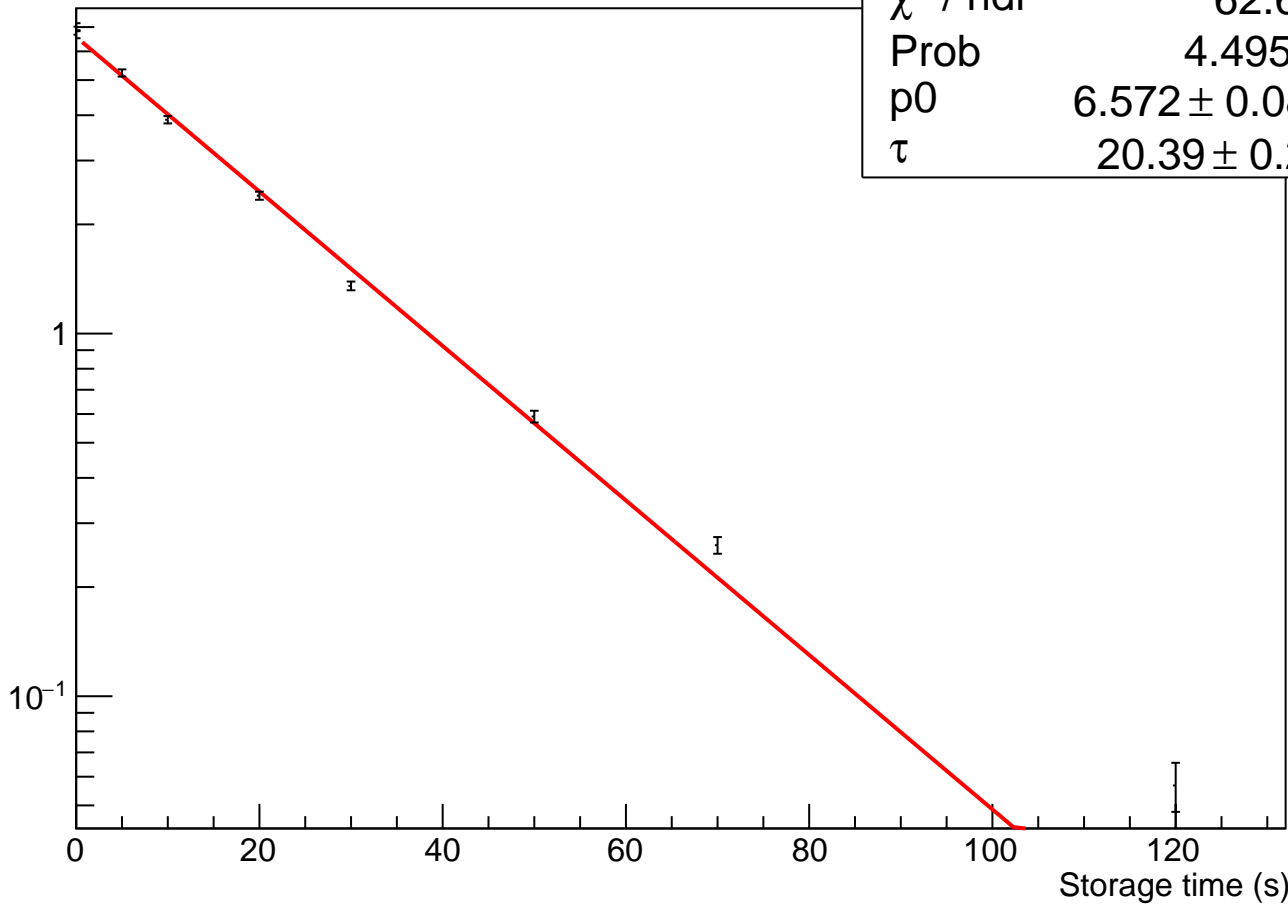


TCN18-092 (single exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio



χ^2 / ndf

62.63 / 7

Prob

