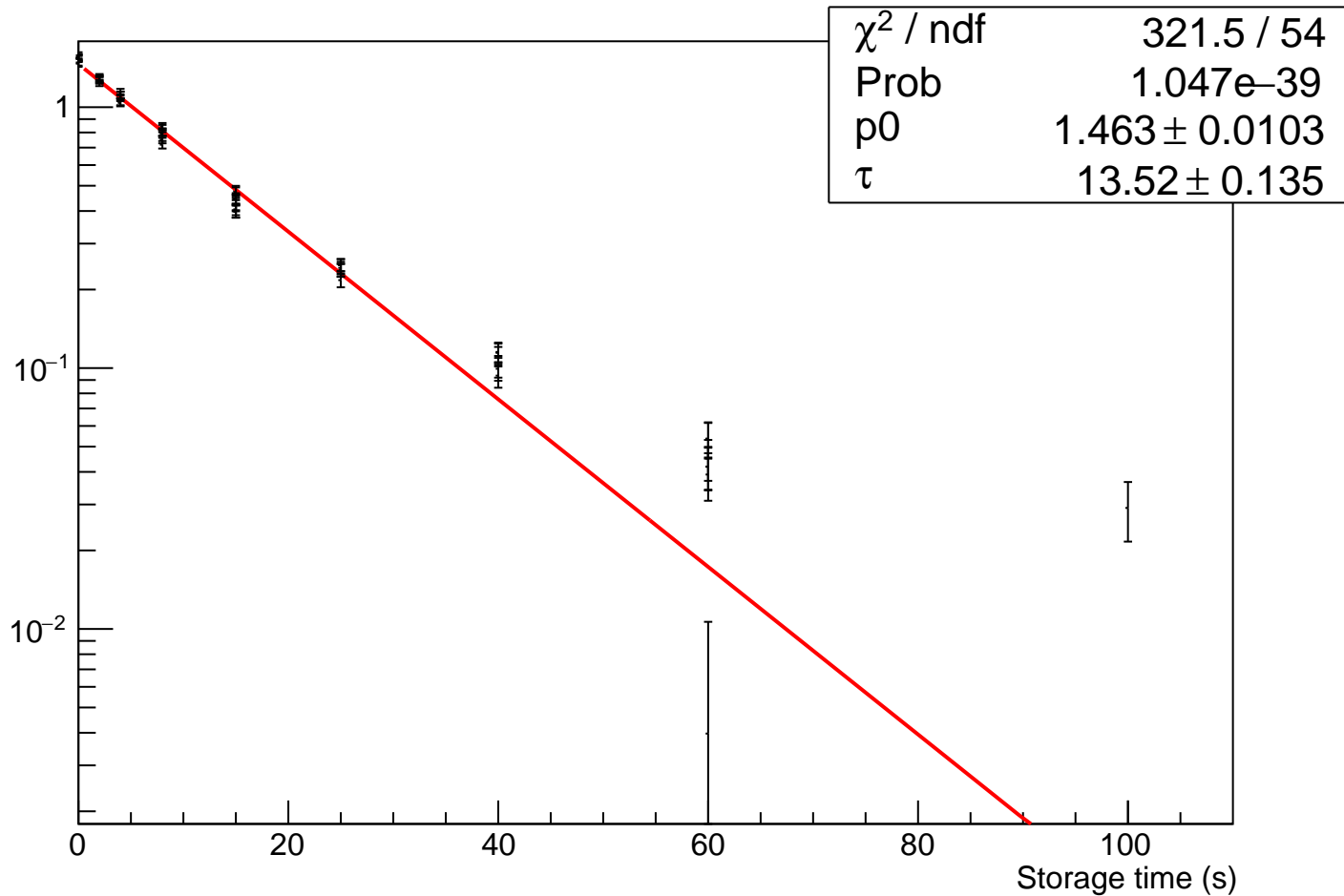
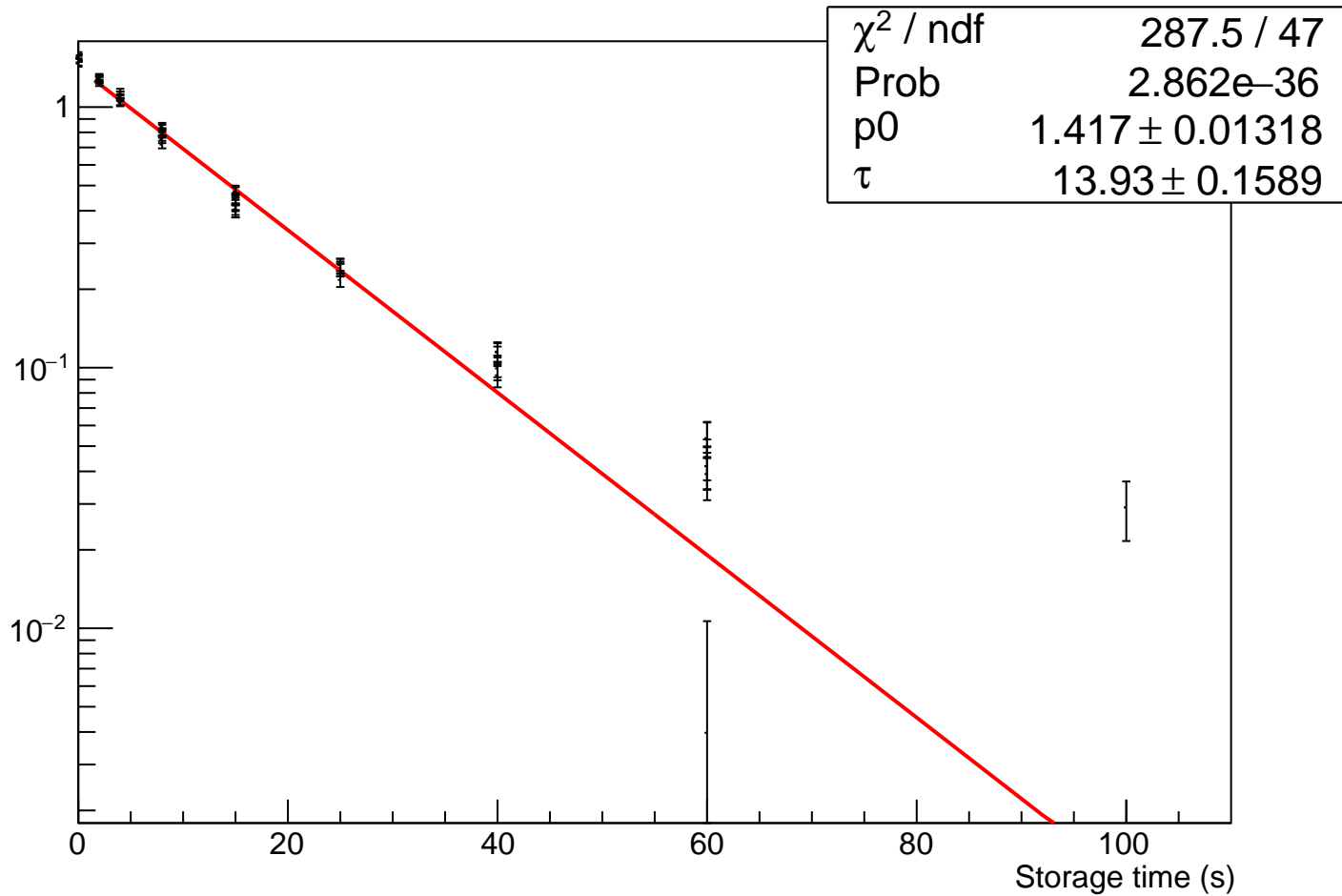


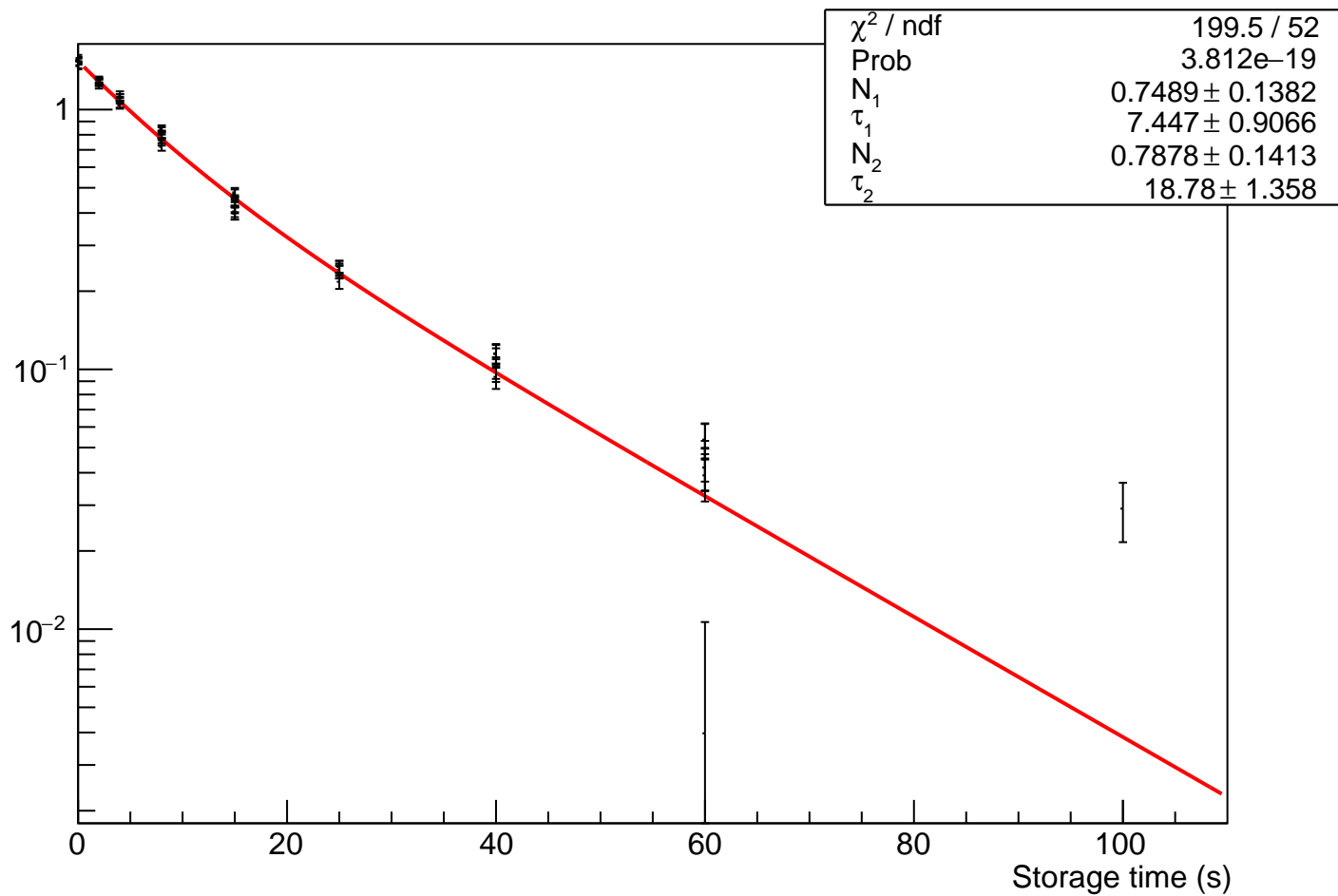
UCN-count-to-monitor ratio



UCN-count-to-monitor ratio



UCN-count-to-monitor ratio



UCN count

 10^3

0

20

40

60

80

100

Storage time (s)

