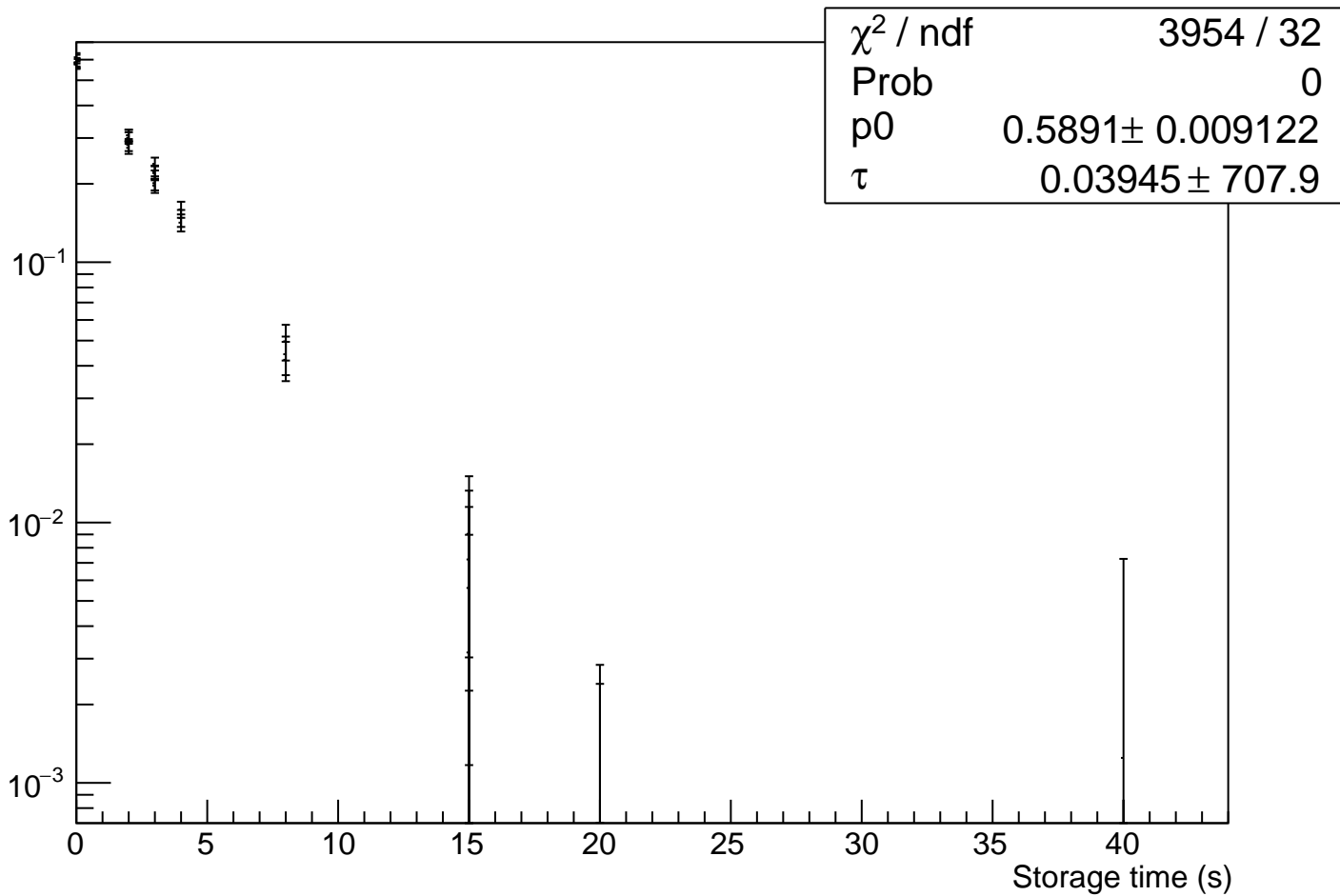


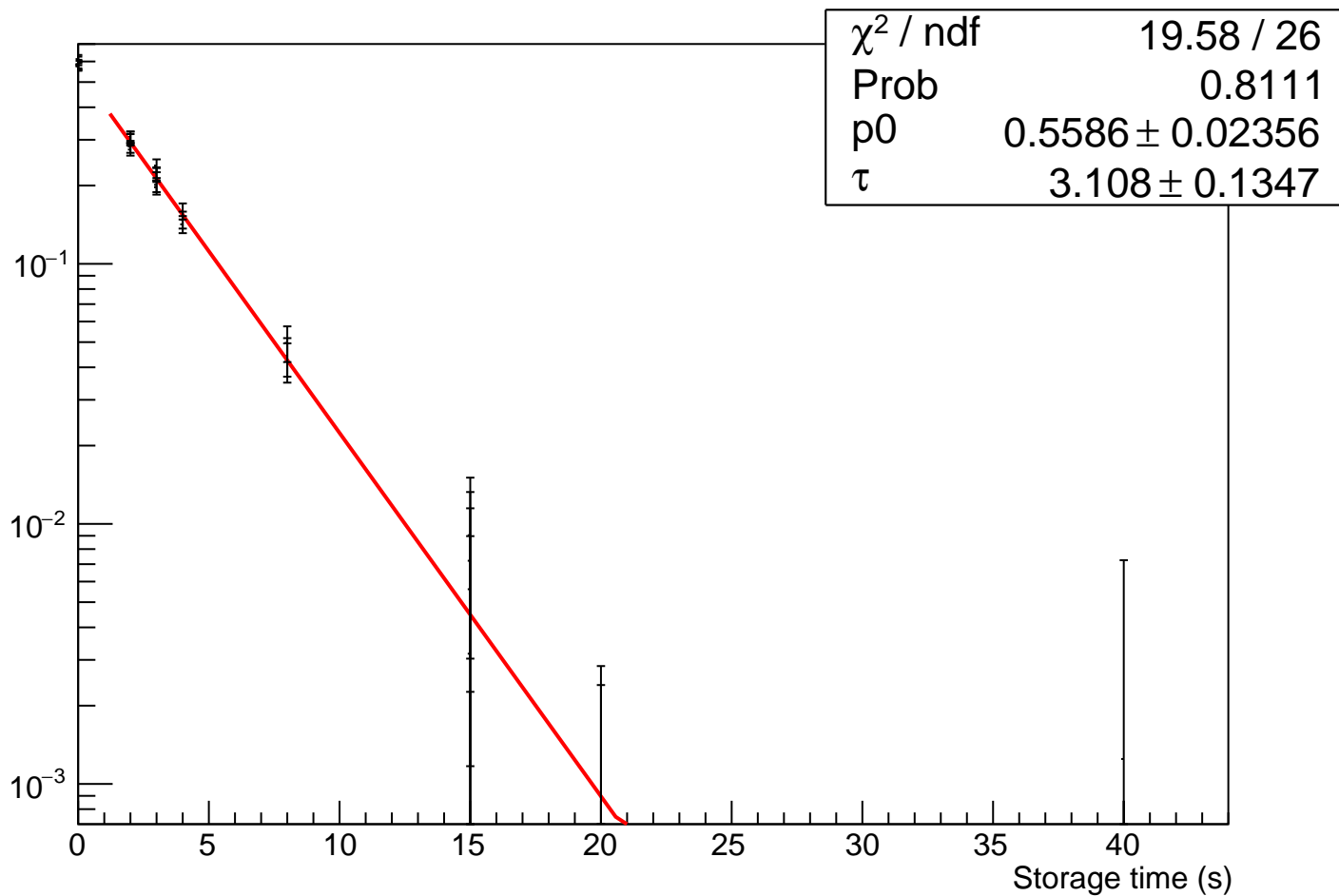
TCN18-216 (single exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio



