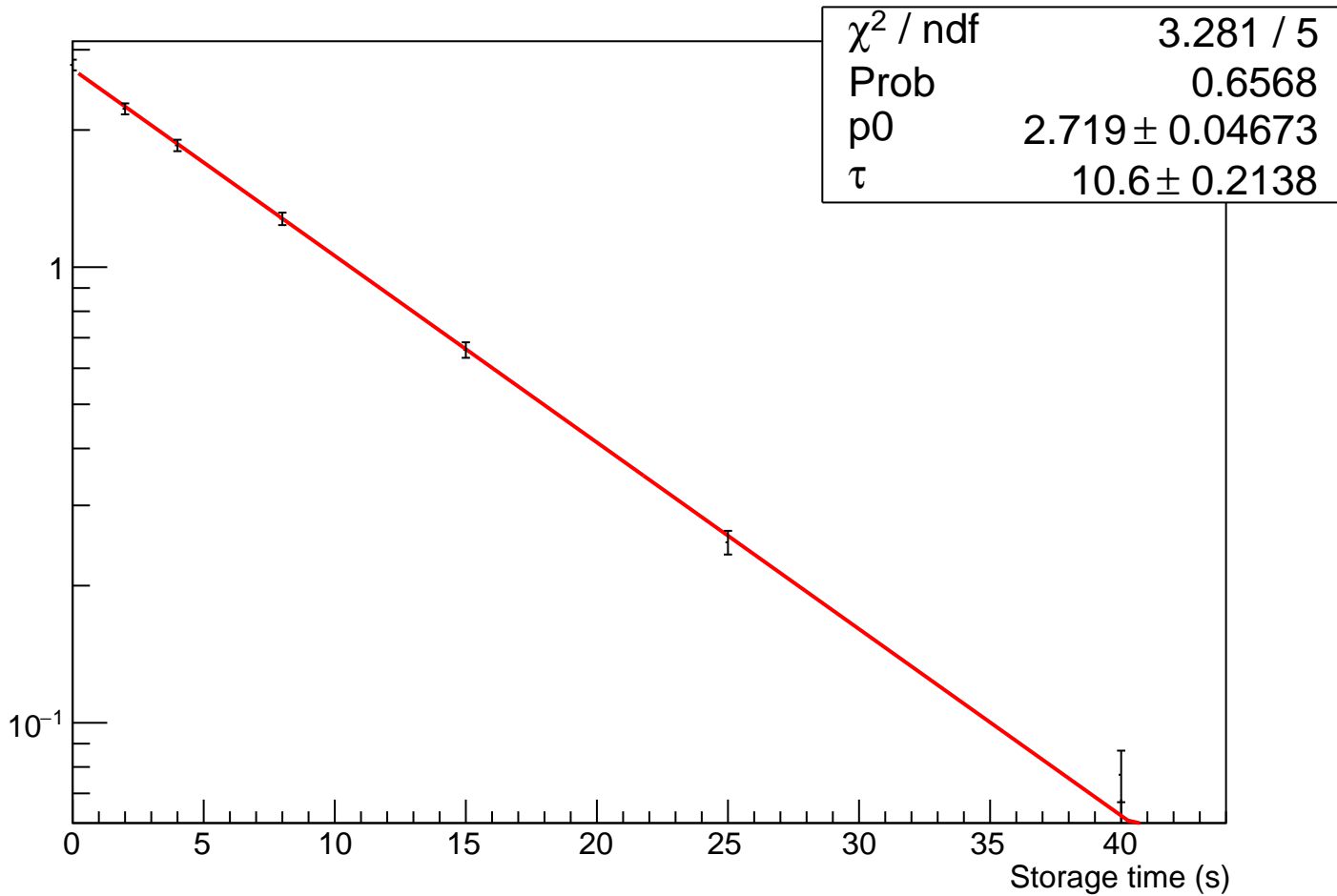