4.495e-11

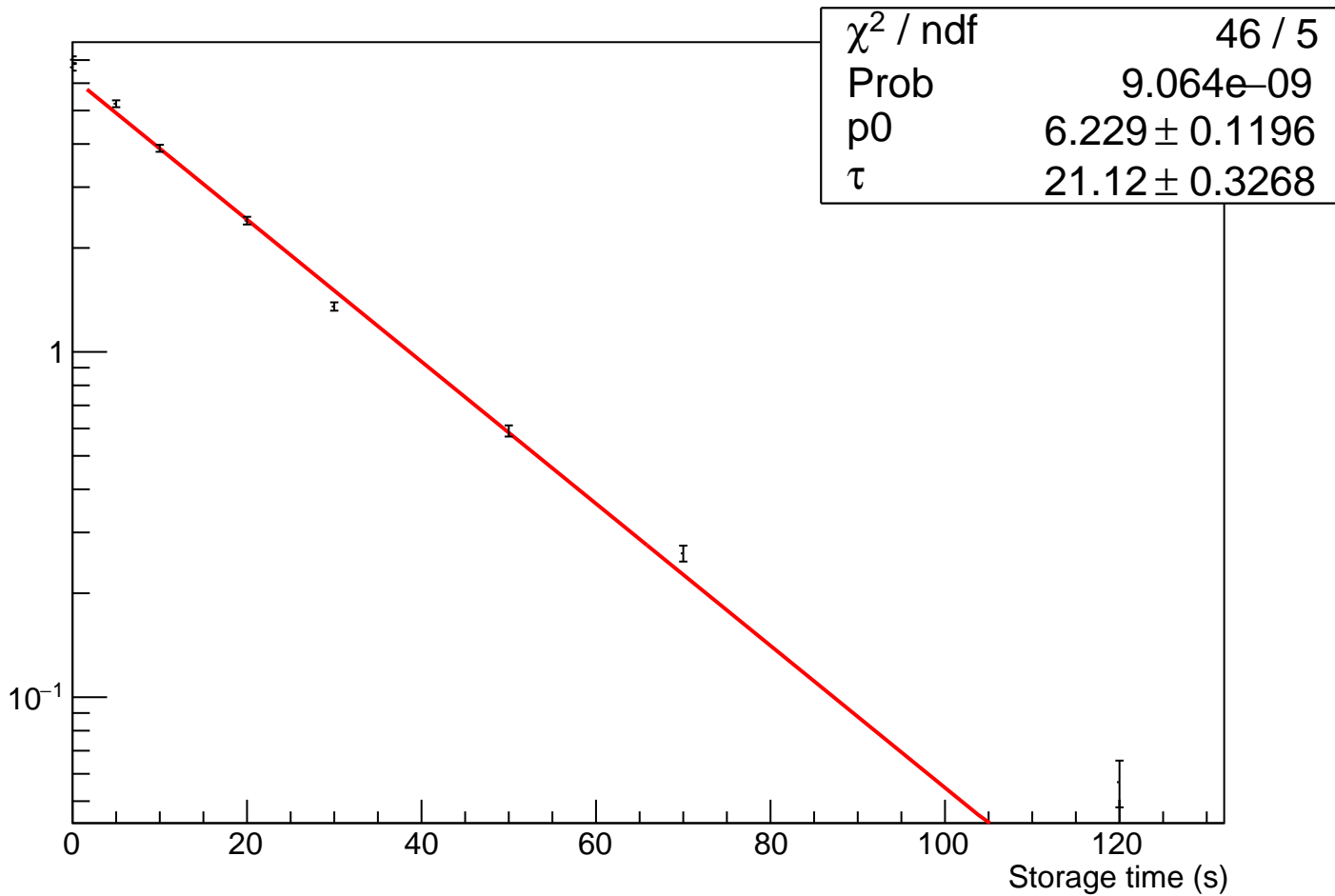
p0

6.572 ± 0.08166

τ

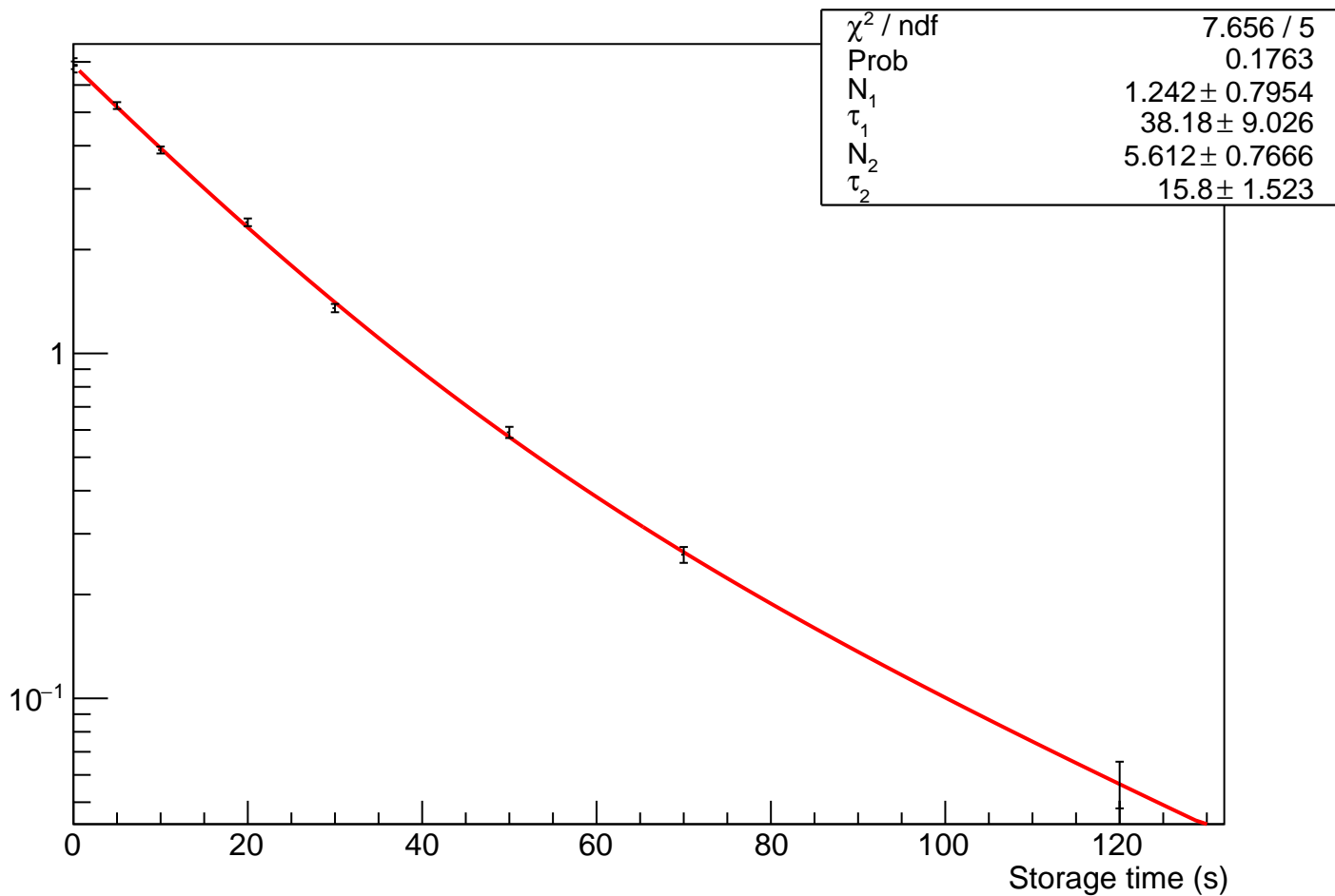
20.39 ± 0.2515

UCN-count-to-monitor ratio

