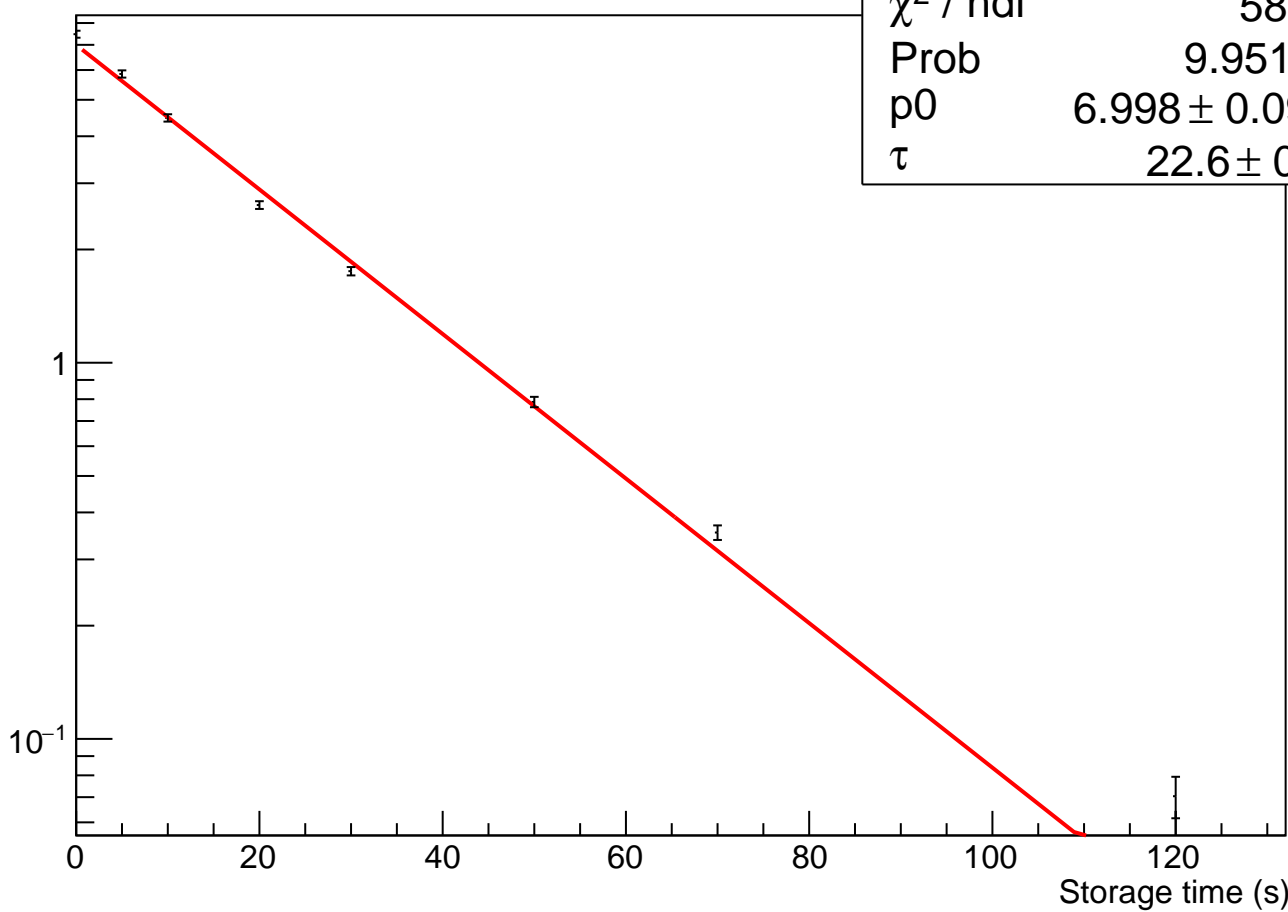


TCN18-482 (single exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio



χ^2 / ndf

58.3 / 6

Prob

$9.951\text{e-}11$

p0

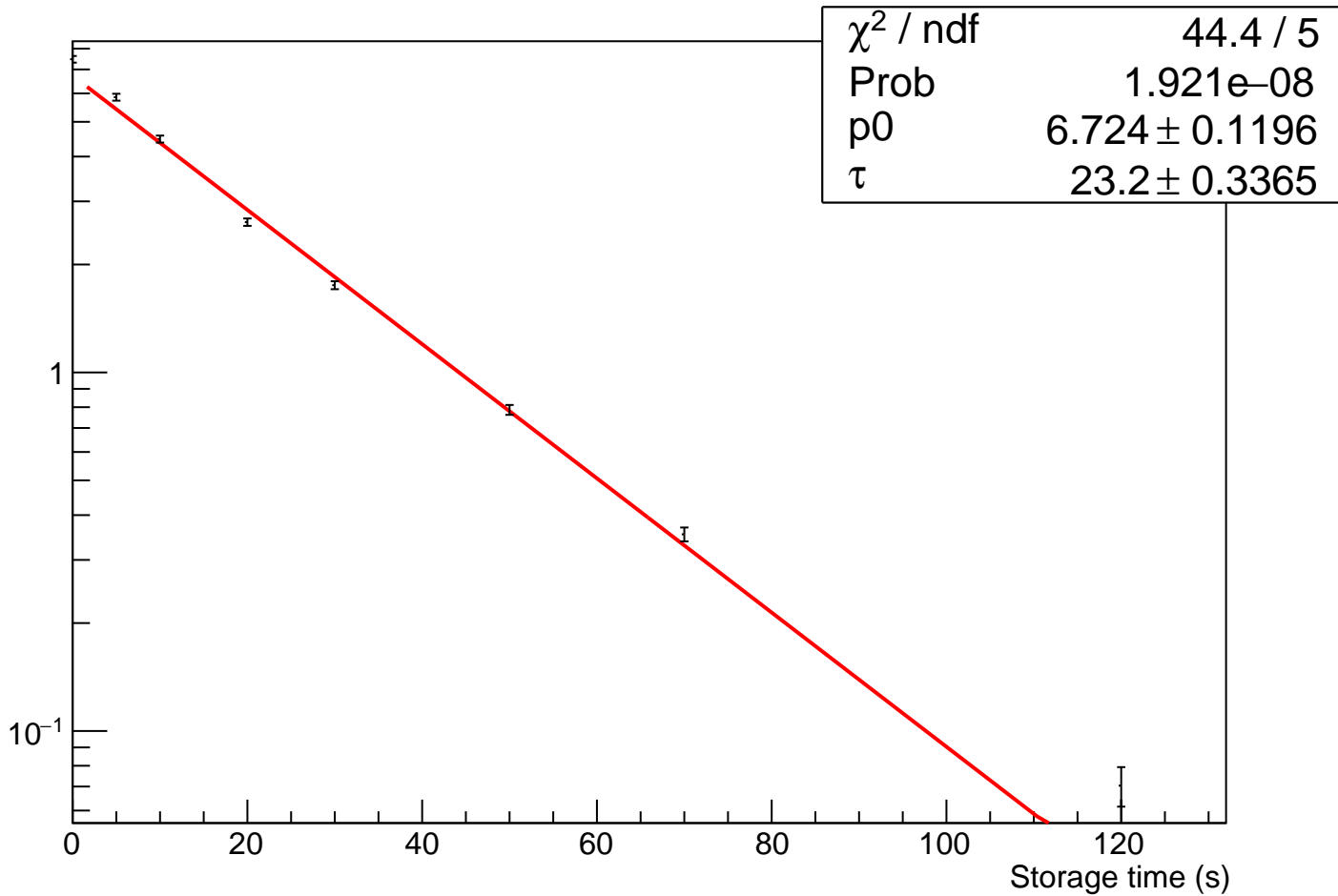
