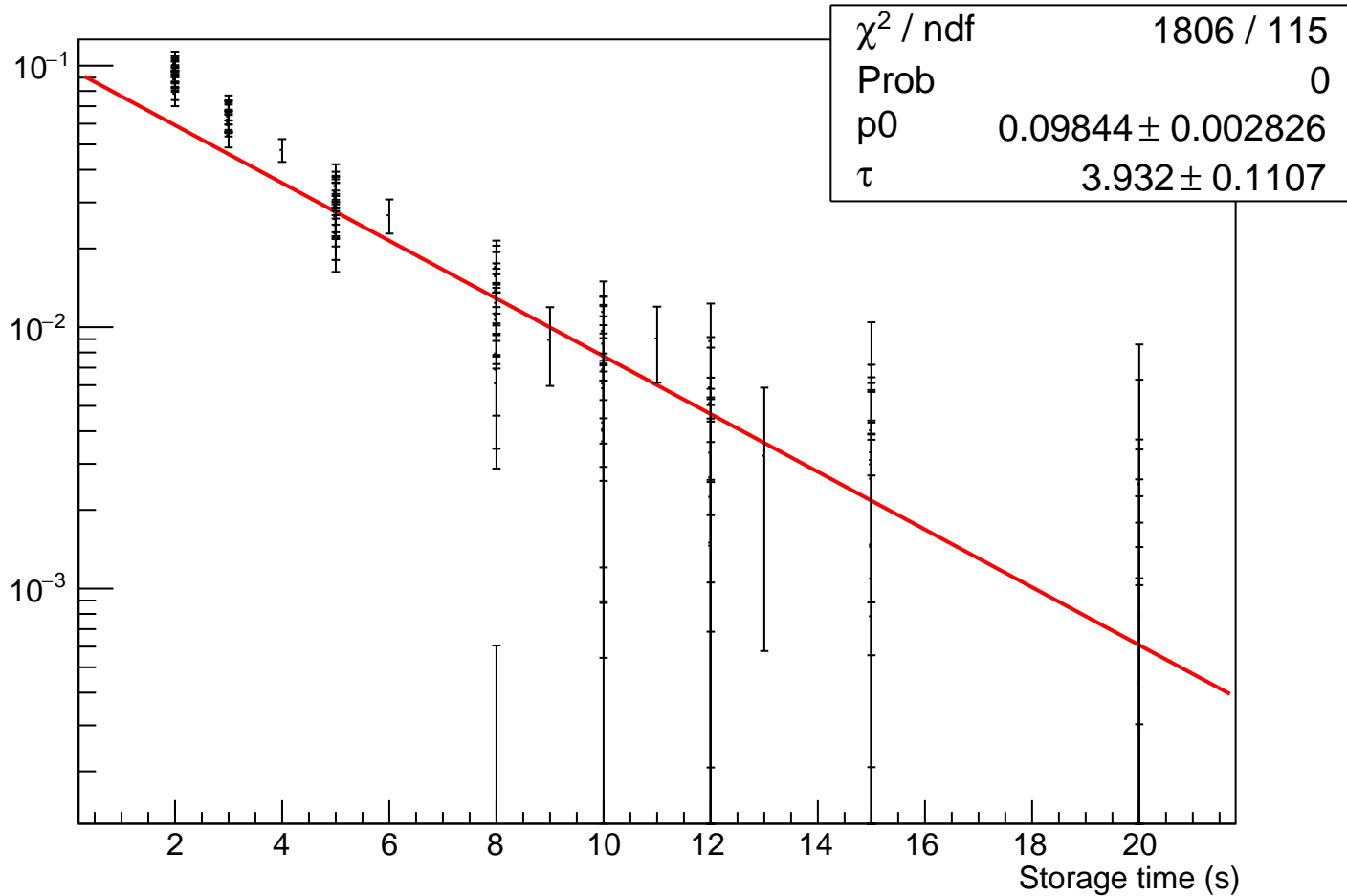
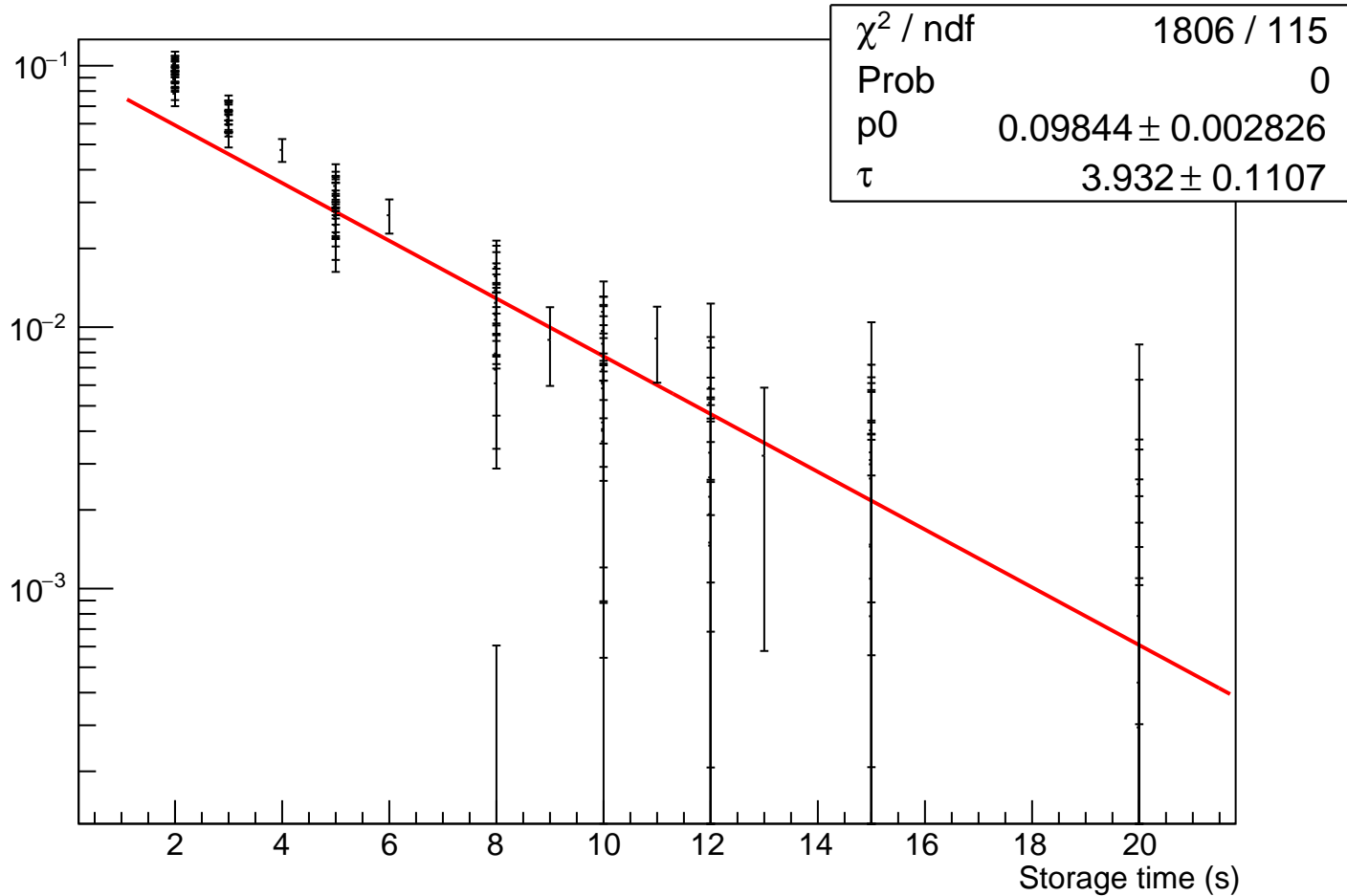


