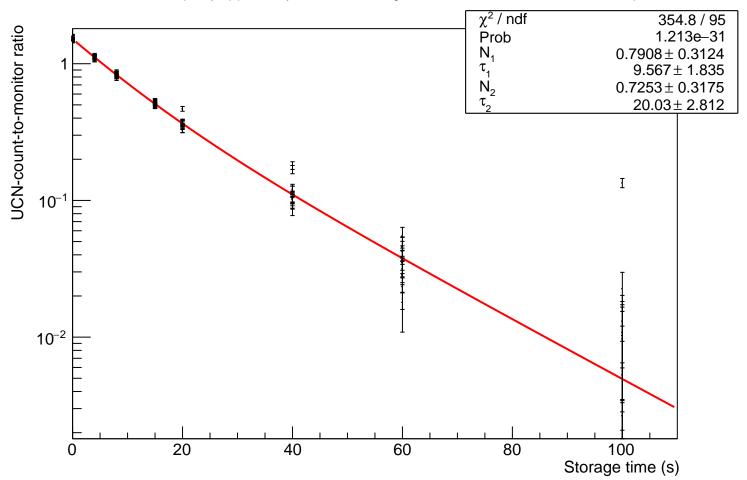


TCN18-086 (MV open) (double exponential fit, with background subtracted, normalized to monitor detector)



TCN18-086 (MV open) (single exponential fit + background, unnormalized) χ^2 / ndf 484.3 / 96 Prob 0 p0 3316 ± 13.38 13.92 ± 0.1034 Background 247.9 ± 3.414

60

100

Storage time (s)