6.998 ± 0.09799

τ

22.6 ± 0.287

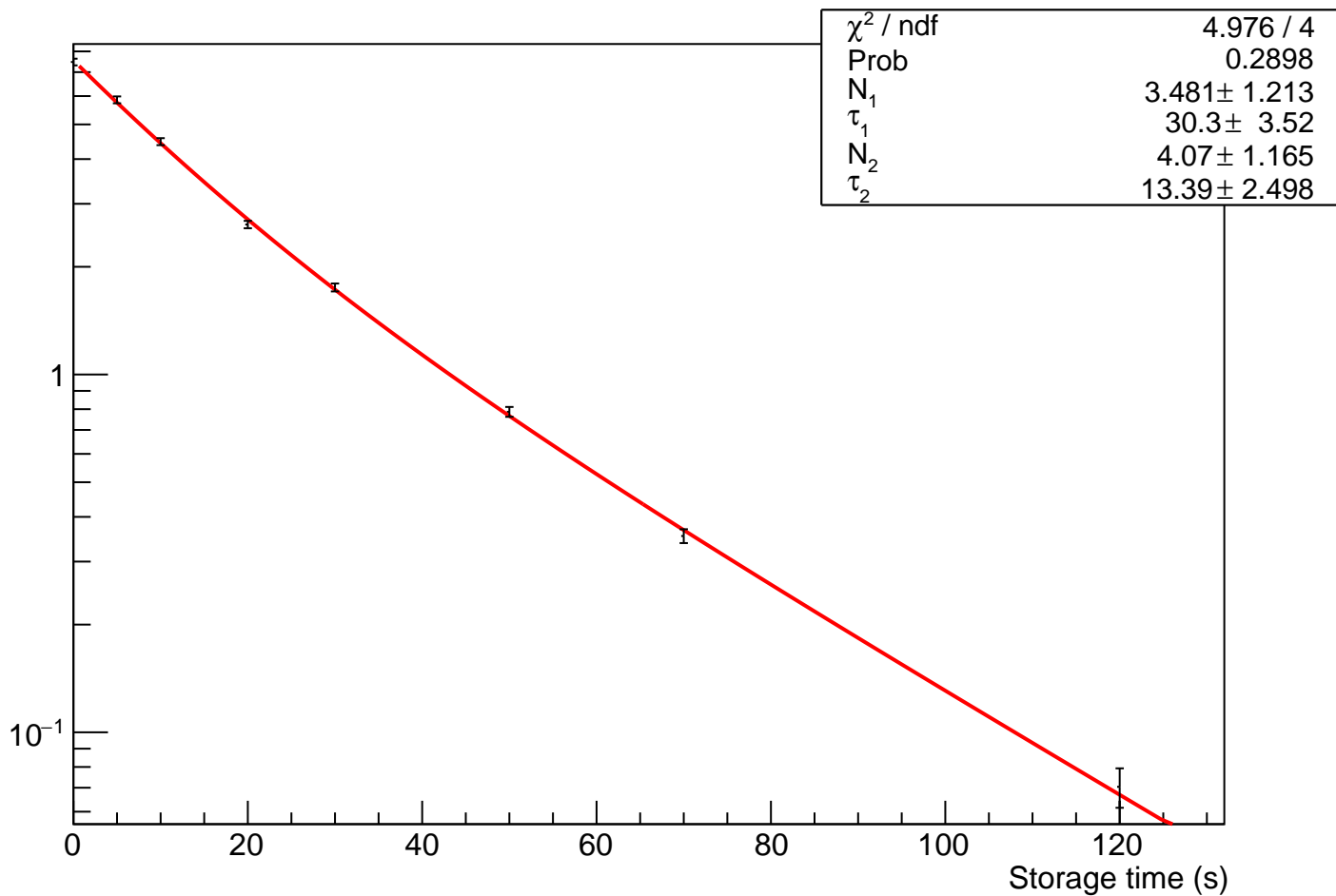
TCN18-482 (single exponential fit, with background subtracted, normalized to monitor detector, 0s excluded)