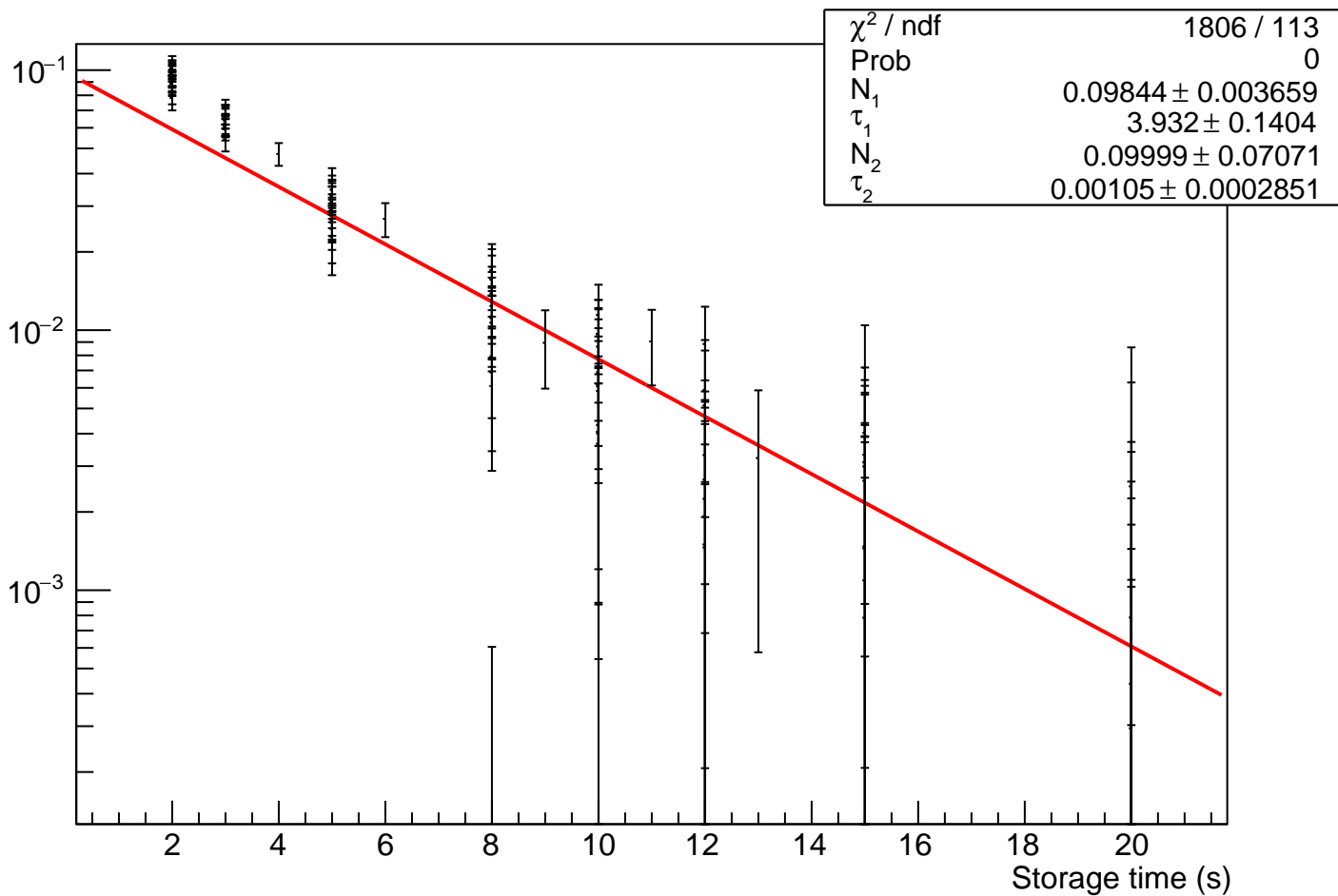
UCN-count-to-monitor ratio



UCN-count-to-monitor ratio



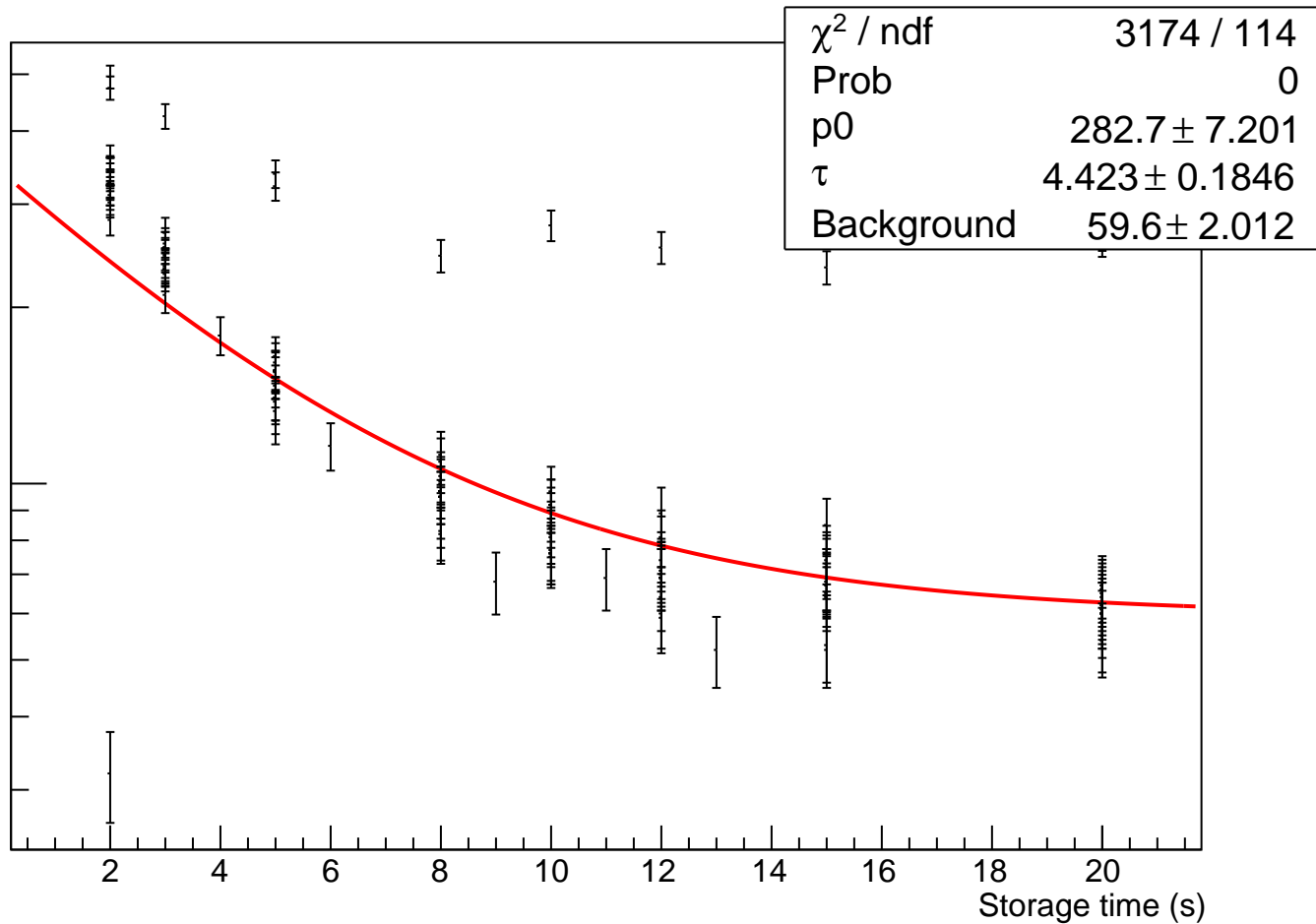
UCN-count-to-monitor ratio



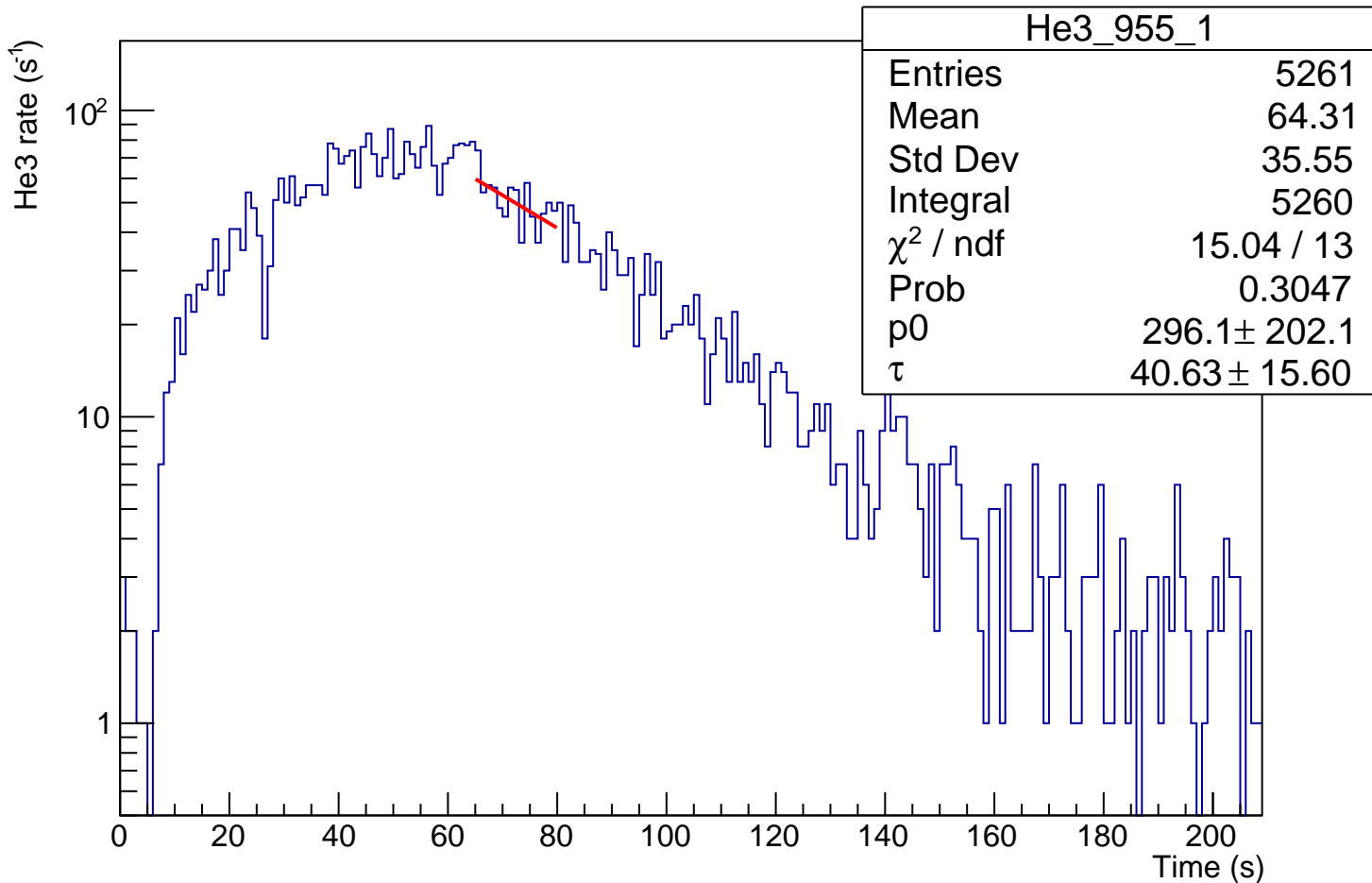
TCN18-036 (IV2-IV3, non-O-ring side) (single exponential fit + background, unnormalized)