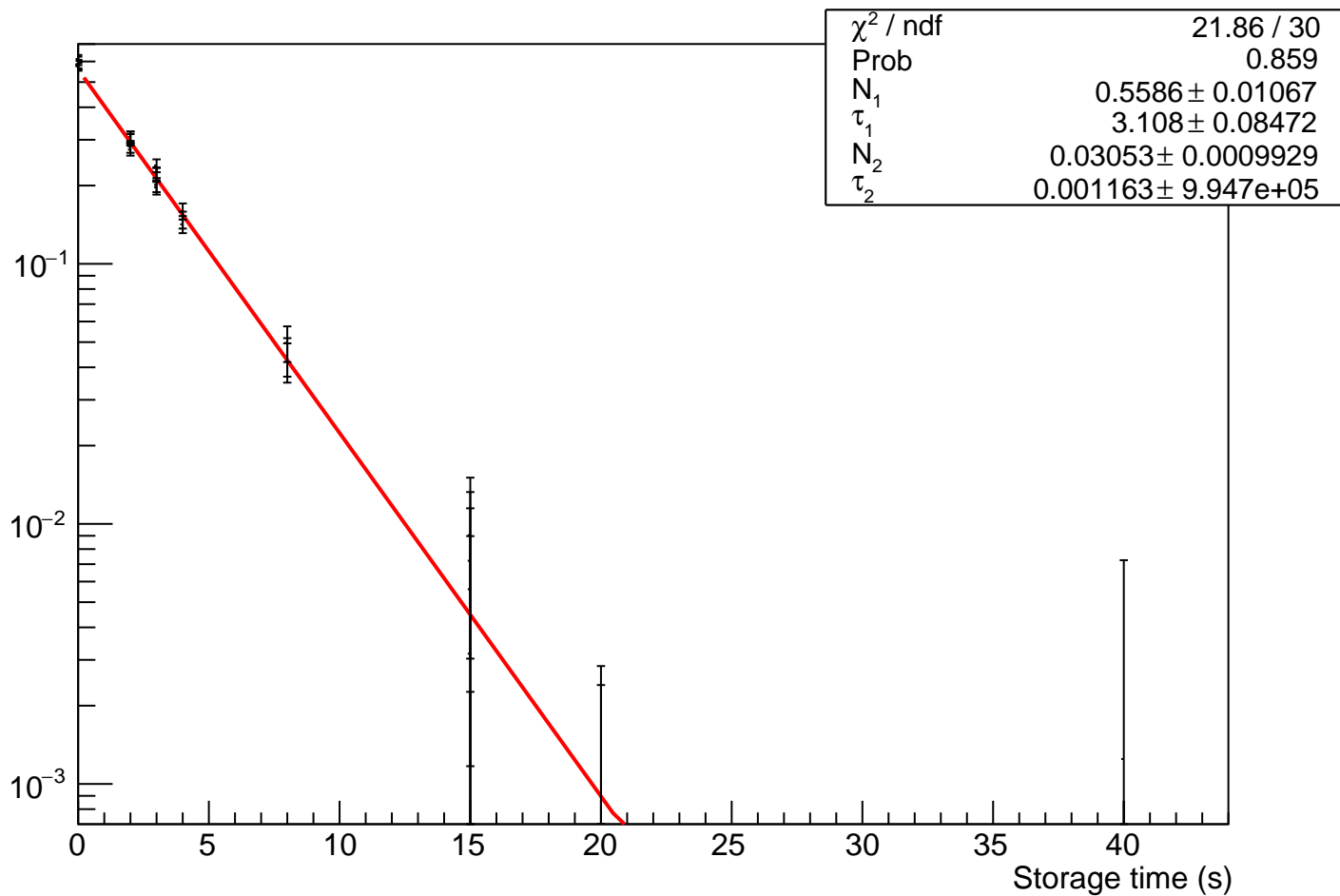
TCN18-216 (single exponential fit, with background subtracted, normalized to monitor detector, 0s excluded)

