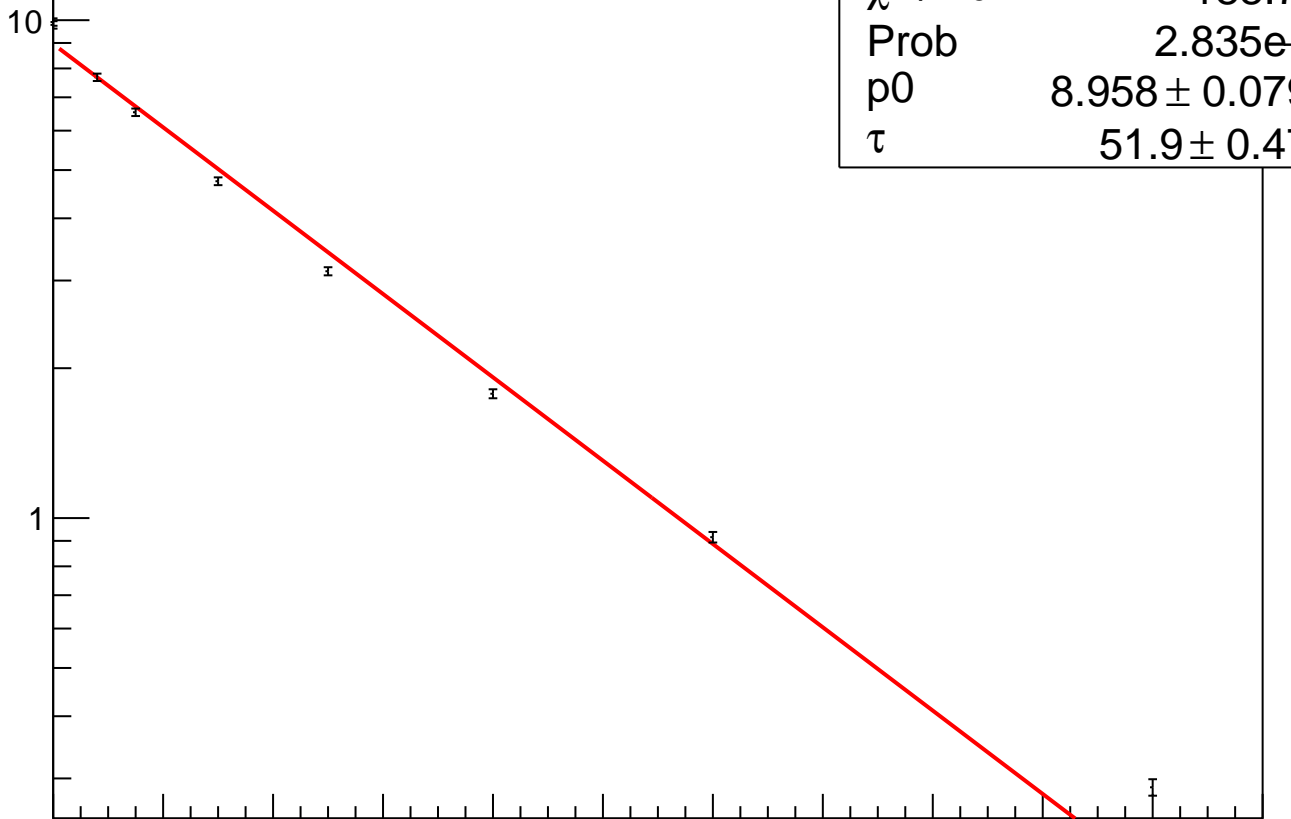


TCN18-382 (single exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio

χ^2 / ndf	188.7 / 7
