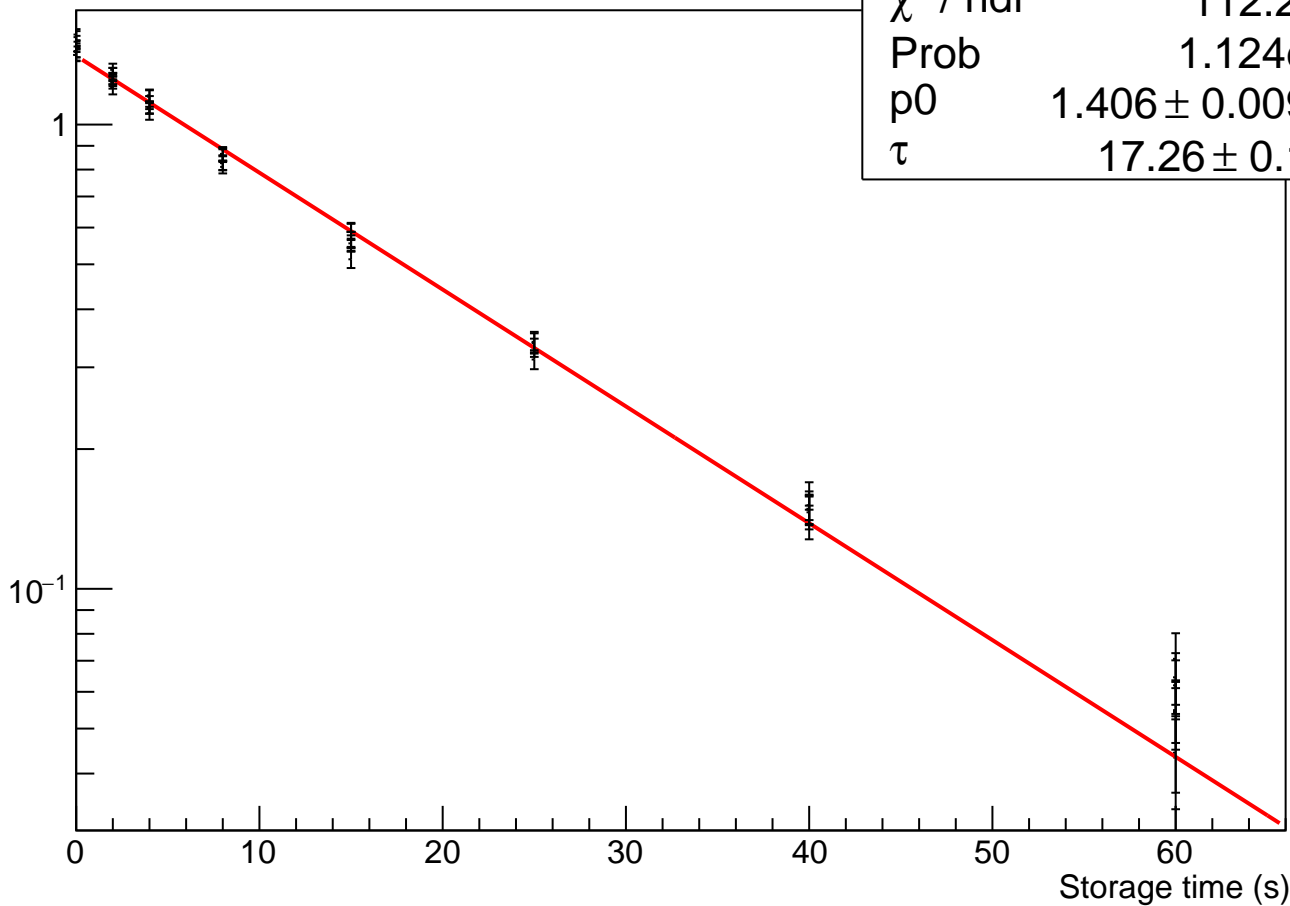


TCN18-061 (single exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio



$\chi^2 / \text{ndf}$

112.2 / 50

Prob

1.124e-06

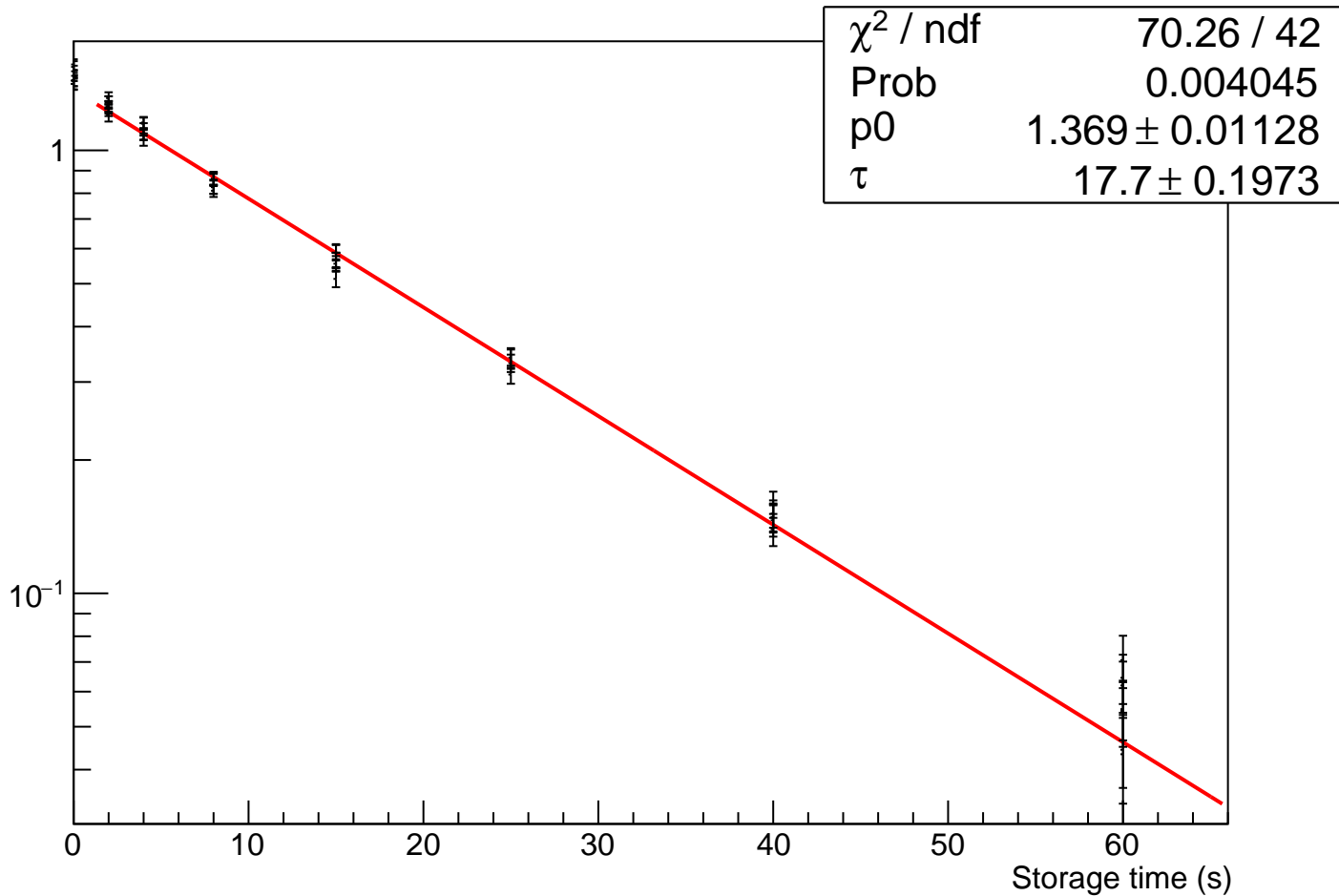
p0

$1.406 \pm 0.009112$

$\tau$

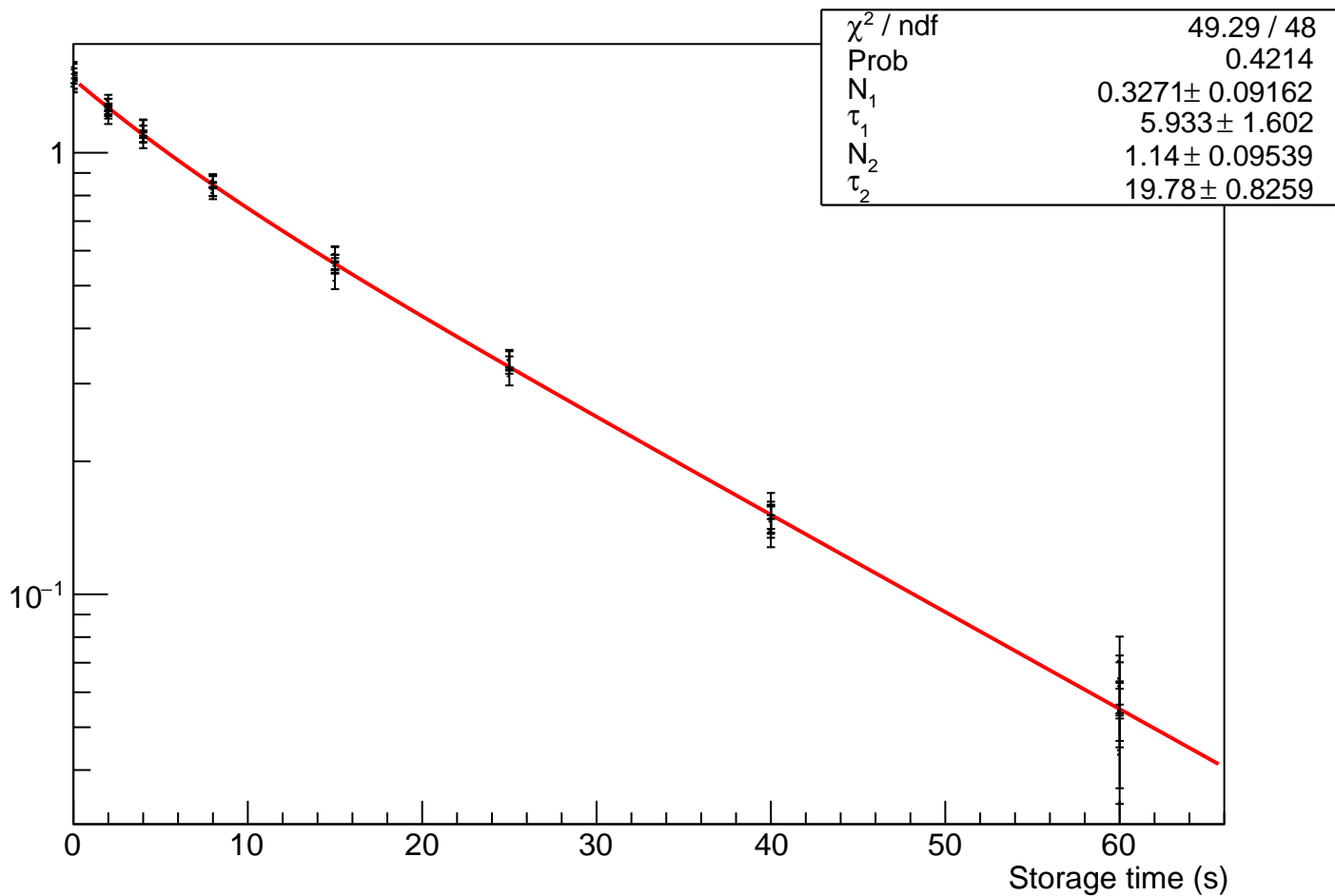
$17.26 \pm 0.1754$

UCN-count-to-monitor ratio

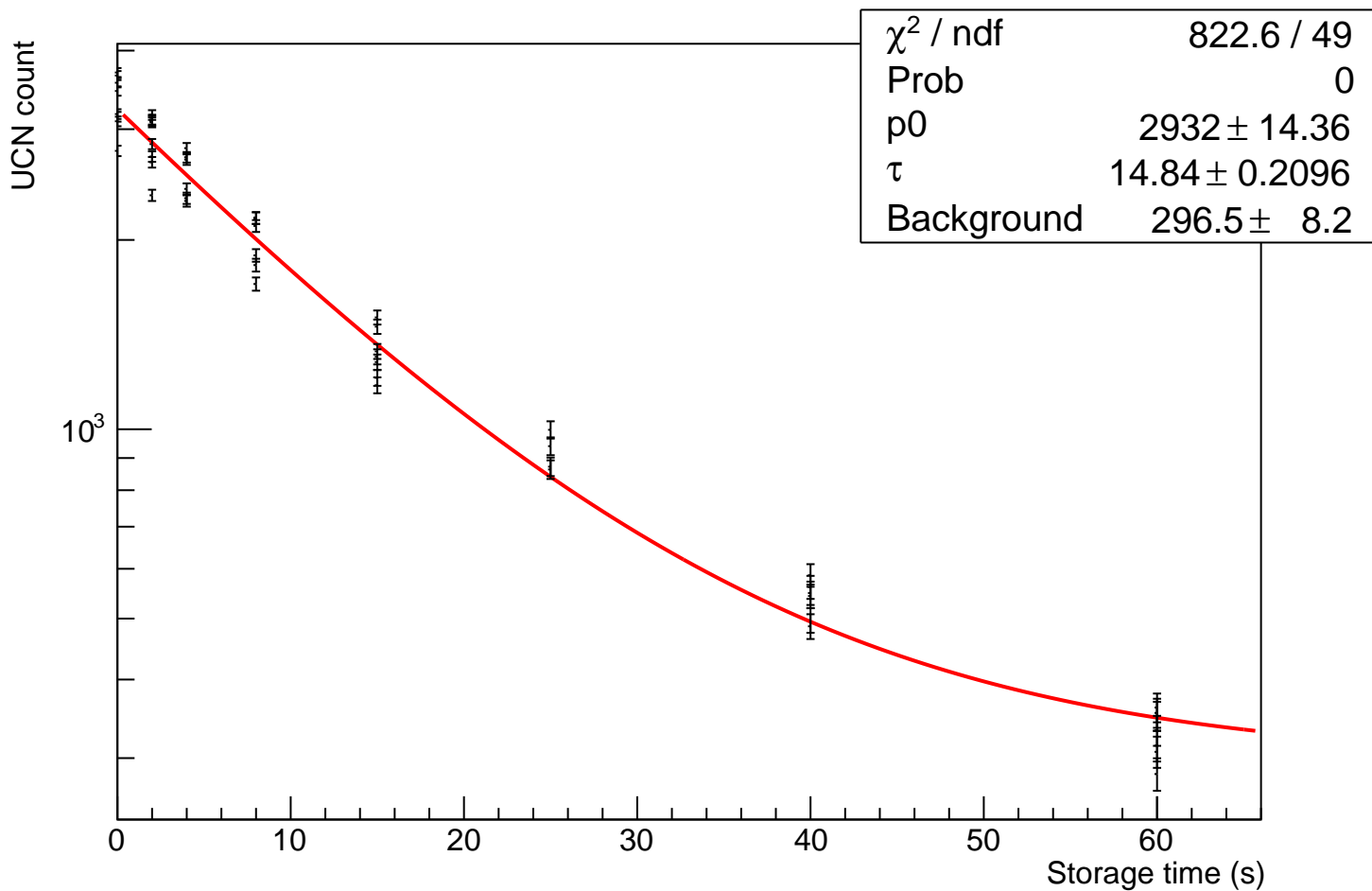


TCN18-061 (double exponential fit, with background subtracted, normalized to monitor detector)

