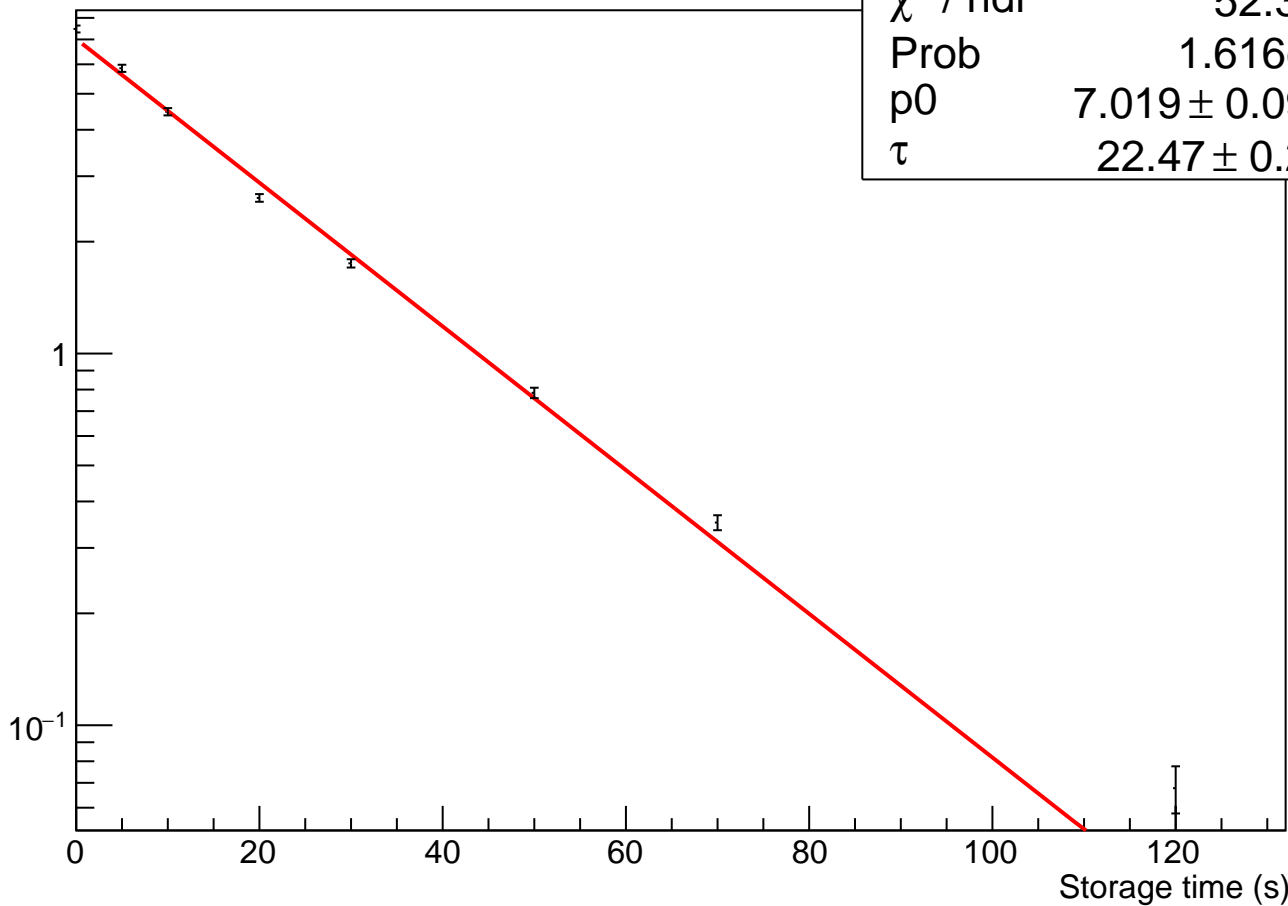


TCN18-482 (single exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio



χ^2 / ndf