Prob	2.835e-37
p0	8.958 ± 0.07926
τ	51.9 ± 0.4772

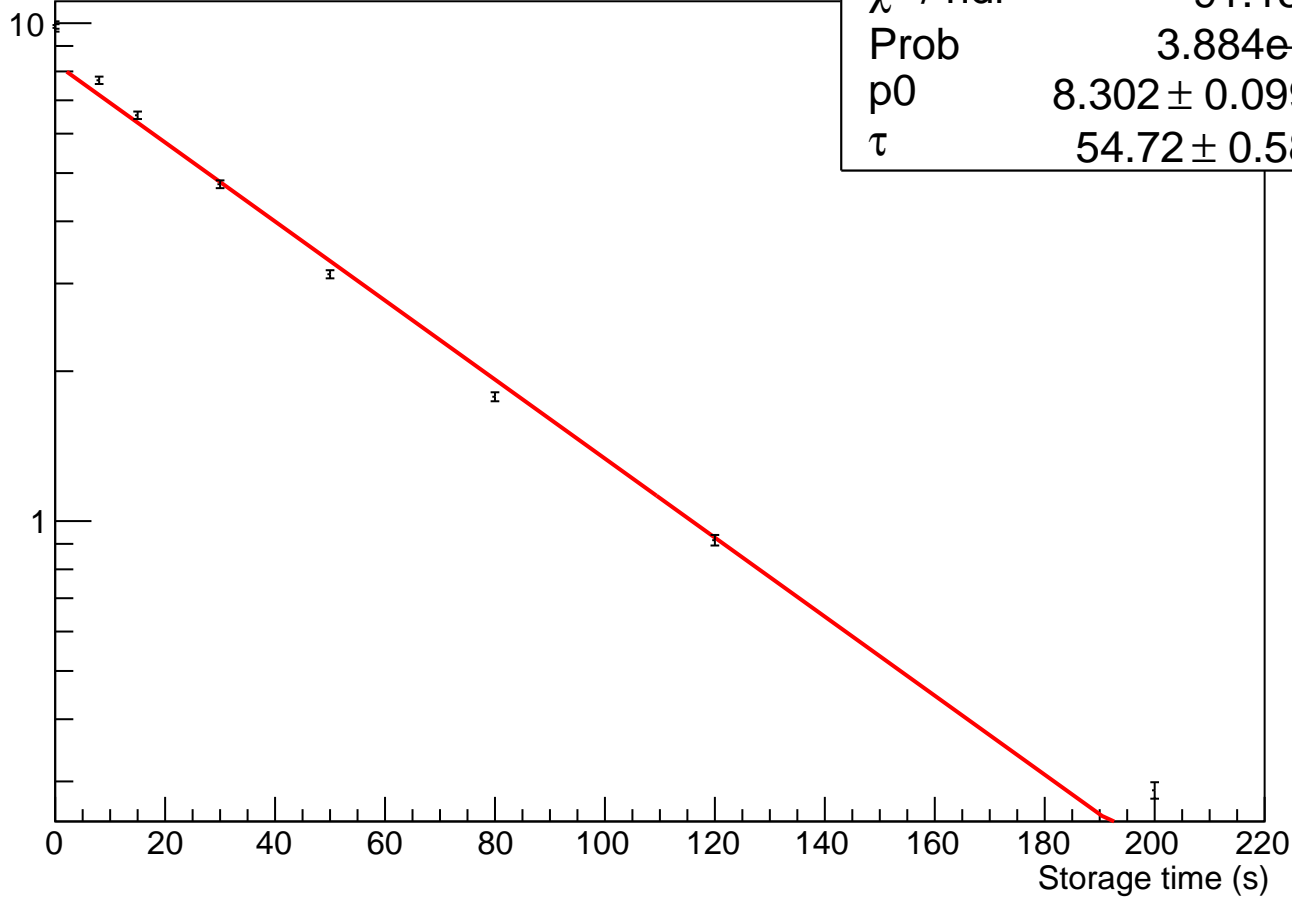
Storage time (s)