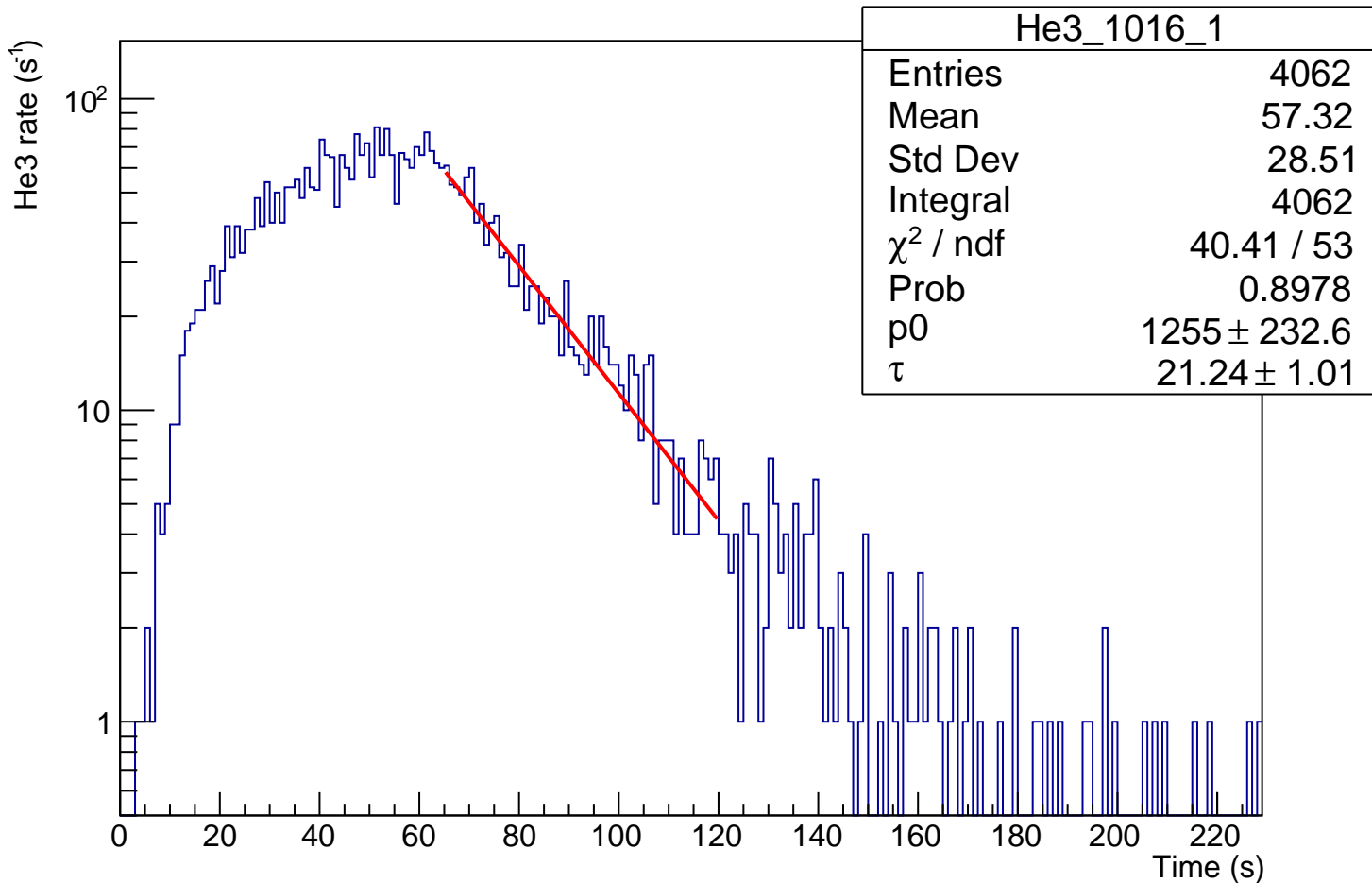
UCN-count-to-monitor ratio



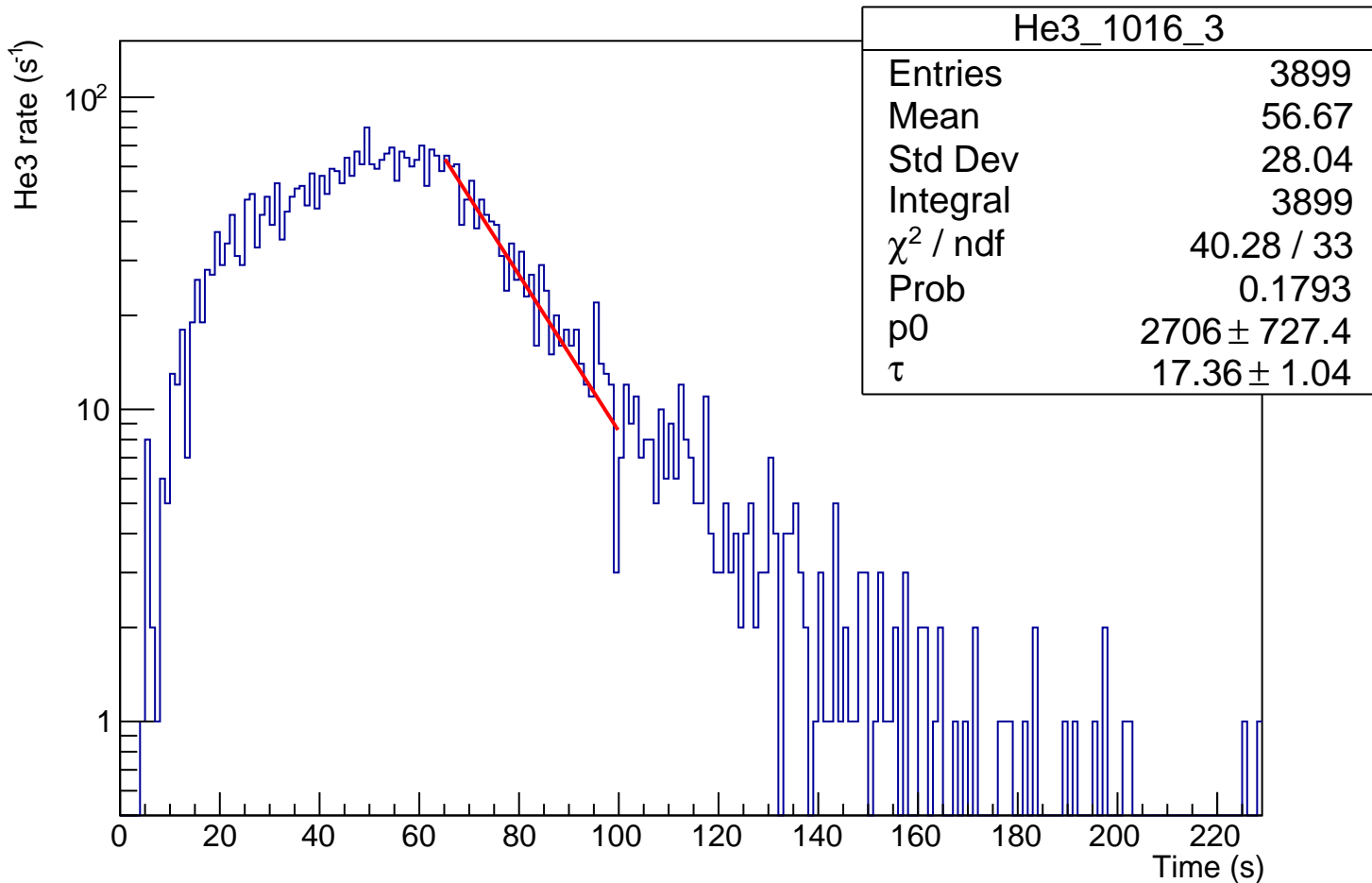
TCN18-061 (single exponential fit + background, unnormalized)