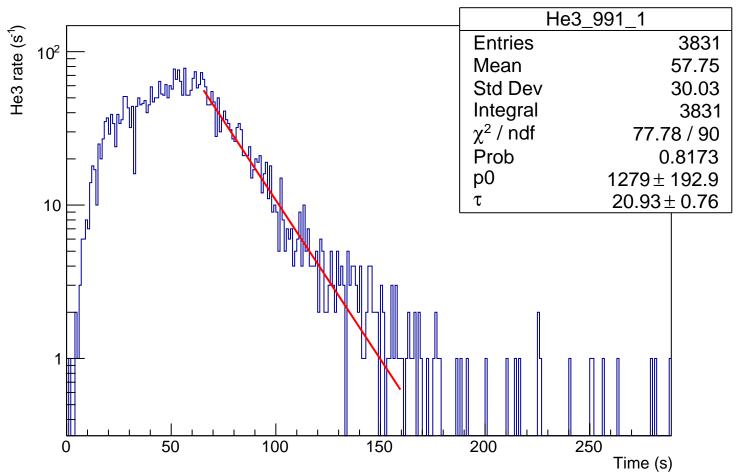
80

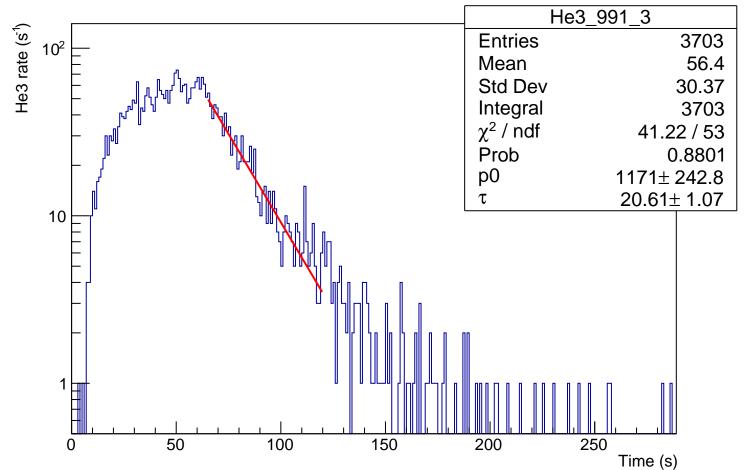
UCN count

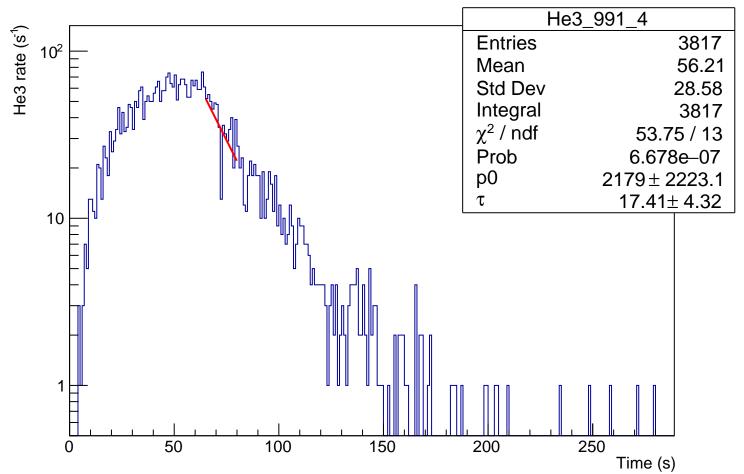
10³

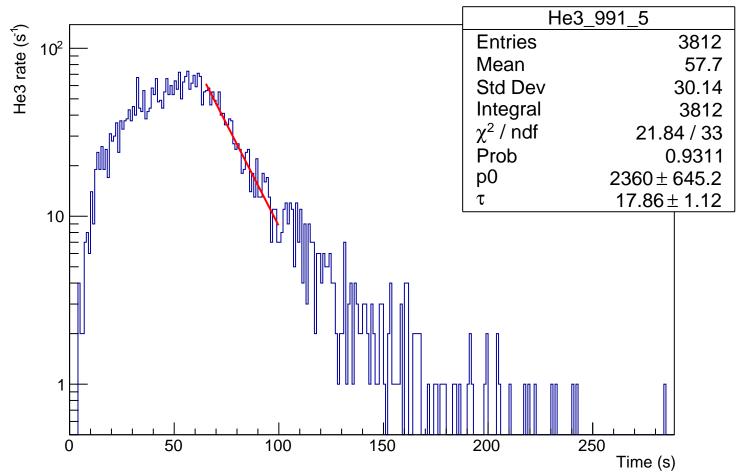
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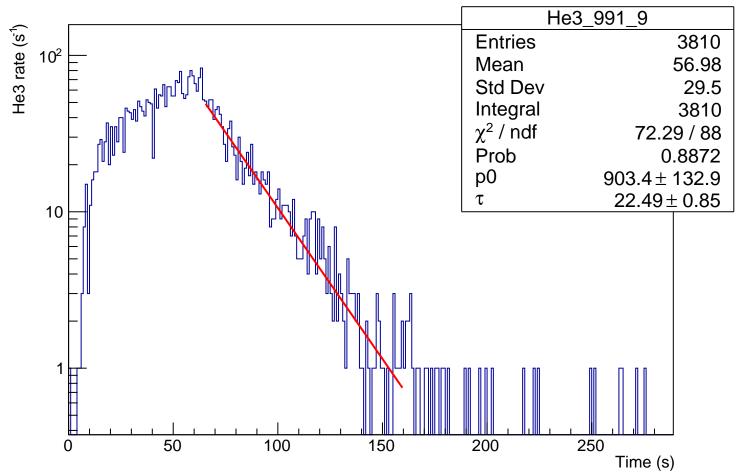
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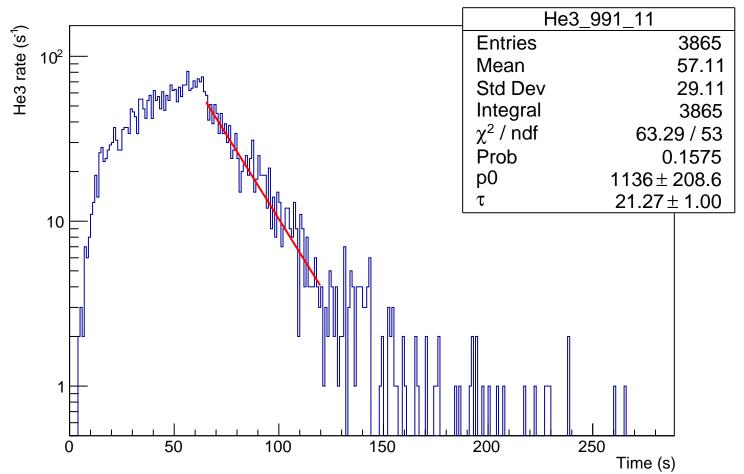