 χ^2 / ndf

965.4 / 53

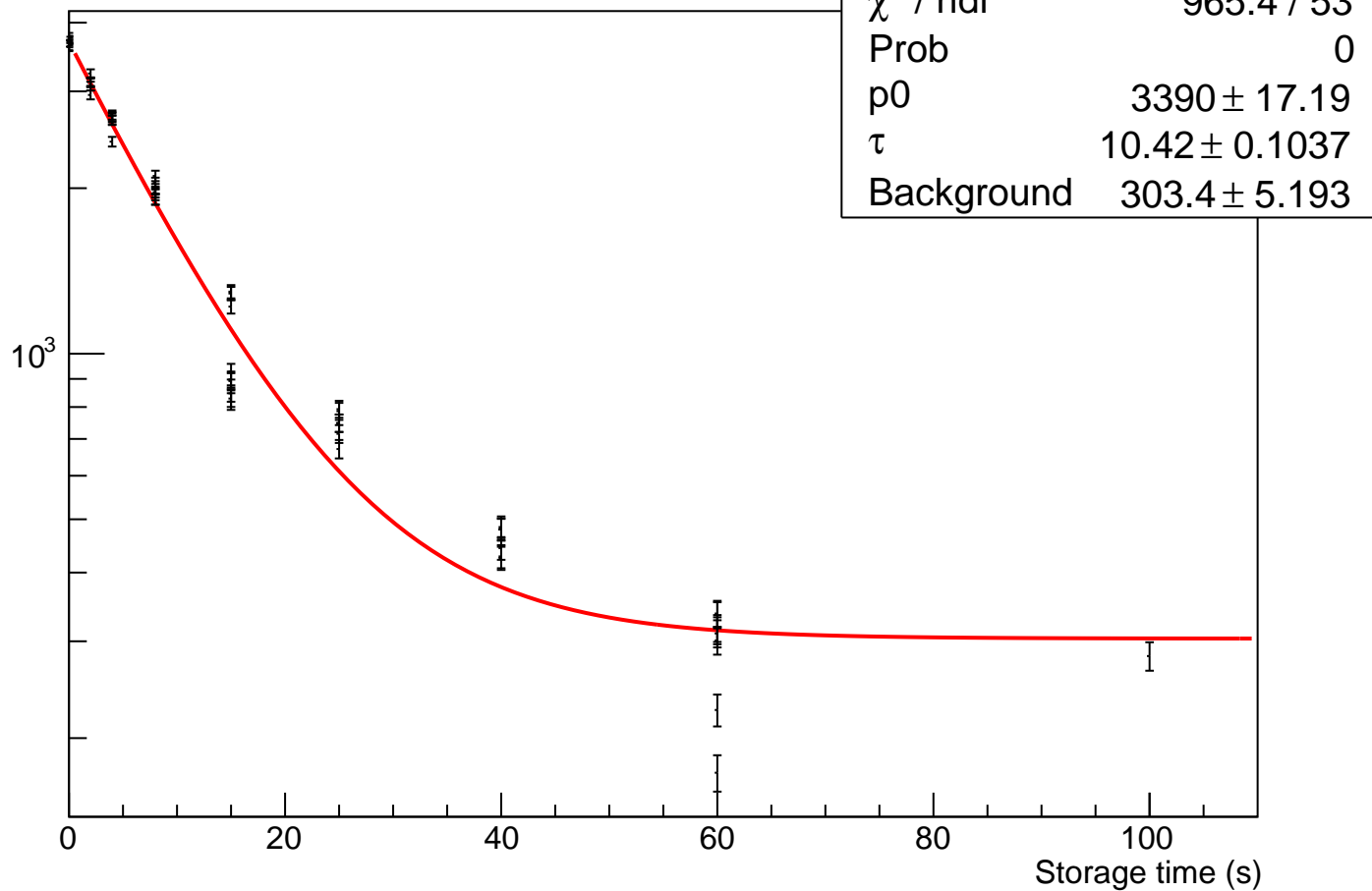
Prob

0

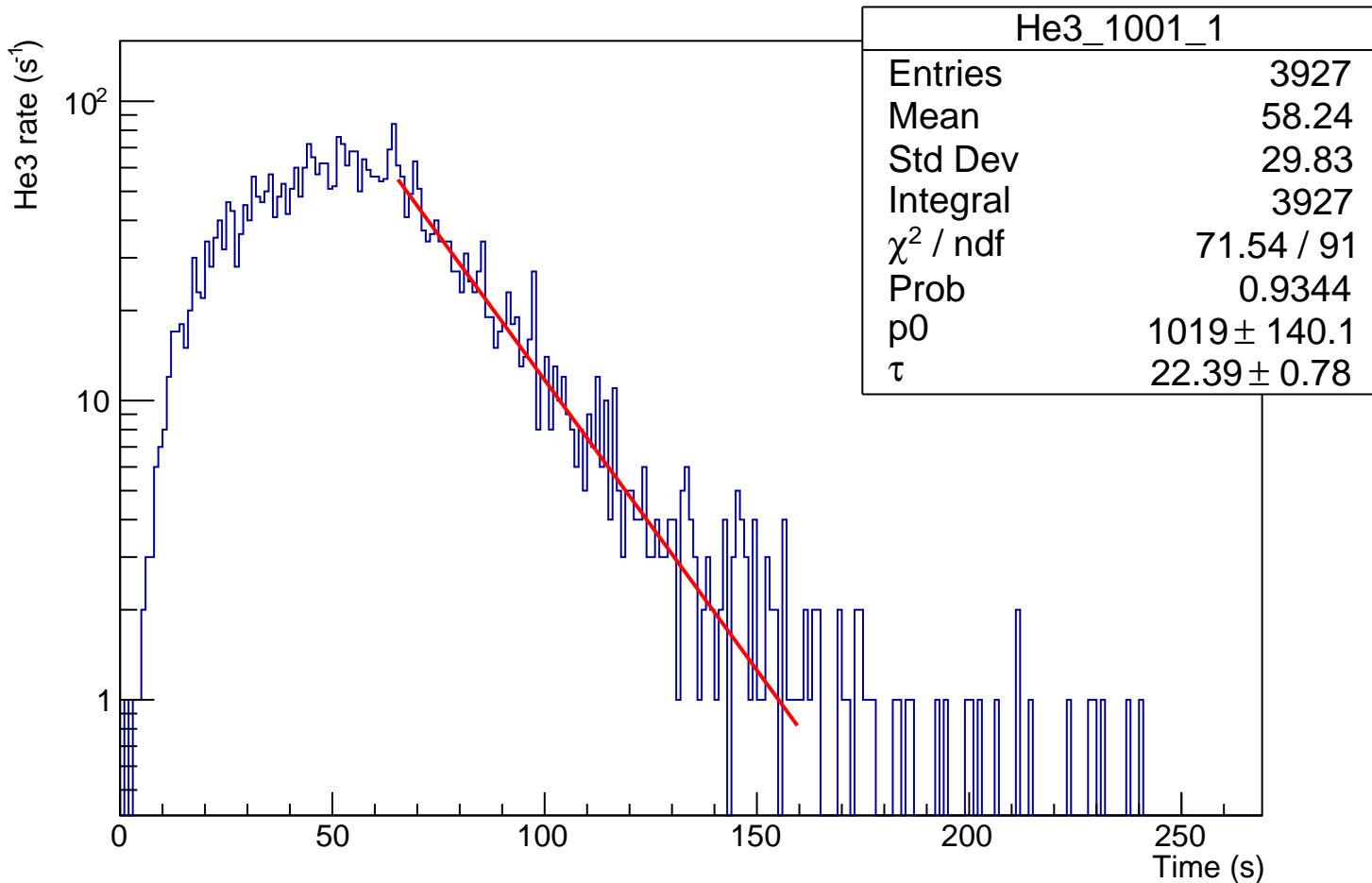
p0

 3390 ± 17.19 τ 10.42 ± 0.1037

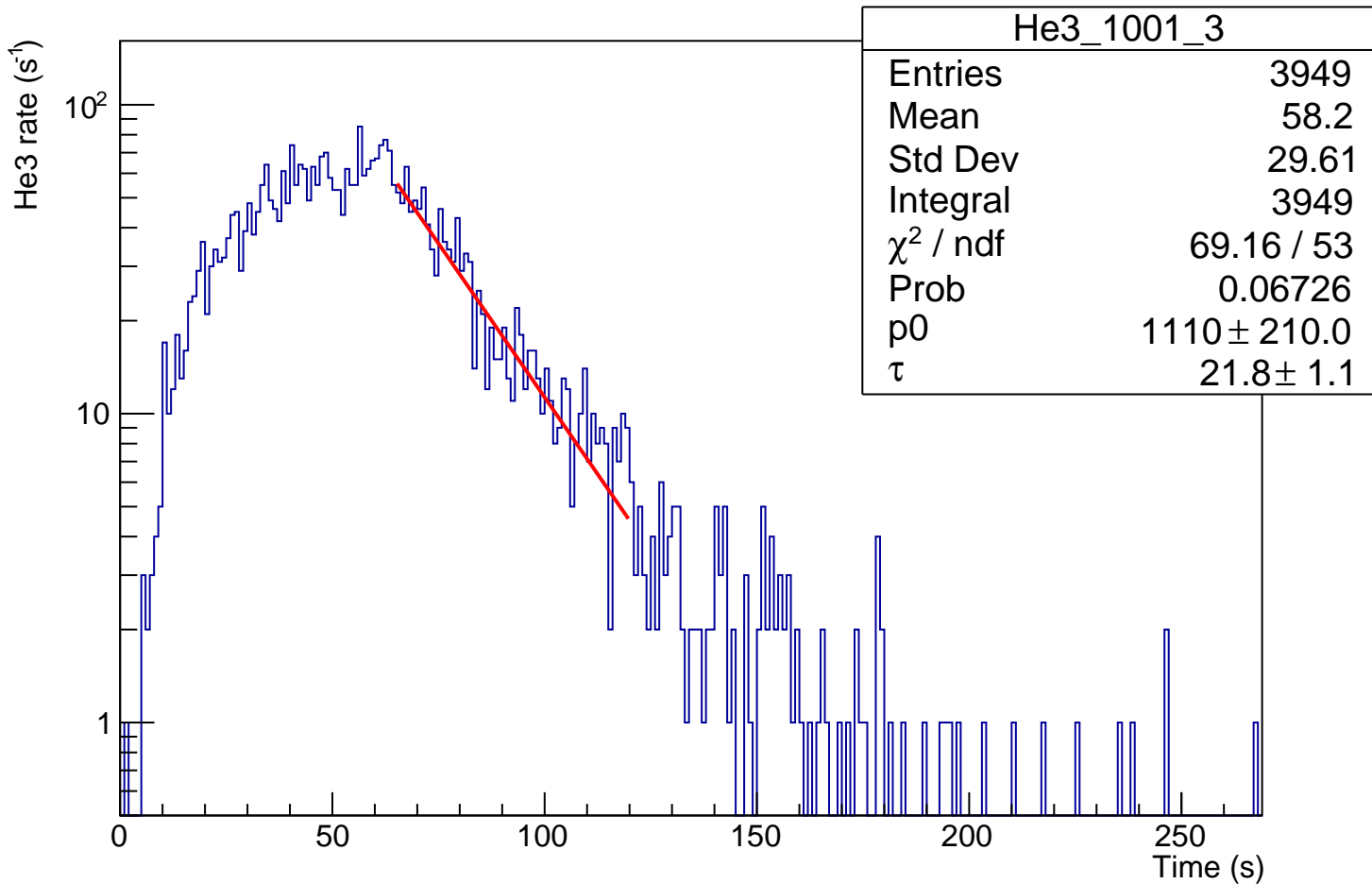
Background

