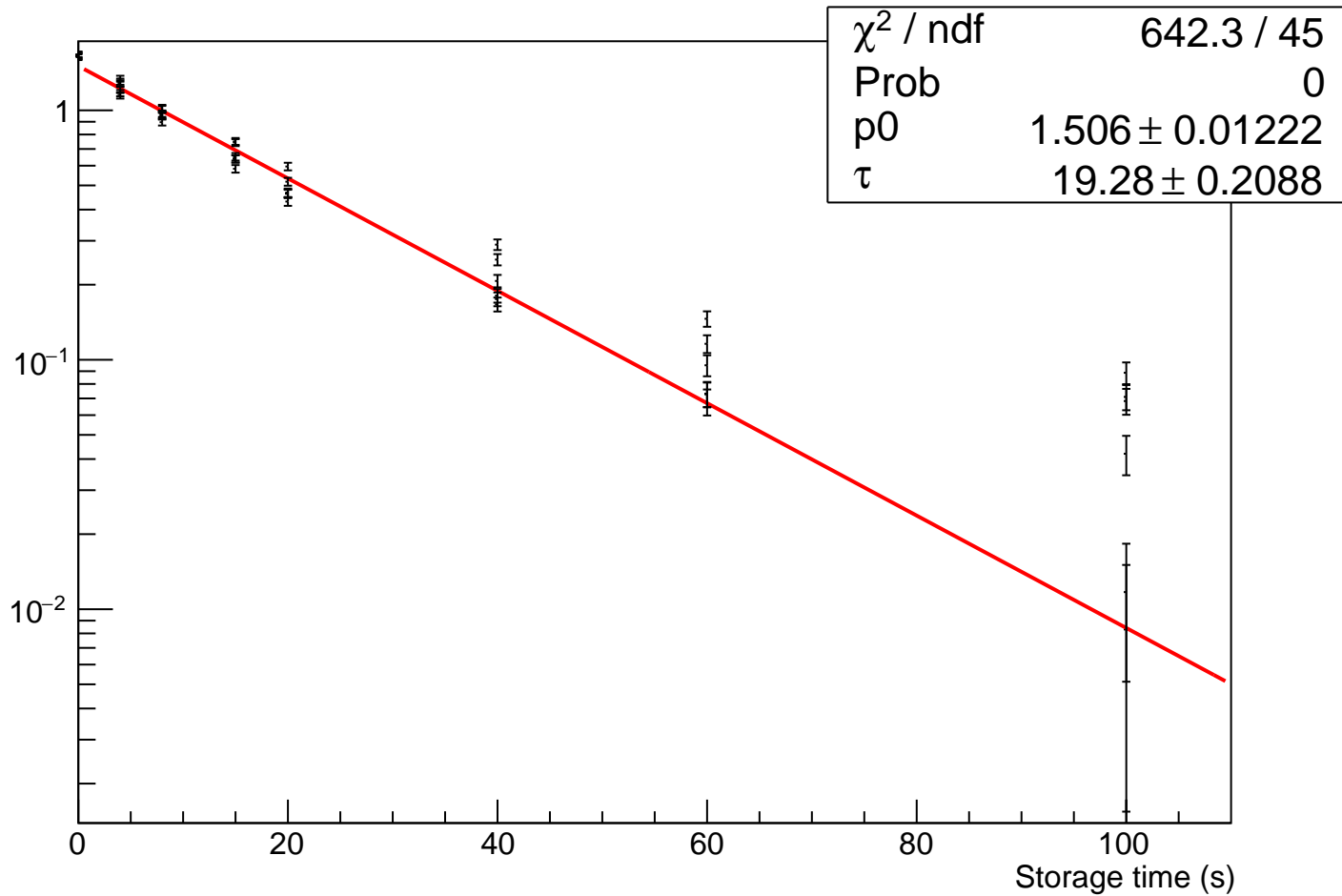
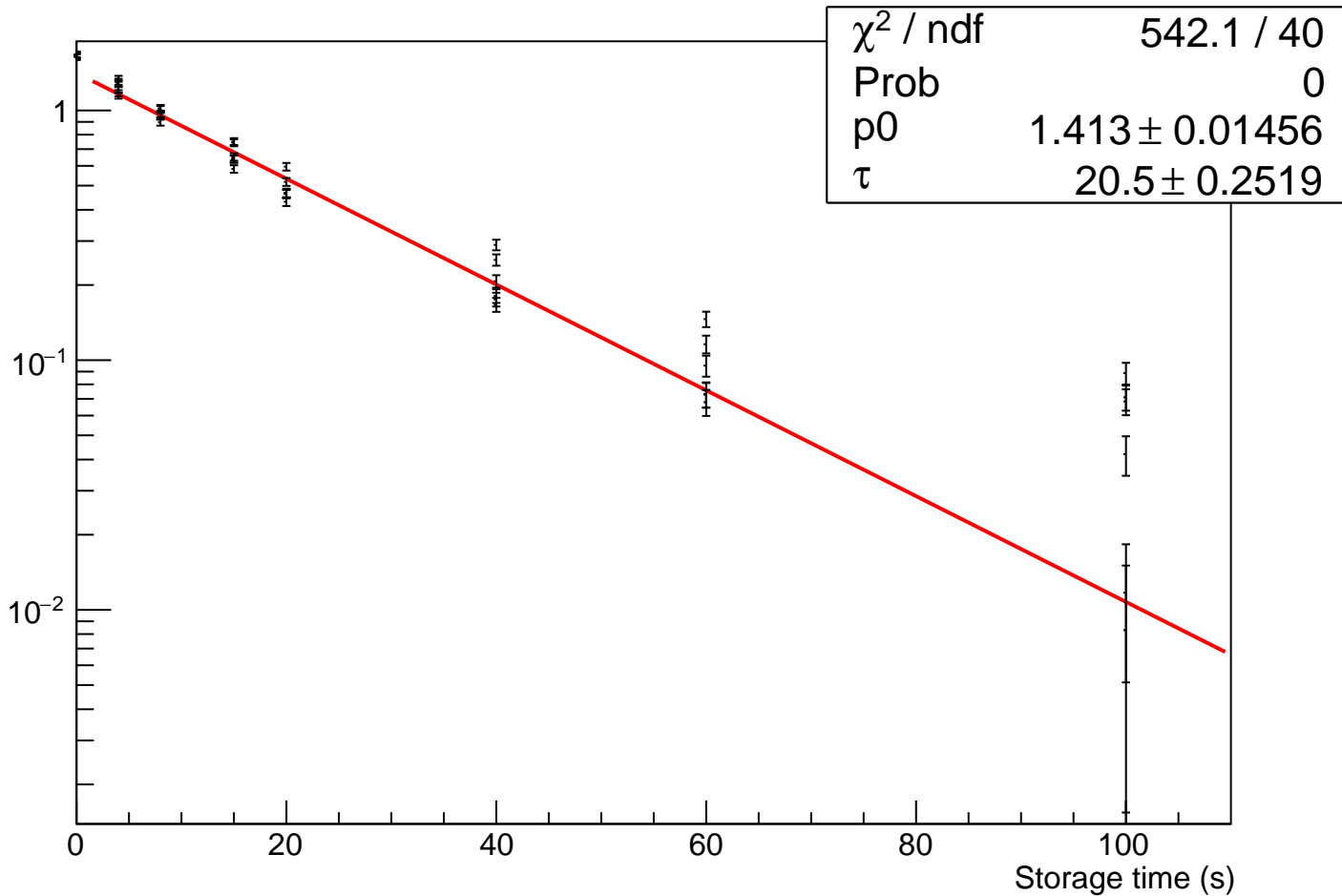


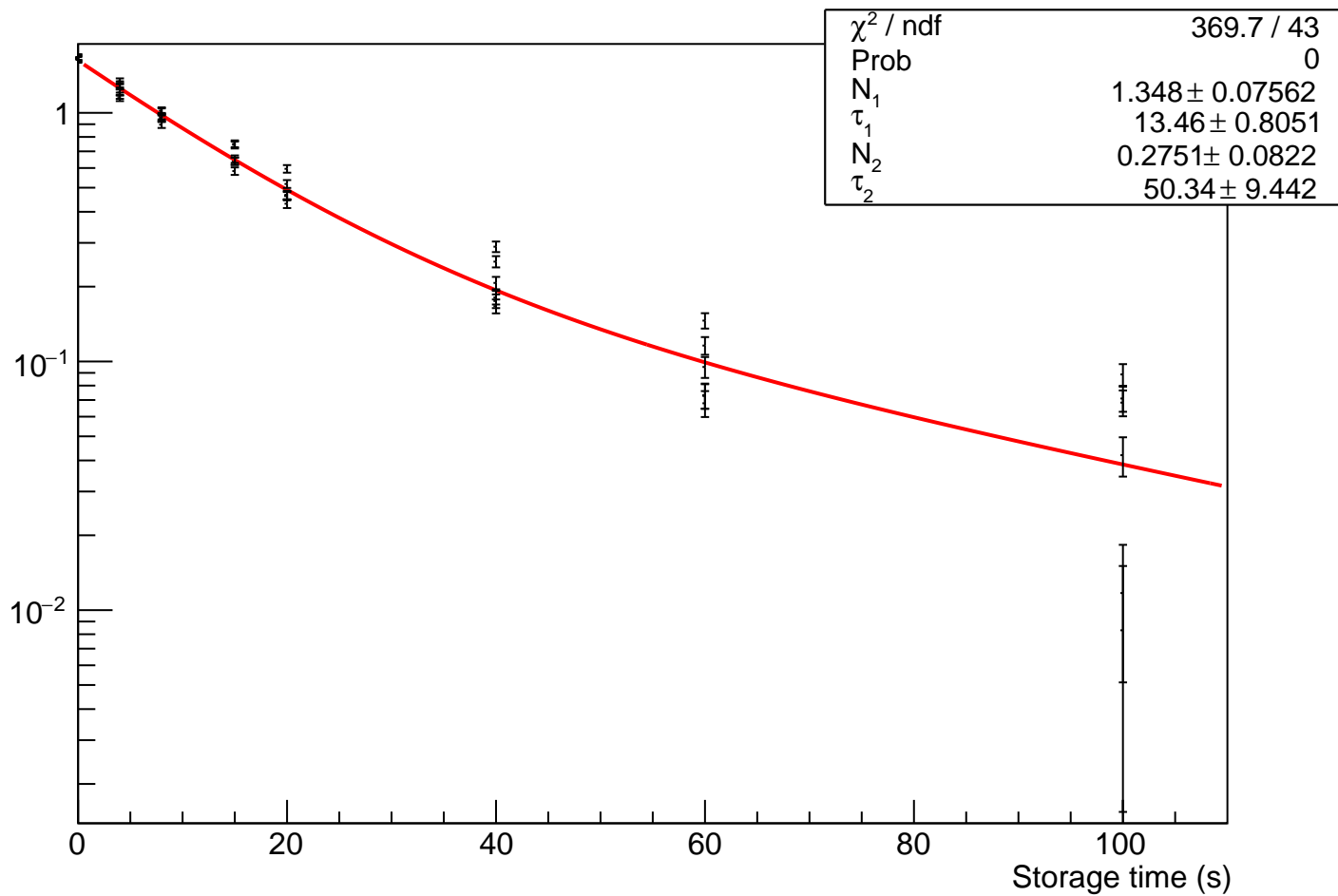
UCN-count-to-monitor ratio



UCN-count-to-monitor ratio



UCN-count-to-monitor ratio



TCN18-054 (burst disk+UGD2, IV2-IV3) (single exponential fit + background, unnormalized)

UCN count

10^3

0

20

40

60

80

100

Storage time (s)