UCN-count-to-monitor ratio

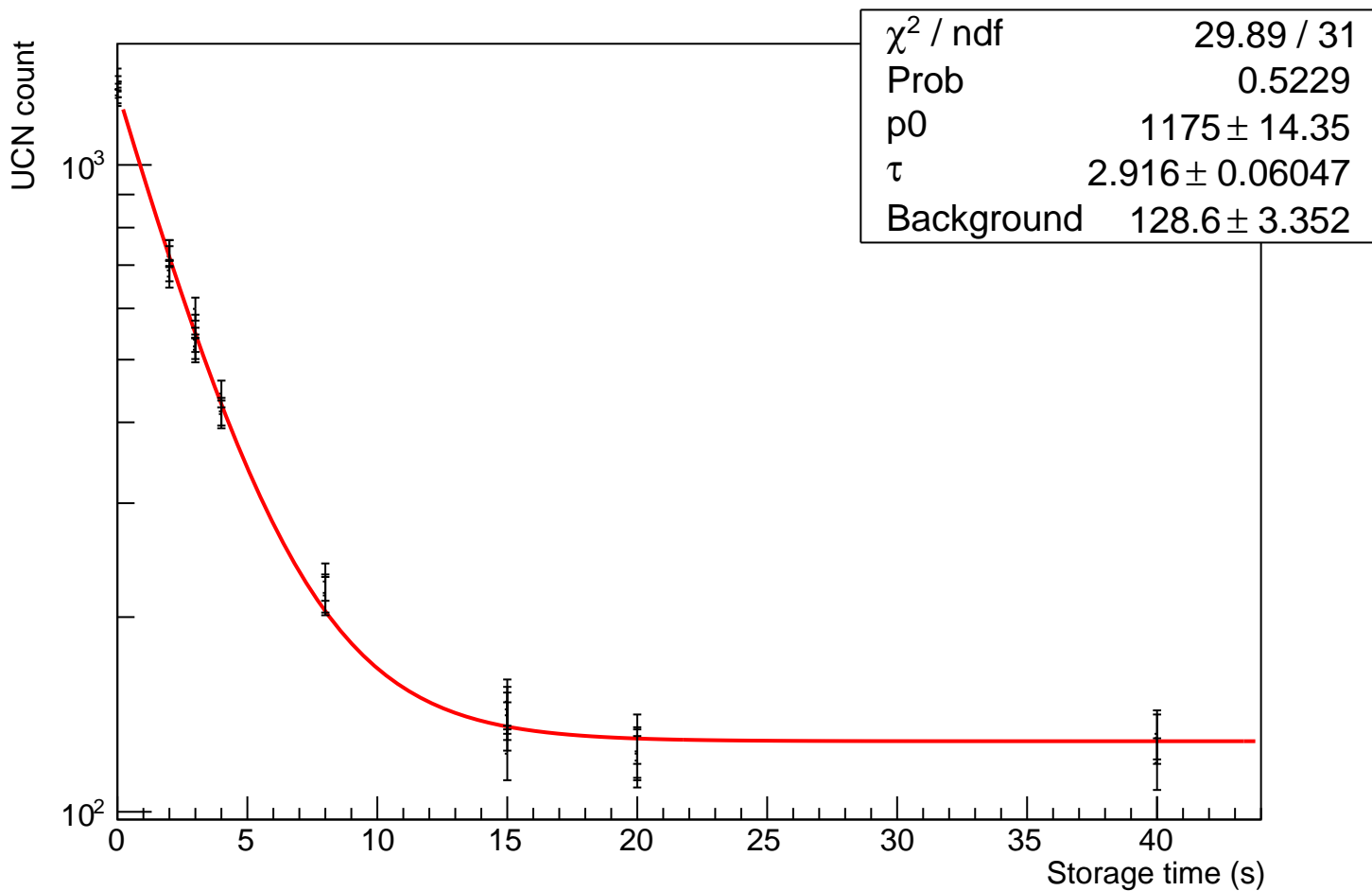


TCN18-216 (double exponential fit, with background subtracted, normalized to monitor detector)