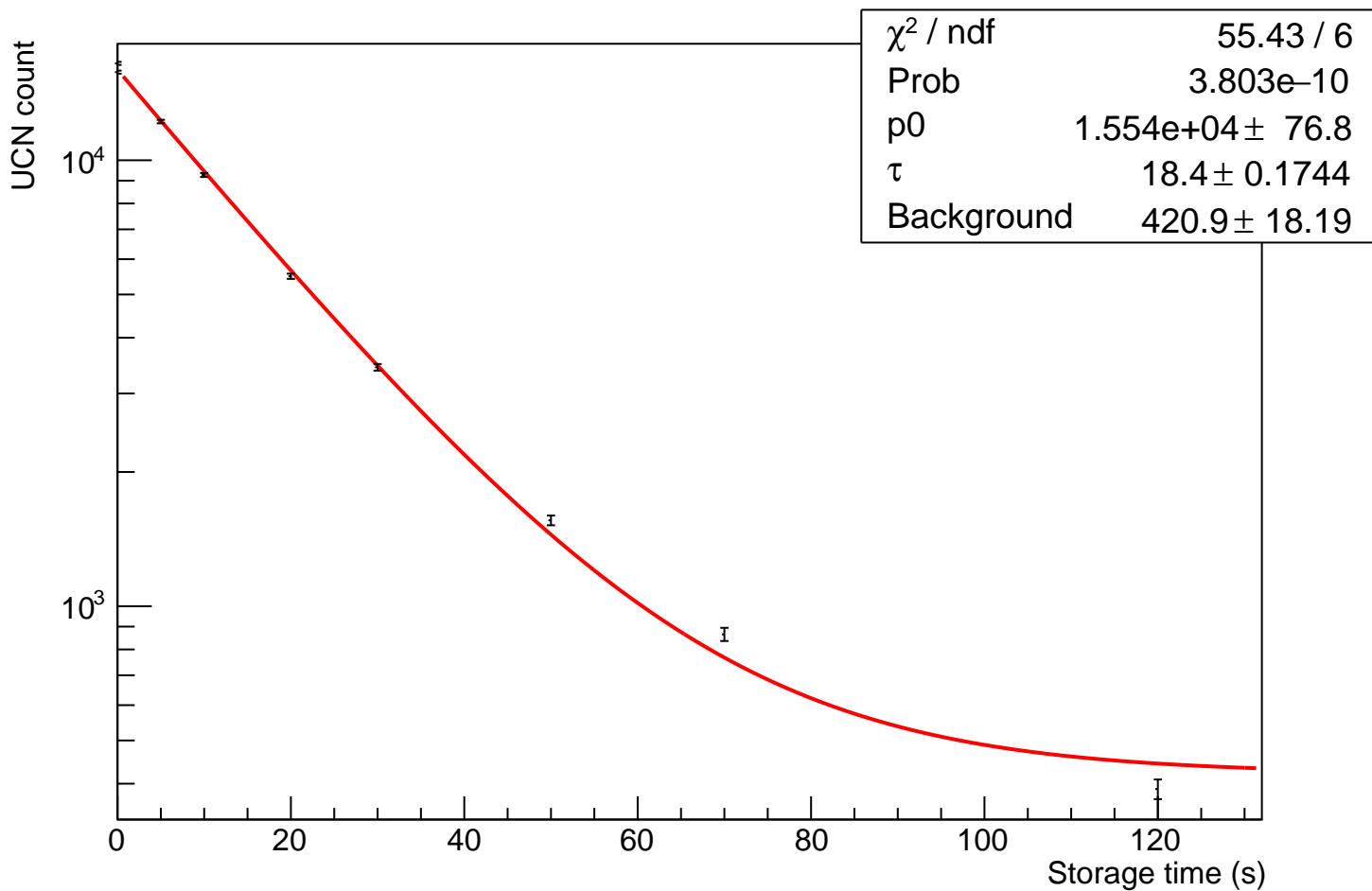


TCN18-092 (double exponential fit, with background subtracted, normalized to monitor detector)