UCN count

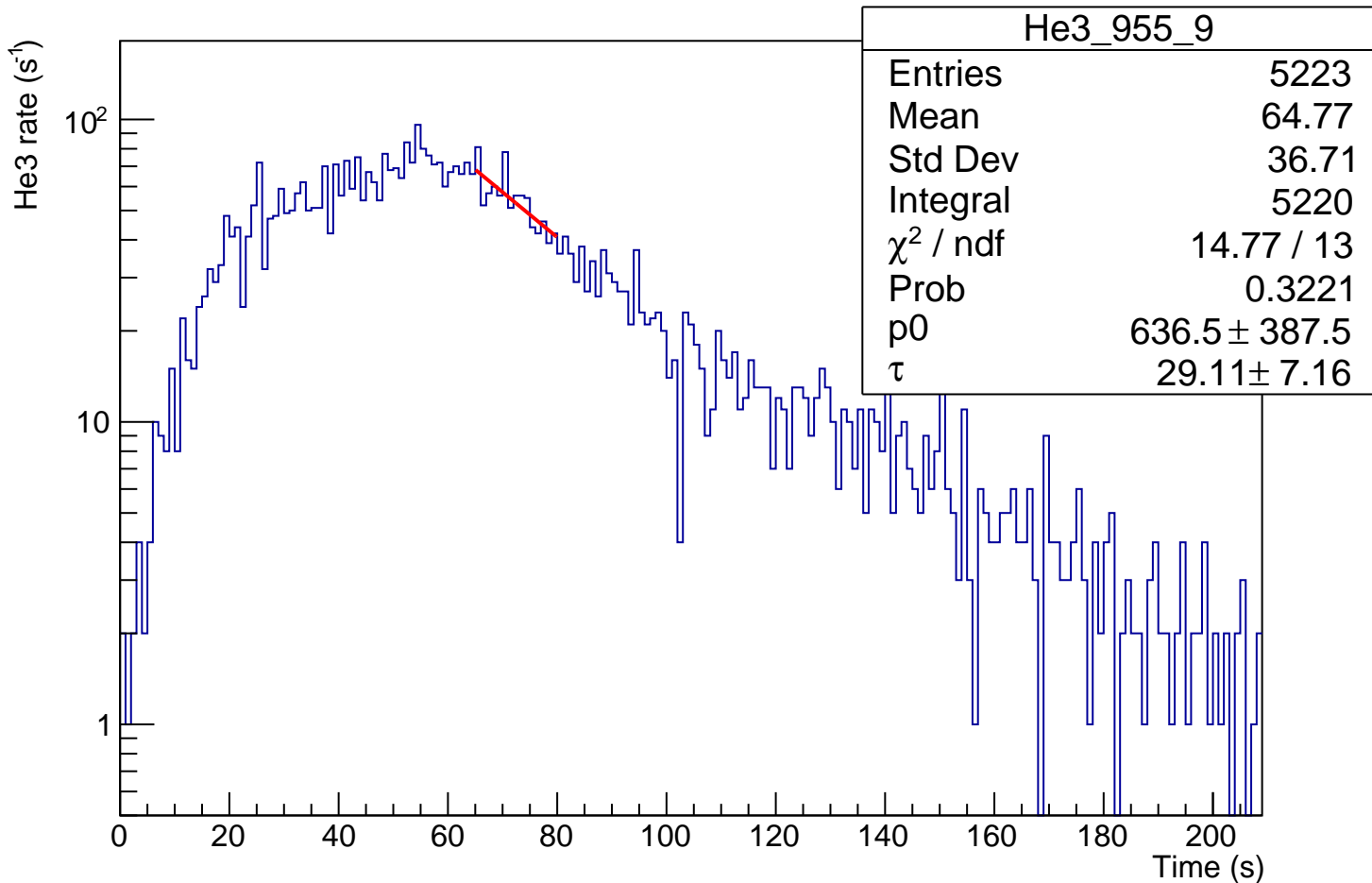
10^2



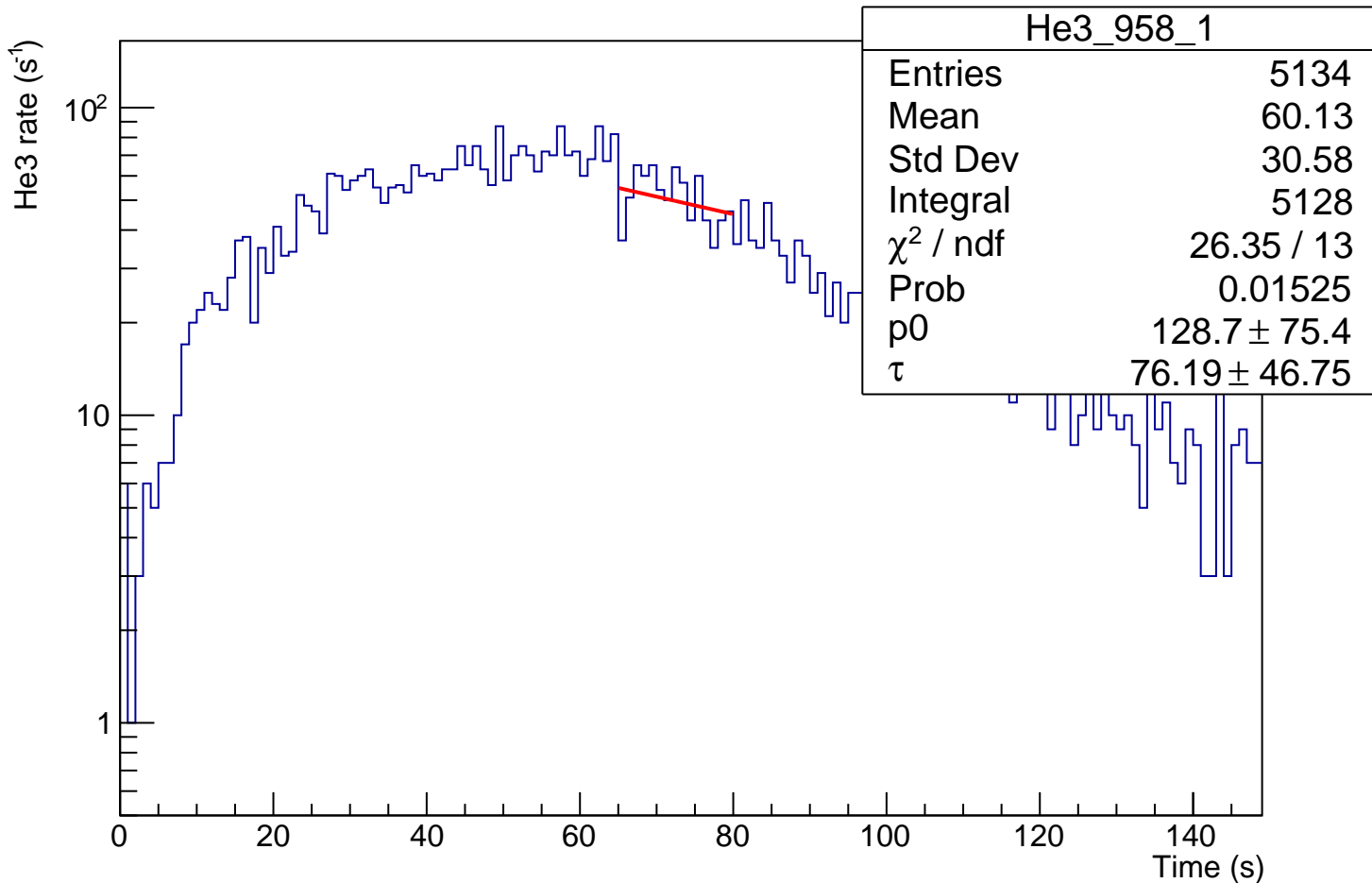
He3 detector rate



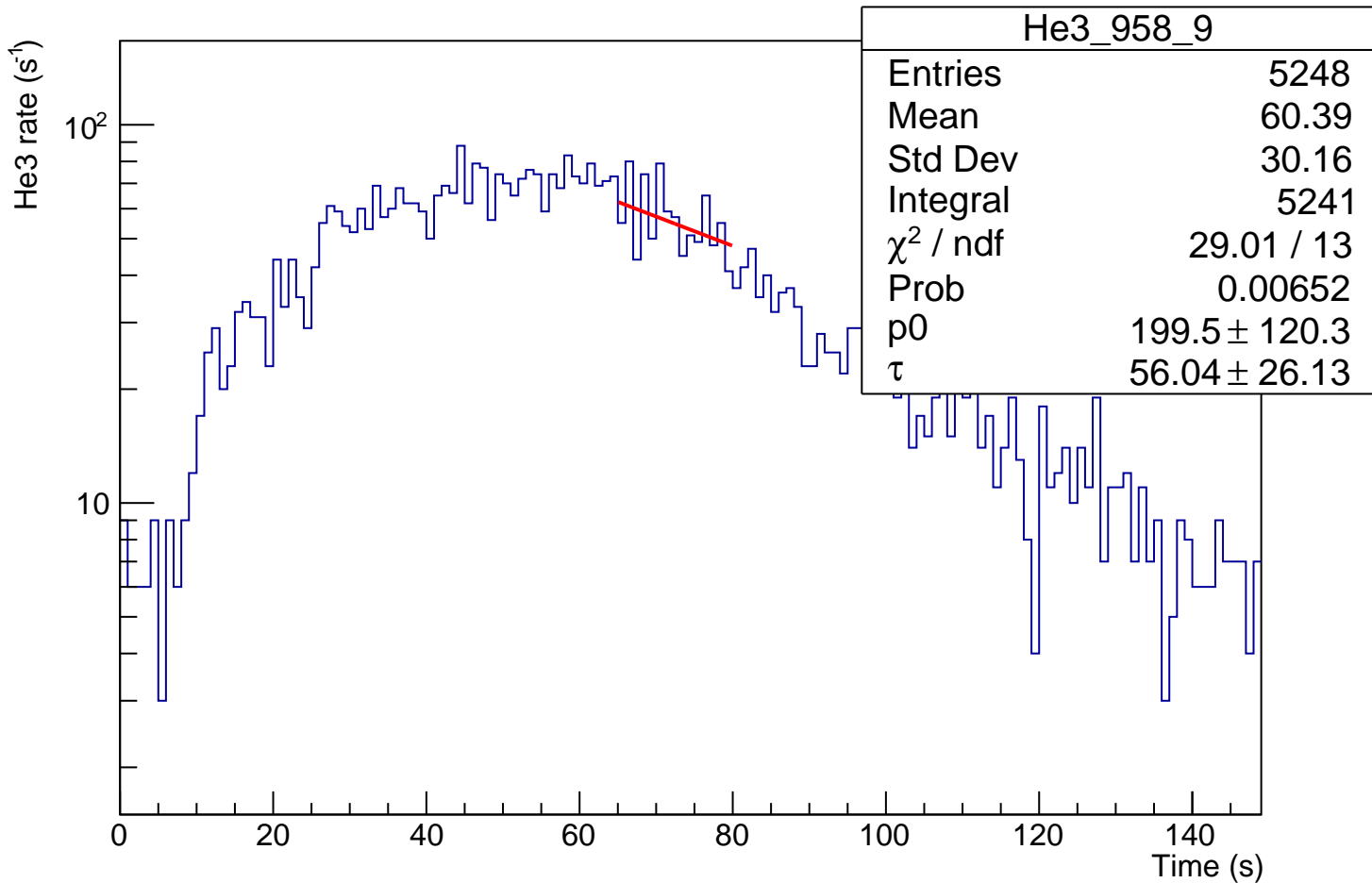
