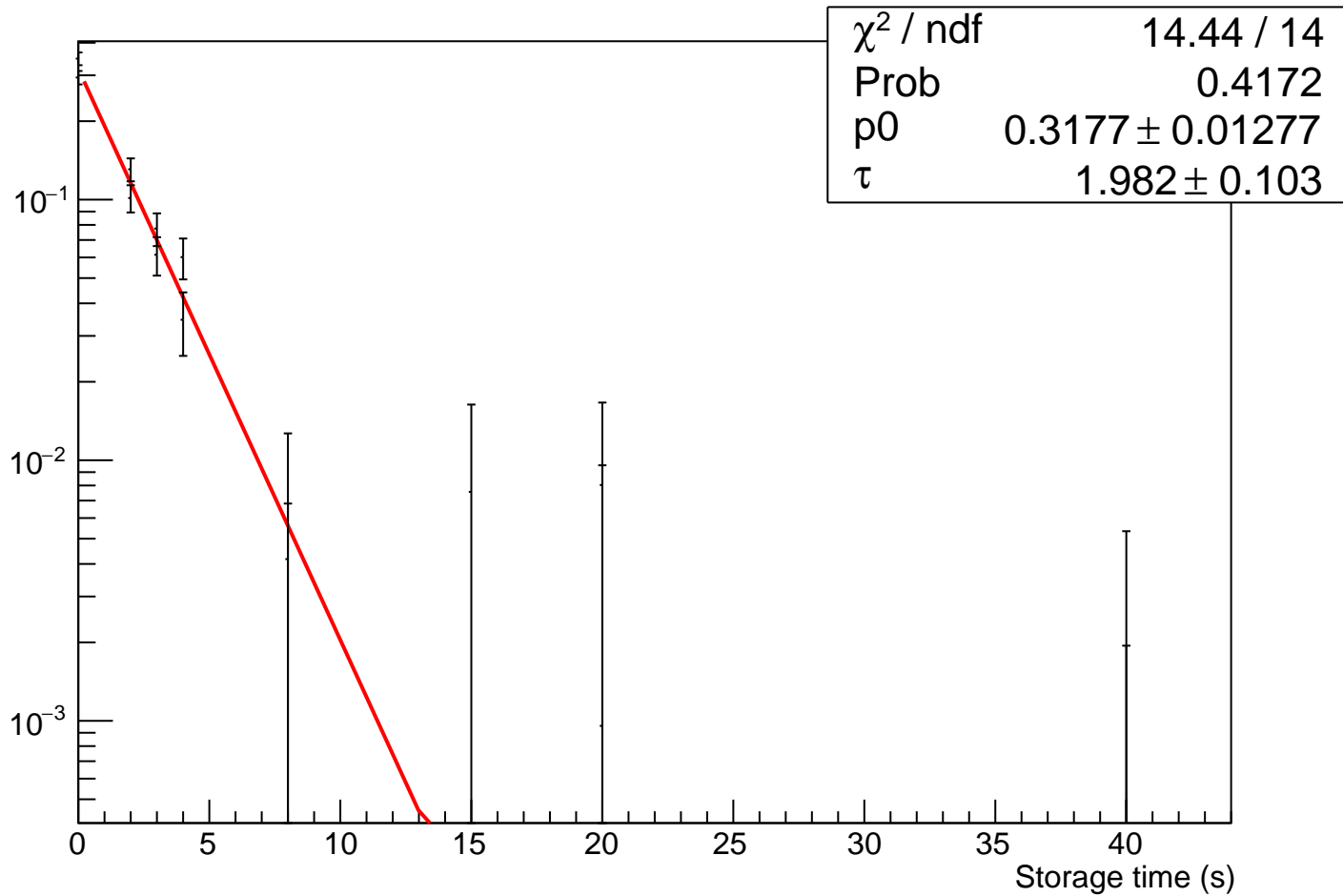
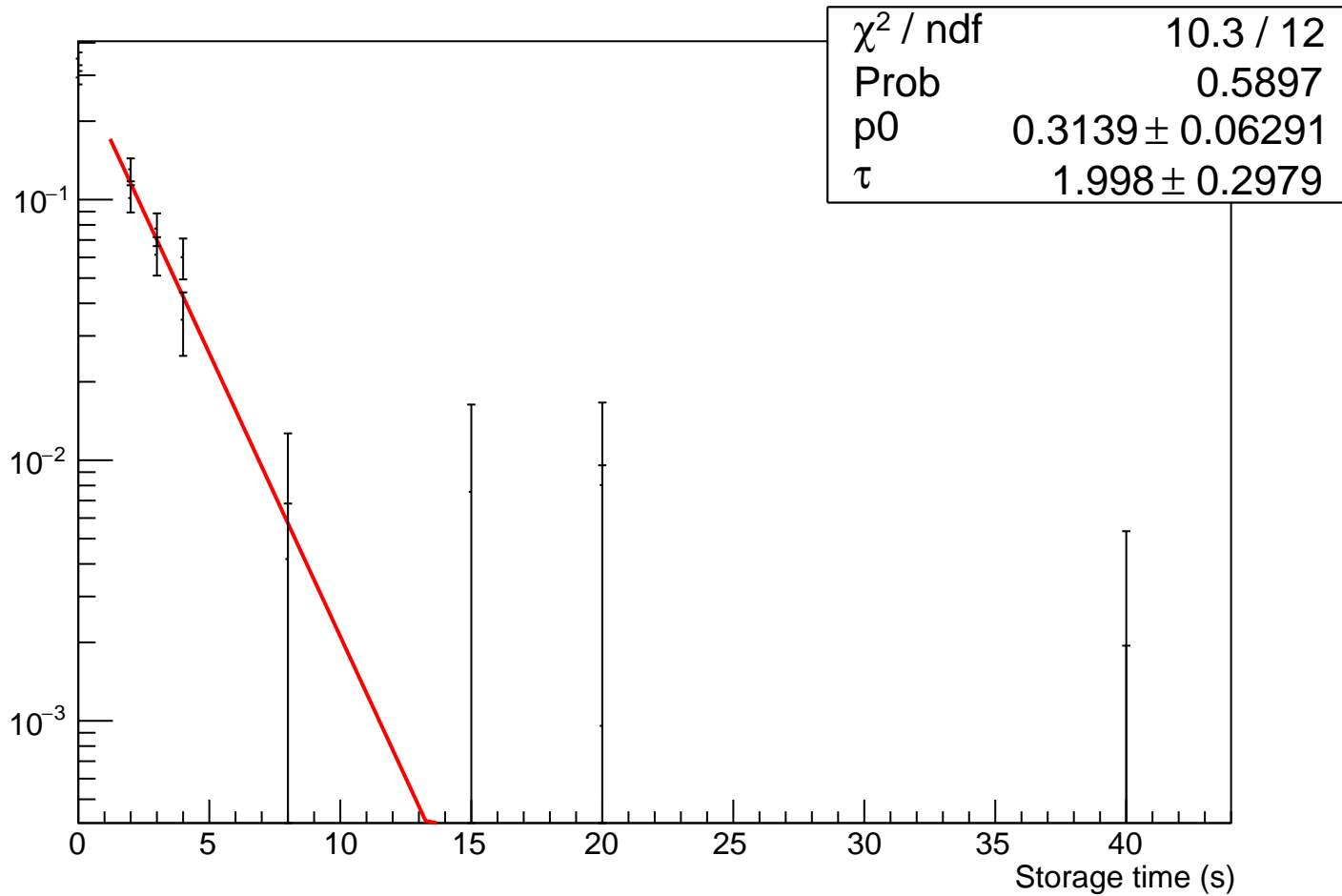


TCN18-116 (single exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio

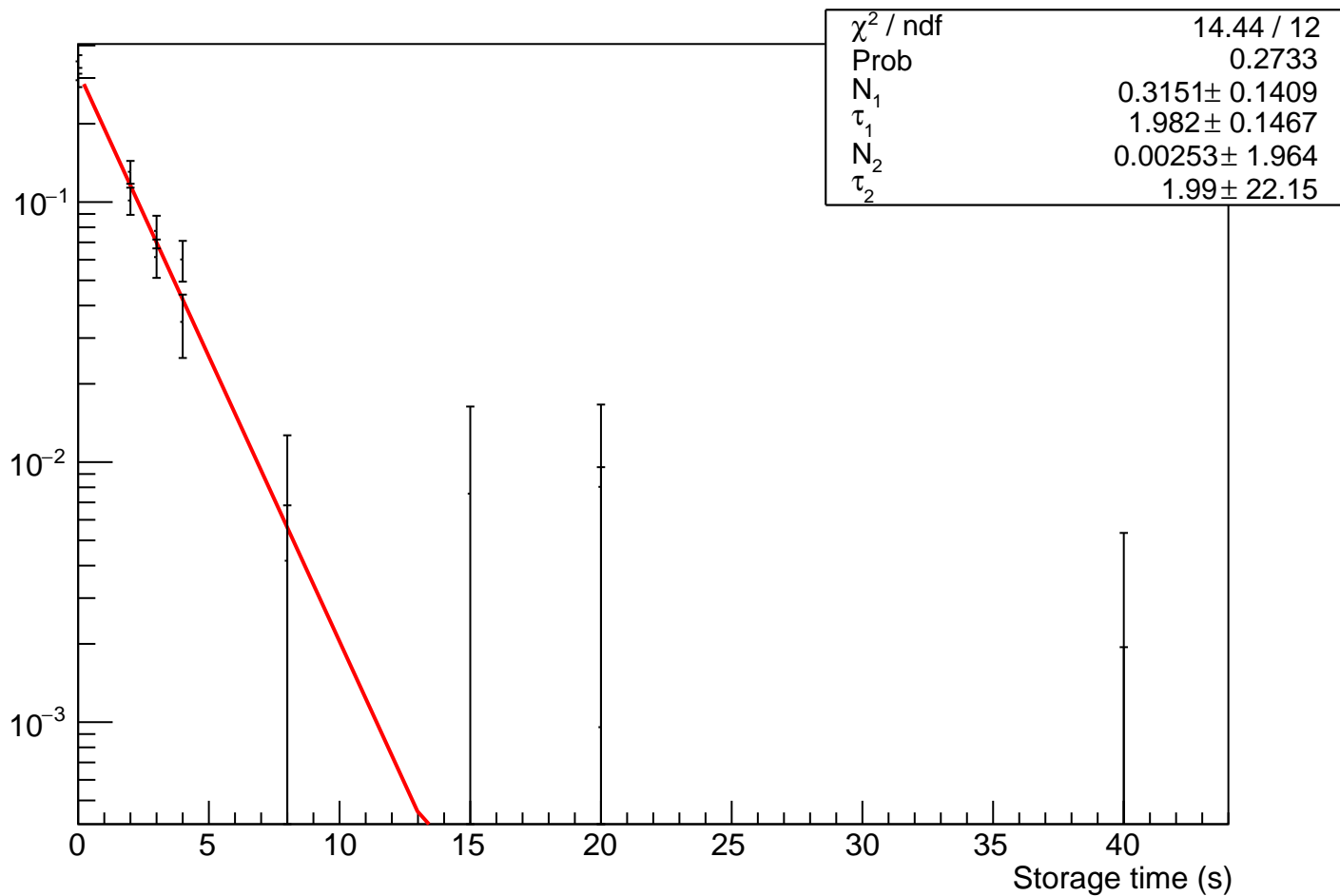