TCN18-382 (single exponential fit, with background subtracted, normalized to monitor detector, 0s excluded)

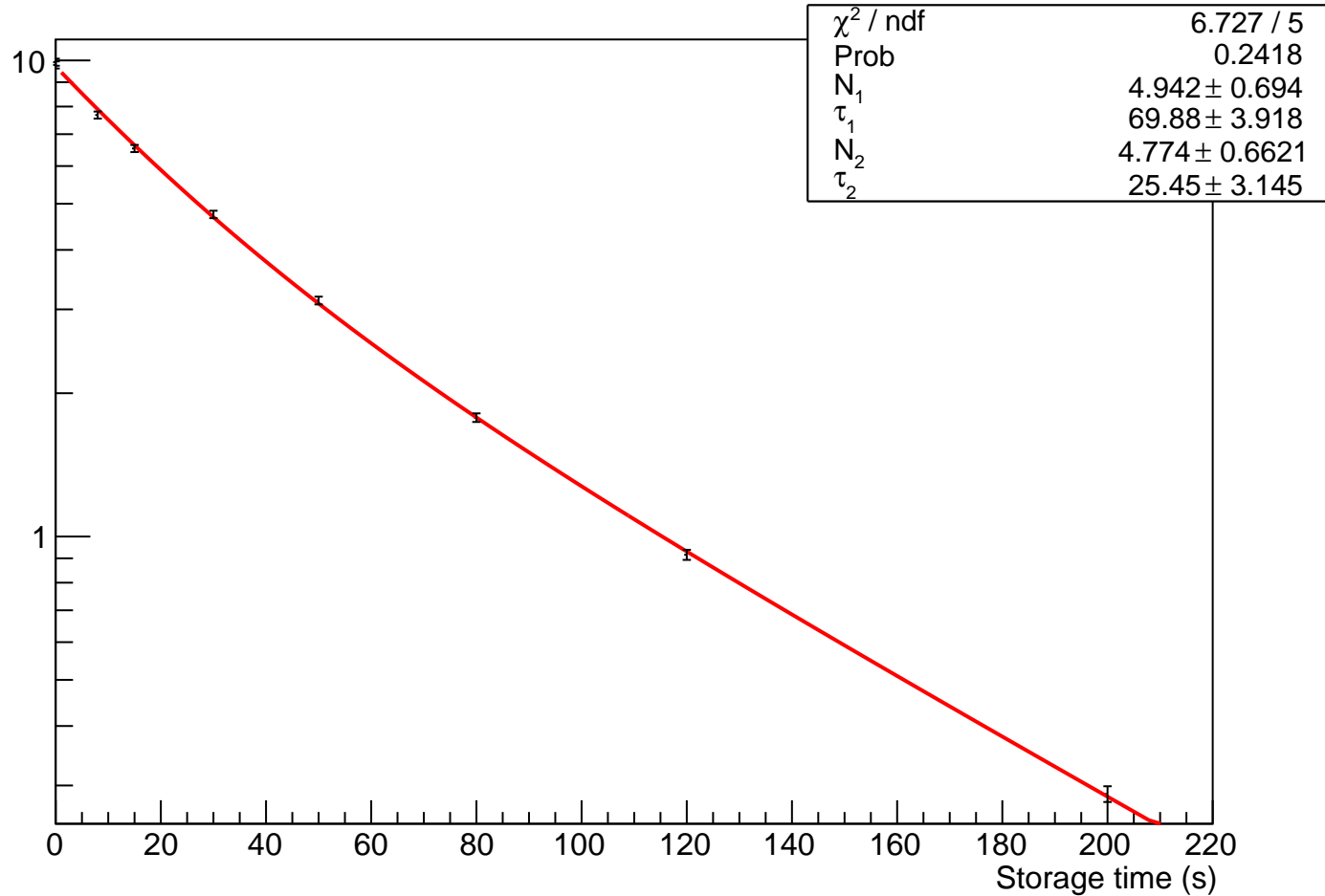