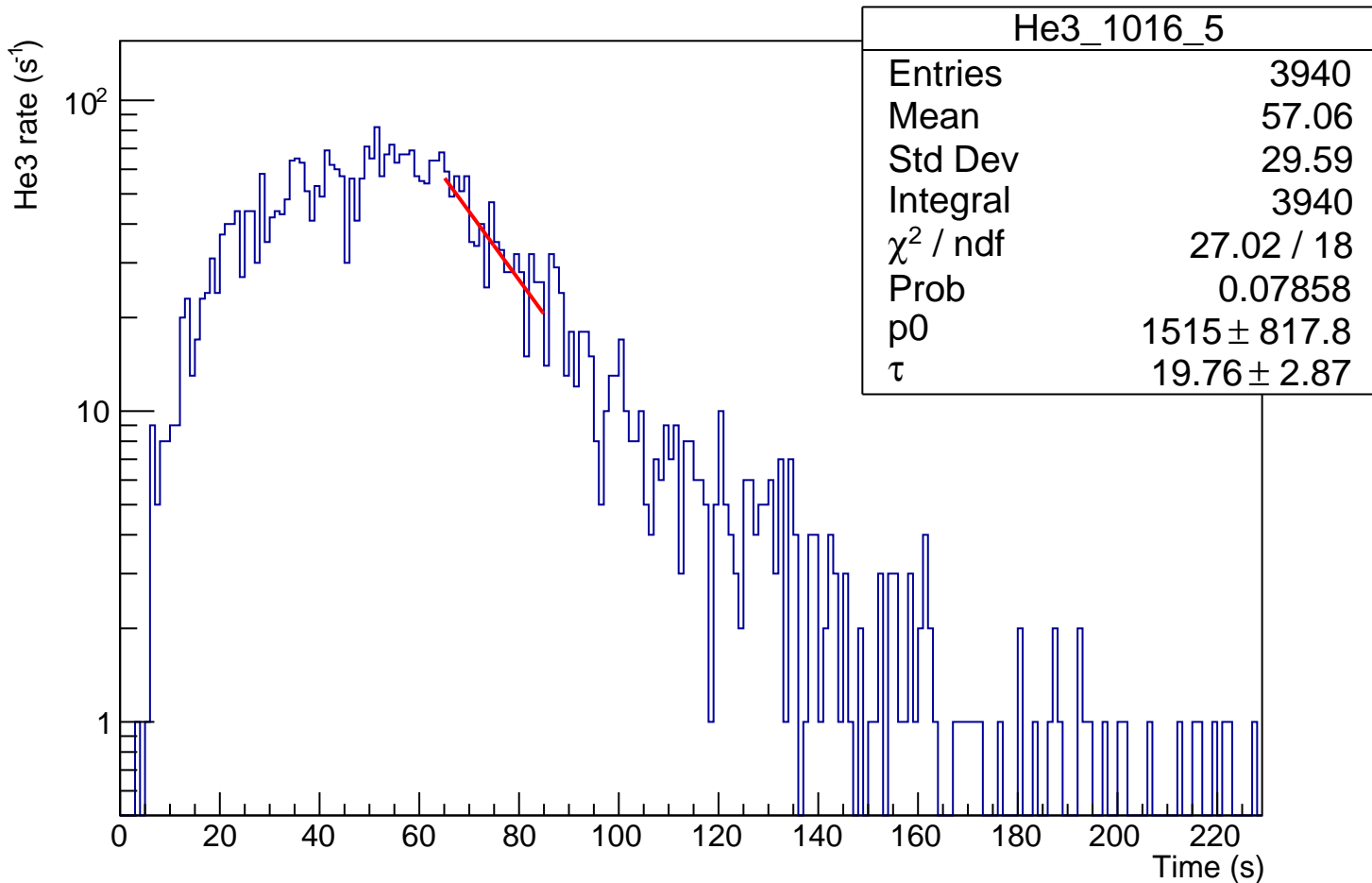
# He3 detector rate



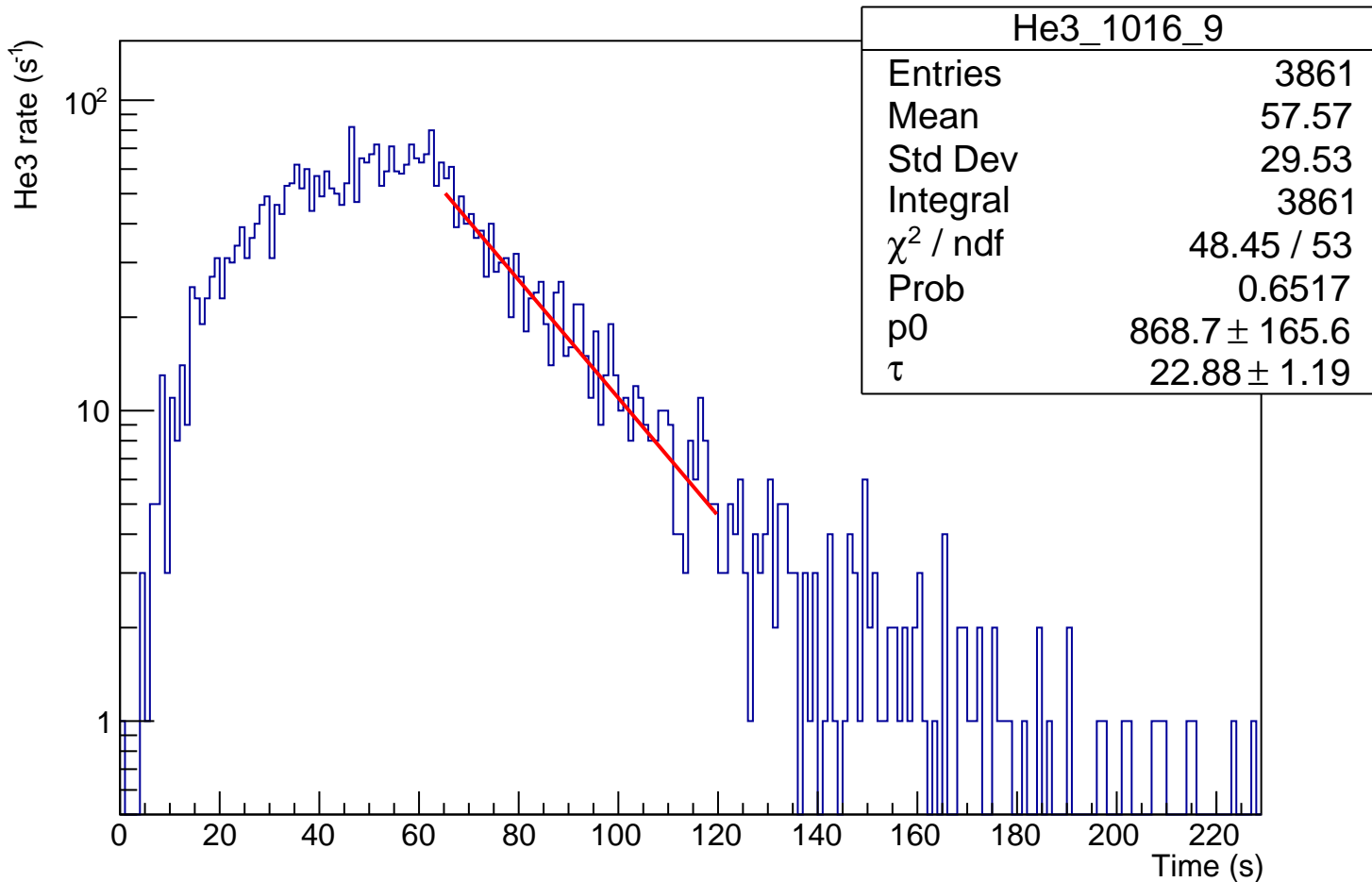
# He3 detector rate



# He3 detector rate

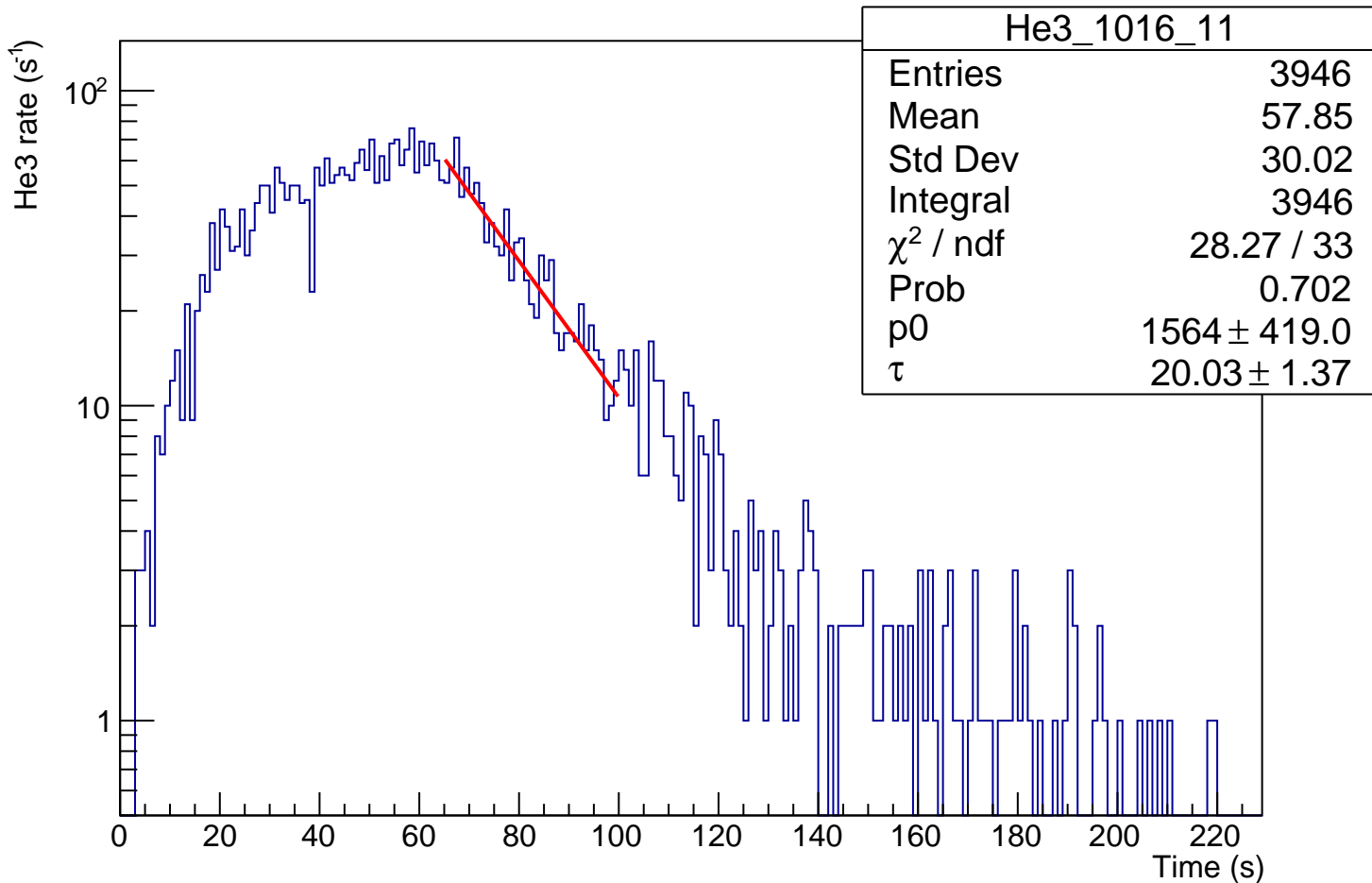