χ^2 / ndf

531.9 / 44

Prob

0

p0

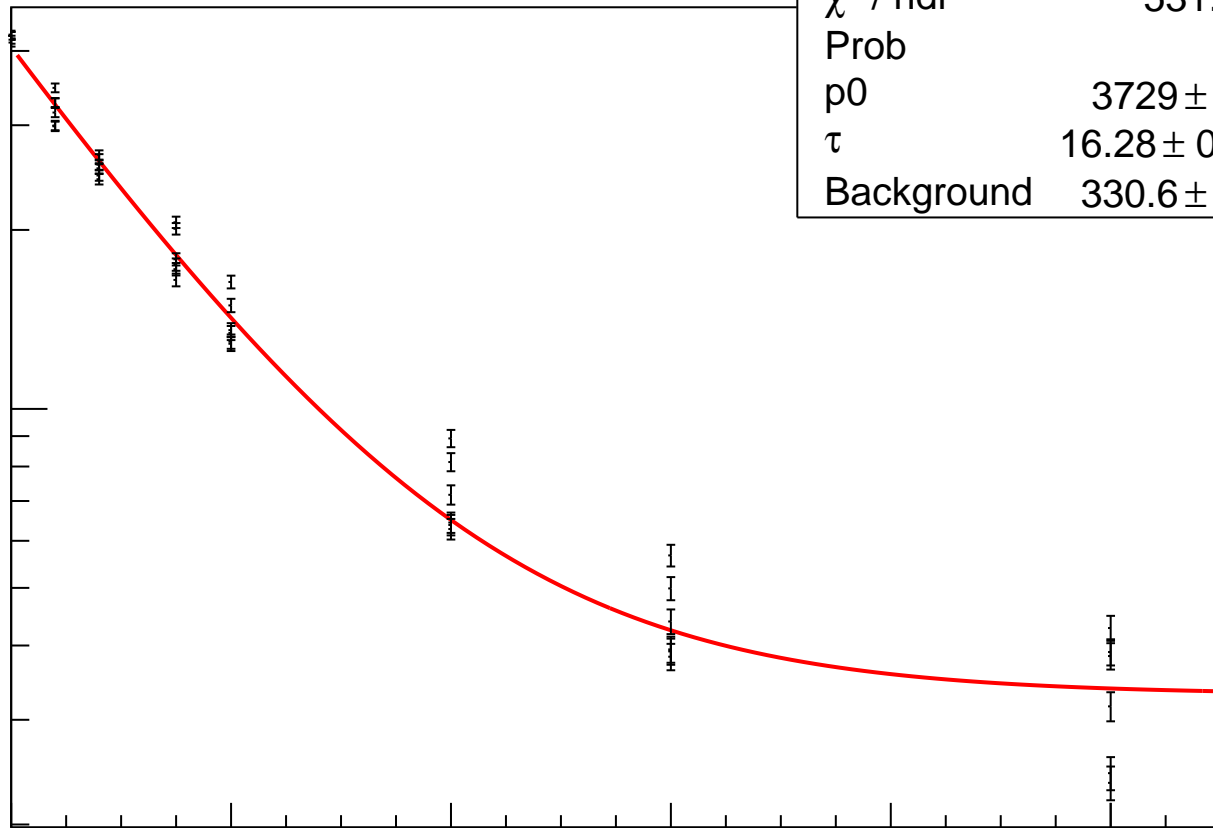
3729 ± 21.17

τ

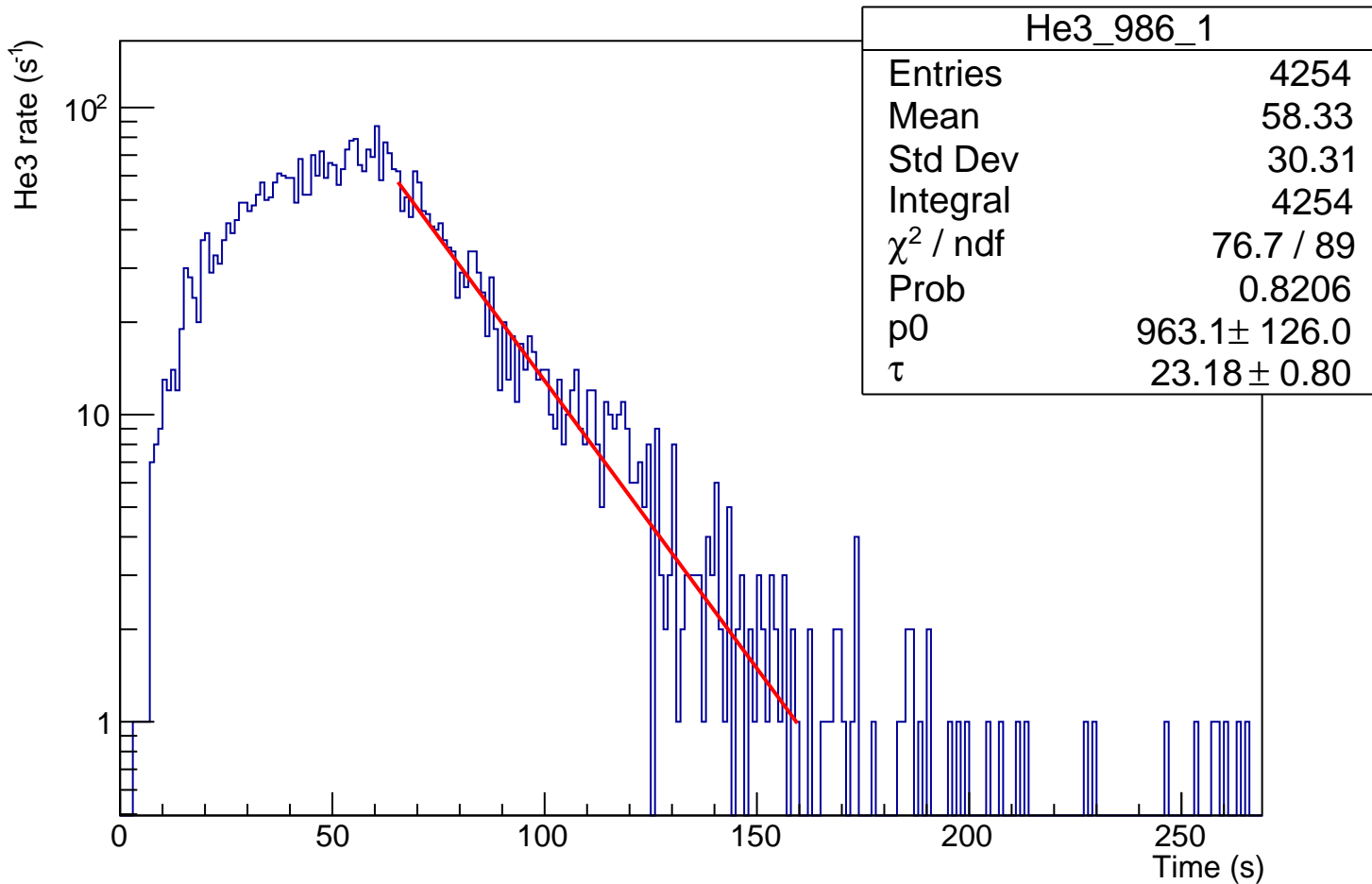
16.28 ± 0.1822

Background

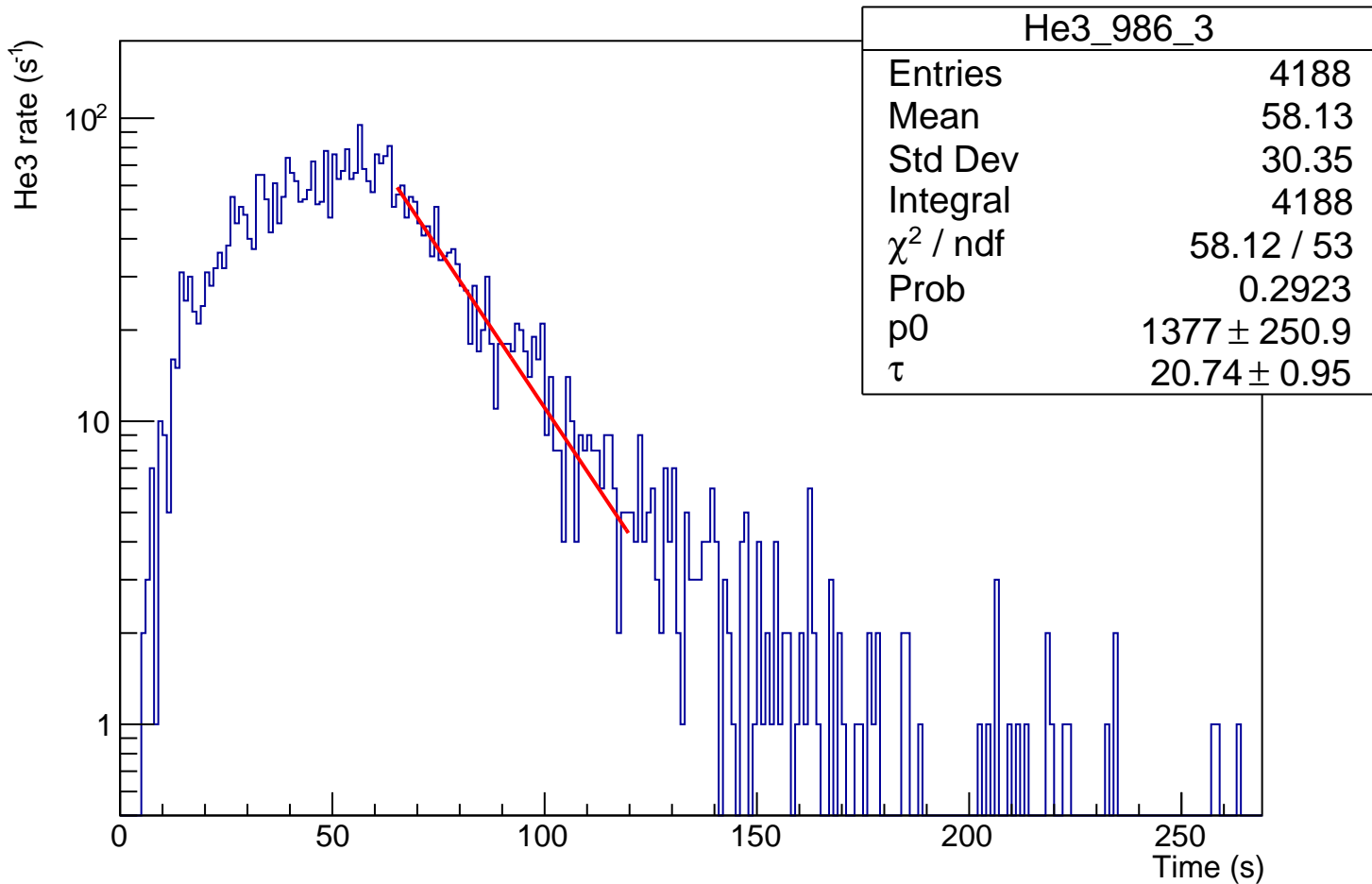
330.6 ± 6.352



