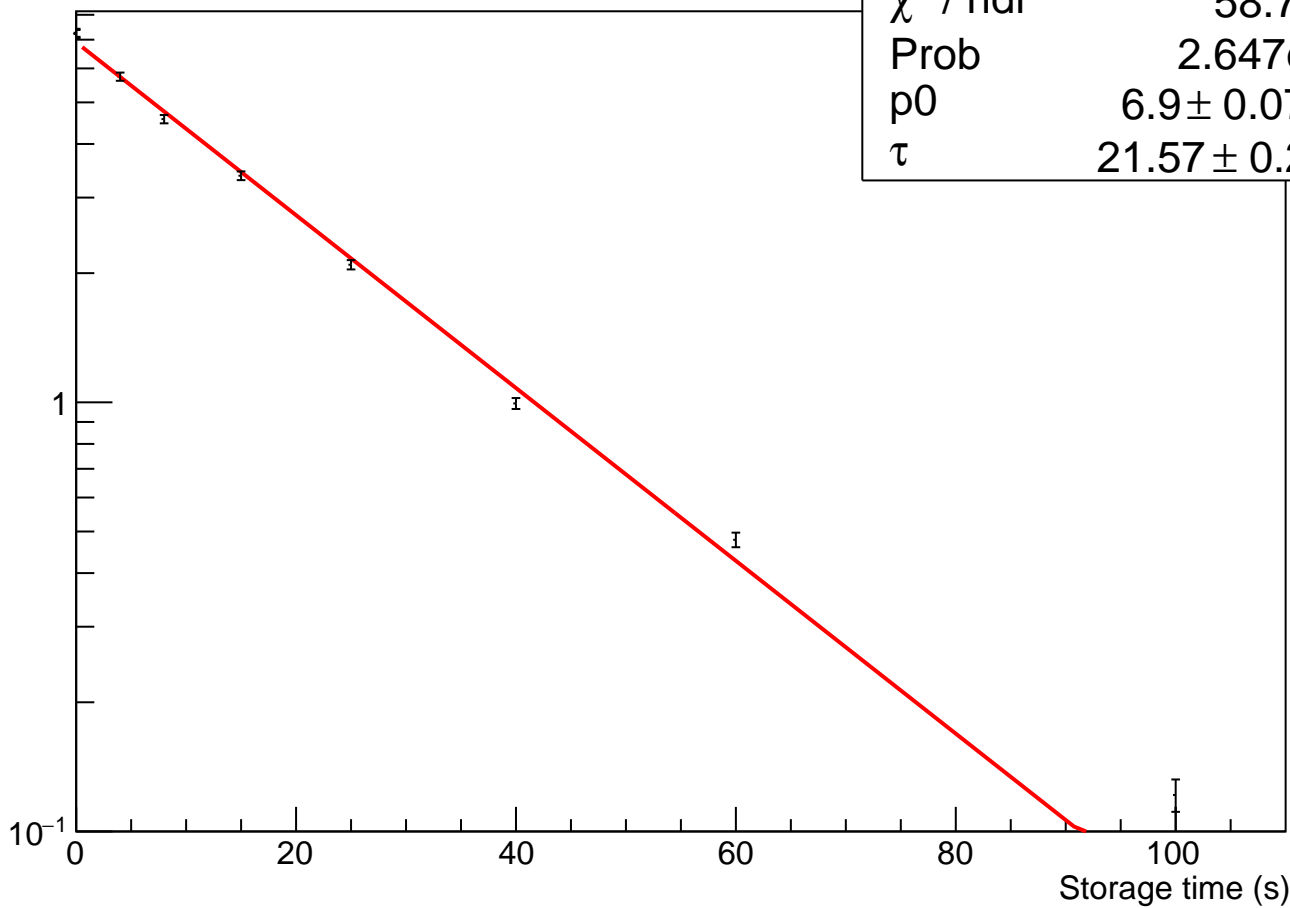


TCN18-059 (single exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio



χ^2 / ndf

58.78 / 7

Prob

2.647e-10

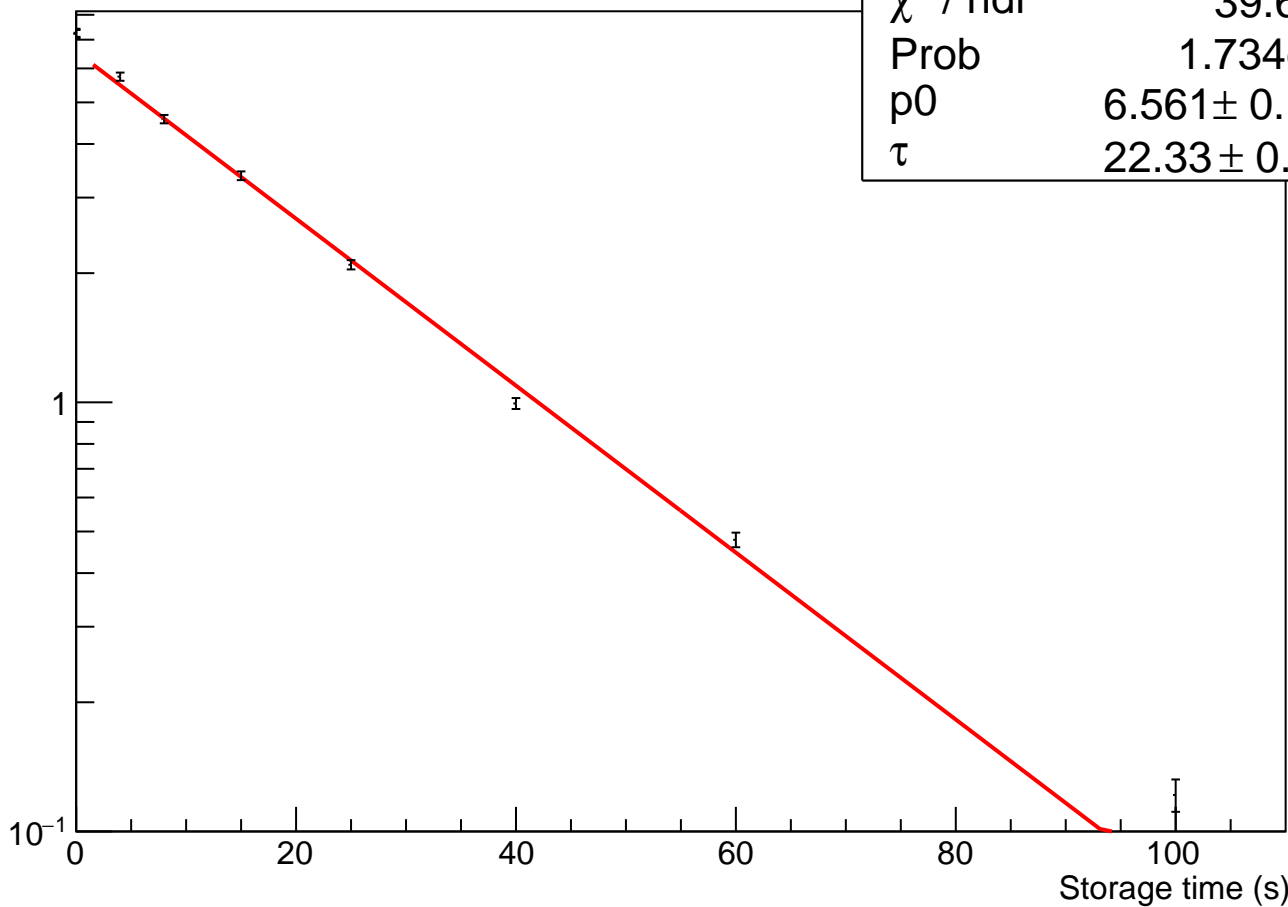
p0

6.9 ± 0.07904

τ

