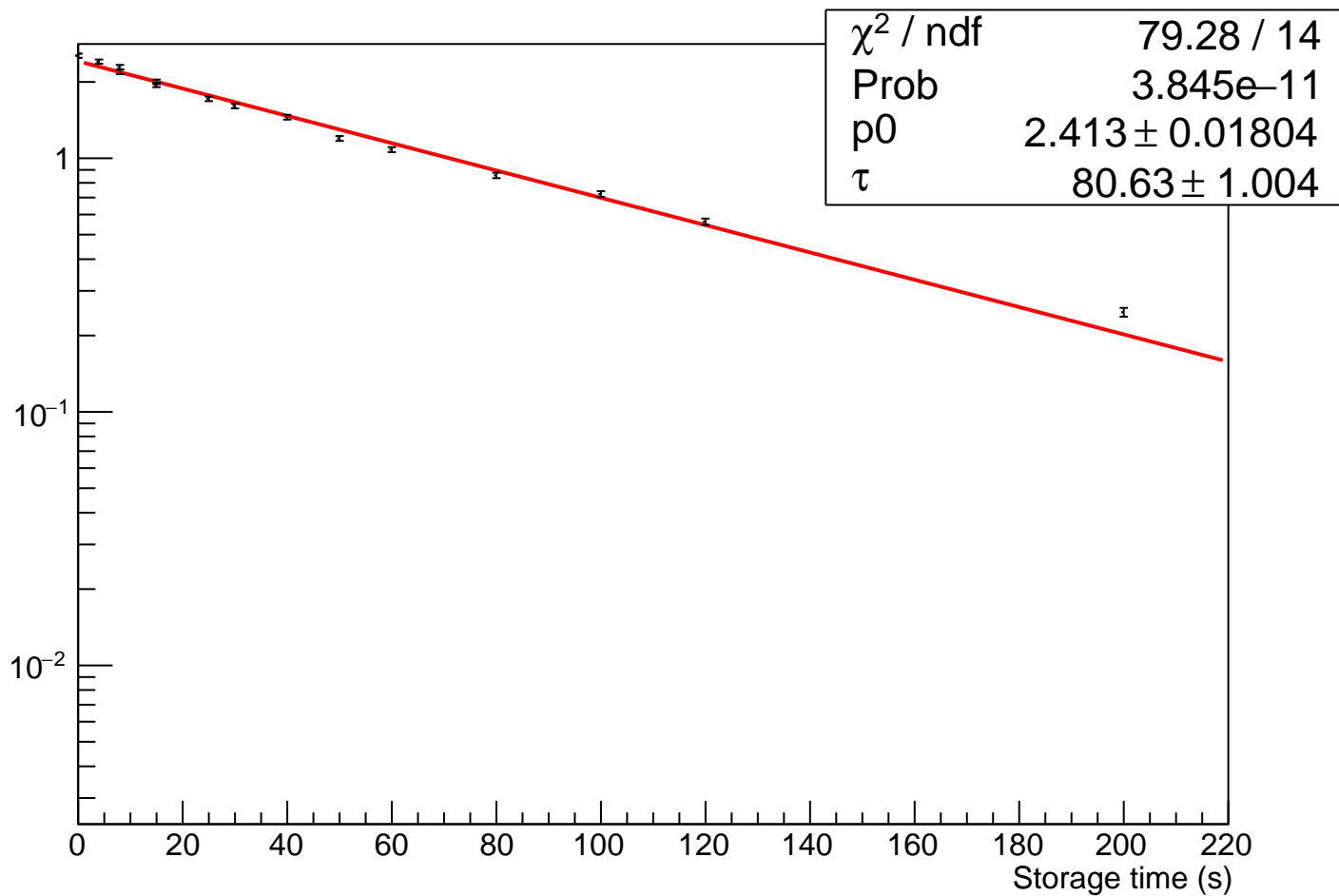
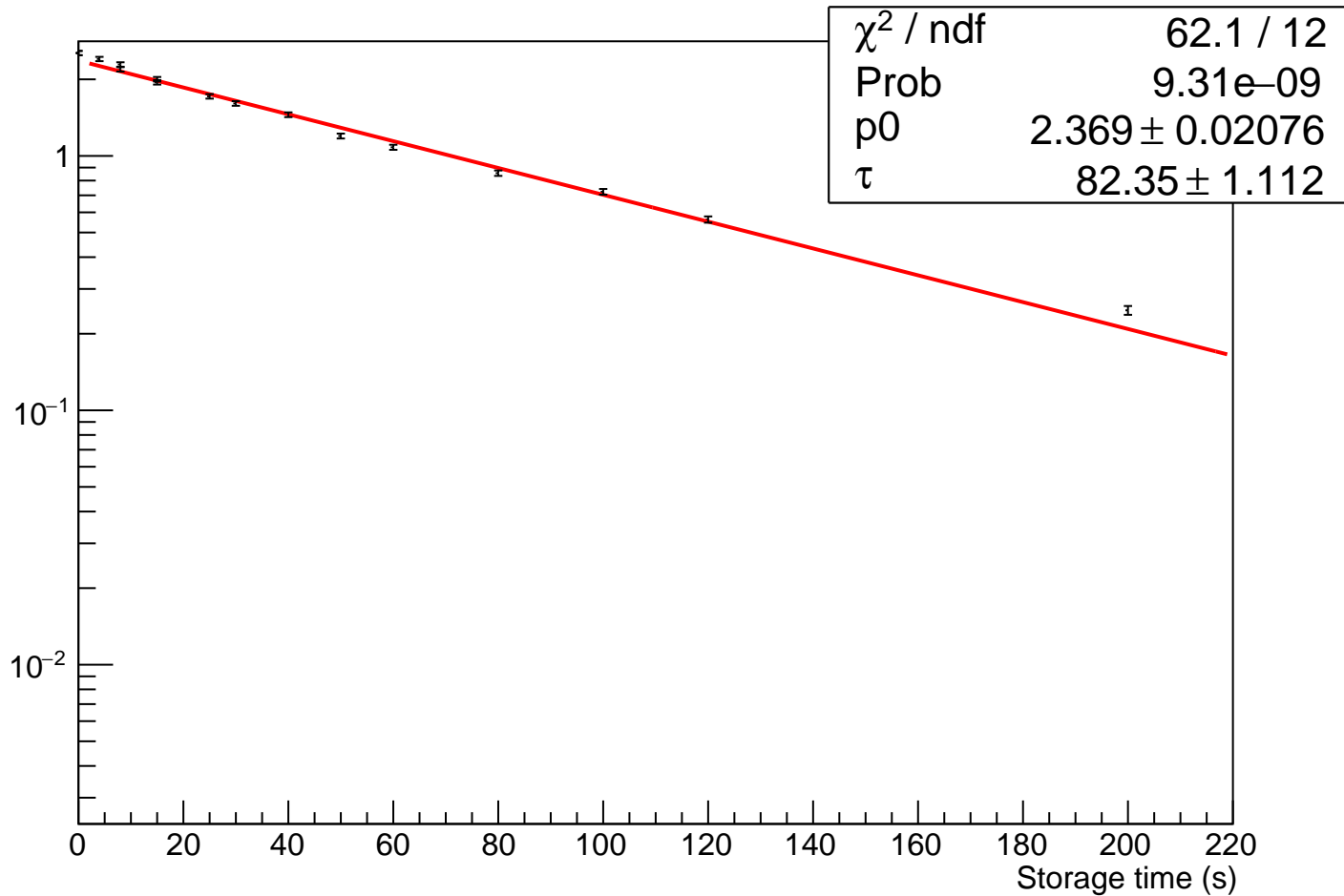