He3 detector rate



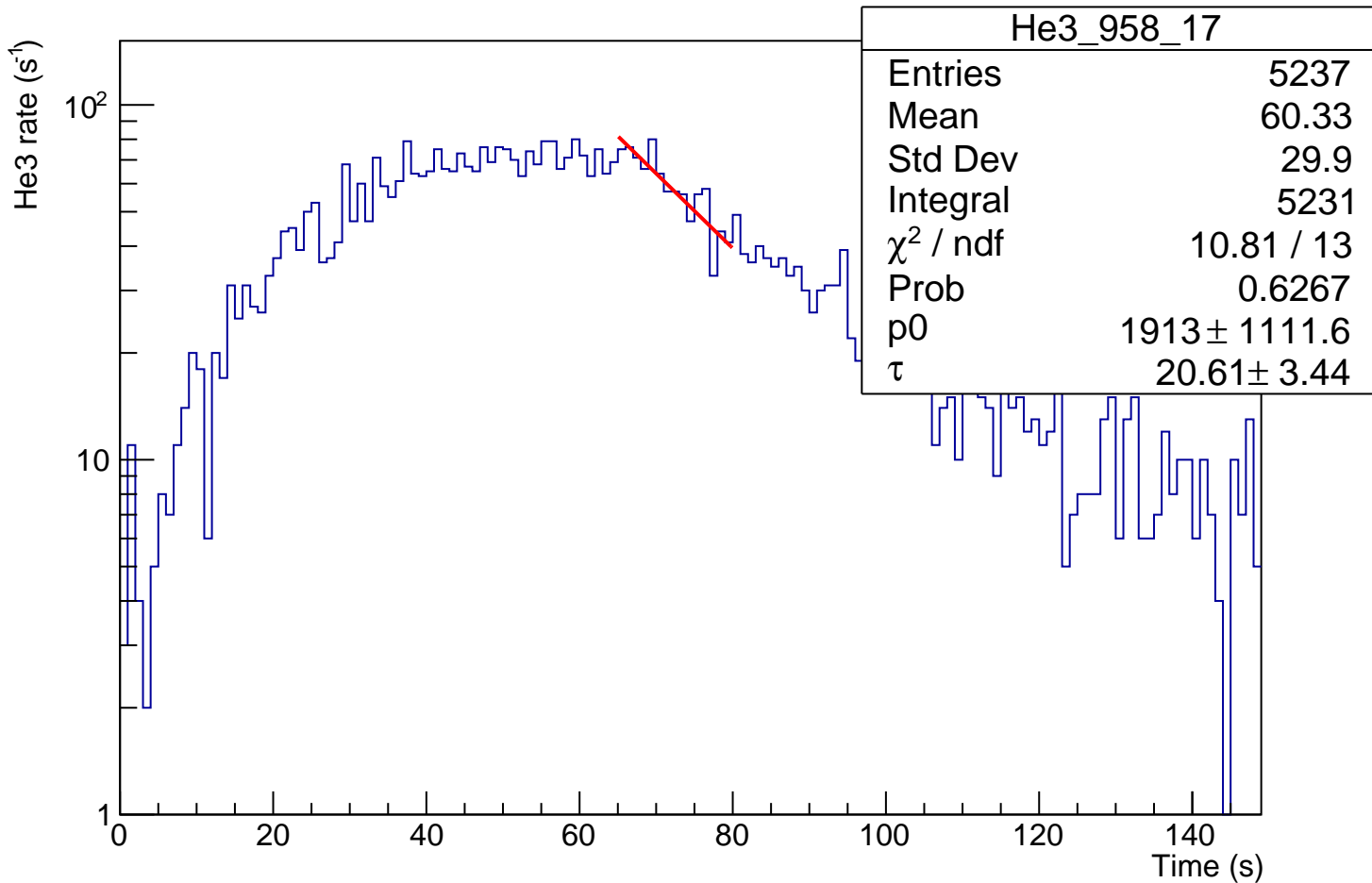
He3 detector rate



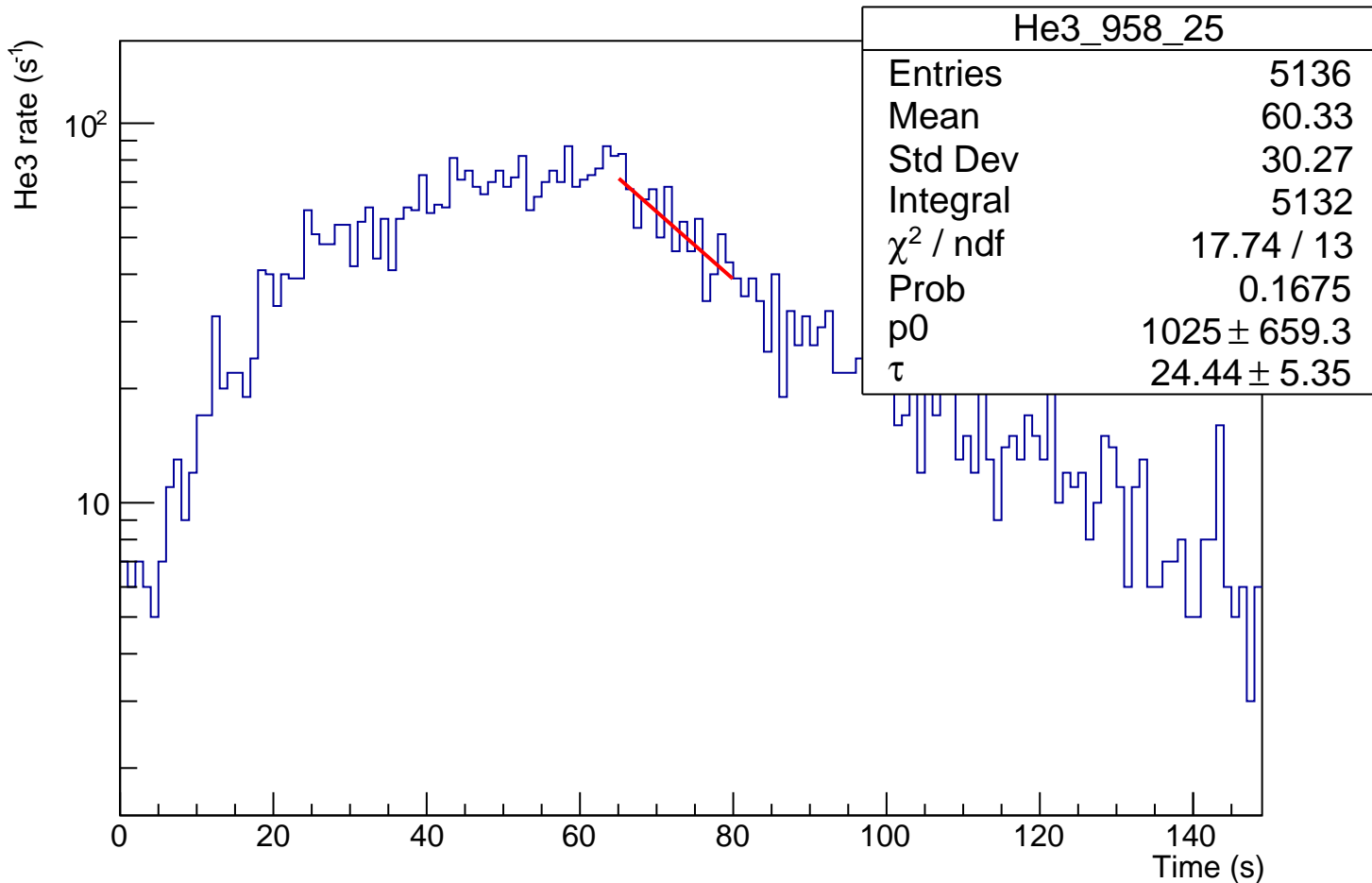