UCN-count-to-monitor ratio



TCN18-116 (double exponential fit, with background subtracted, normalized to monitor detector)

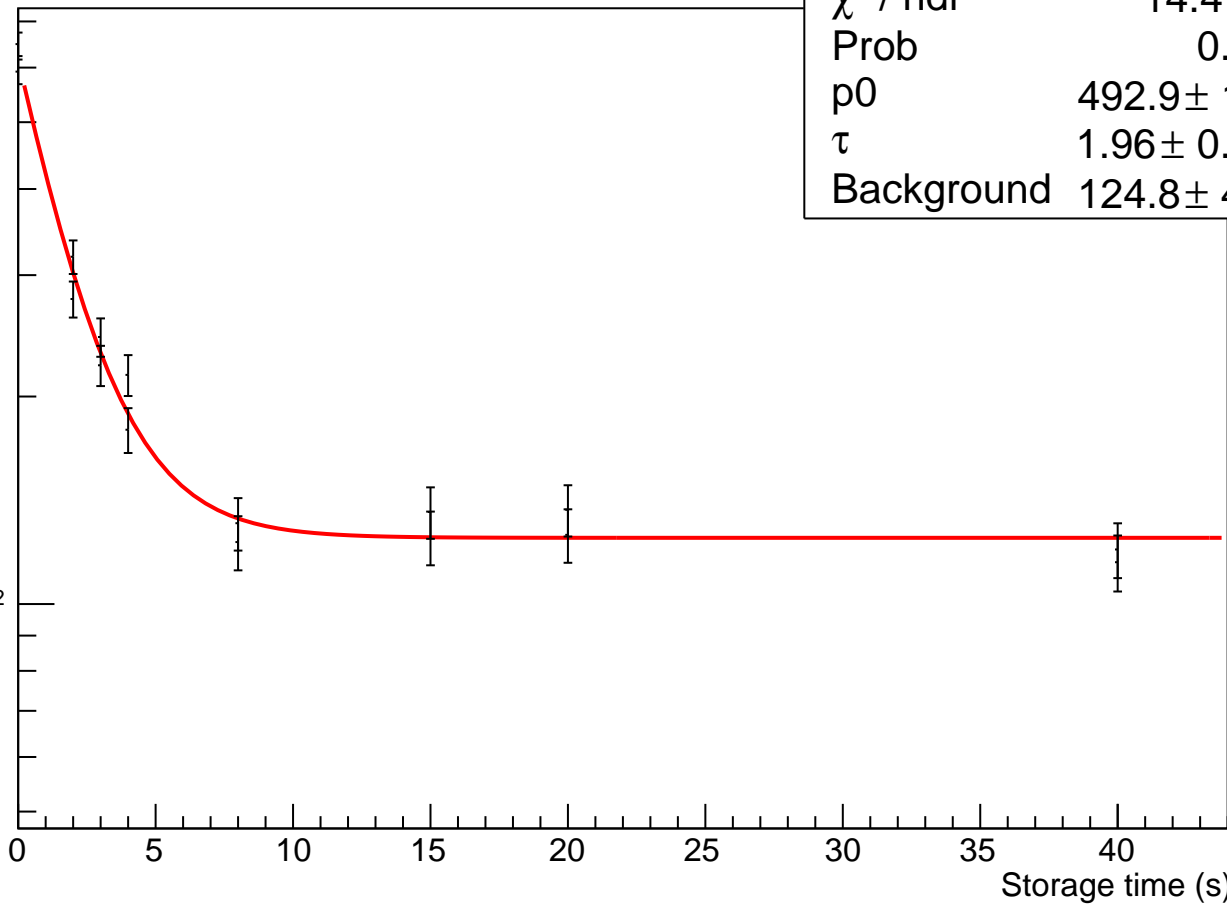
UCN-count-to-monitor ratio



TCN18-116 (single exponential