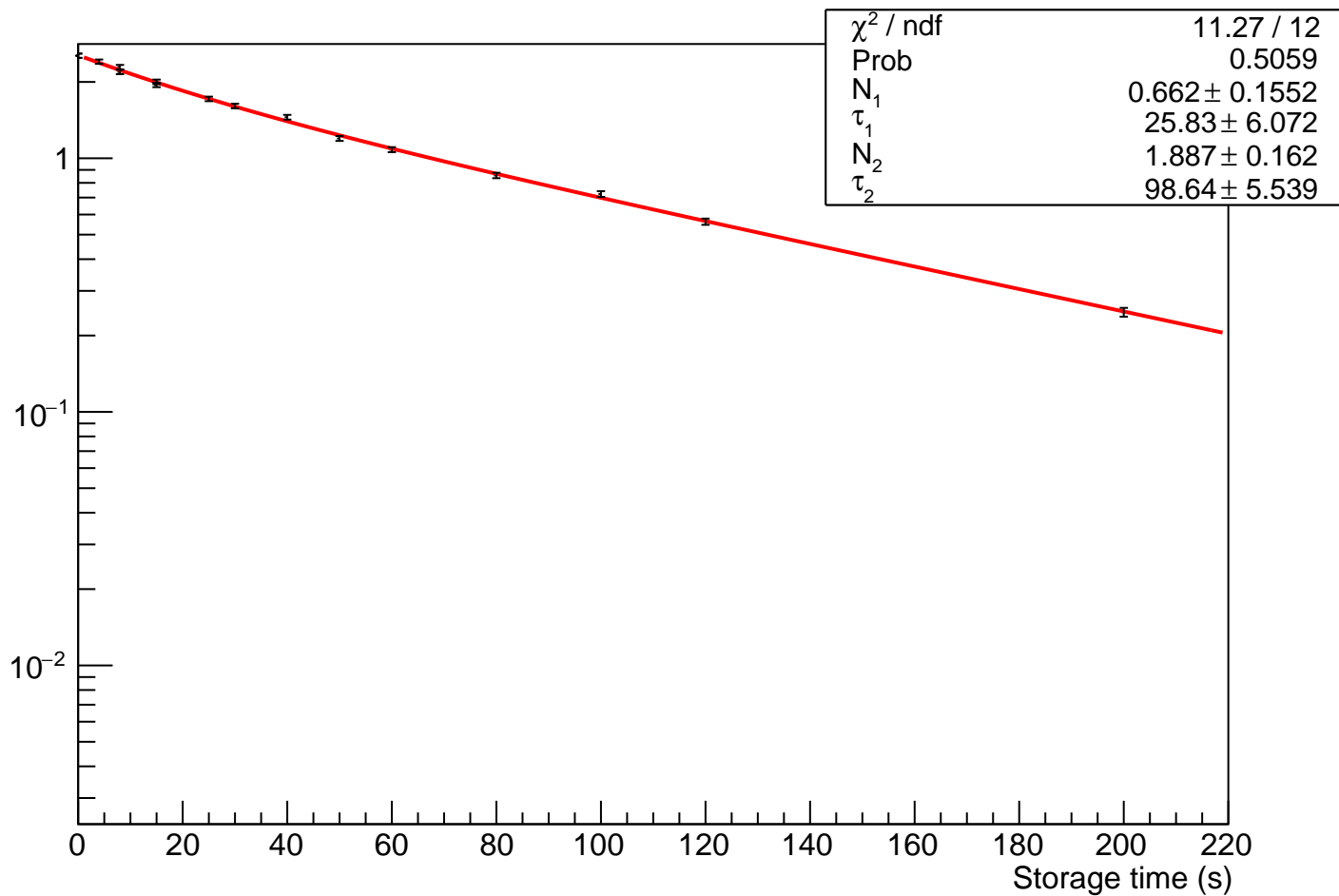
UCN-count-to-monitor ratio



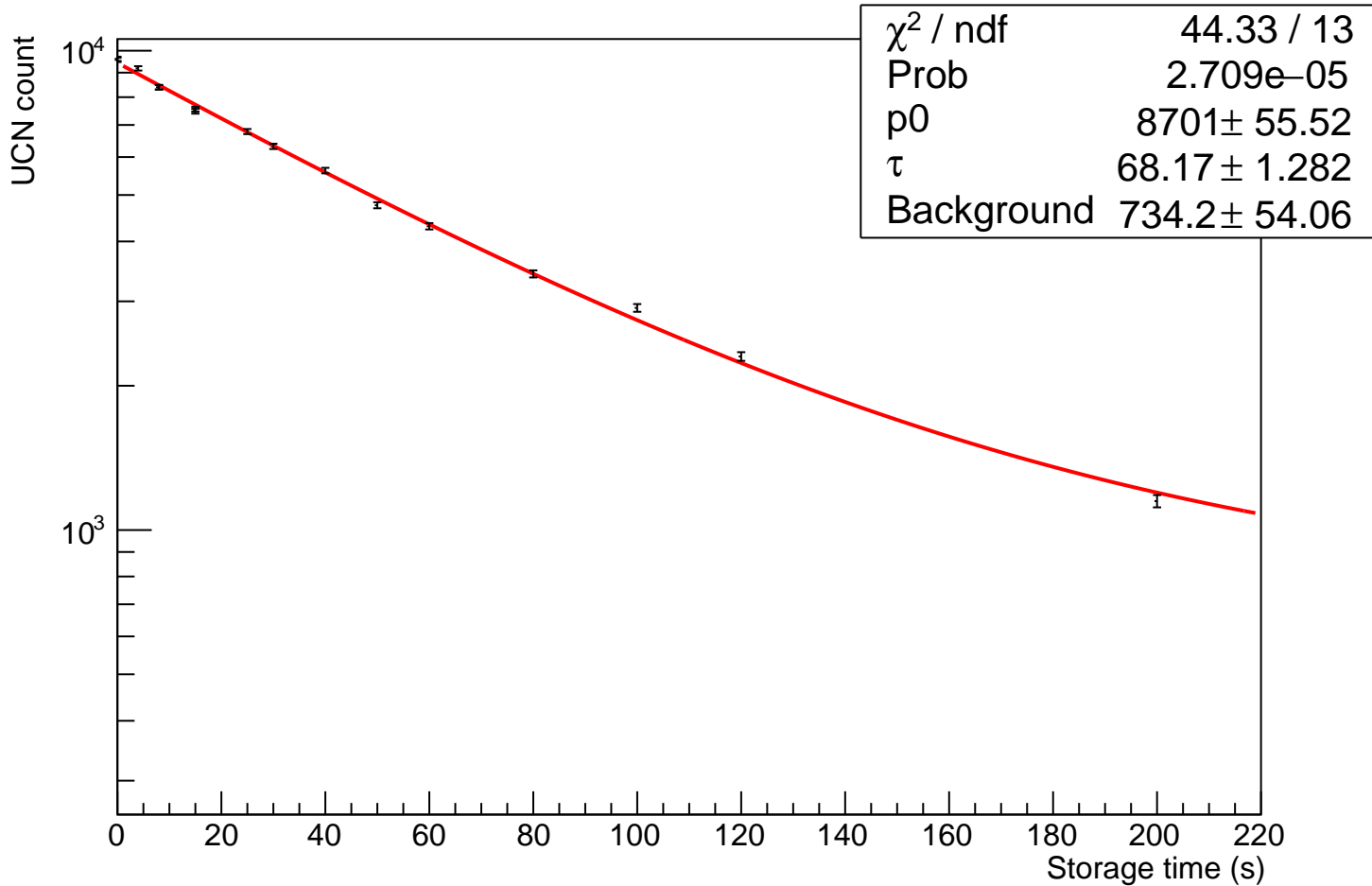