# He3 detector rate

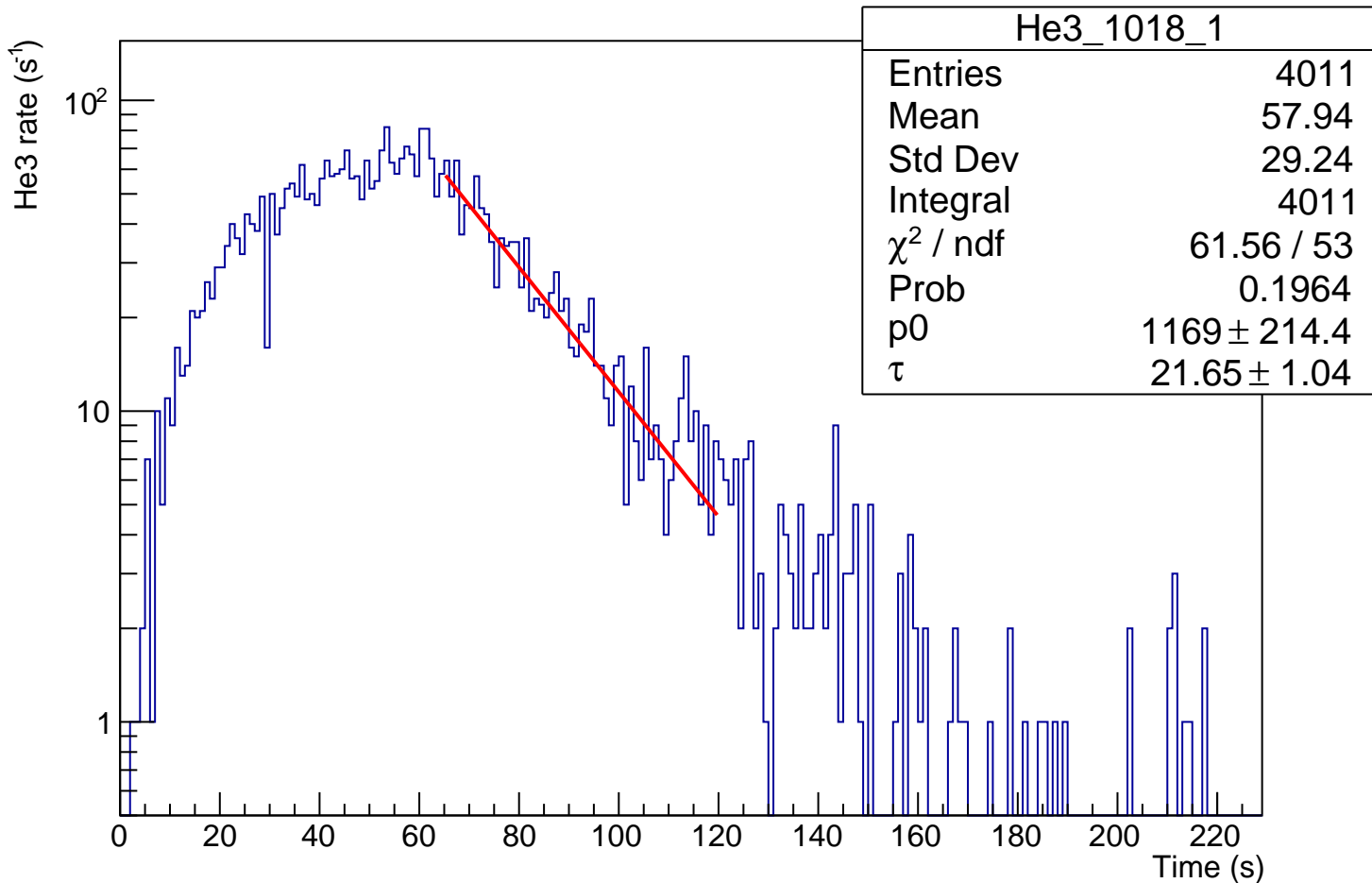




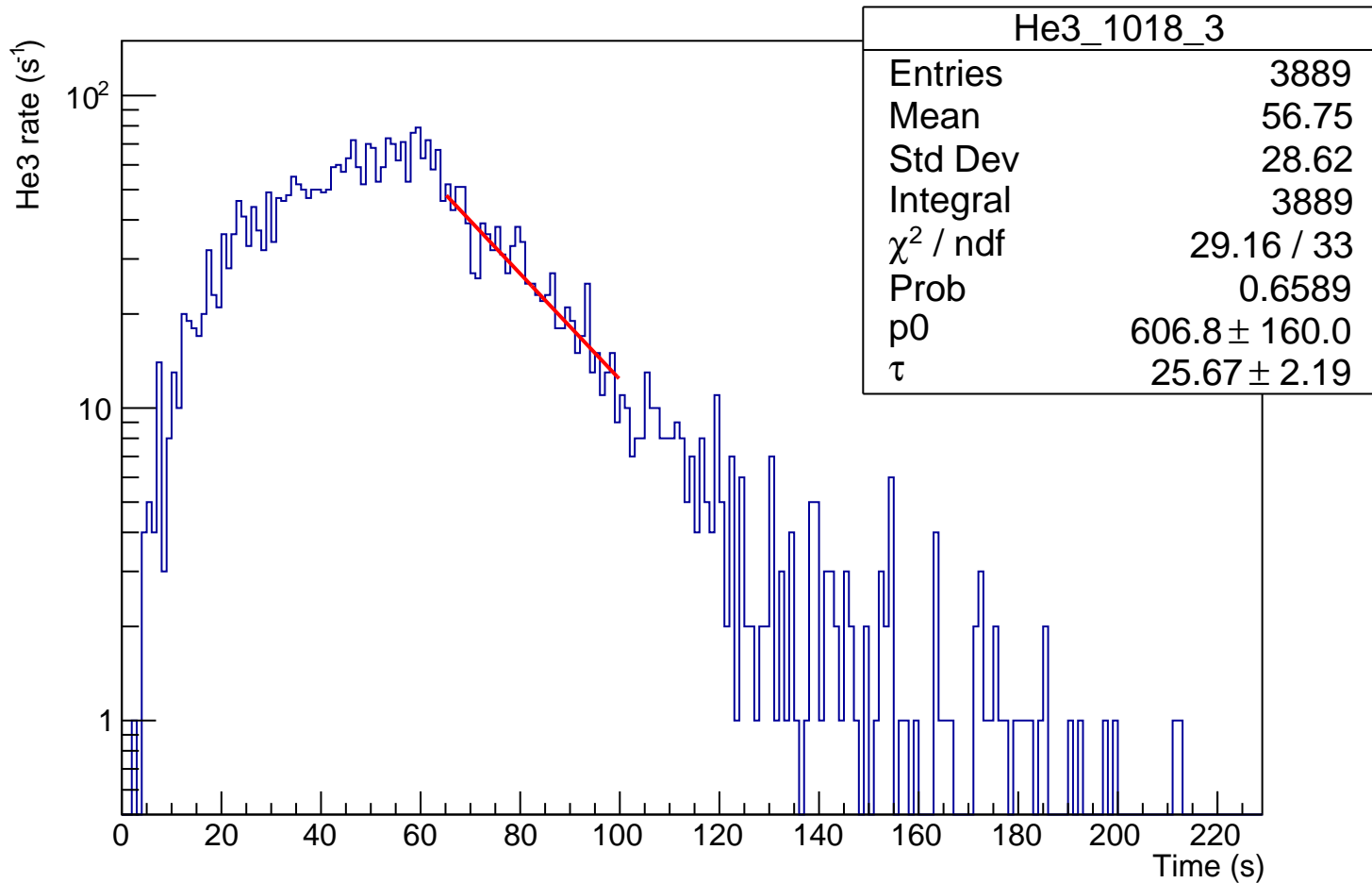
# He3 detector rate



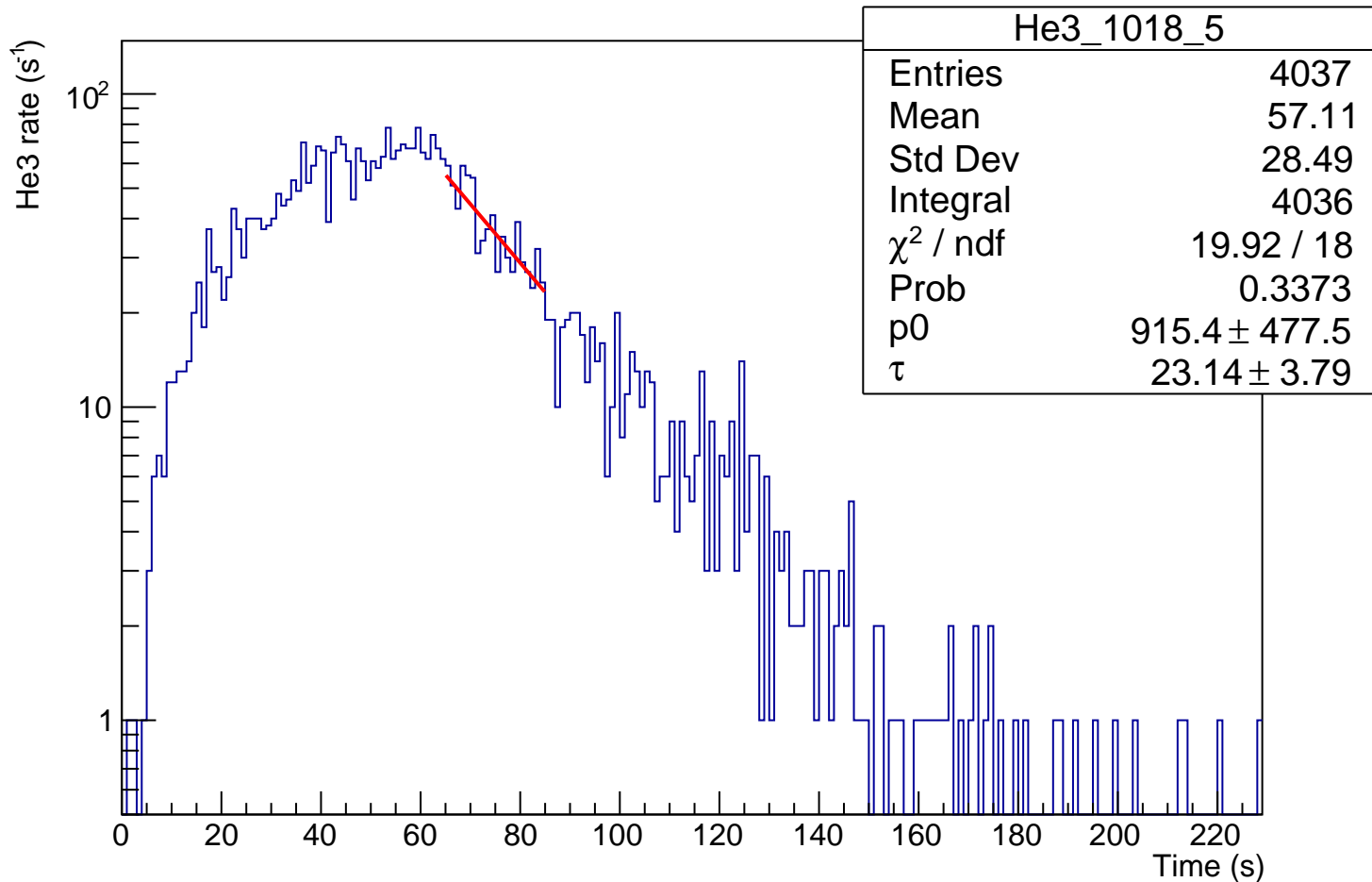
