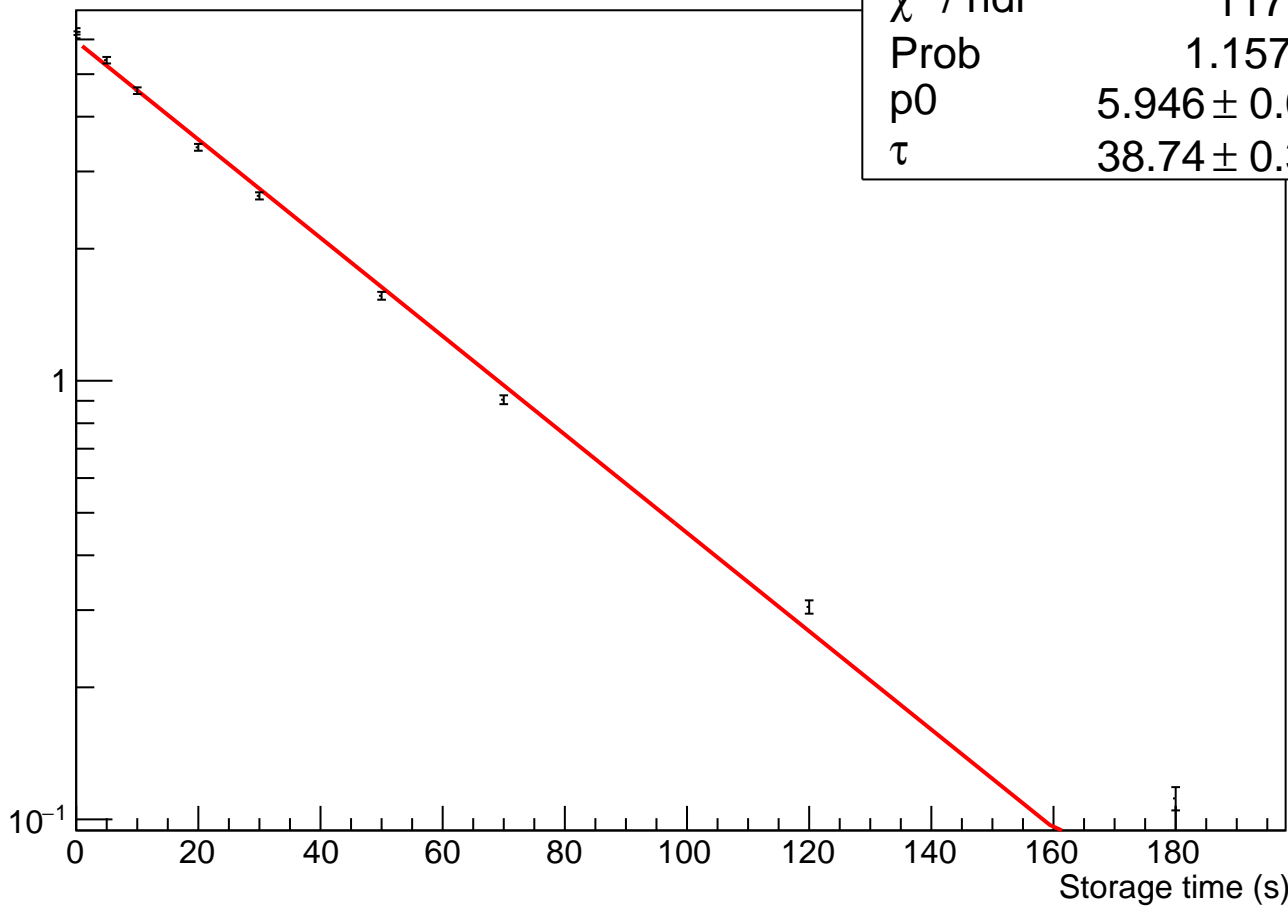


TCN18-033 (single exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio



χ^2 / ndf

117.4 / 8

Prob