UCN-count-to-monitor ratio



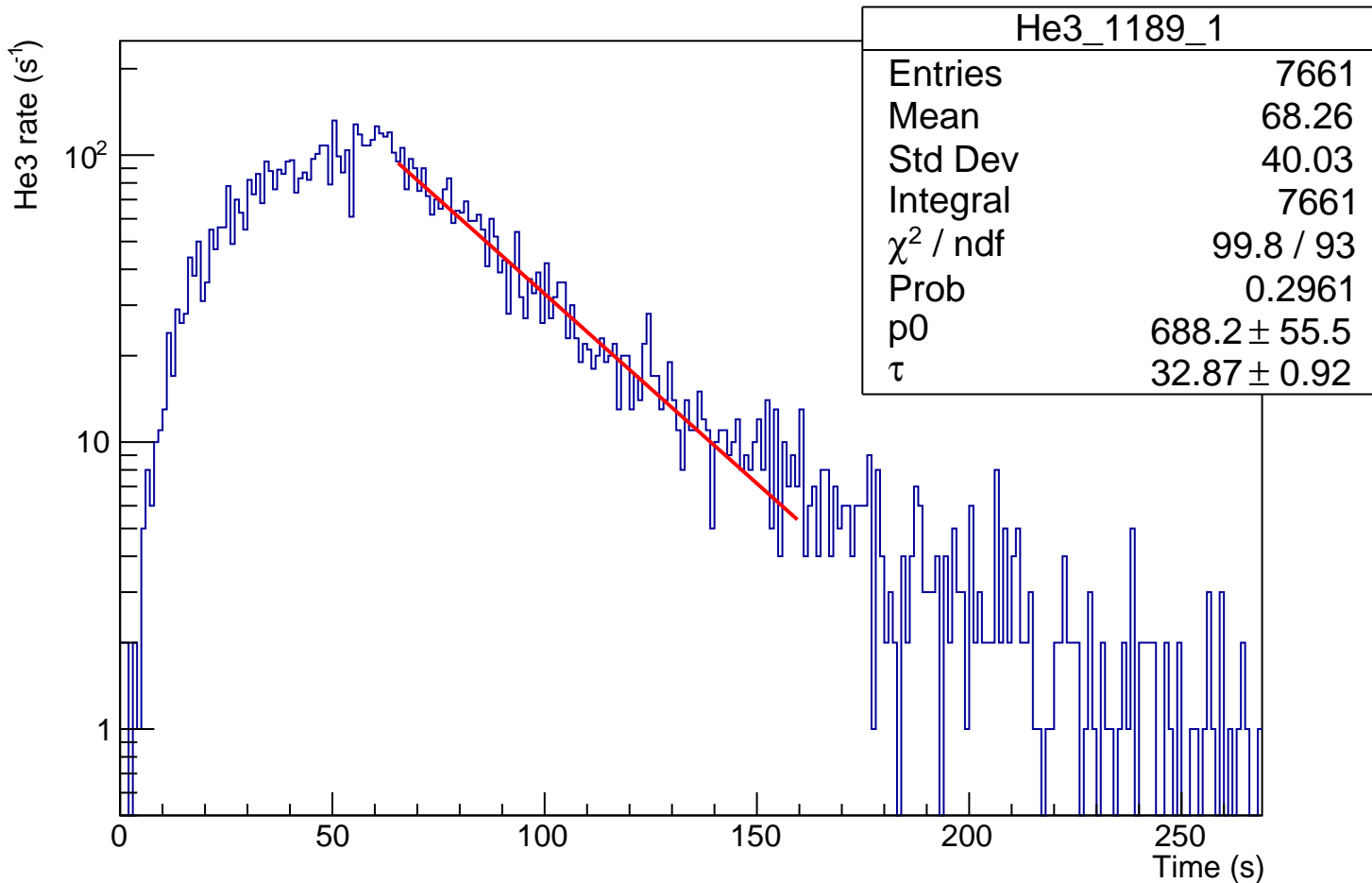
UCN-count-to-monitor ratio