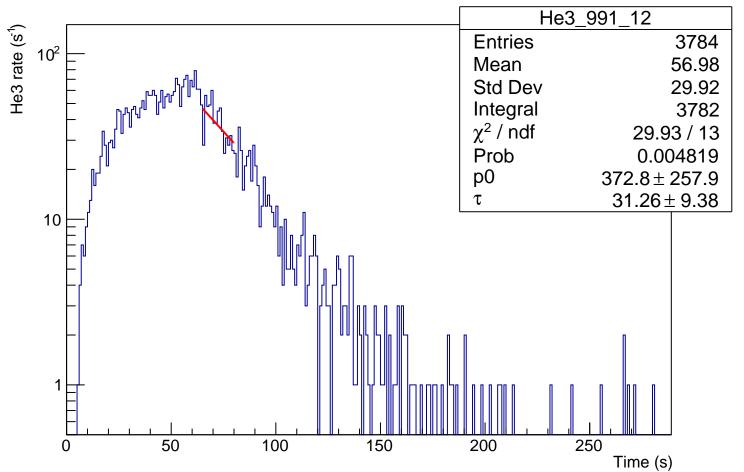




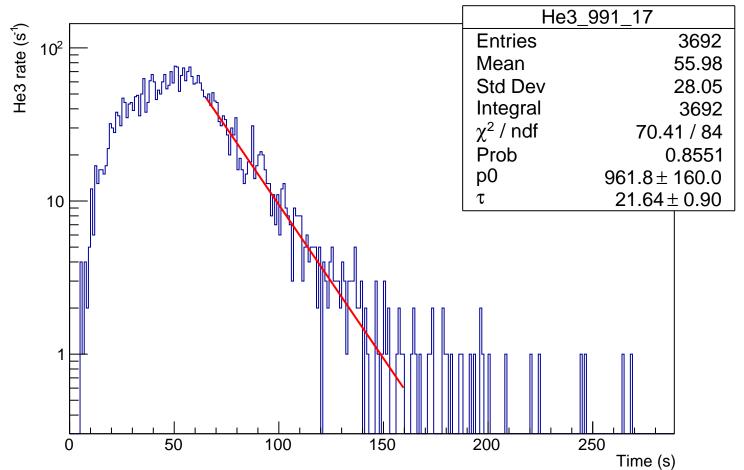


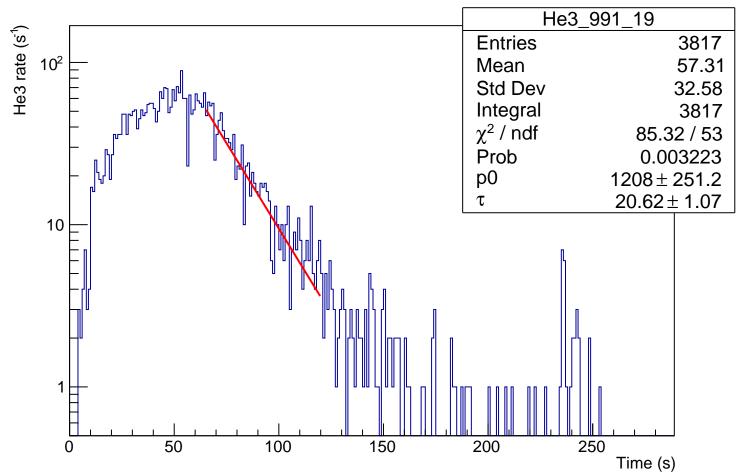


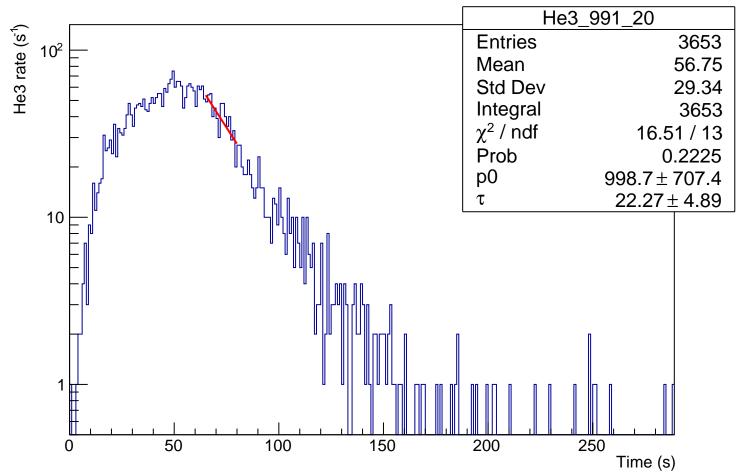


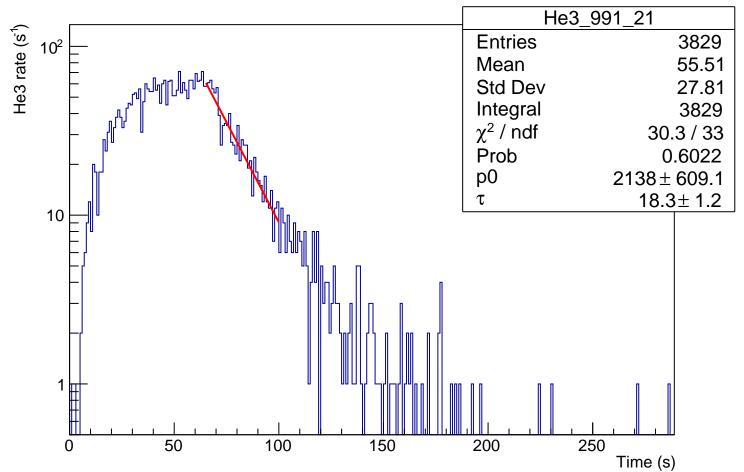