fit + background, unnormalized)

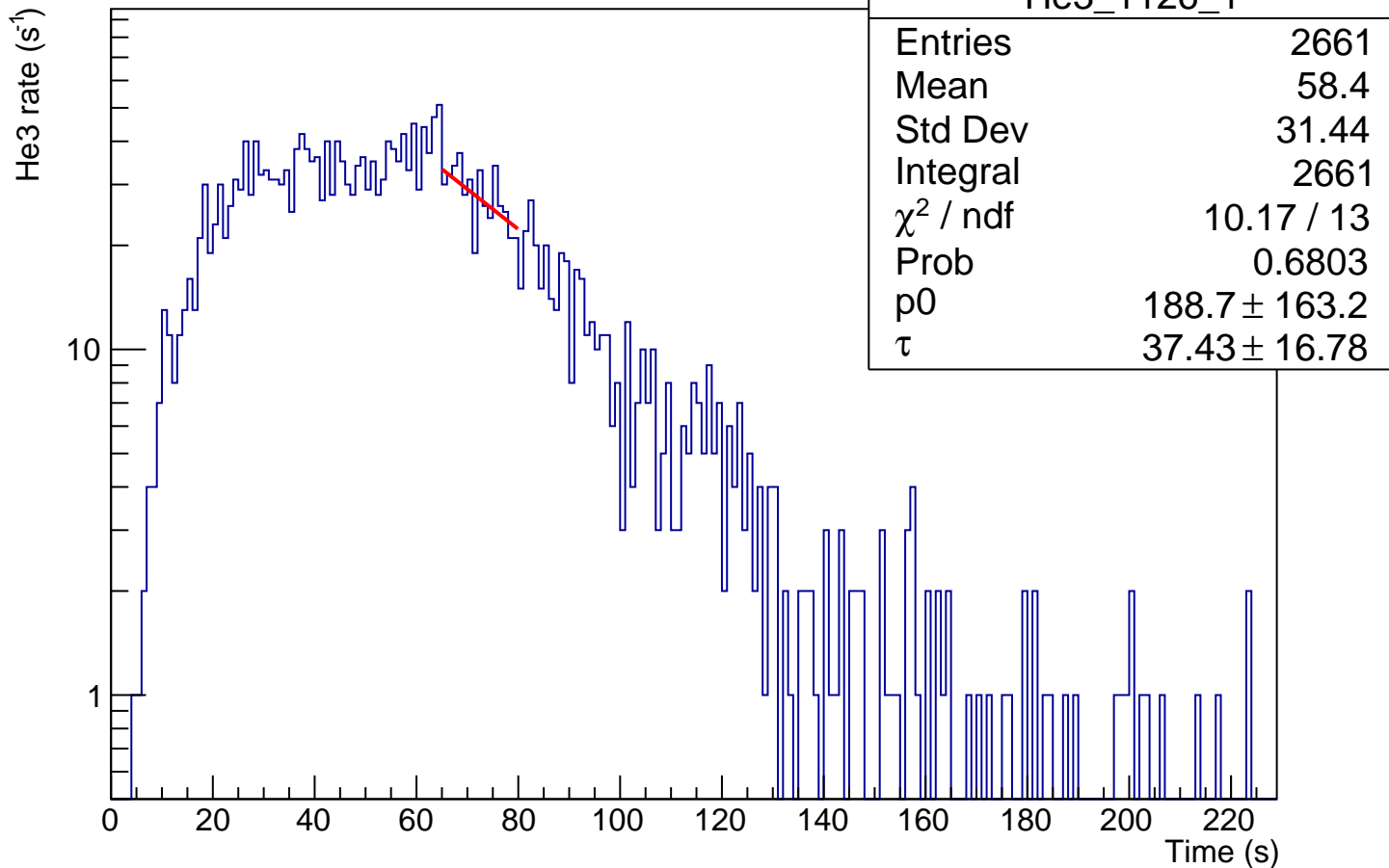
UCN count

10^2