# He3 detector rate



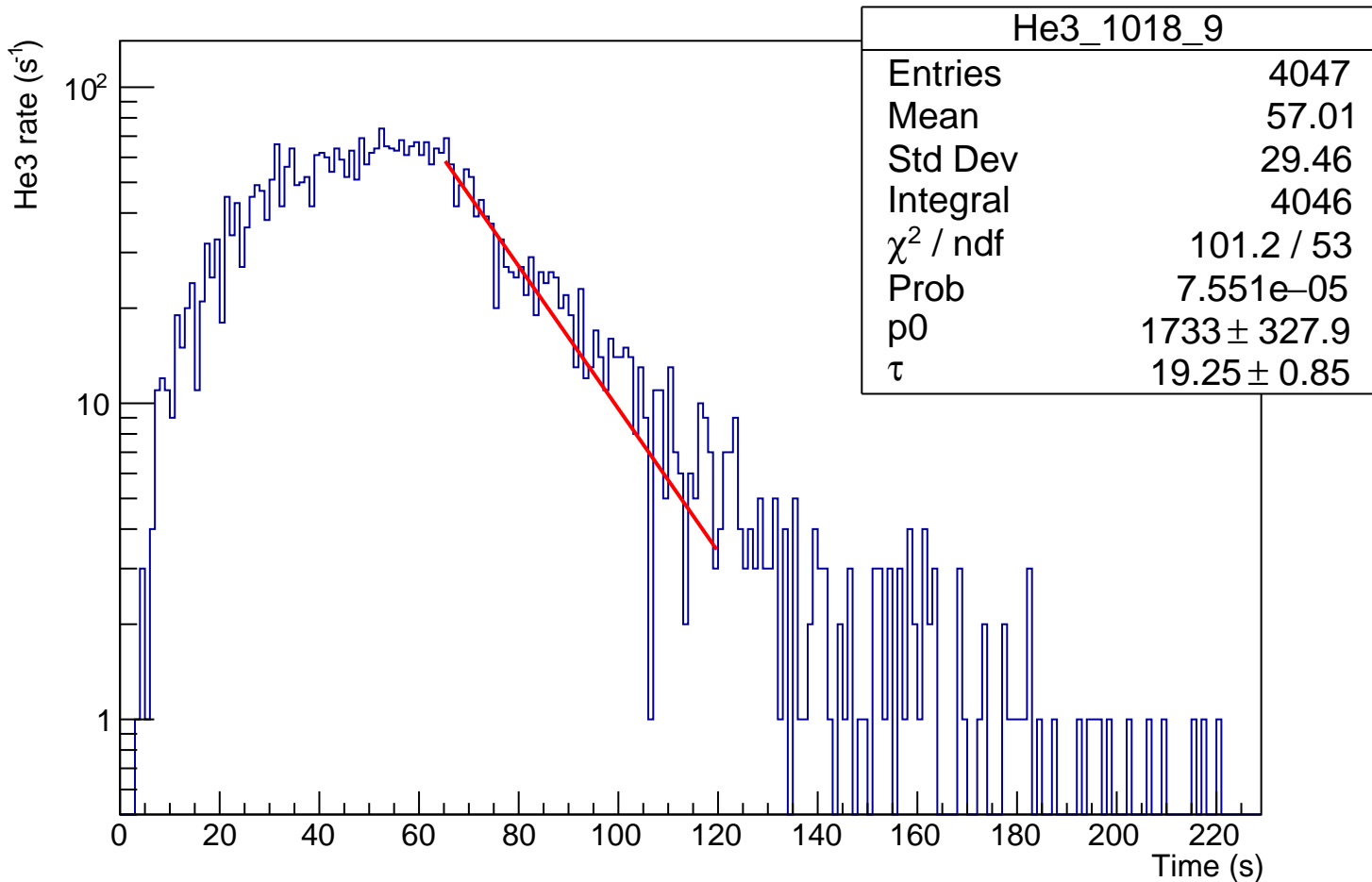
# He3 detector rate



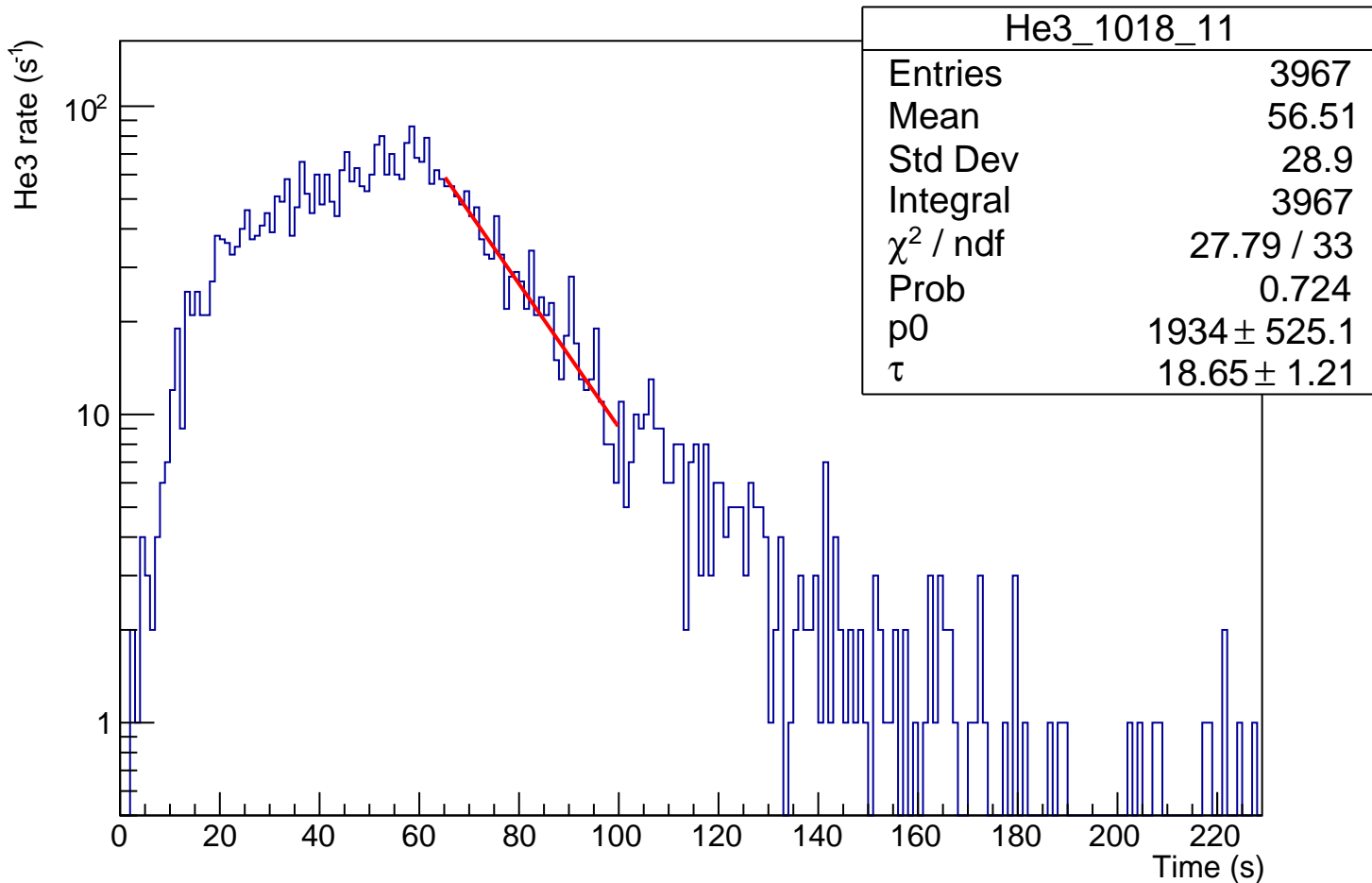
# He3 detector rate



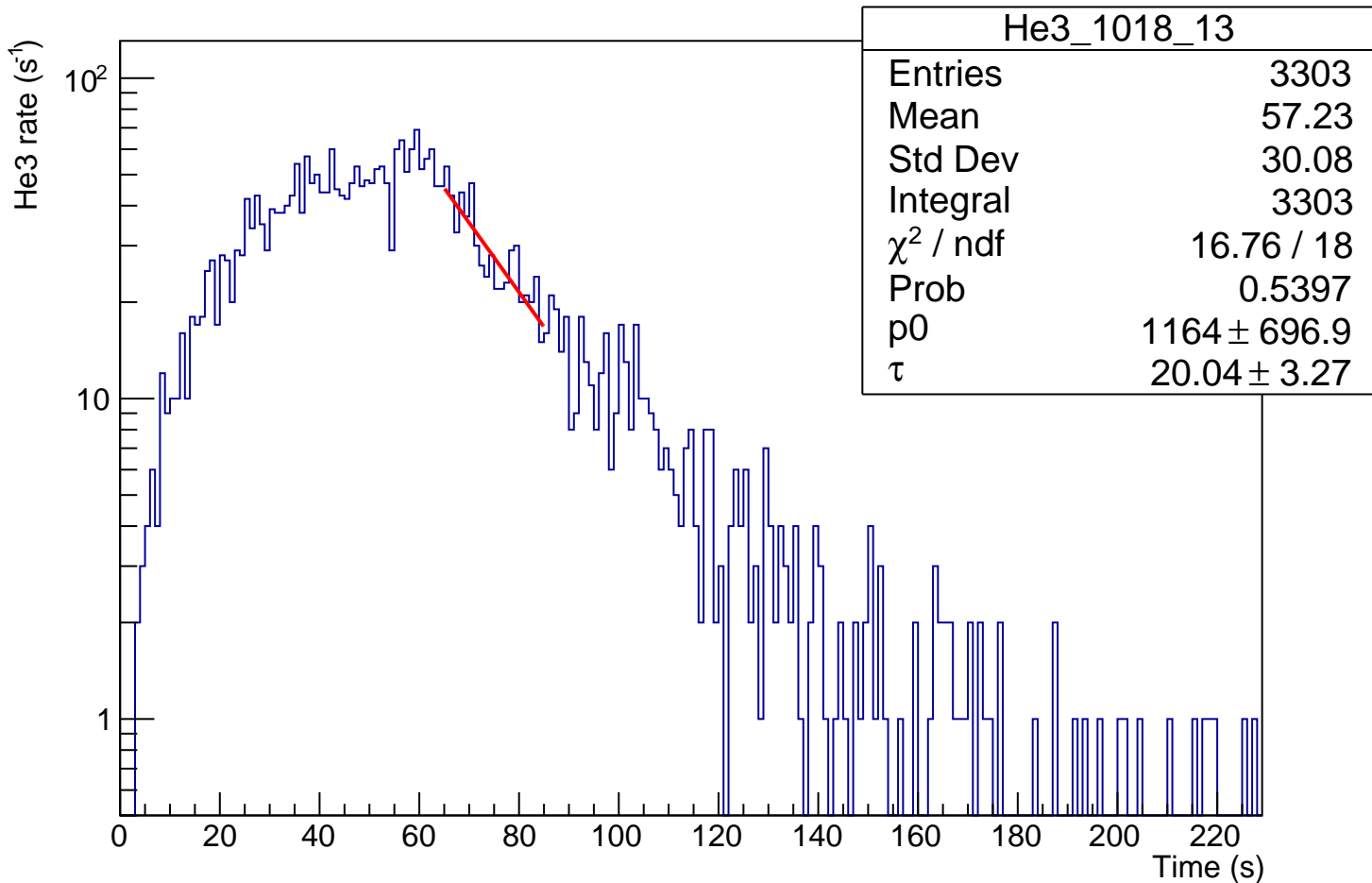