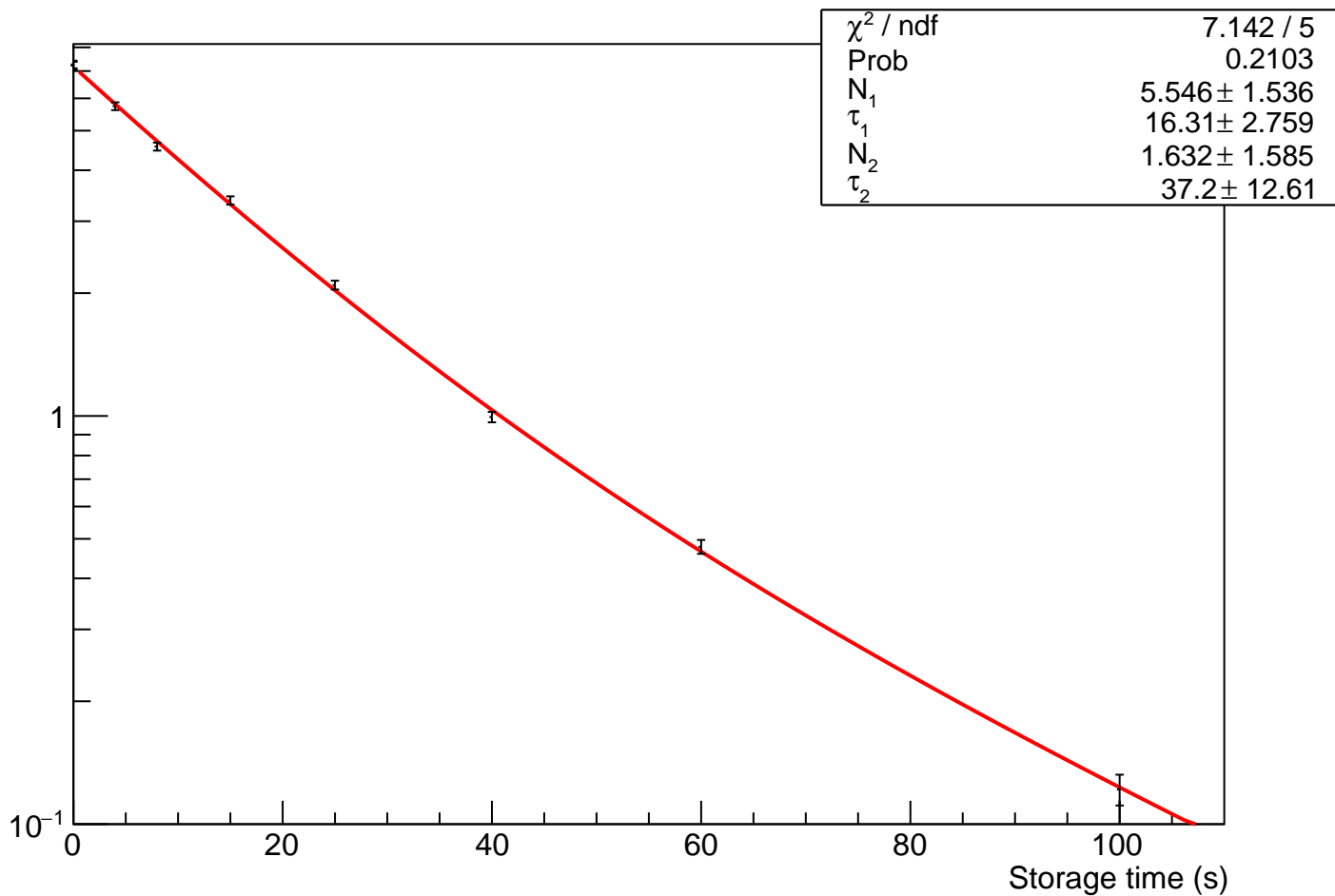
21.57 ± 0.2582

UCN-count-to-monitor ratio

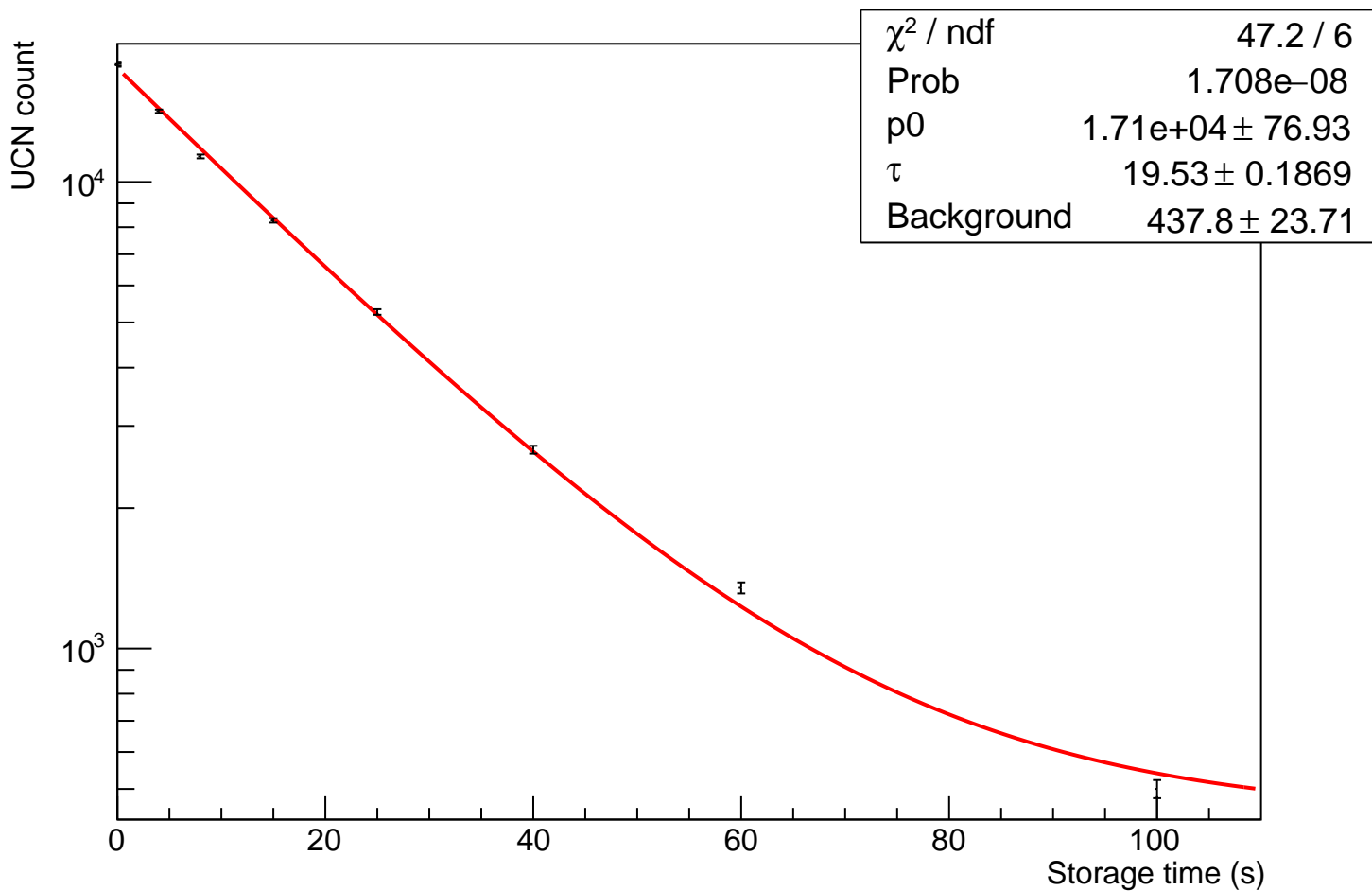


TCN18-059 (double exponential fit, with background subtracted, normalized to monitor detector)

