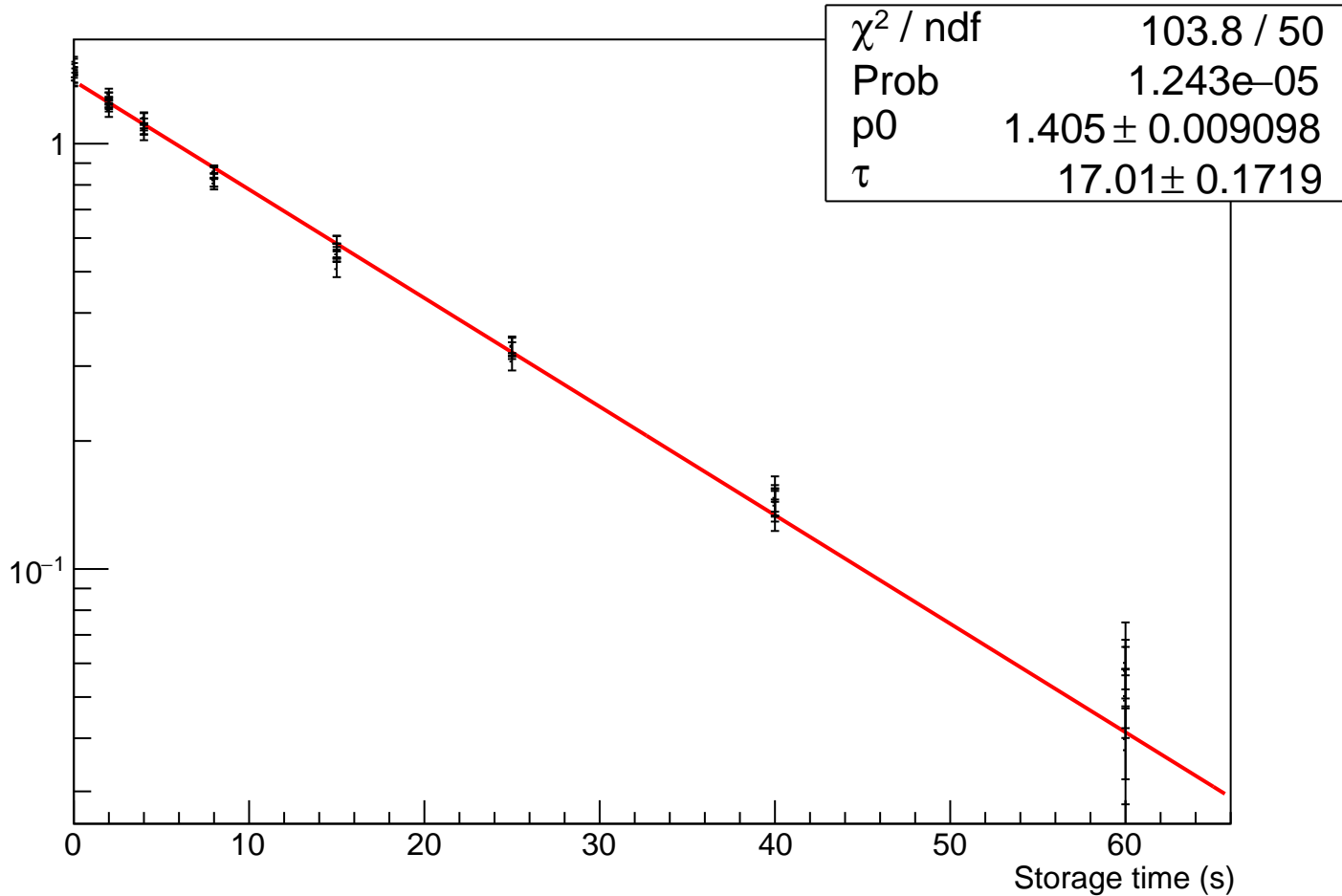
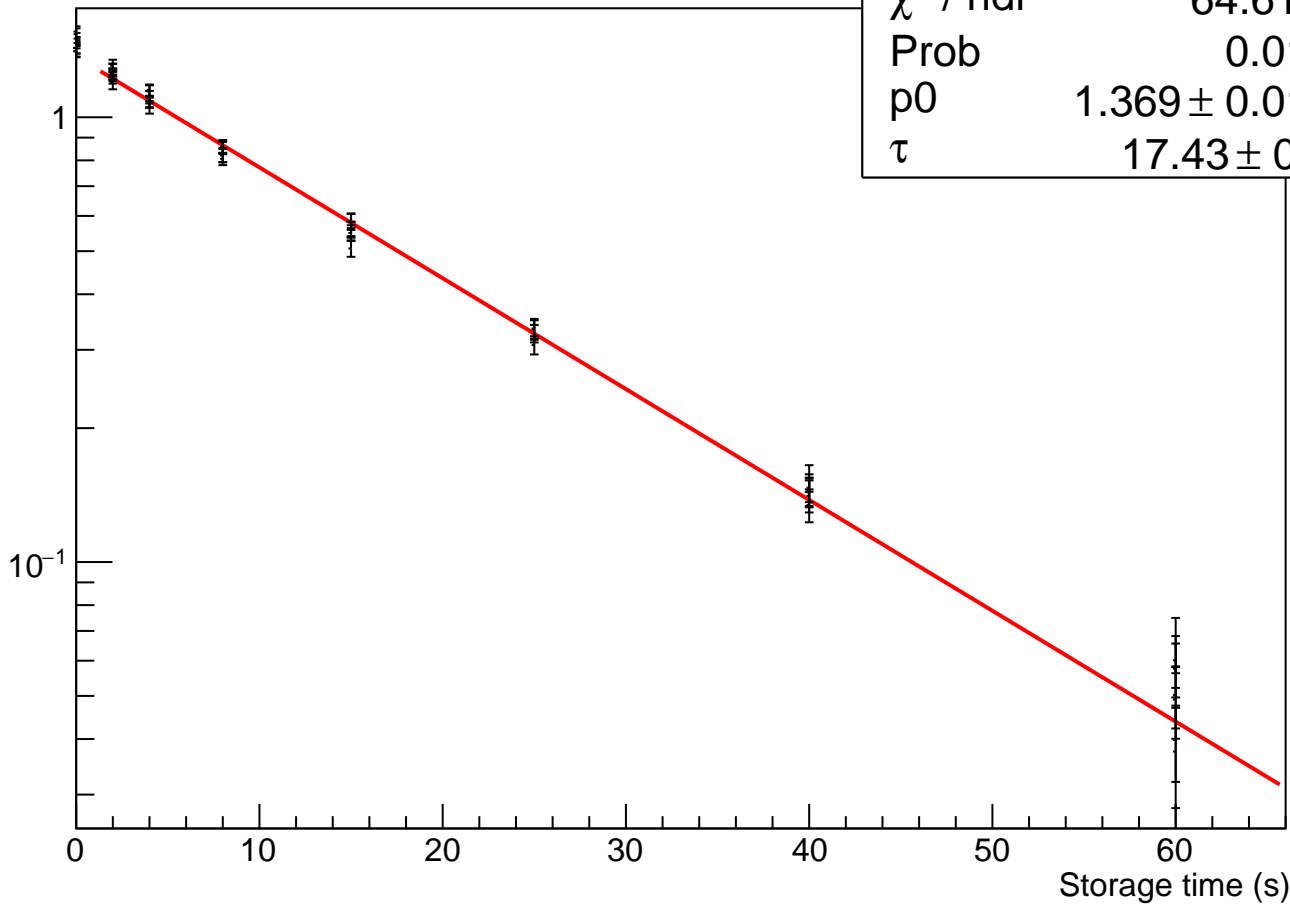


