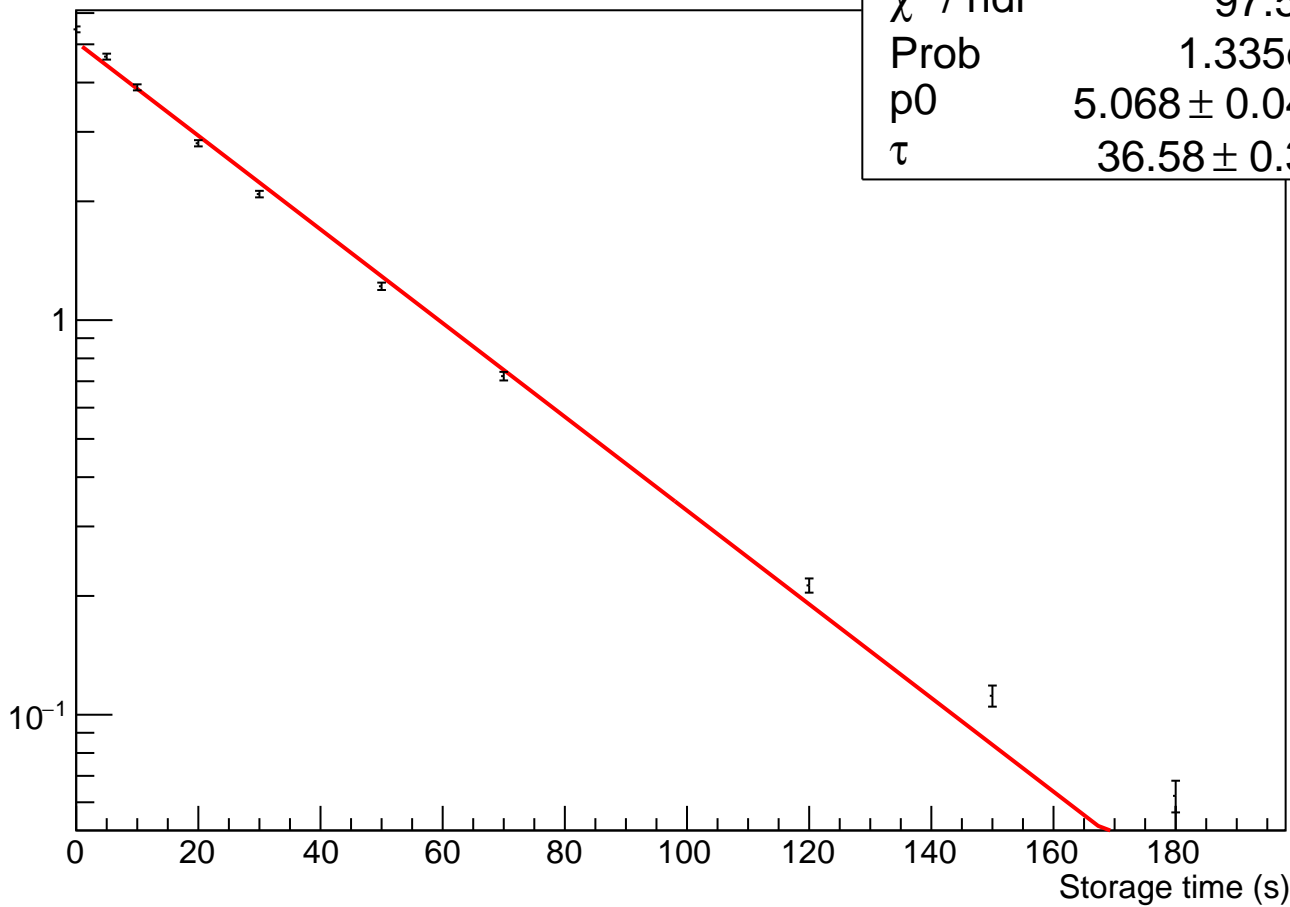


TCN18-026 (single exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio



χ^2 / ndf

97.58 / 8

Prob