52.31 / 6

Prob

1.616e-09

p0

7.019 ± 0.09856

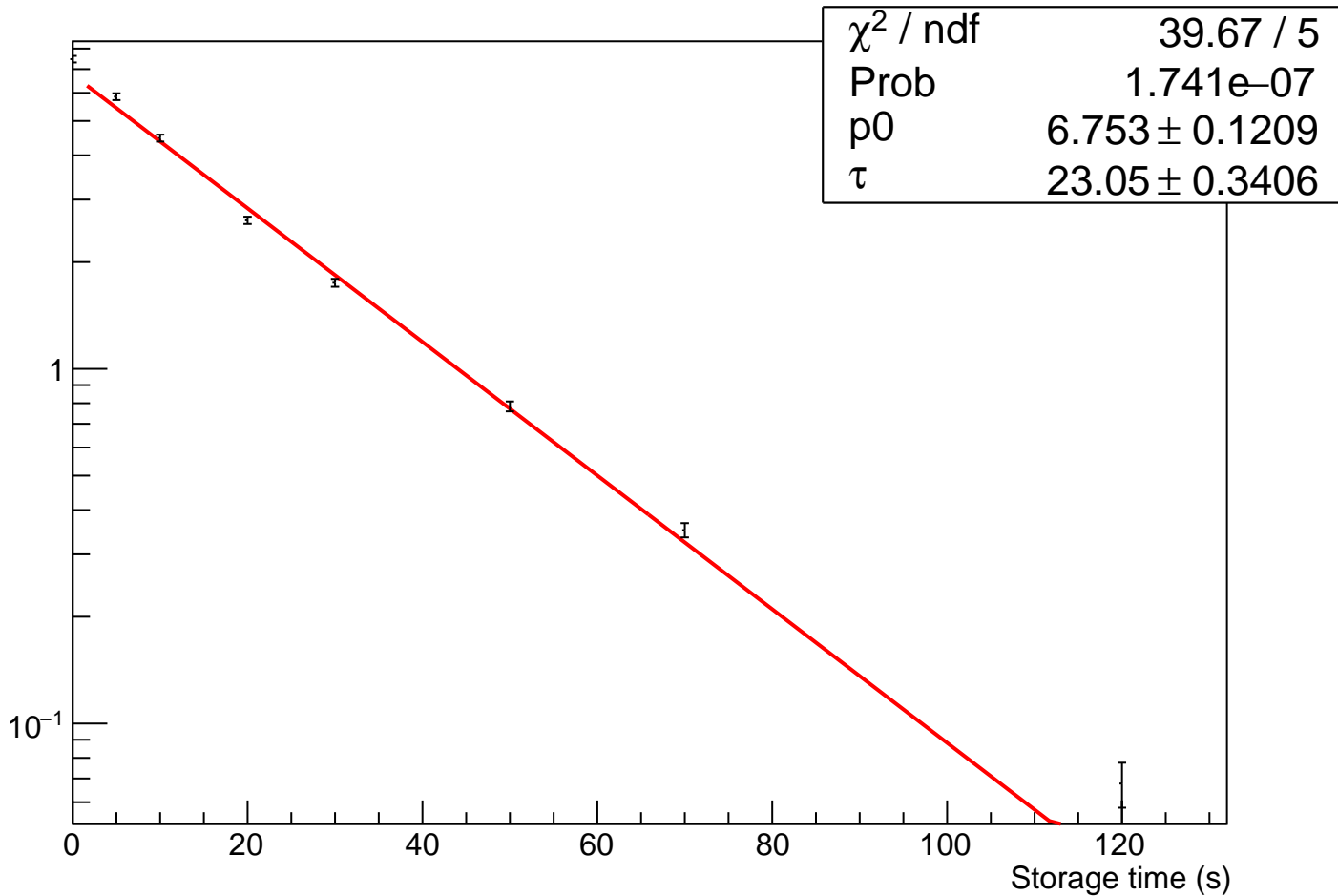
τ

22.47 ± 0.2899

Storage time (s)