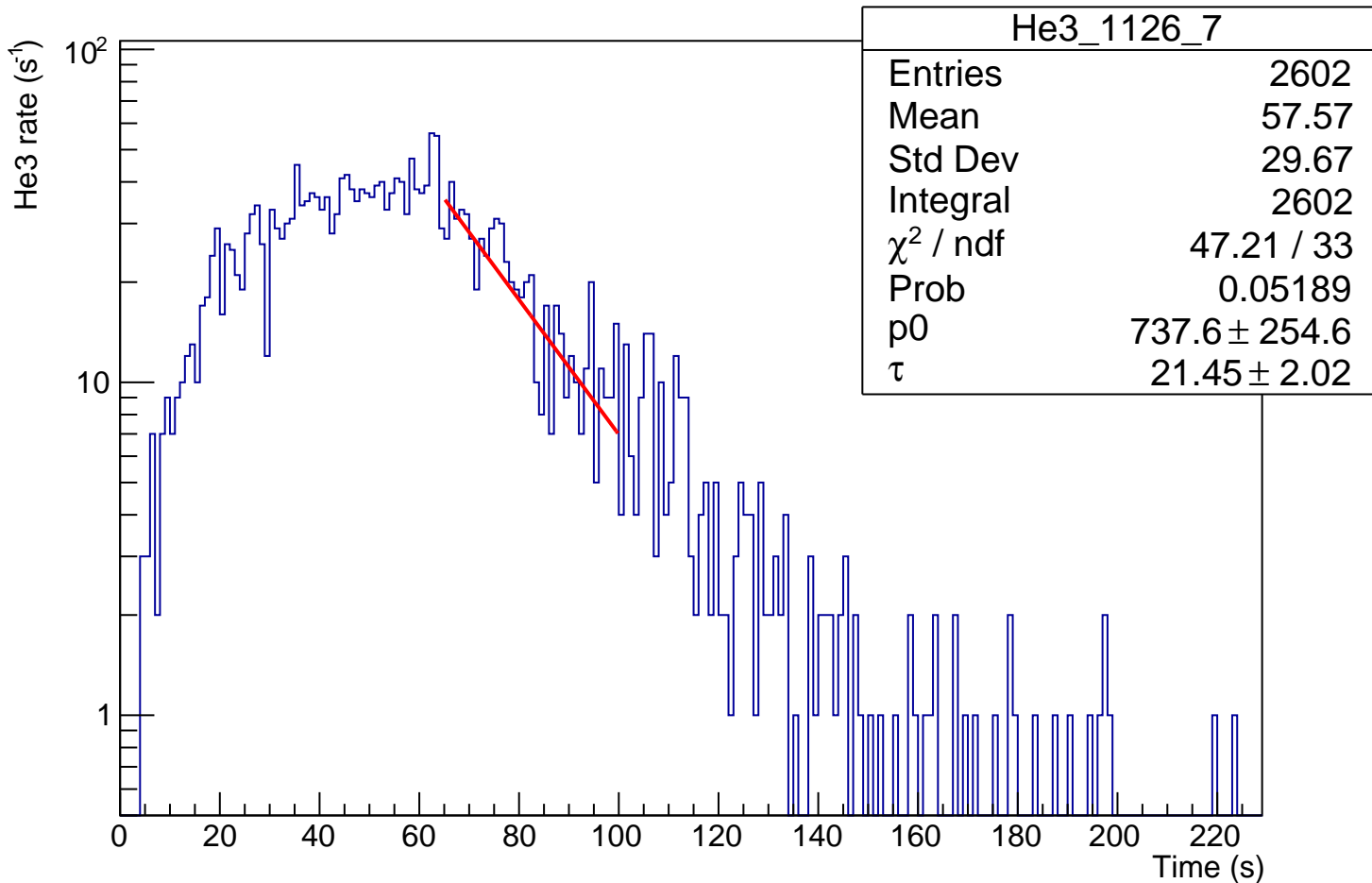


χ^2 / ndf	14.47 / 13
Prob	0.3418
p0	492.9 ± 17.58
τ	1.96 ± 0.1033