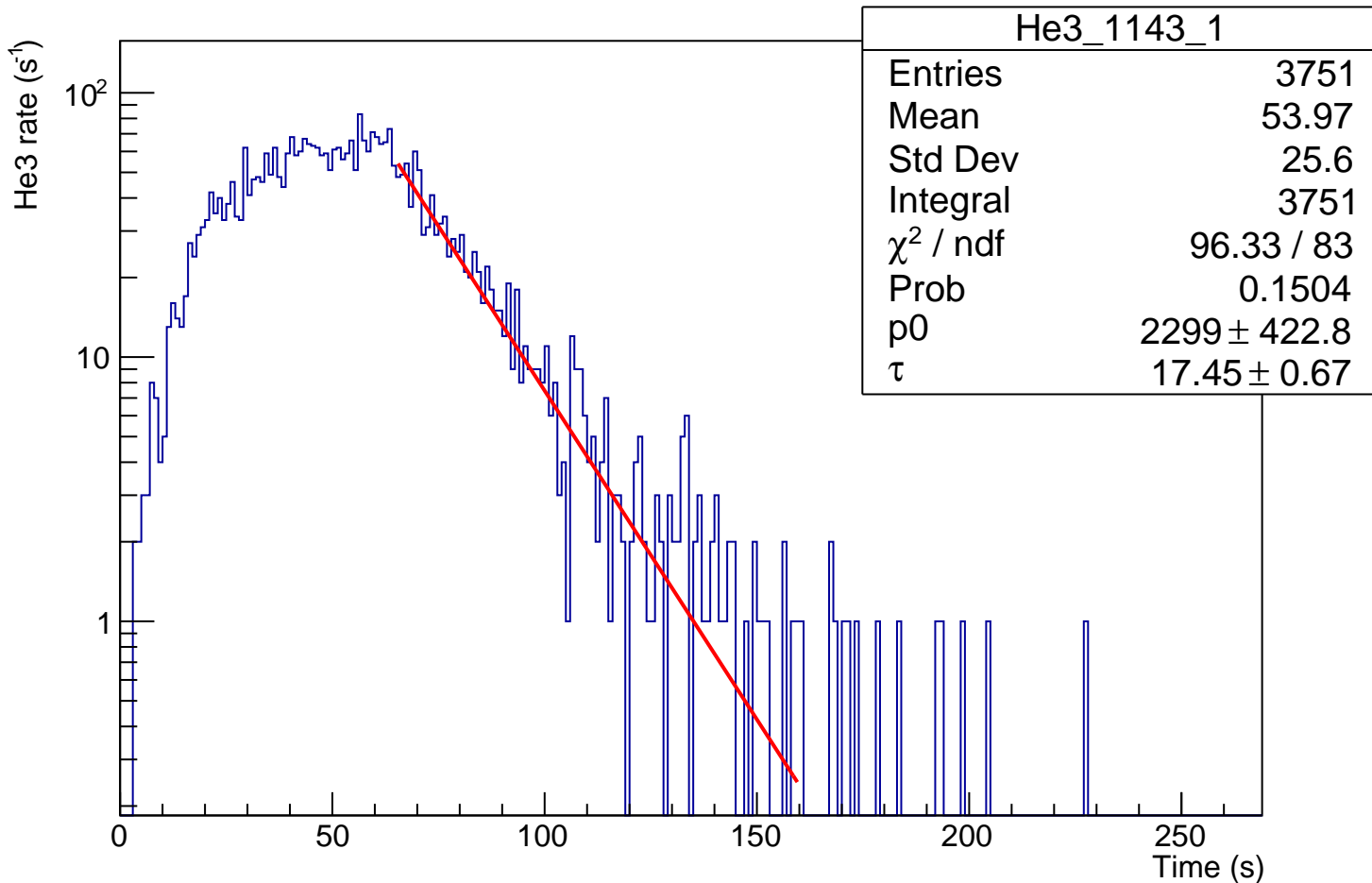
UCN-count-to-monitor ratio