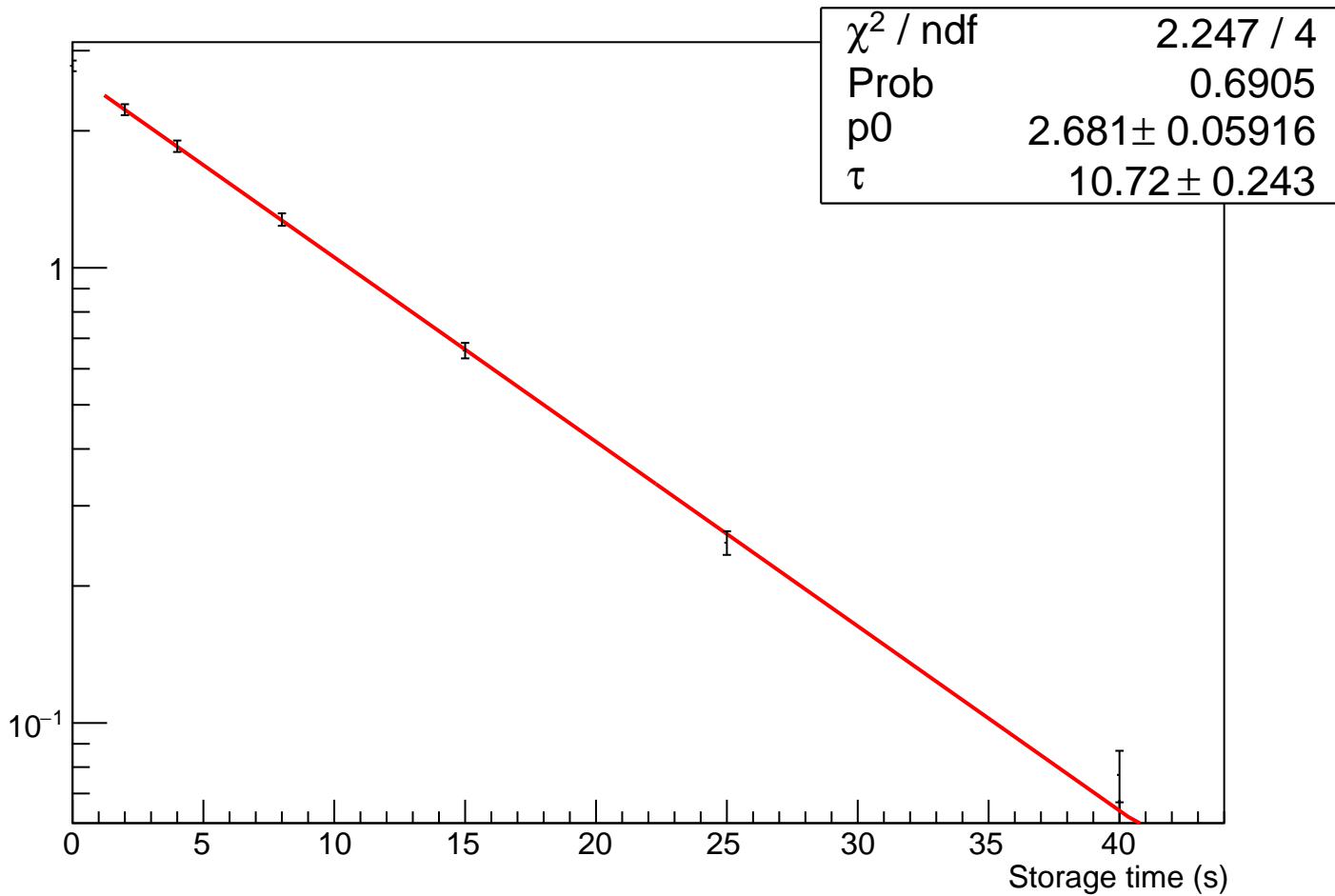