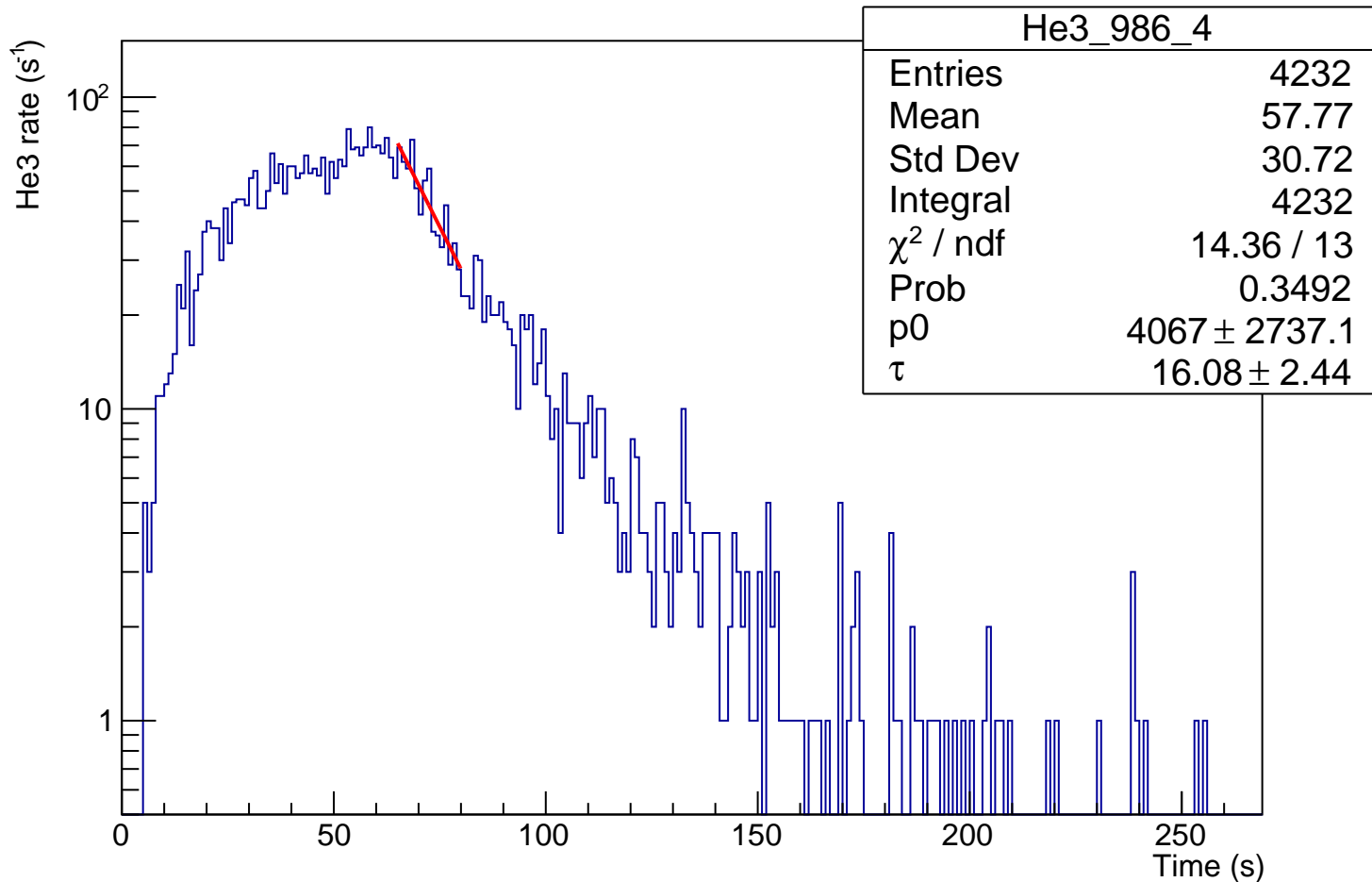
He3 detector rate



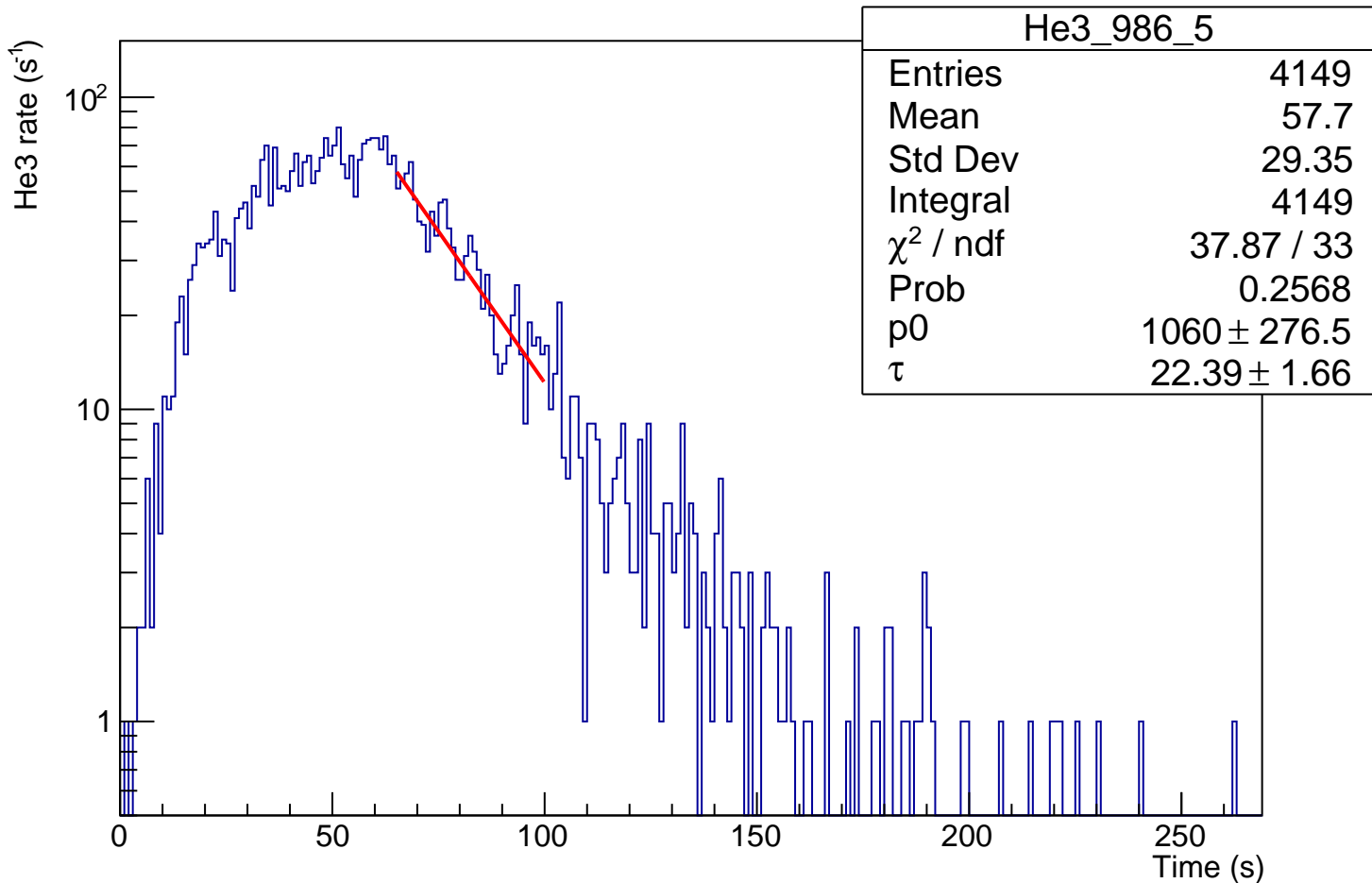
He3 detector rate



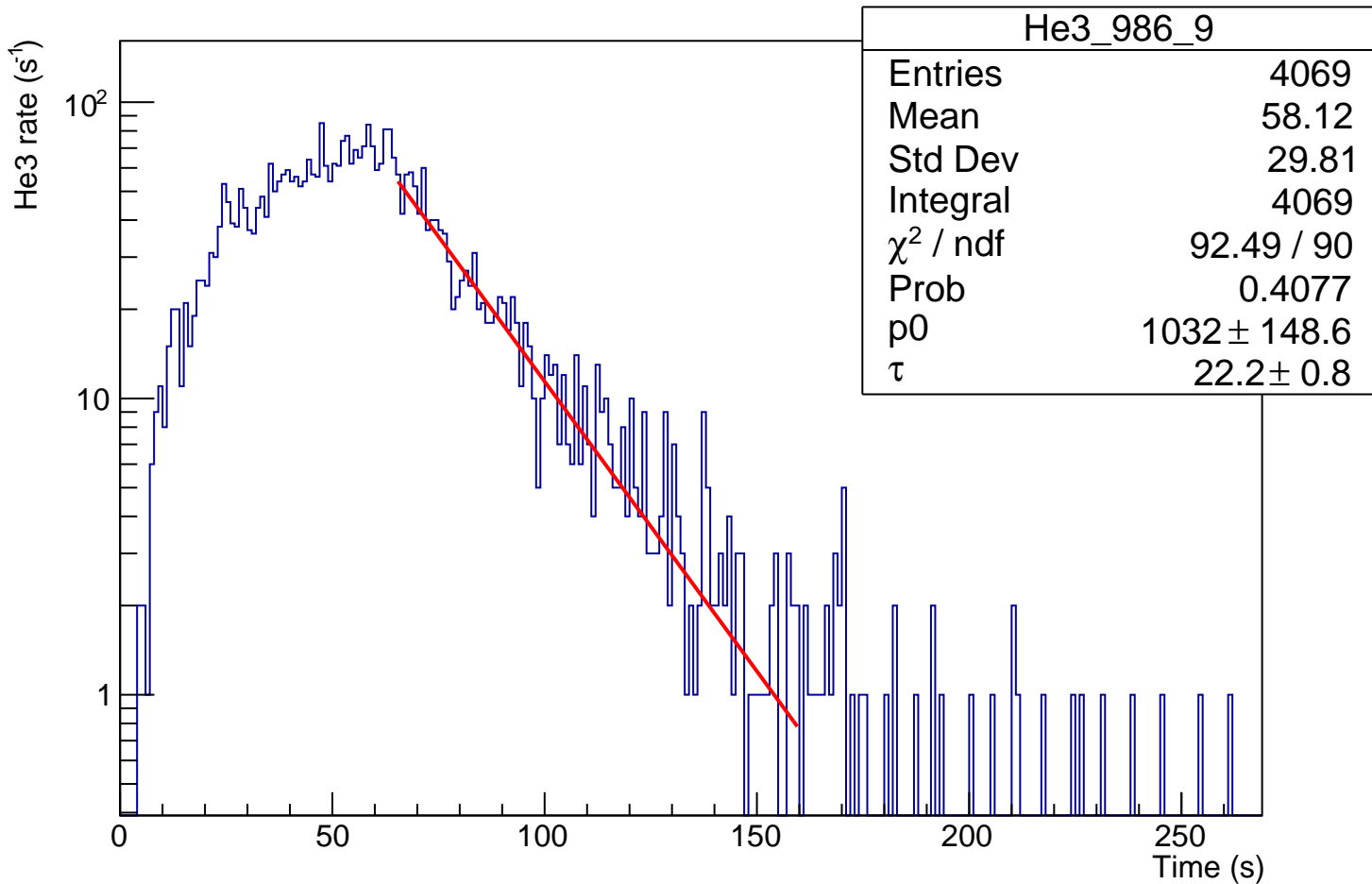
He3 detector rate



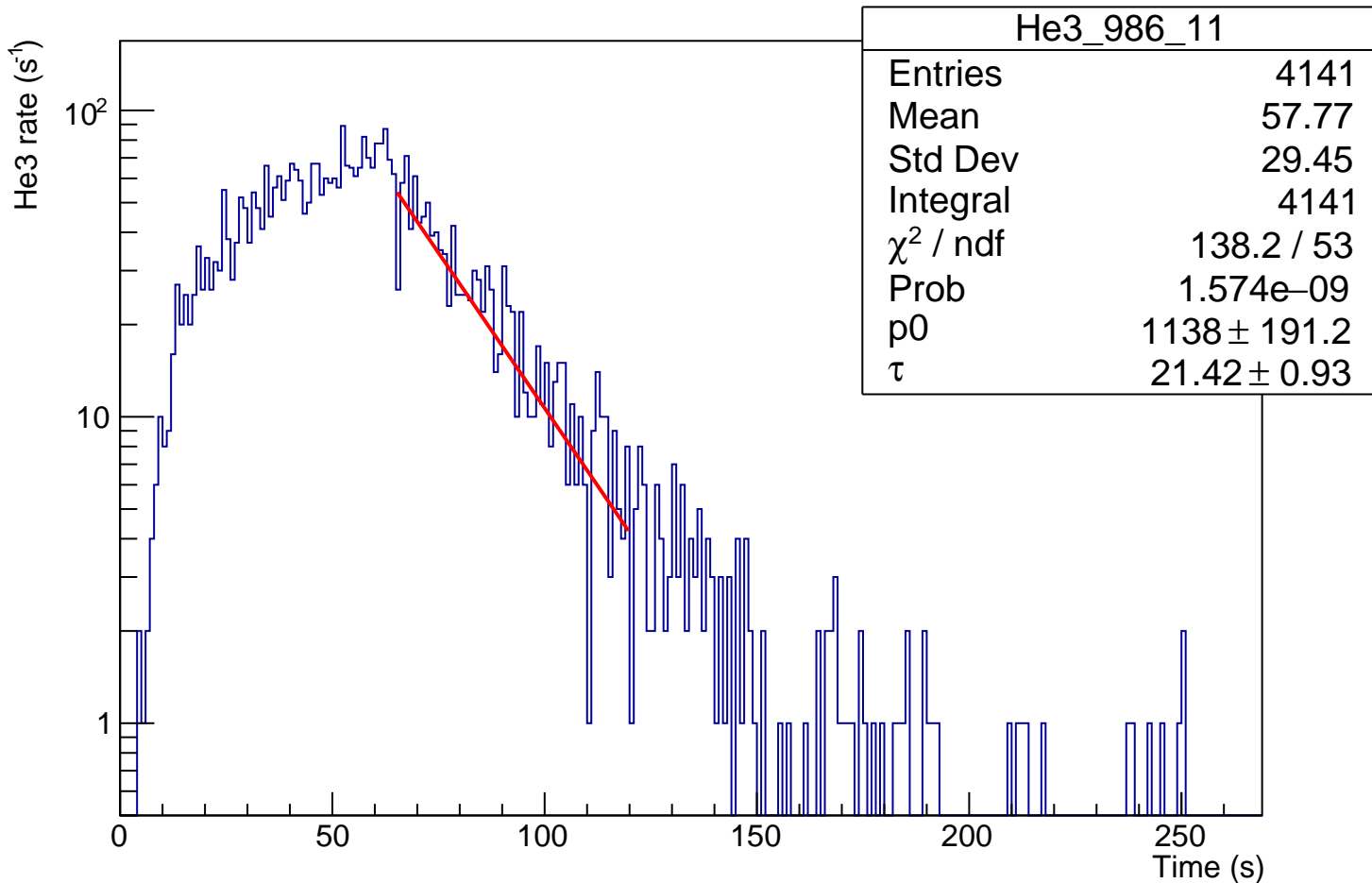
He3 detector rate