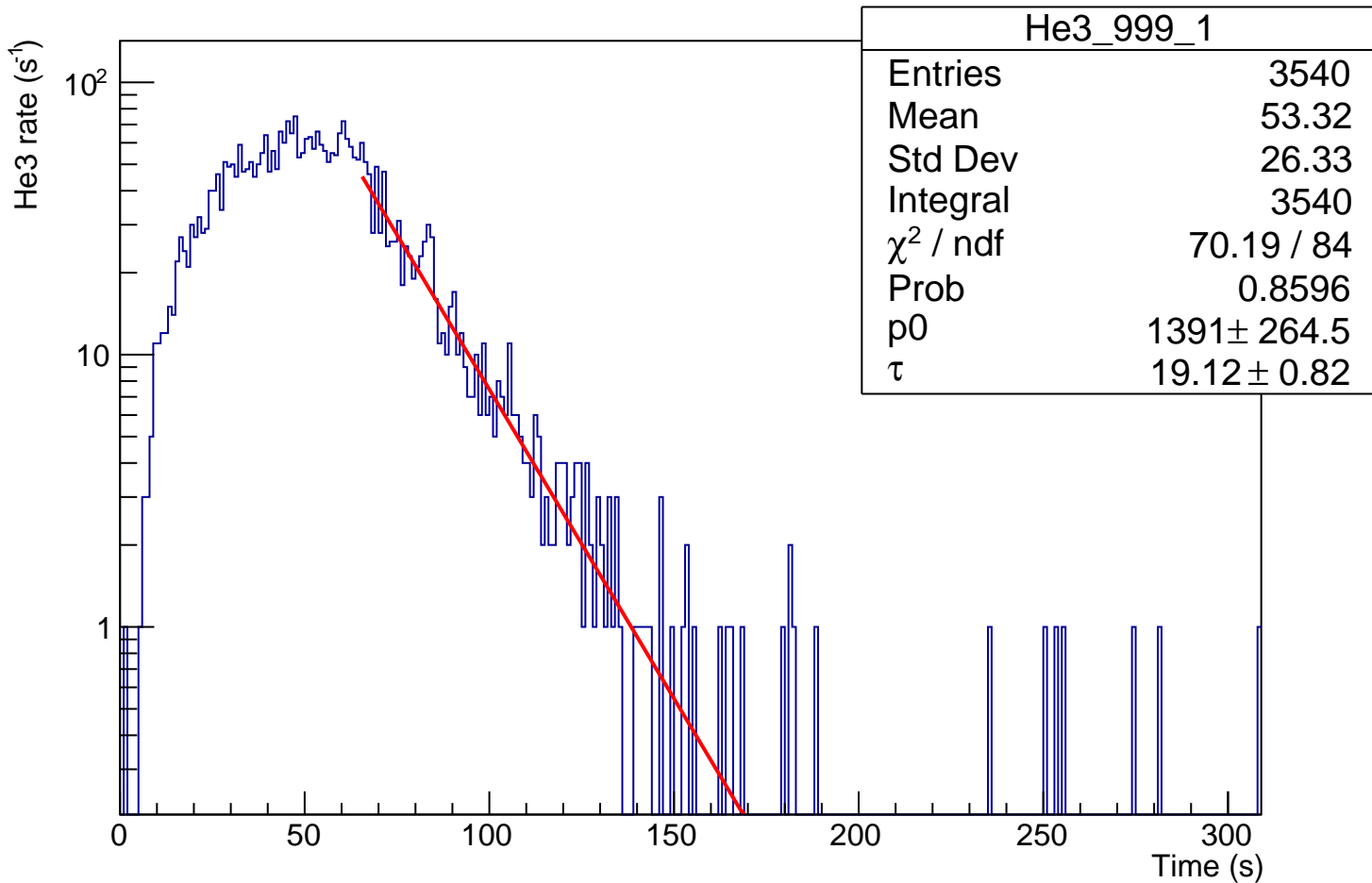
UCN-count-to-monitor ratio