He3 detector rate



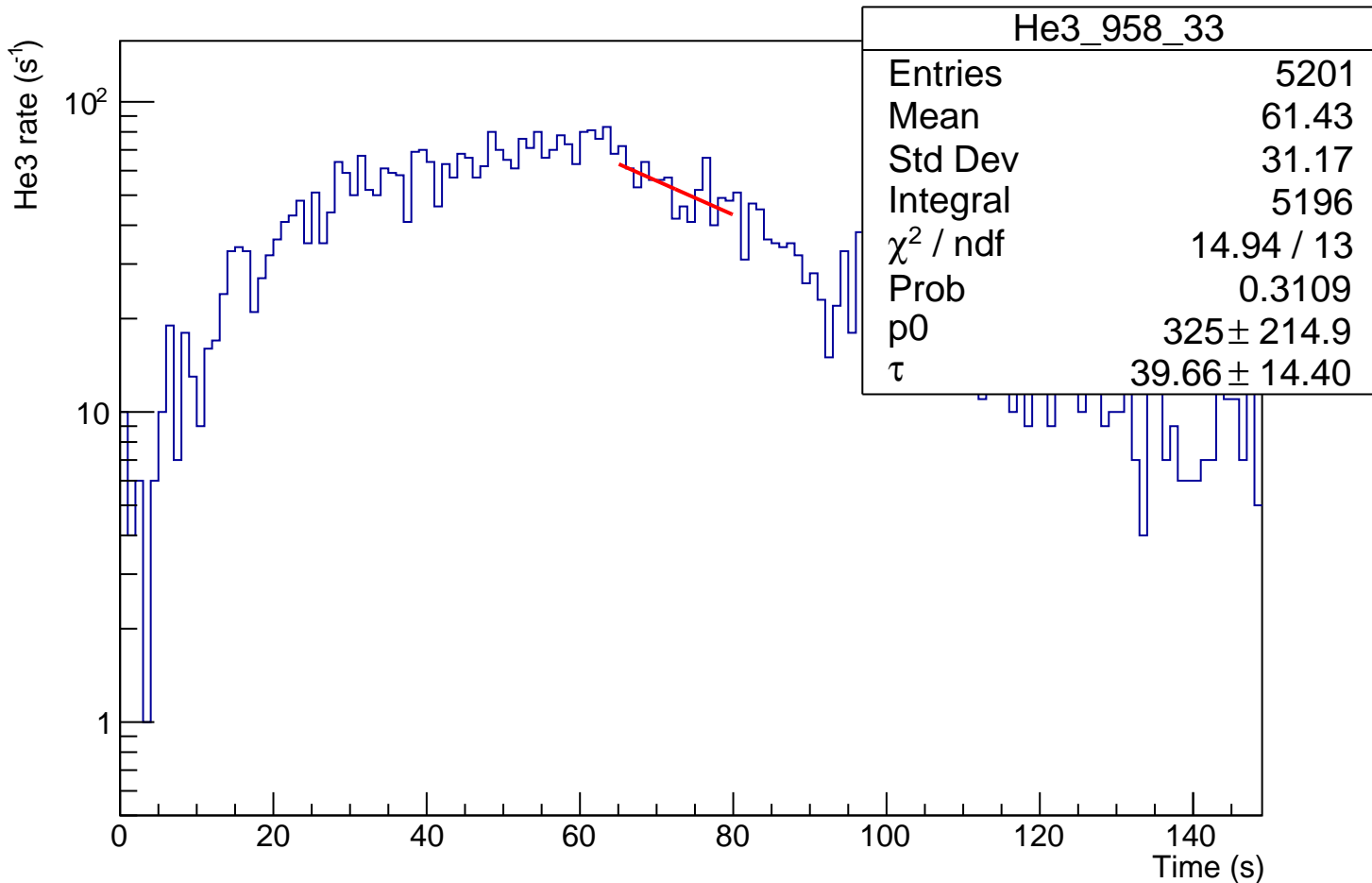
He3 detector rate



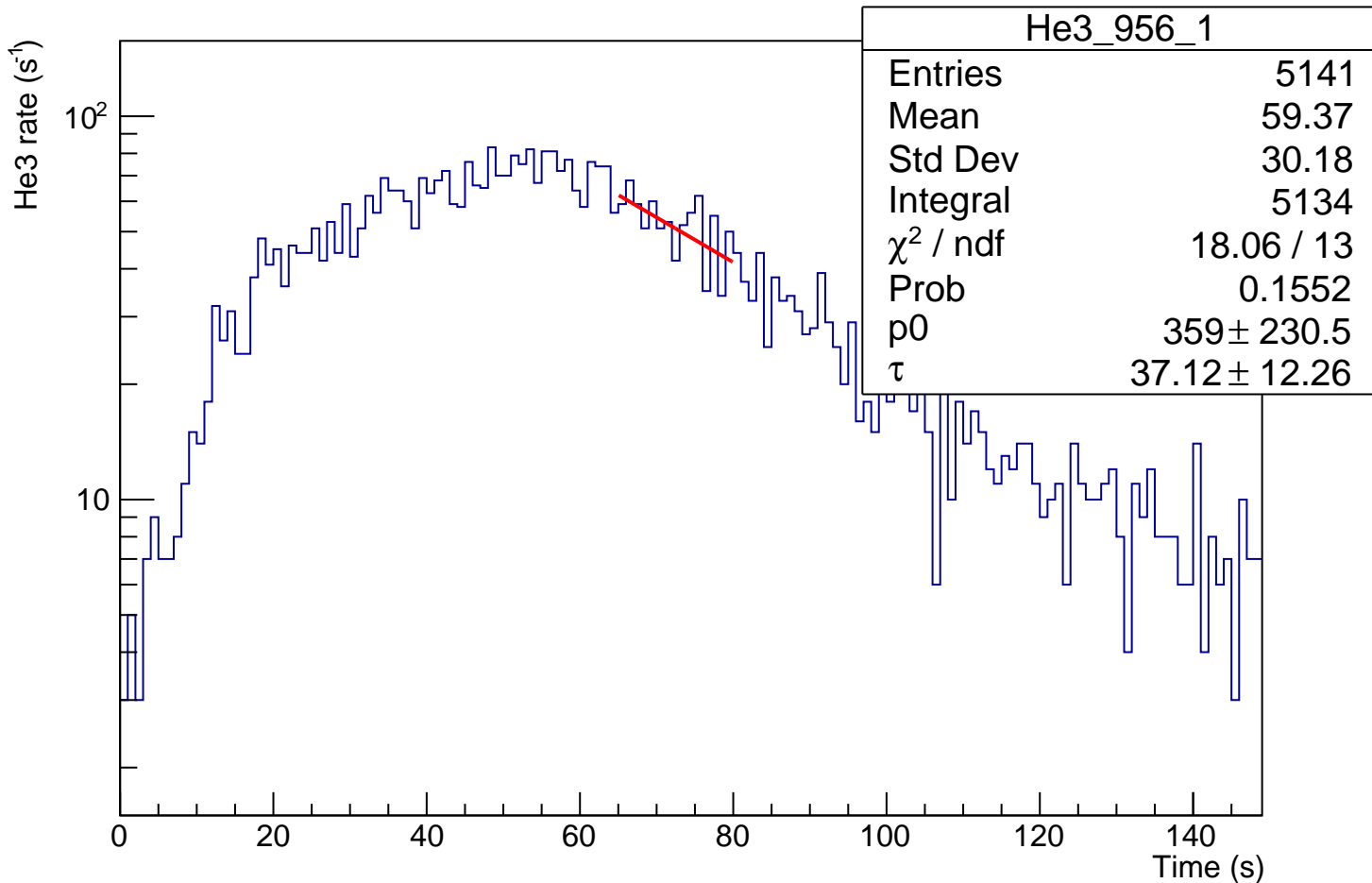
He3 detector rate