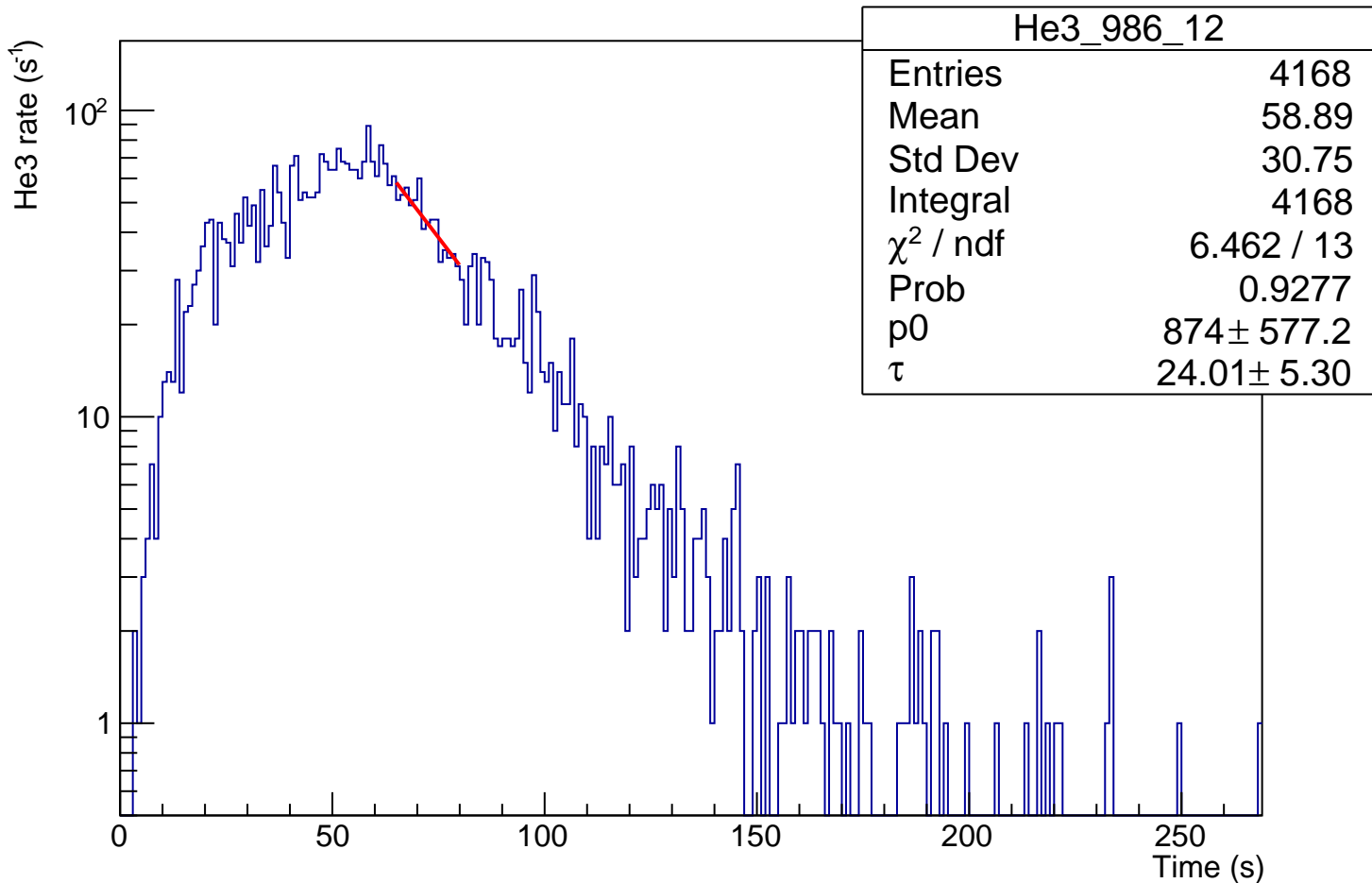
He3 detector rate



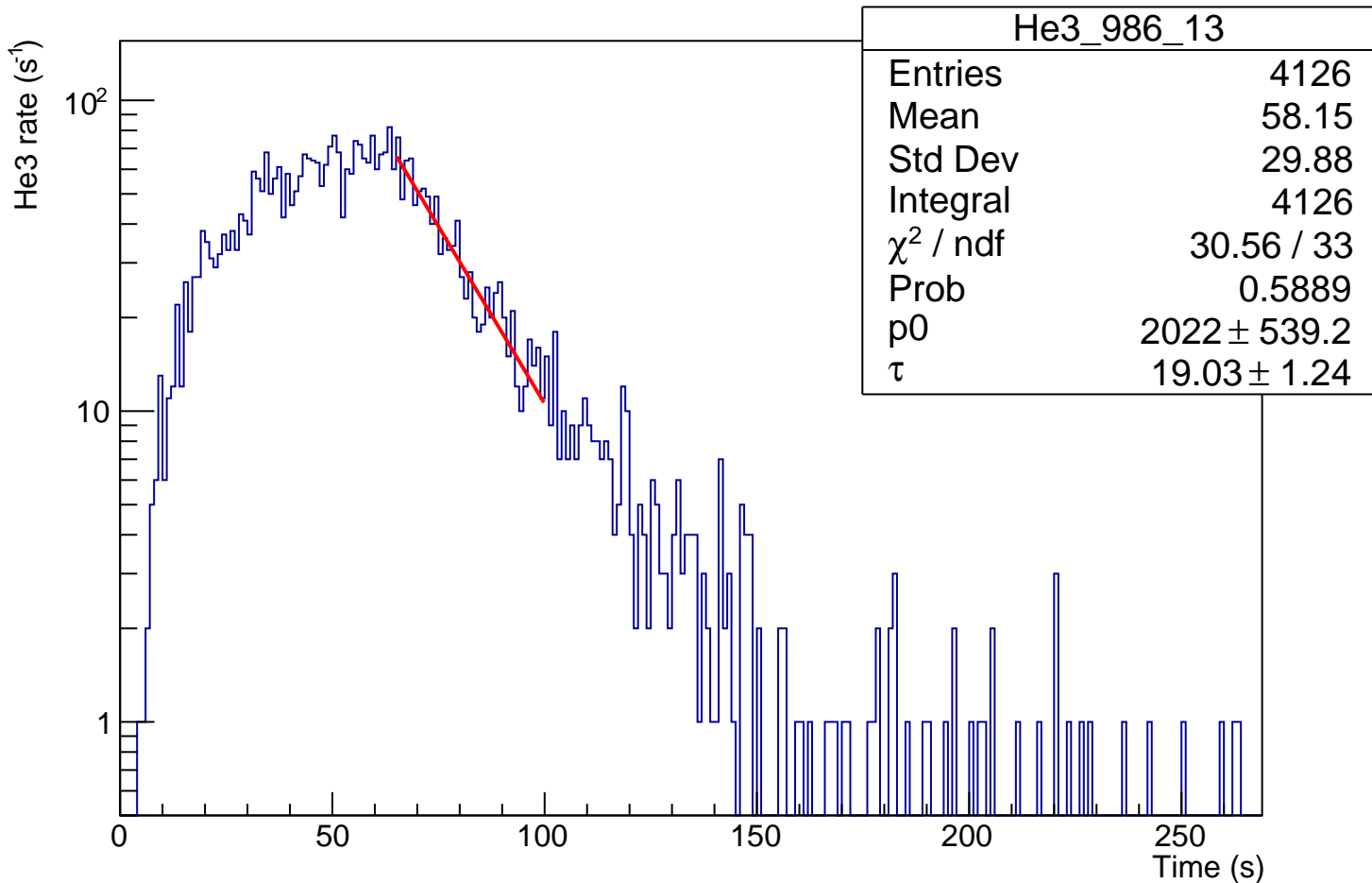
He3 detector rate



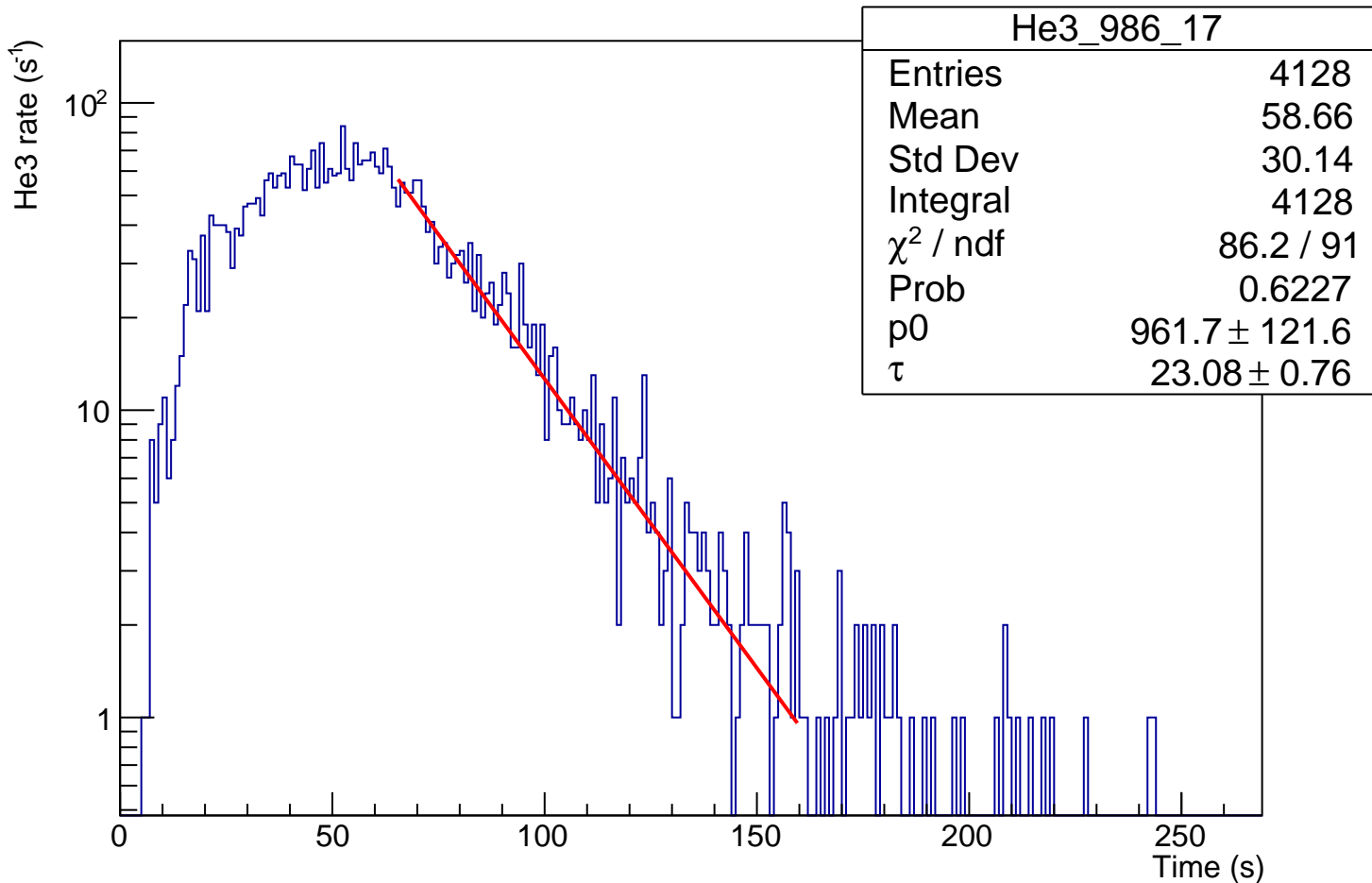
He3 detector rate



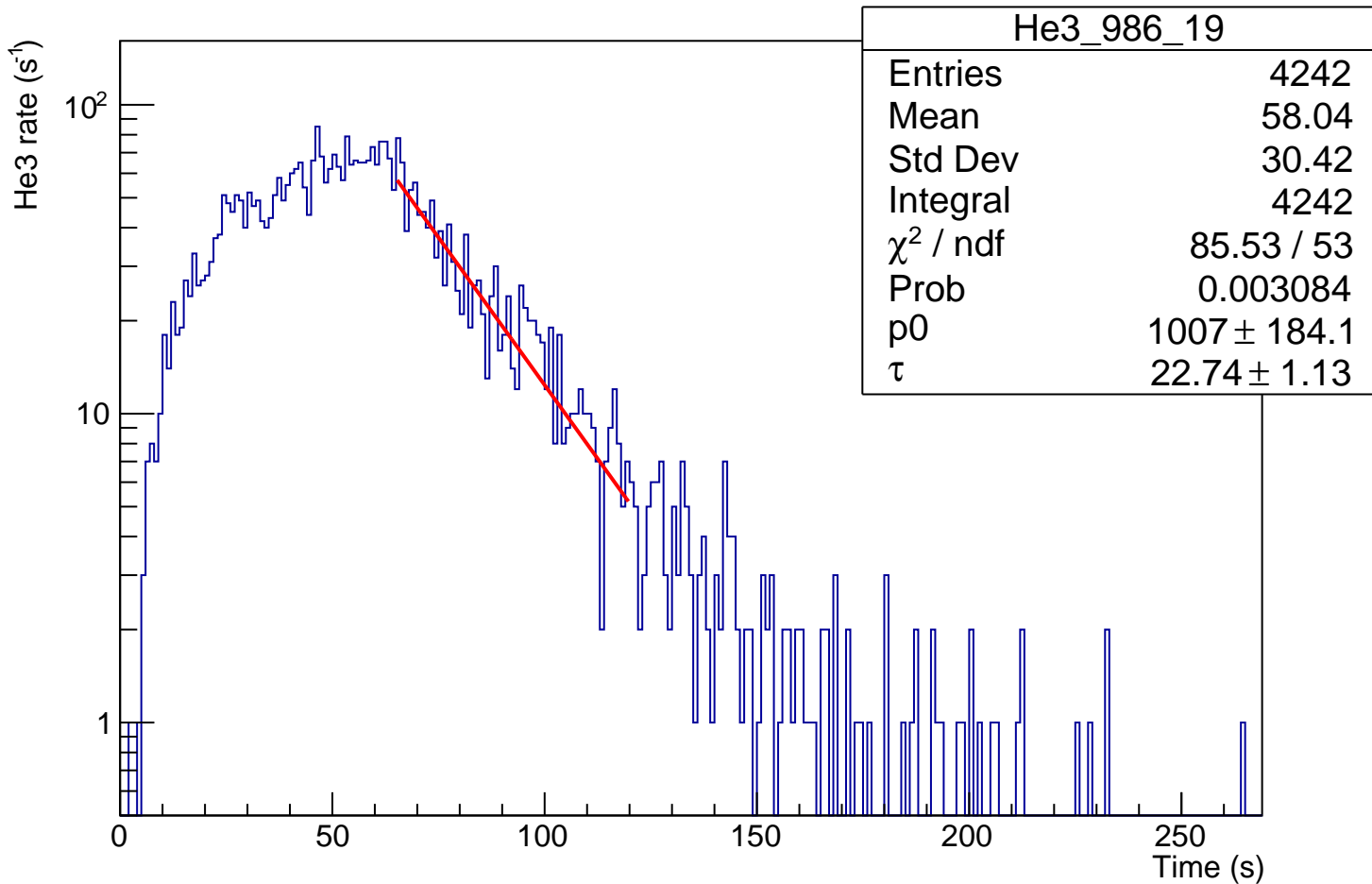
He3 detector rate