1.157e-21

p0

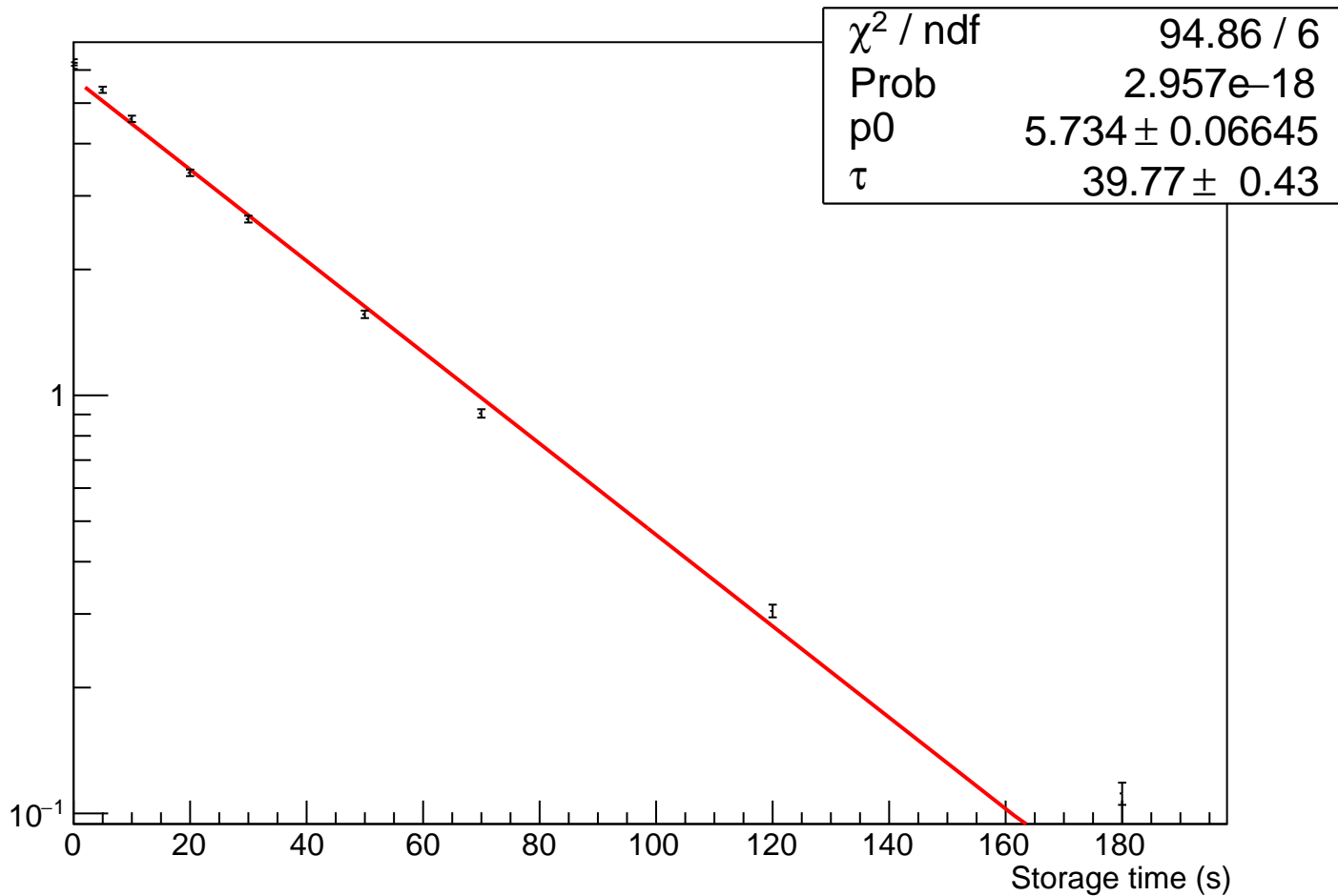
5.946 ± 0.0502

τ

38.74 ± 0.3605

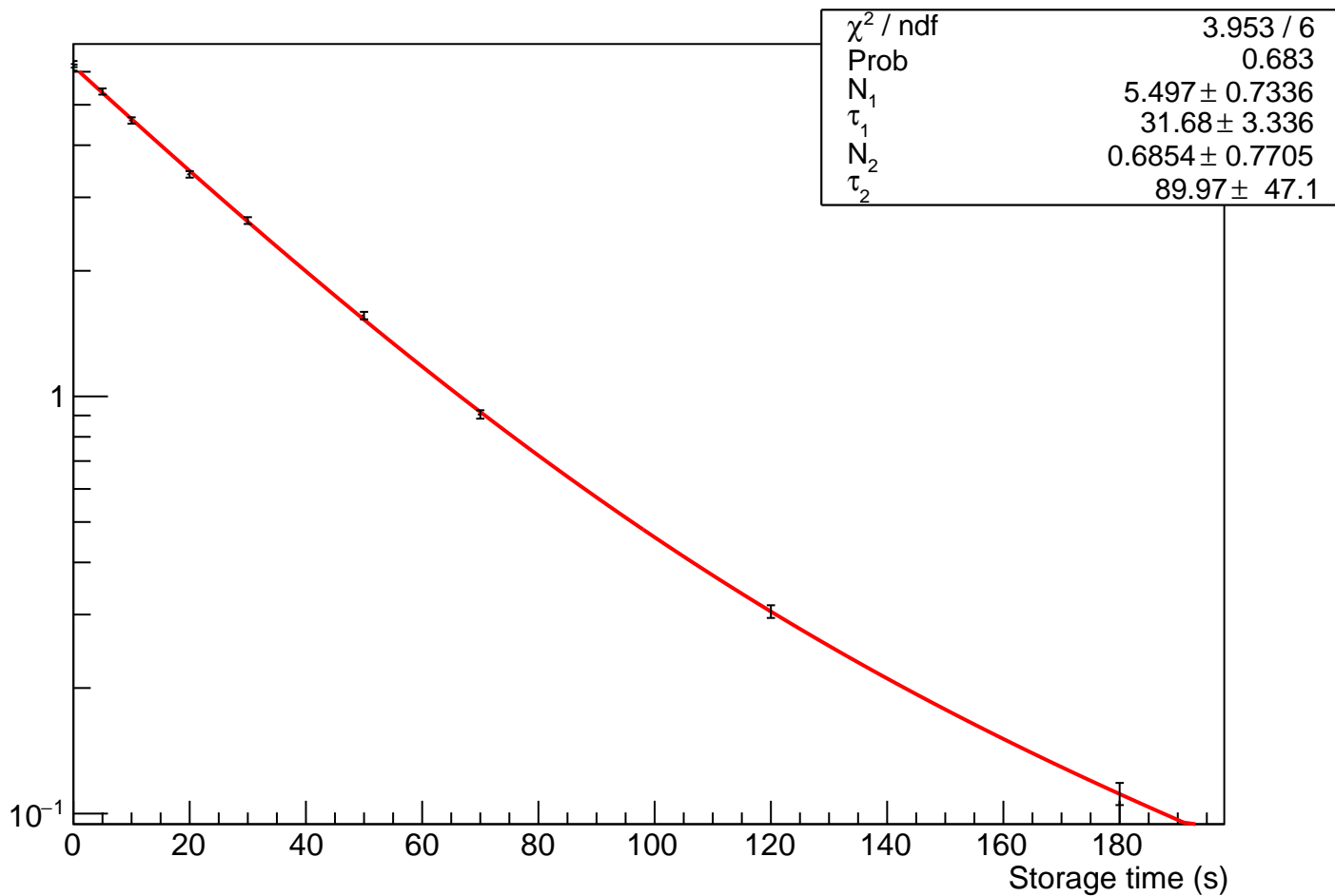
Storage time (s)