 303.4 ± 5.193 

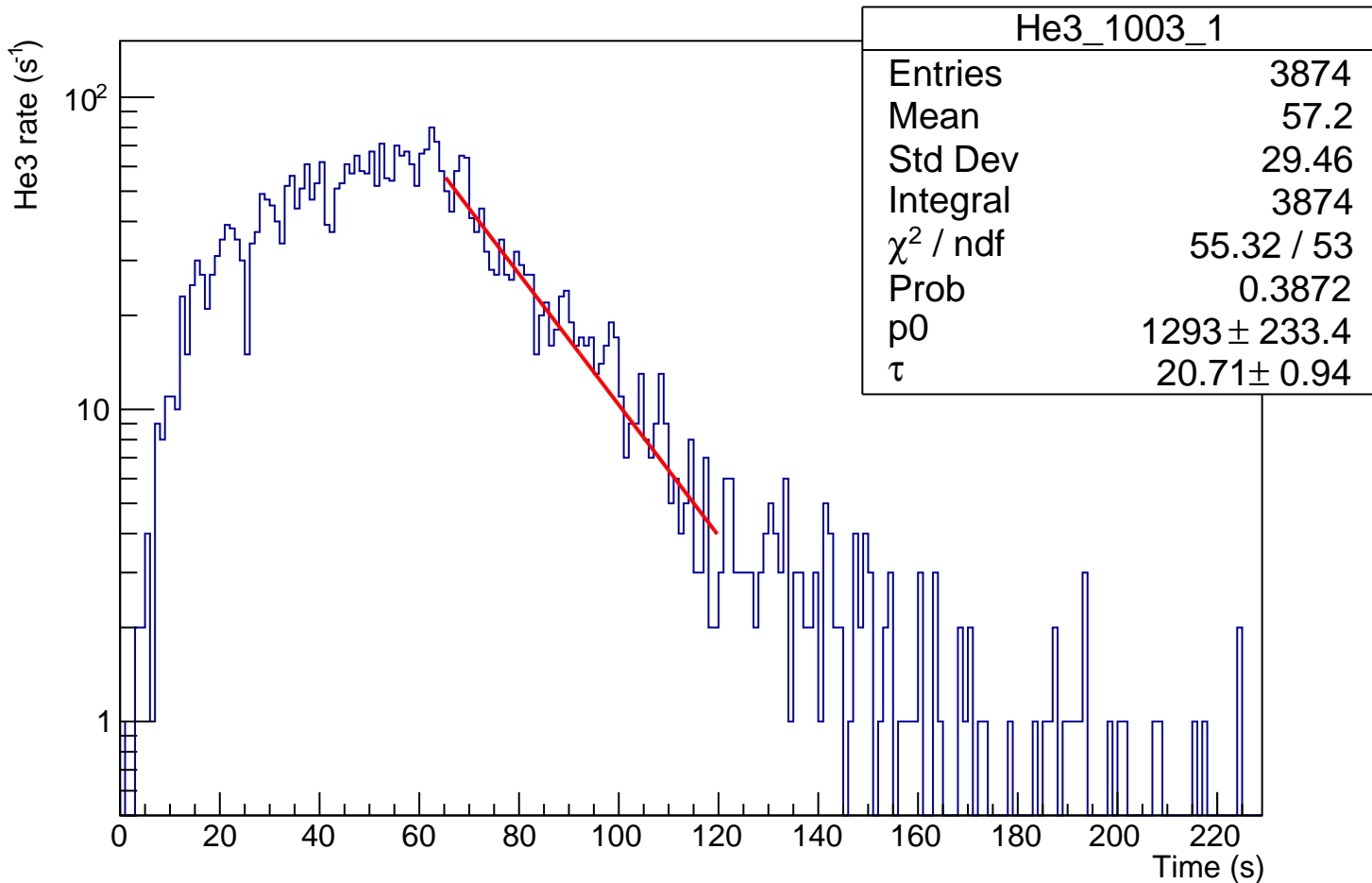
He3 detector rate



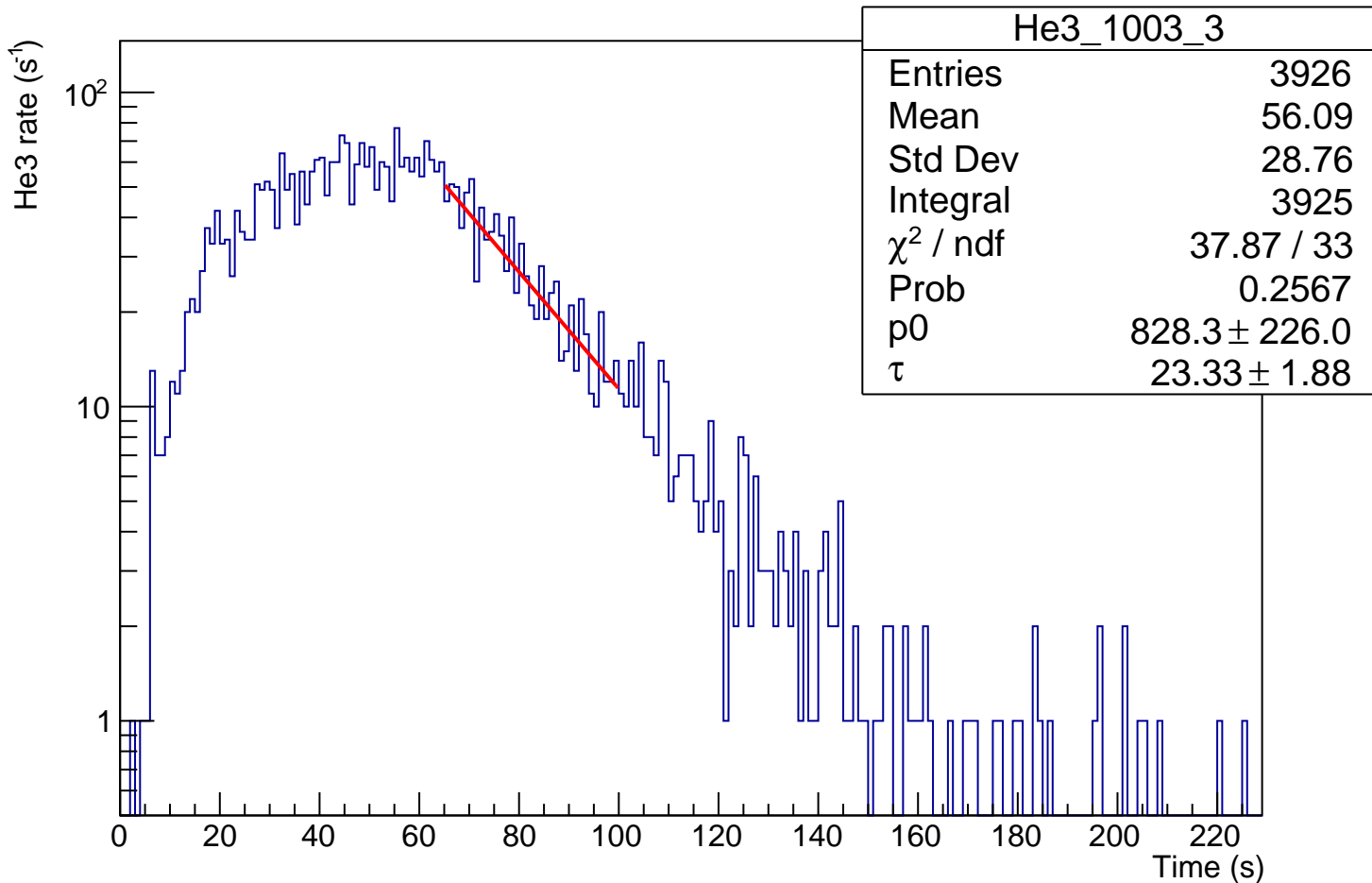
He3 detector rate



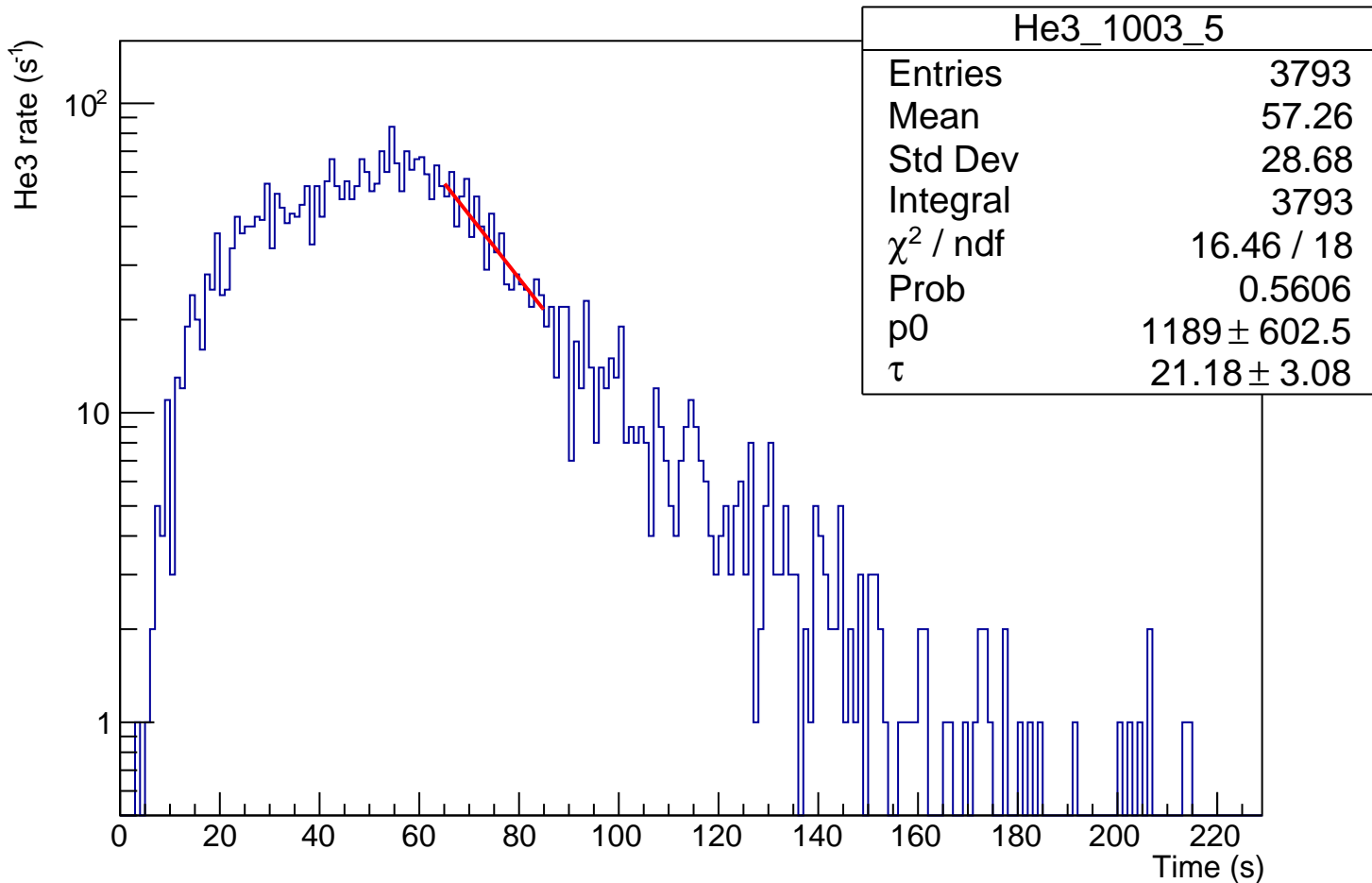
He3 detector rate