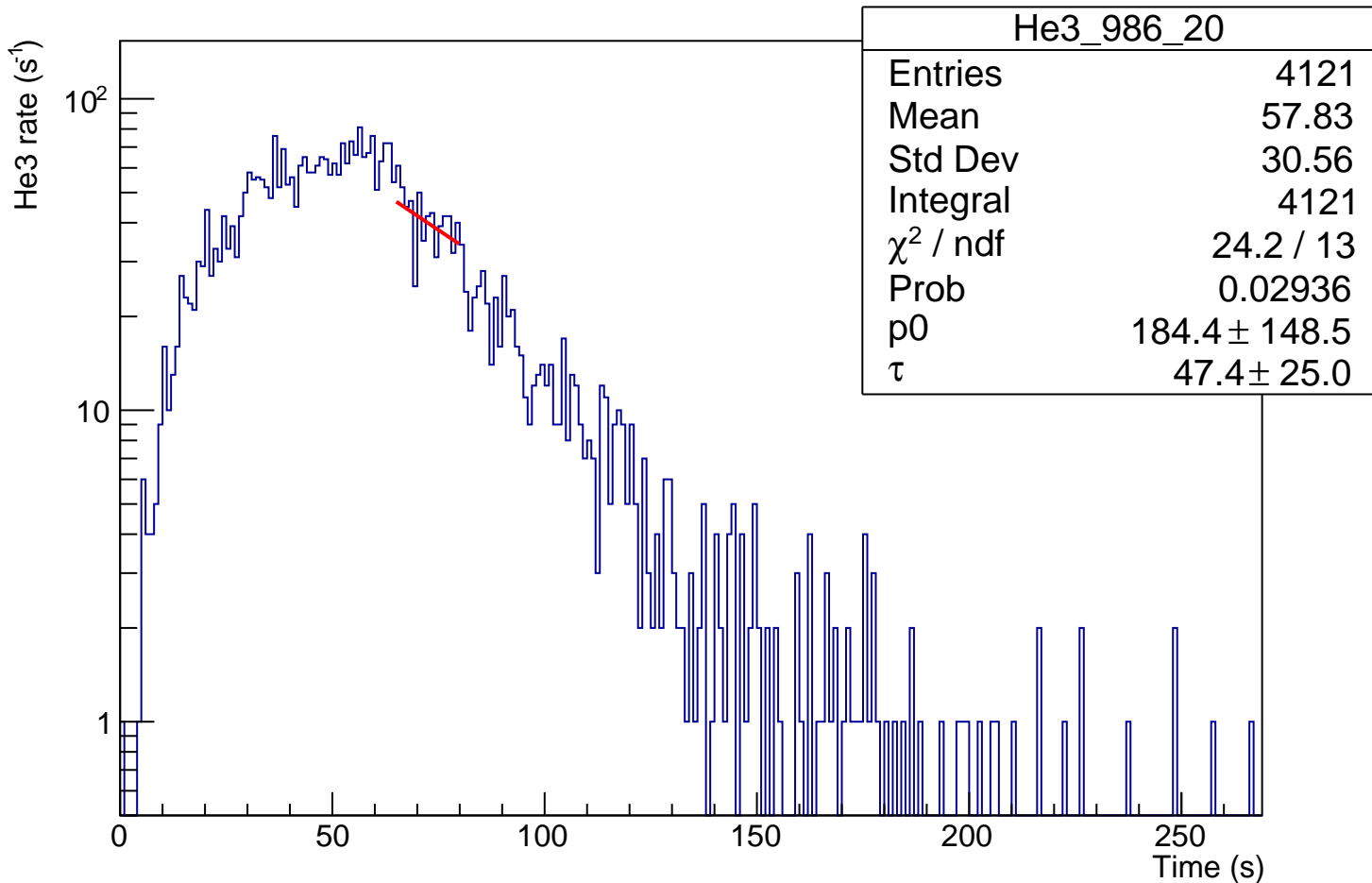
He3 detector rate



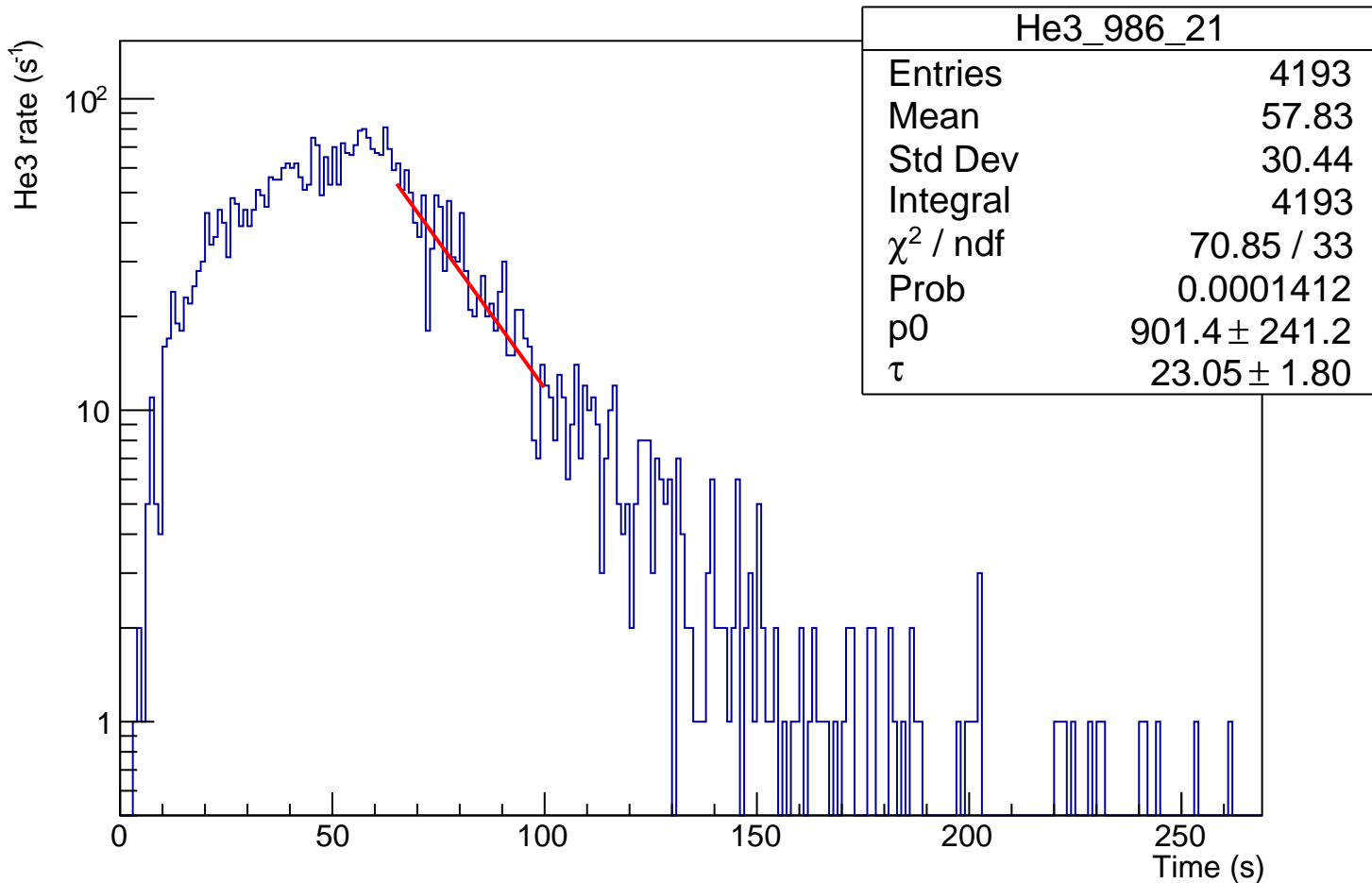
He3 detector rate



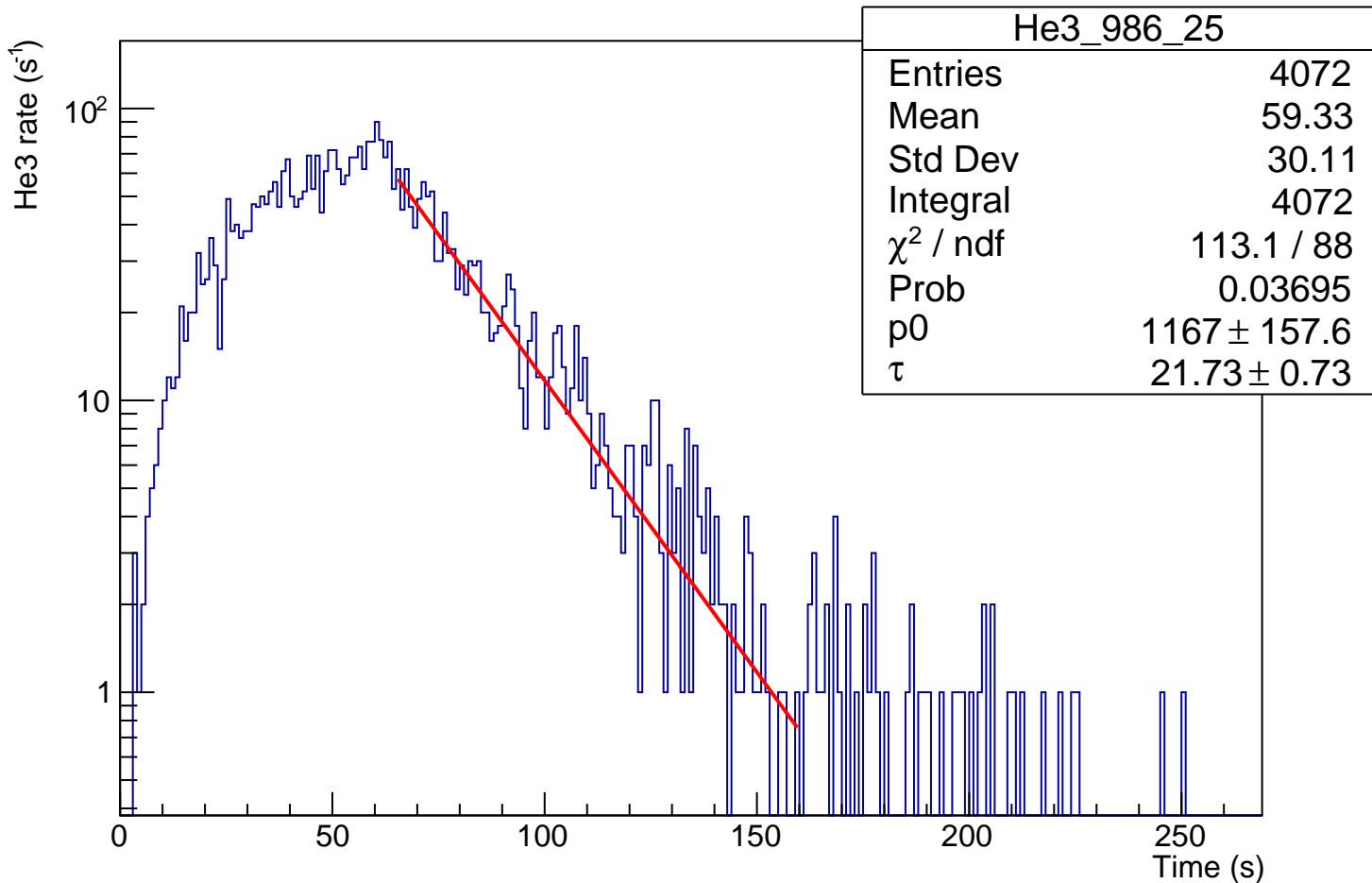
He3 detector rate



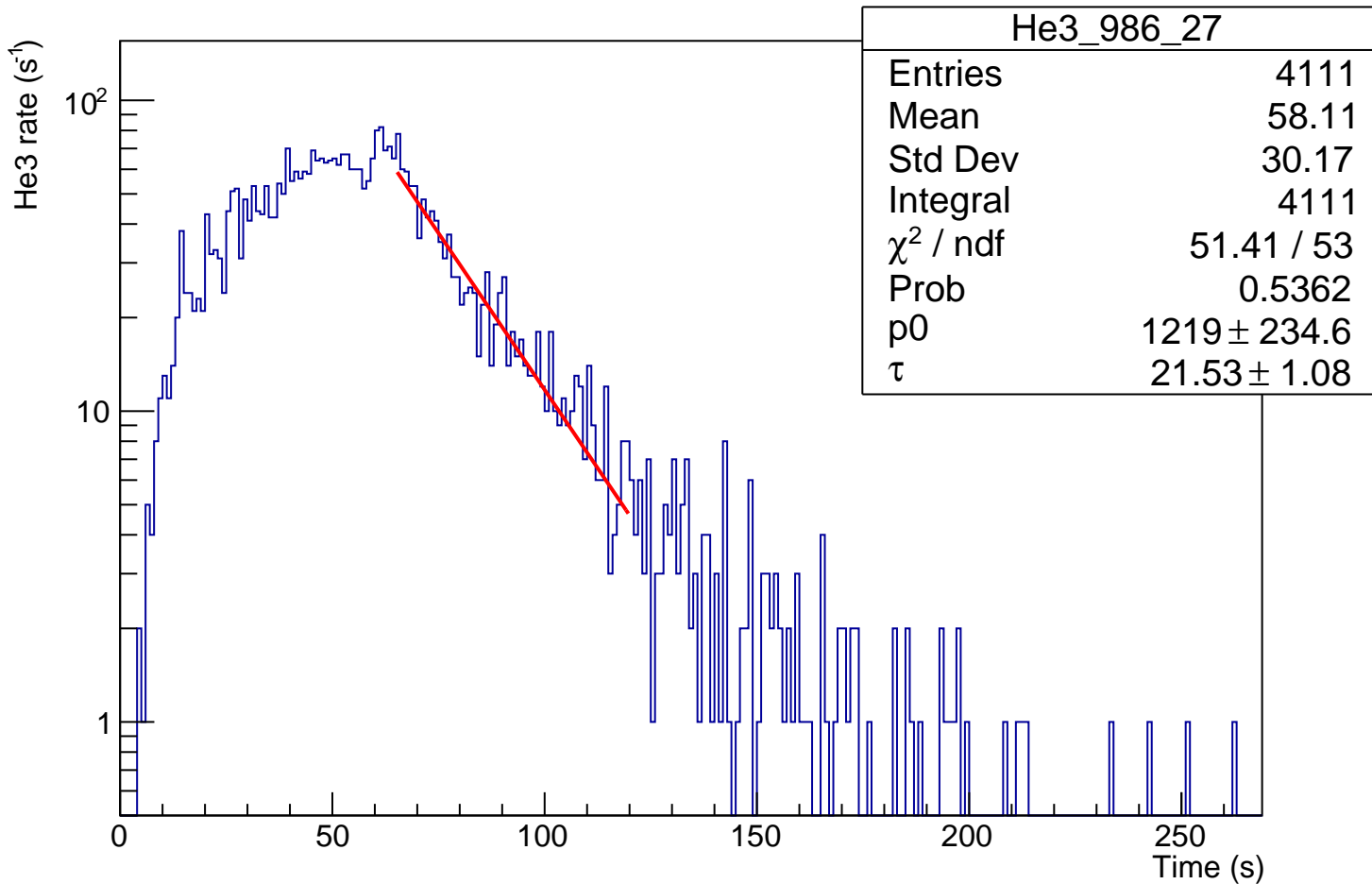