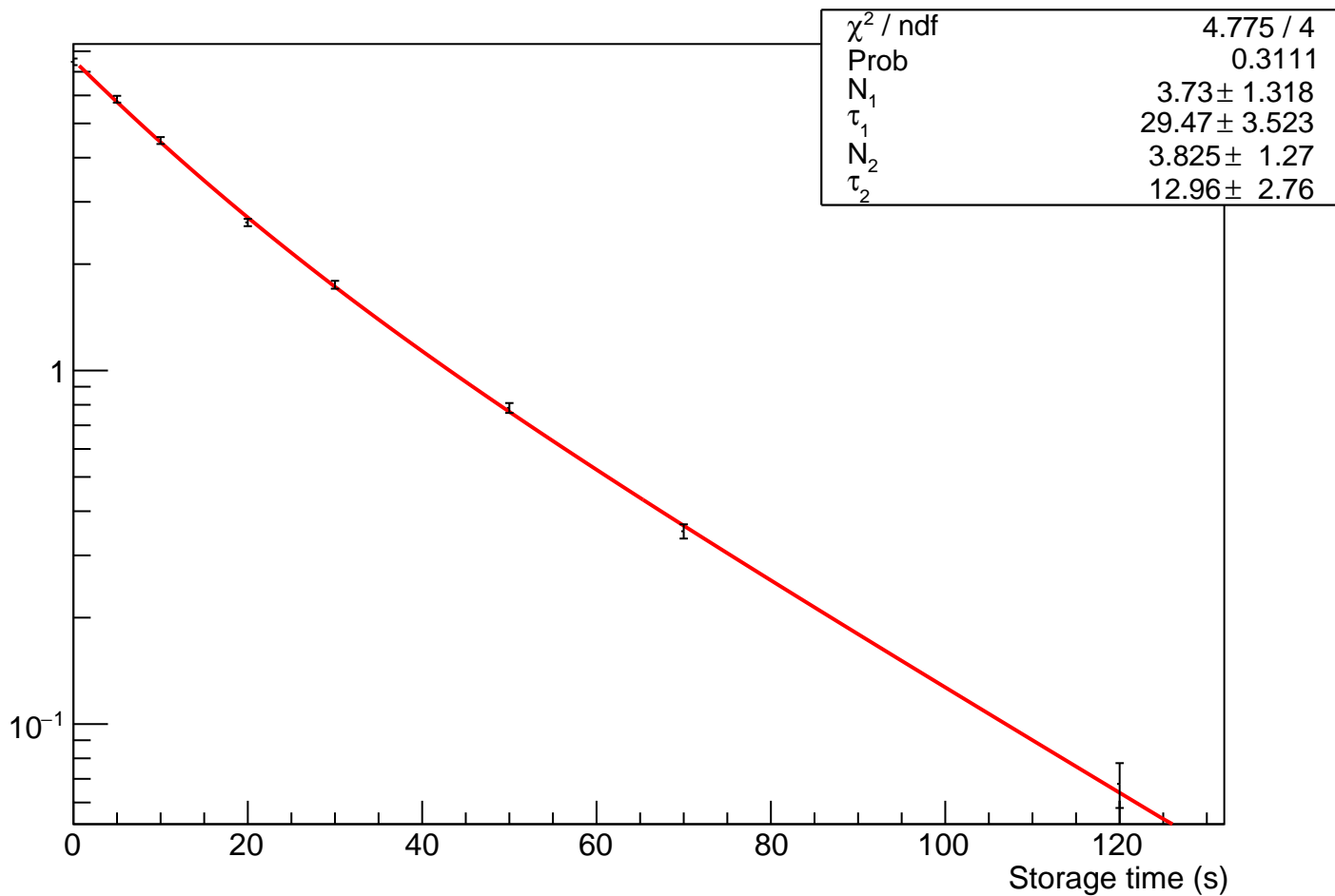
TCN18-482 (single exponential fit, with background subtracted, normalized to monitor detector, 0s excluded)

