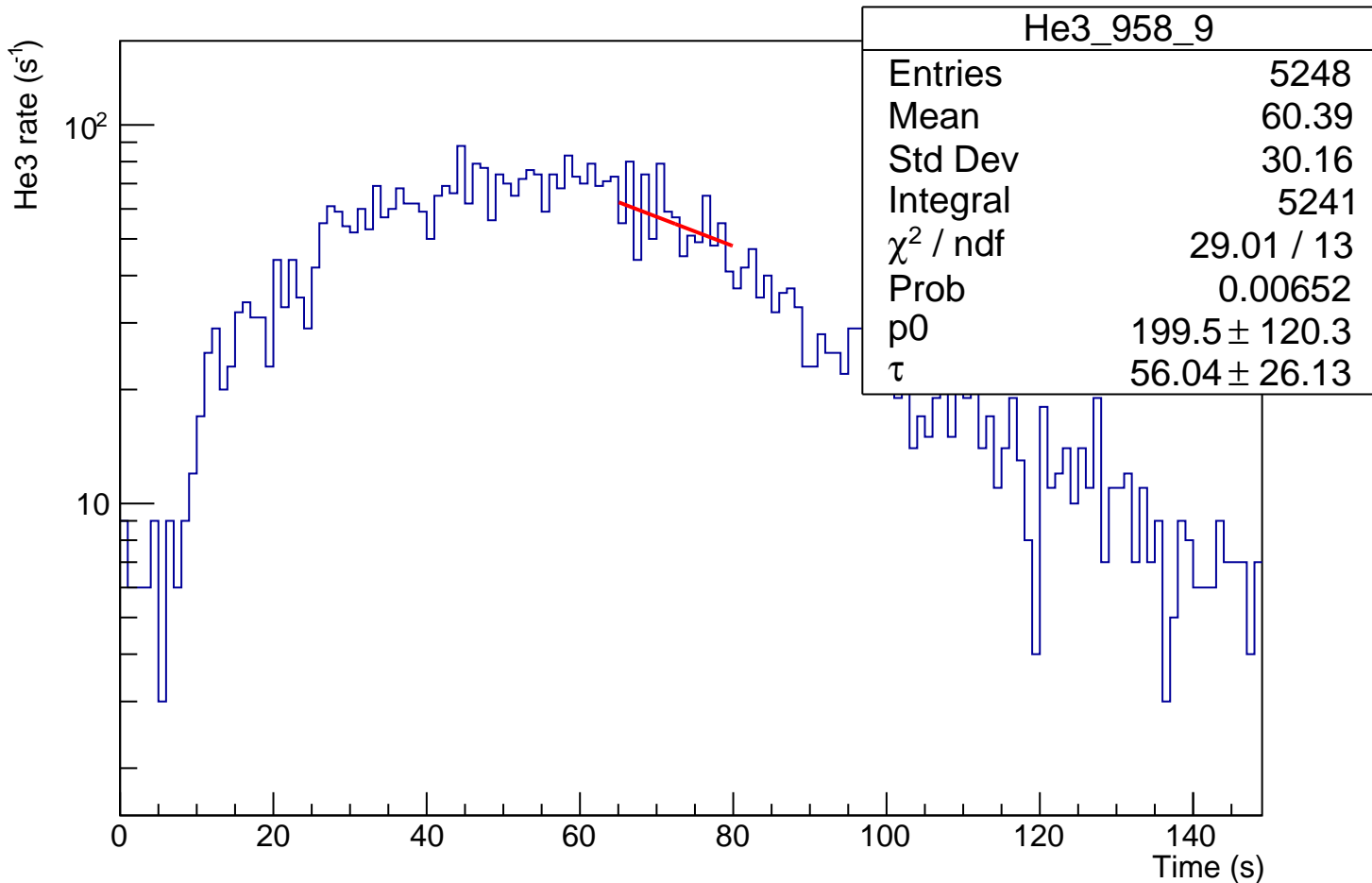
# He3 detector rate



# He3 detector rate