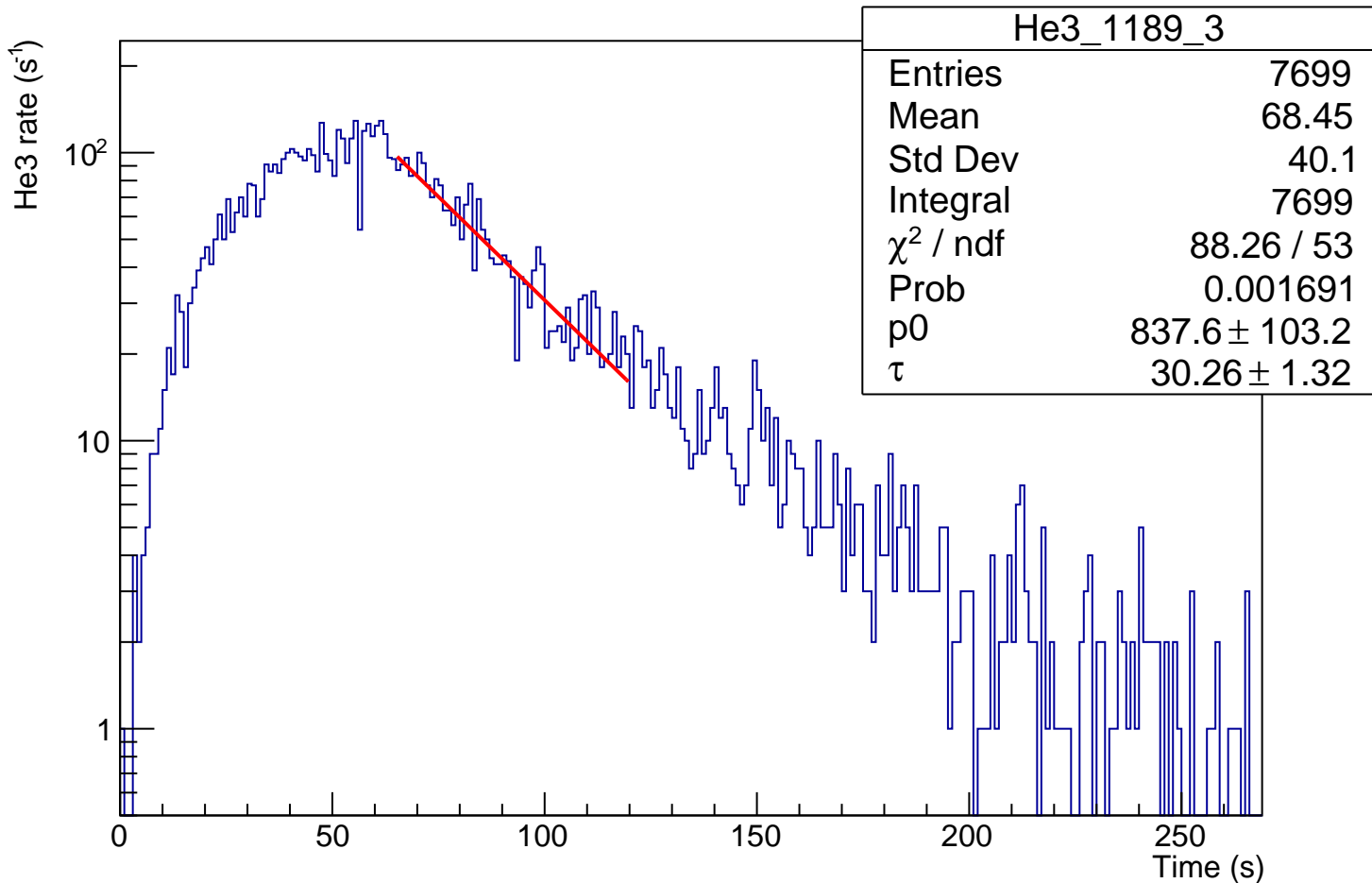
TCN18-381 (UGD22+20, high pos, IV2-IV3) (single exponential fit + background, unnormalized)