UCN-count-to-monitor ratio

χ^2 / ndf	91.13 / 5
Prob	3.884e-18
p0	8.302 ± 0.09953
τ	54.72 ± 0.5806

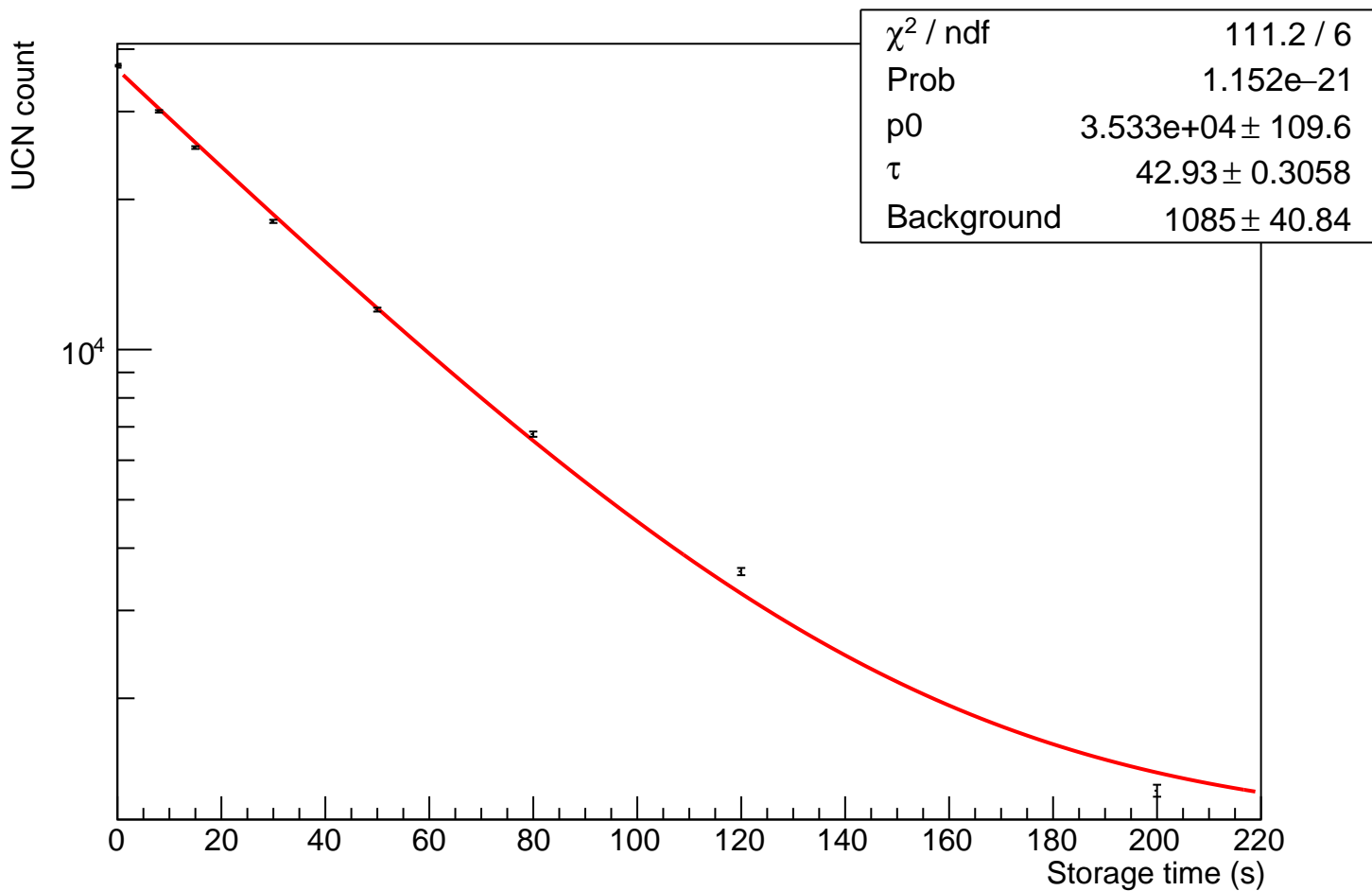