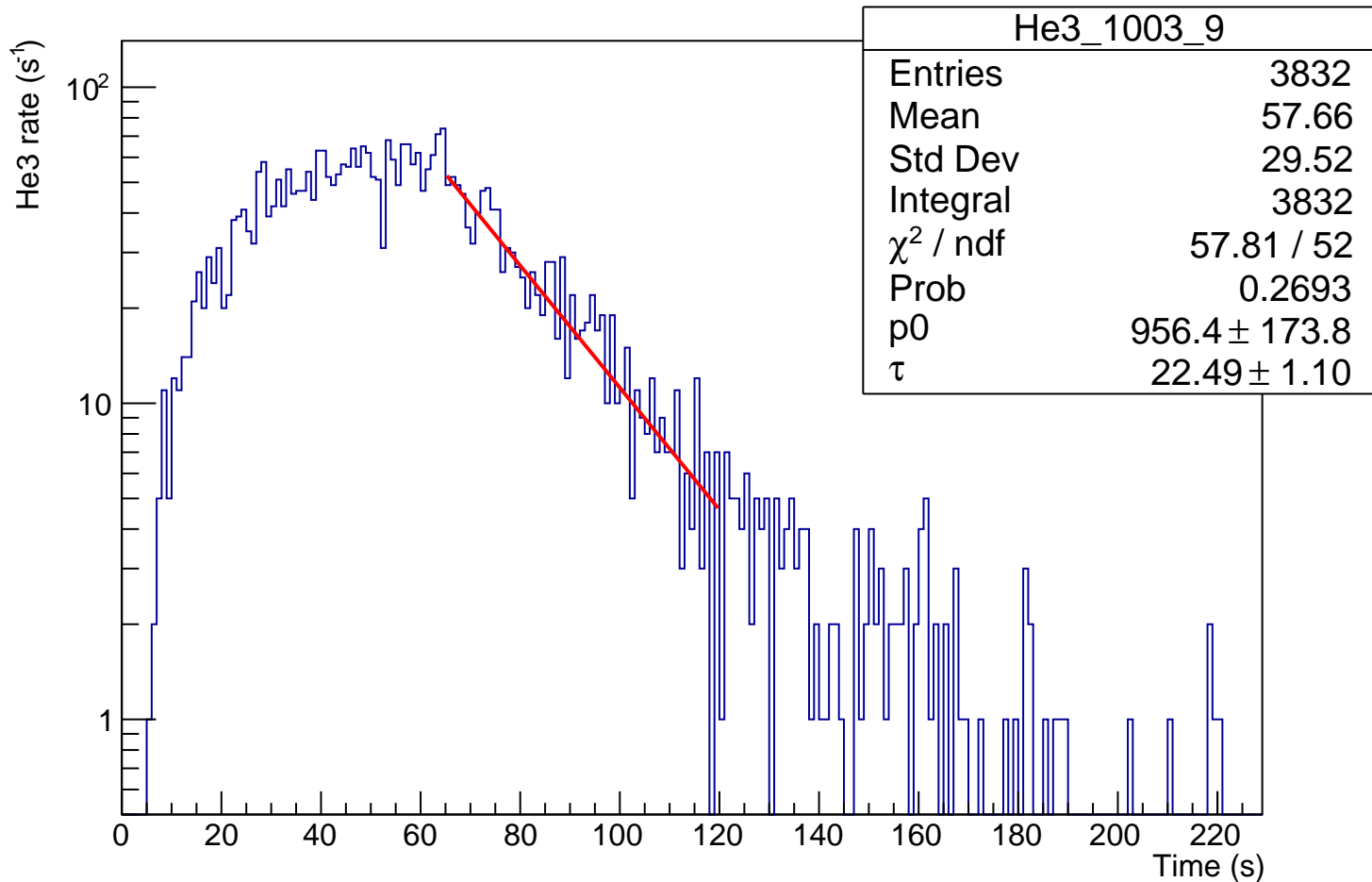
He3 detector rate



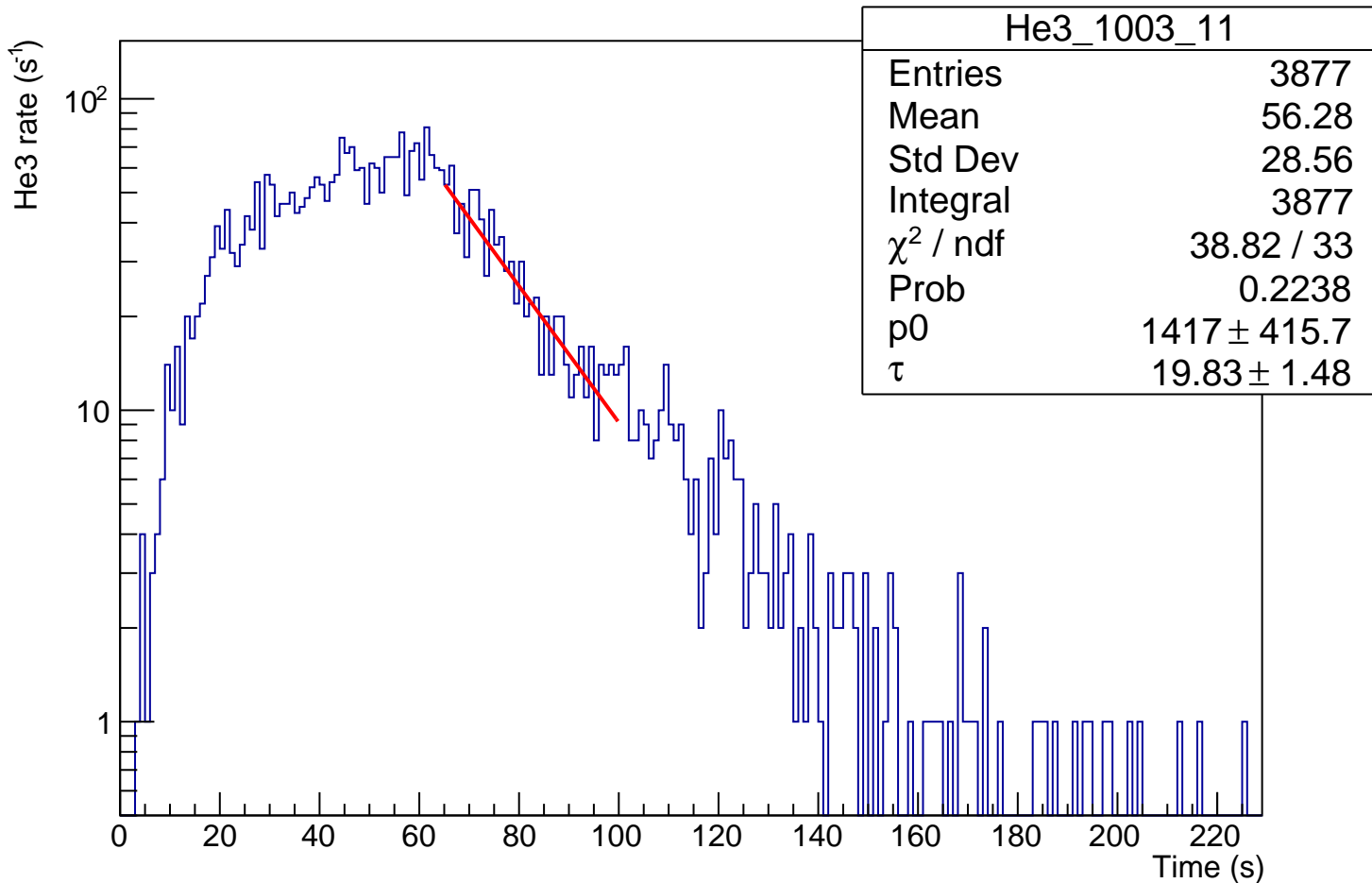
He3 detector rate



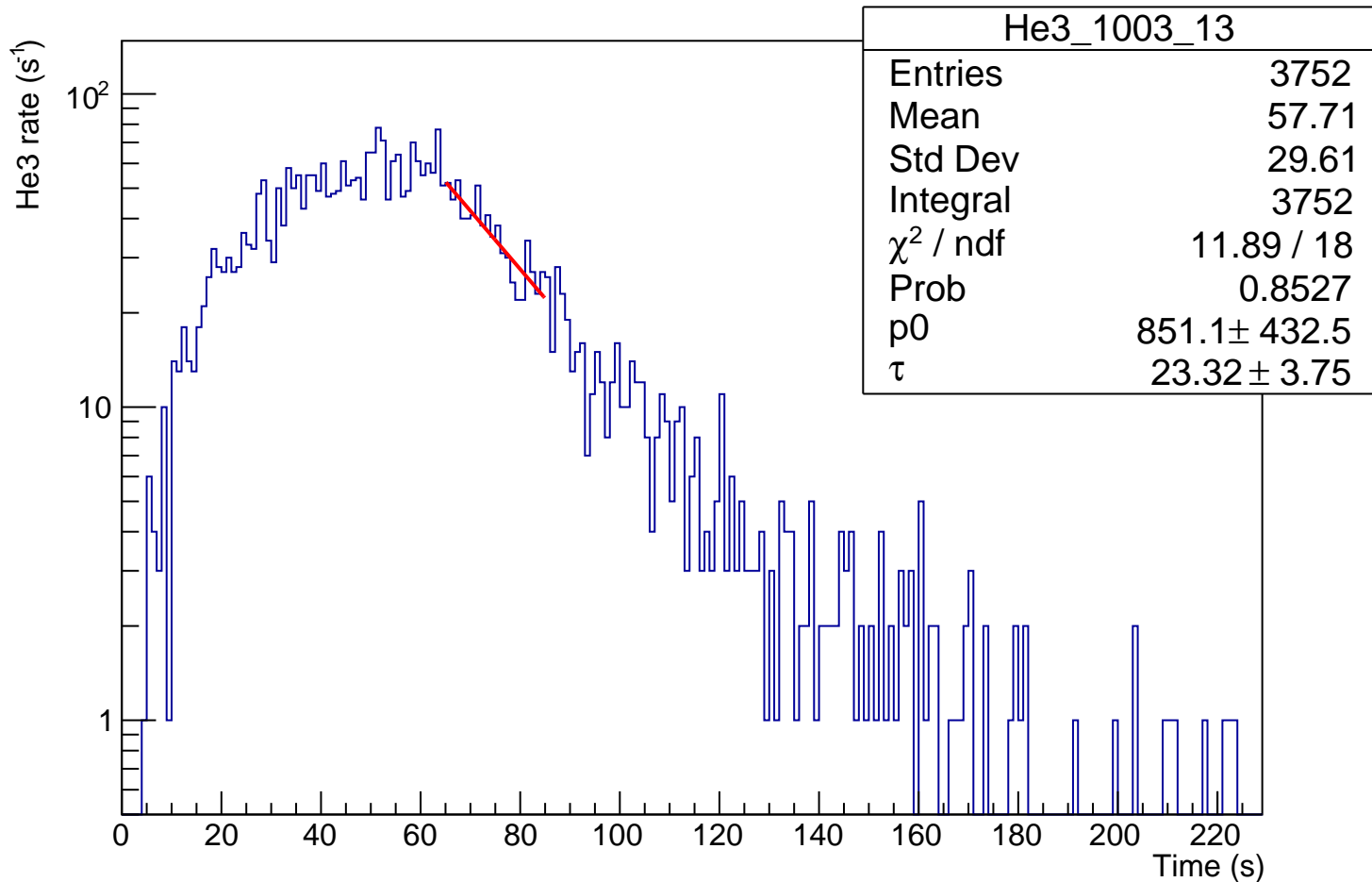
He3 detector rate



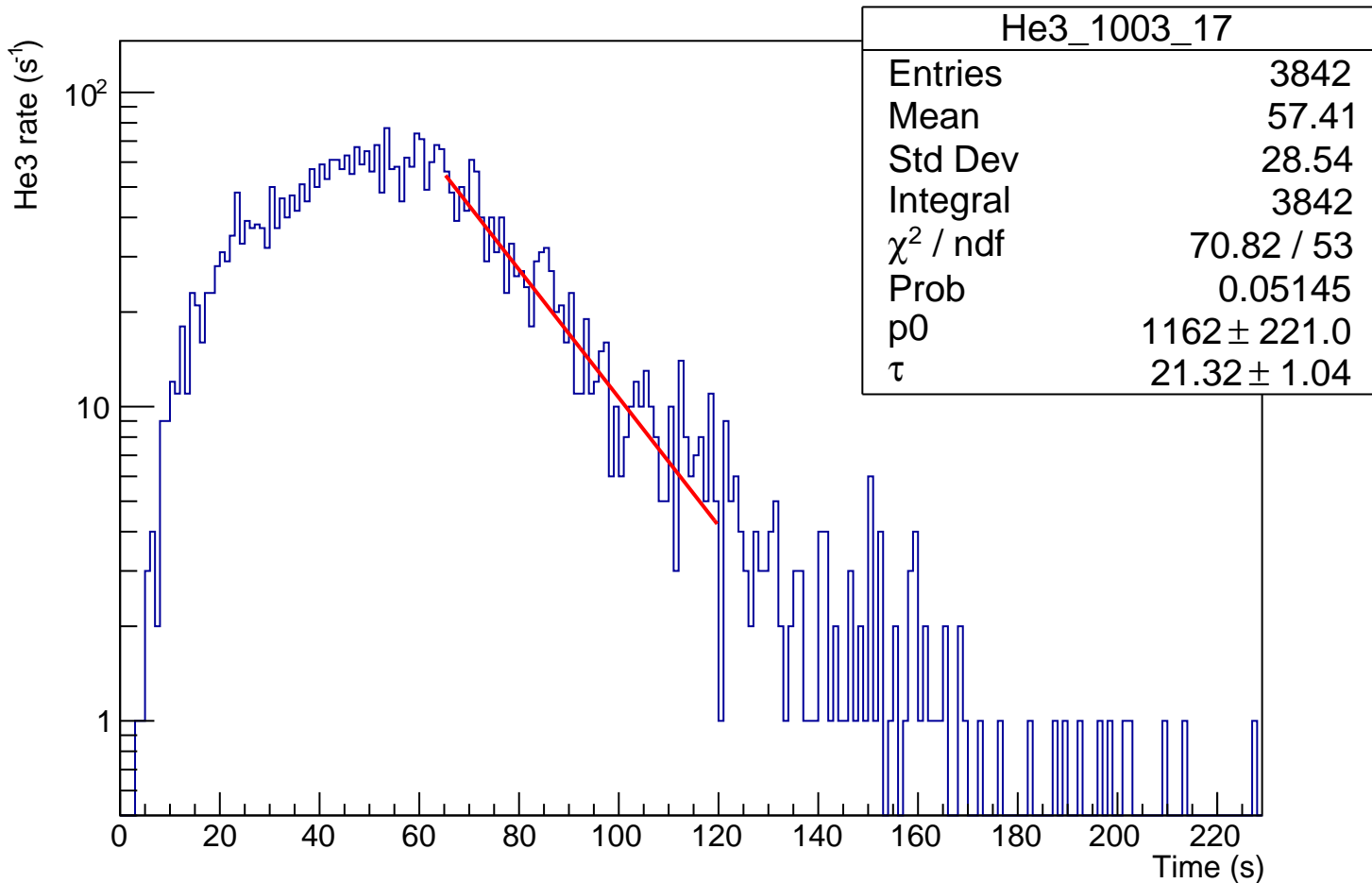