UCN-count-to-monitor ratio



UCN-count-to-monitor ratio

 χ^2 / ndf

64.61 / 42

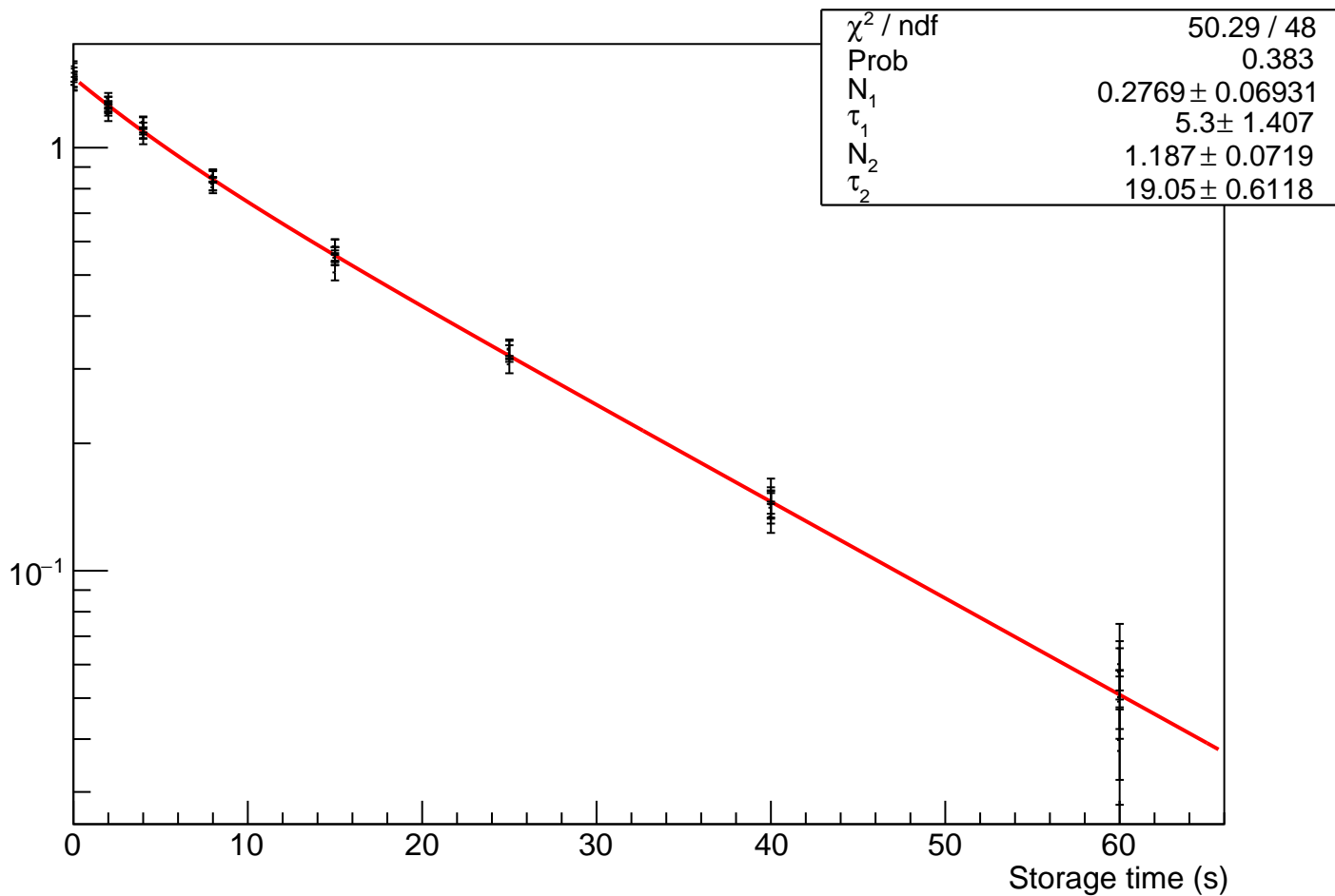
Prob

0.01403

p0

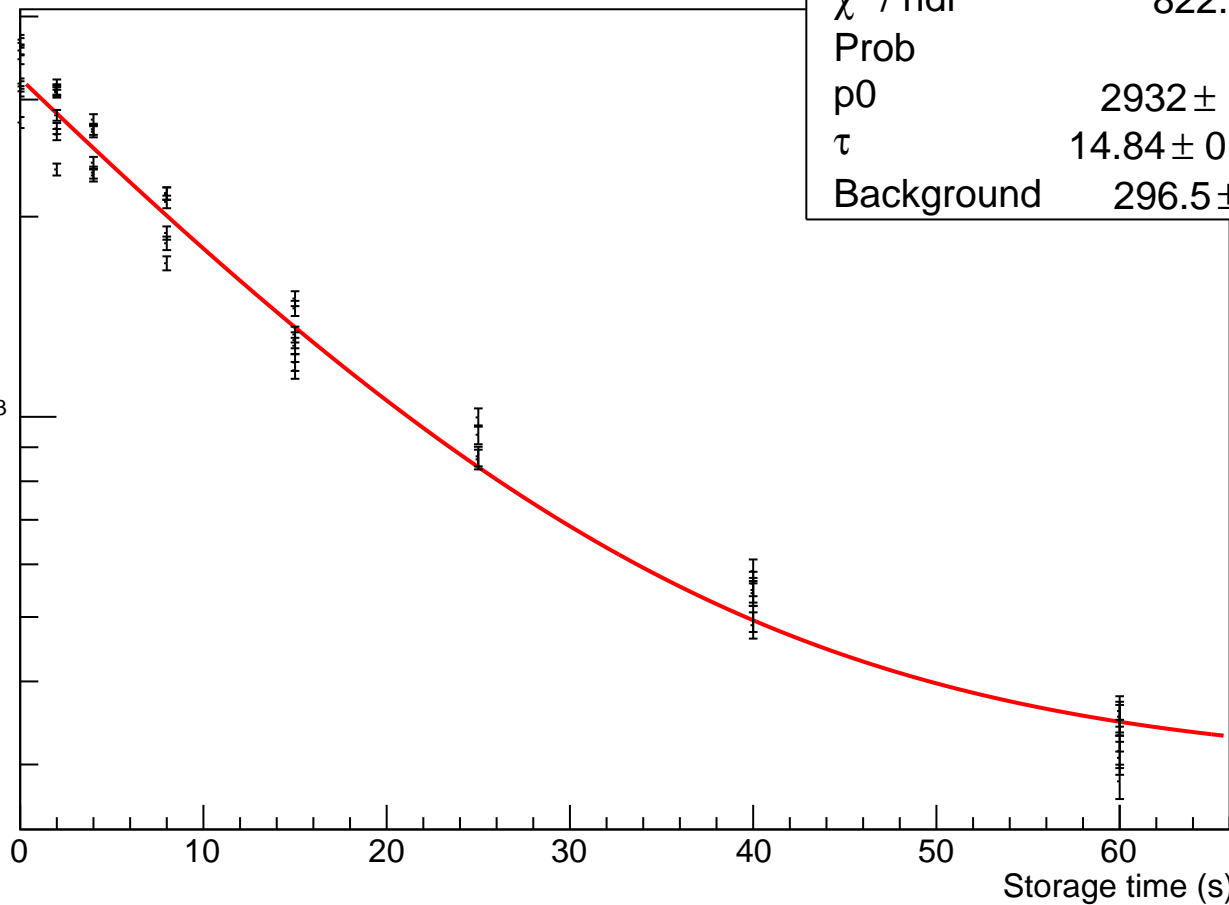
 1.369 ± 0.01128 τ 17.43 ± 0.193

UCN-count-to-monitor ratio



TCN18-061 (UGD10+17+11, IV2-IV3) (single exponential fit + background, unnormalized)