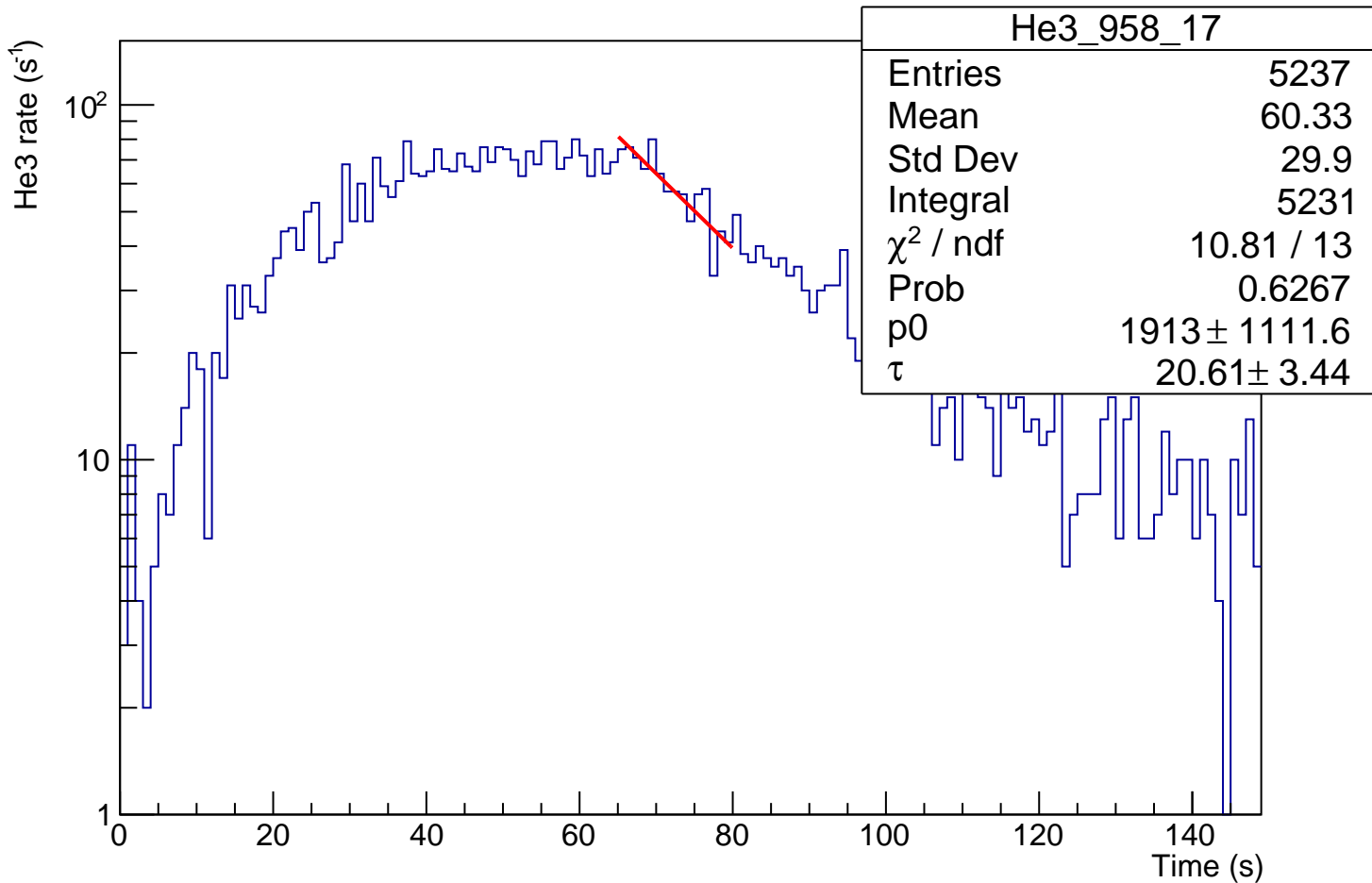


# He3 detector rate

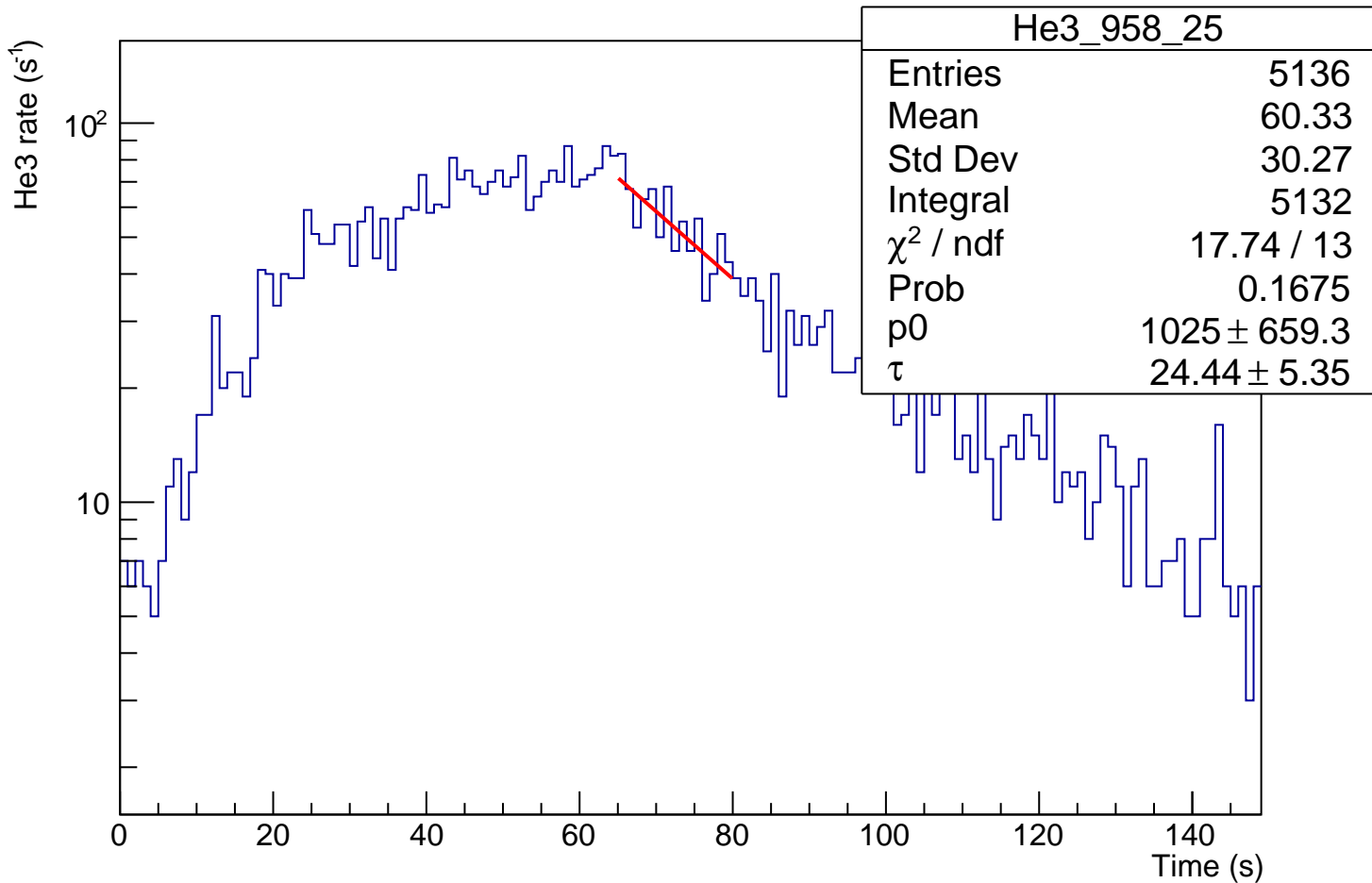