TCN18-382 (double exponential fit, with background subtracted, normalized to monitor detector)

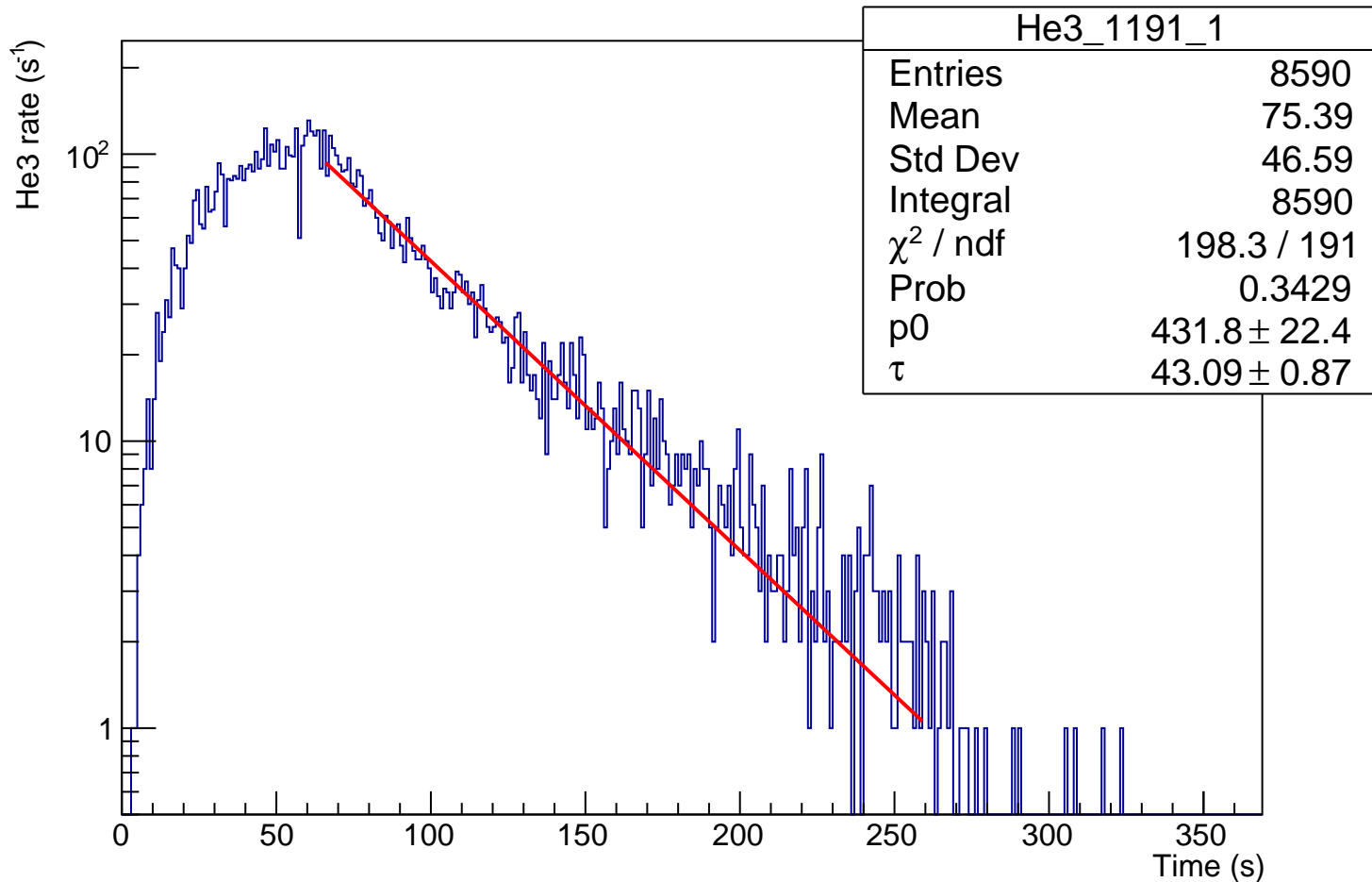