He3 detector rate



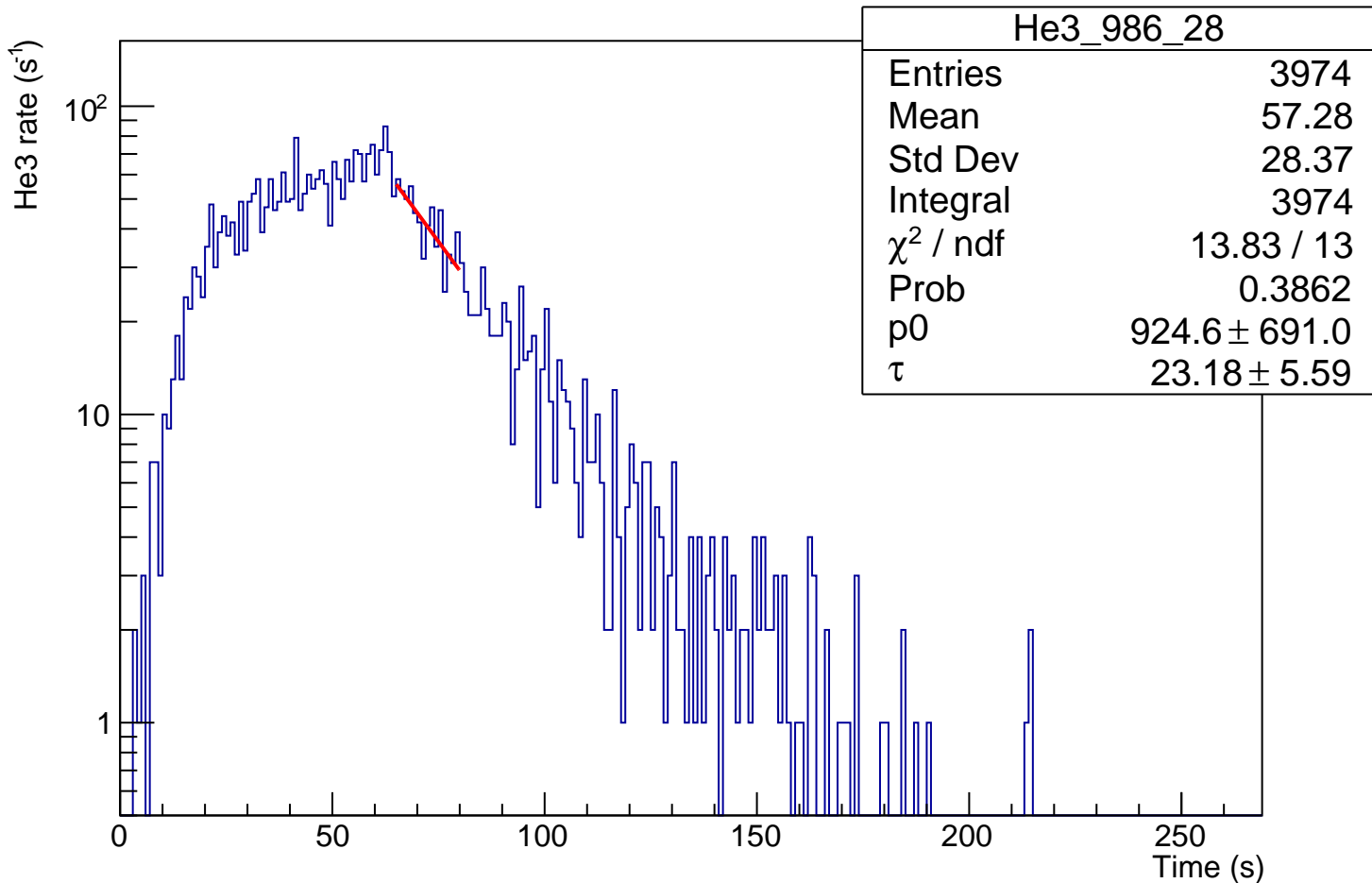
He3 detector rate



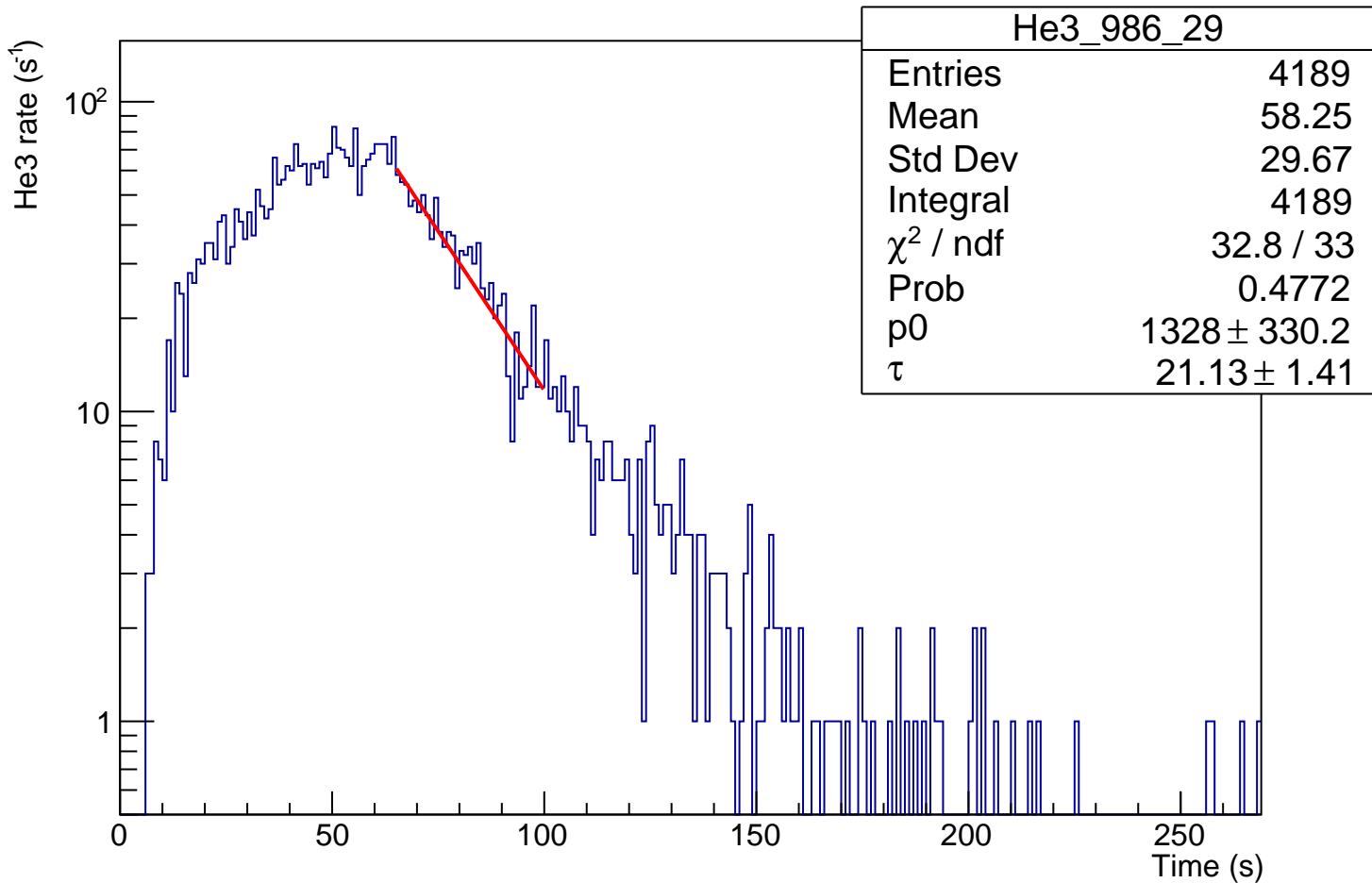
He3 detector rate



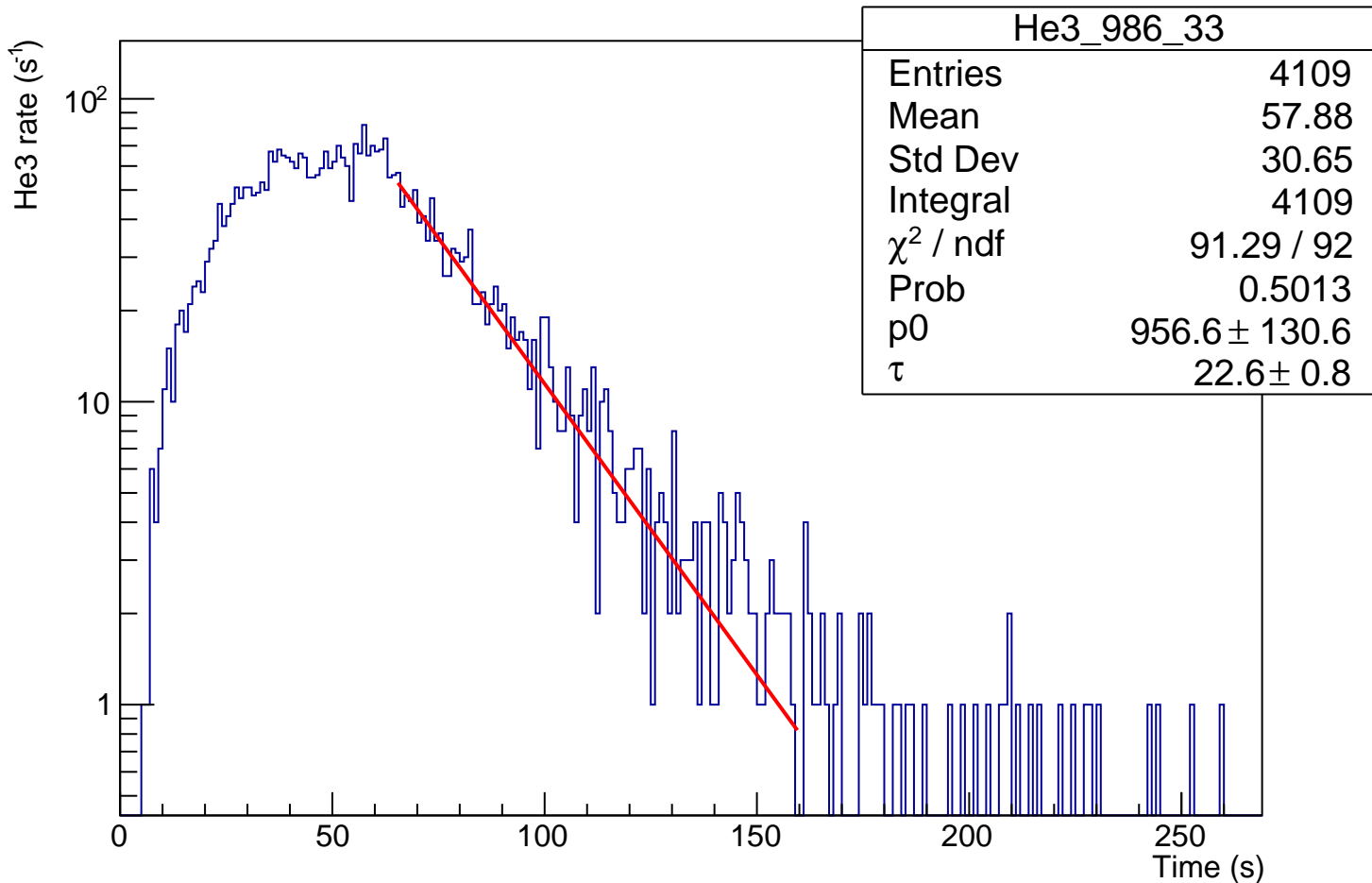
He3 detector rate



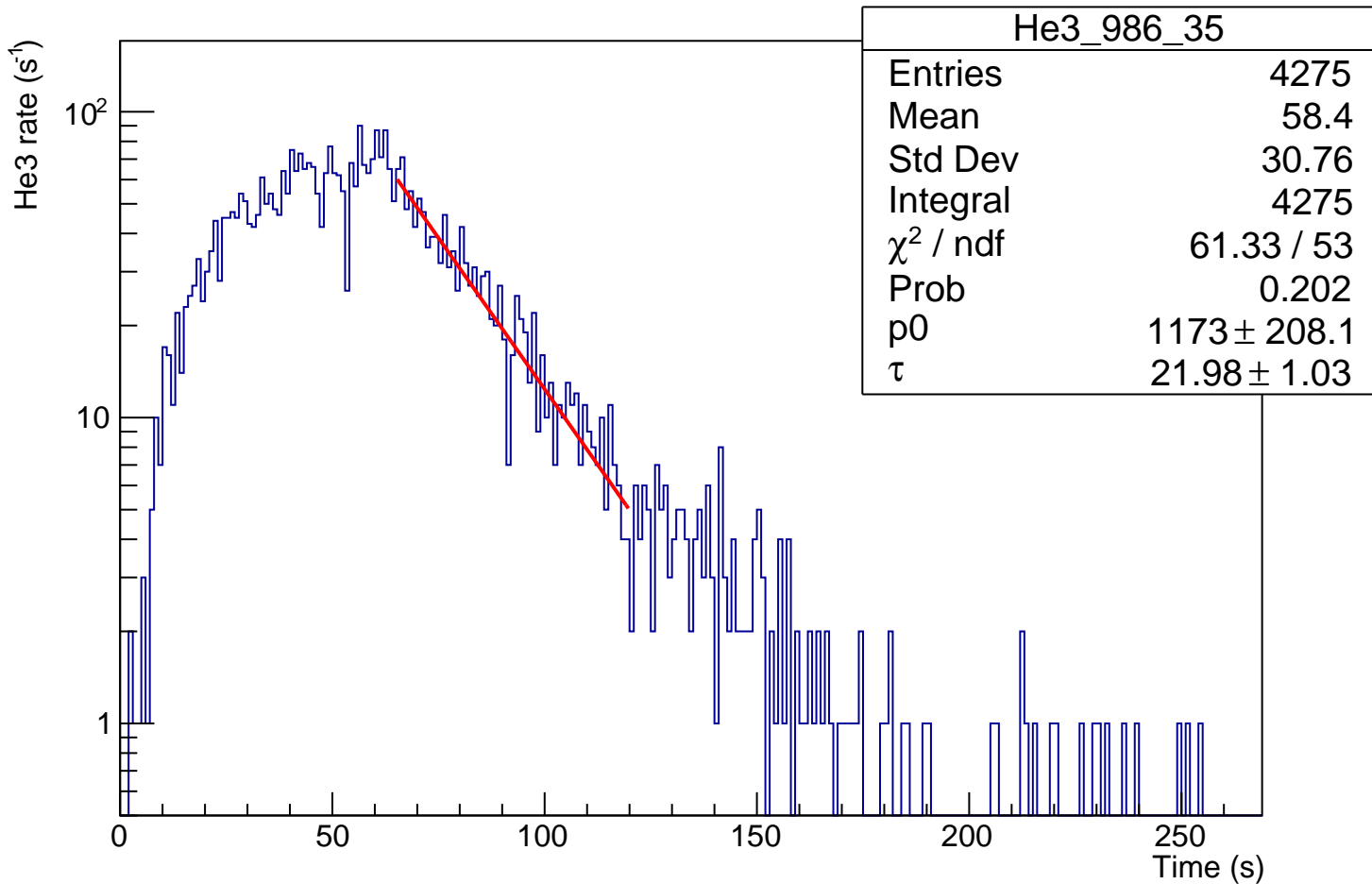