UCN count

 10^3  χ^2 / ndf

822.6 / 49

Prob

0

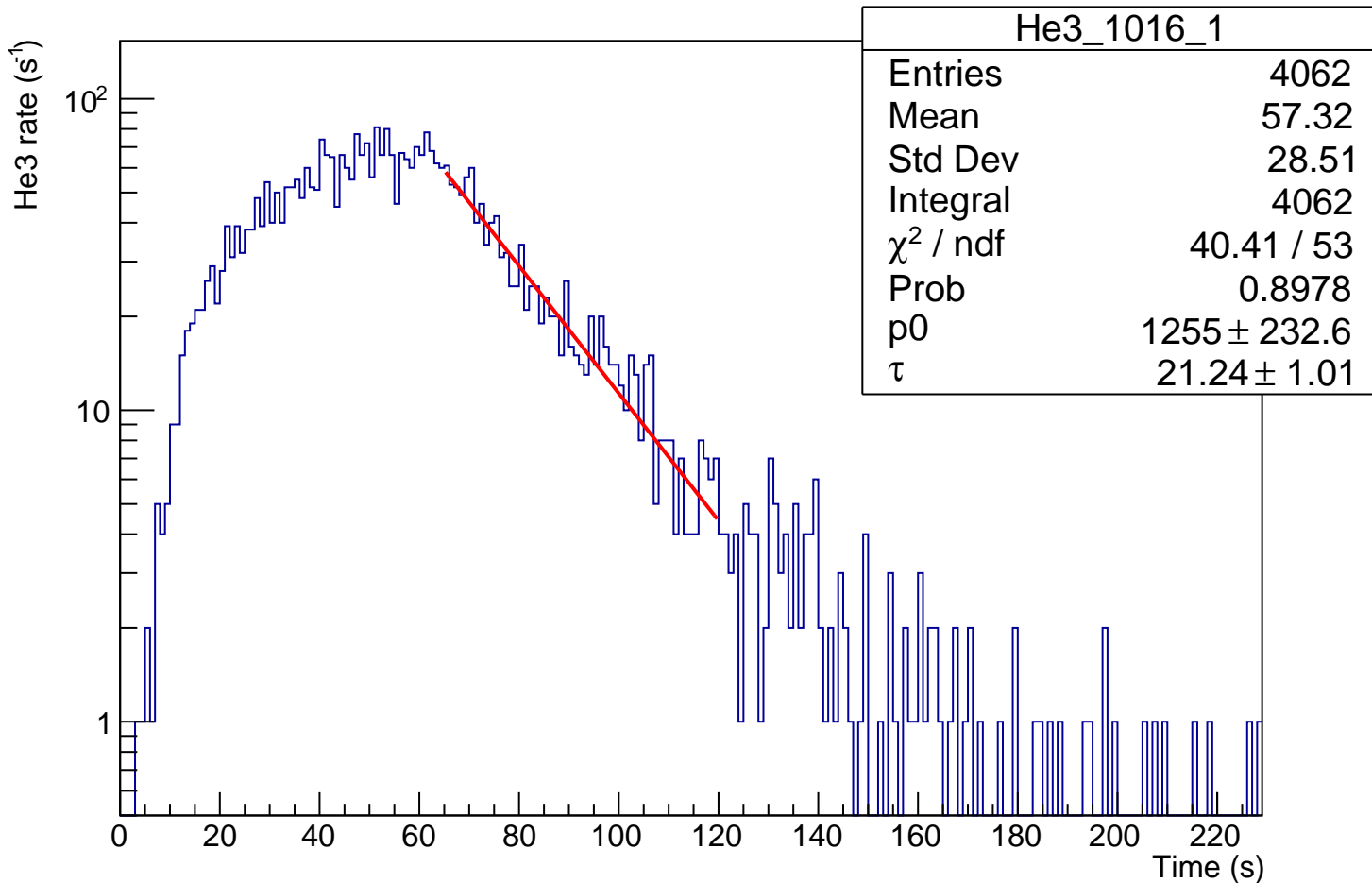
p0

 2932 ± 14.36 τ 14.84 ± 0.2096

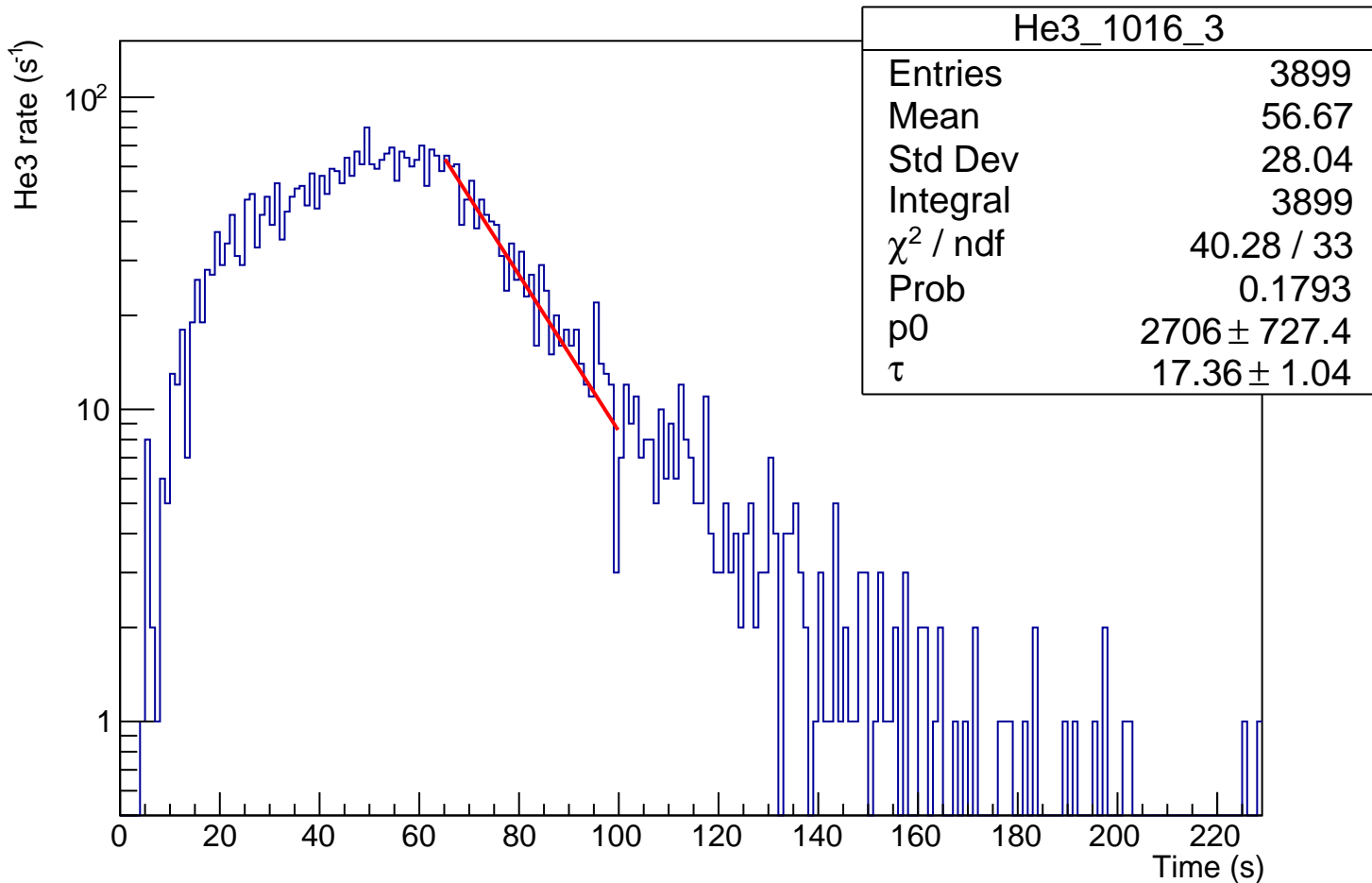
Background

 296.5 ± 8.2