# He3 detector rate



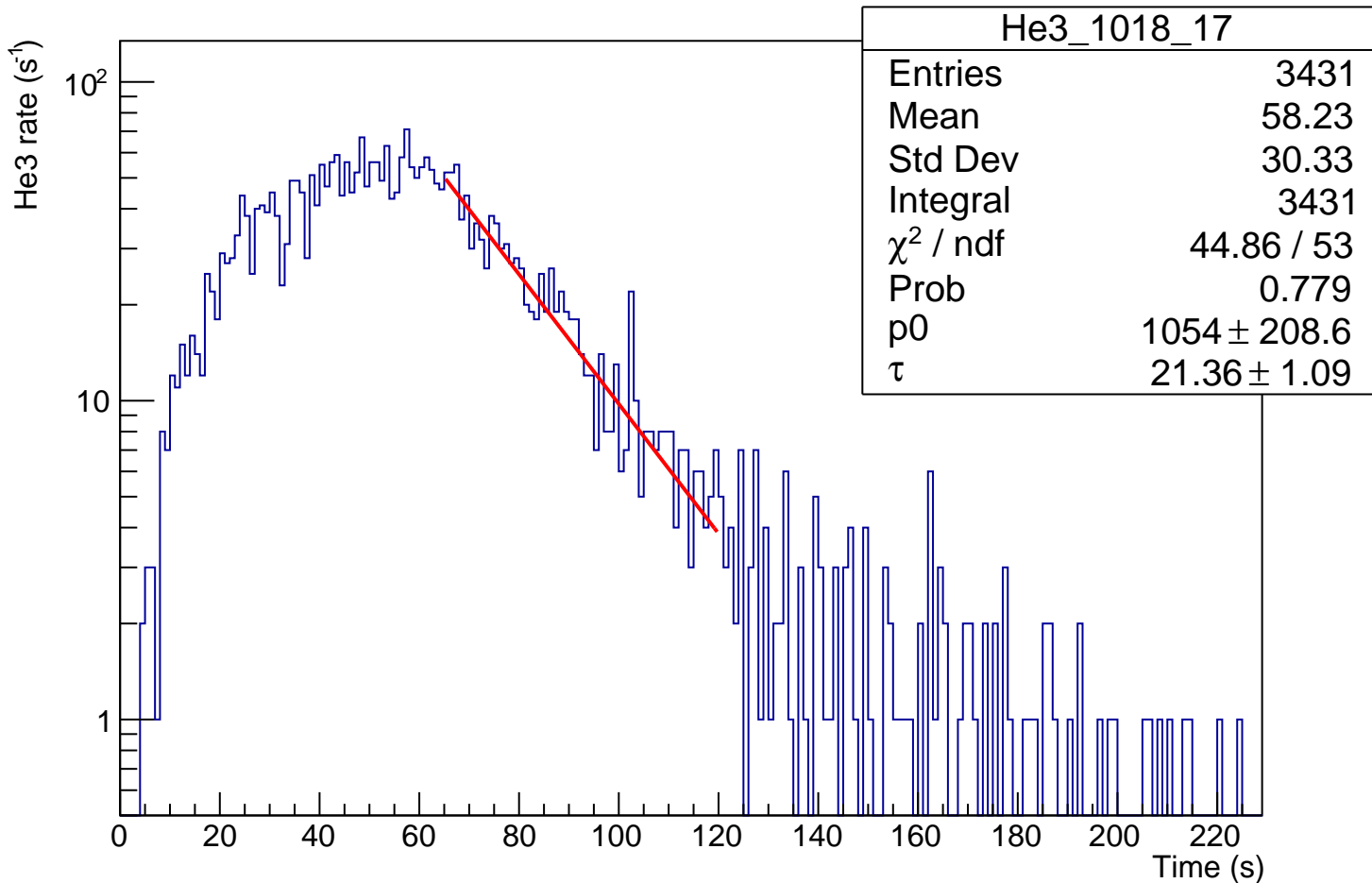
# He3 detector rate



# He3 detector rate

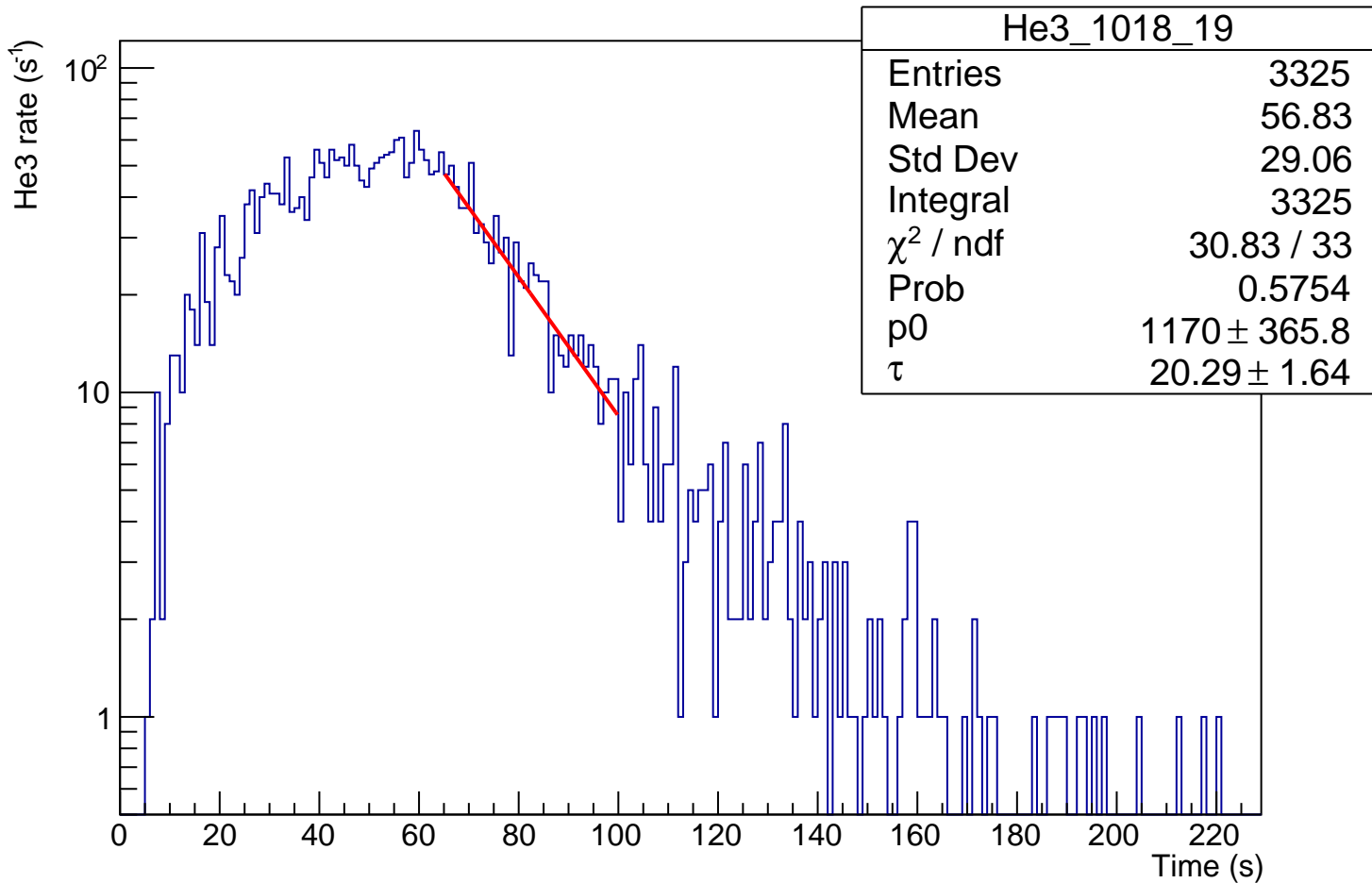