UCN-count-to-monitor ratio



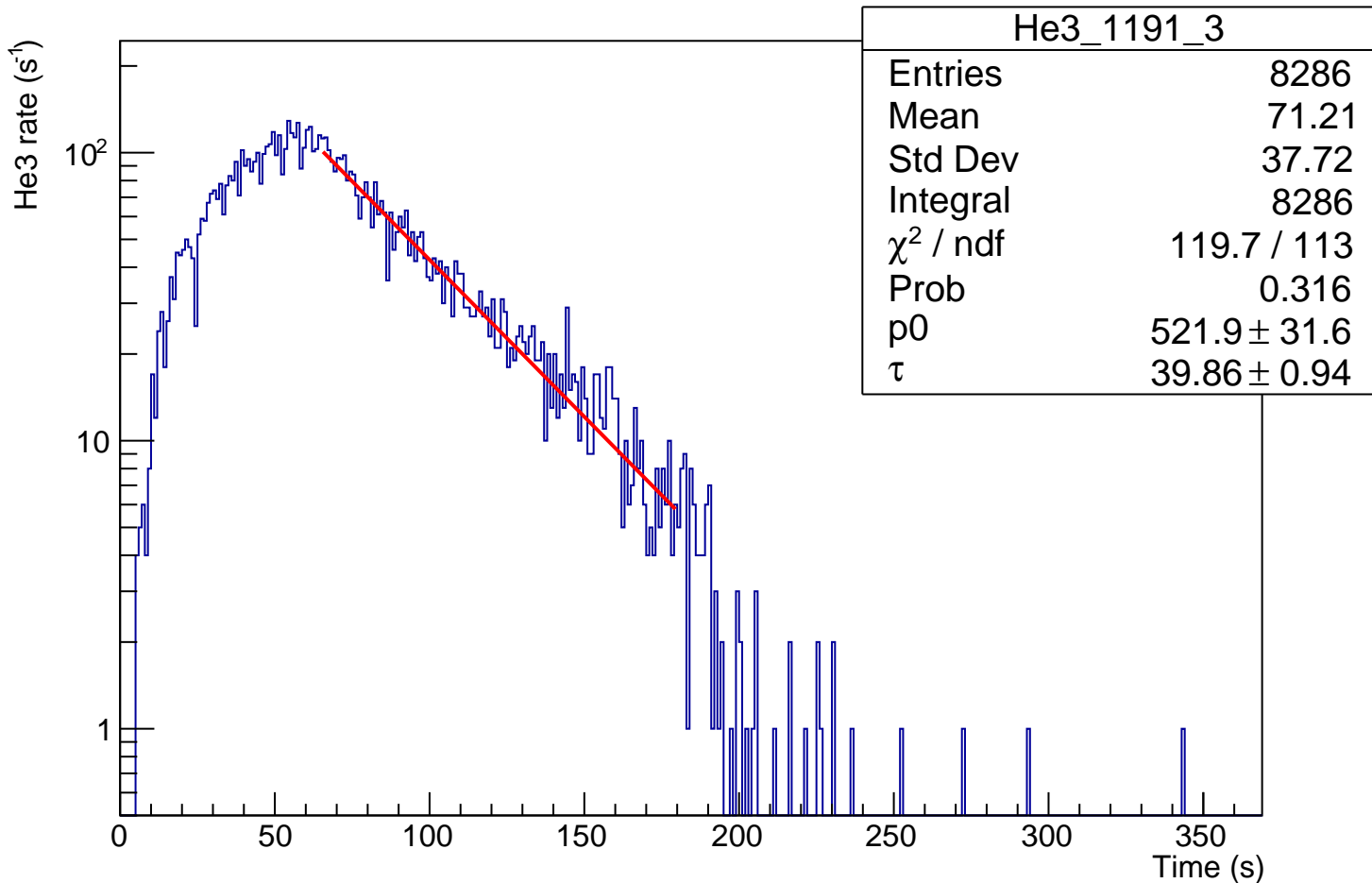
TCN18-382 (single exponential fit + background, unnormalized)