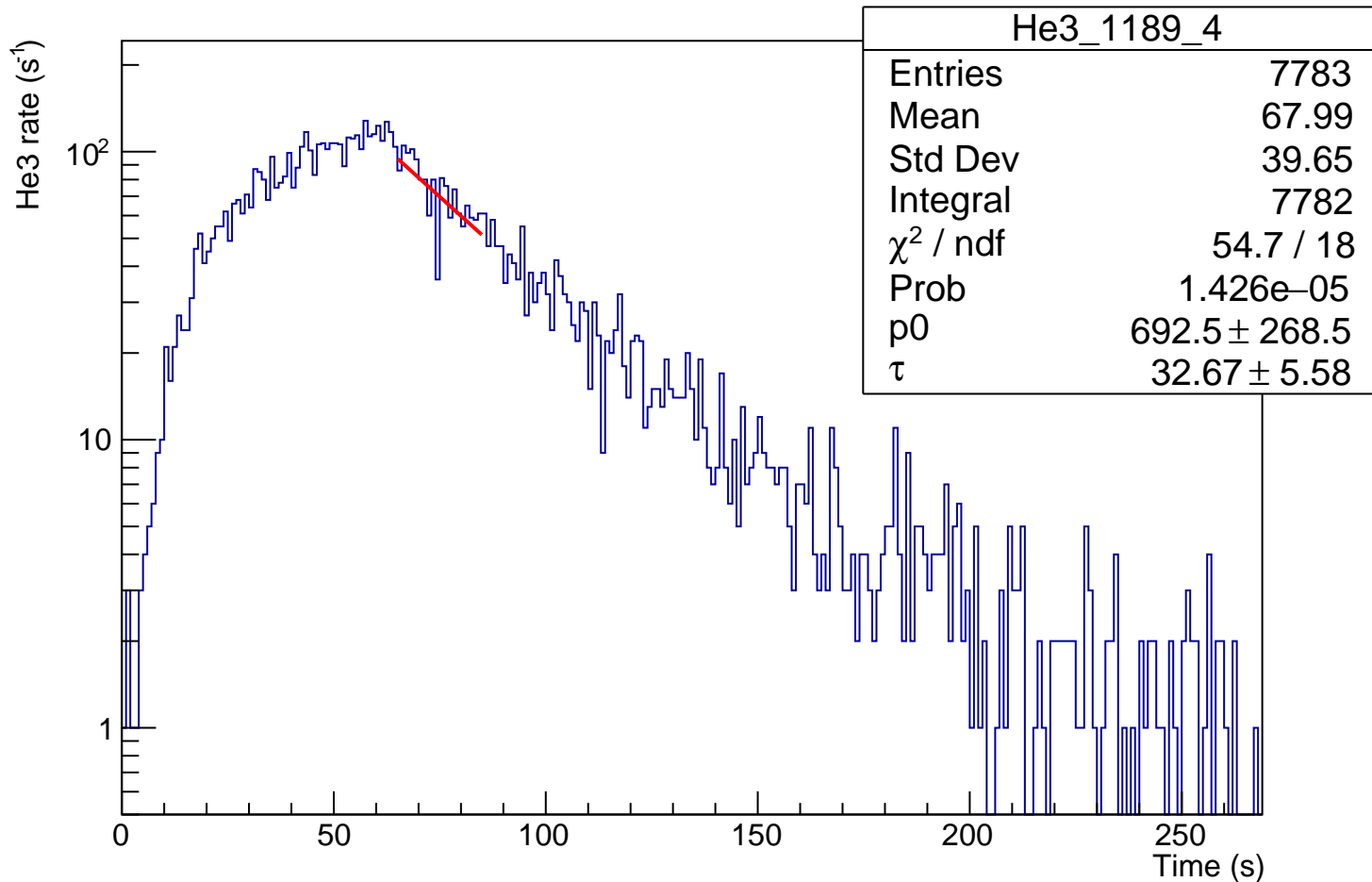
He3 detector rate



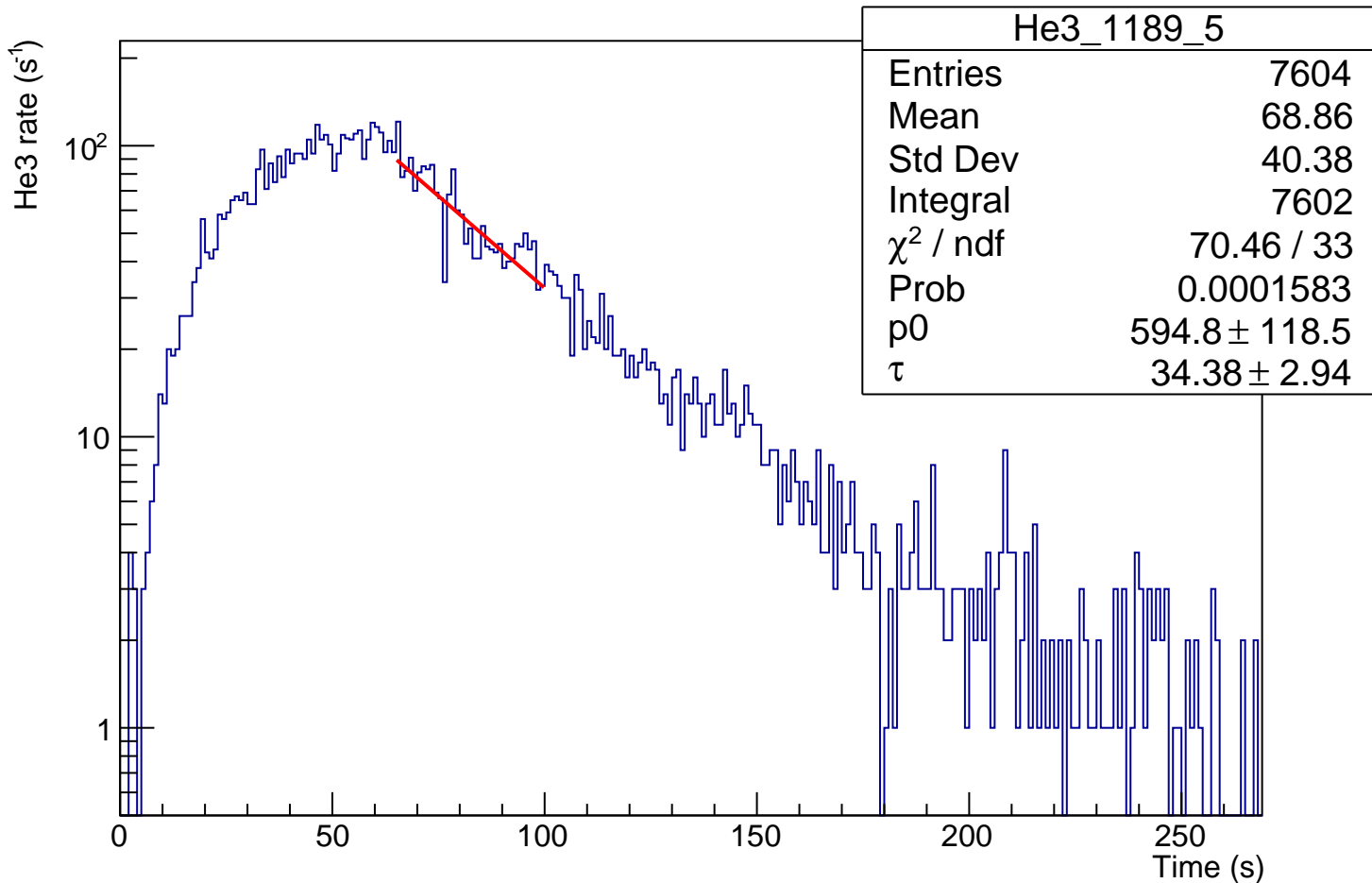
He3 detector rate