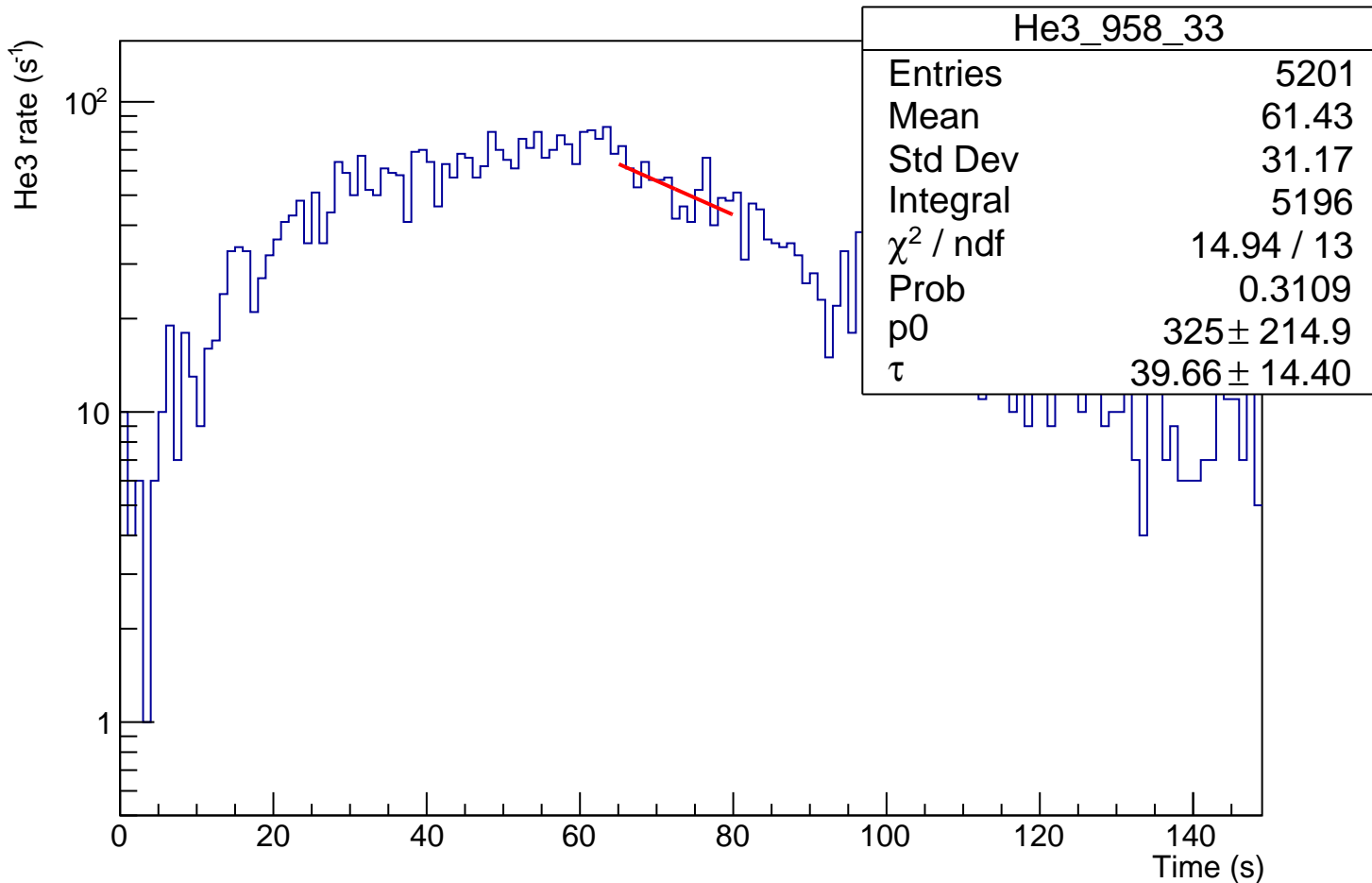
# He3 detector rate



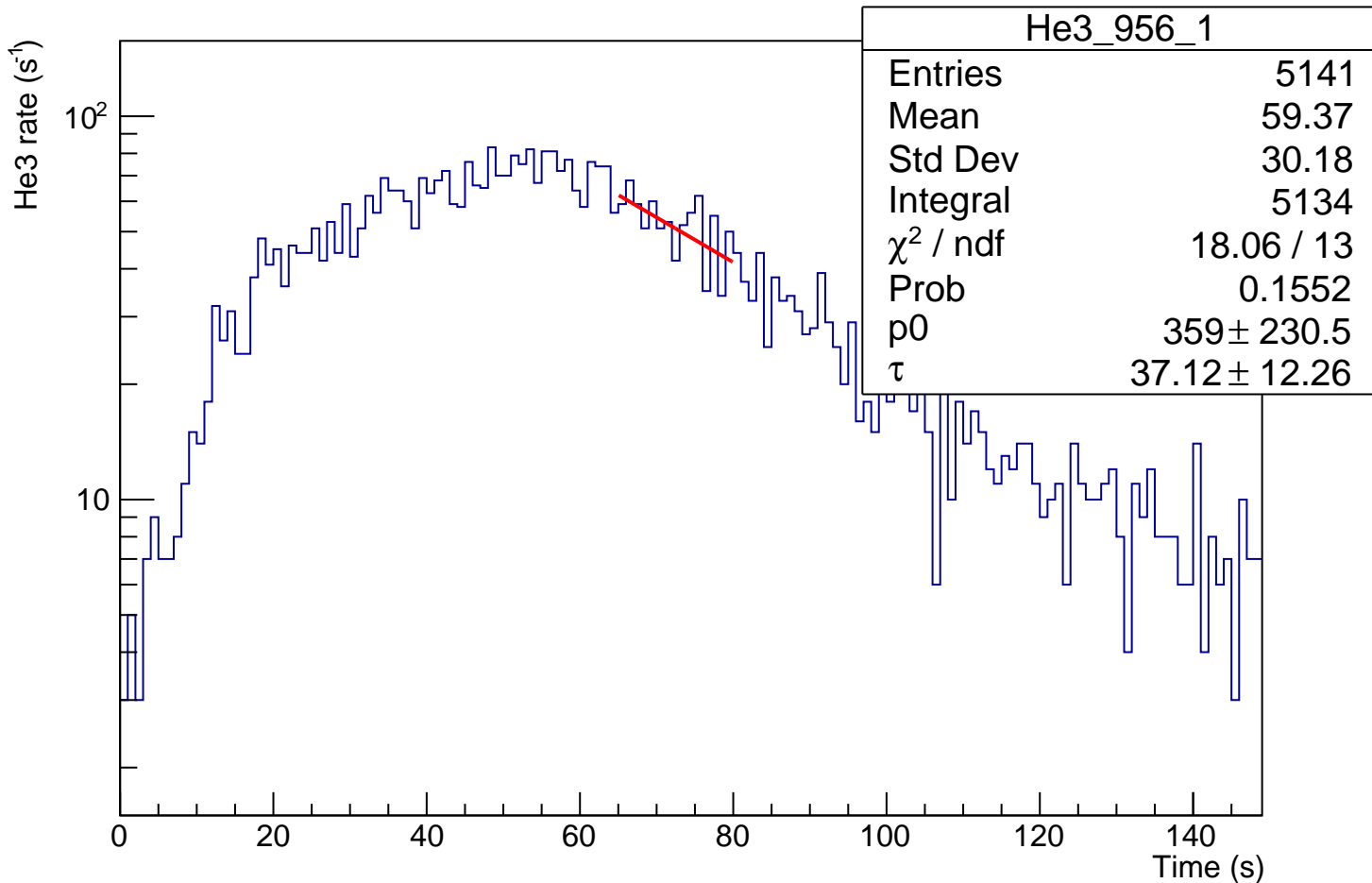
# He3 detector