$1.335\text{e-}17$

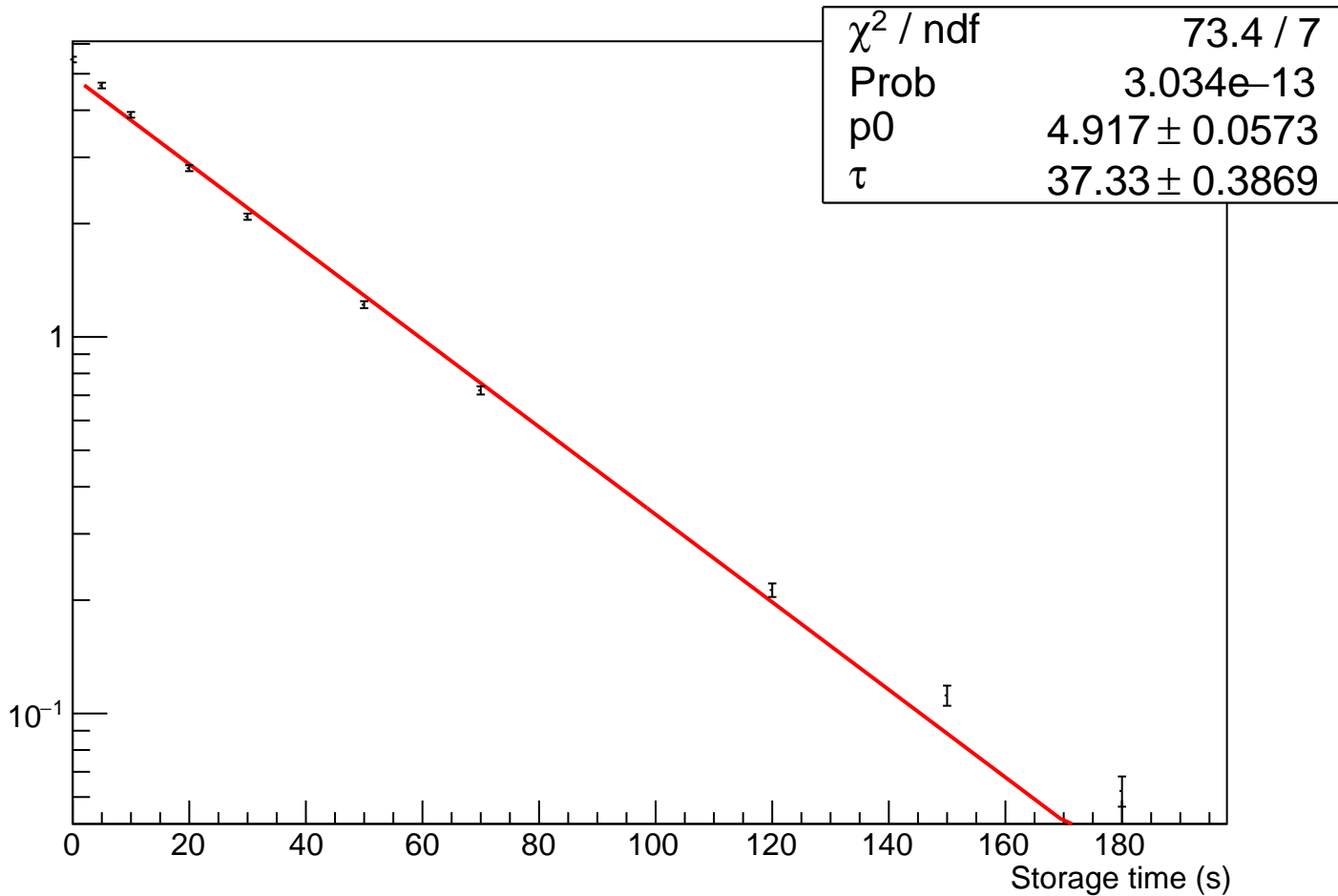
p0

5.068 ± 0.04979

τ

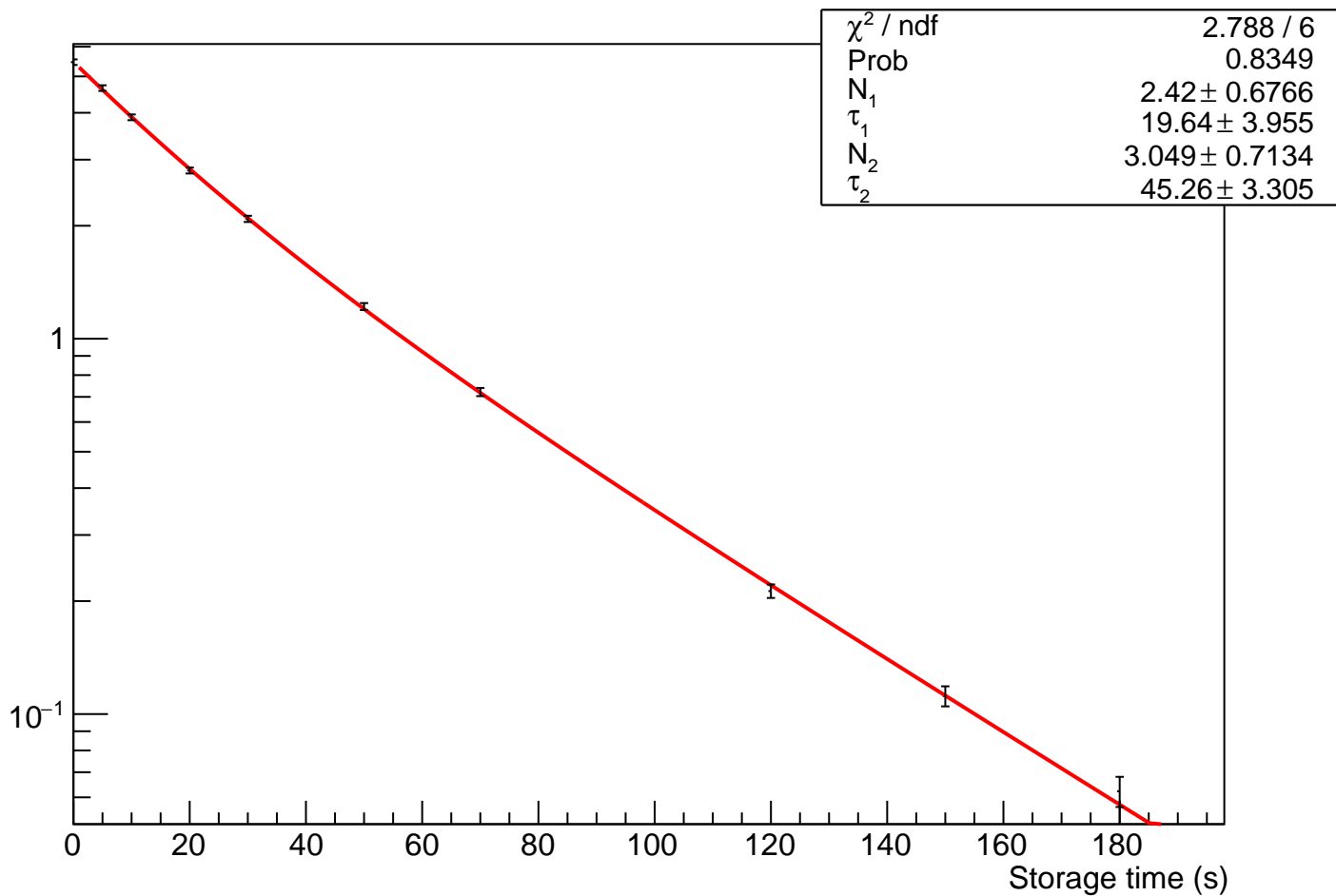
36.58 ± 0.3515