UCN-count-to-monitor ratio

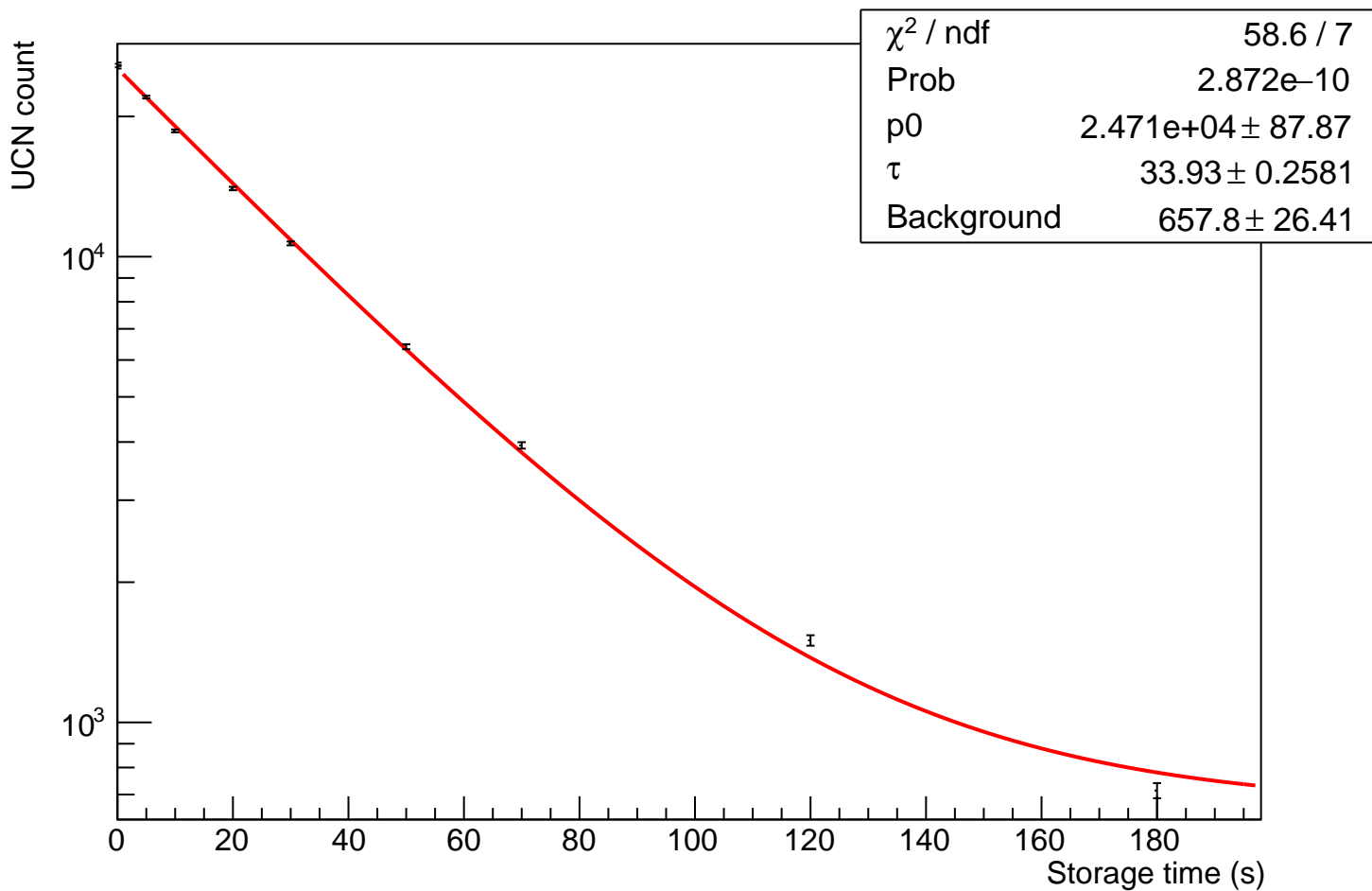


TCN18-033 (double exponential fit, with background subtracted, normalized to monitor detector)