UCN-count-to-monitor ratio

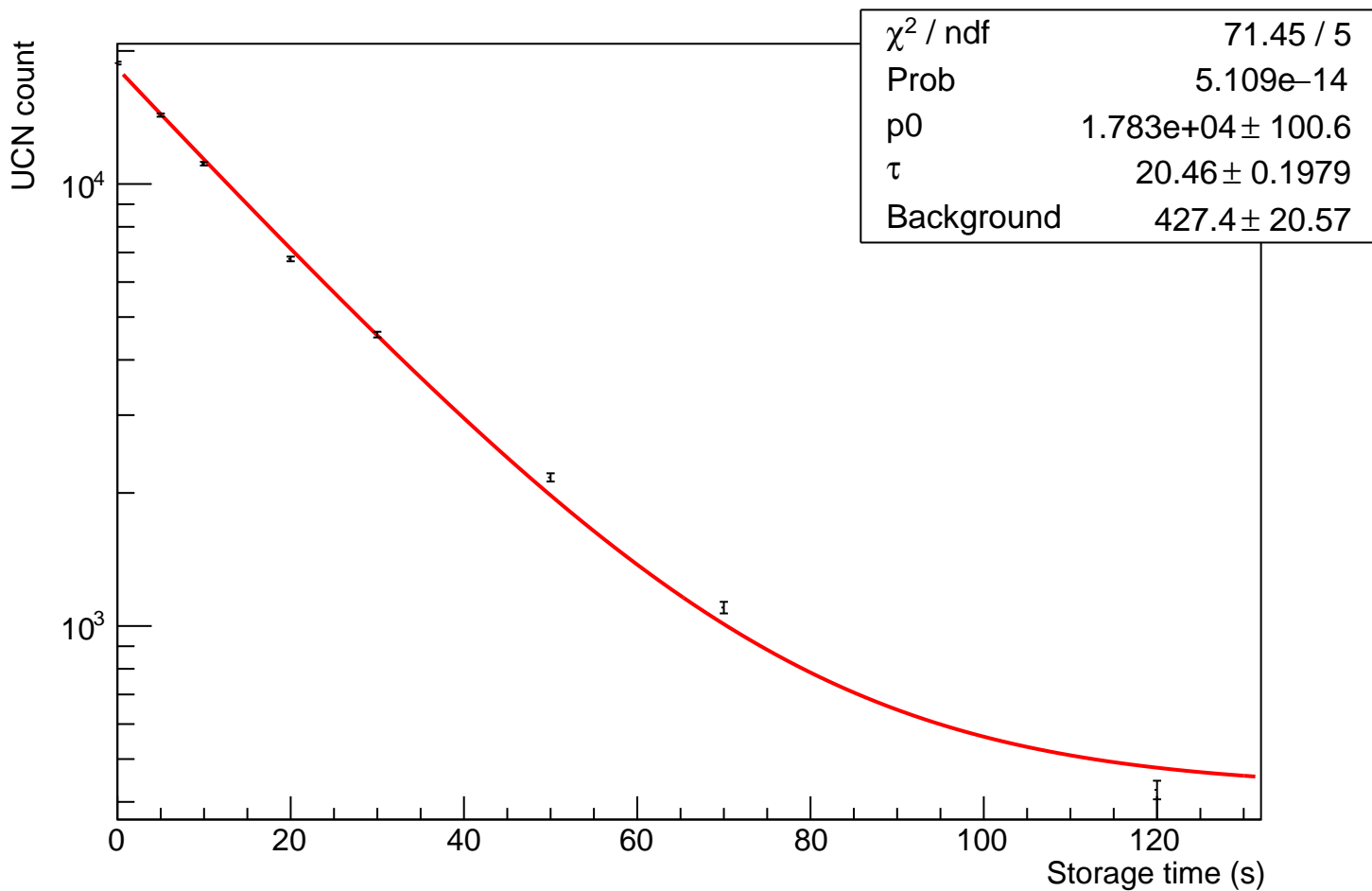


TCN18-482 (double exponential fit, with background subtracted, normalized to monitor detector)