He3 detector rate



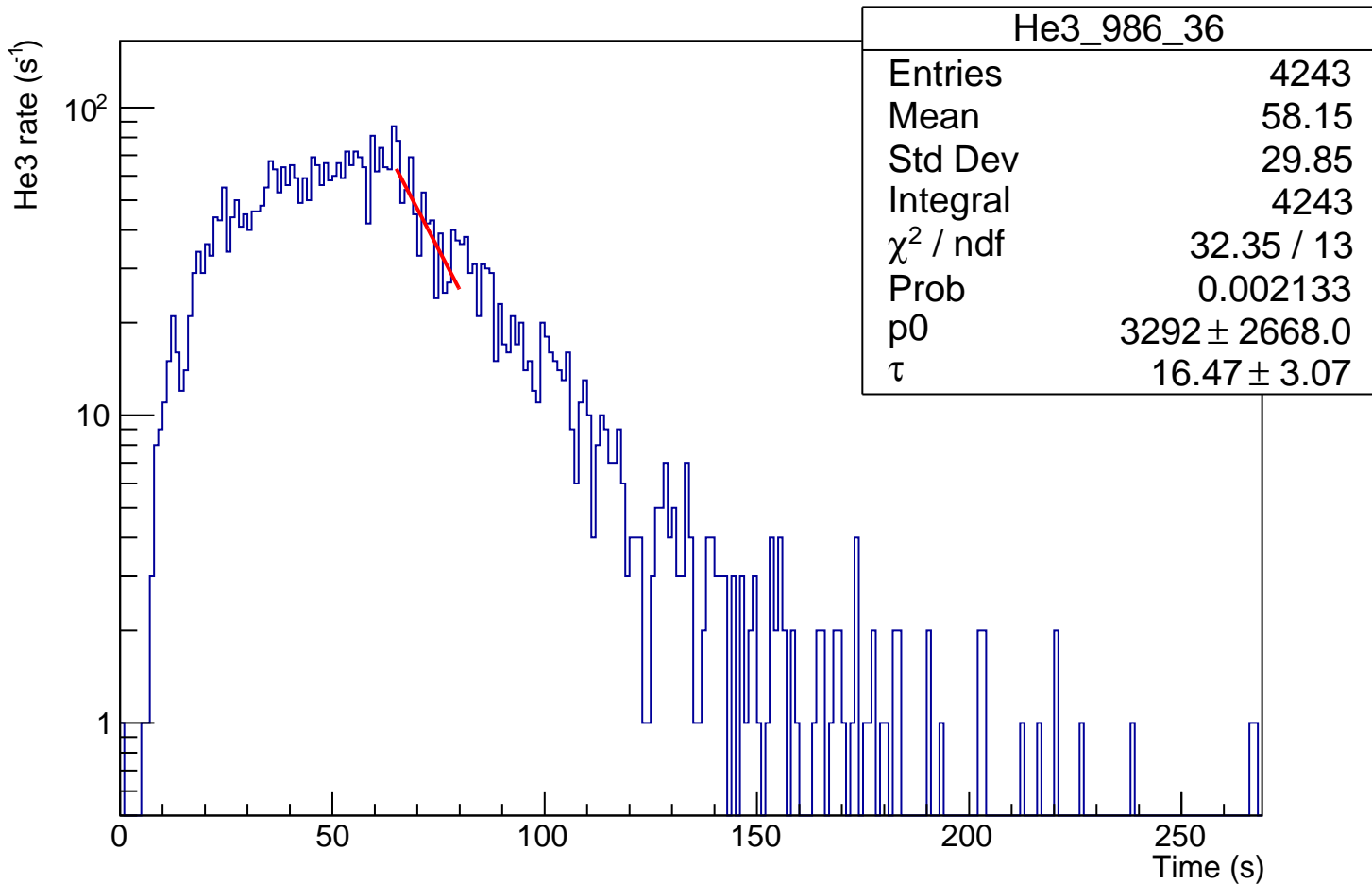
He3 detector rate



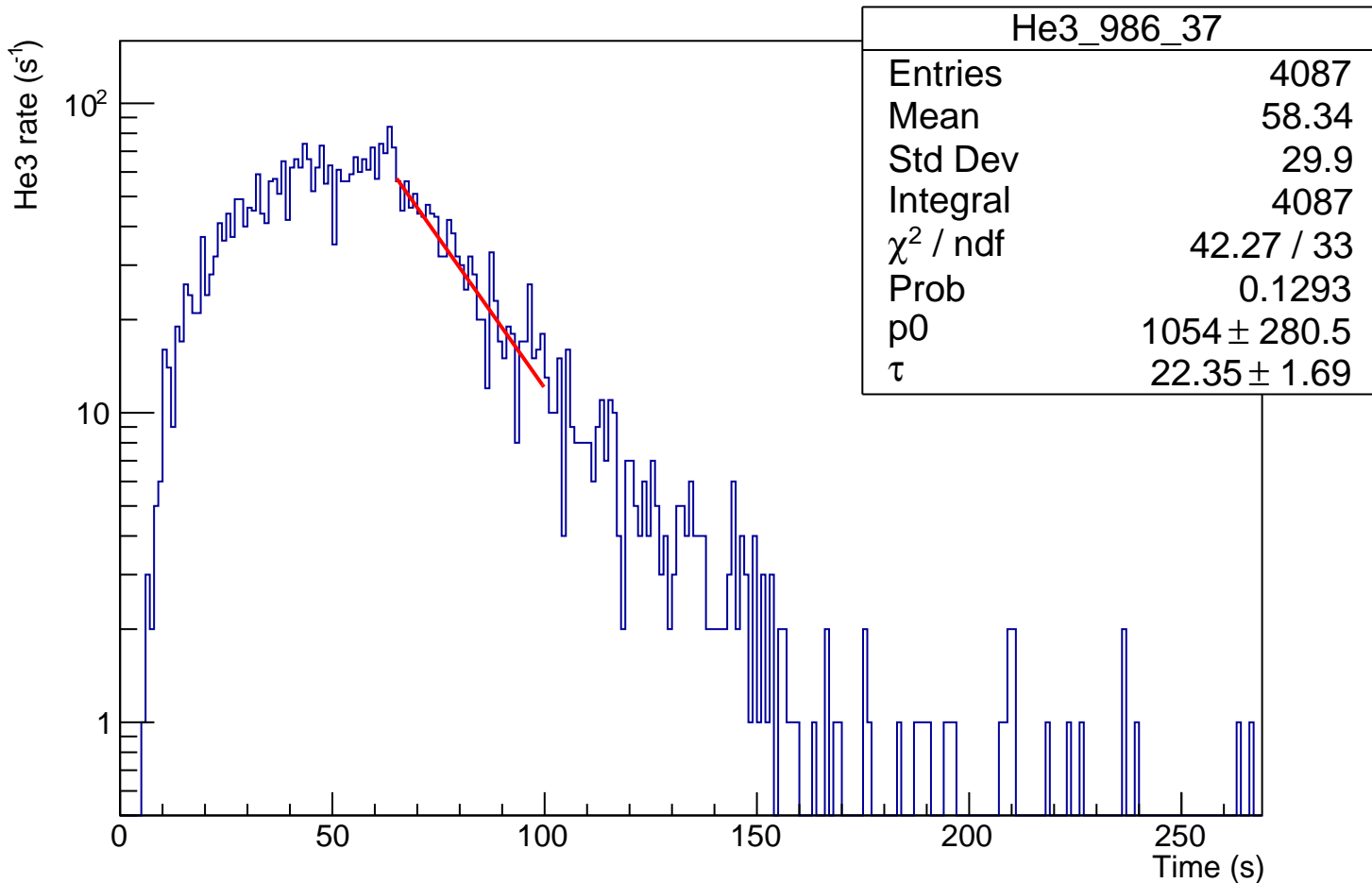
He3 detector rate



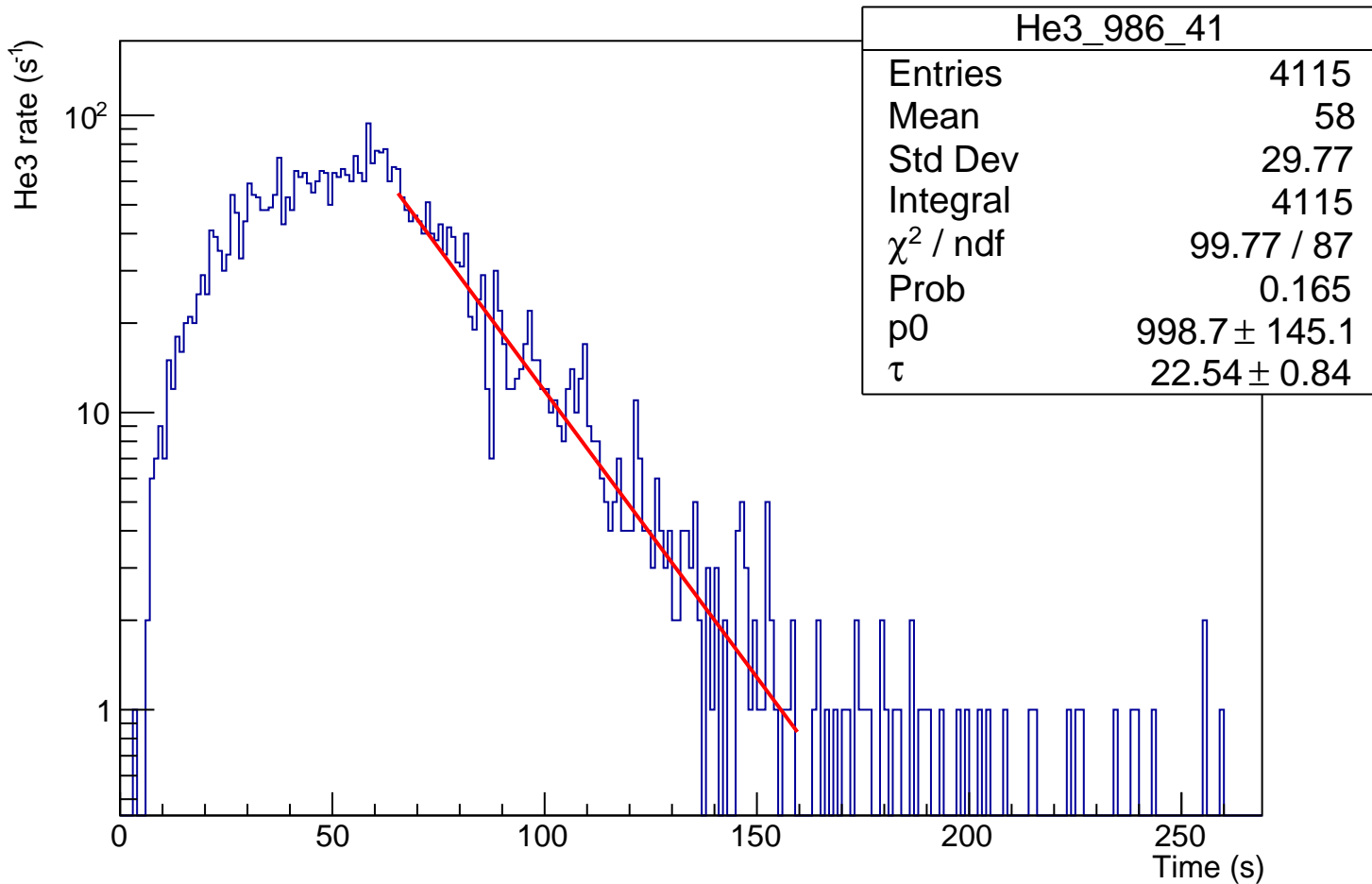
He3 detector rate



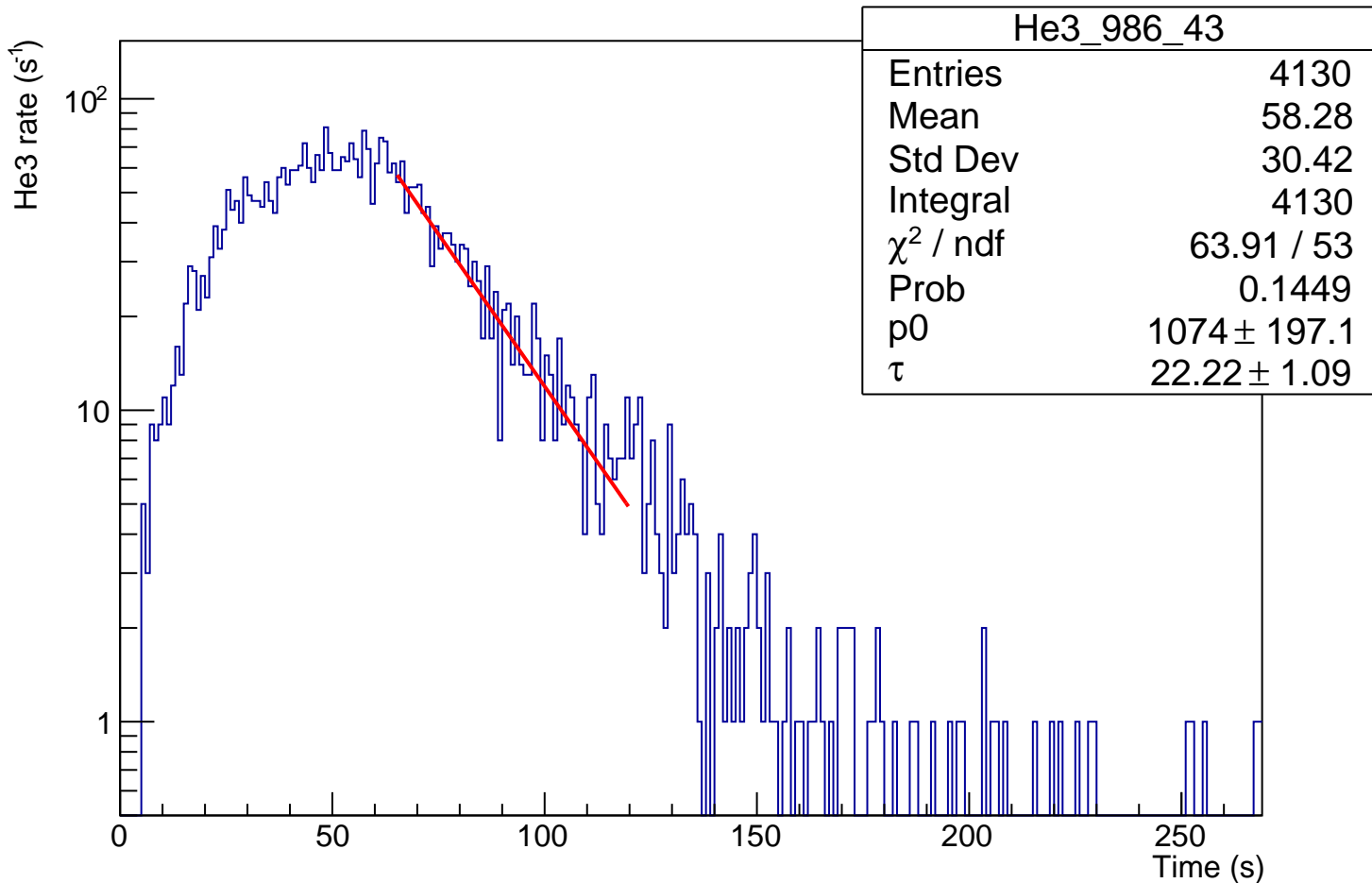