He3 detector rate



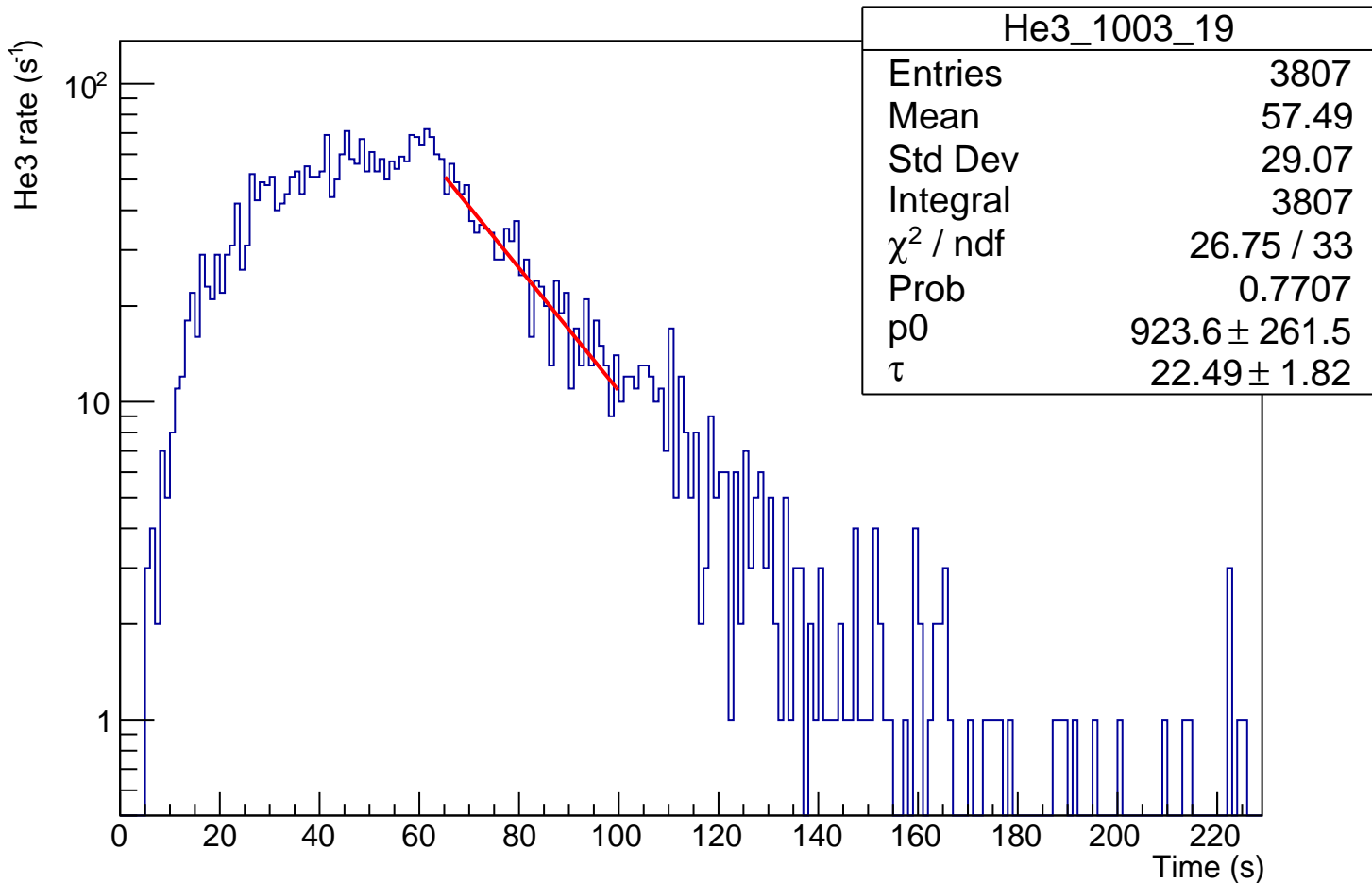
He3 detector rate



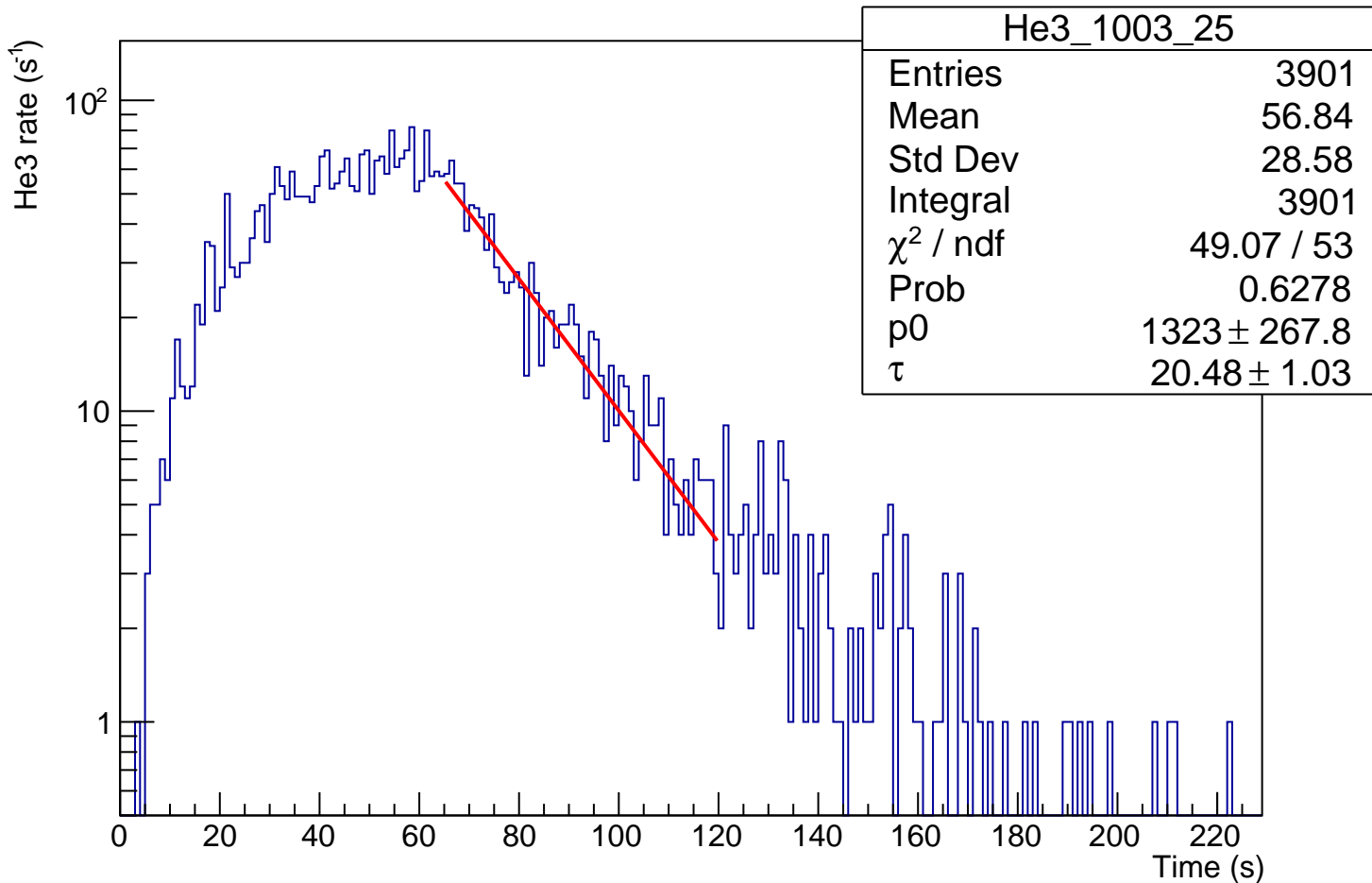
He3 detector rate



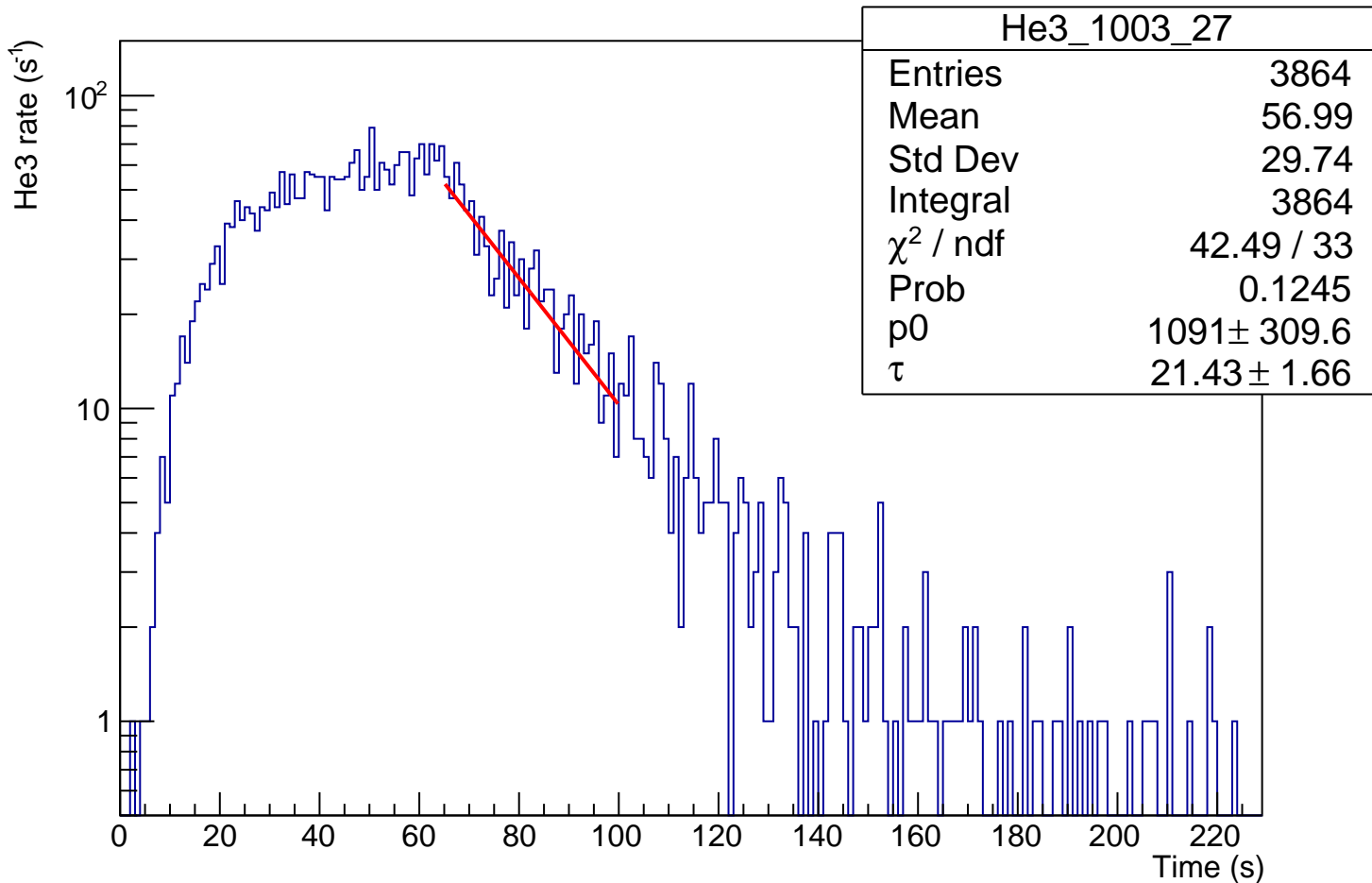
He3 detector rate