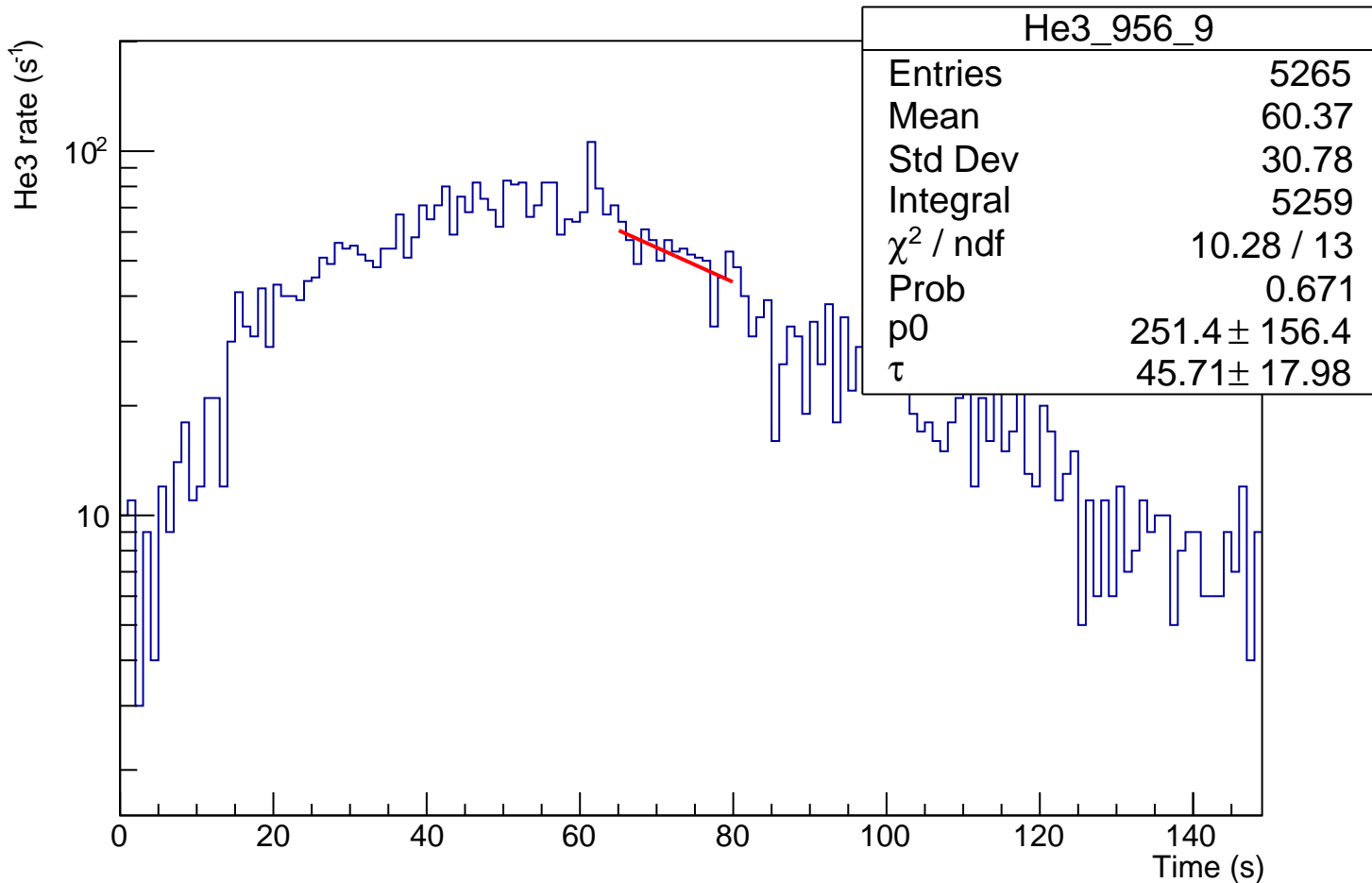
He3 detector rate



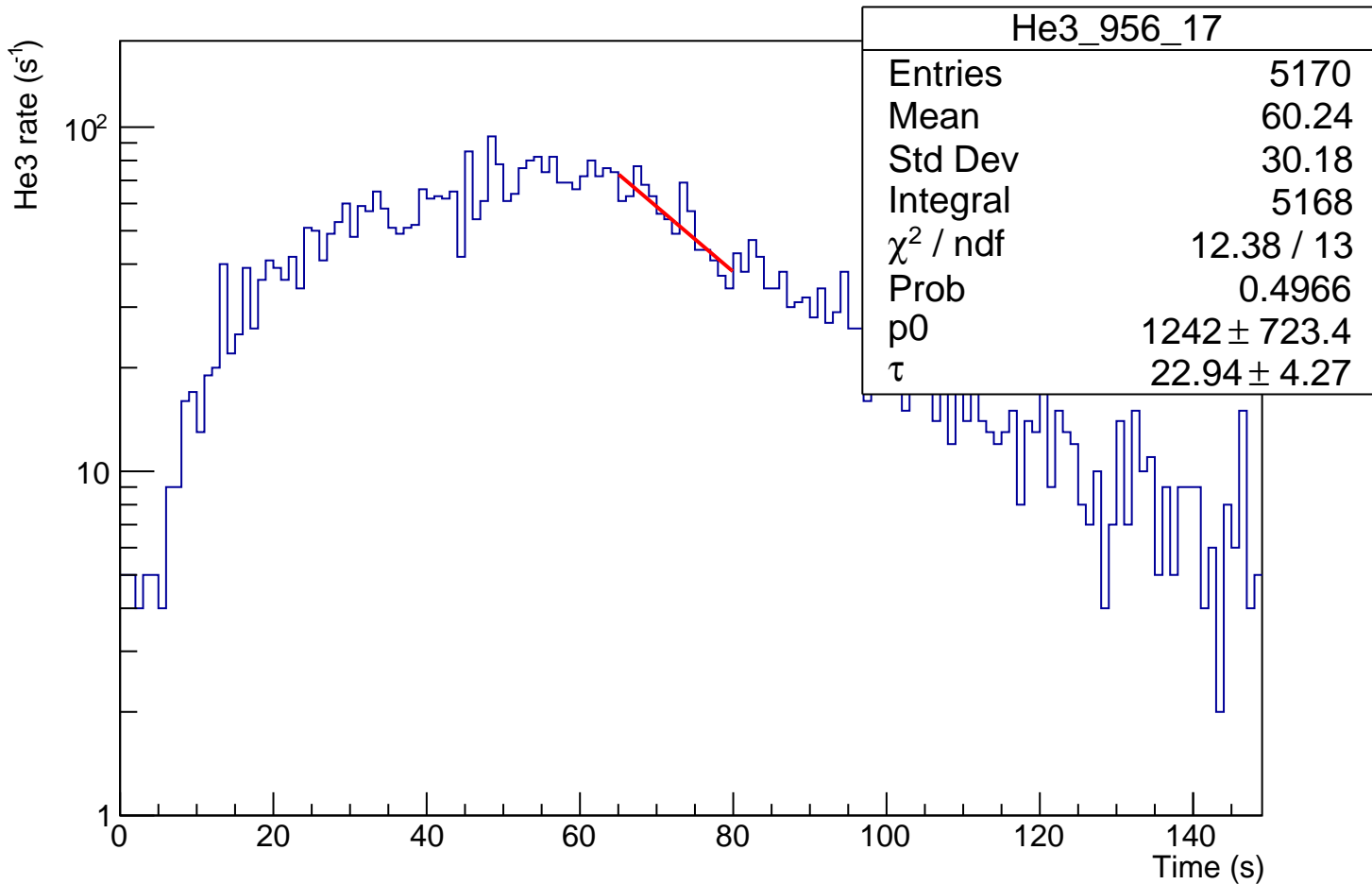
He3 detector rate



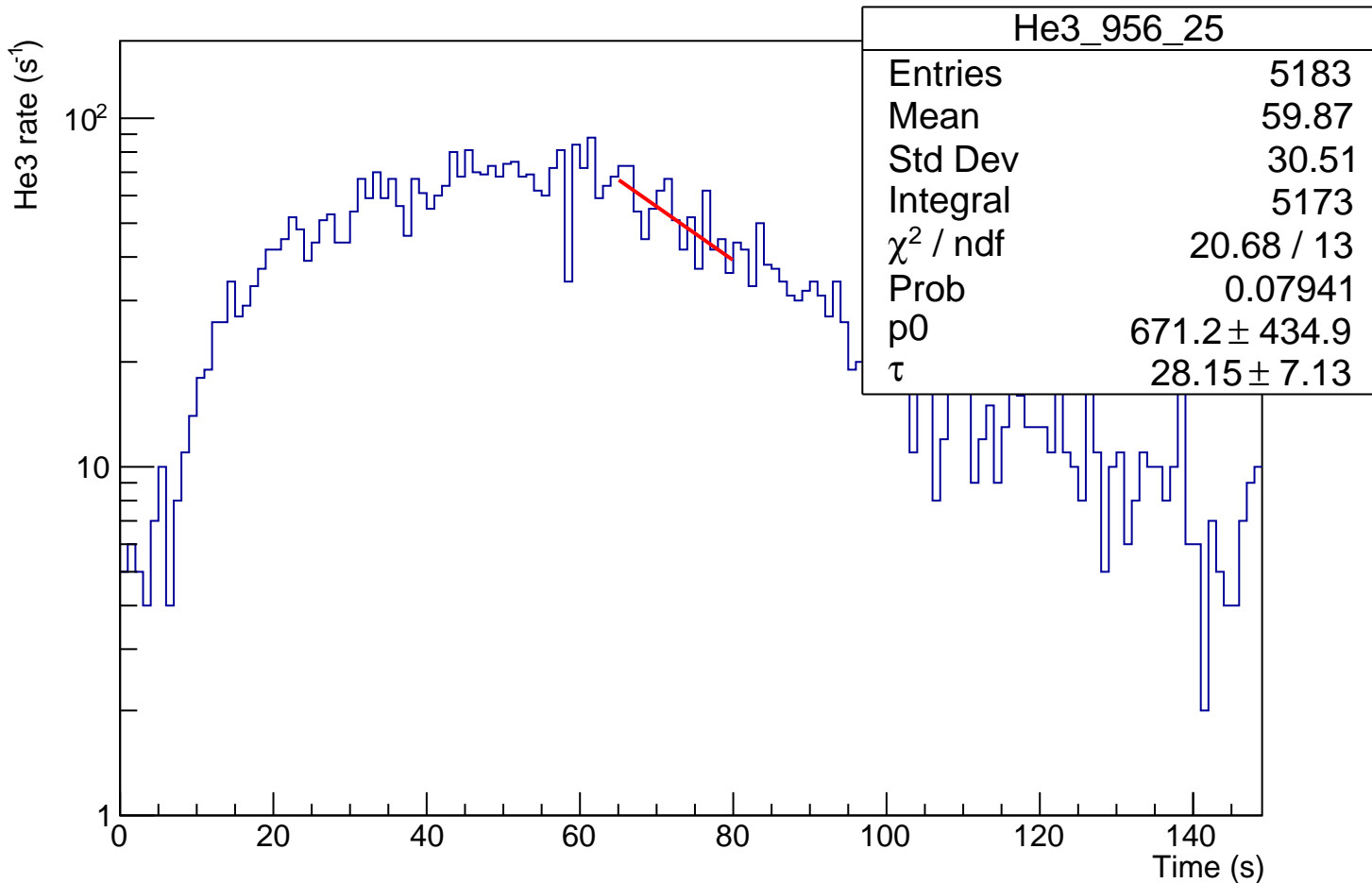