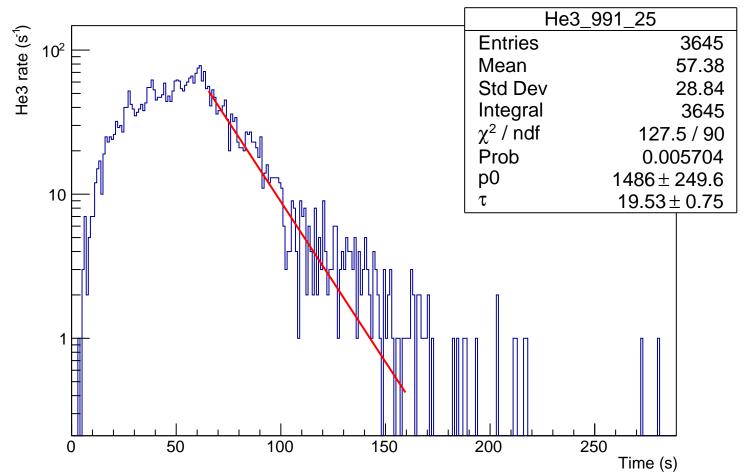
He3 detector rate He3_991_13 He3 rate (s^{-1}) **Entries** 3811 10^{2} Mean 56.63 Std Dev 28.62 Integral 3811 χ^2 / ndf 33.75 / 33 Prob 0.4309 p0 1473 ± 441.9 19.82 ± 1.51 10 100 150 200 250 50 Time (s)