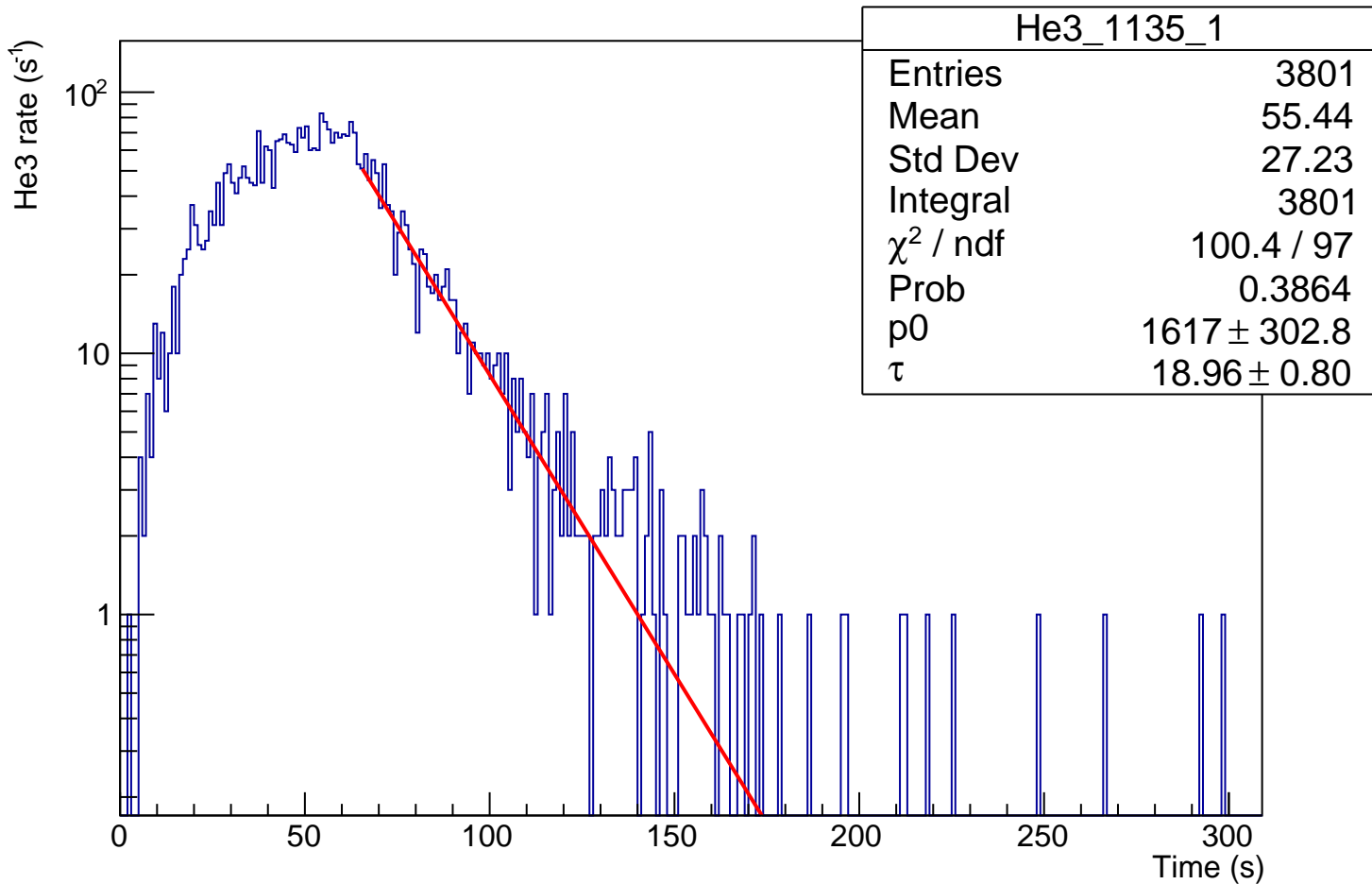
UCN-count-to-monitor ratio