UCN-count-to-monitor ratio

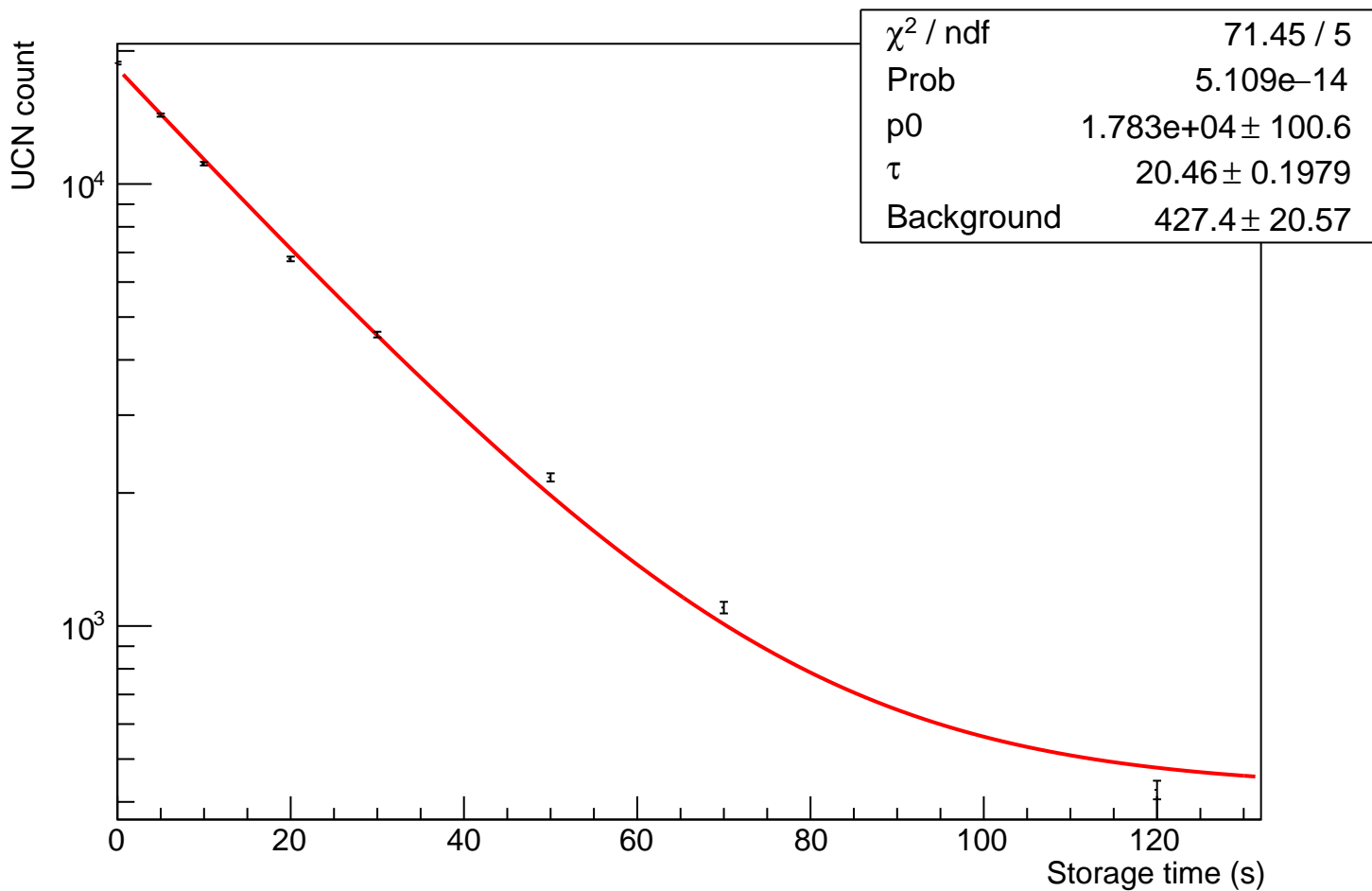


TCN18-482 (double exponential fit, with background subtracted, normalized to monitor detector)