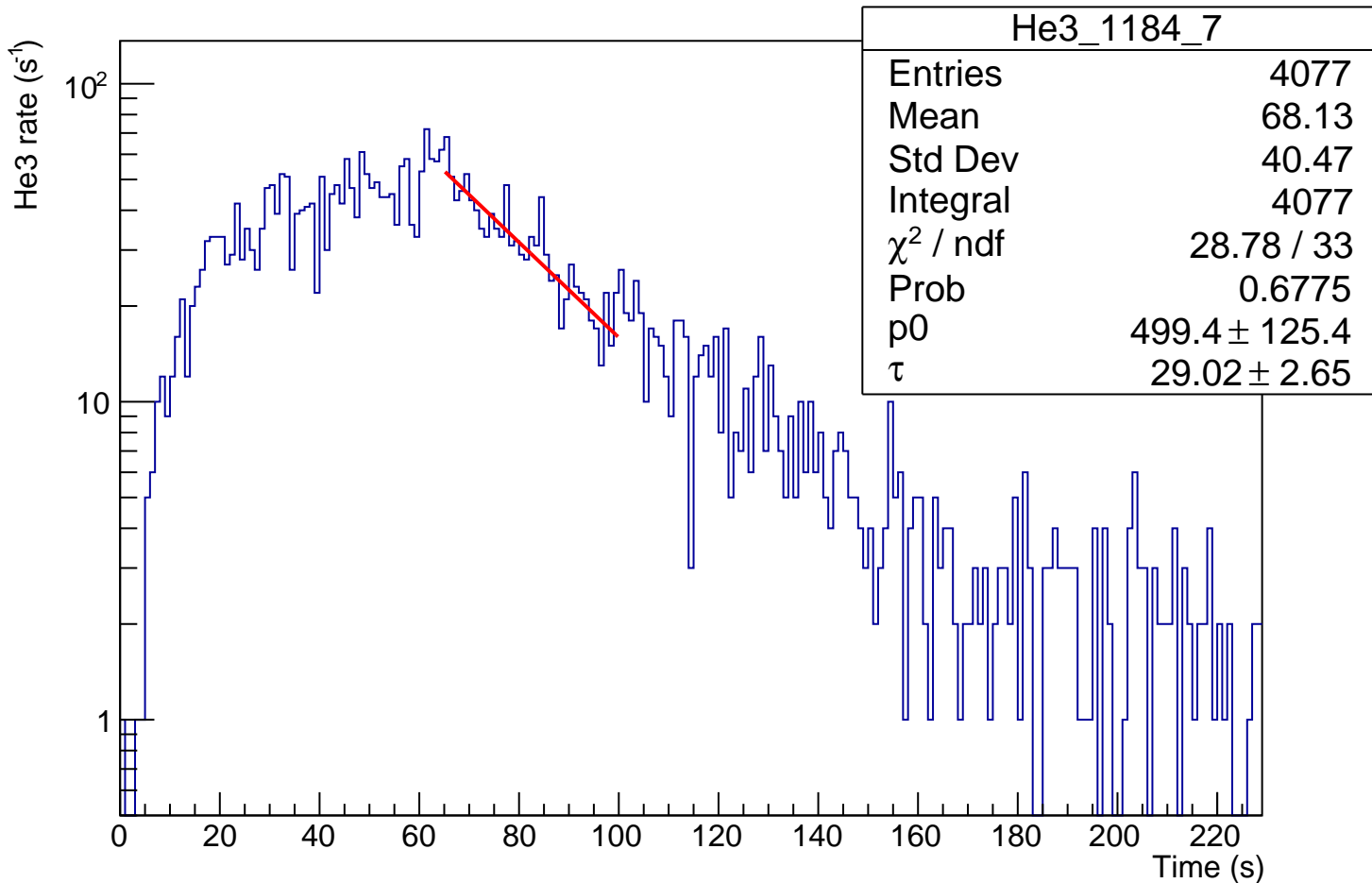
UCN-count-to-monitor ratio



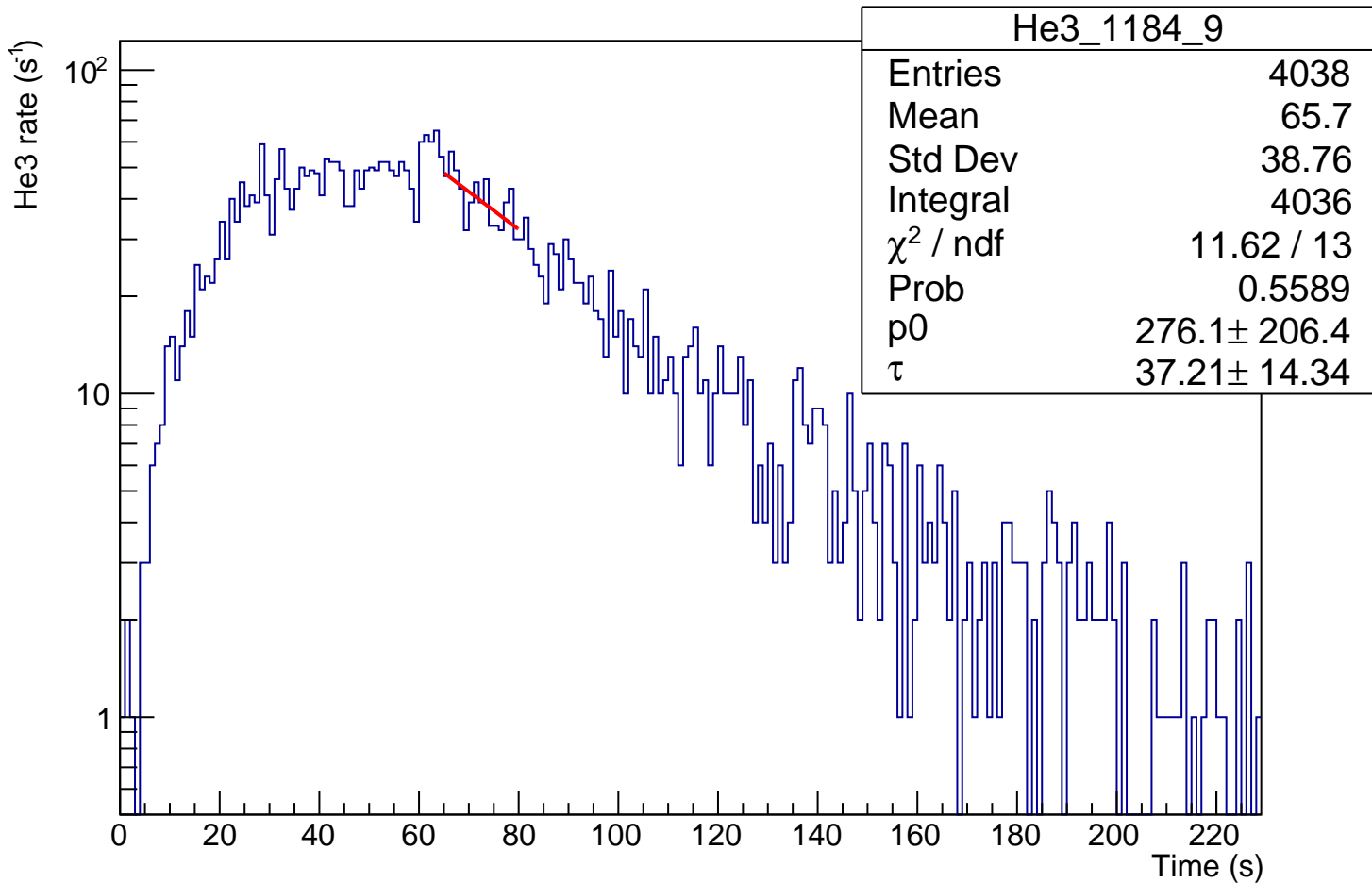
TCN18-216 (single exponential fit + background, unnormalized)