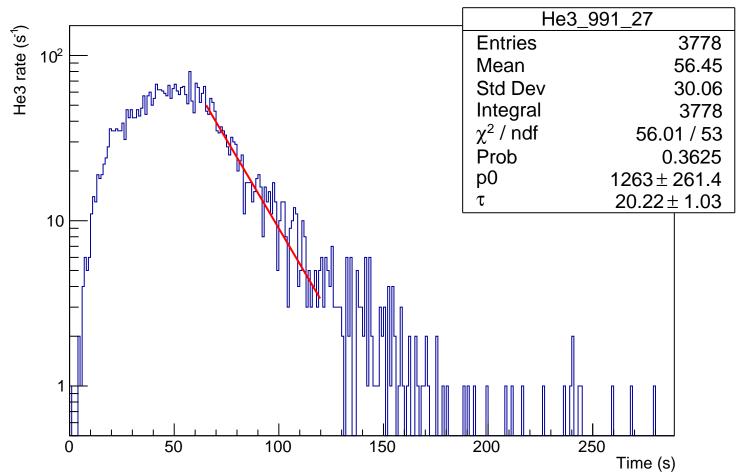


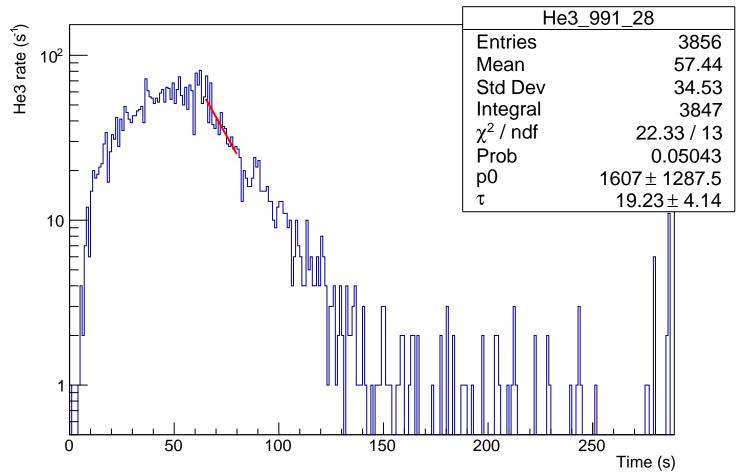






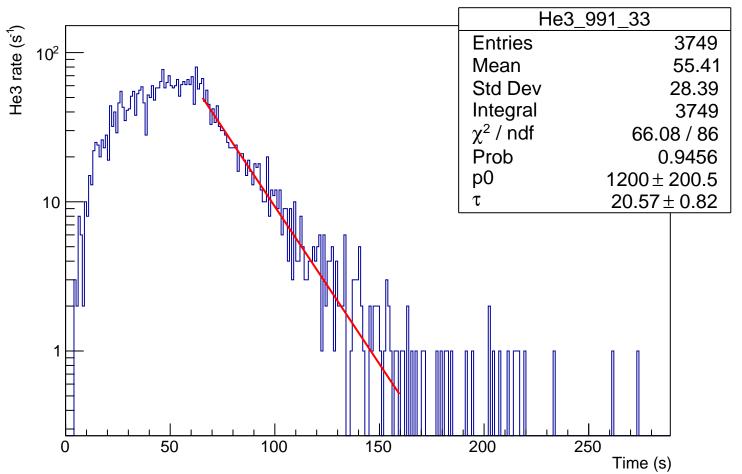


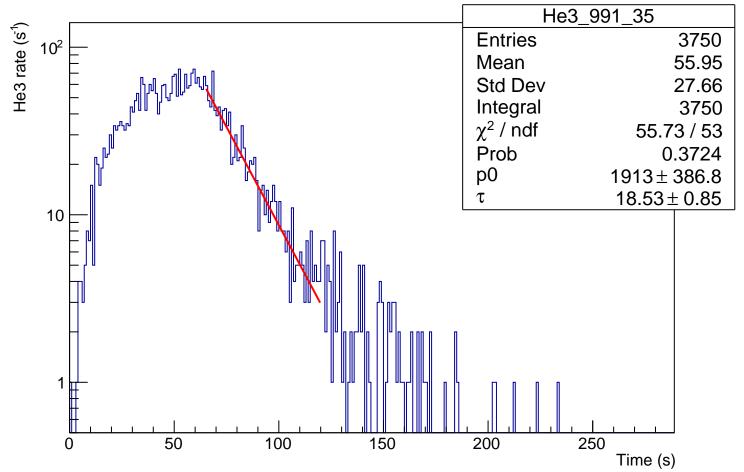


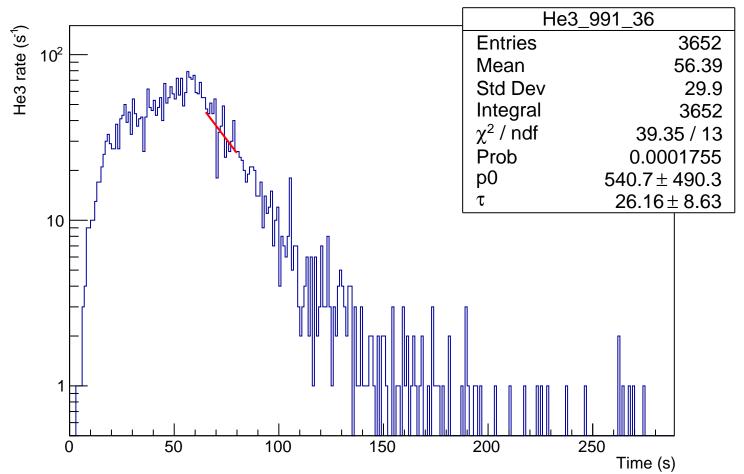


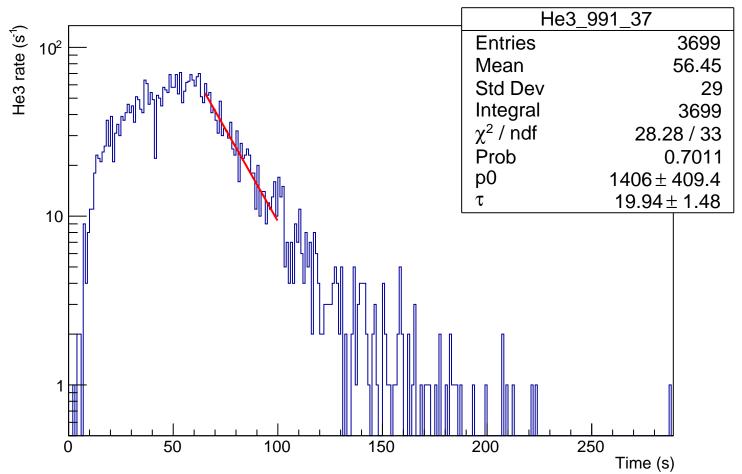