He3 detector rate



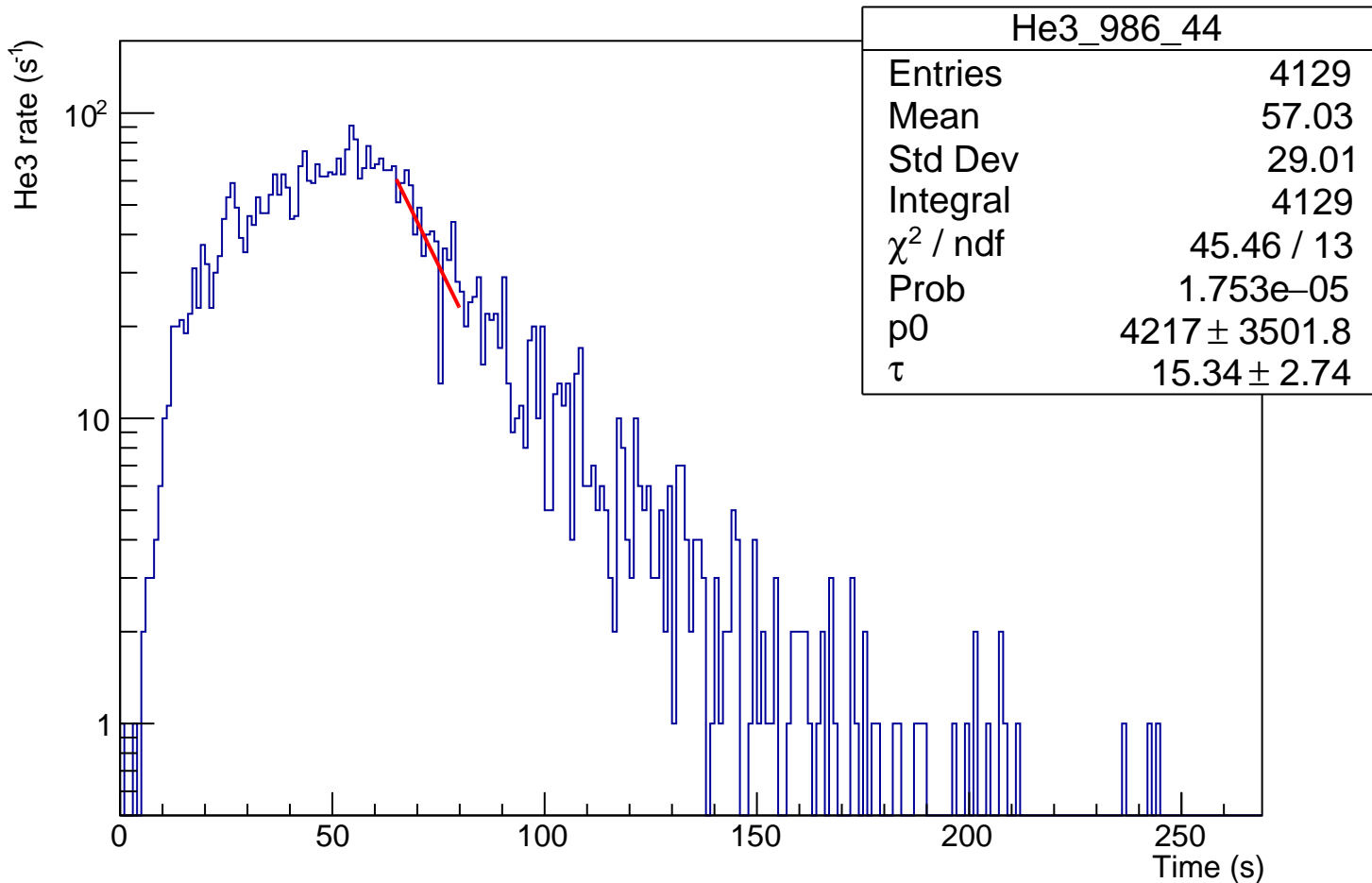
He3 detector rate



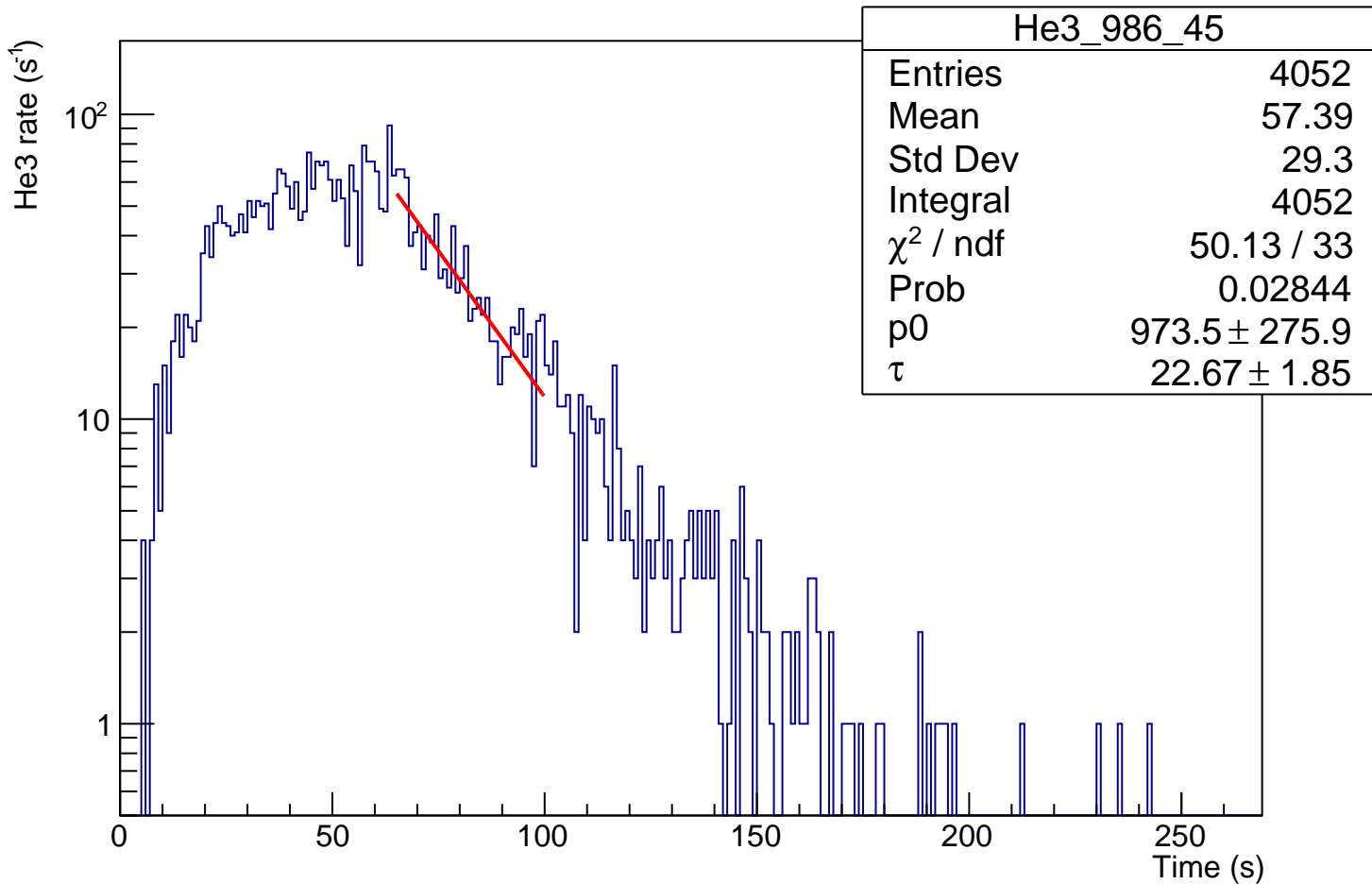
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 21.9771763751 \pm 0.0029712175946 \text{ s}$$