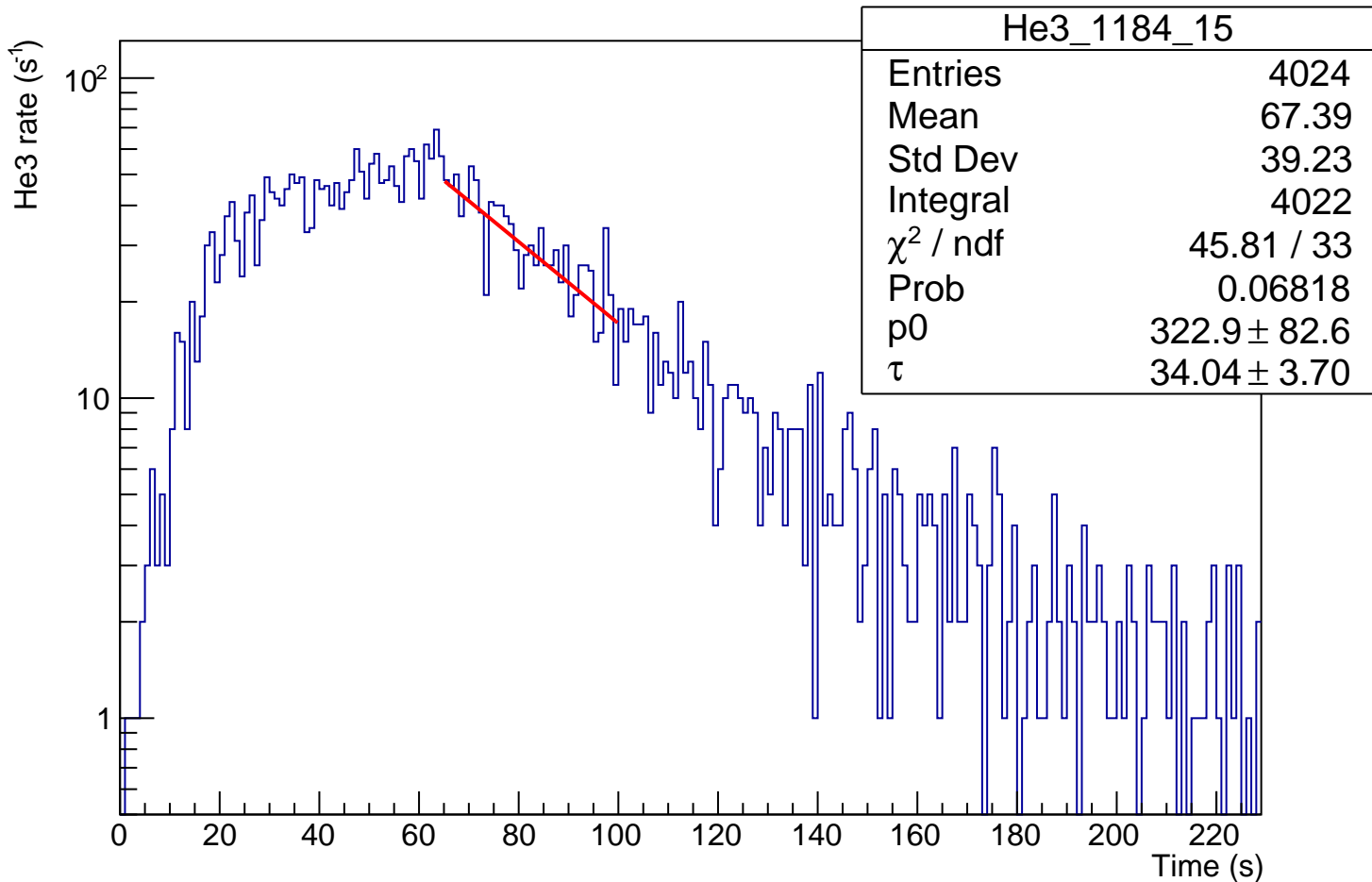
# He3 detector rate



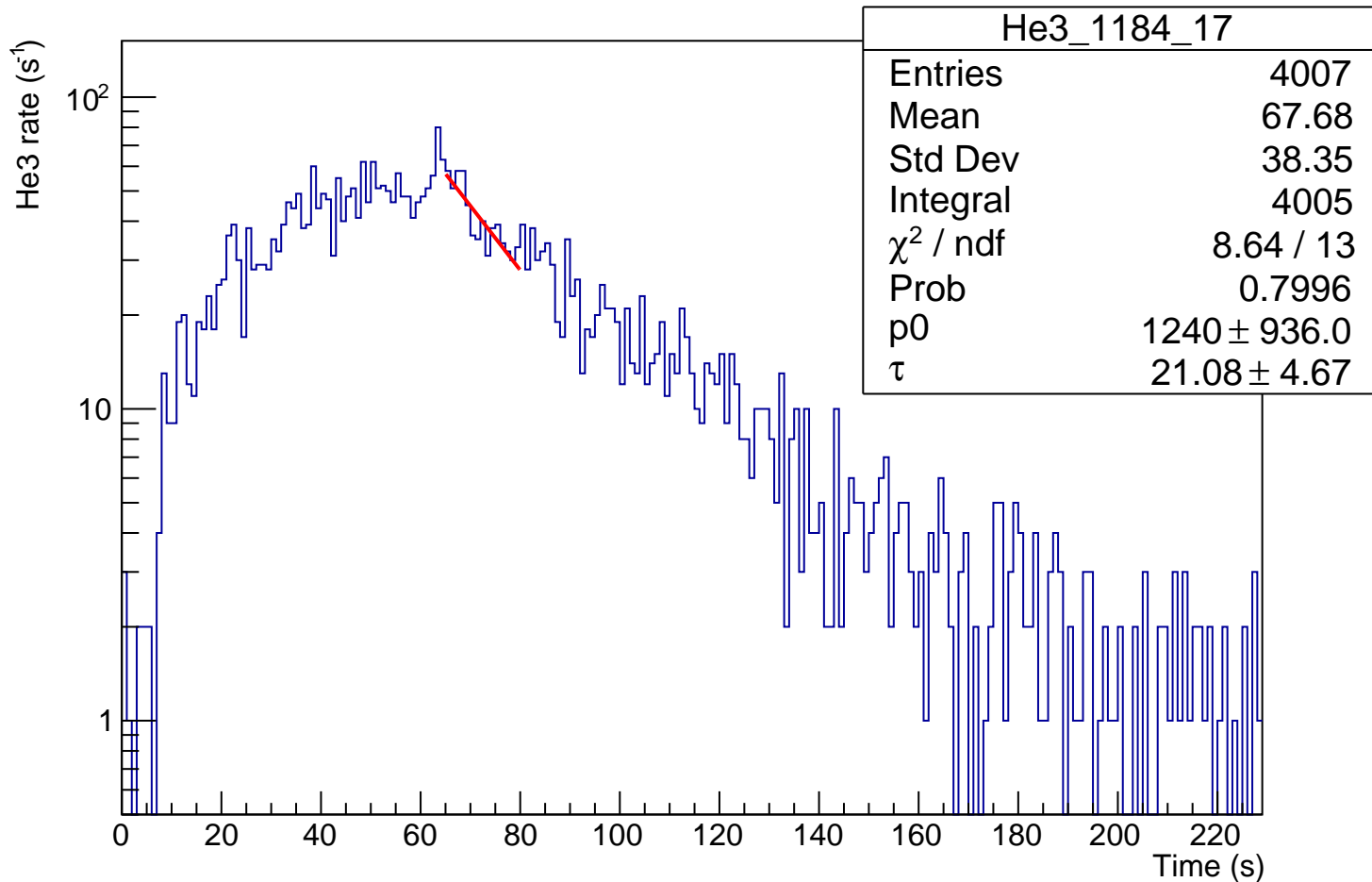