TCN18-268_150A (single exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio

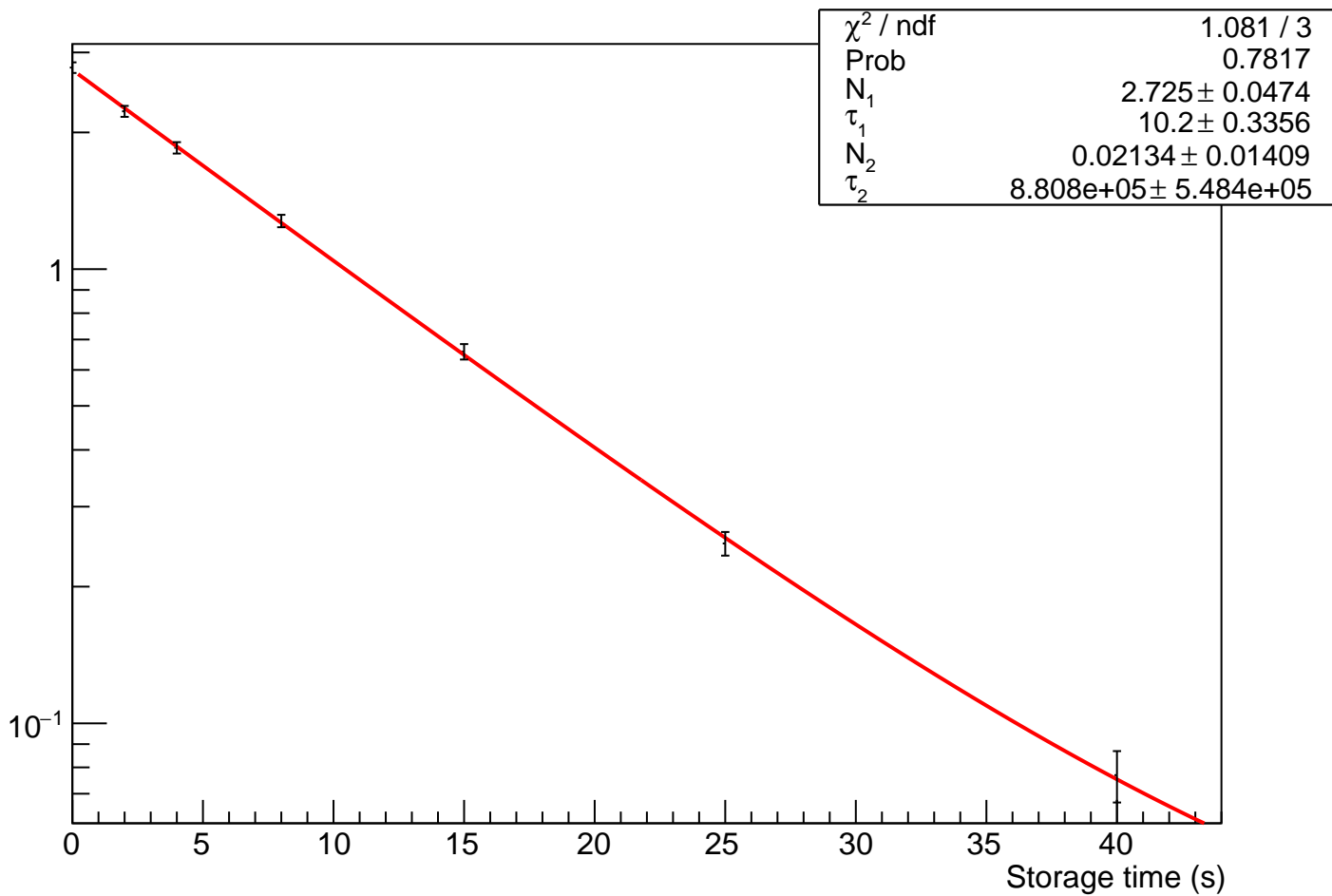


UCN-count-to-monitor ratio



TCN18-268_150A (double exponential fit, with background subtracted, normalized to monitor detector)