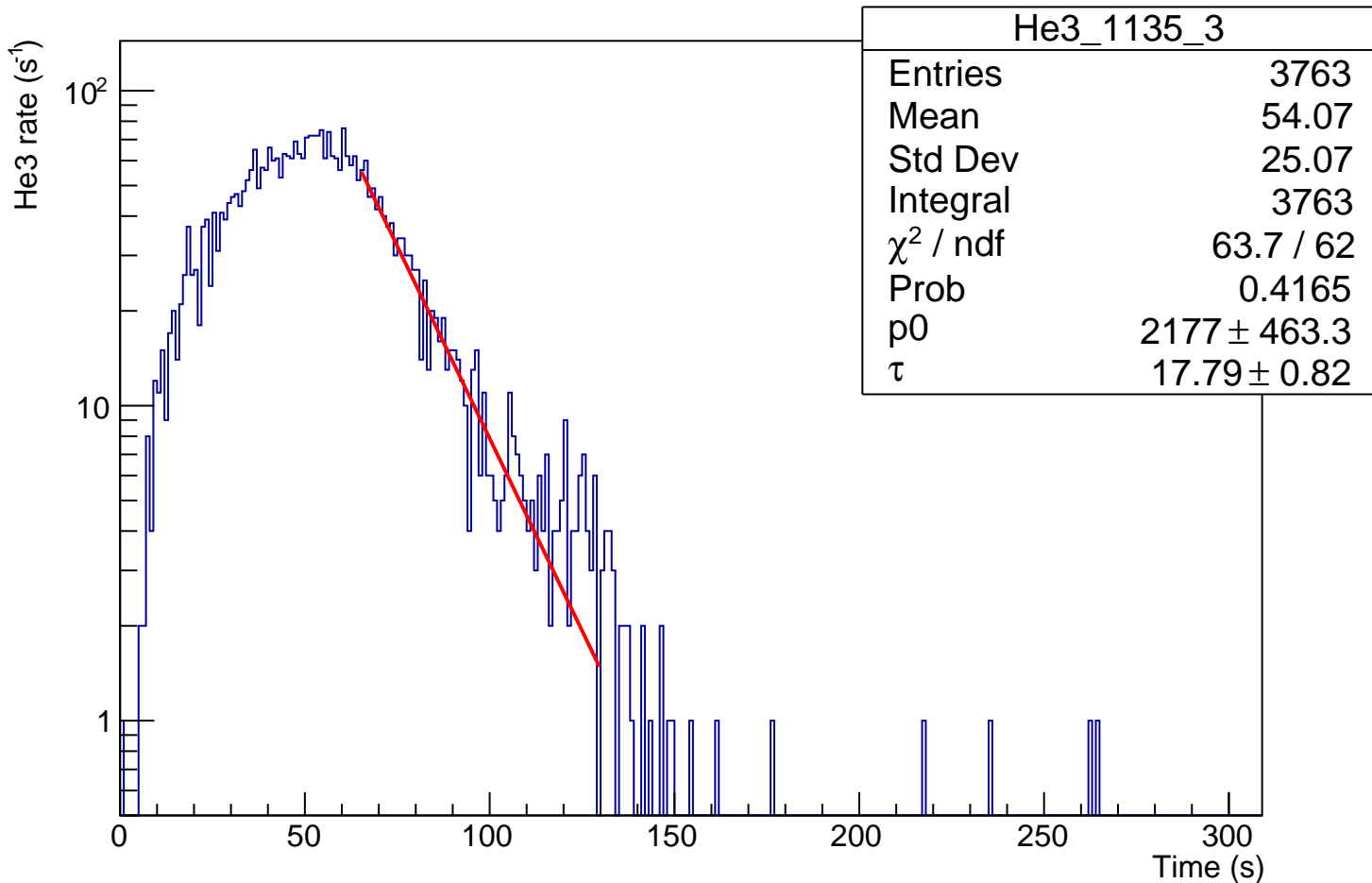
TCN18-482 (single exponential fit + background, unnormalized)