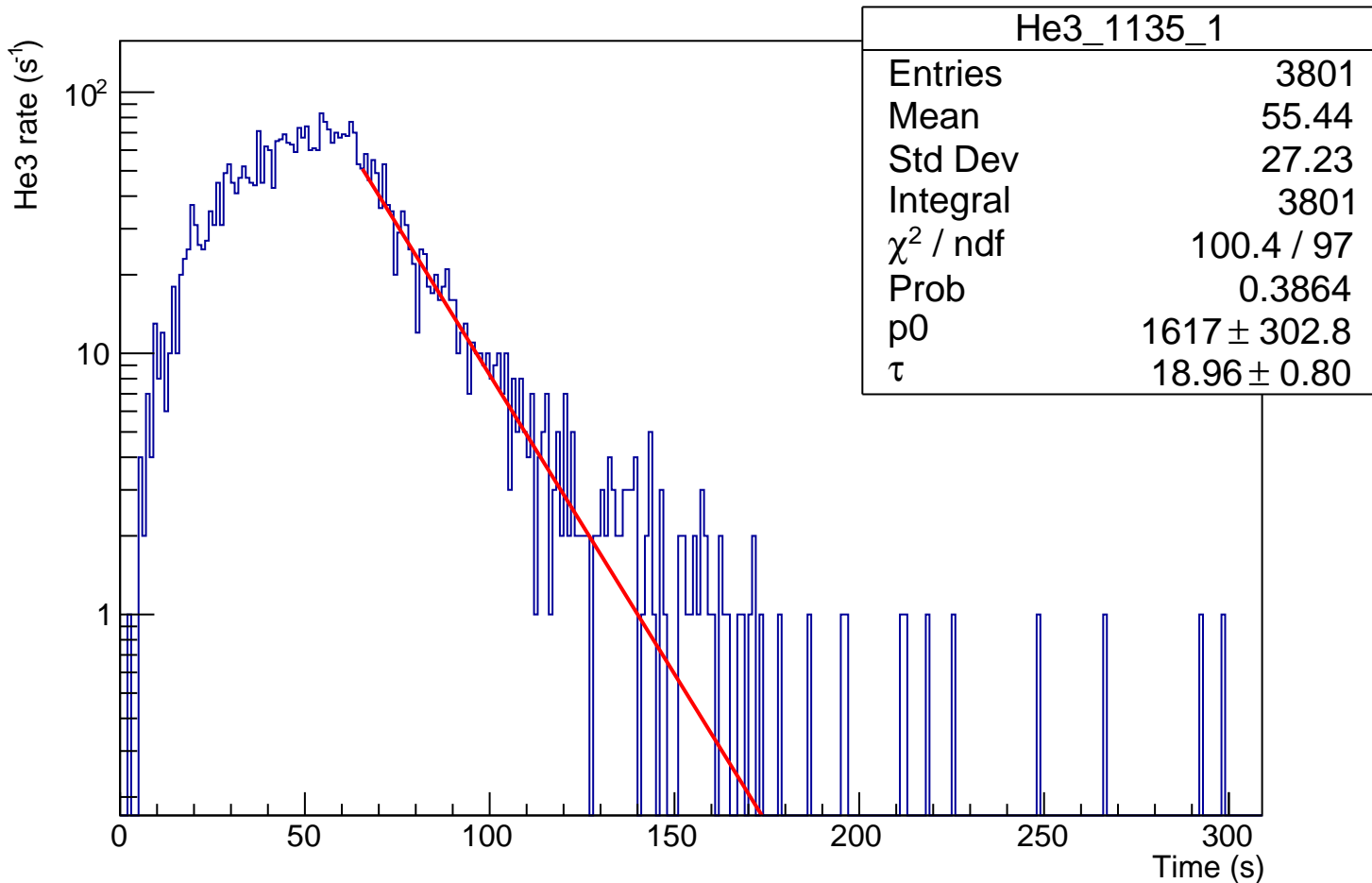
UCN-count-to-monitor ratio