UCN-count-to-monitor ratio

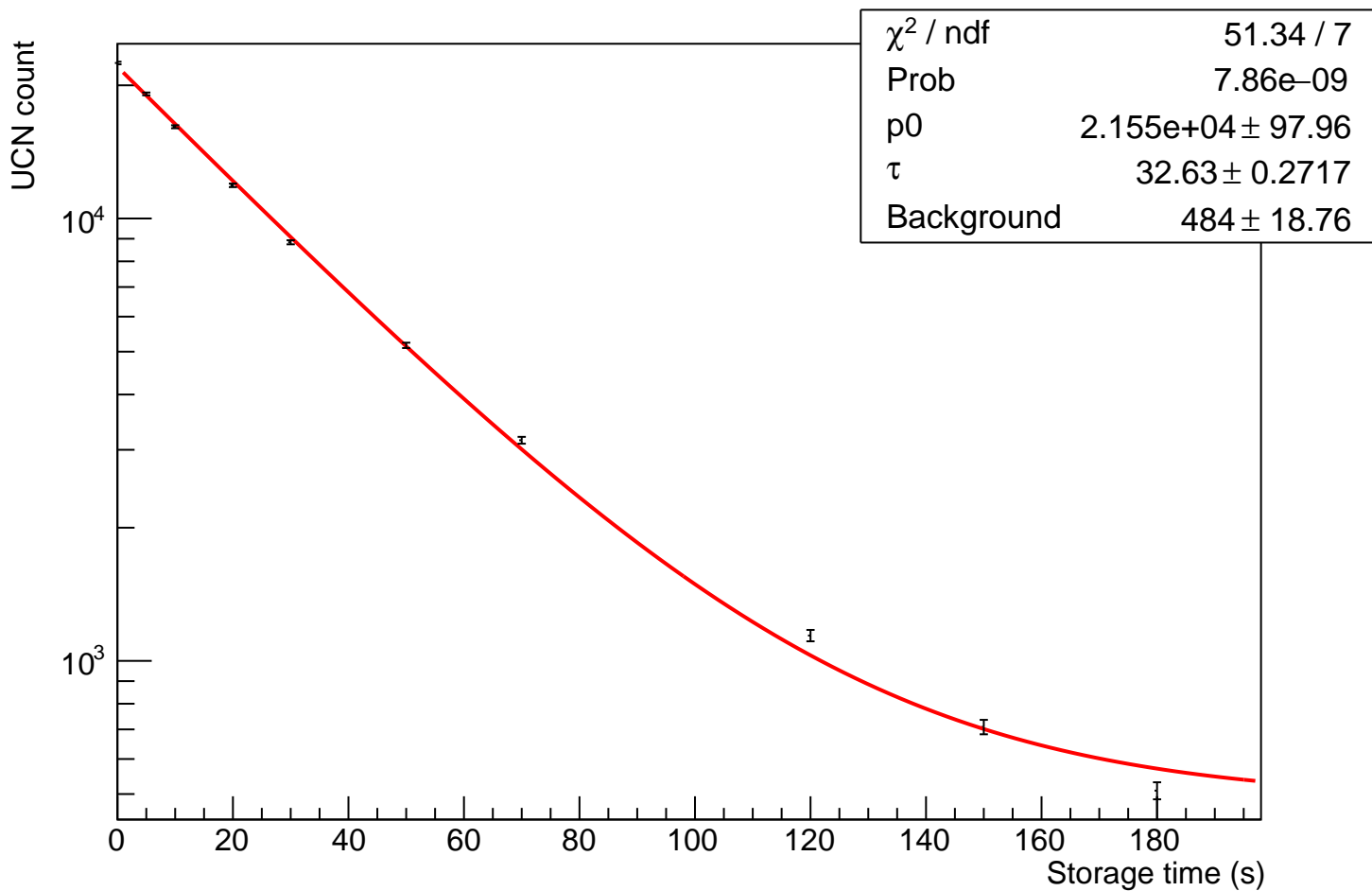


TCN18-026 (double exponential fit, with background subtracted, normalized to monitor detector)