UCN-count-to-monitor ratio



TCN18-268_150A (single exponential fit + background, unnormalized)

UCN count

10^3

0

5

10

15

20

25

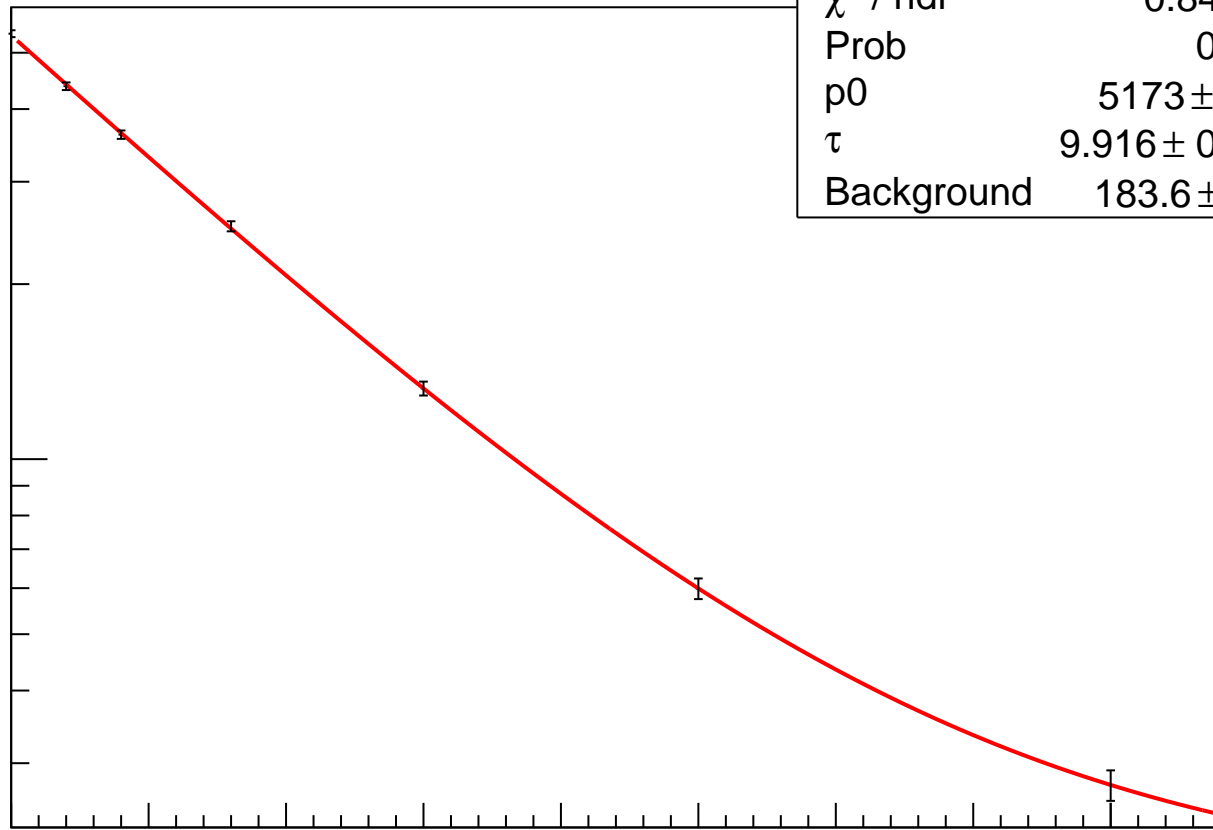
30

35

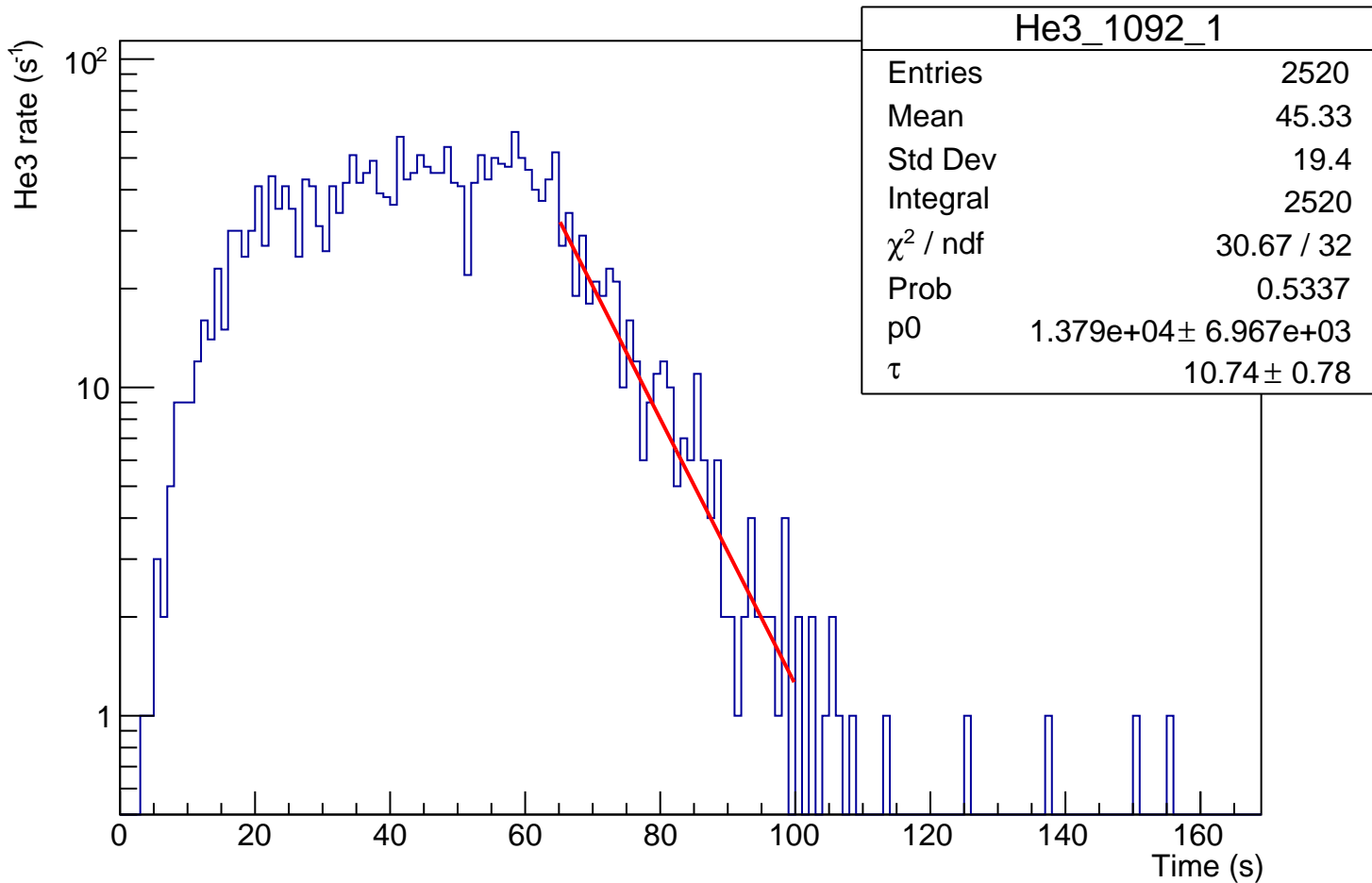
40

Storage time (s)