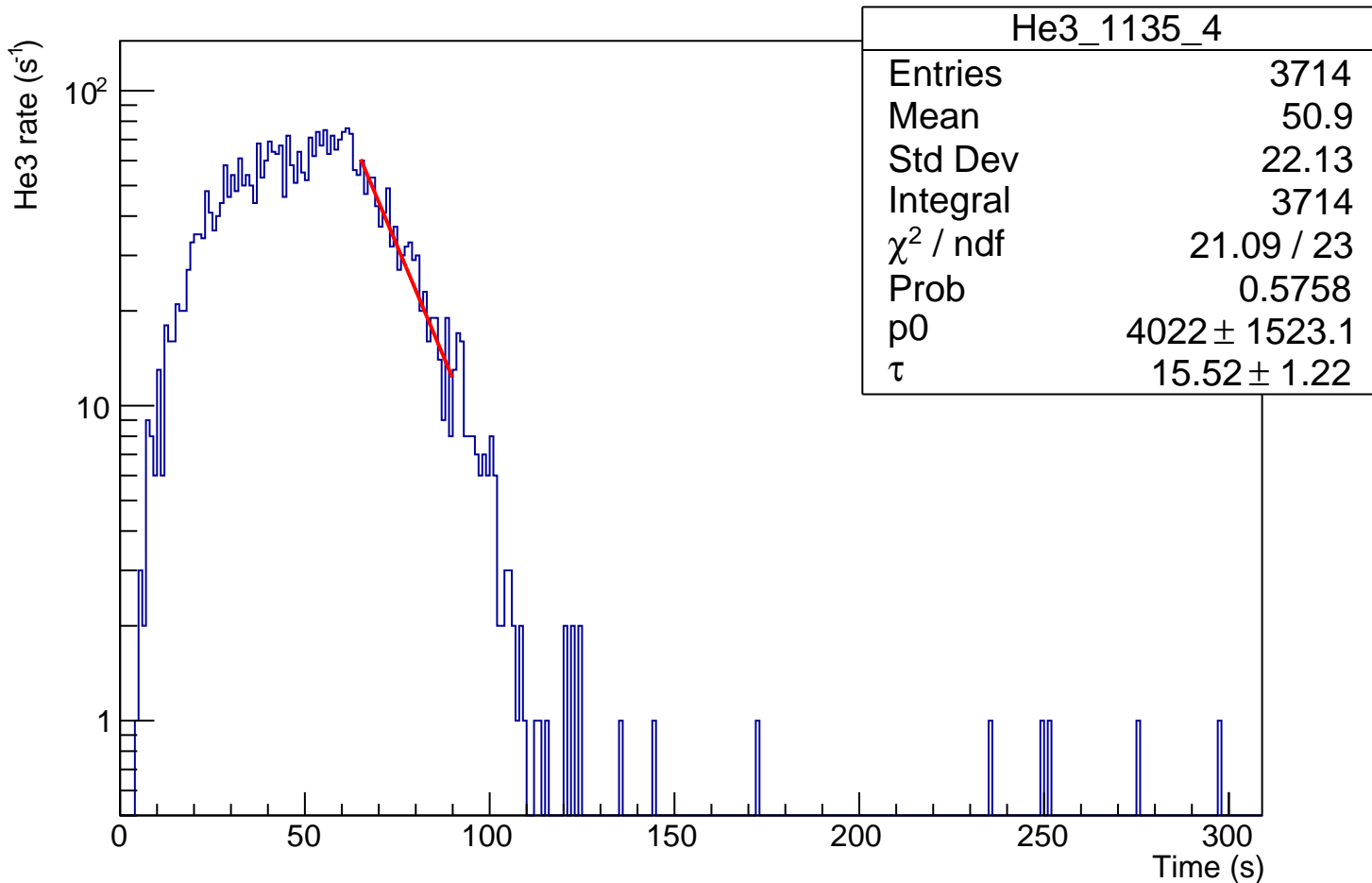
He3 detector rate



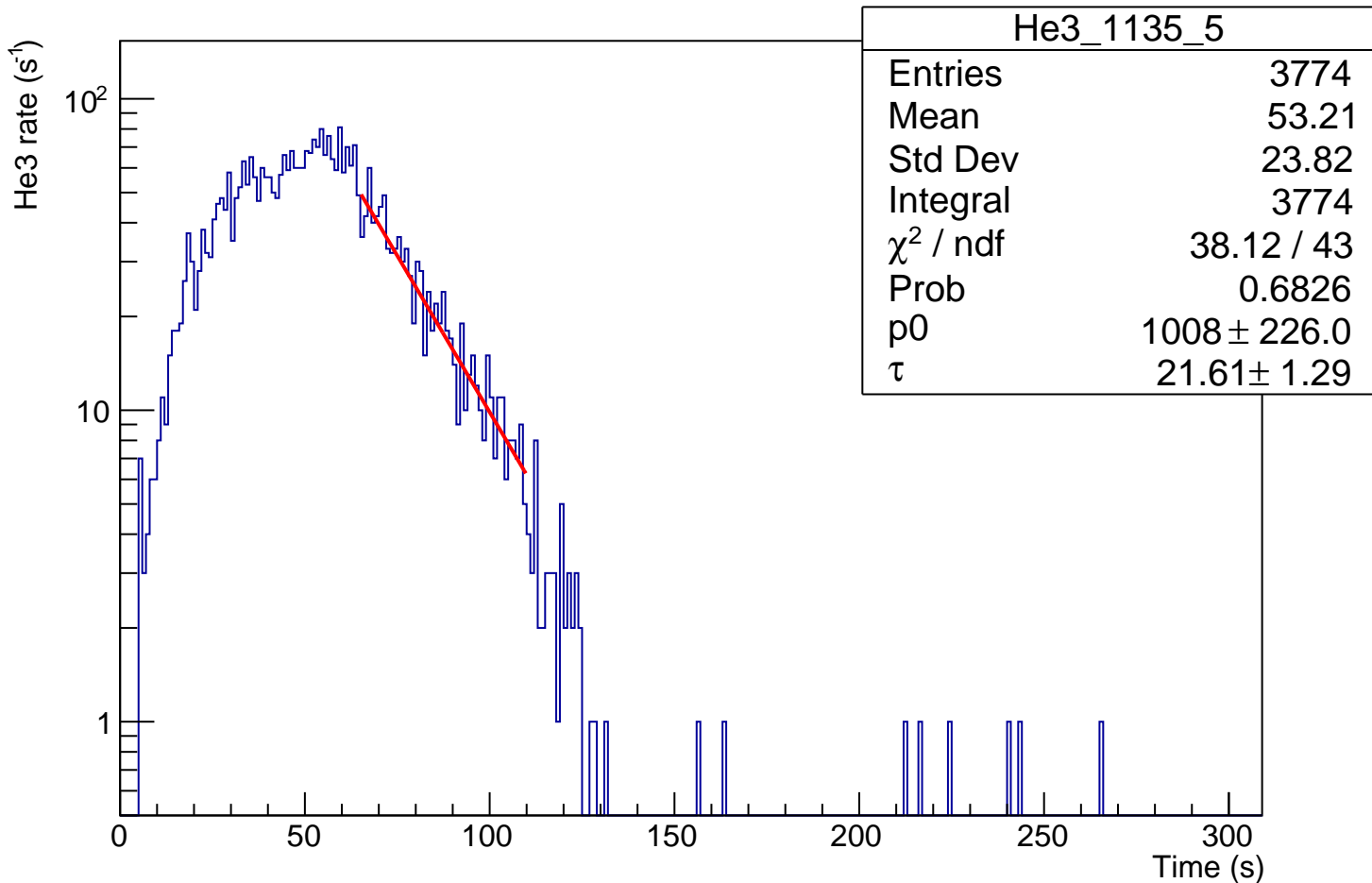