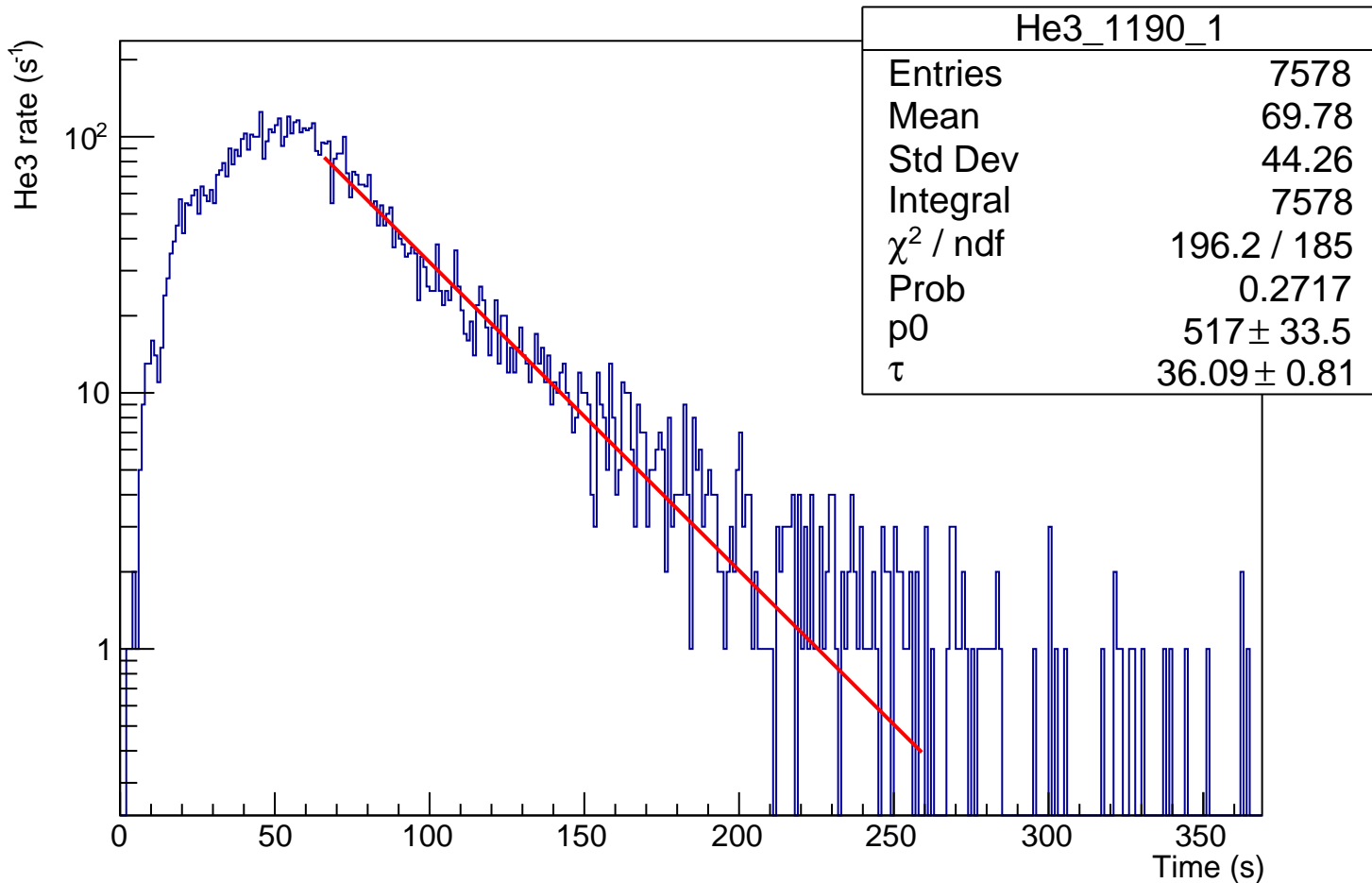
He3 detector rate



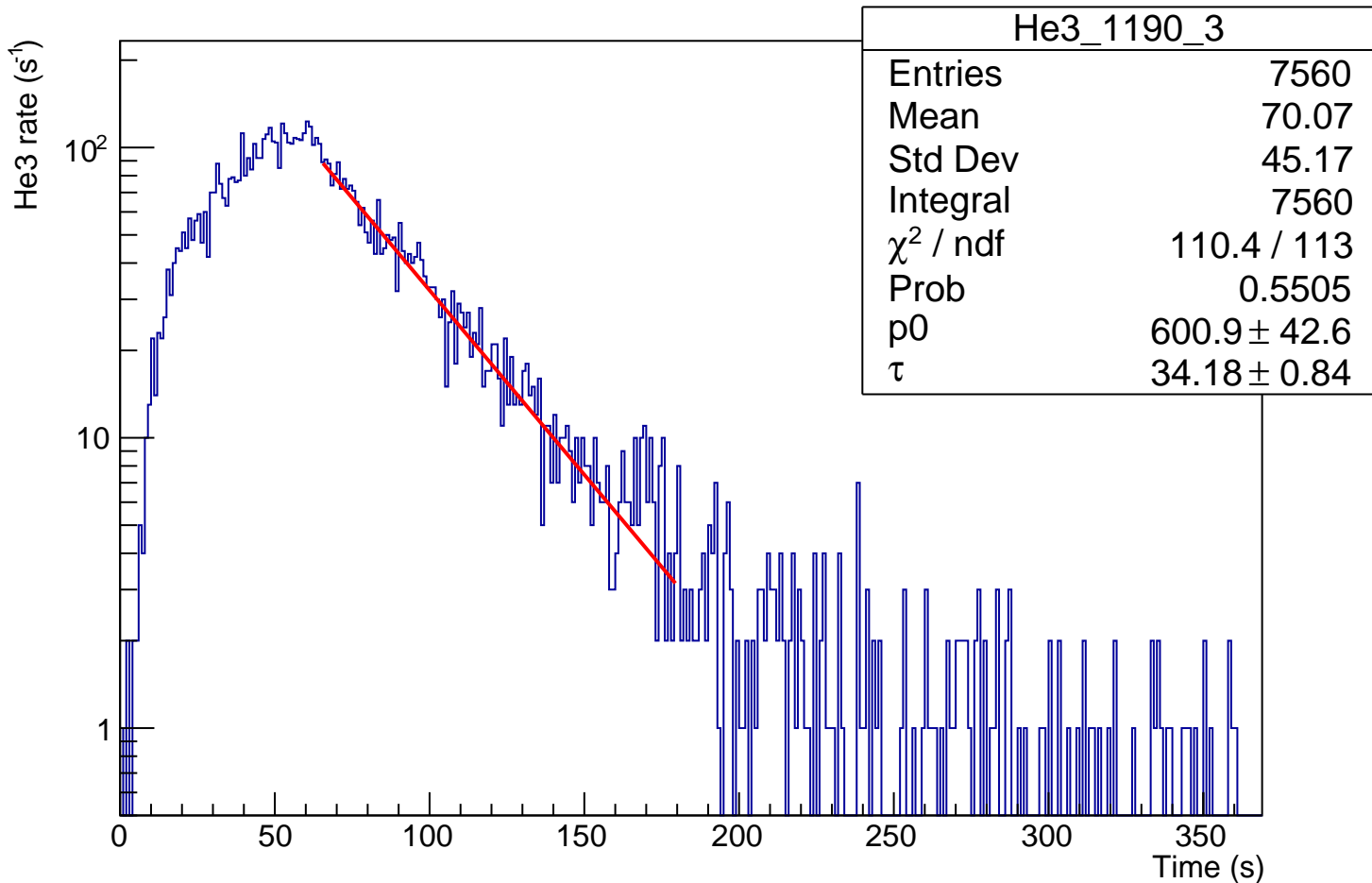
He3 detector rate



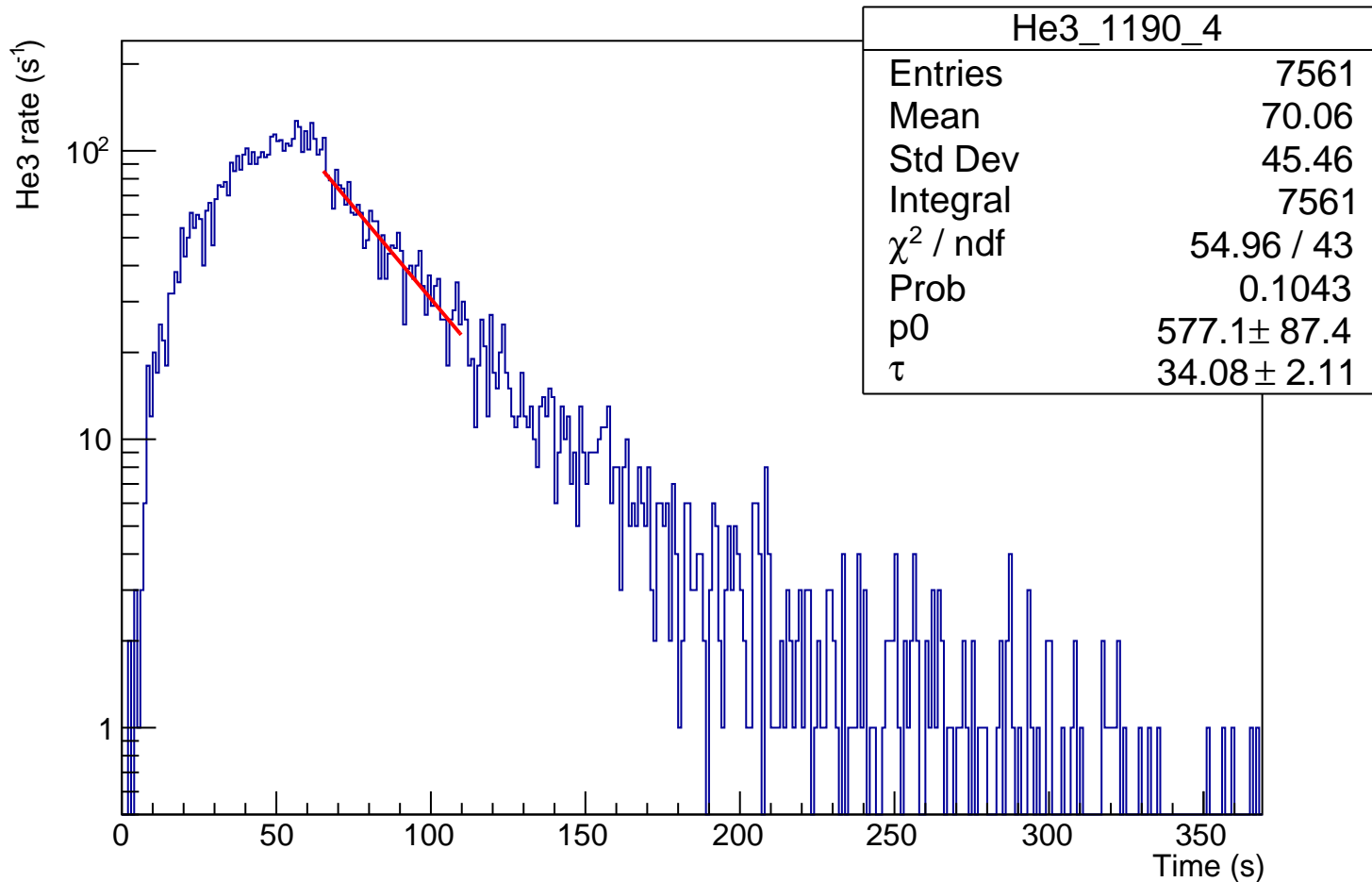