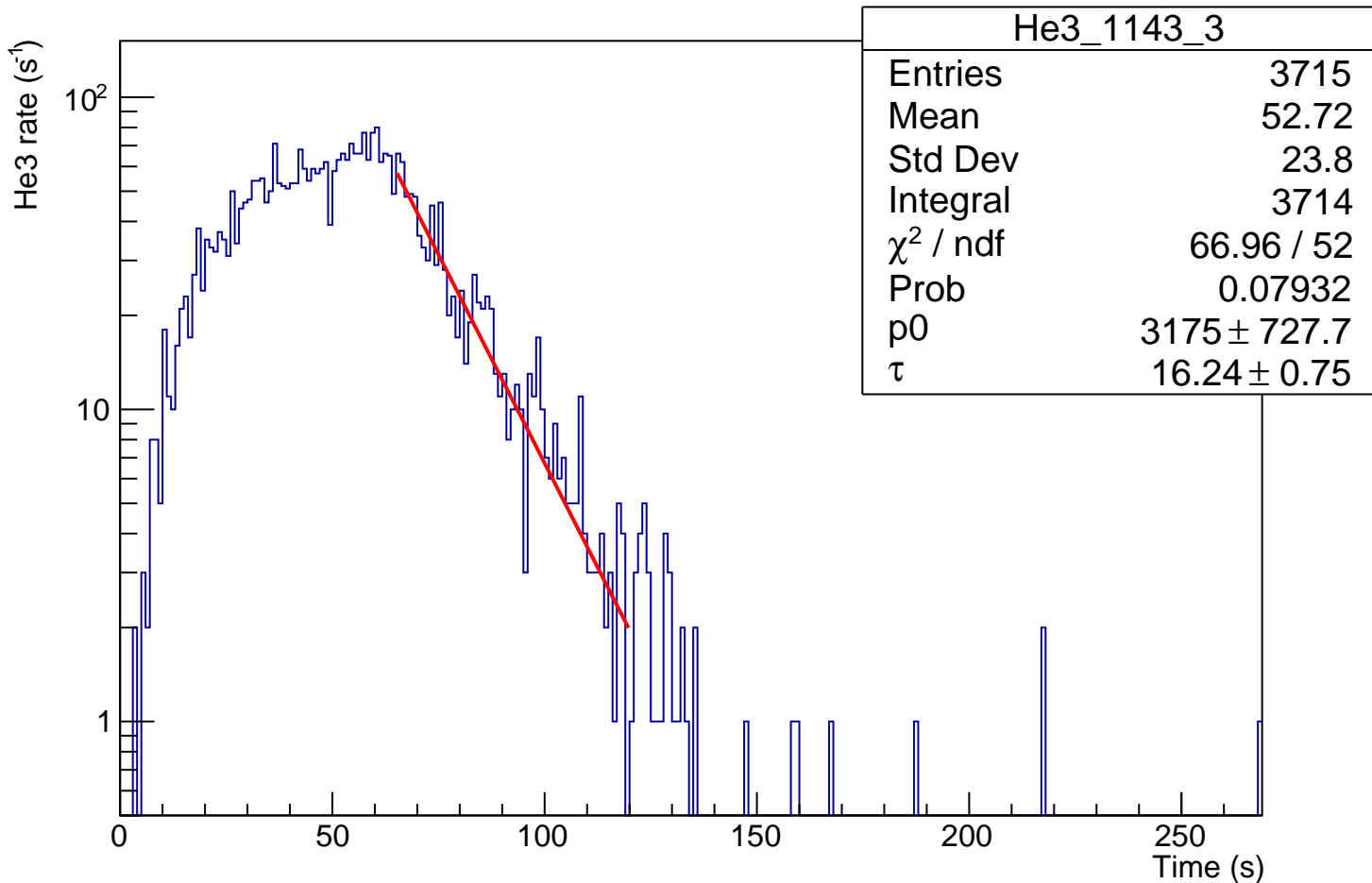
TCN18-059 (single exponential fit + background, unnormalized)