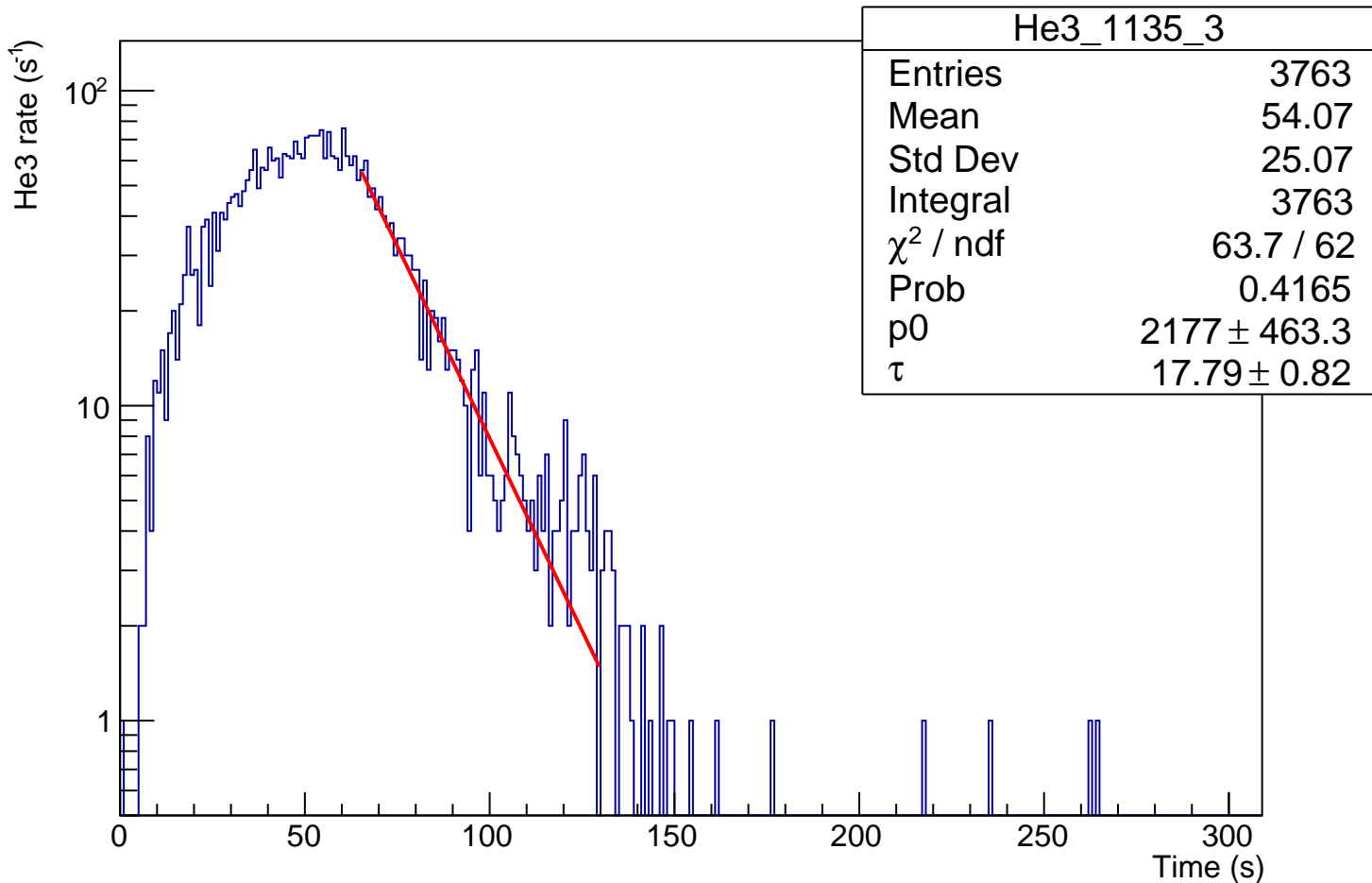
TCN18-482 (single exponential fit + background, unnormalized)