He3 detector rate He3_991_29 He3 rate (\bar{s}^1) **Entries** 3764 10^{2} Mean 54.87 Std Dev 29.11 Integral 3764 χ^2 / ndf 40.9 / 33 Prob 0.1625 p0 1621± 459.0 19.26 ± 1.34 10 100 200 250 50 150

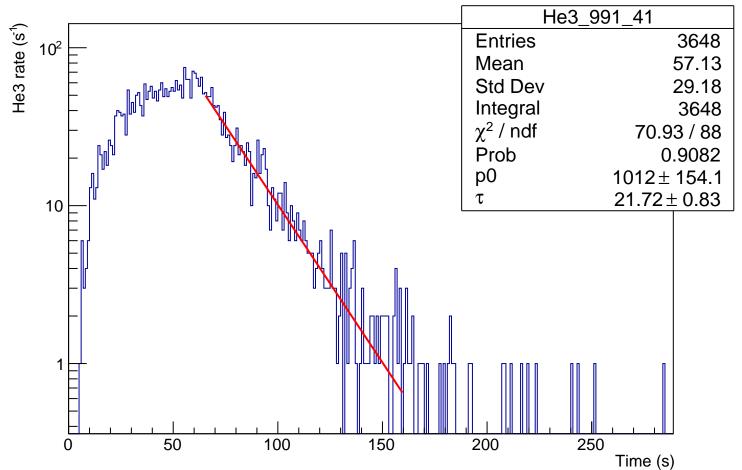
Time (s)