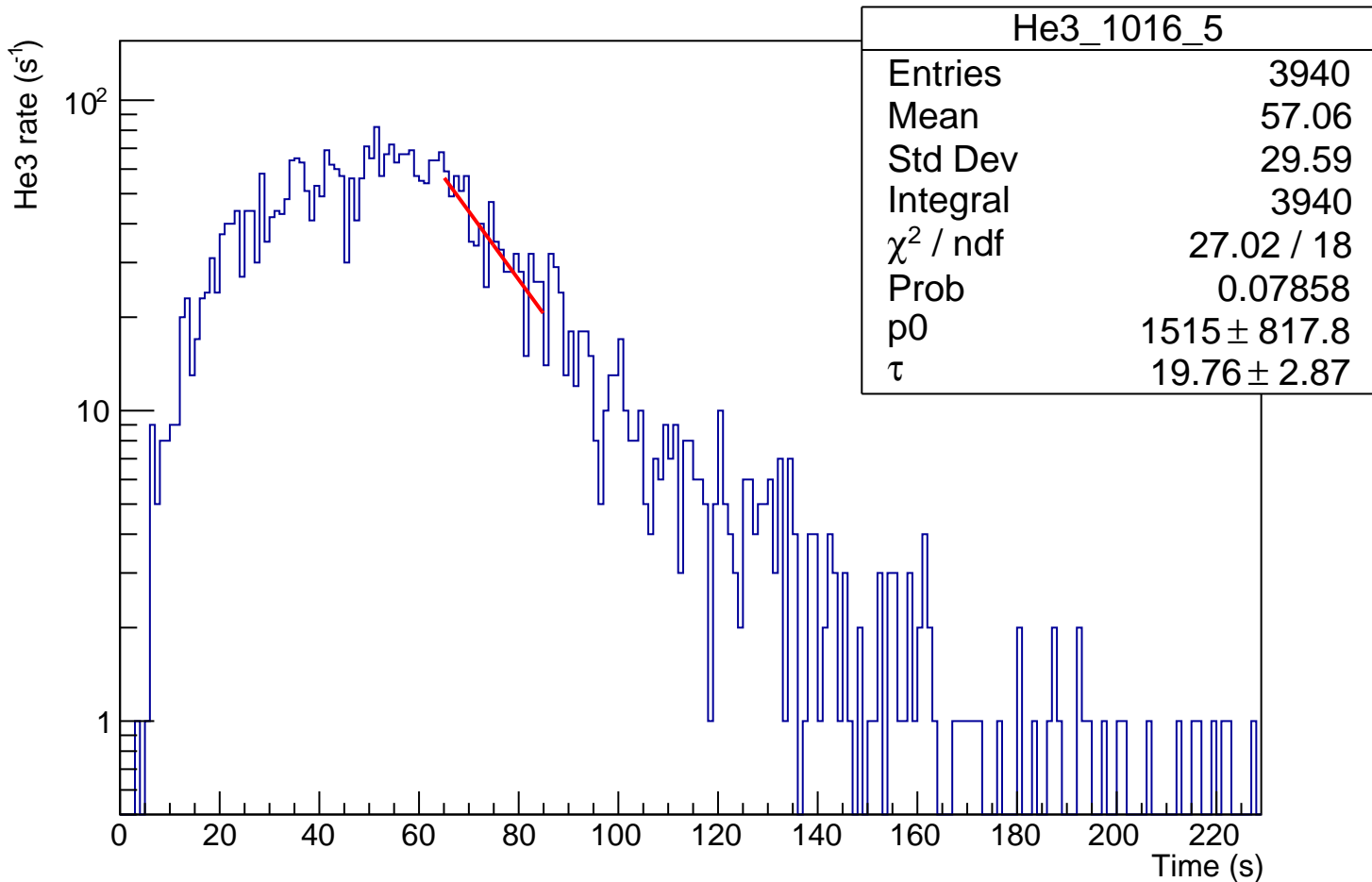
He3 detector rate



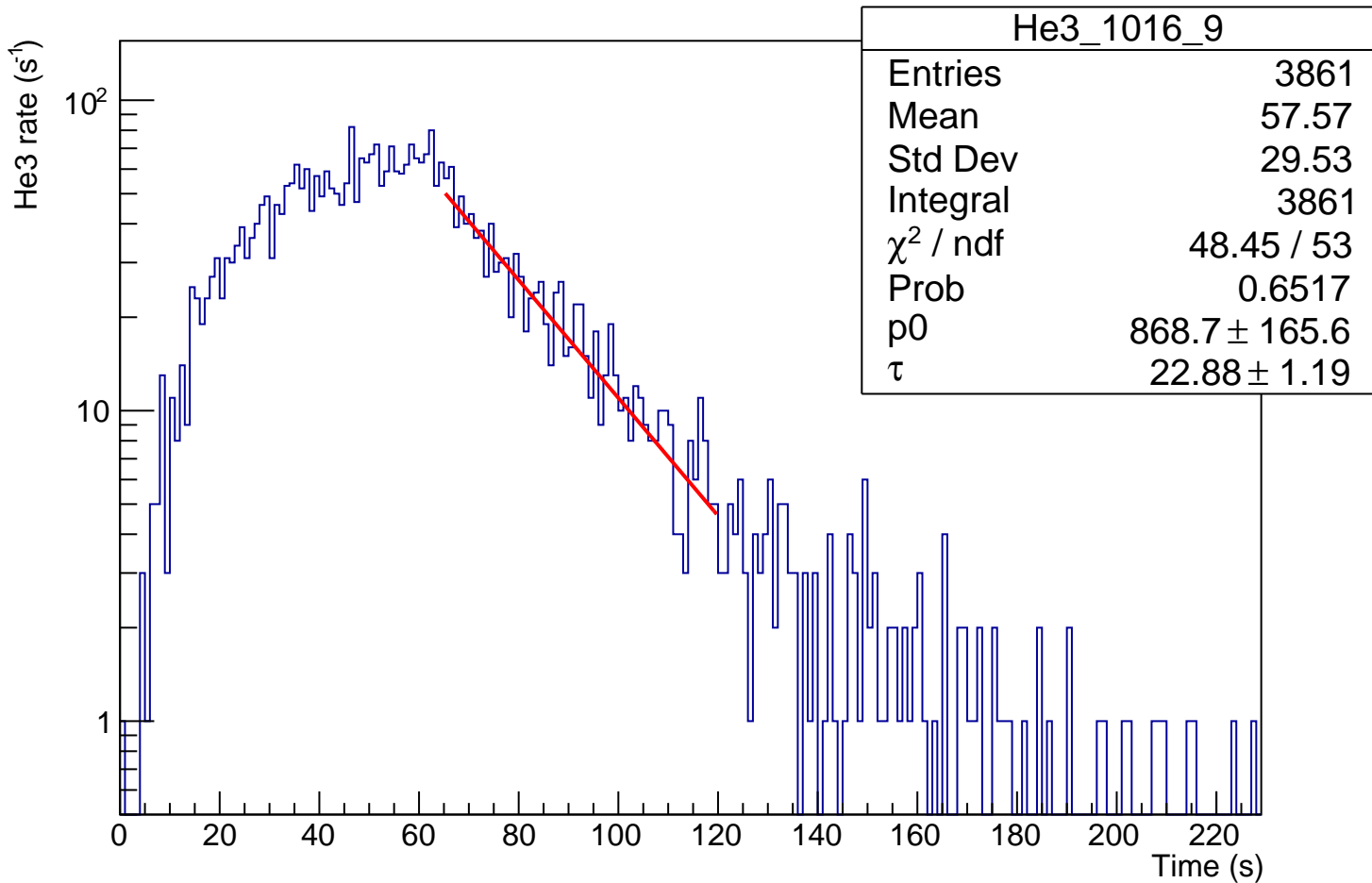
He3 detector rate



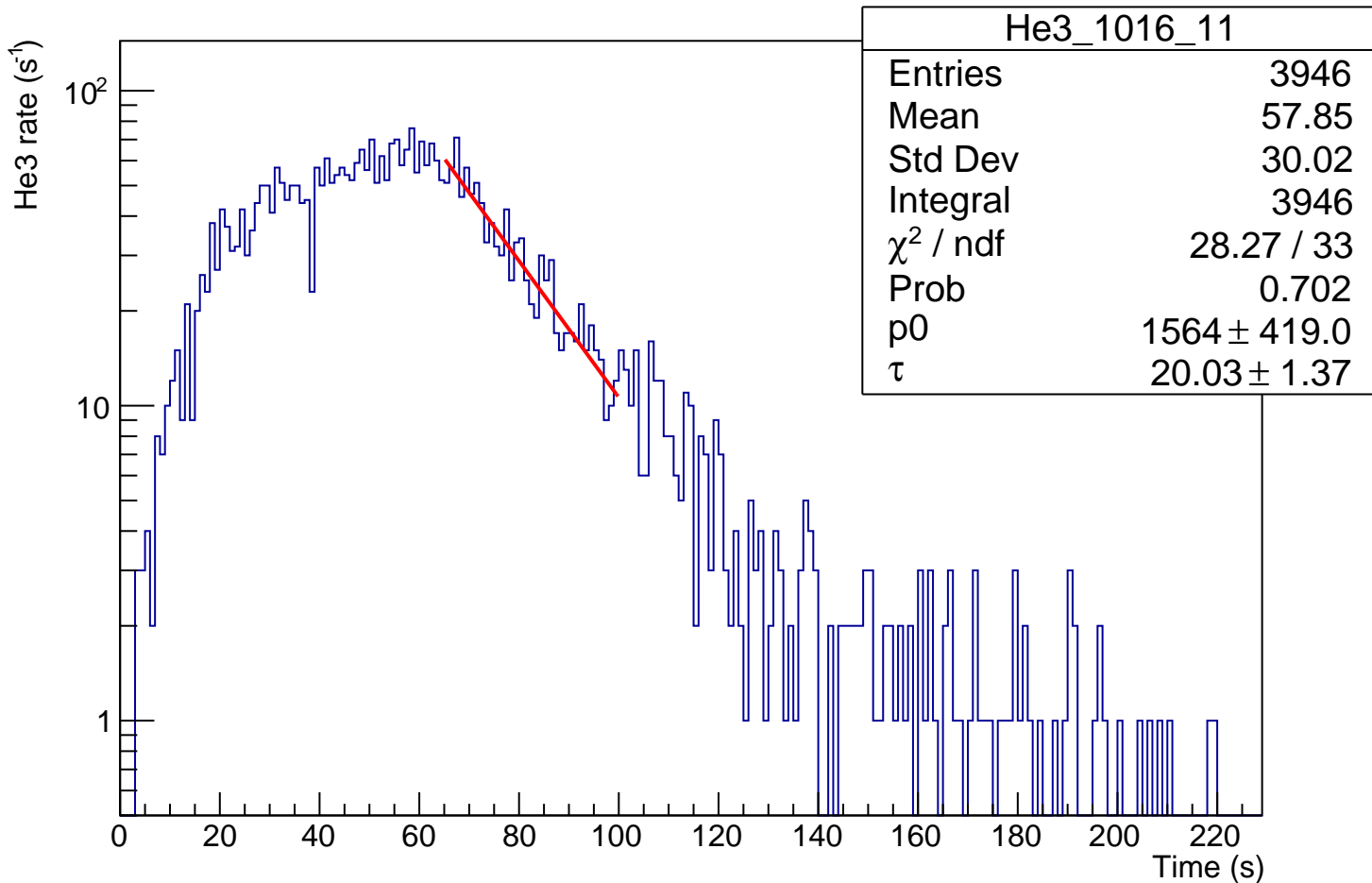
He3 detector rate