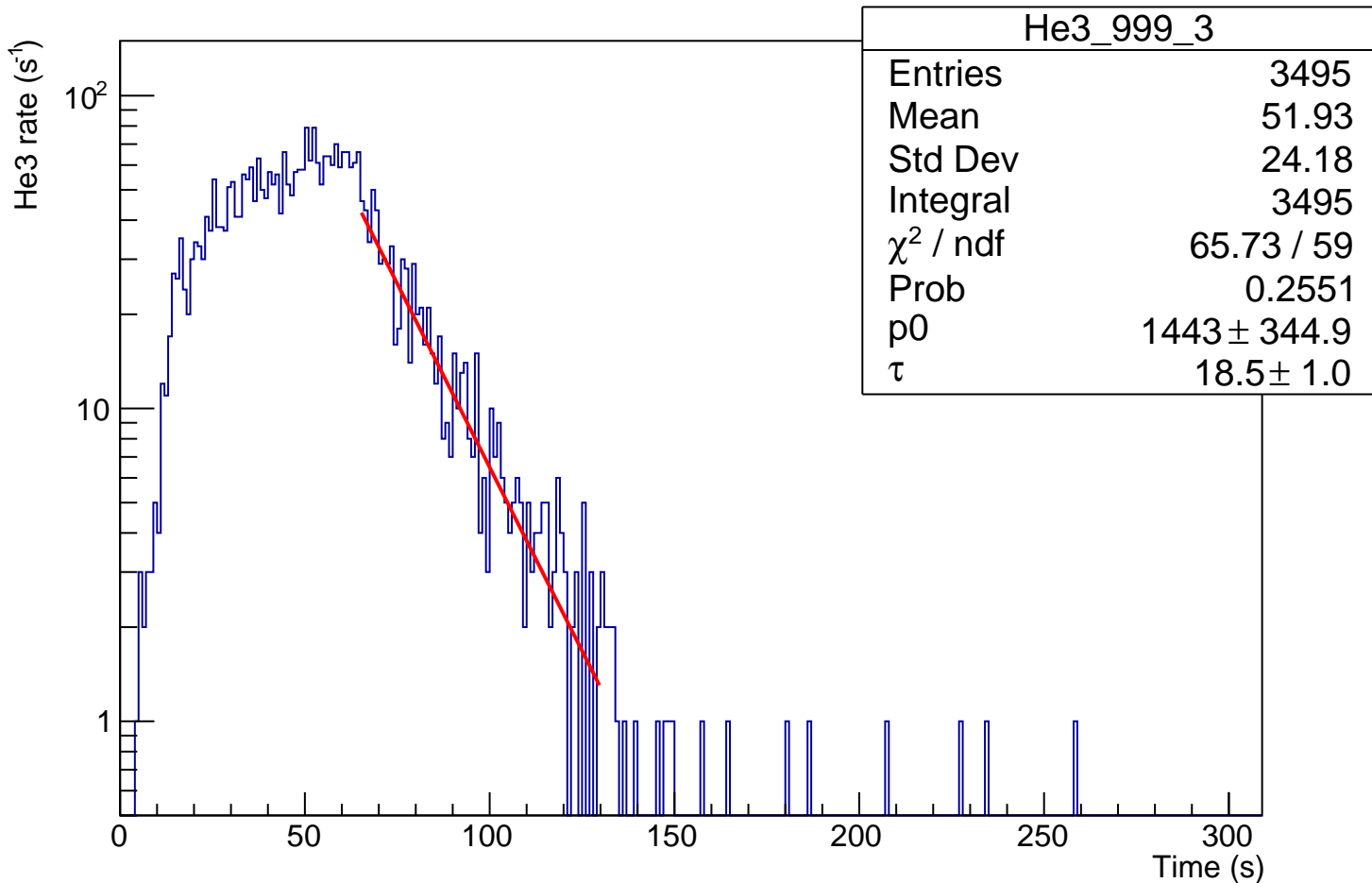
TCN18-092 (single exponential fit + background, unnormalized)