# He3 detector rate



# He3 detector rate

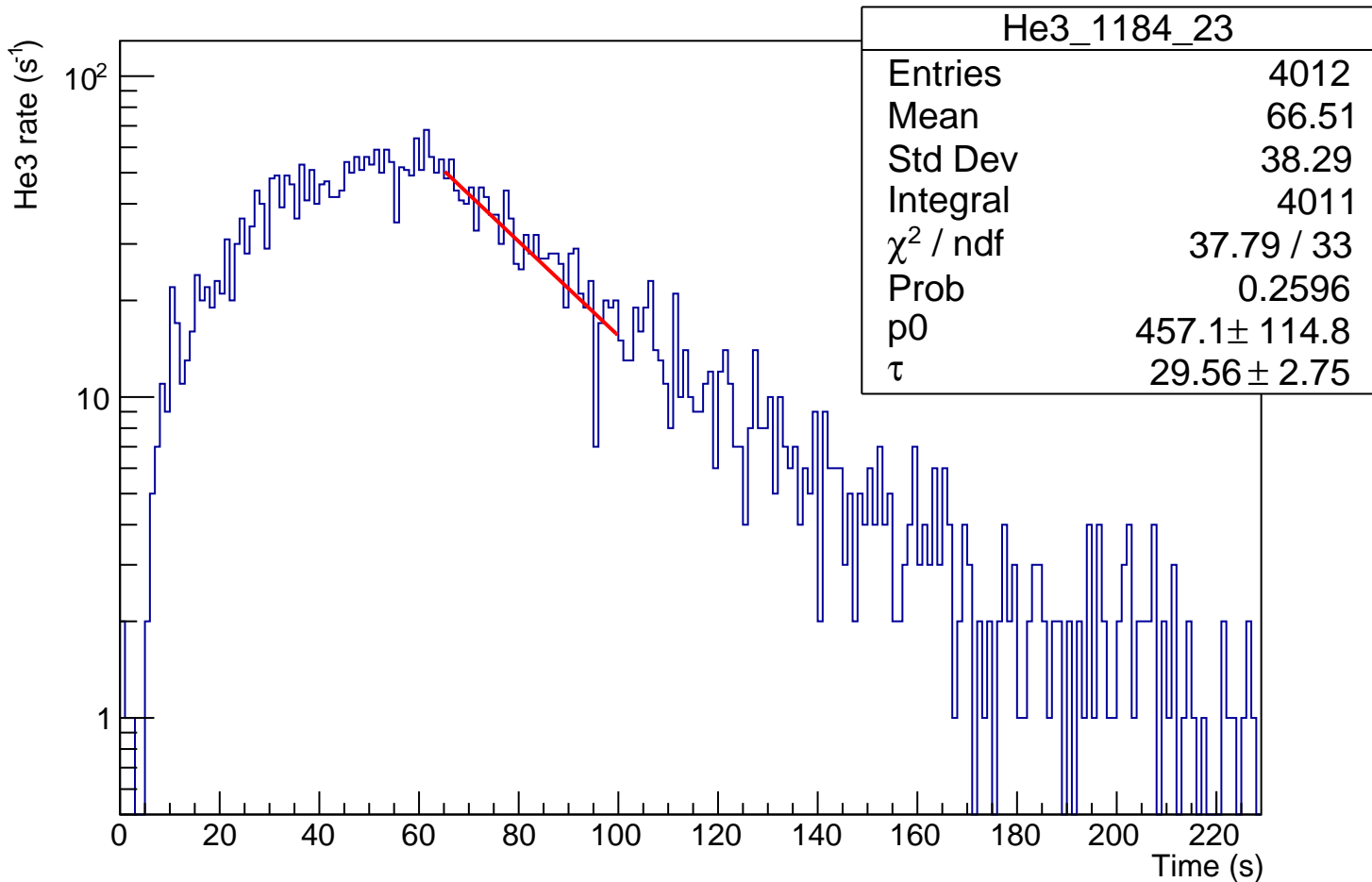


# He3 detector rate