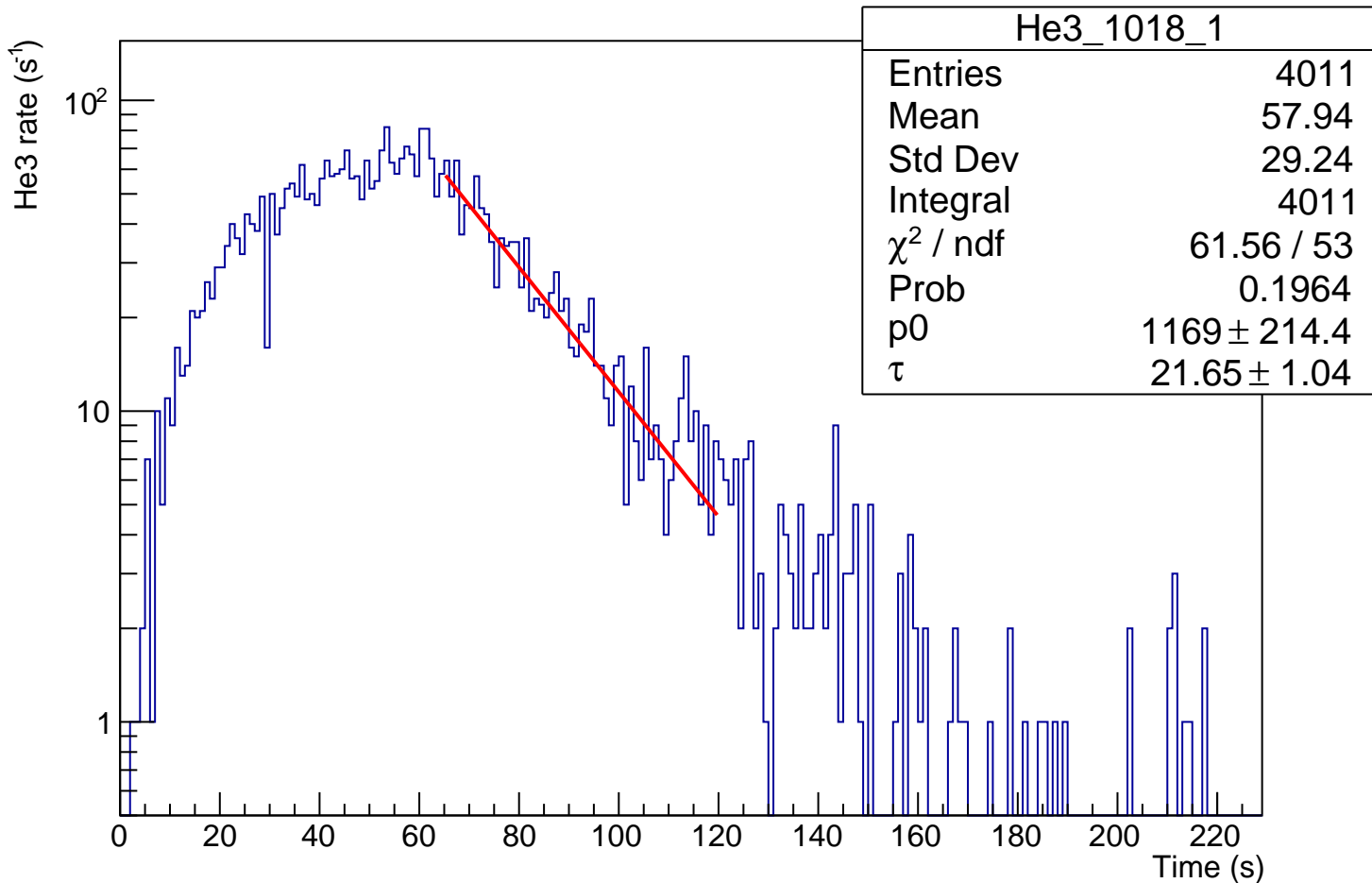
He3 detector rate



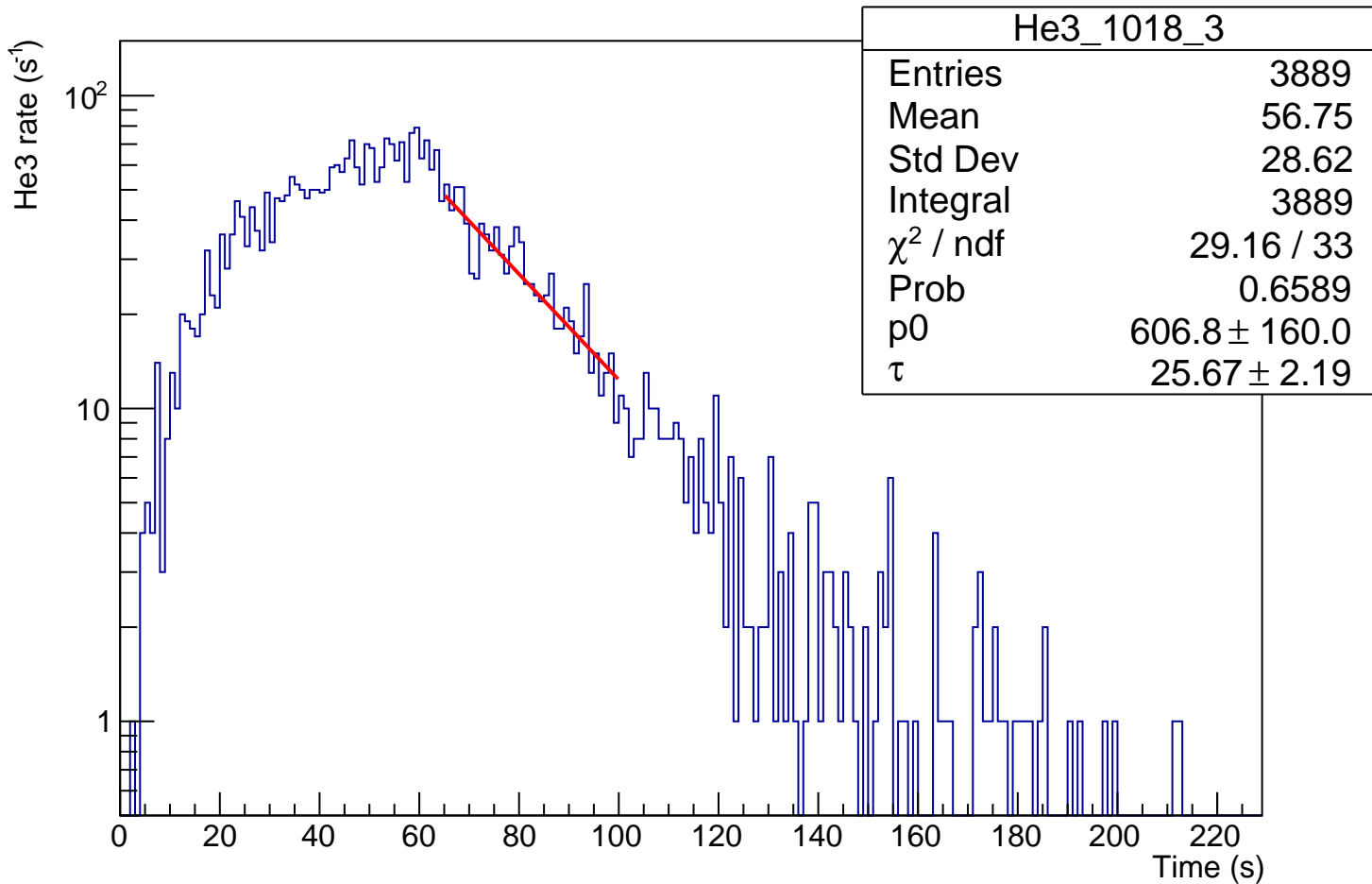
He3 detector rate



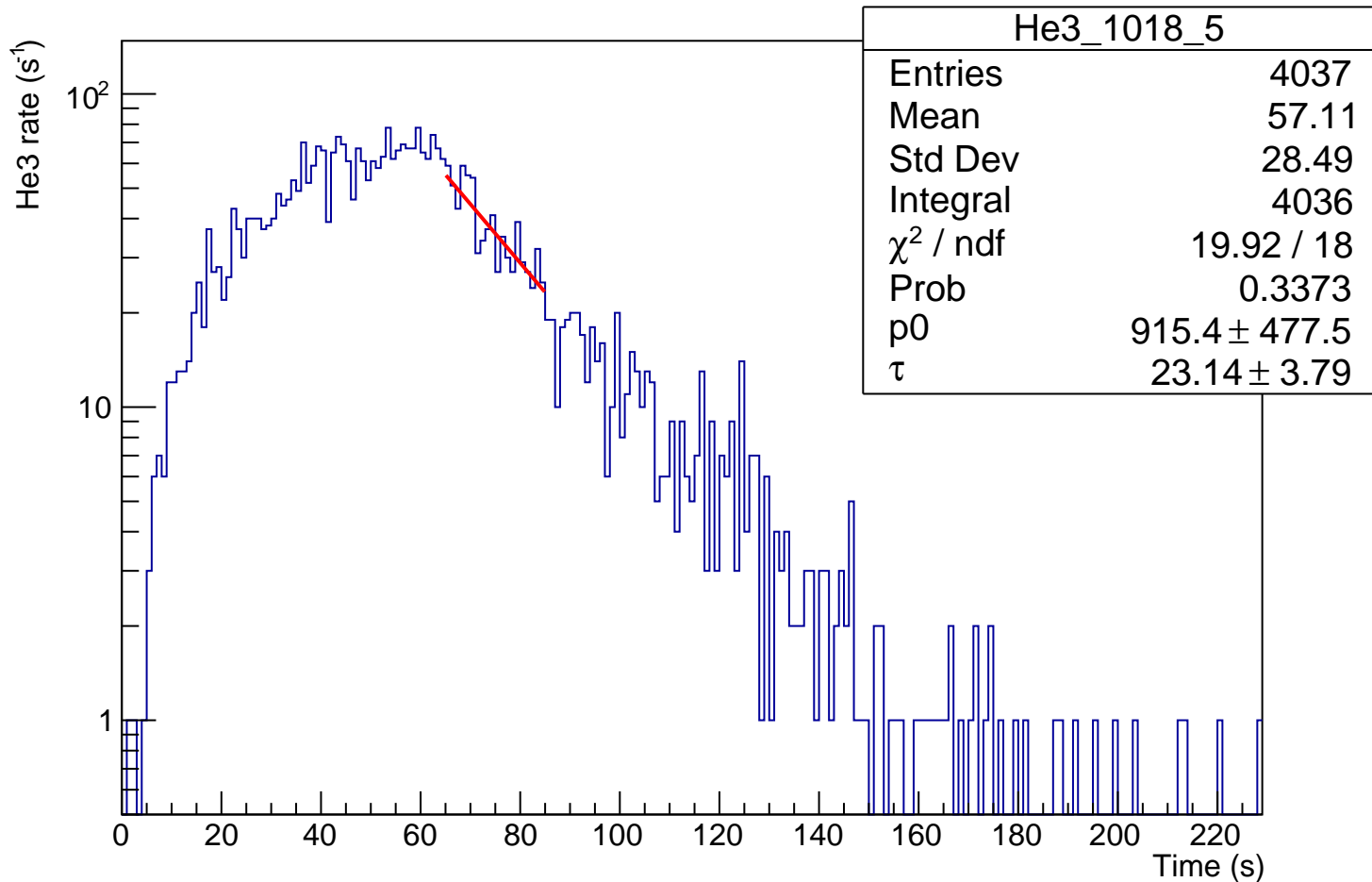
He3 detector rate



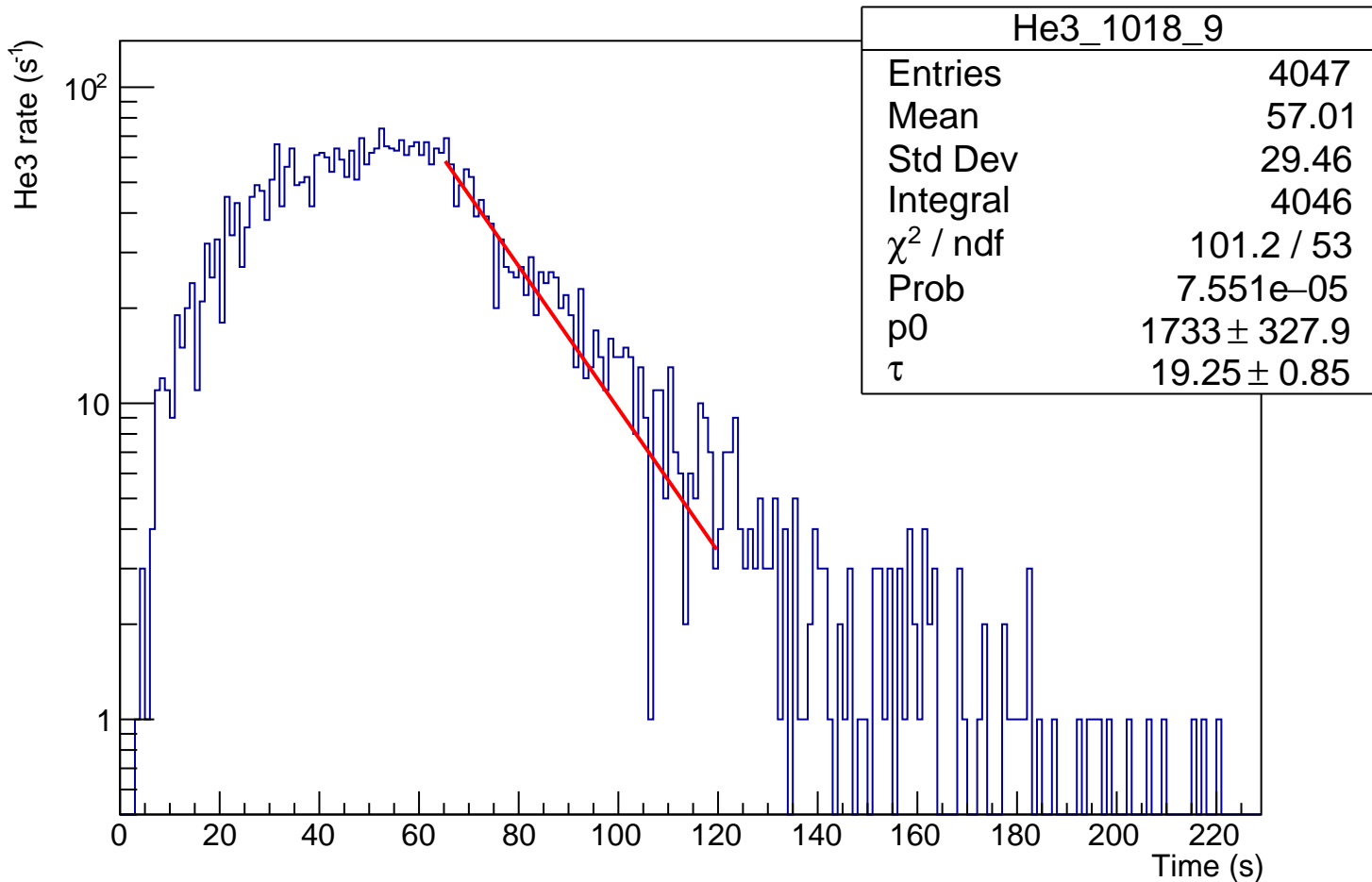