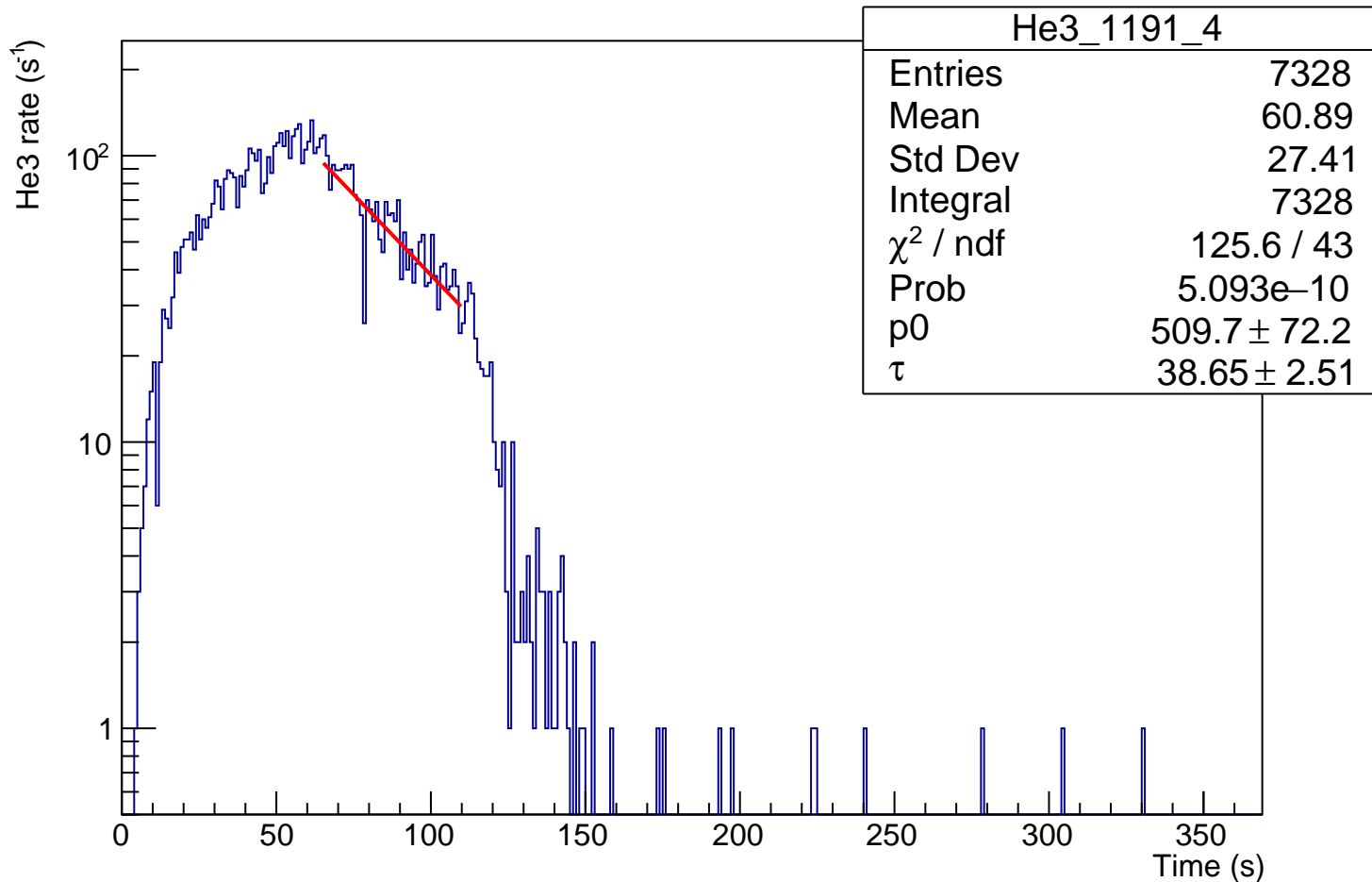
He3 detector rate



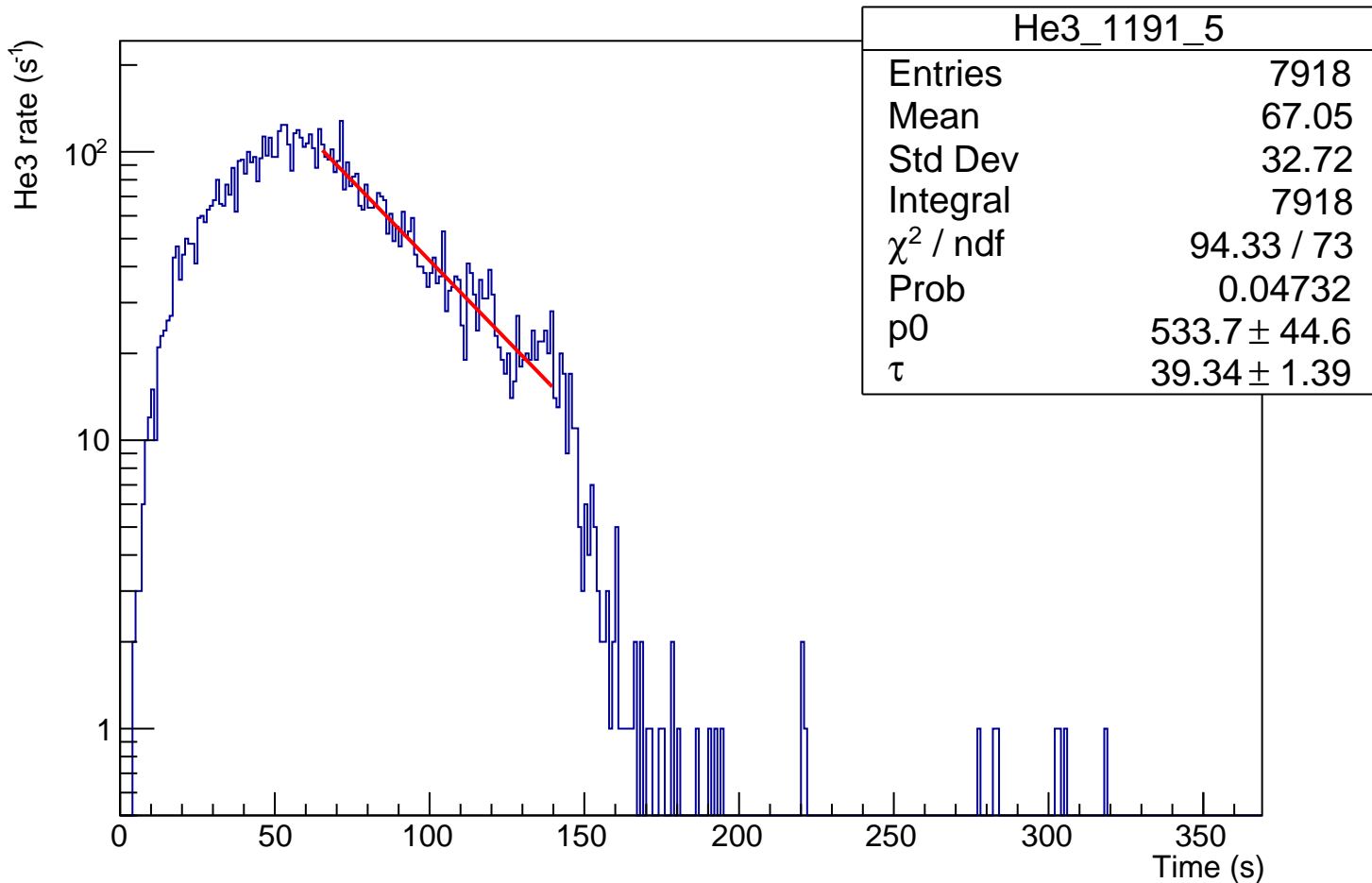
He3 detector rate