rate



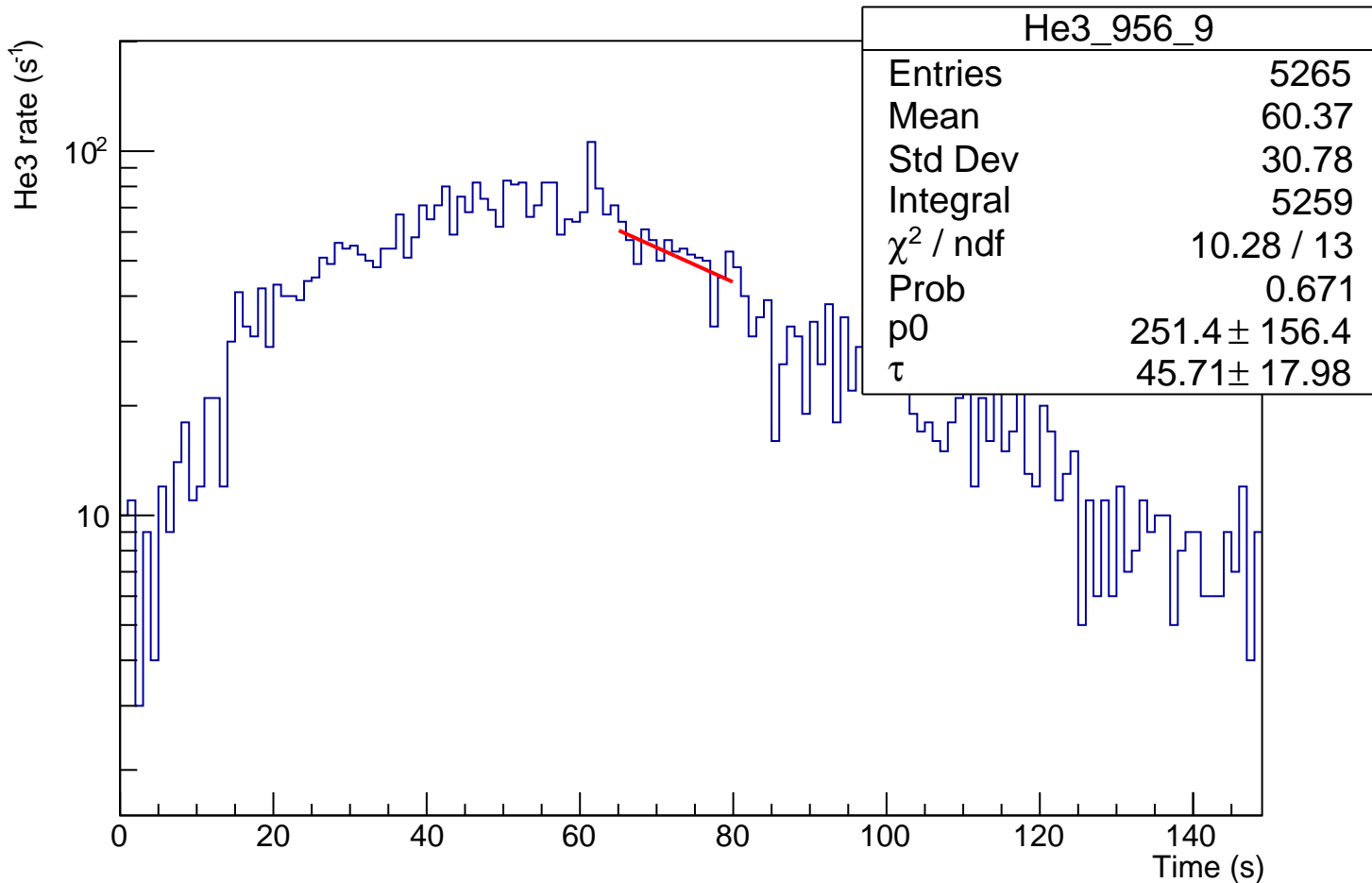
# He3 detector rate



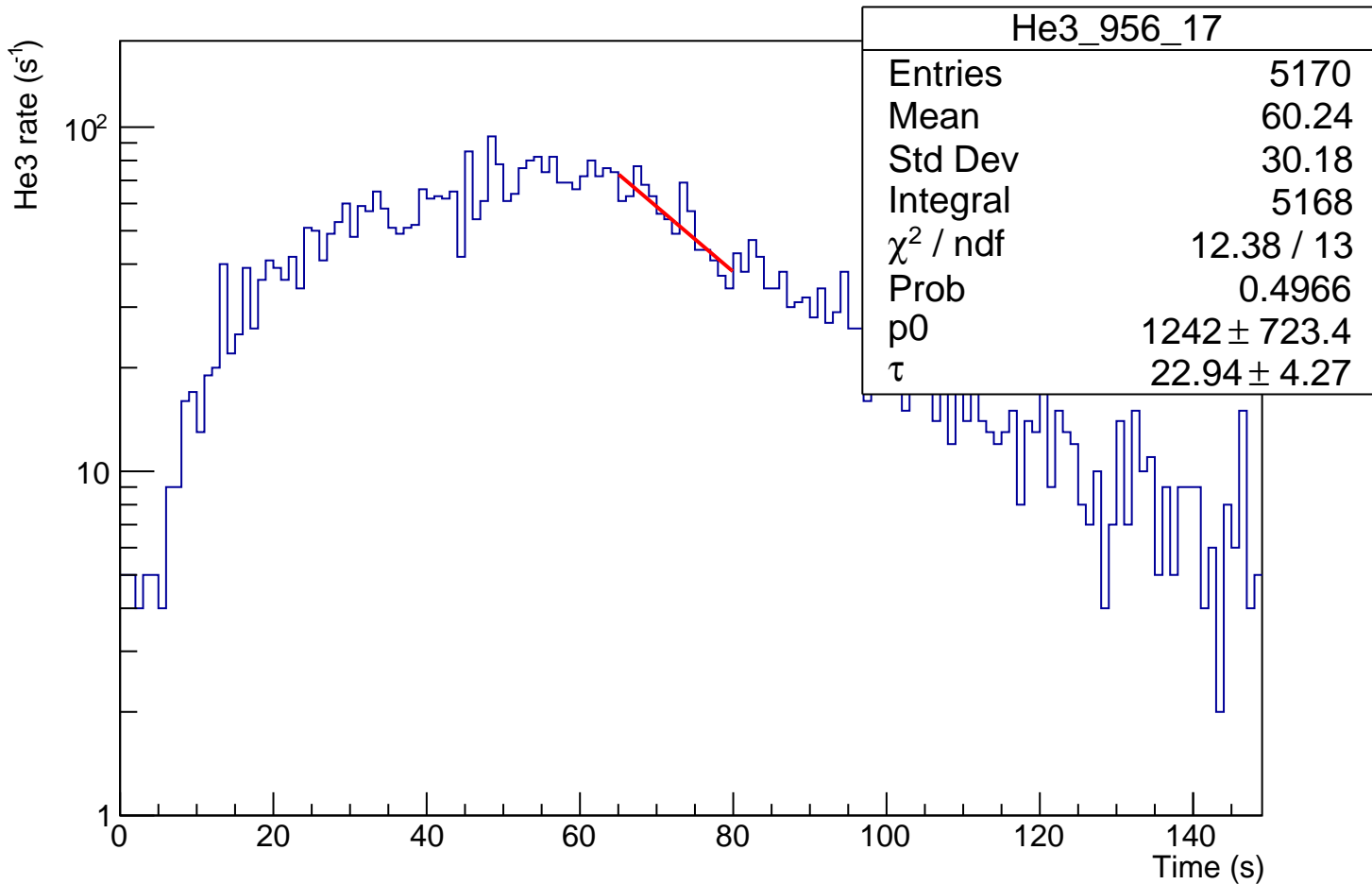