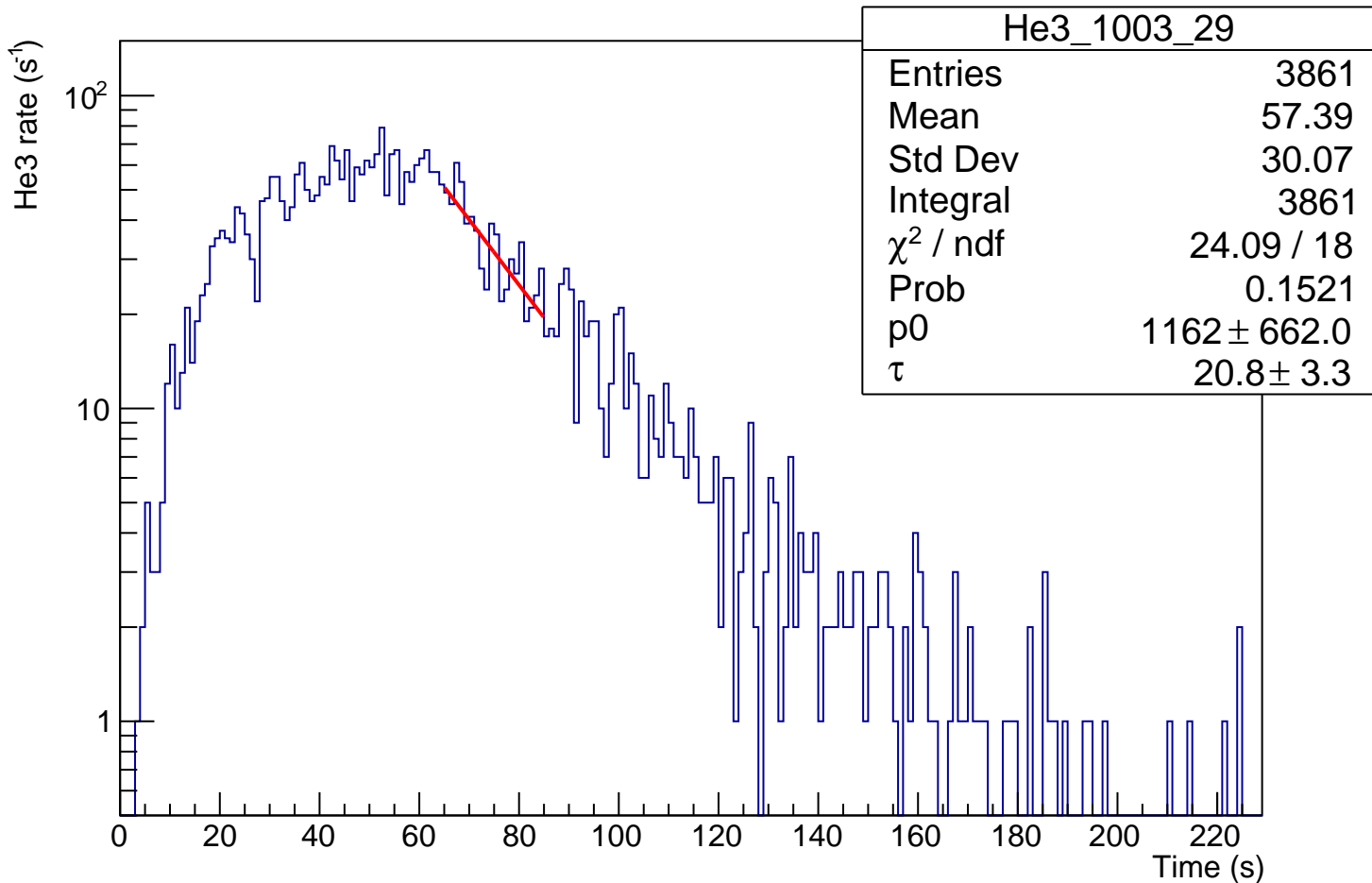
He3 detector rate



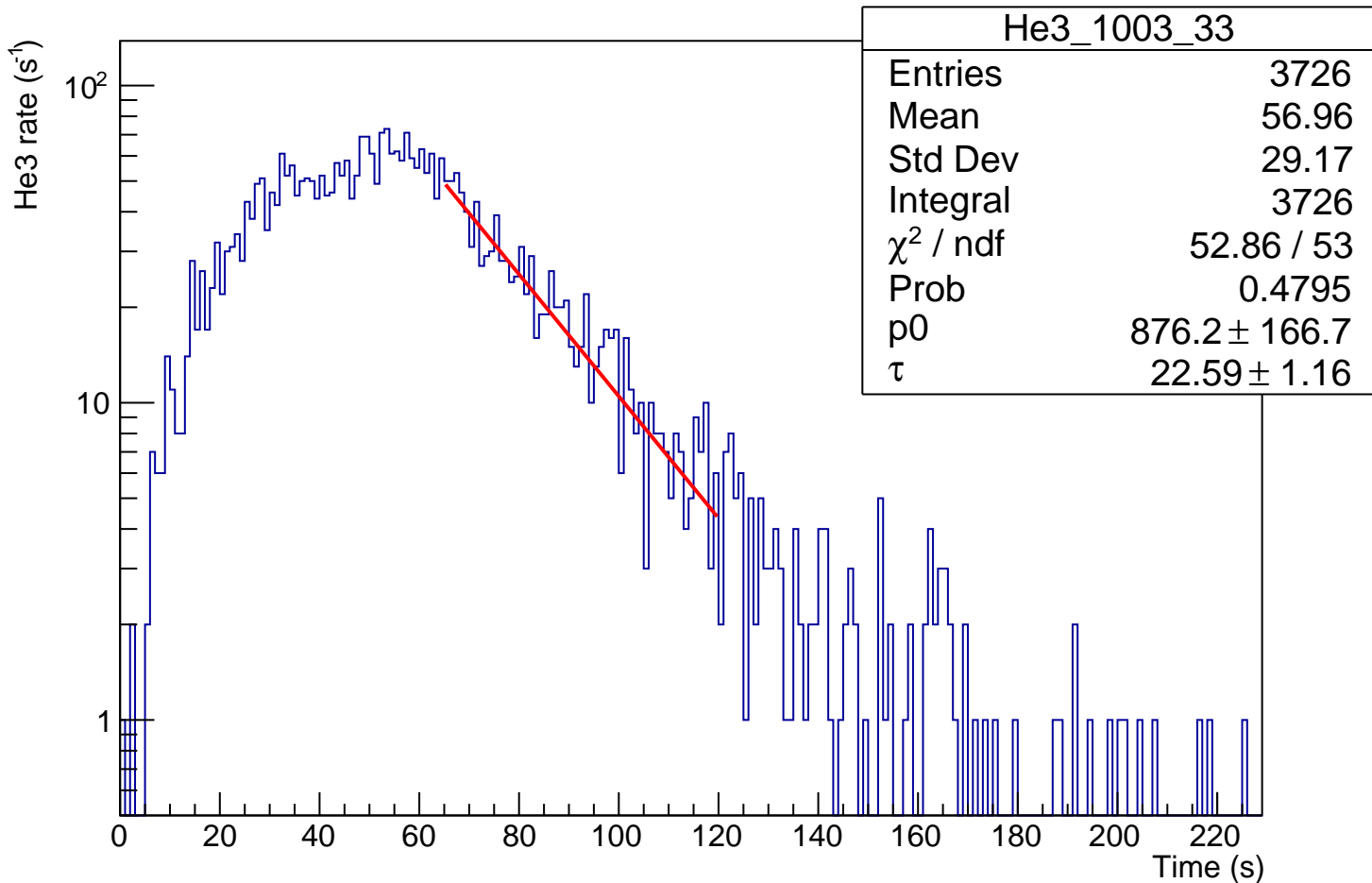
He3 detector rate



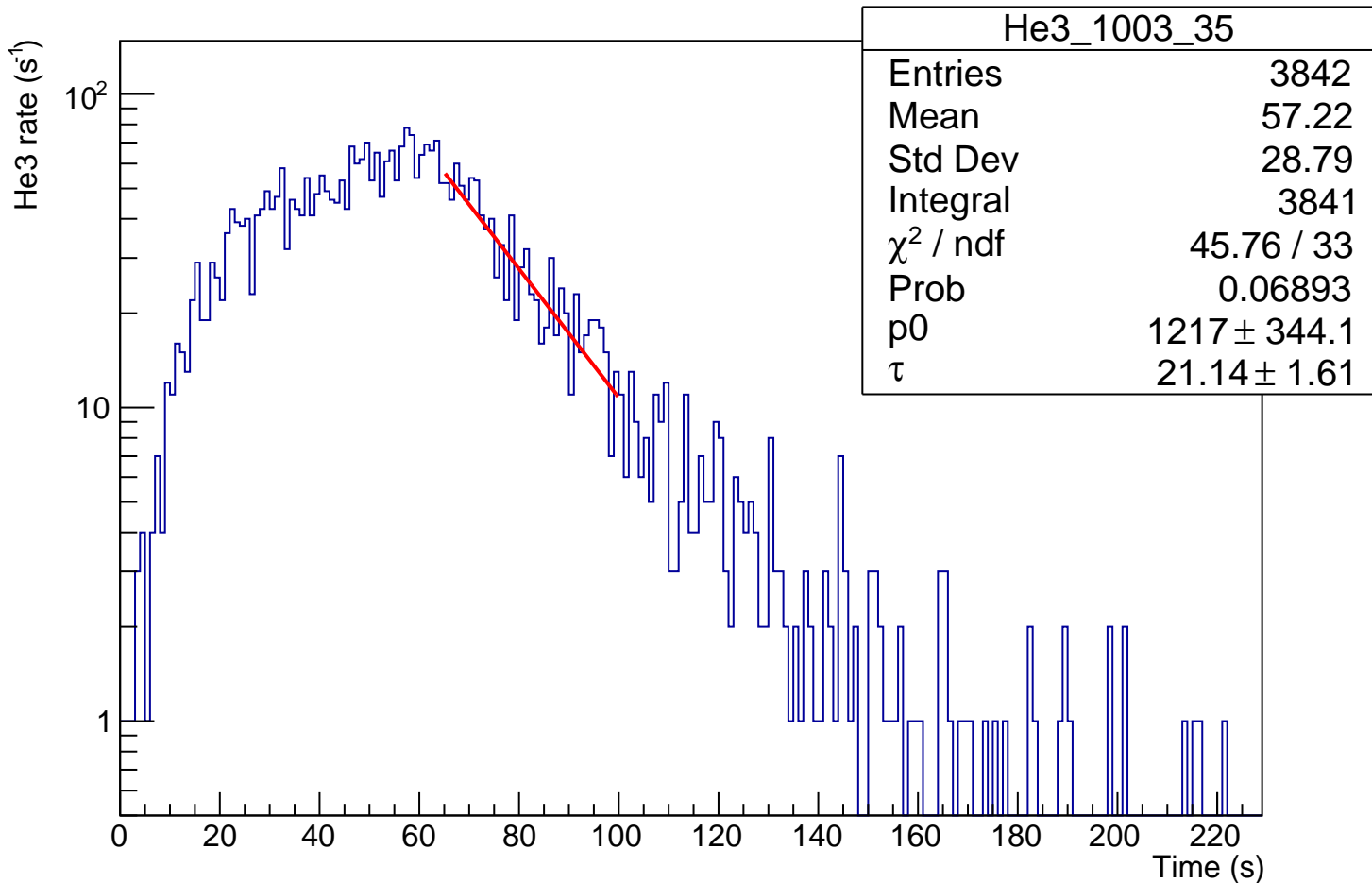
He3 detector rate



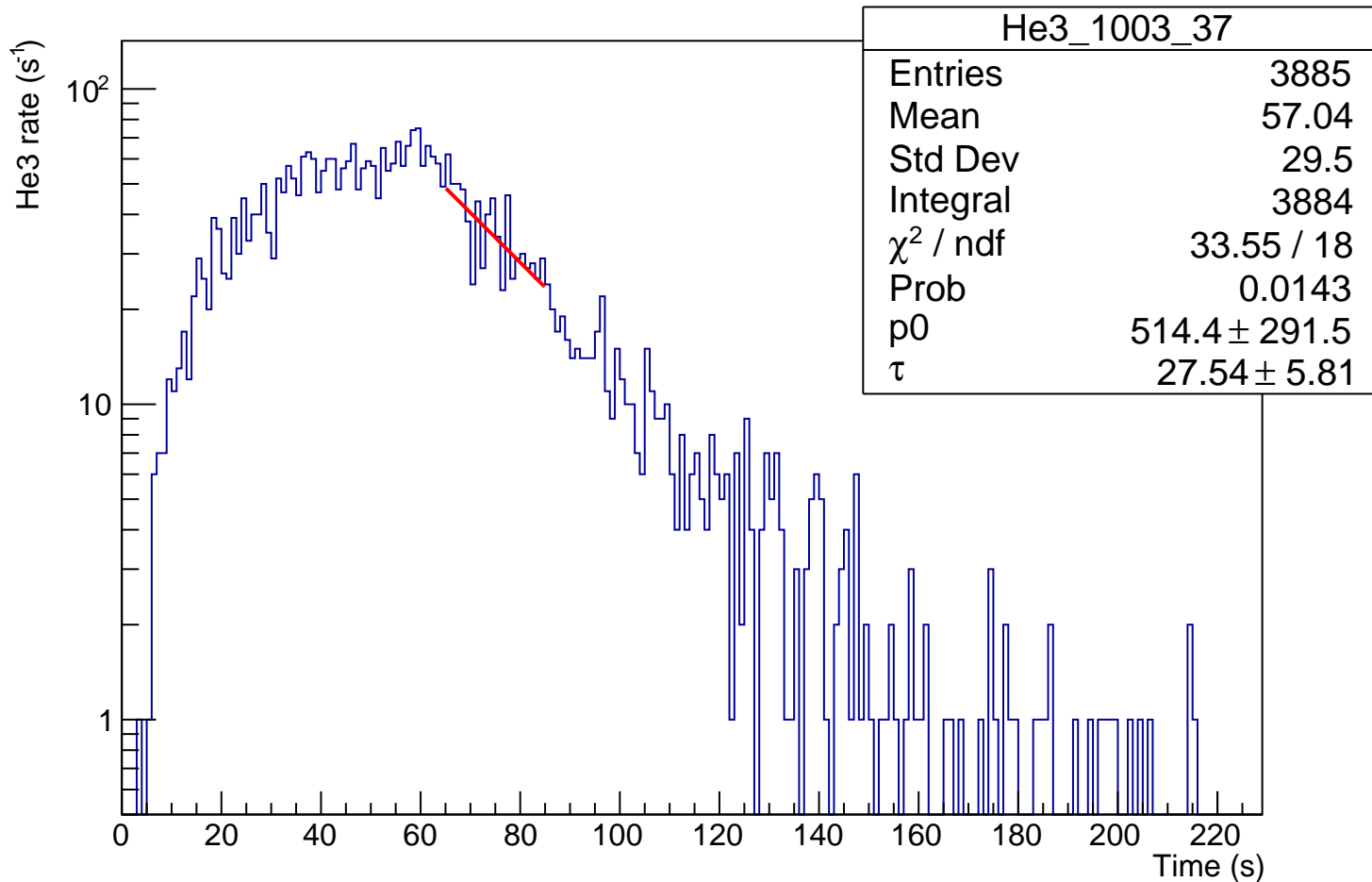