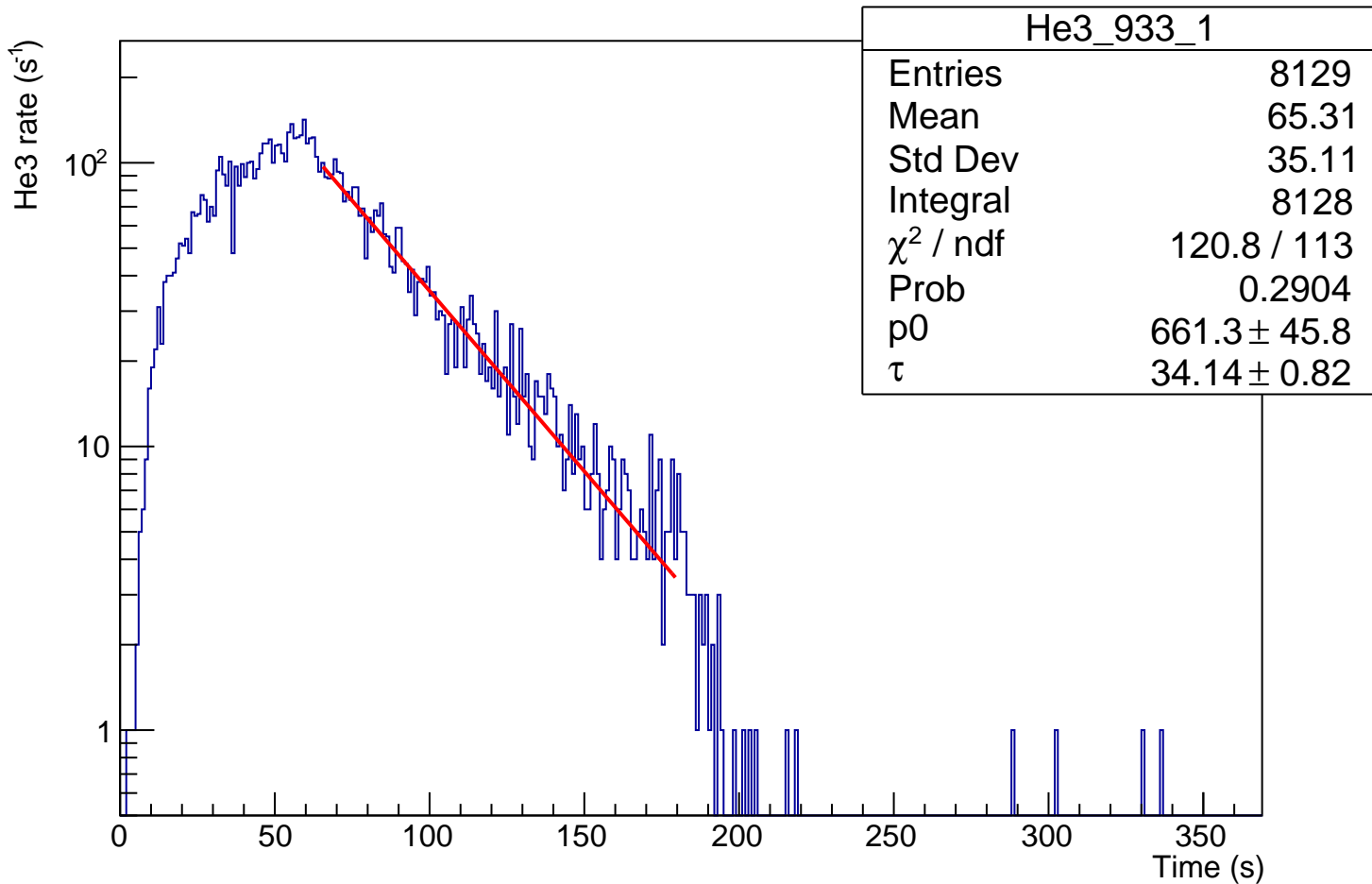
UCN-count-to-monitor ratio



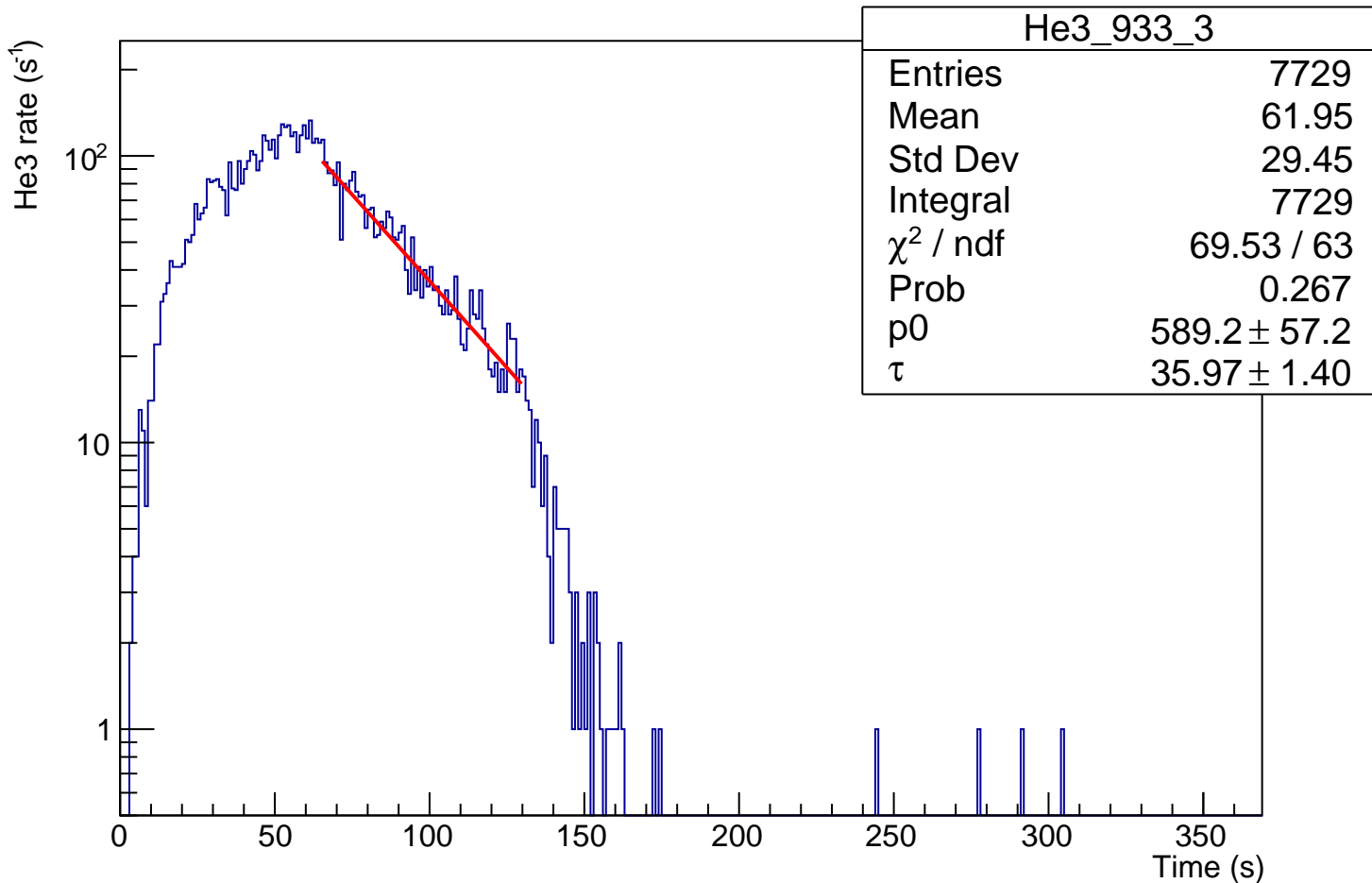
TCN18-026 (single exponential fit + background, unnormalized)