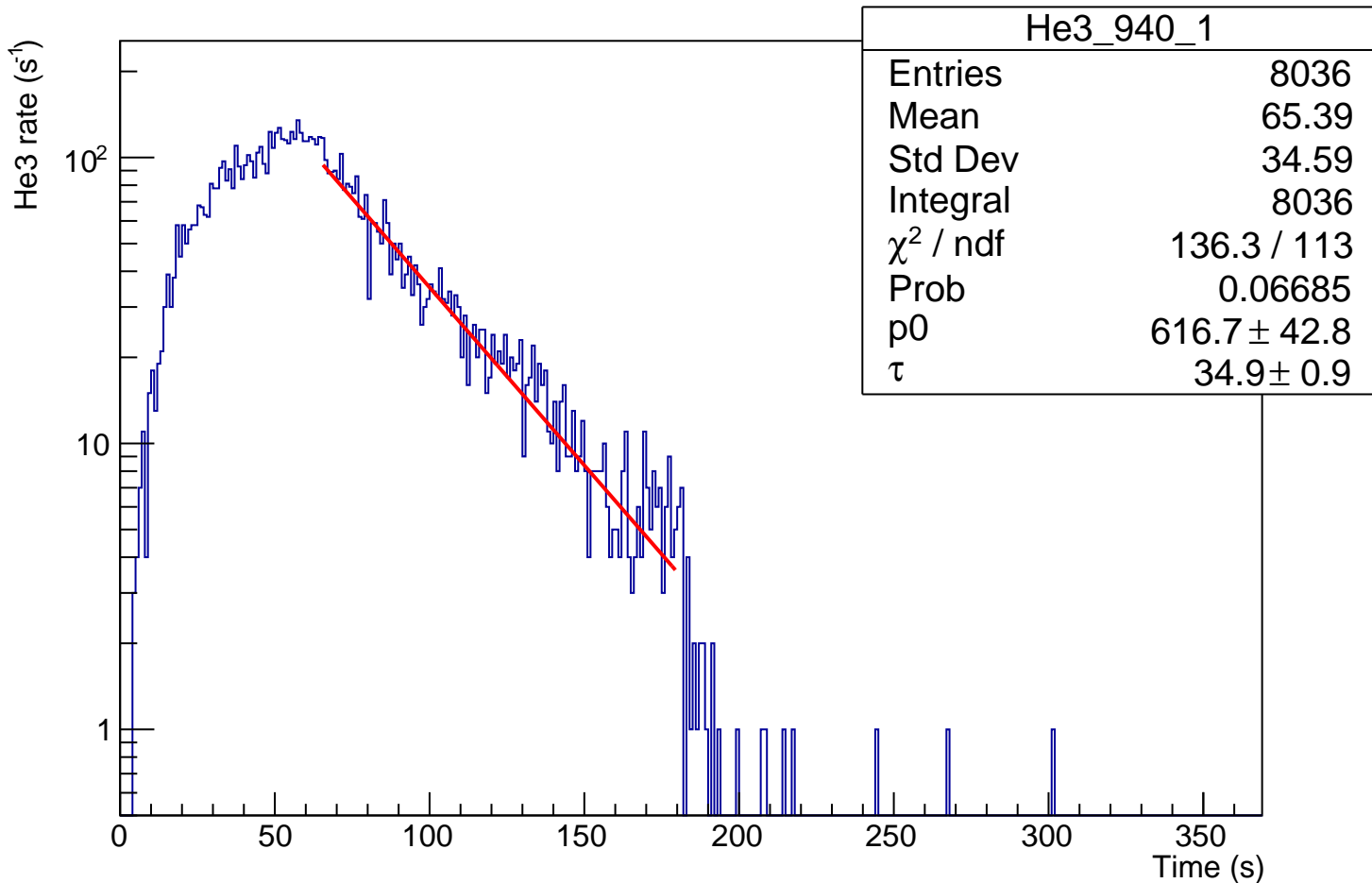
UCN-count-to-monitor ratio