He3 detector rate



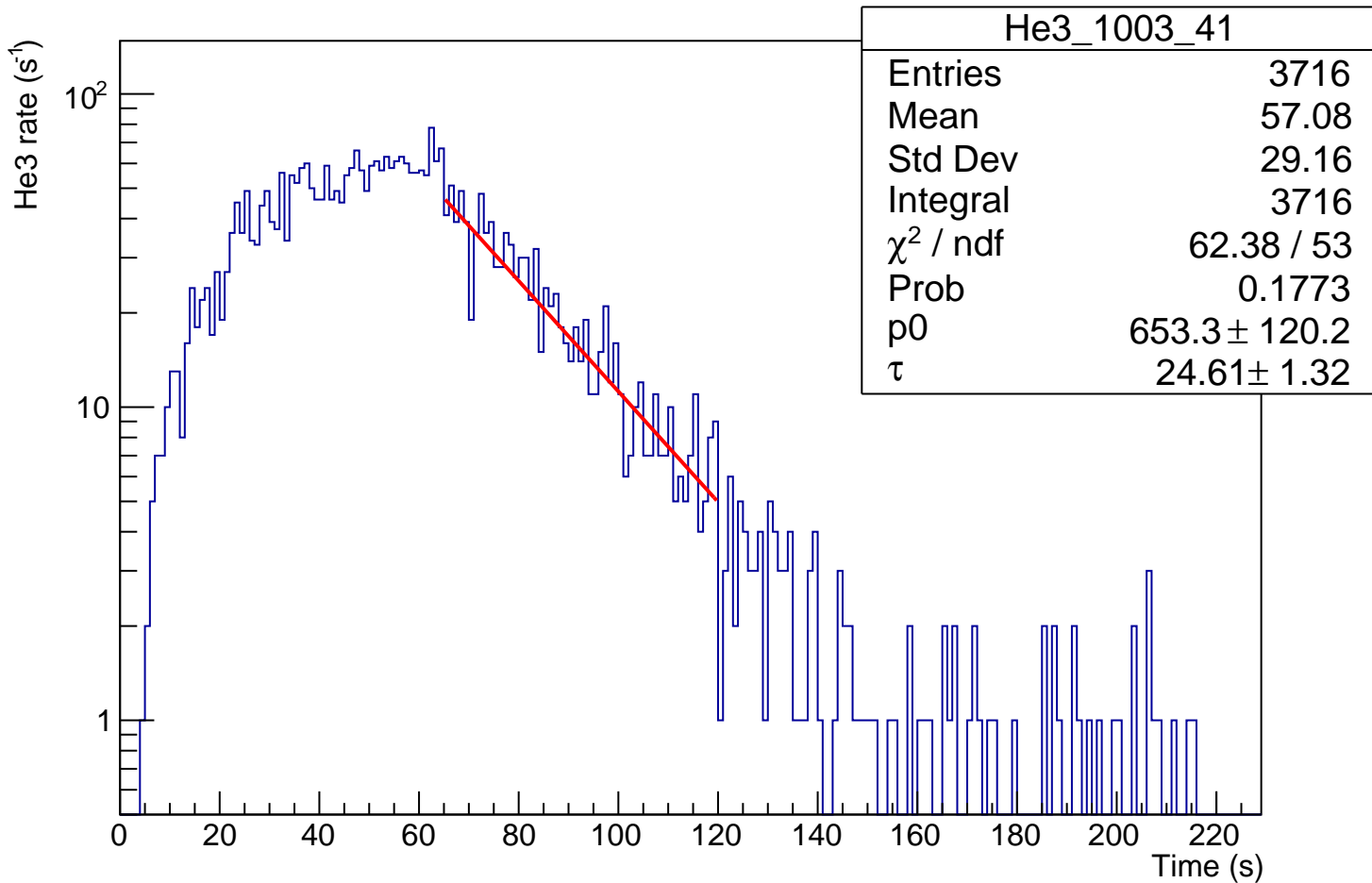
He3 detector rate



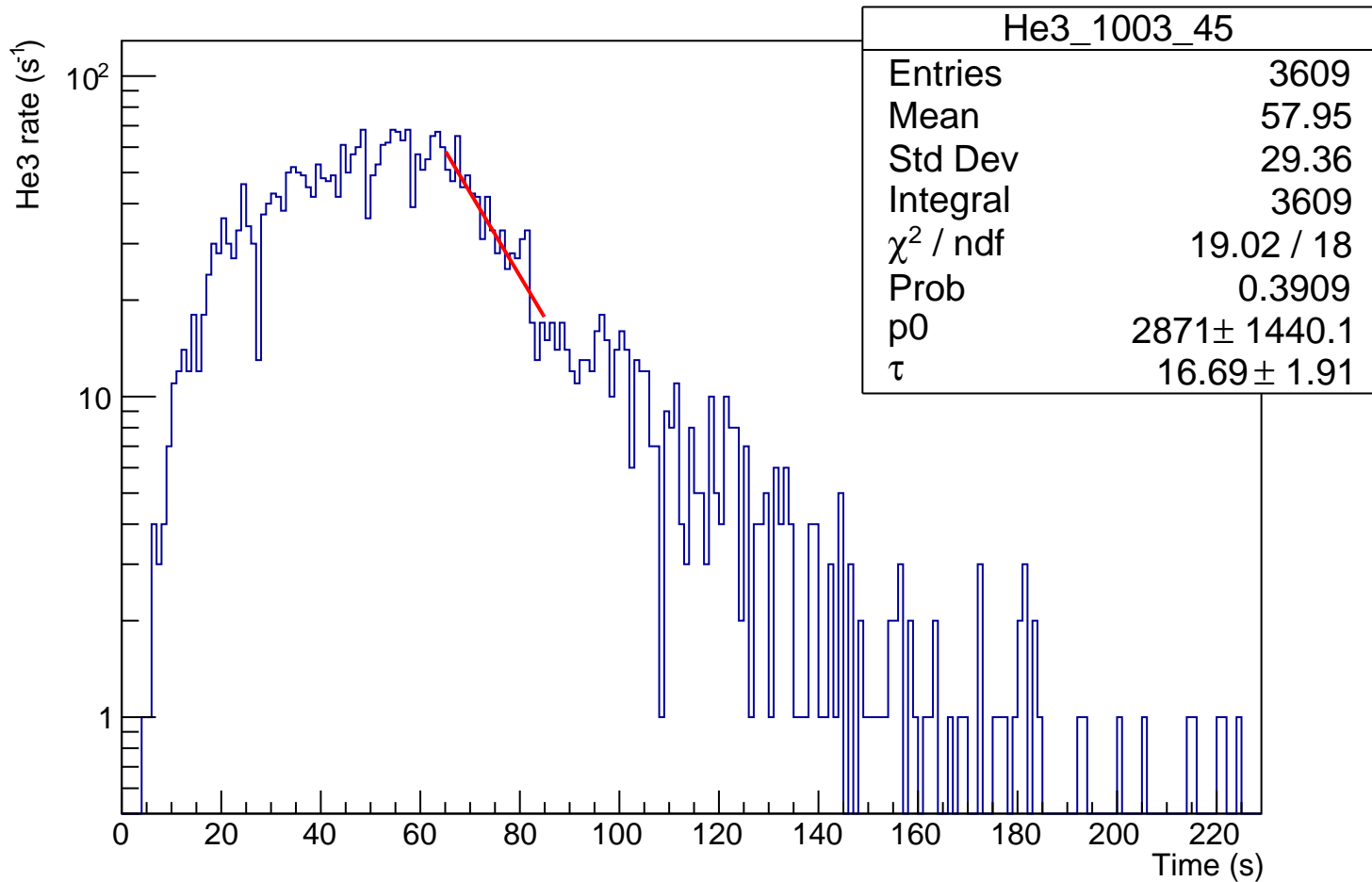
He3 detector rate



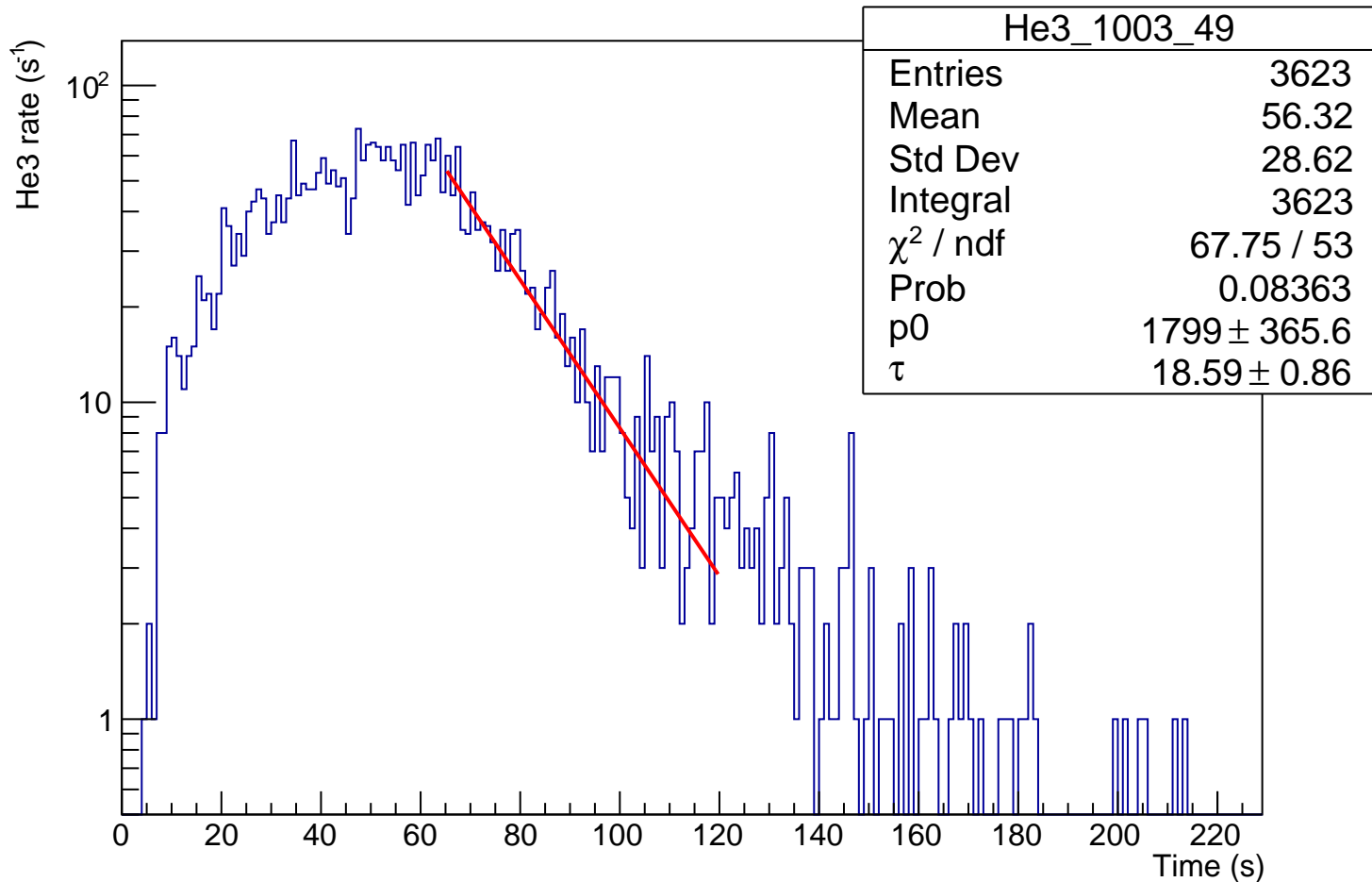
He3 detector rate