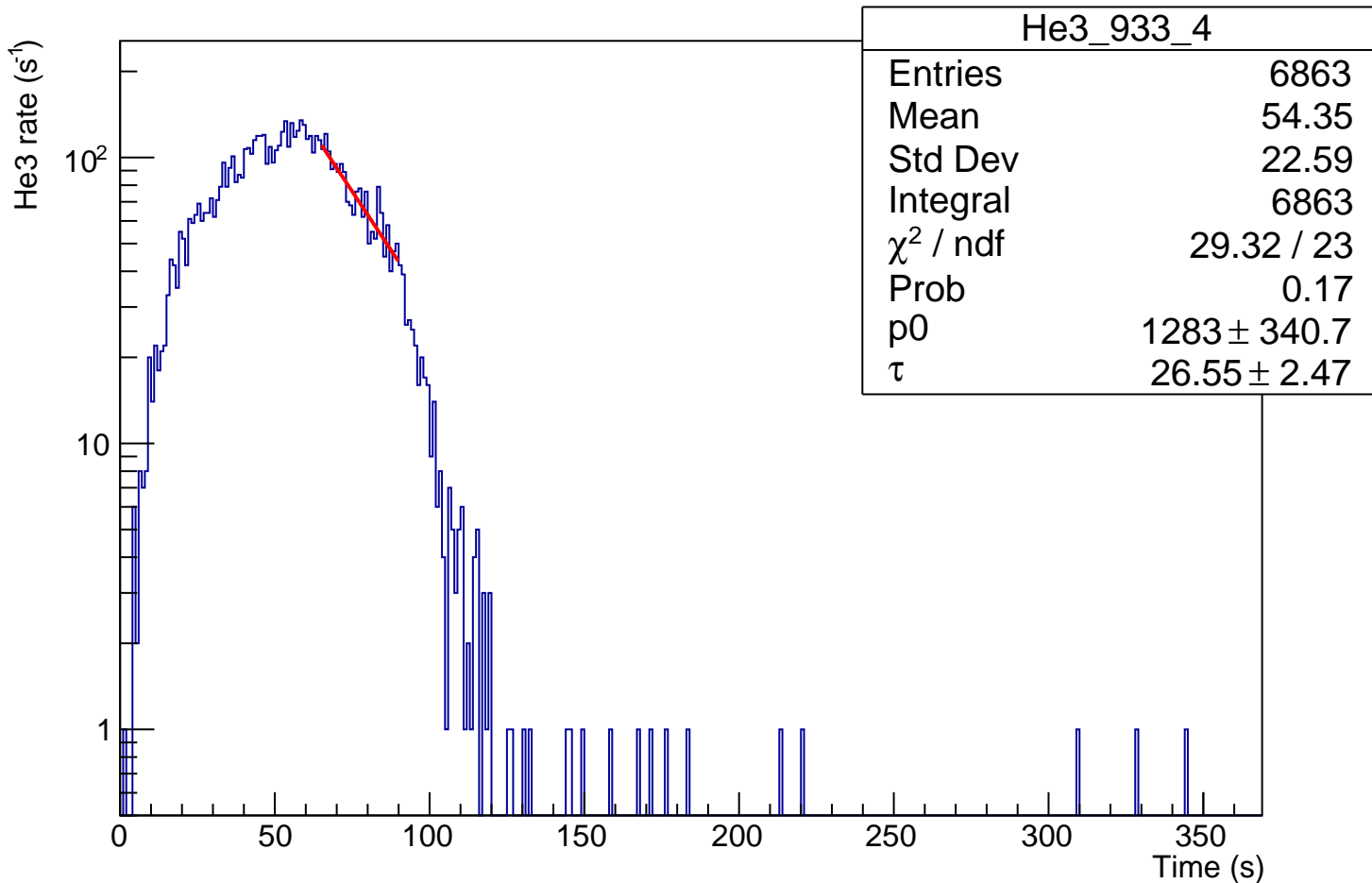
He3 detector rate



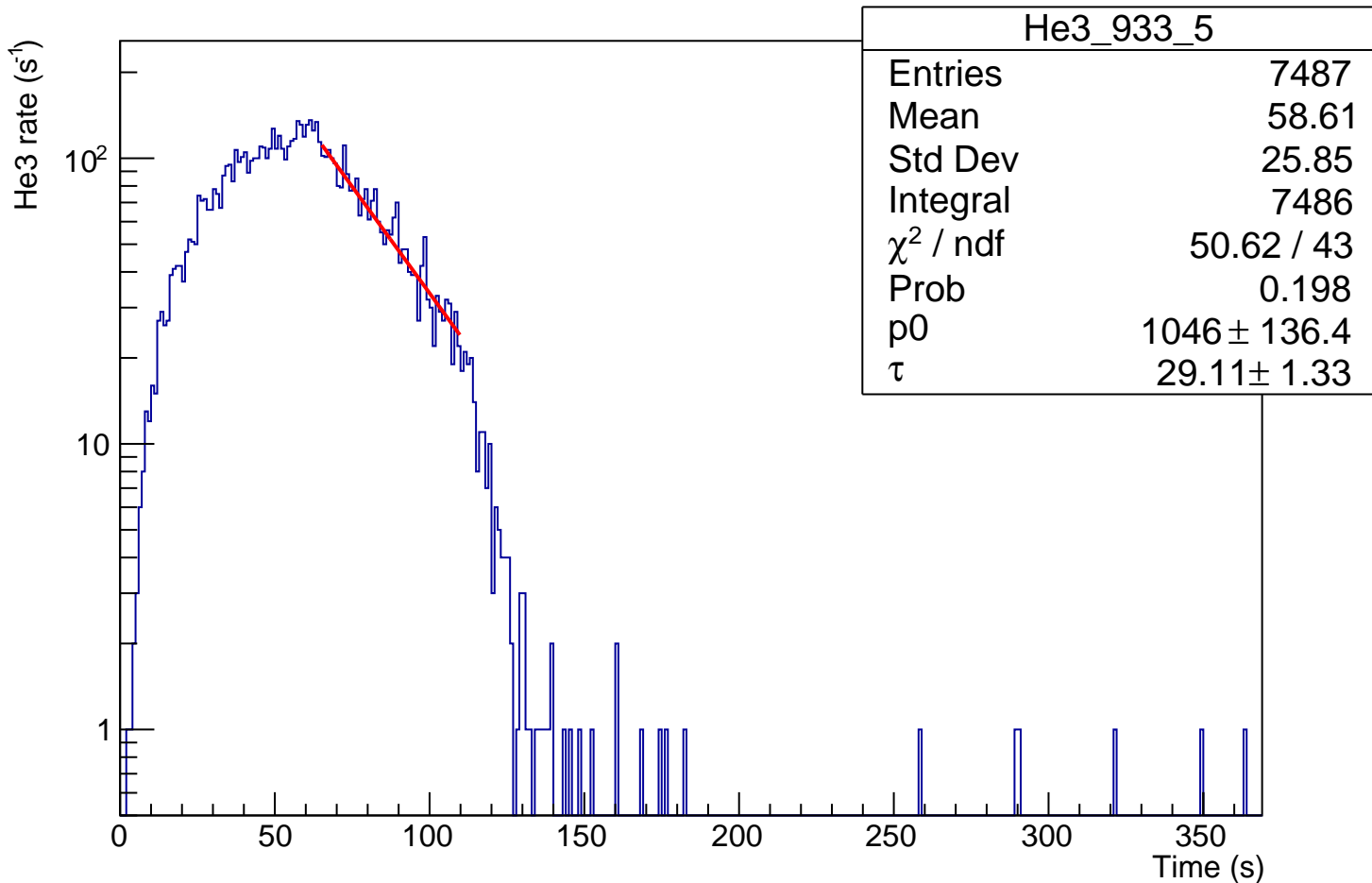