He3 detector rate



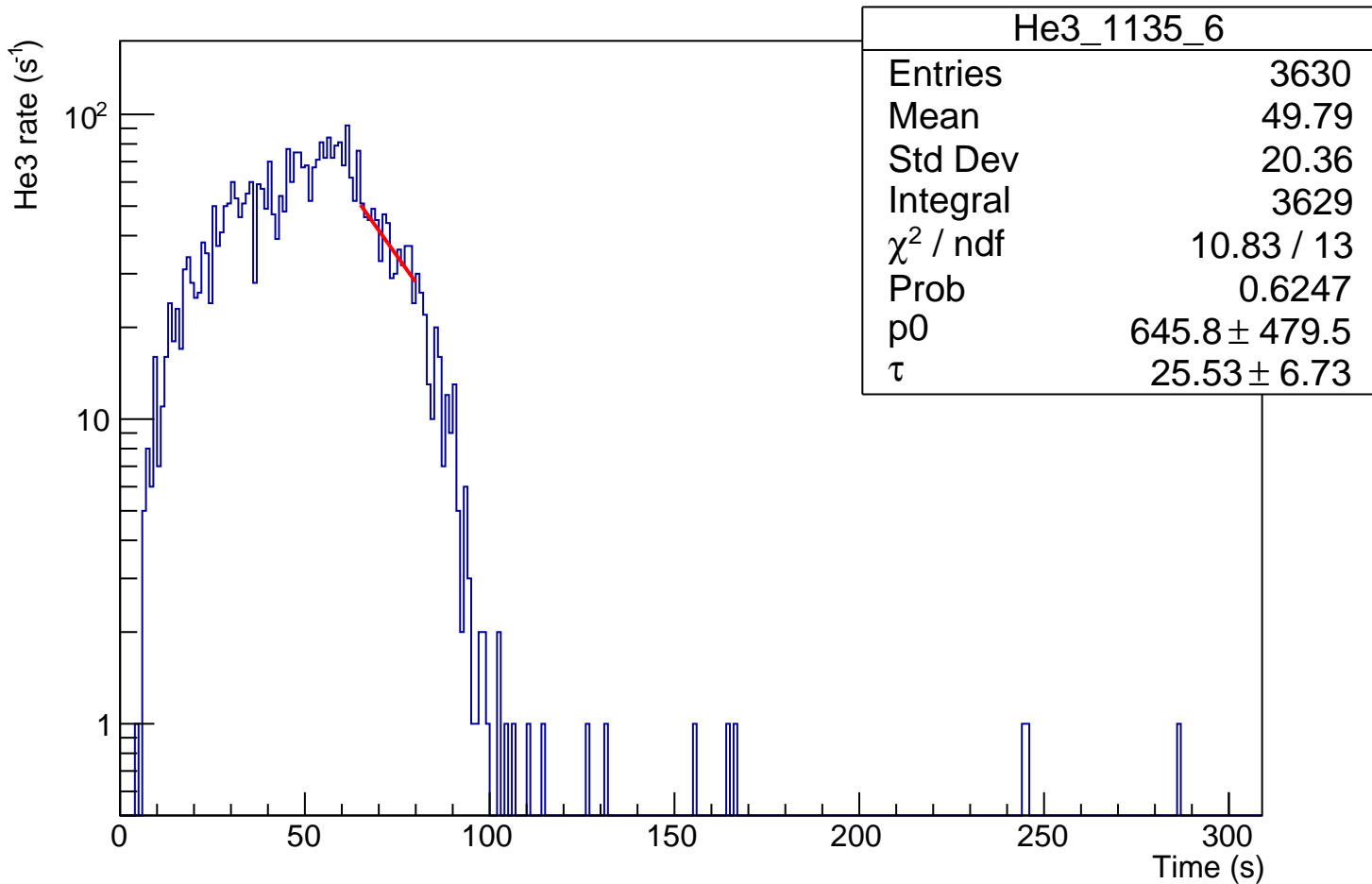
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

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