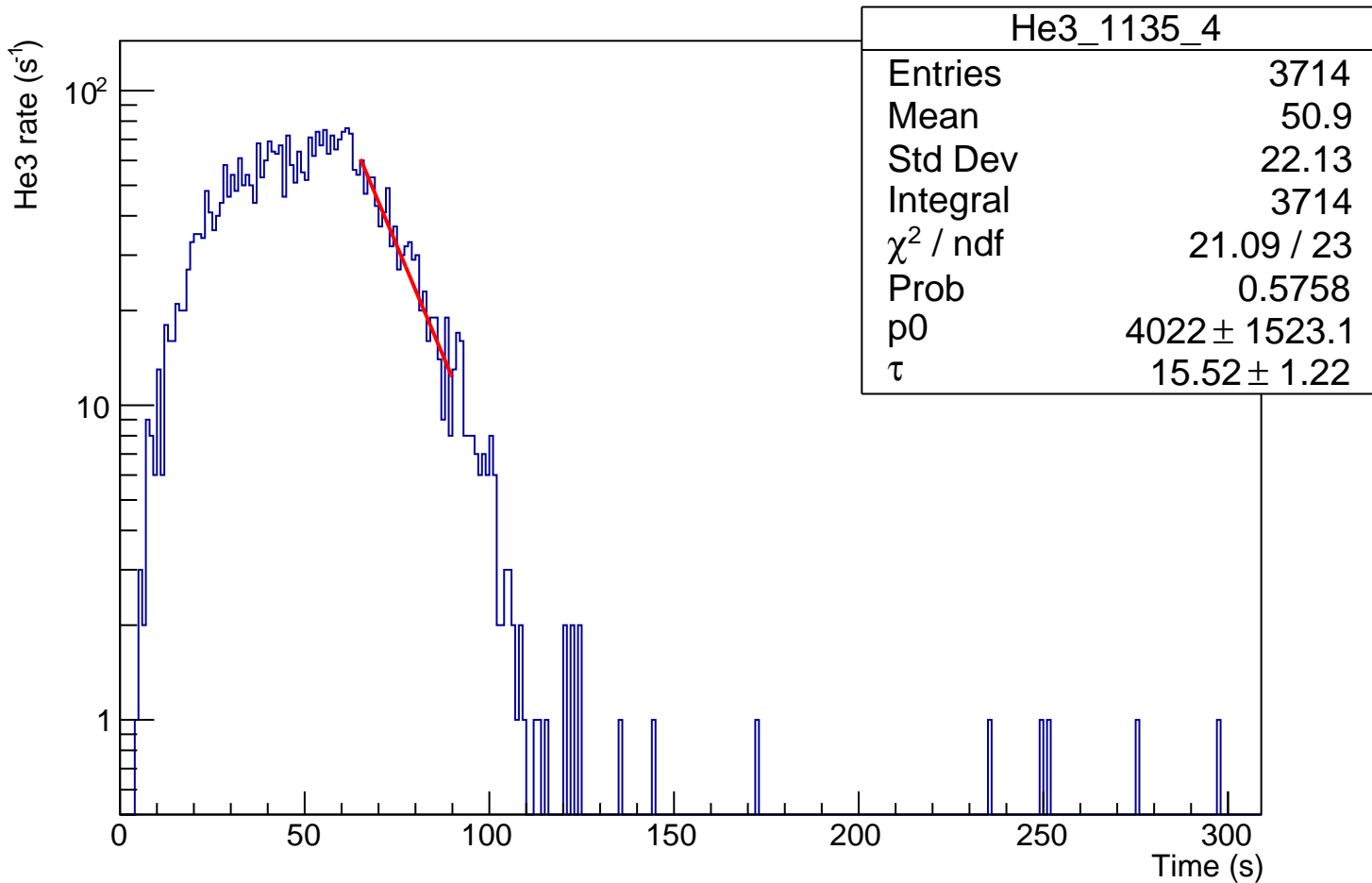
He3 detector rate



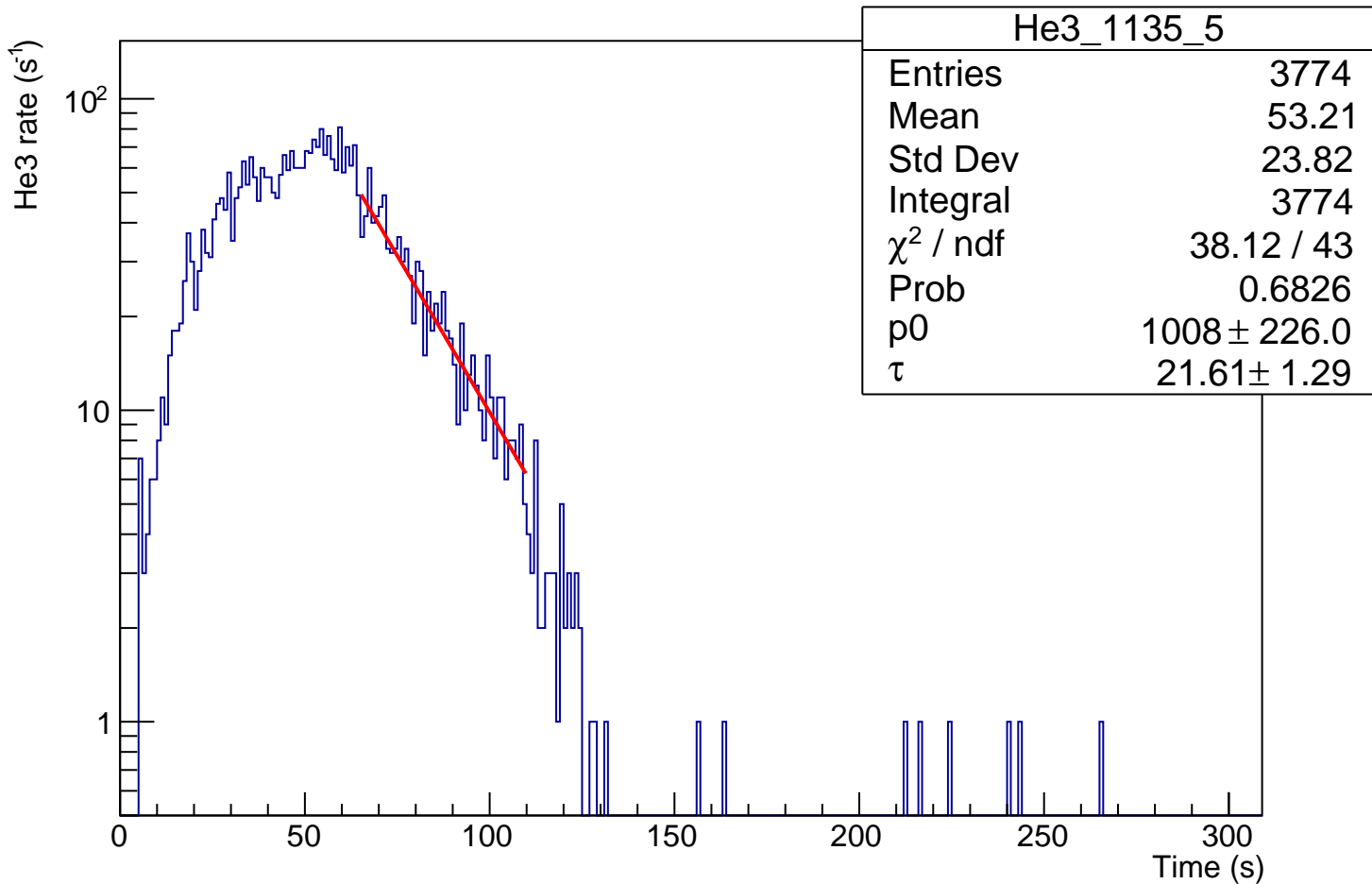
He3 detector rate