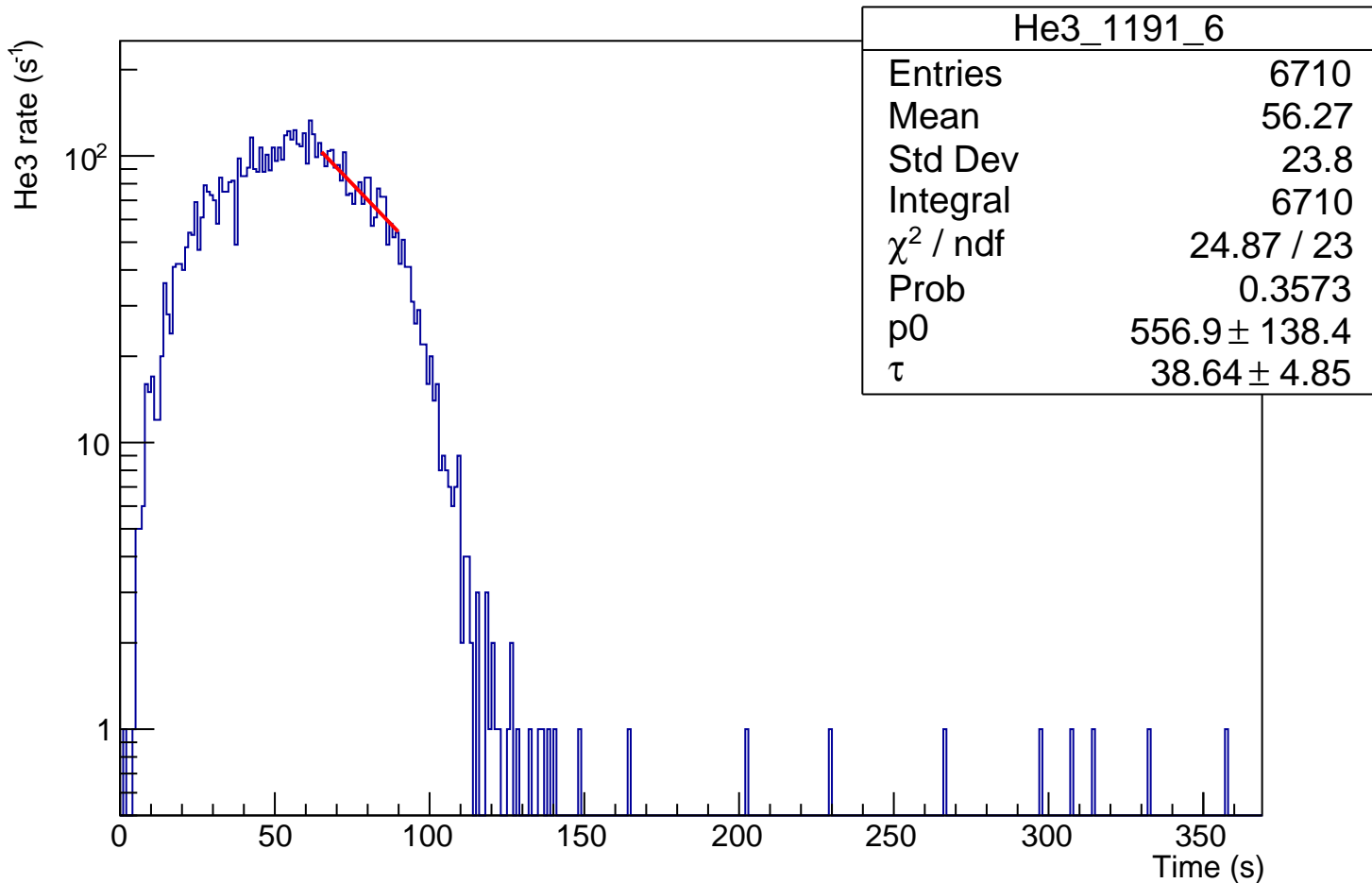
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 41.0475977261 \pm 0.0995853431809 \text{ s}$$