He3 detector rate



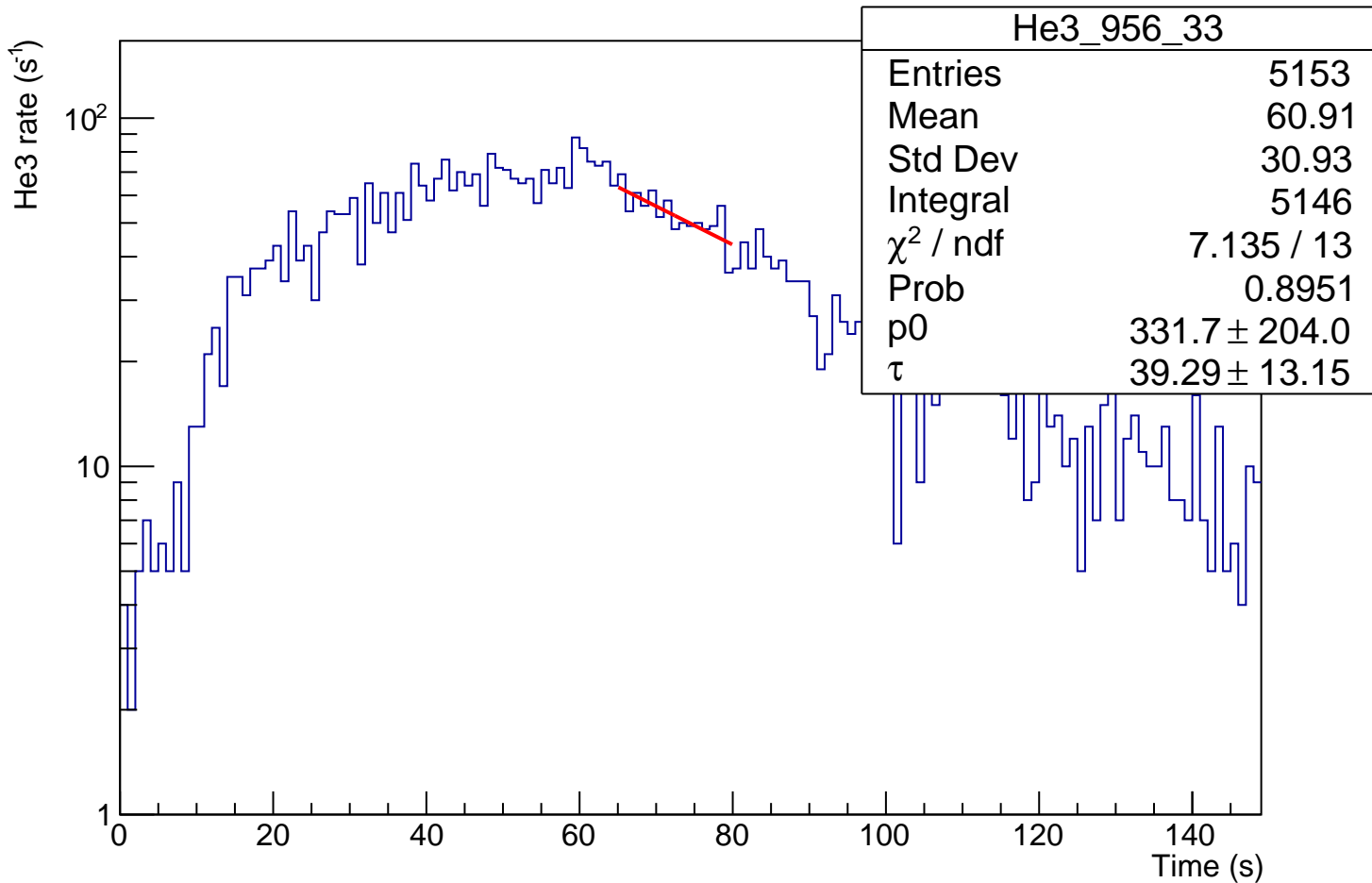
He3 detector rate



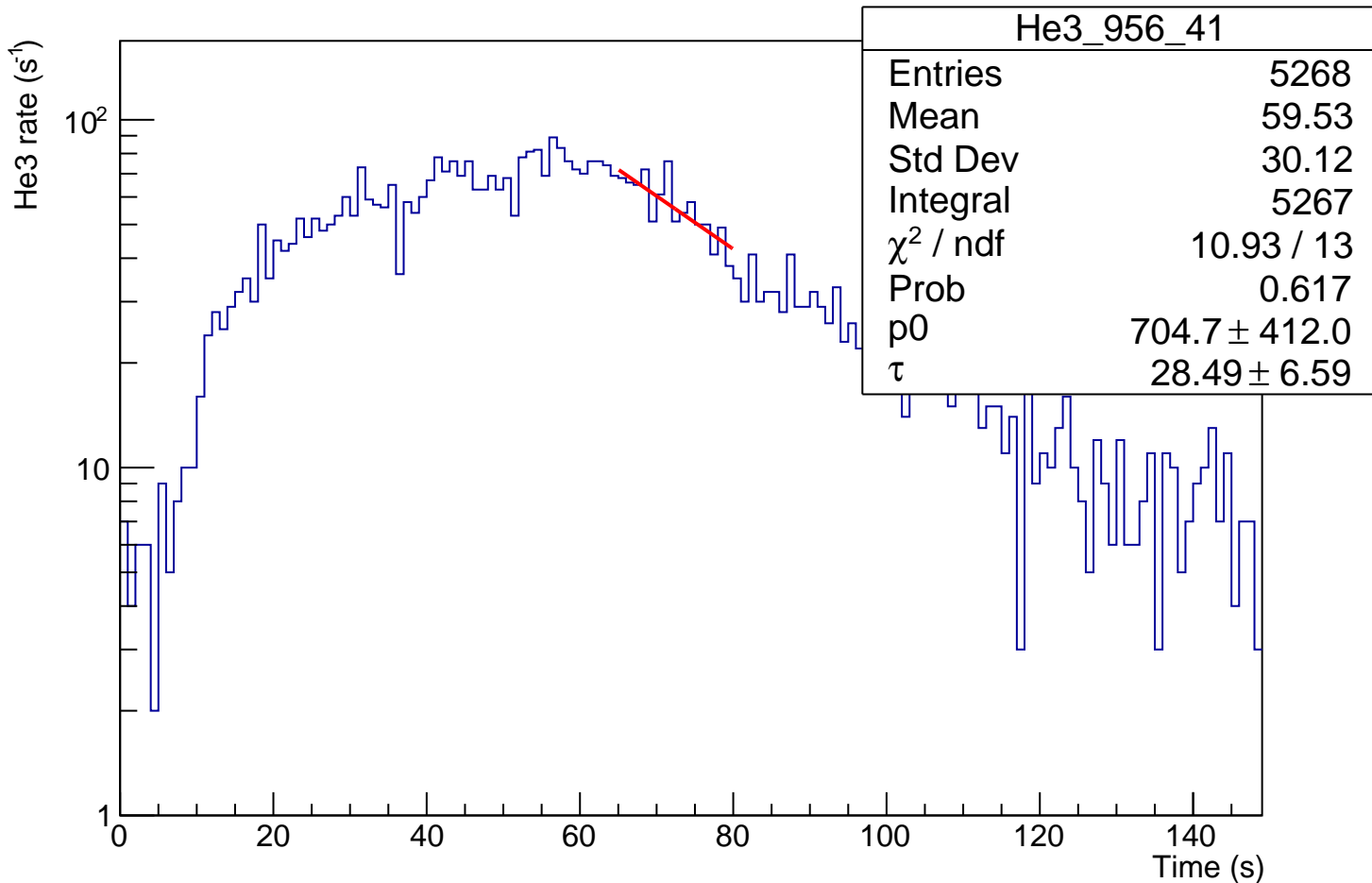
He3 detector rate