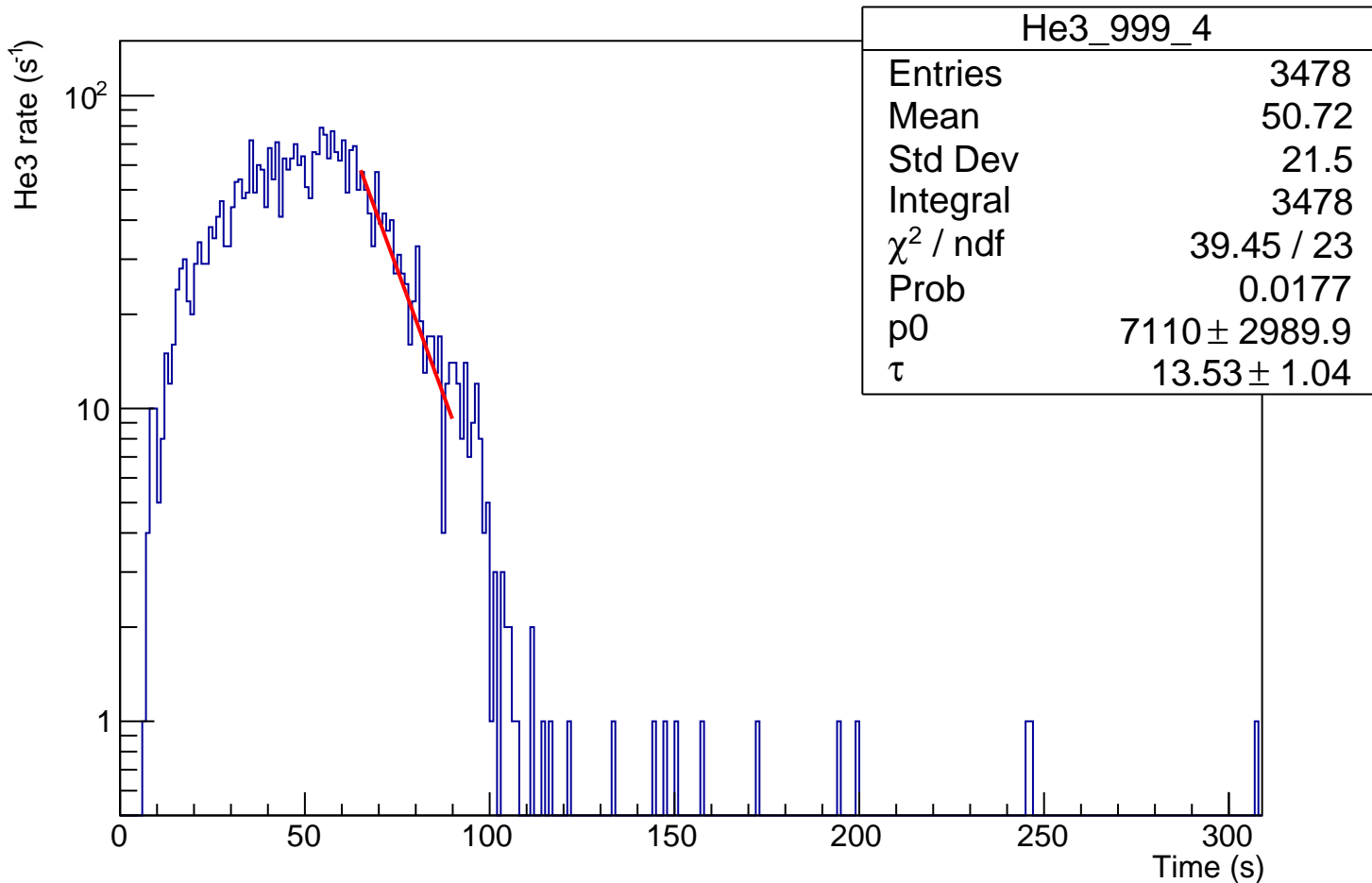
He3 detector rate



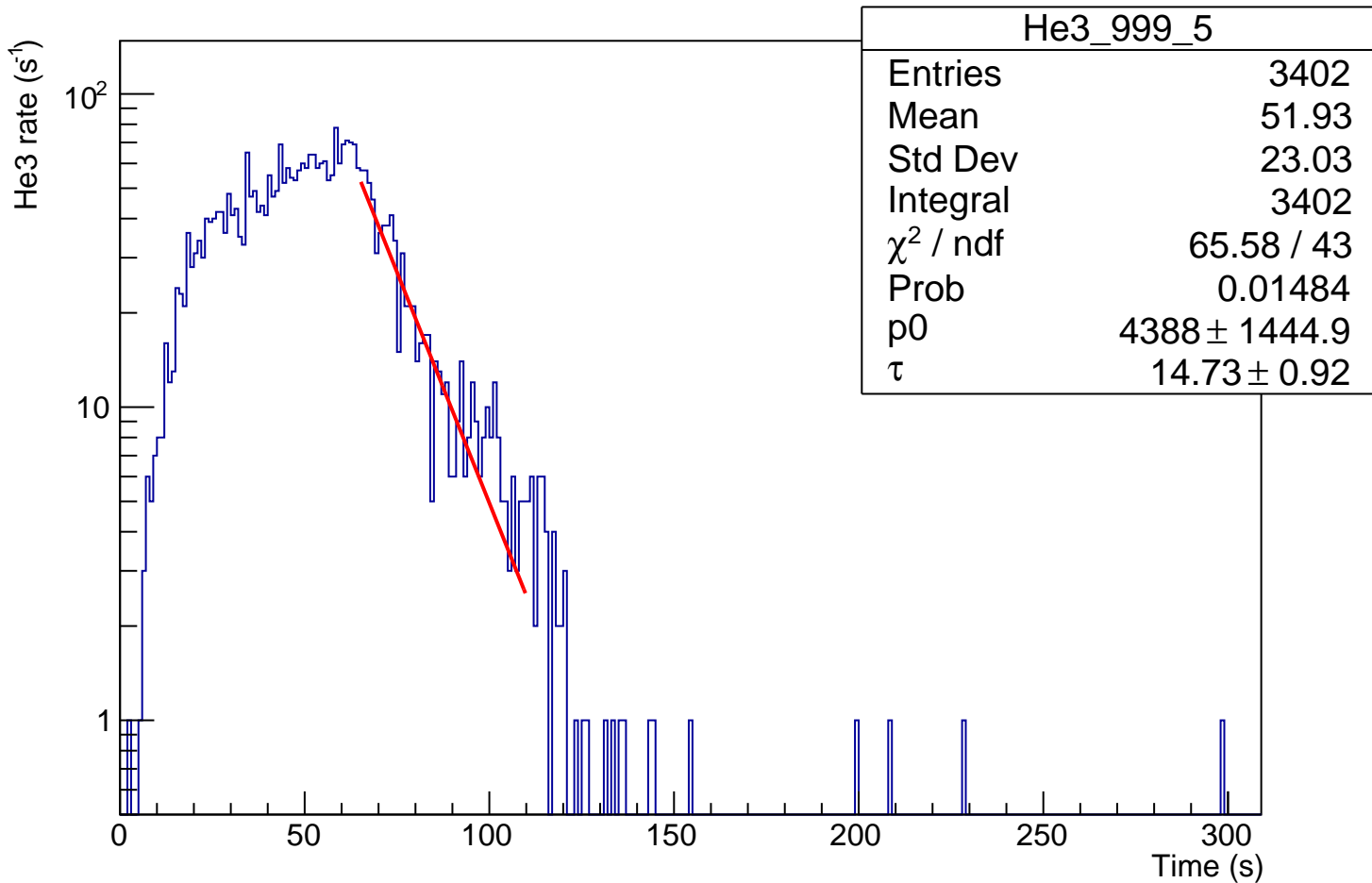