He3 detector rate



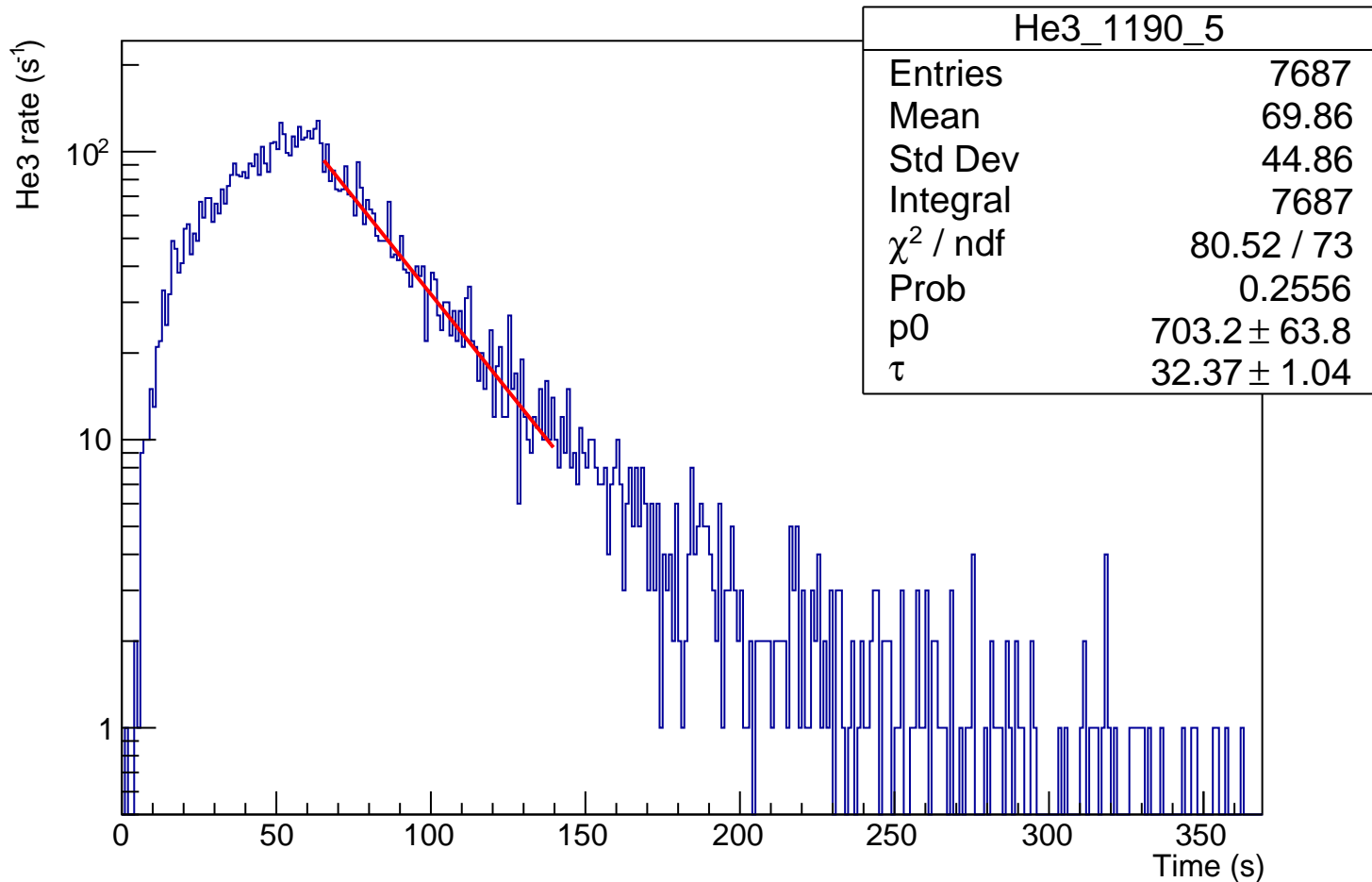
He3 detector rate



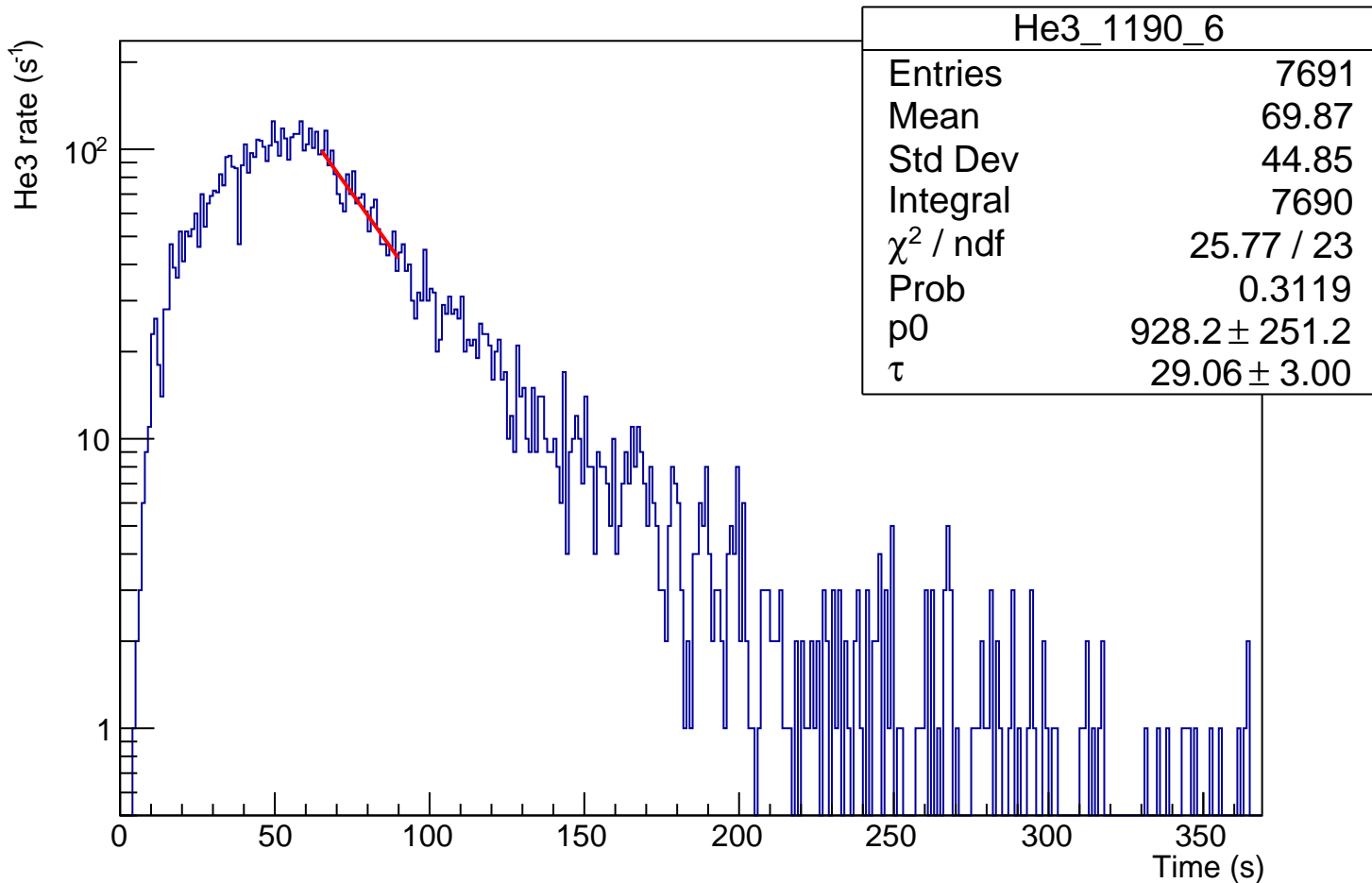
He3 detector rate



He3 detector rate



He3 detector rate



Average lifetime from He3 data:

$$\tau = 33.6555498894 \pm 0.0268858270059 \text{ s}$$