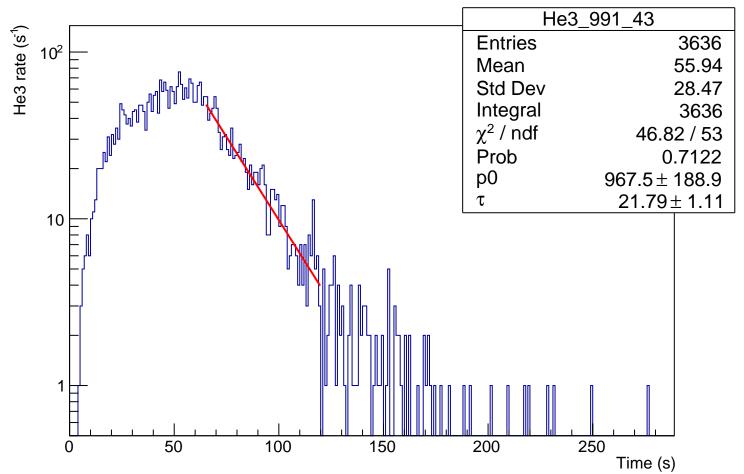


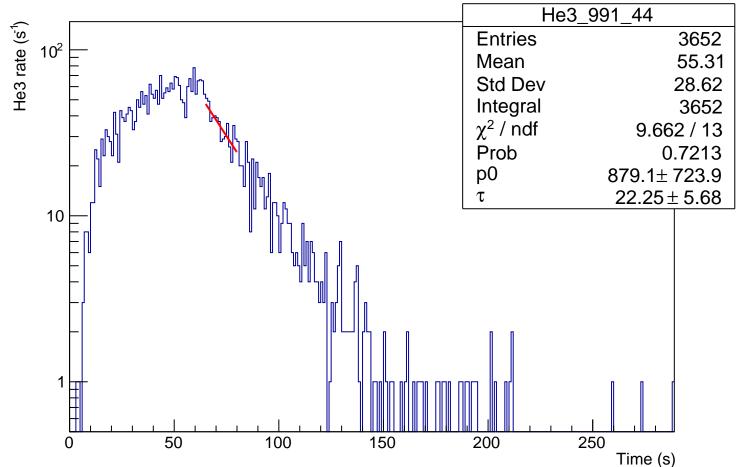


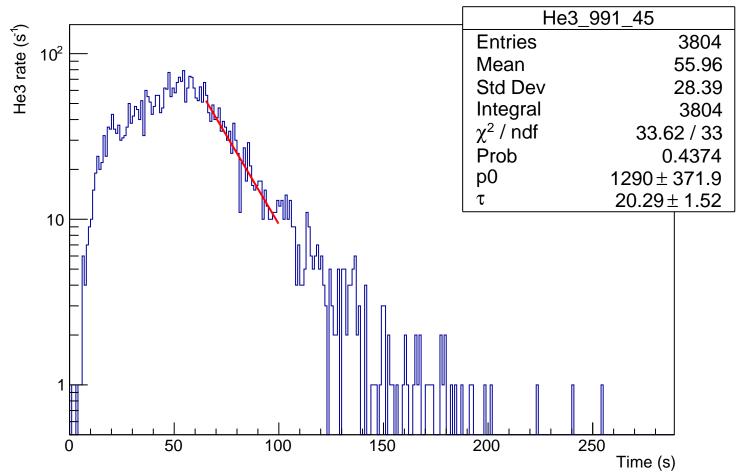