He3 detector rate



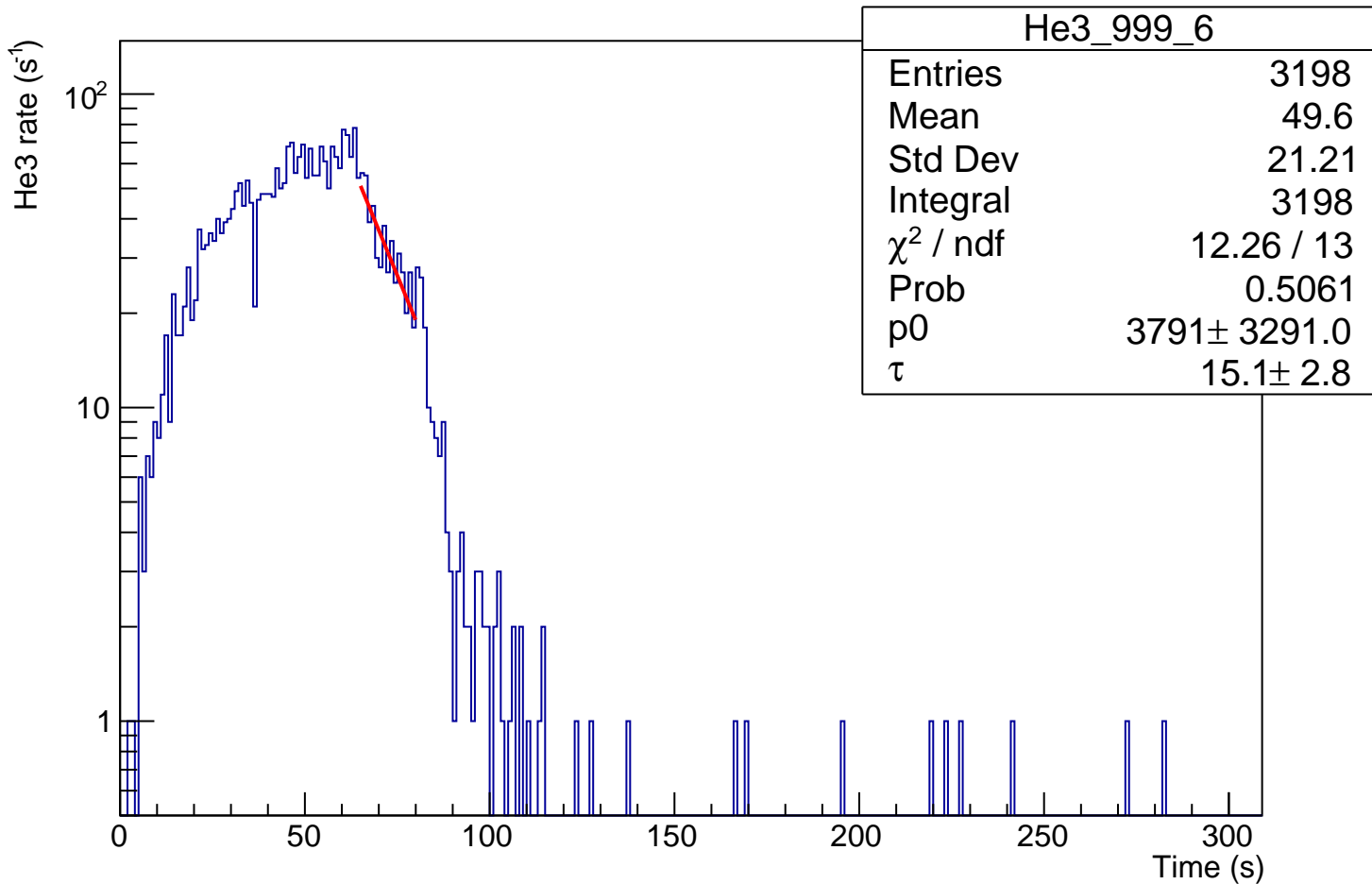
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 16.6751491377 \pm 0.0447155346776 \text{ s}$$