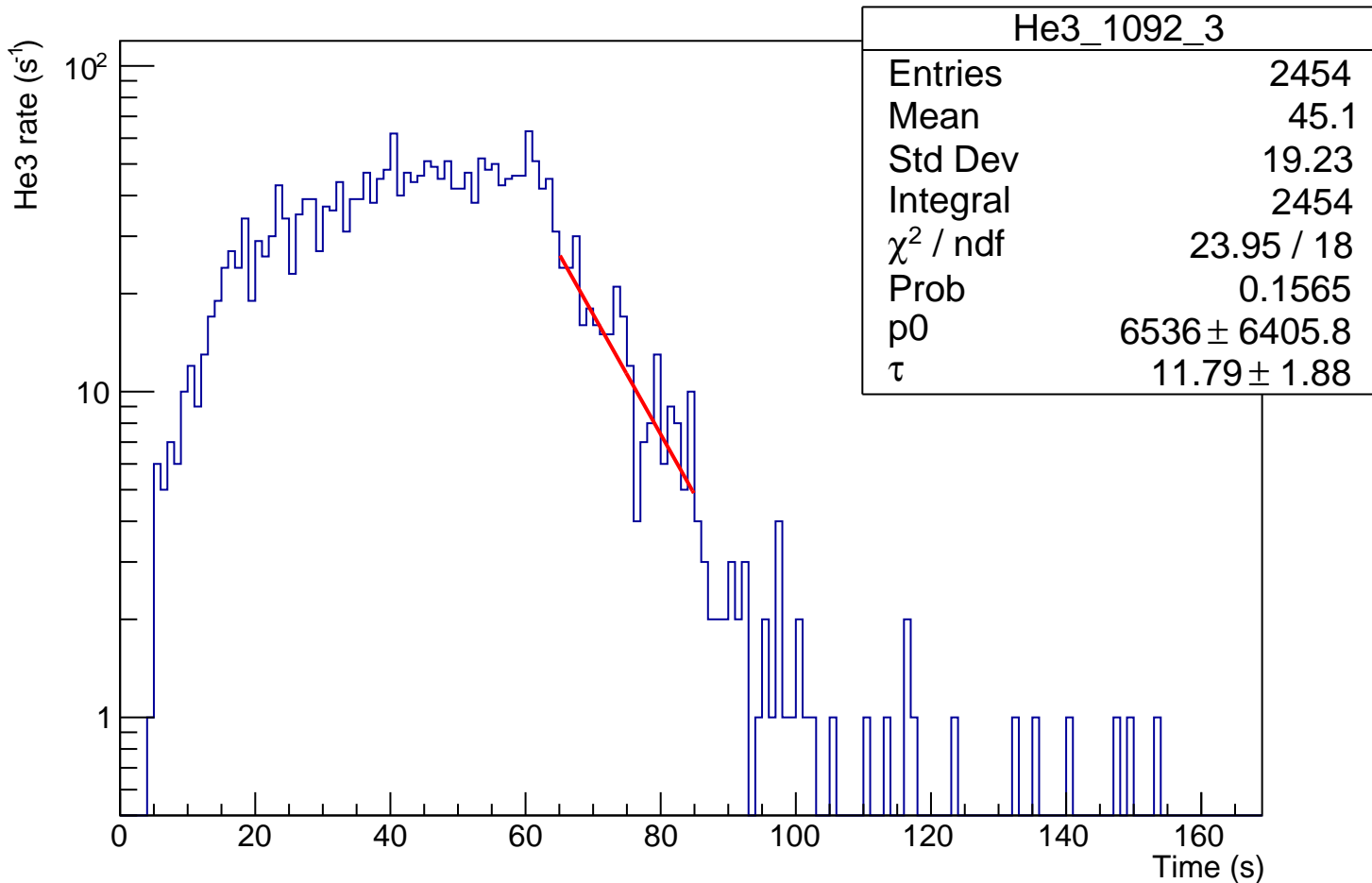
χ^2 / ndf	0.8477 / 4
Prob	0.9319
p0	5173 ± 51.91
τ	9.916 ± 0.2312
Background	183.6 ± 21.2



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 10.8928861403 \pm 0.269697411599 \text{ s}$$