He3 detector rate



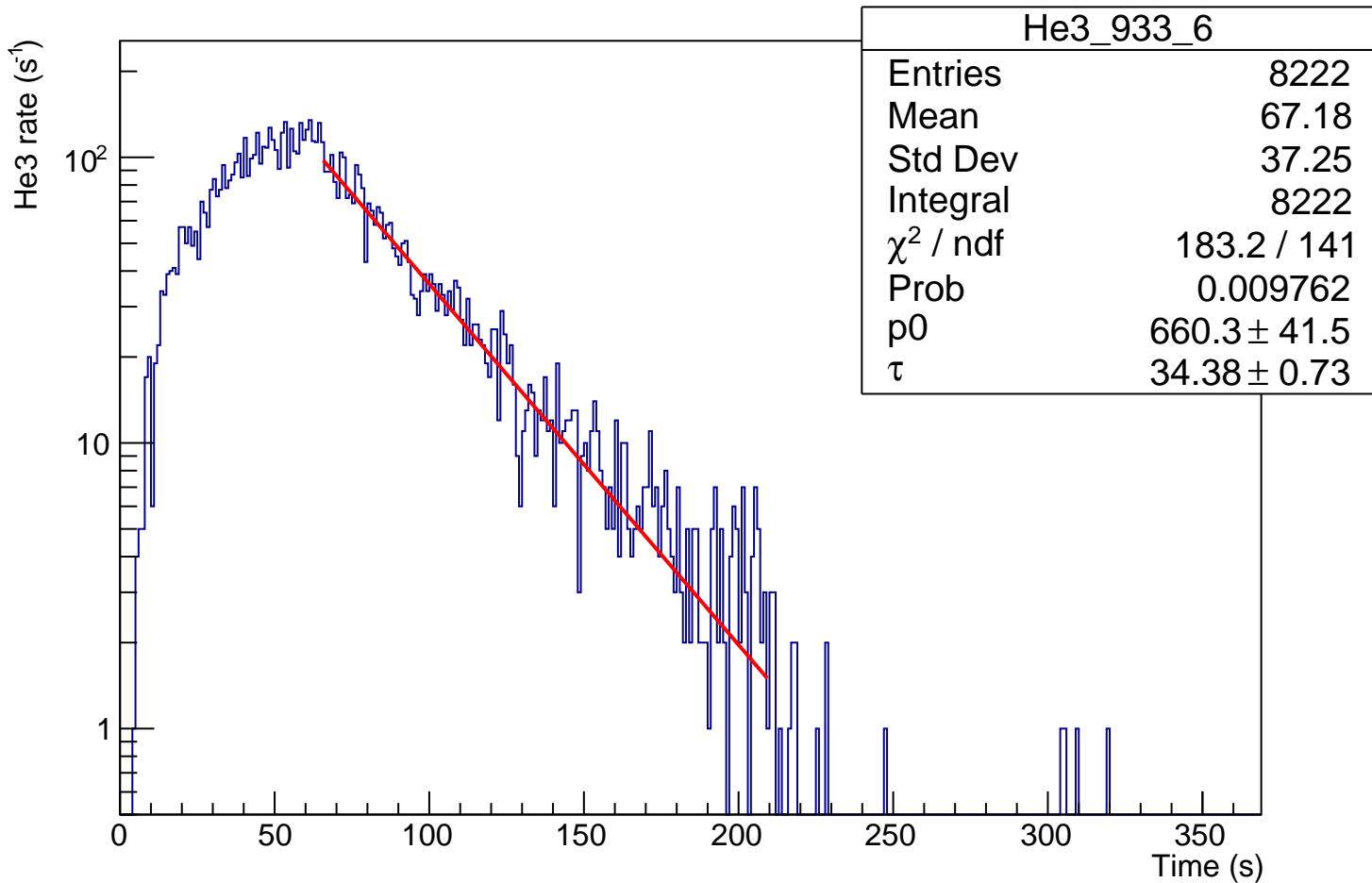
He3 detector rate