# He3 detector rate



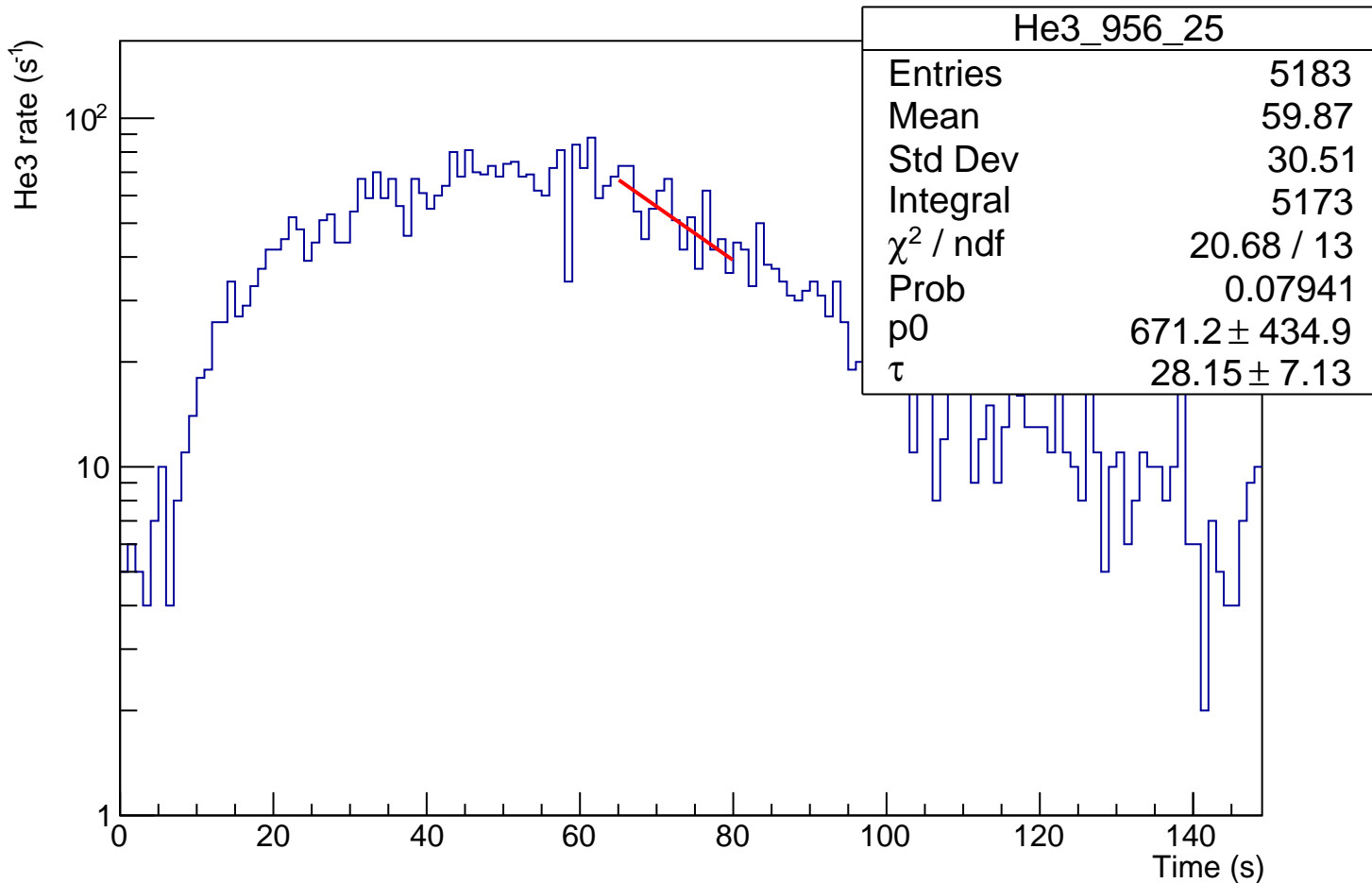
# He3 detector rate