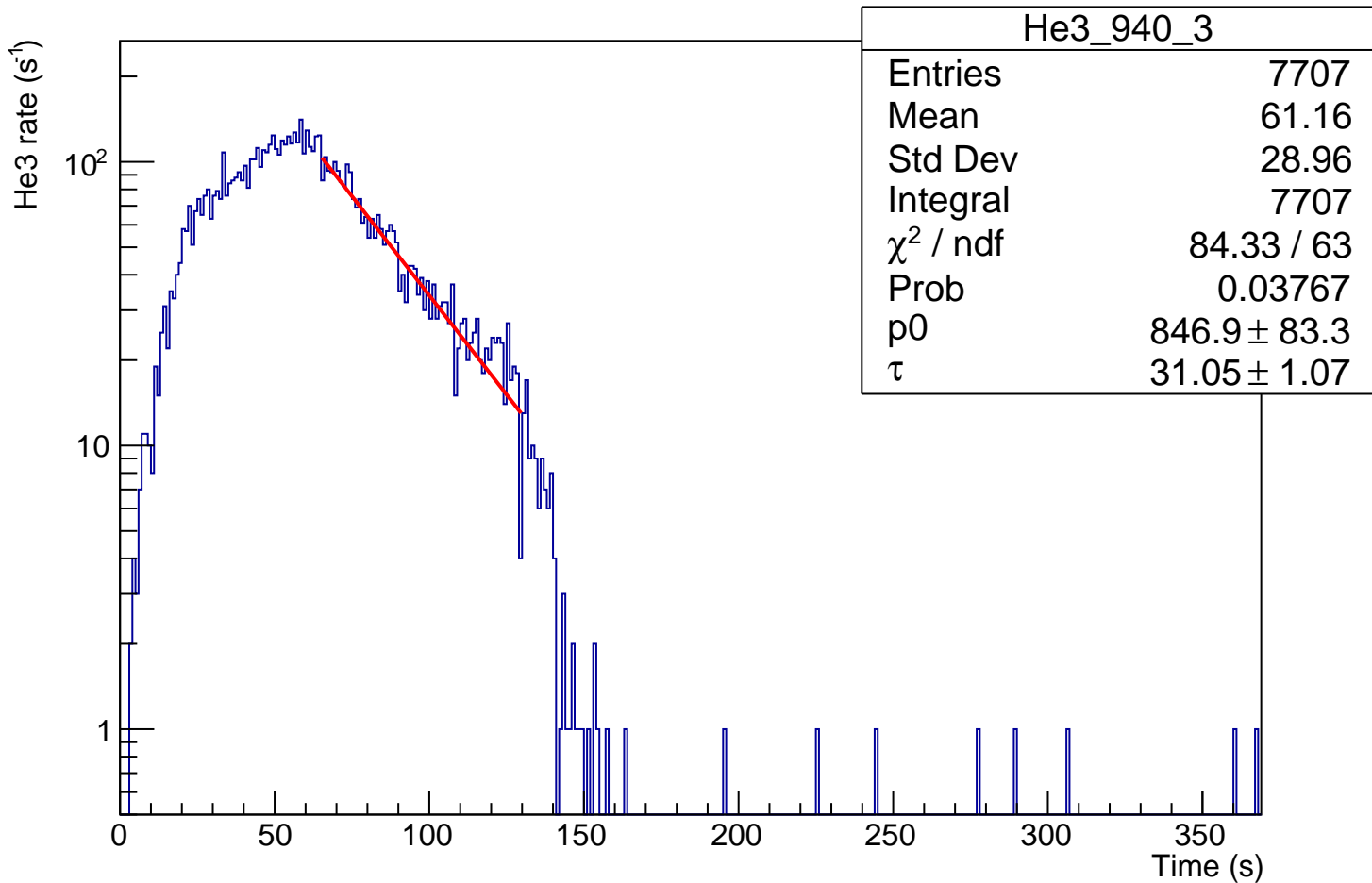
TCN18-033 (single exponential fit + background, unnormalized)