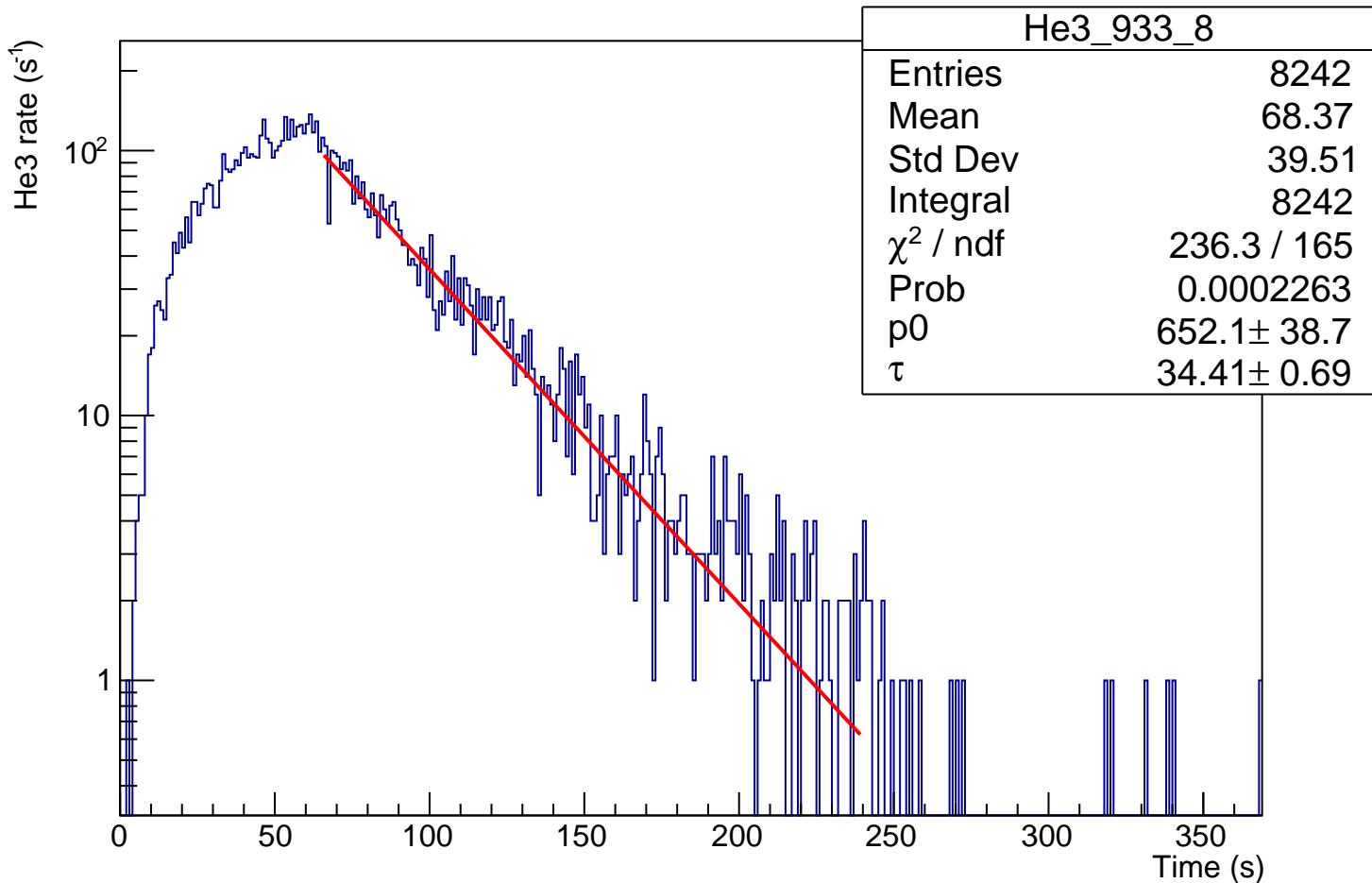
He3 detector rate



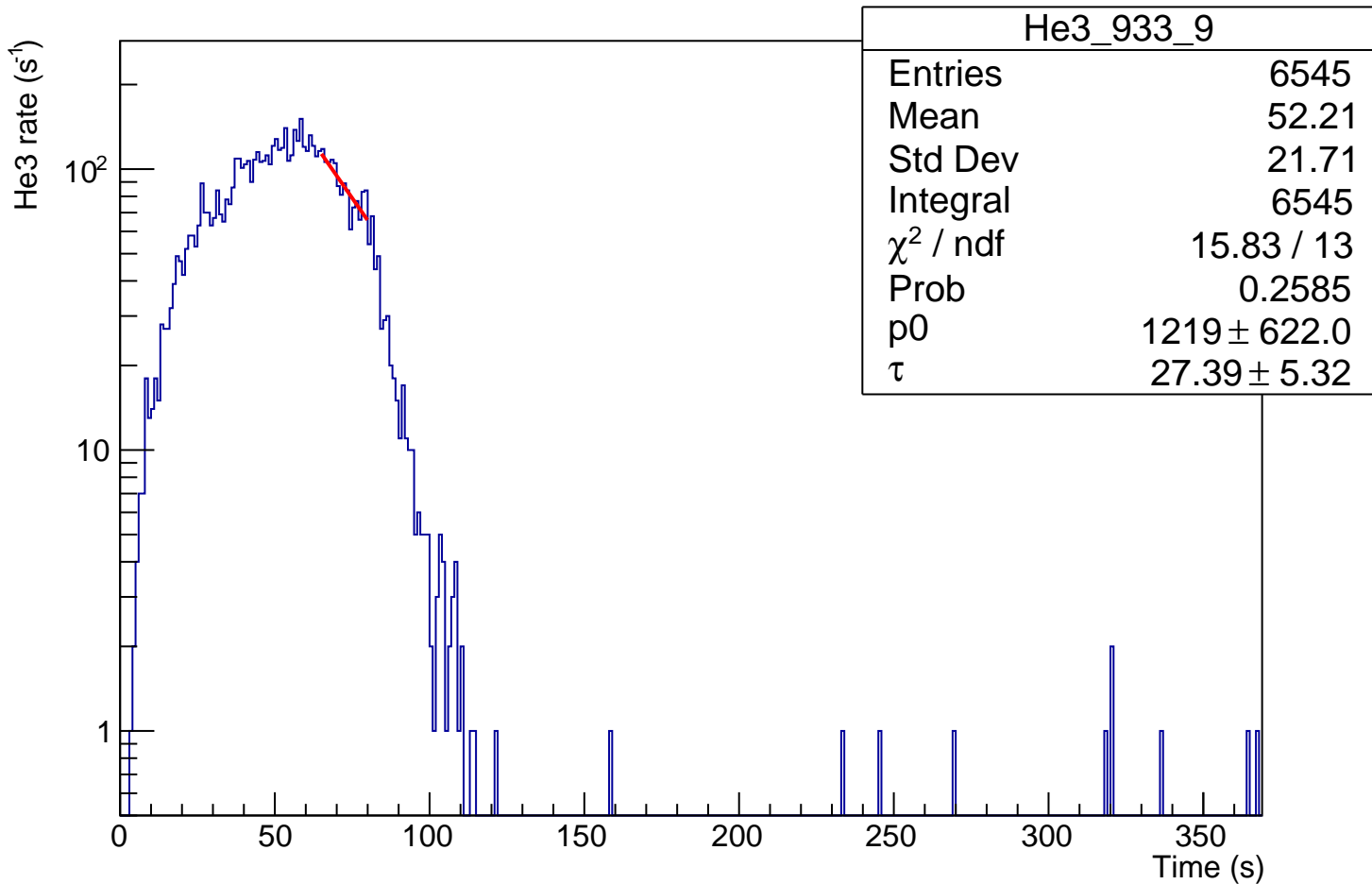
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 33.7882846075 \pm 0.0220685205172 \text{ s}$$