# He3 detector rate

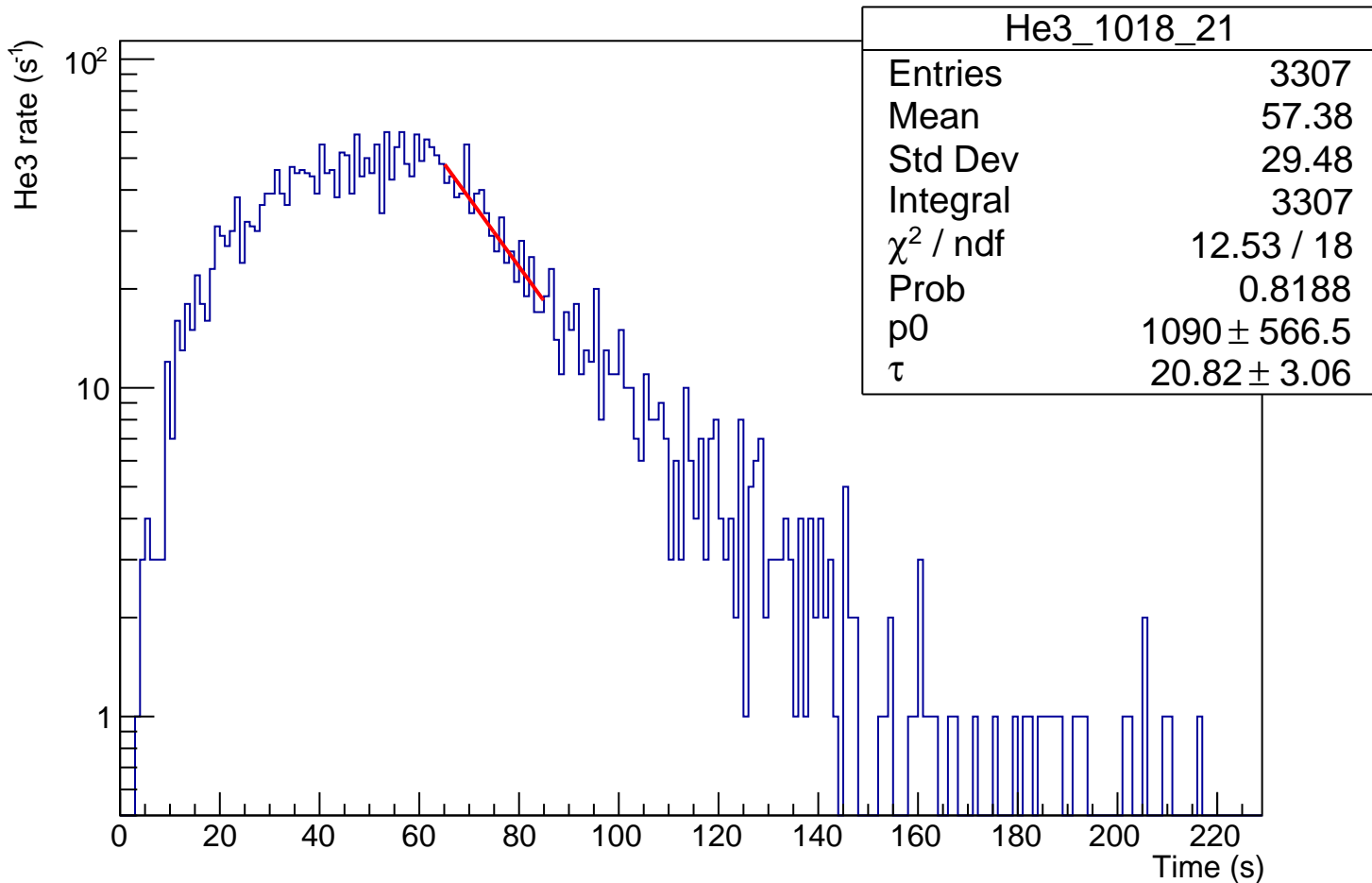




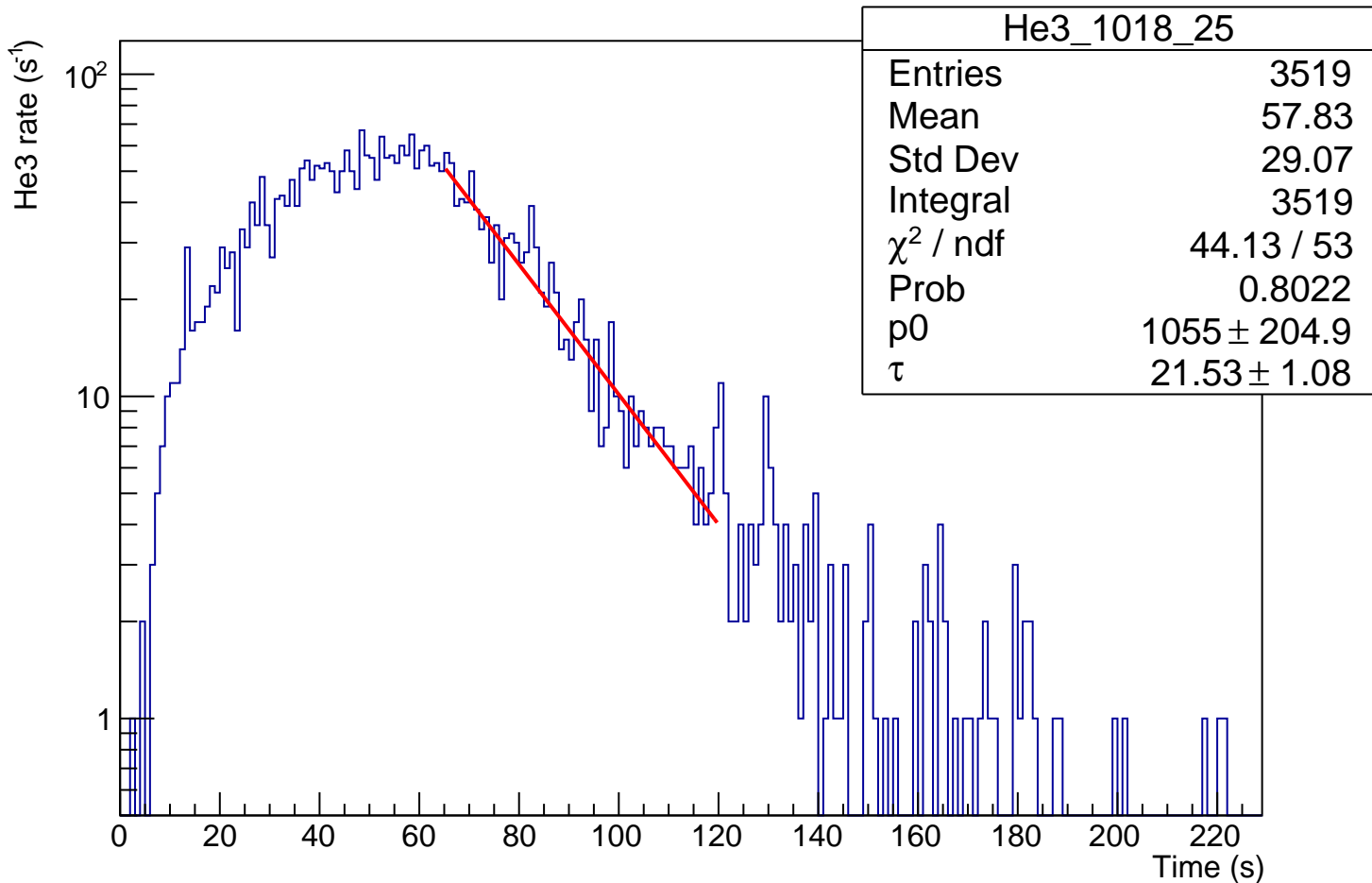
# He3 detector rate



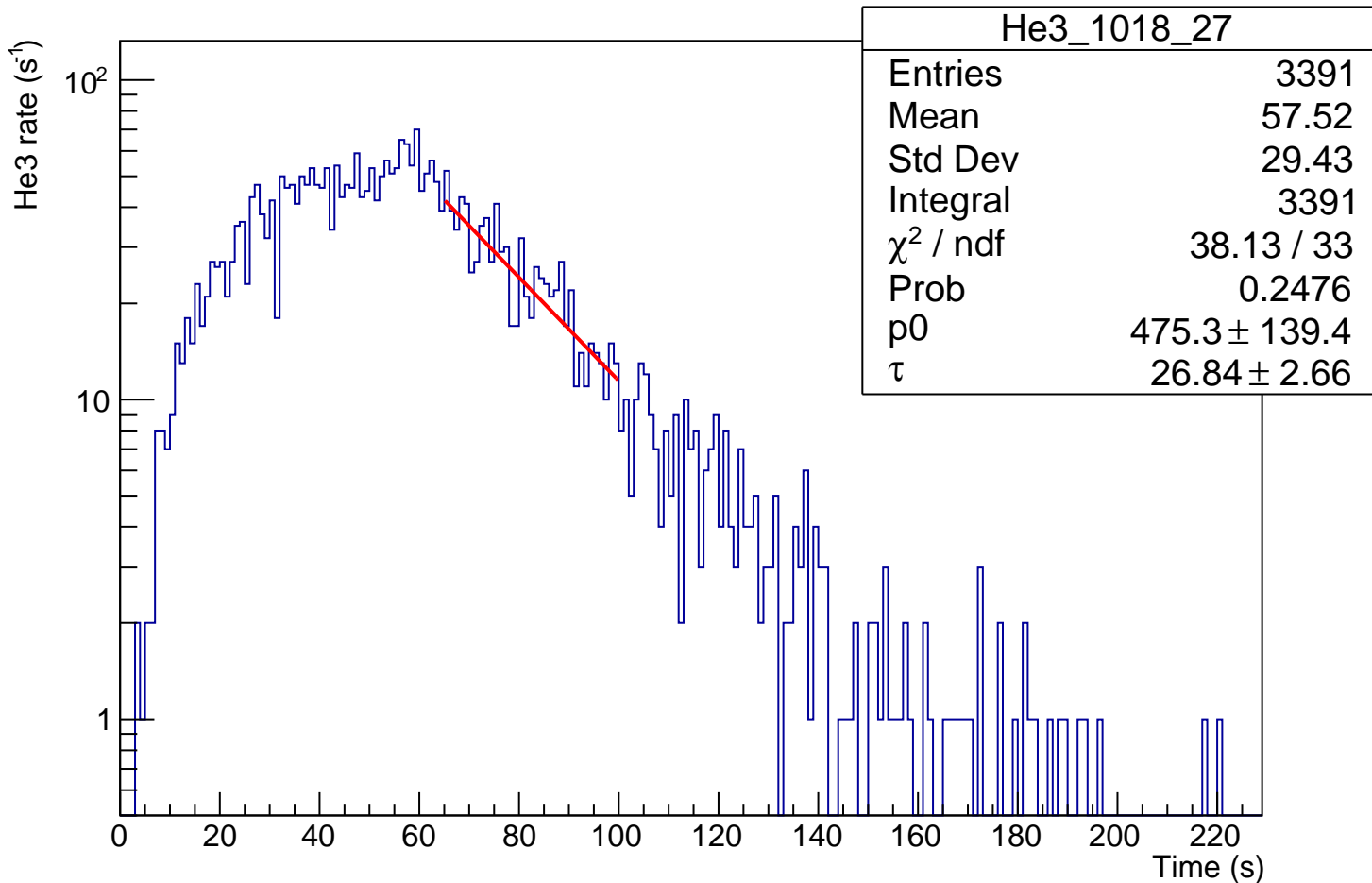
# He3 detector rate



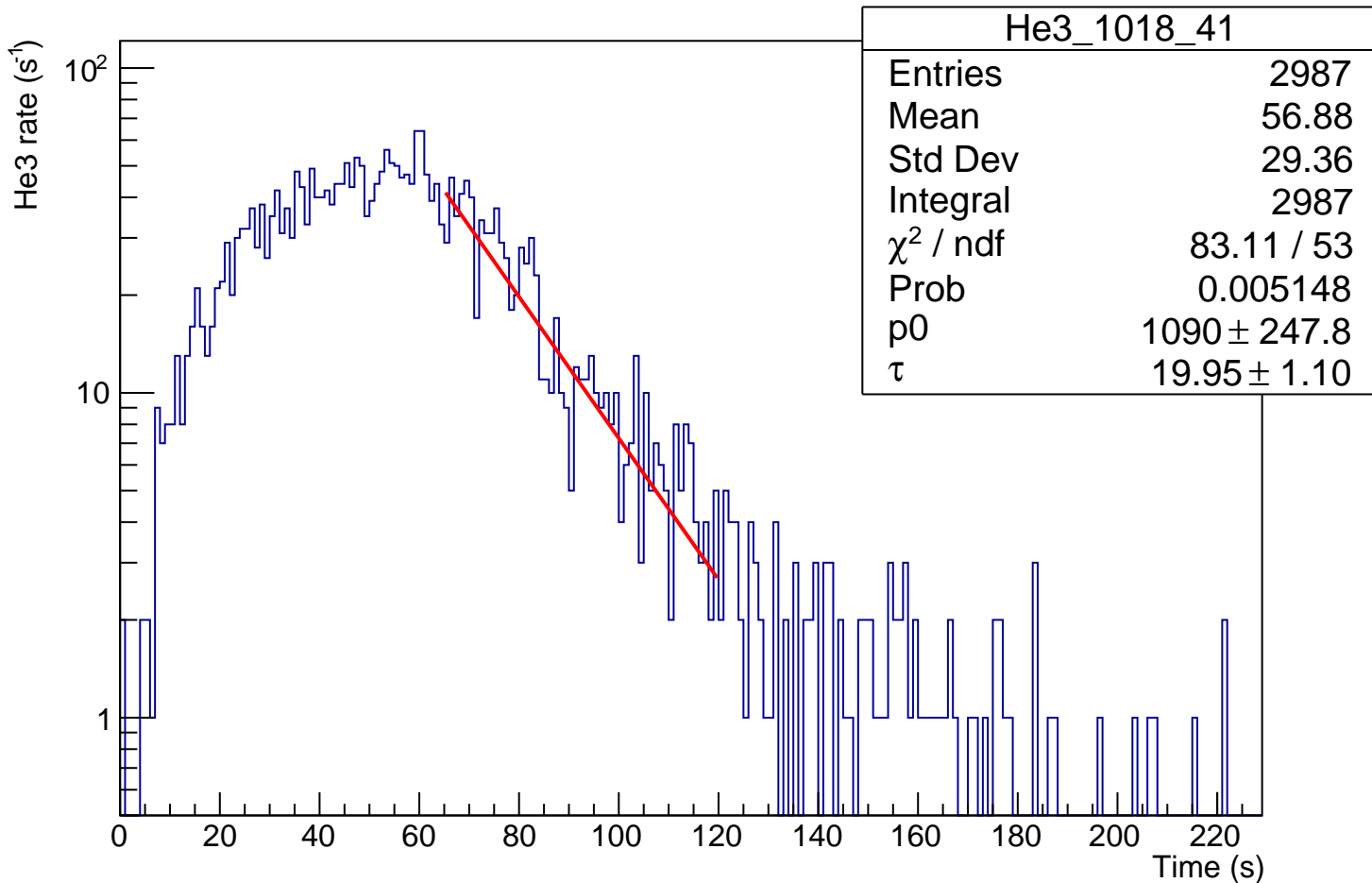
# He3 detector rate



# He3 detector rate



# He3 detector rate



**Average lifetime from He3 data:**

$$\tau = 20.550629607 \pm 0.0105313124156 \text{ s}$$