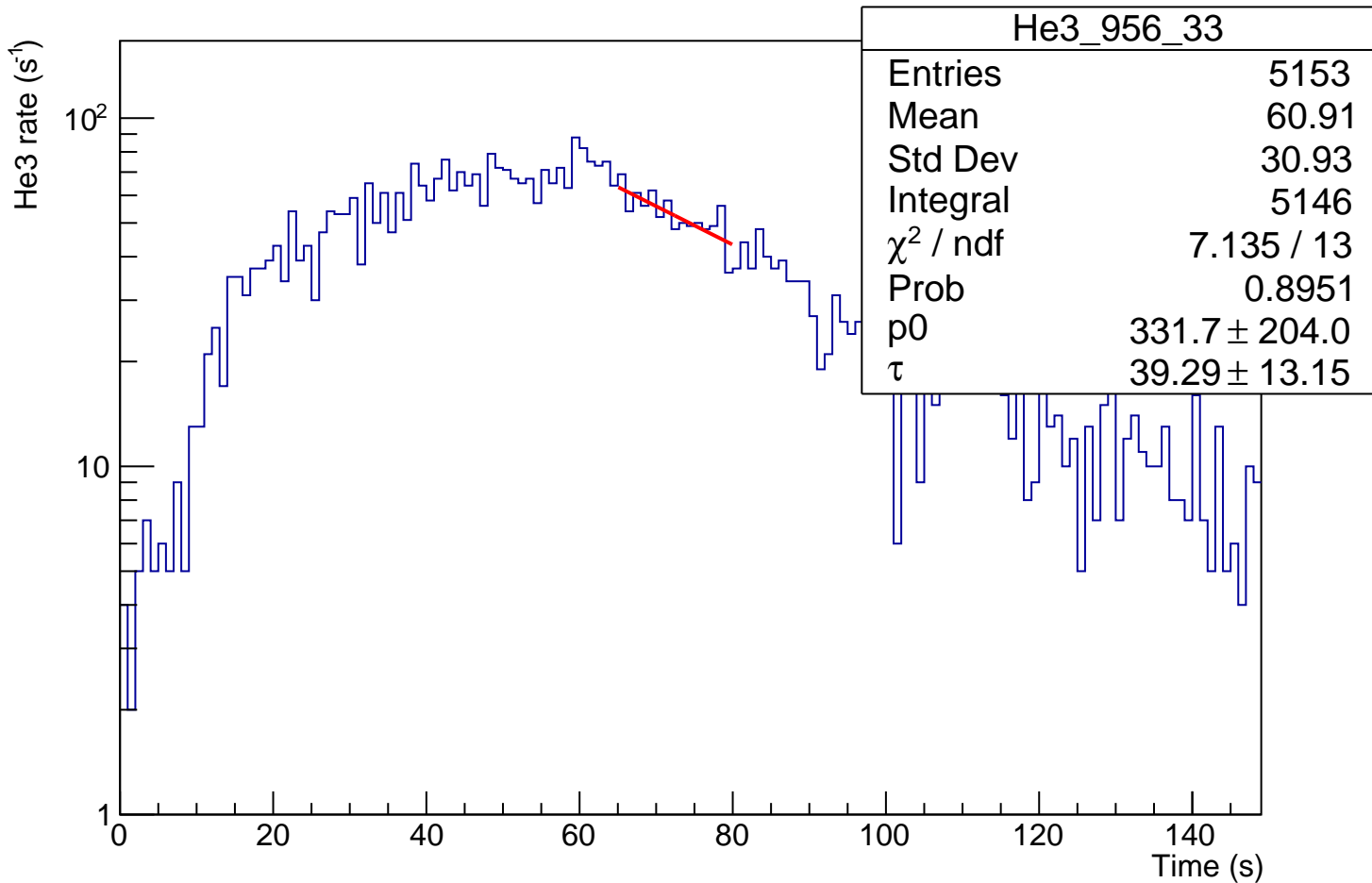
# He3 detector rate



# He3 detector rate

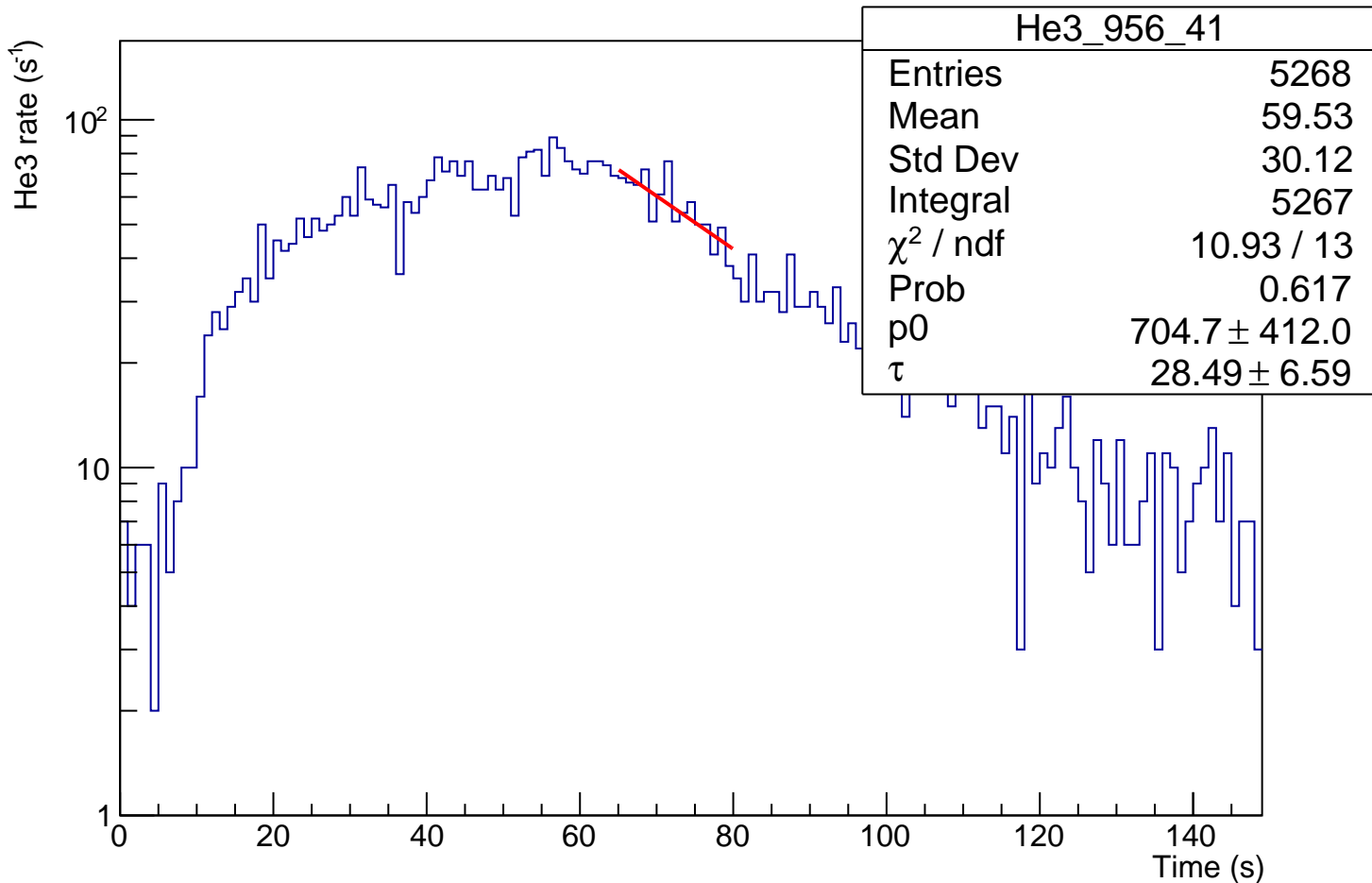