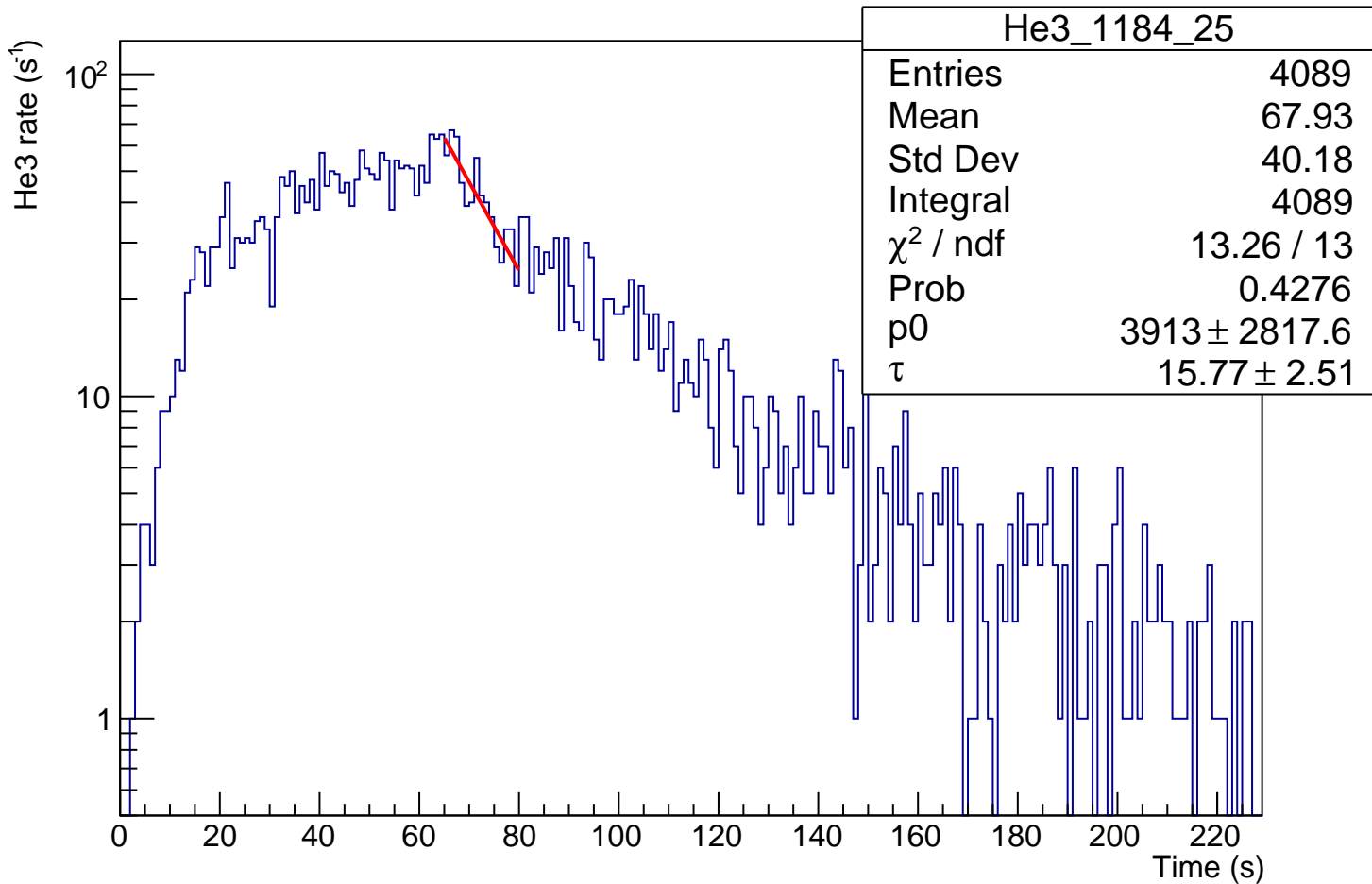




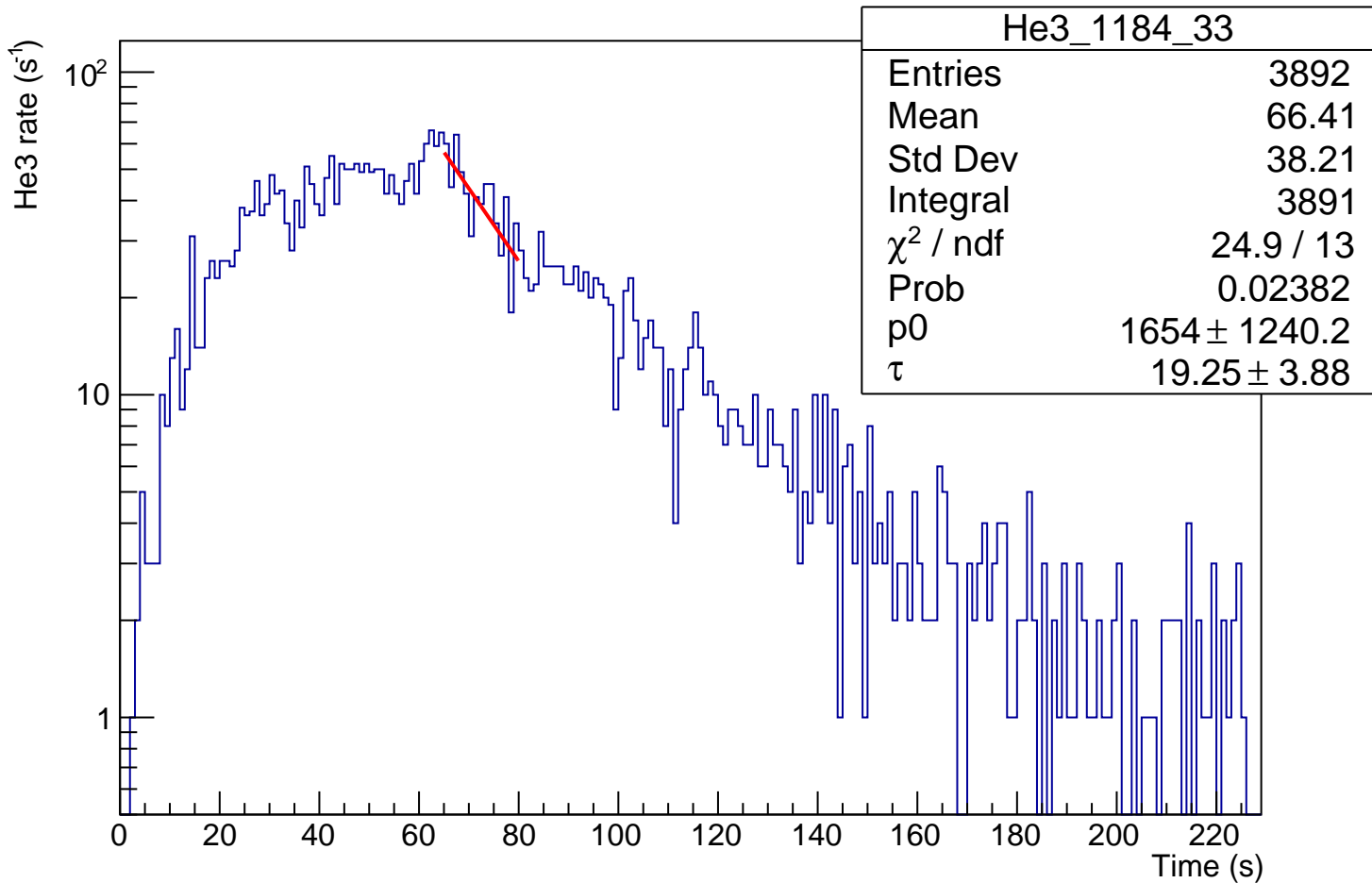
# He3 detector rate



# He3 detector rate



# He3 detector rate



**Average lifetime from He3 data:**

$$\tau = 24.7844578092 \pm 2.57580426932 \text{ s}$$