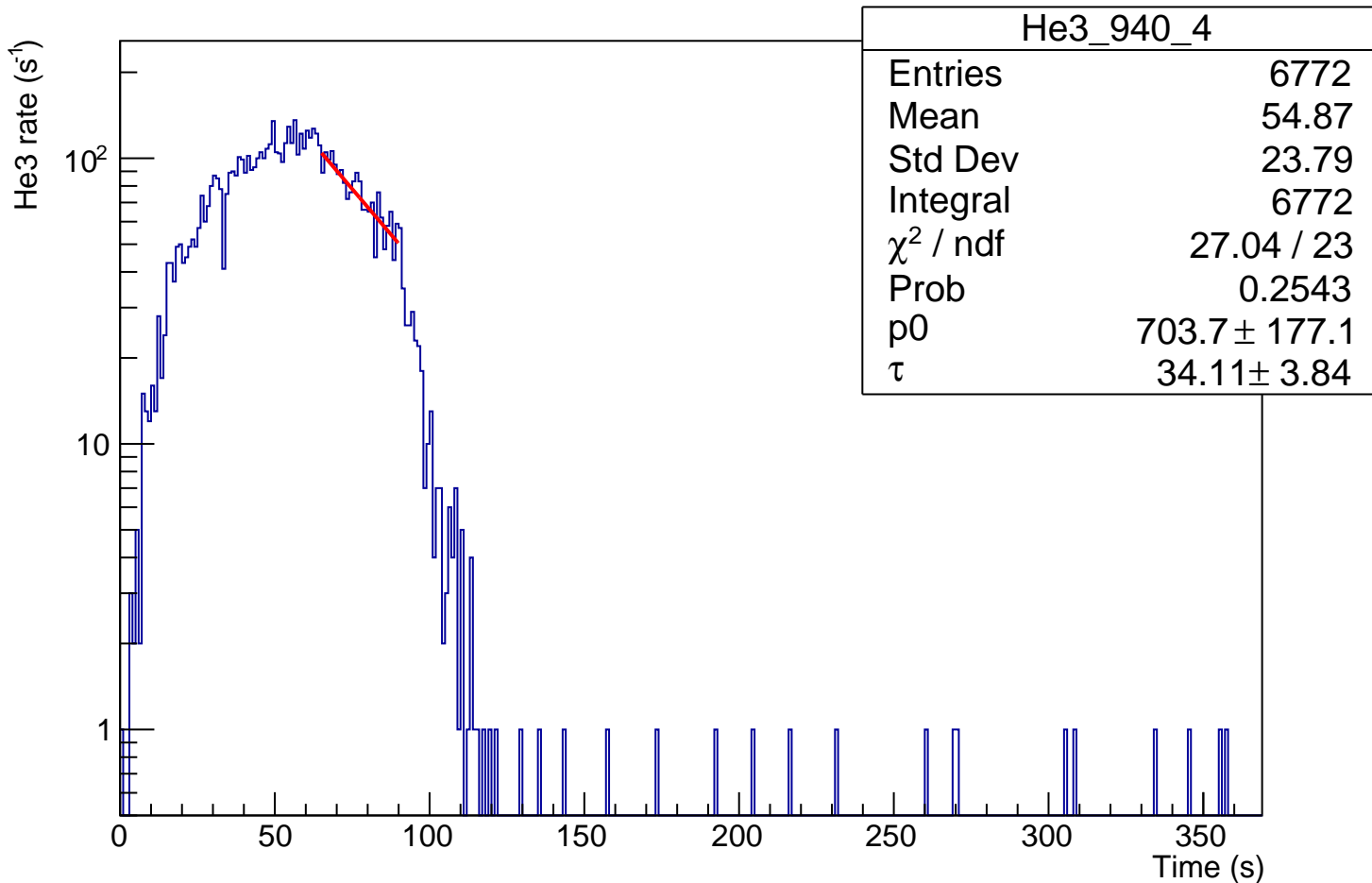
He3 detector rate



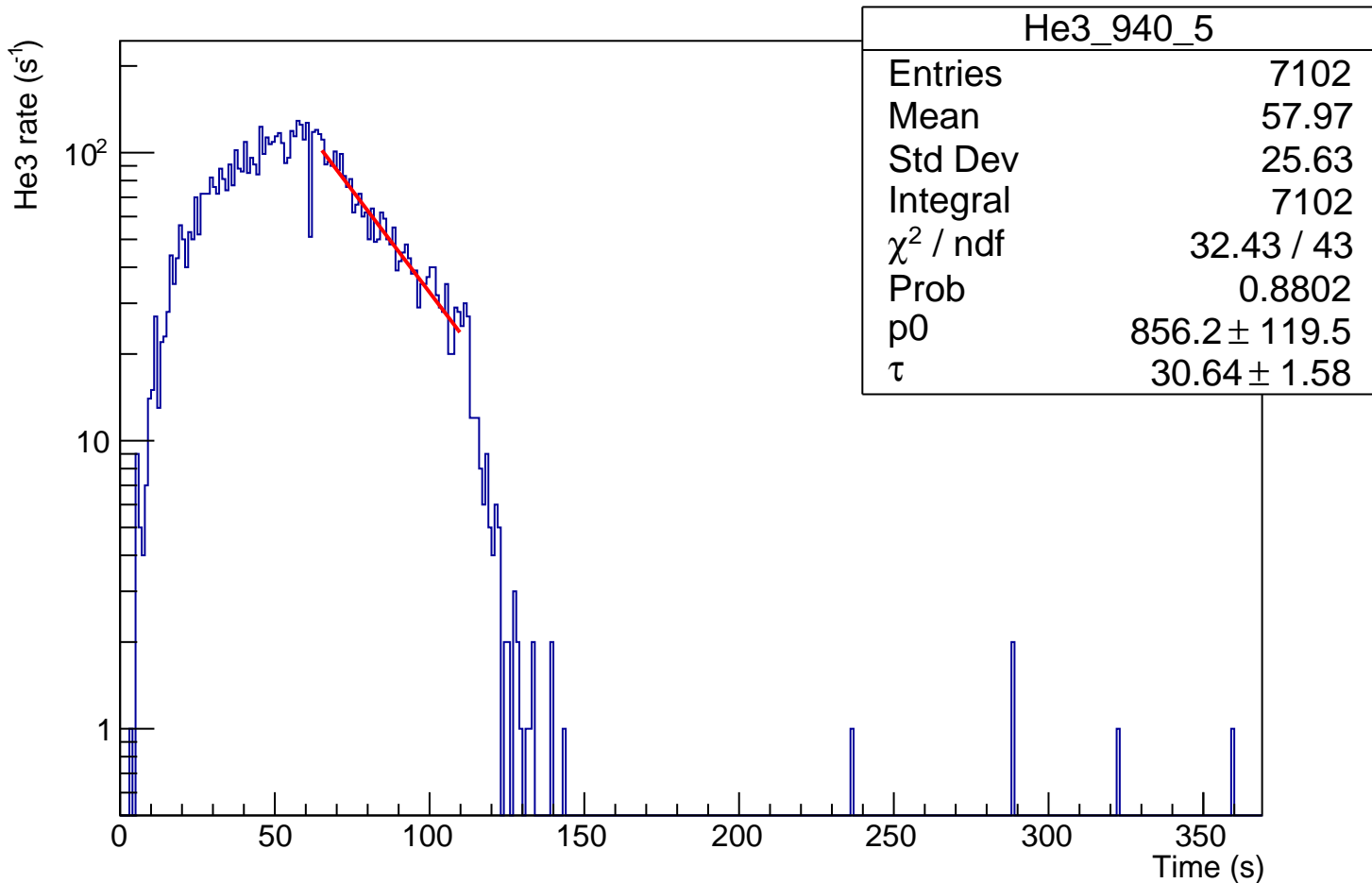