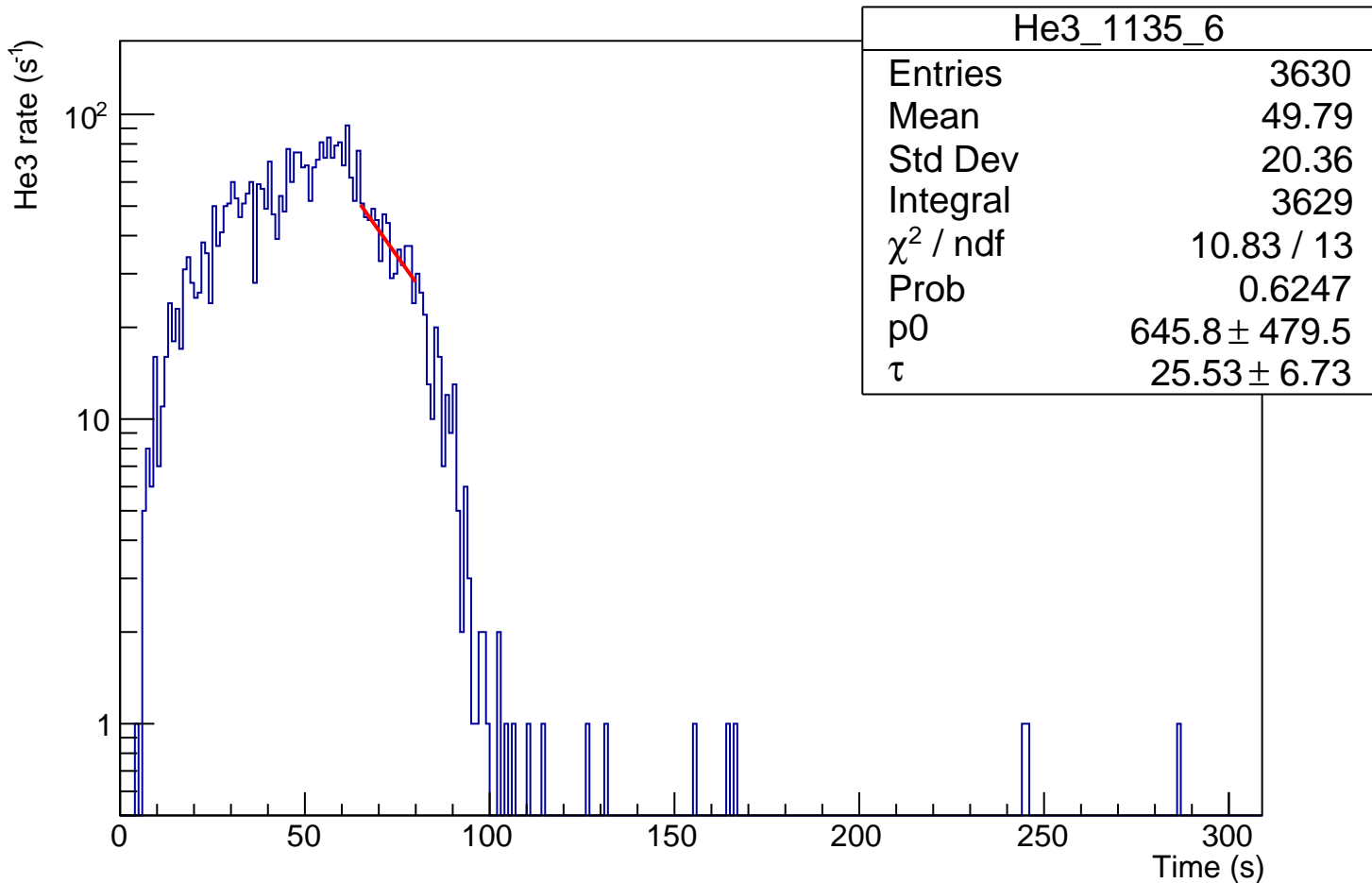
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 18.4283022765 \pm 0.0528471850056 \text{ s}$$