Background	124.8 ± 4.142

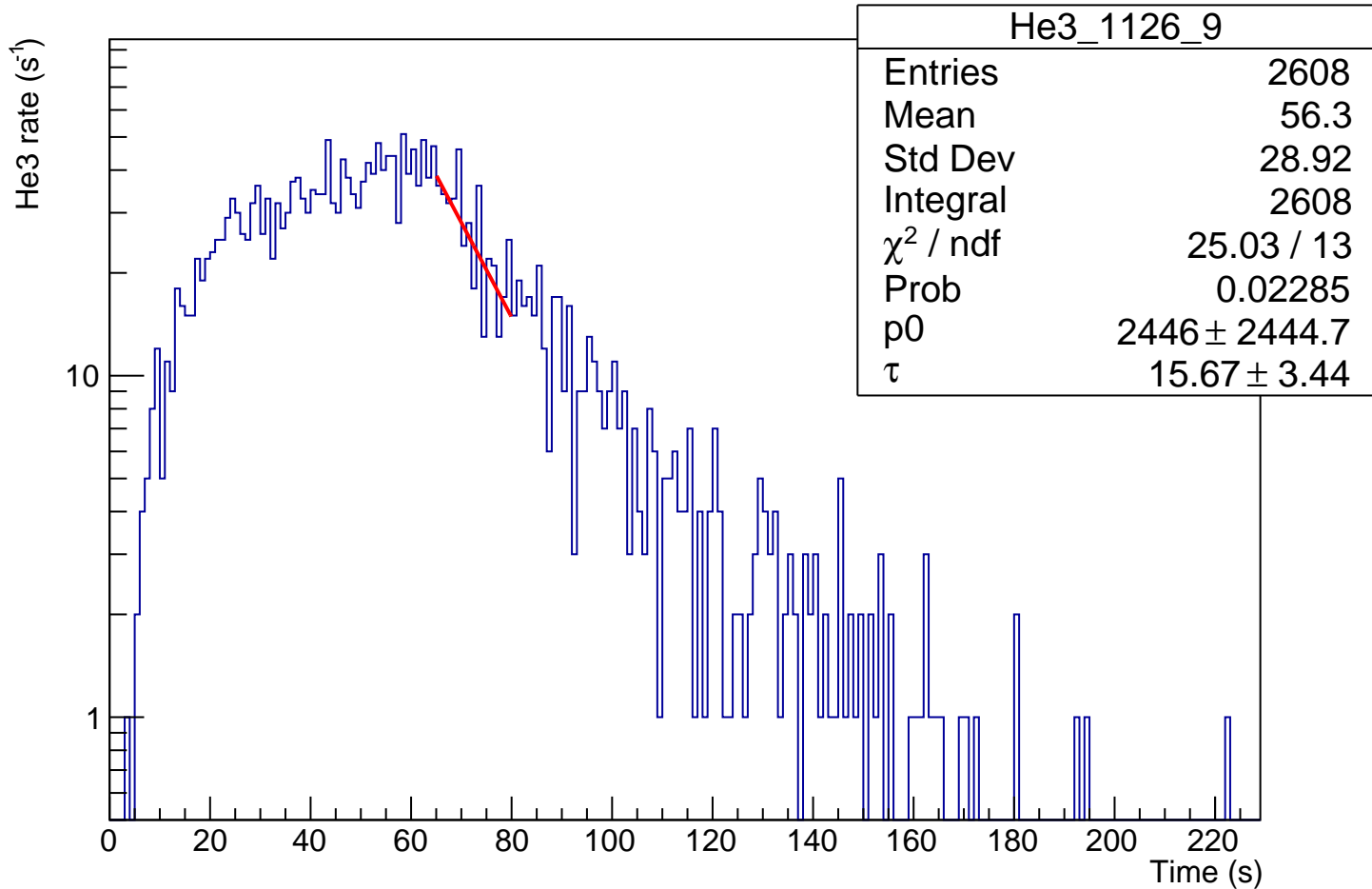
He3 detector rate



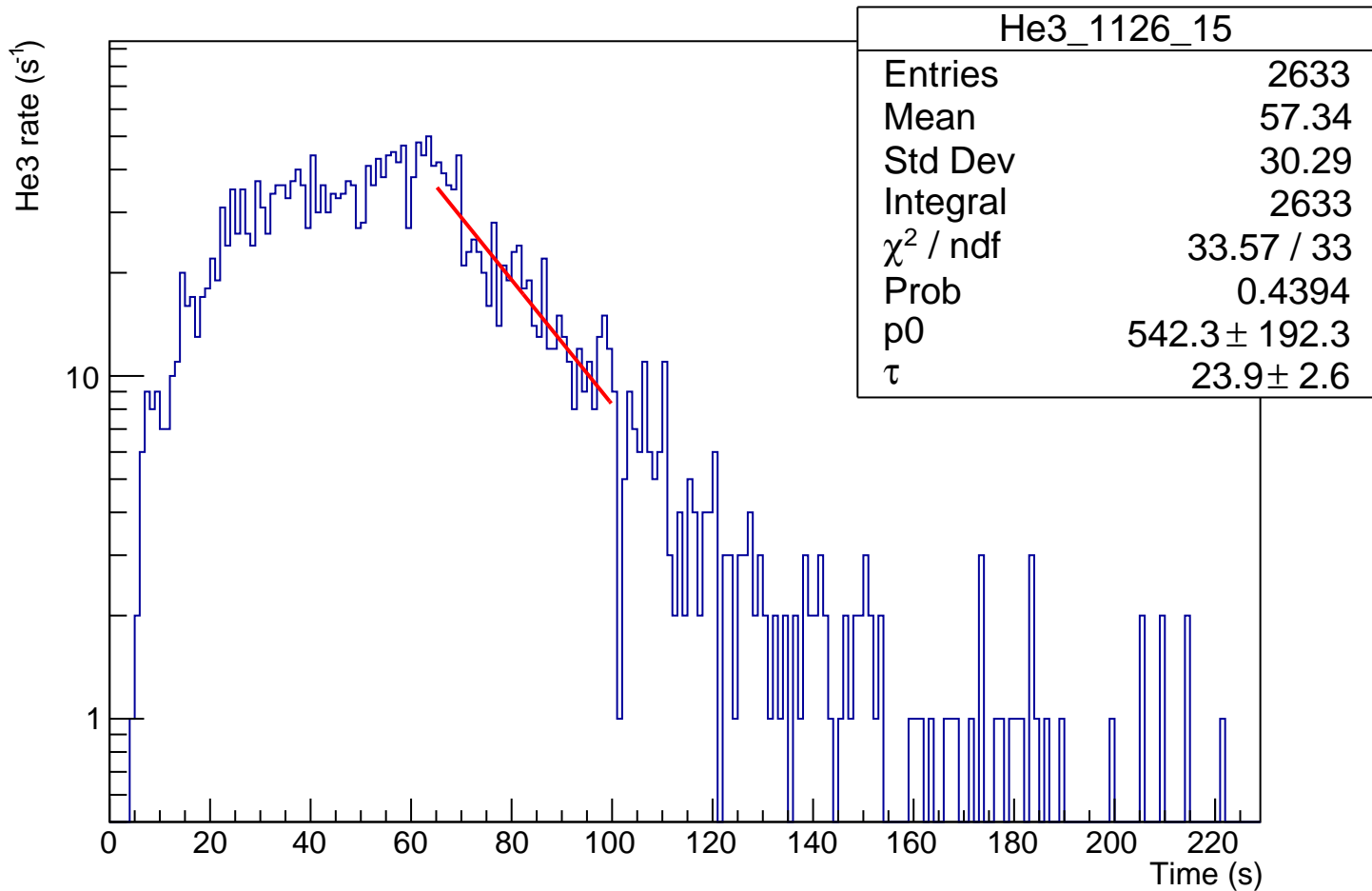
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 21.3245853164 \pm 4.26552741388 \text{ s}$$