# He3 detector rate

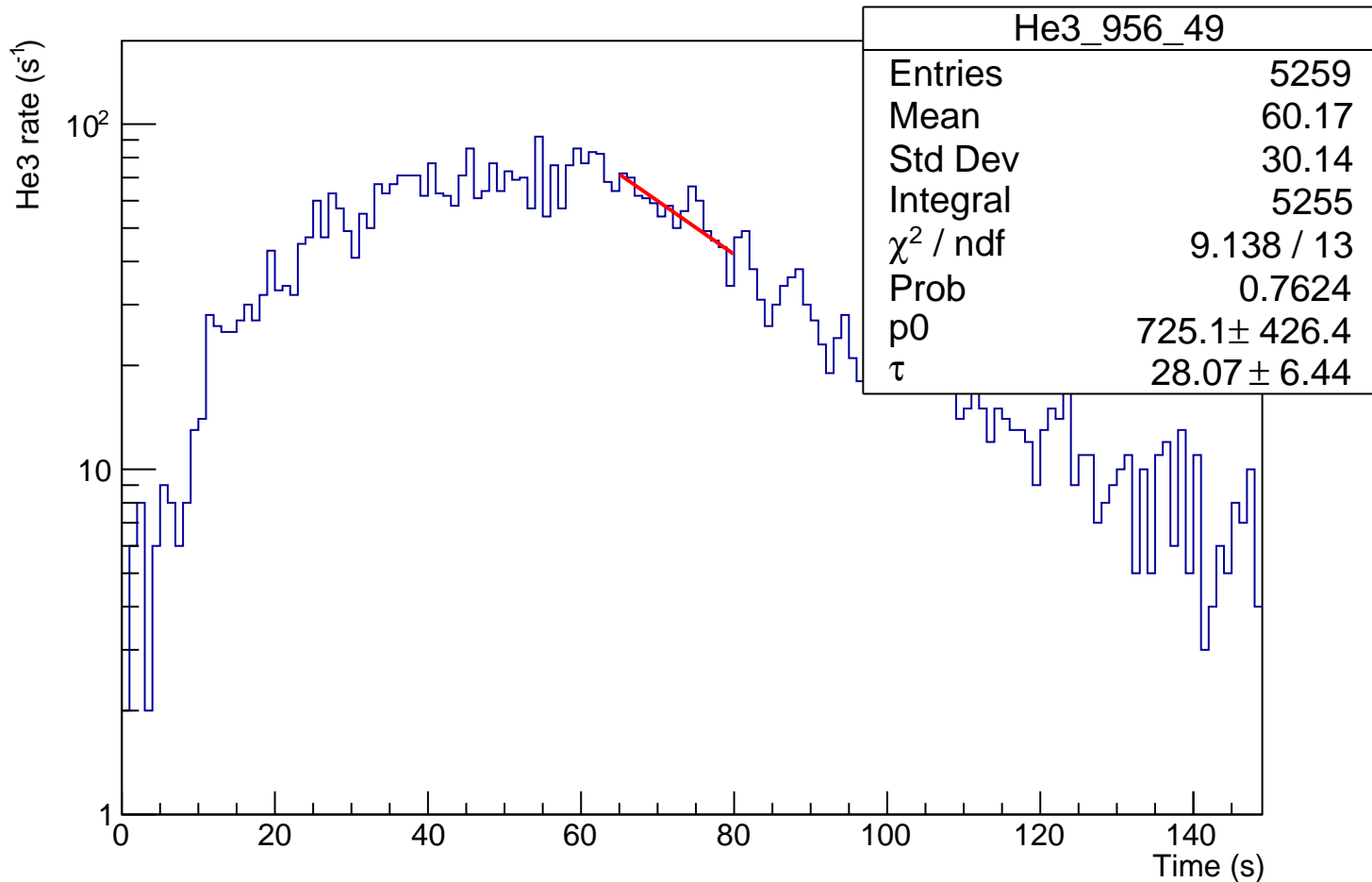




# He3 detector rate



# He3 detector rate



**Average lifetime from He3 data:**

$$\tau = 25.7821023841 \pm 12.1403731246 \text{ s}$$