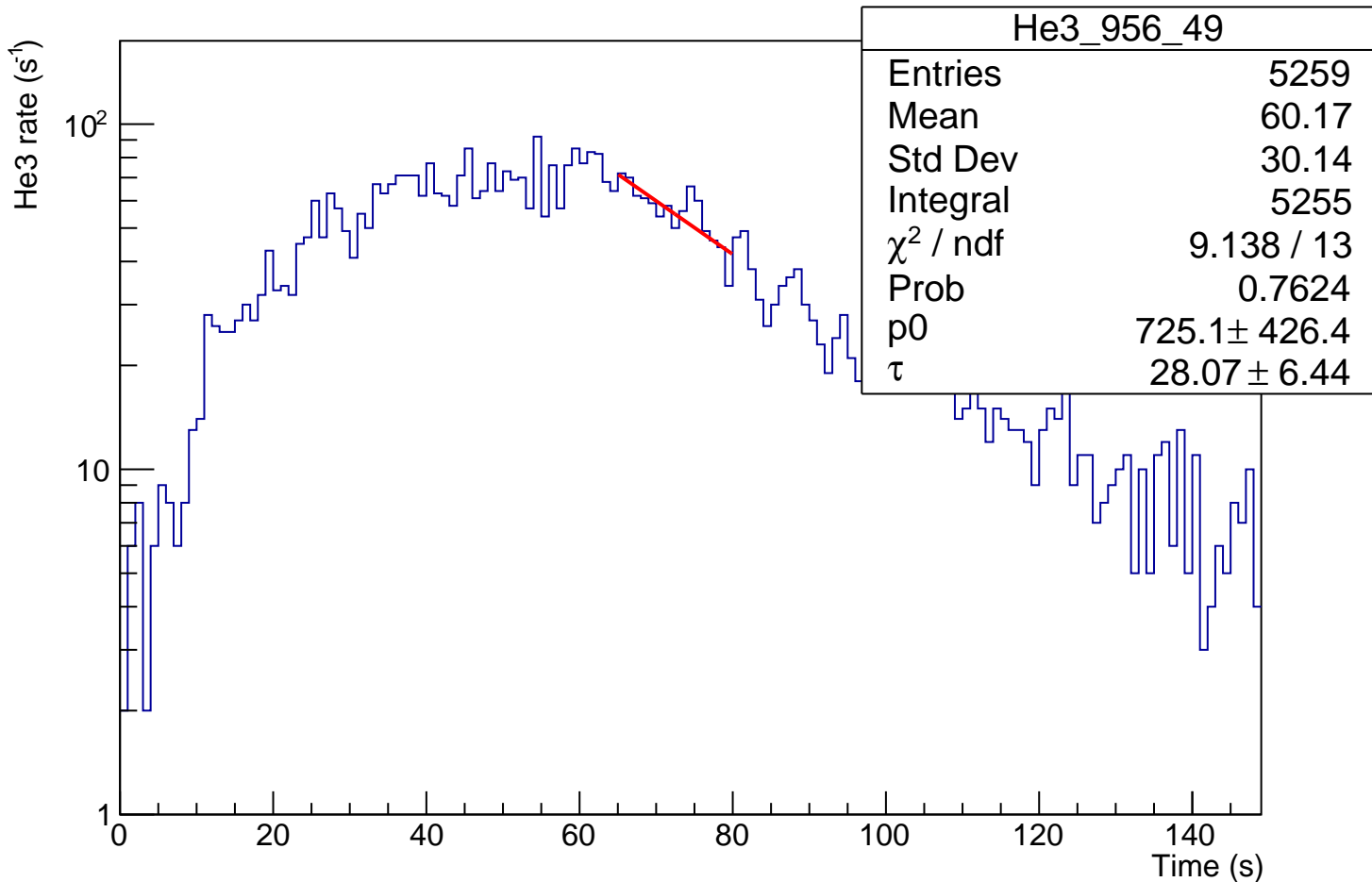
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 25.7821023841 \pm 12.1403731246 \text{ s}$$