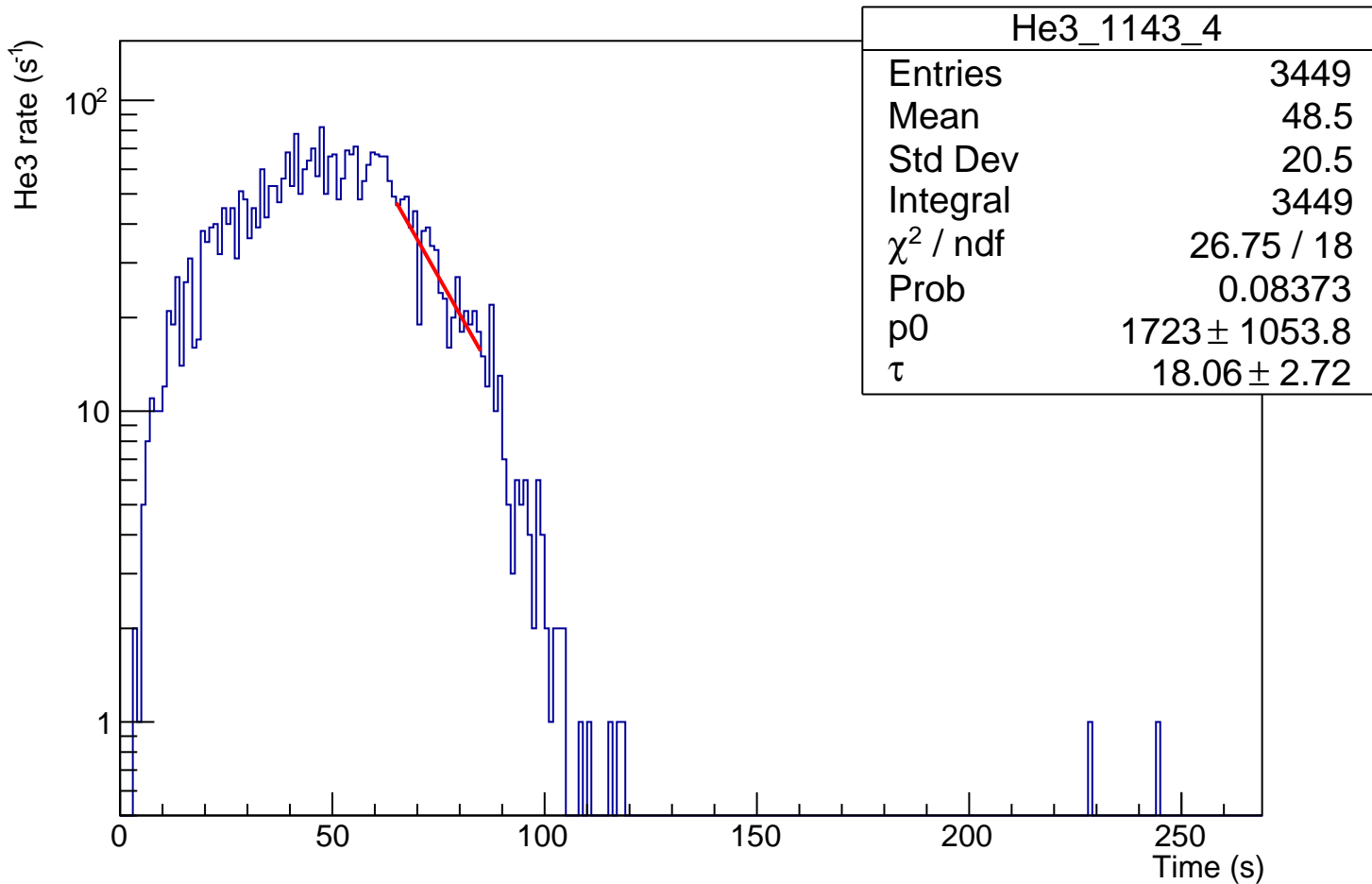
He3 detector rate



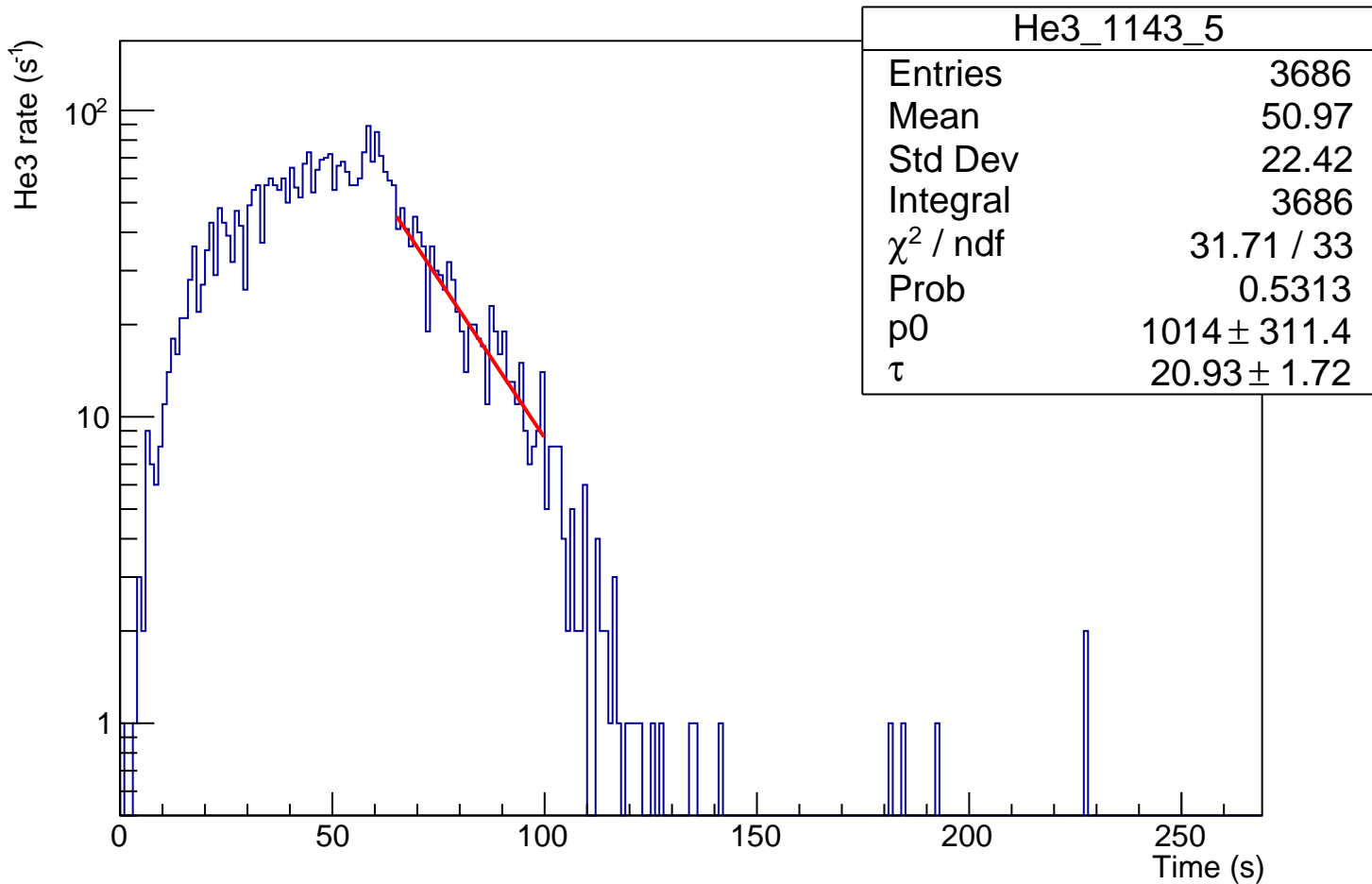
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 17.2557434092 \pm 0.0510356818655 \text{ s}$$