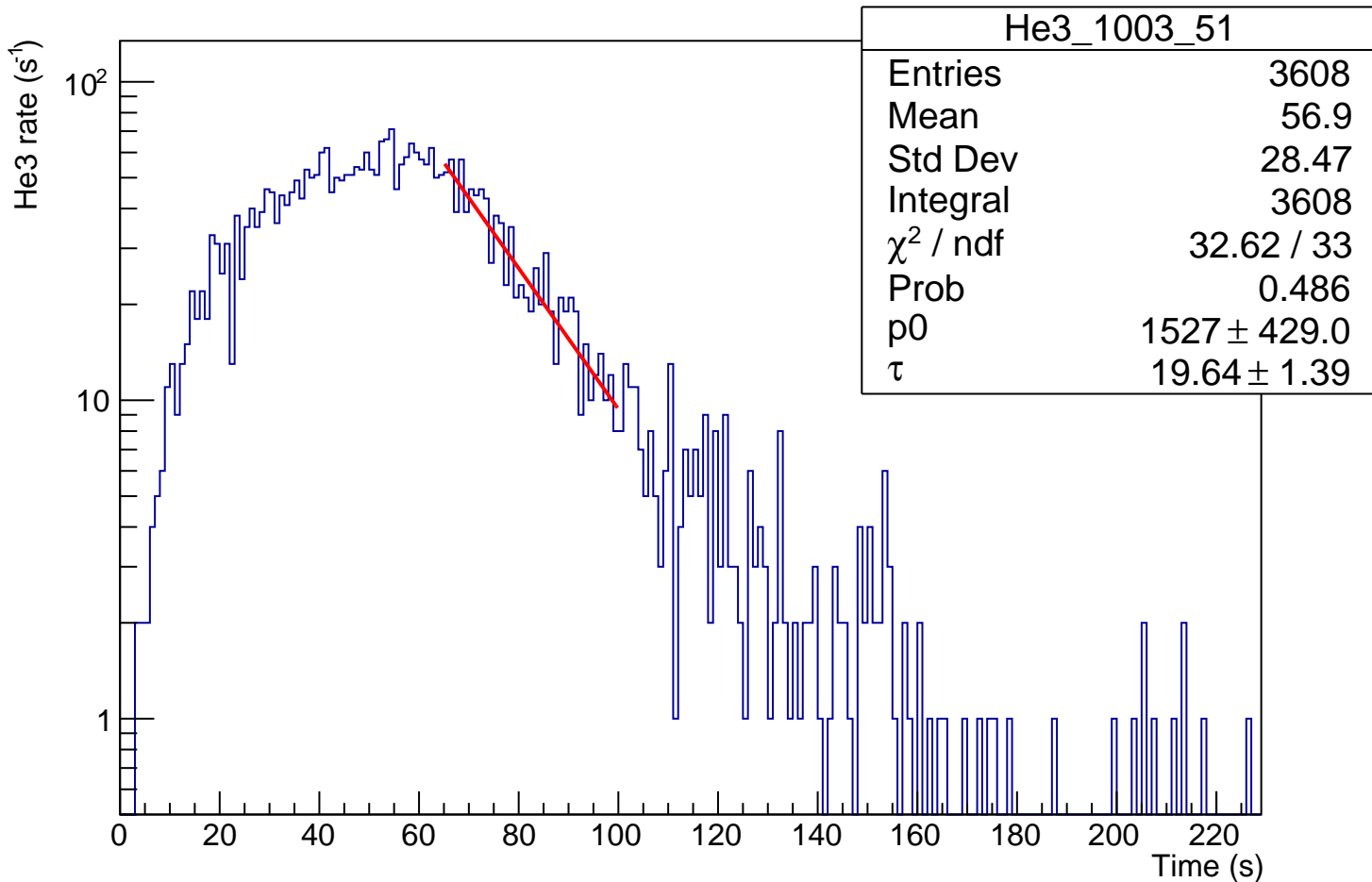
He3 detector rate



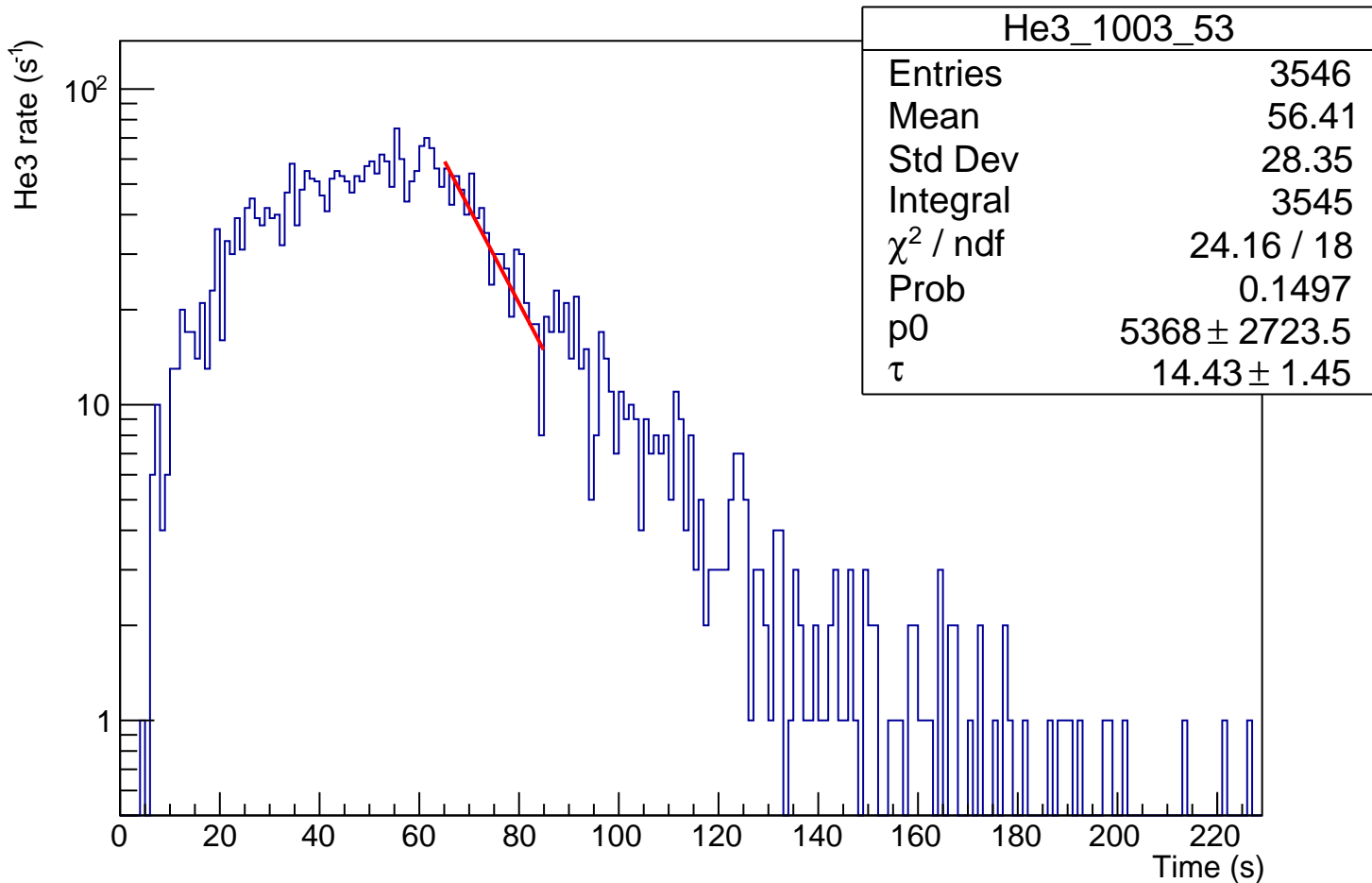
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 20.9775324063 \pm 0.0065793786581 \text{ s}$$