He3 detector rate



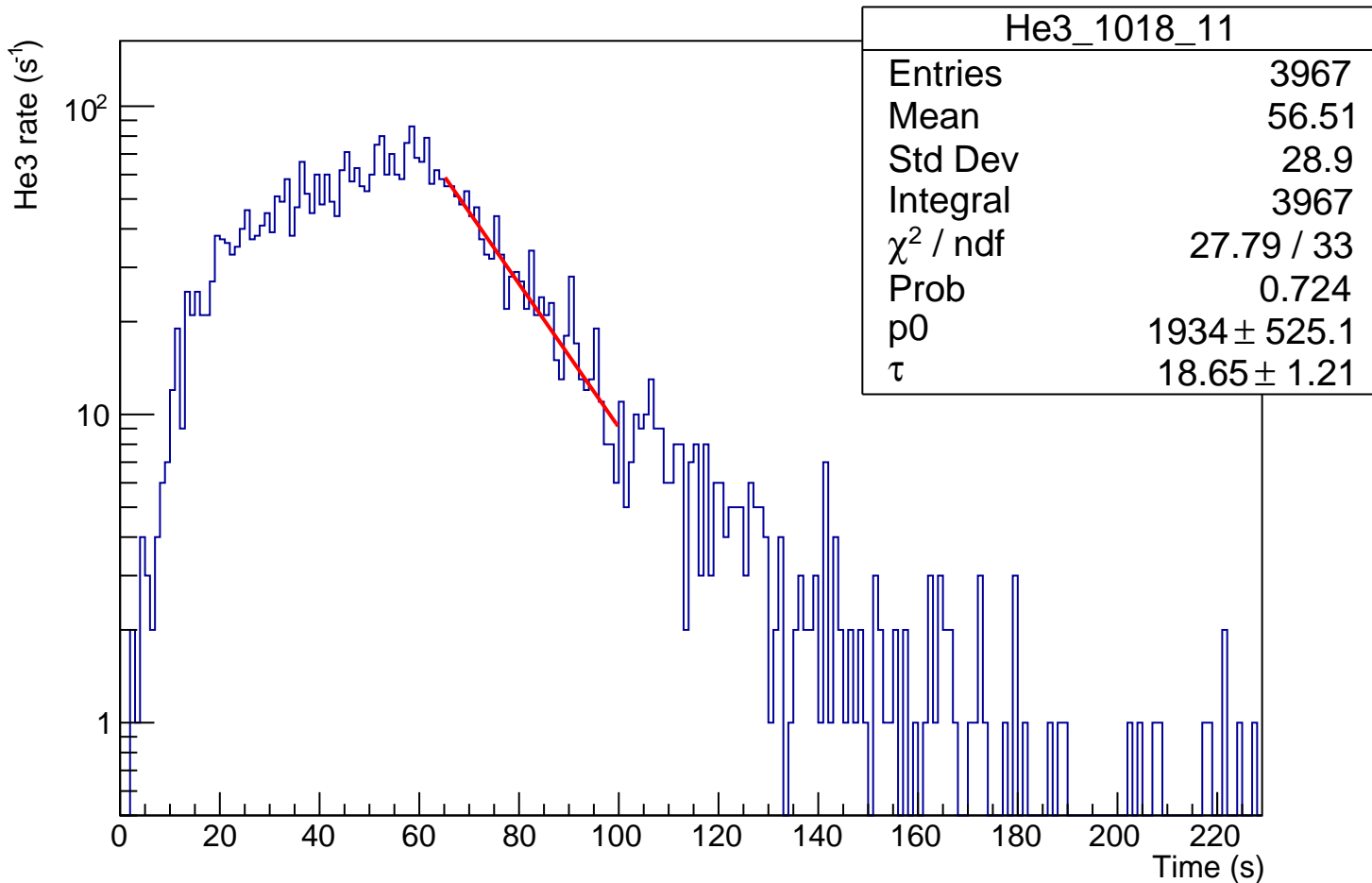
He3 detector rate



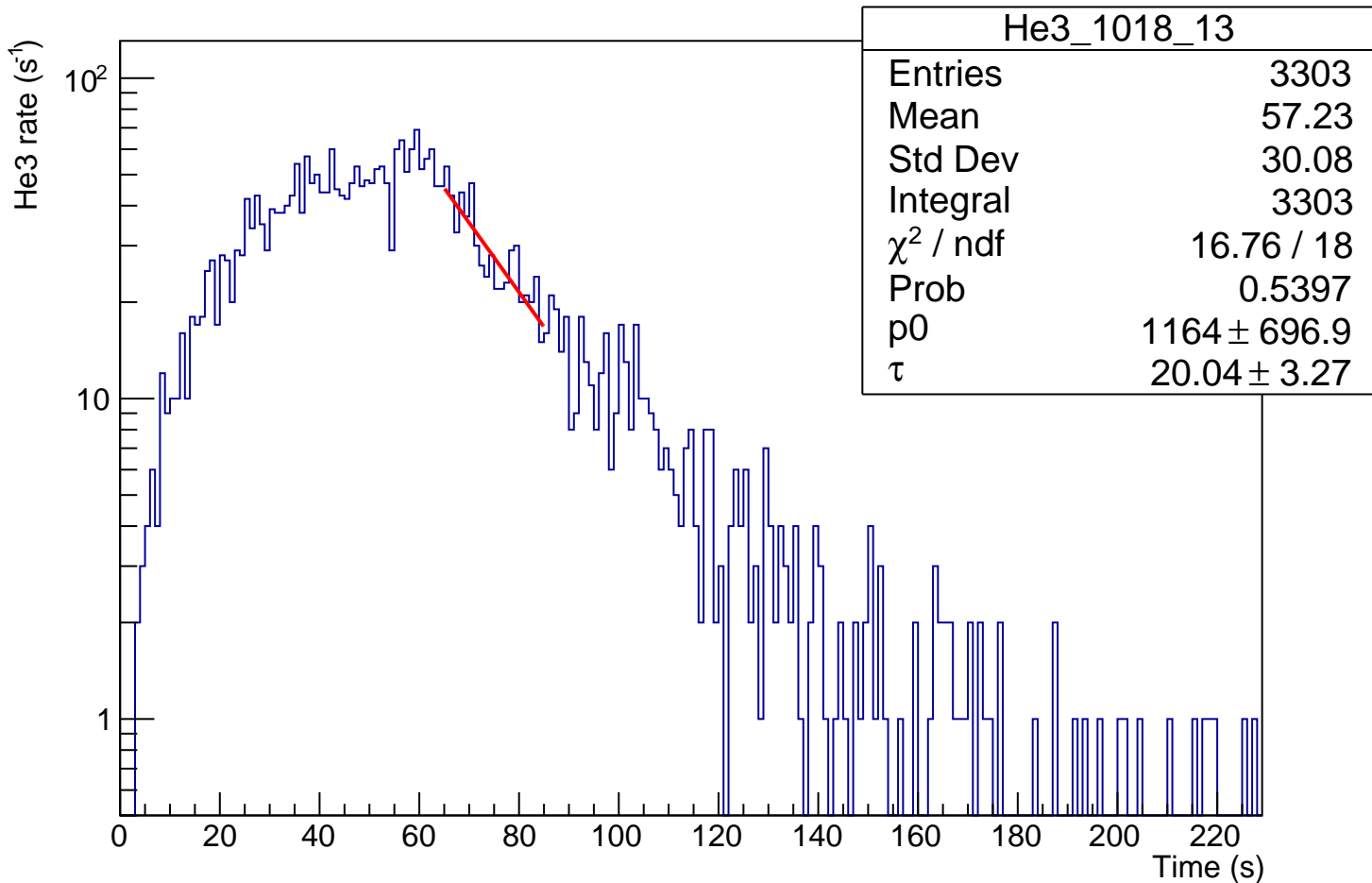
He3 detector rate



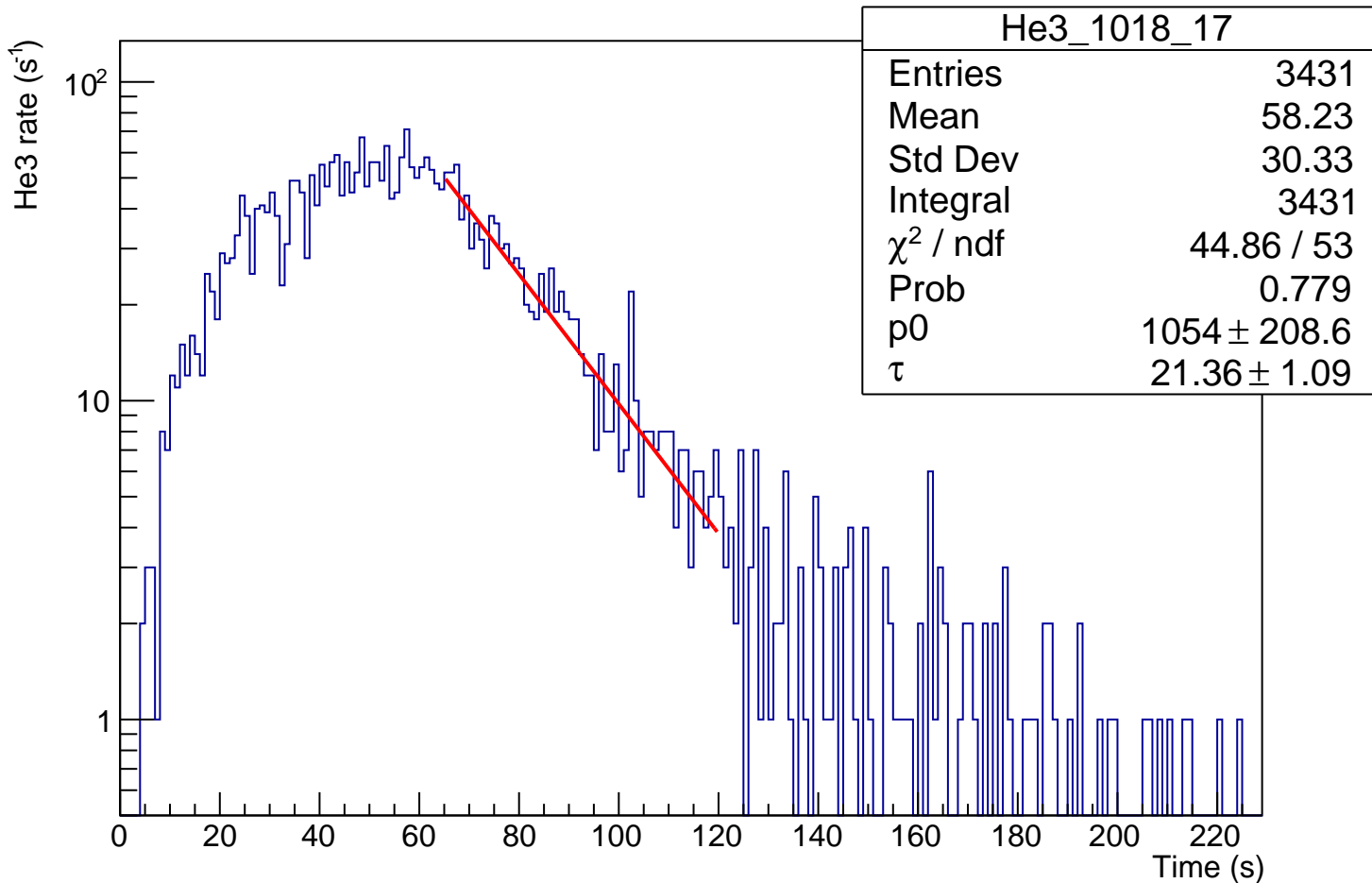