He3 detector rate



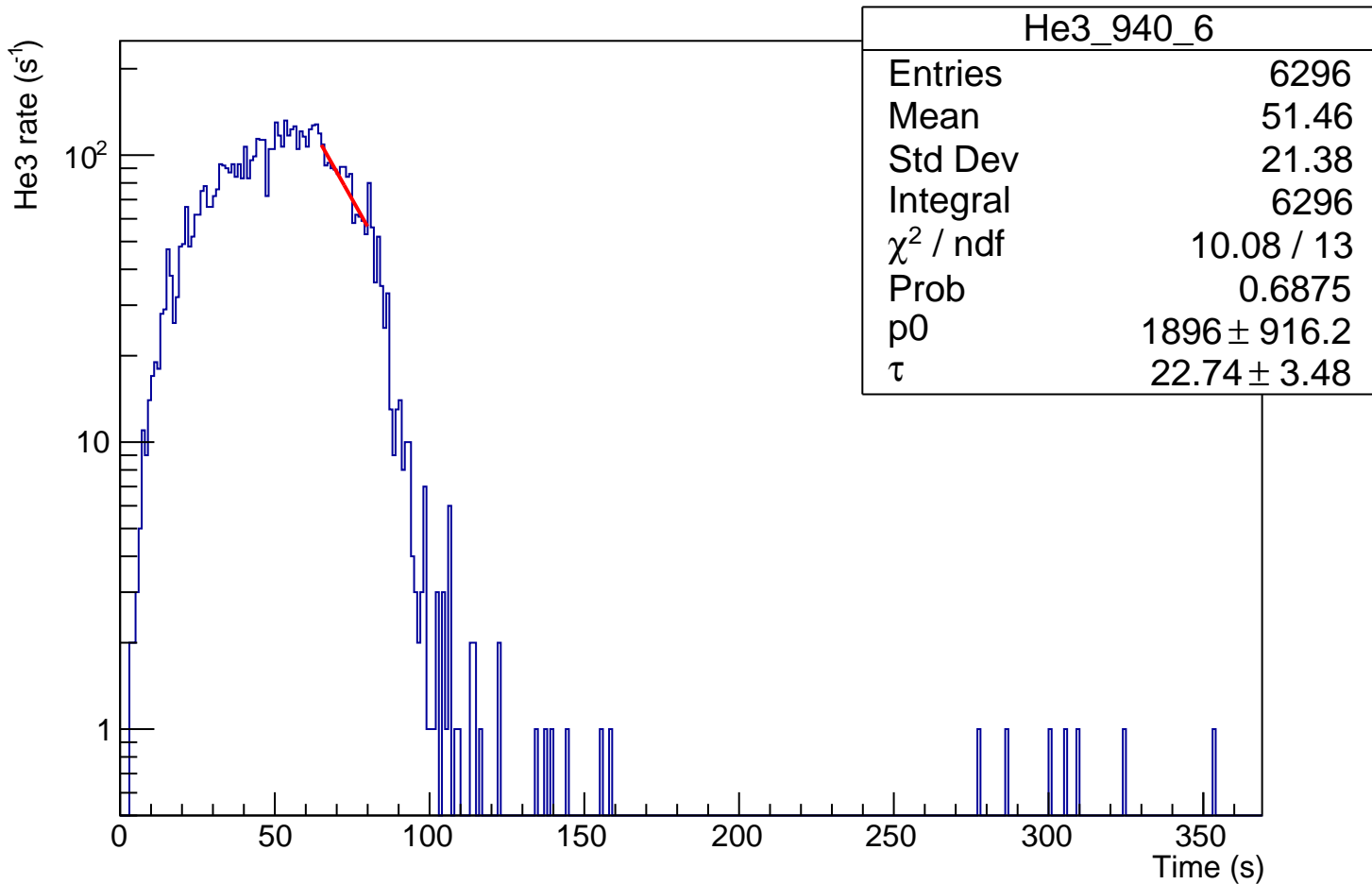
He3 detector rate



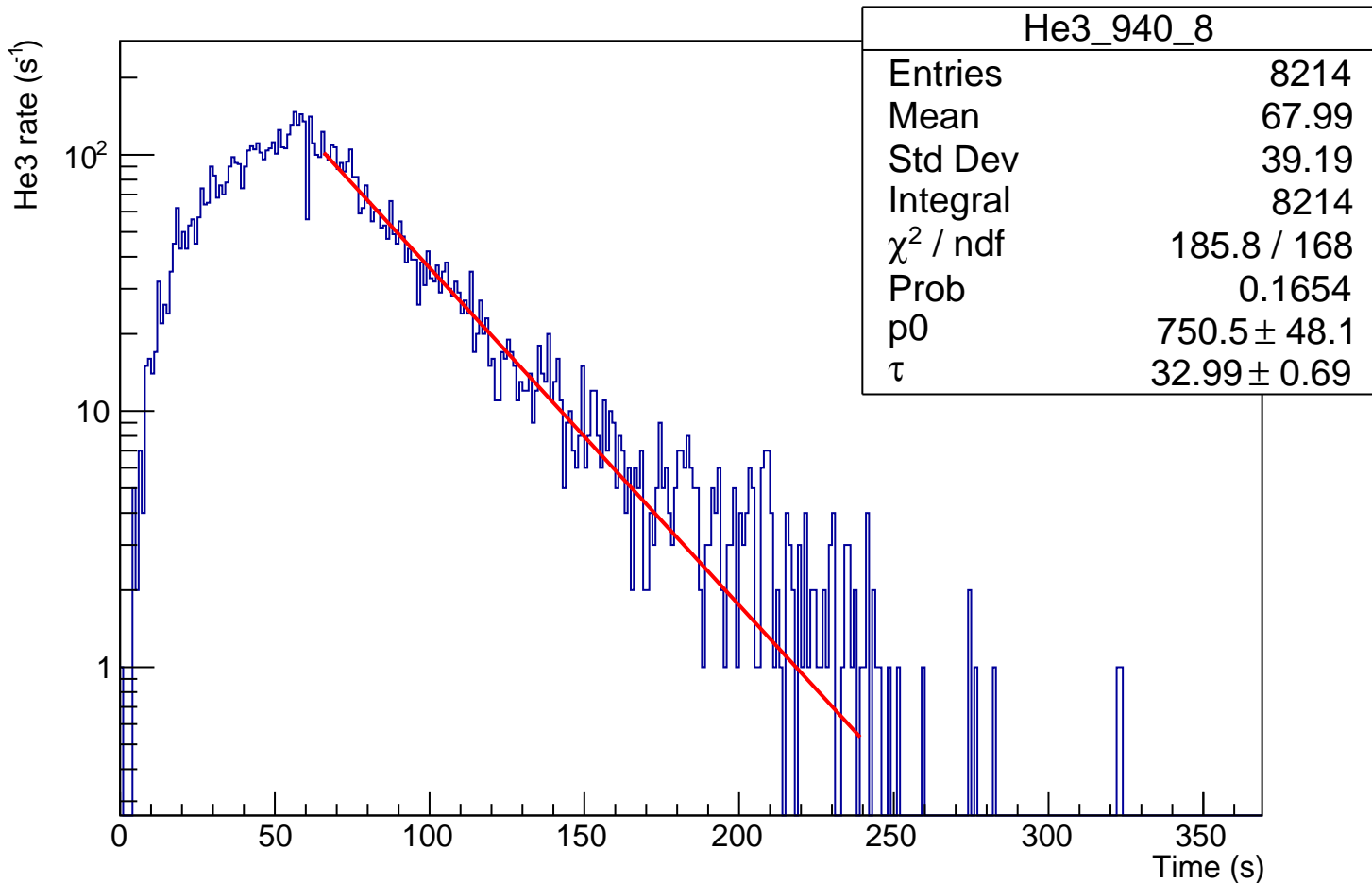
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 32.8271772719 \pm 0.0421716373395 \text{ s}$$