He3 detector rate



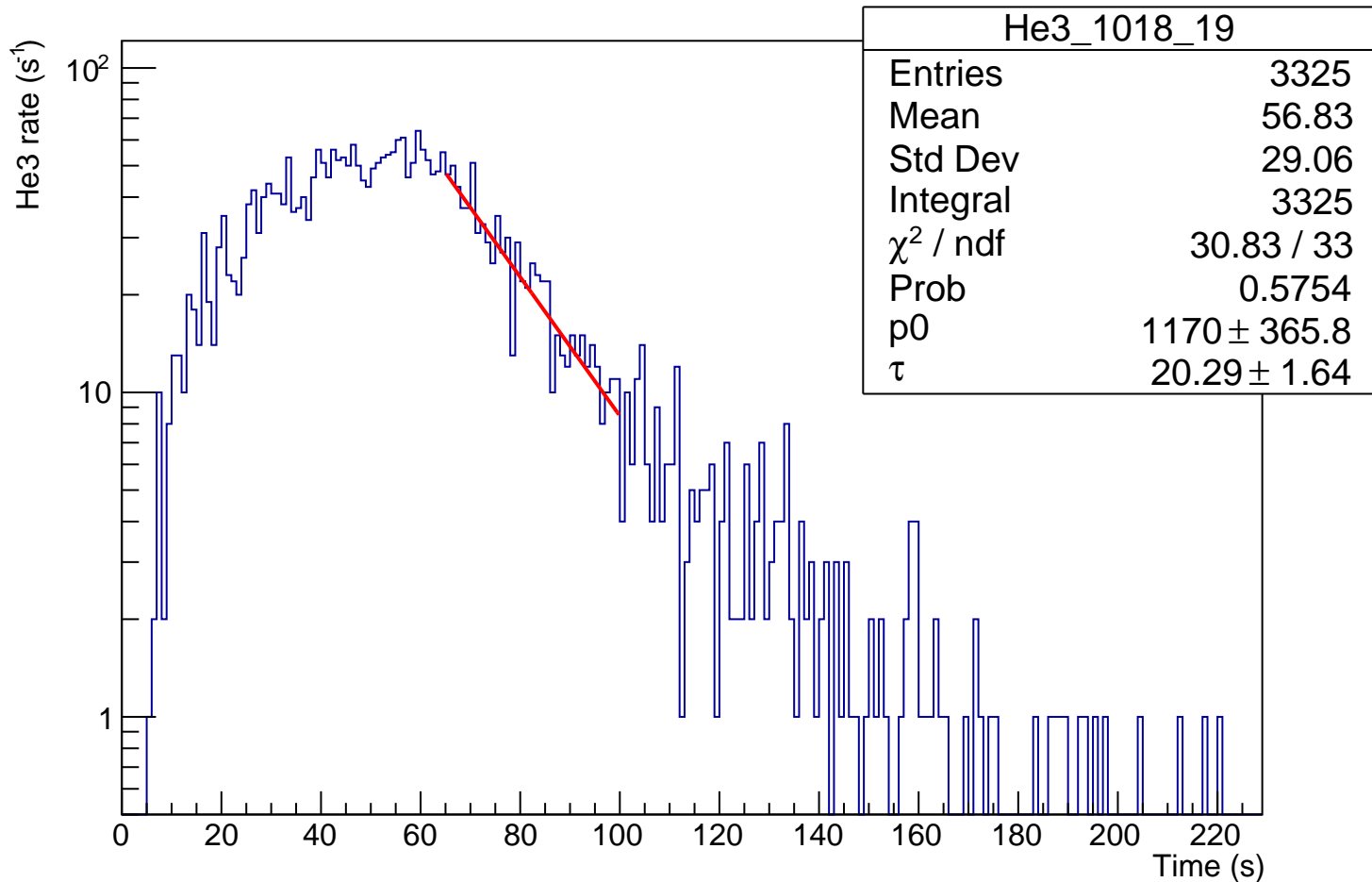
He3 detector rate



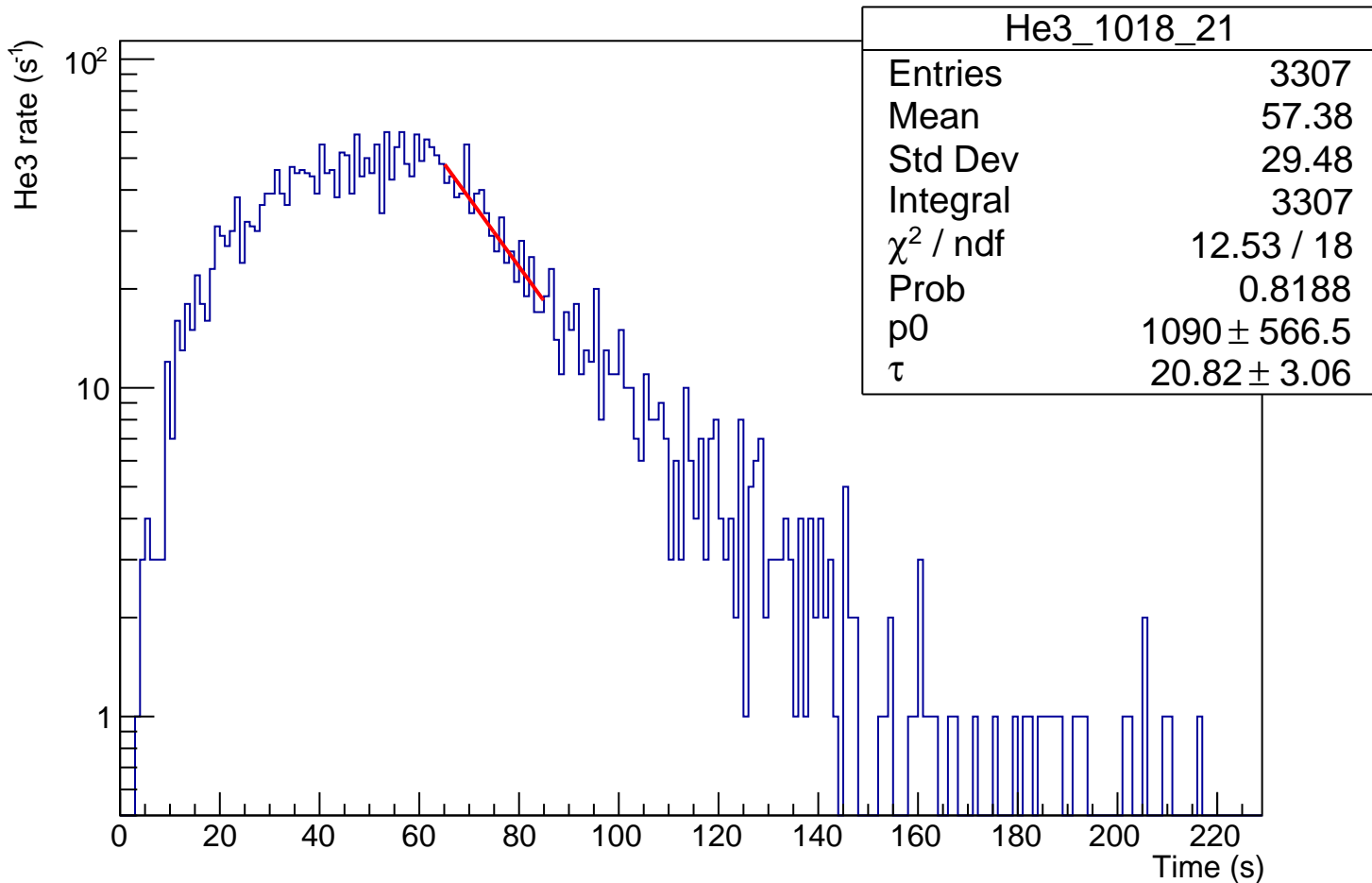
He3 detector rate



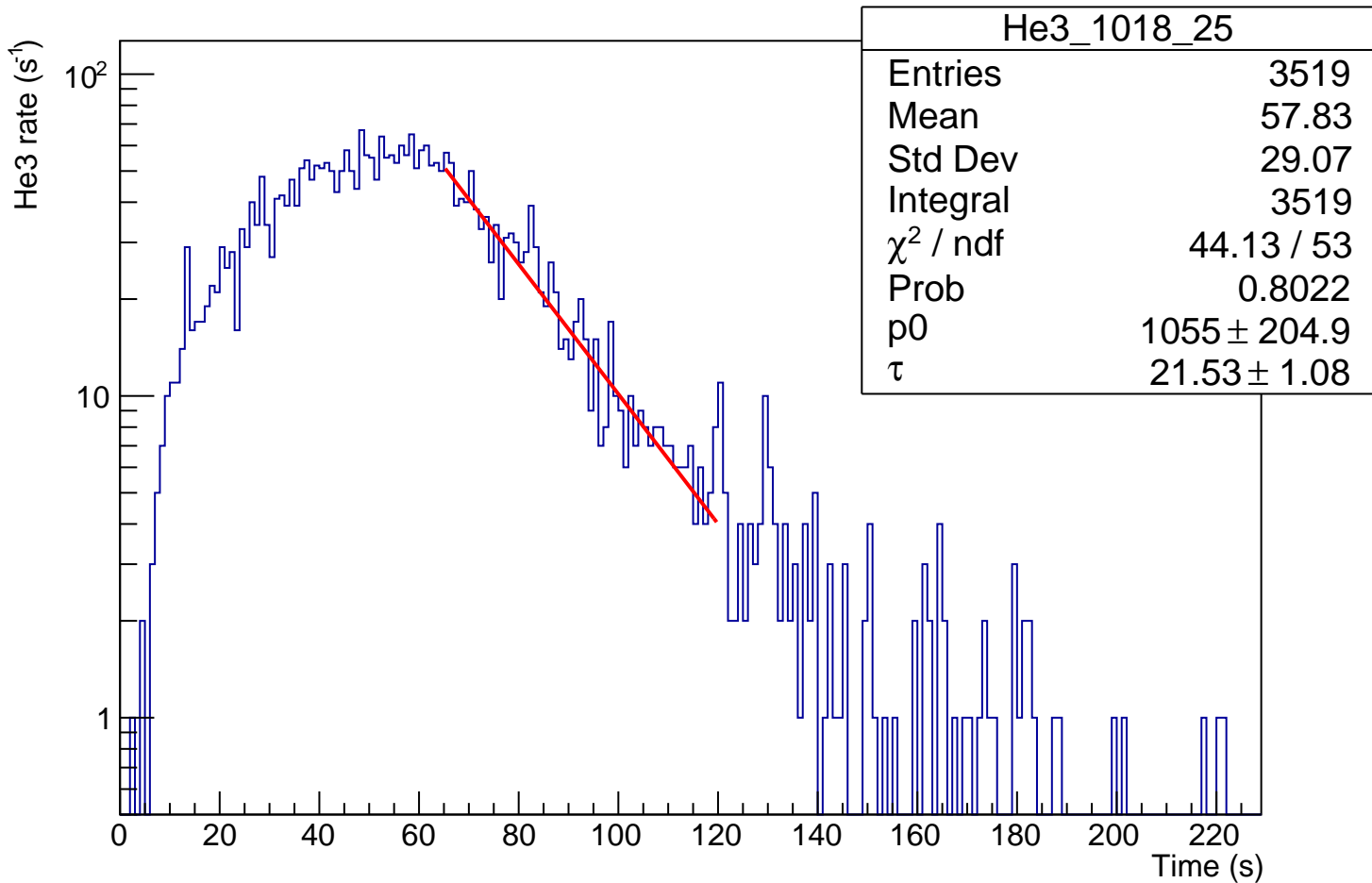
He3 detector rate



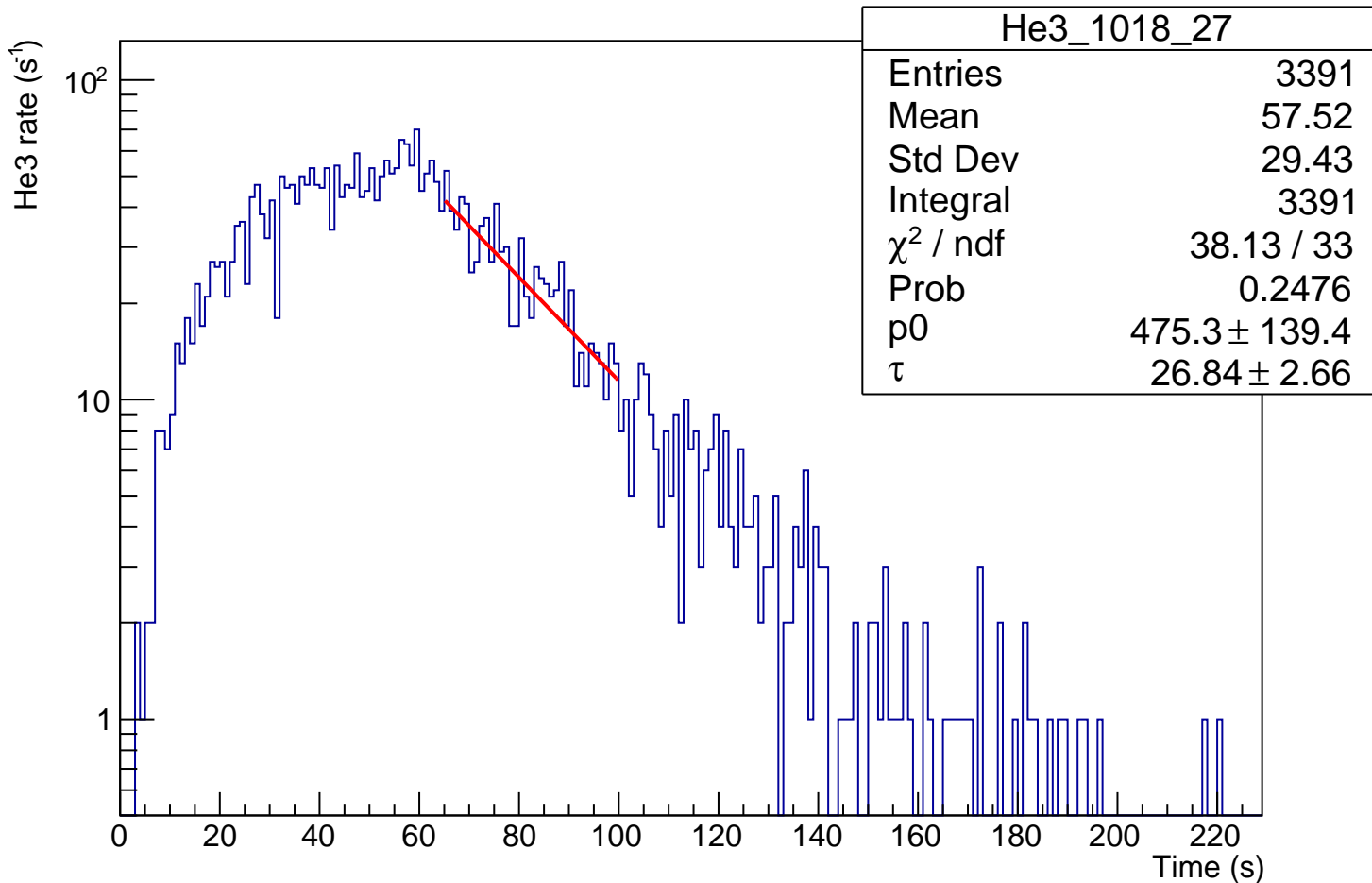
He3 detector rate



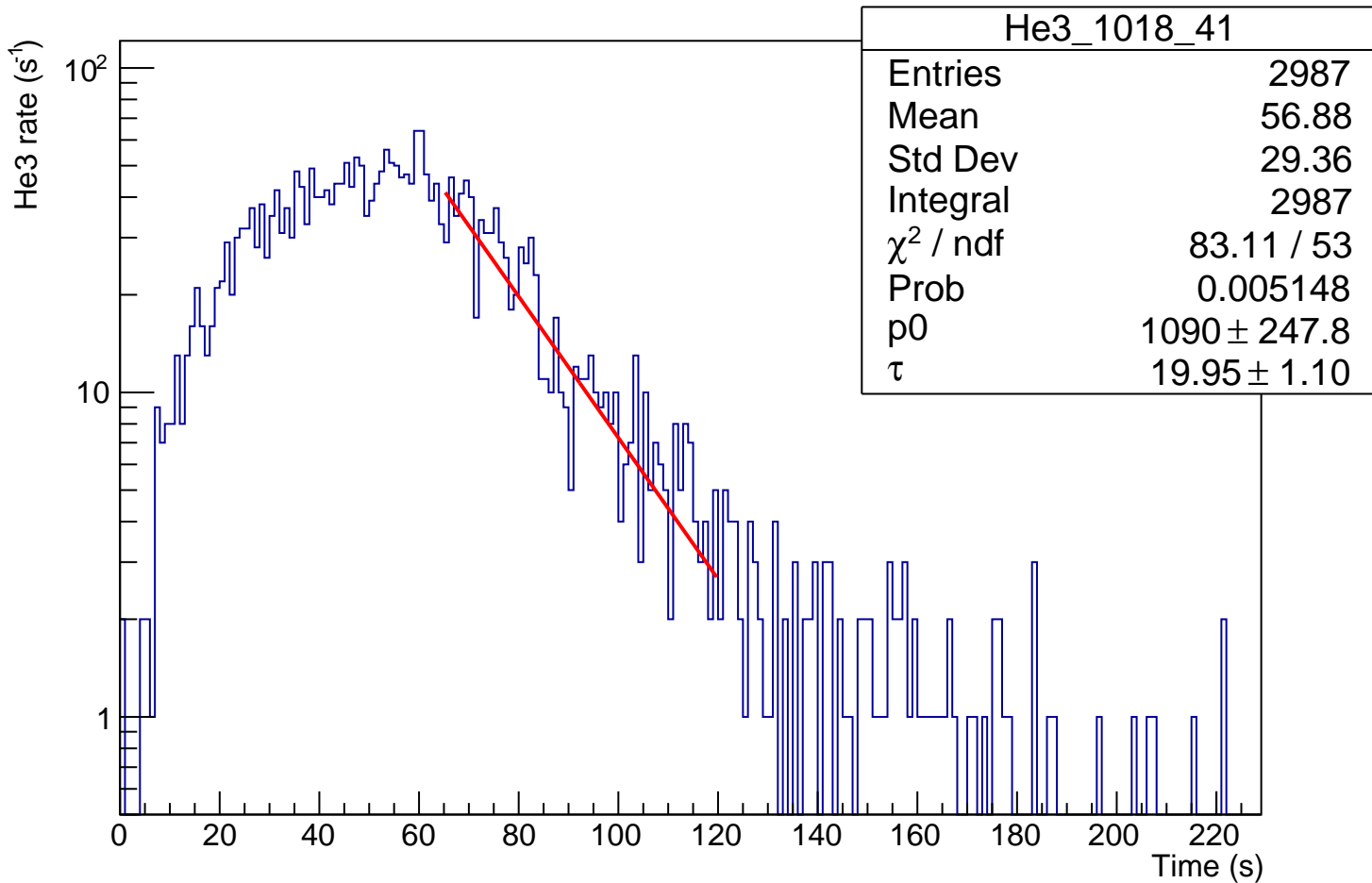
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 20.550629607 \pm 0.0105313124156 \text{ s}$$