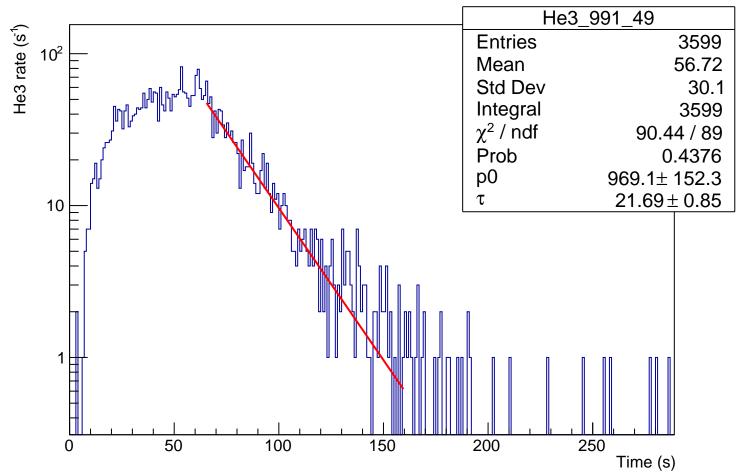


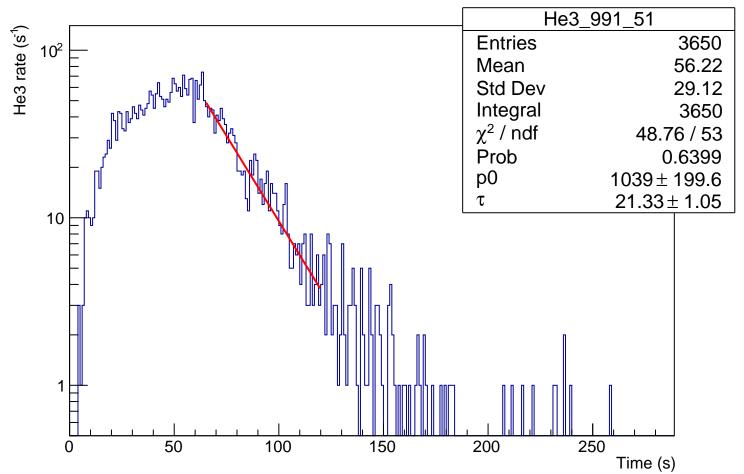


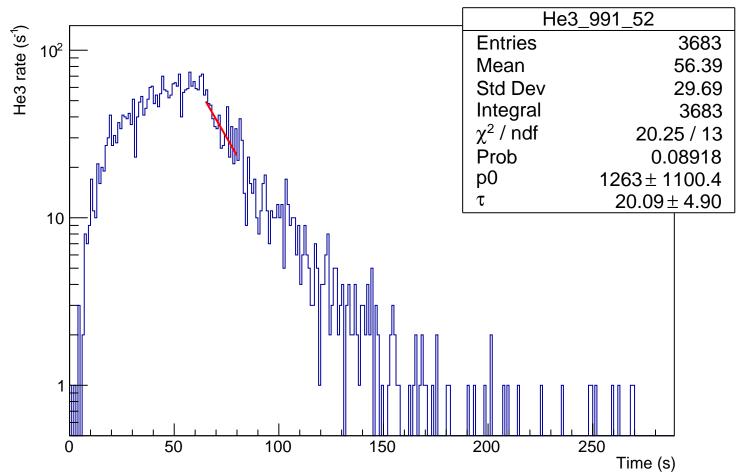


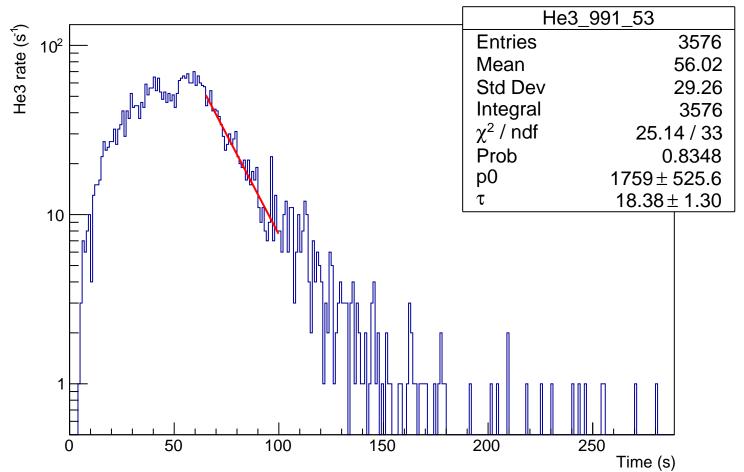


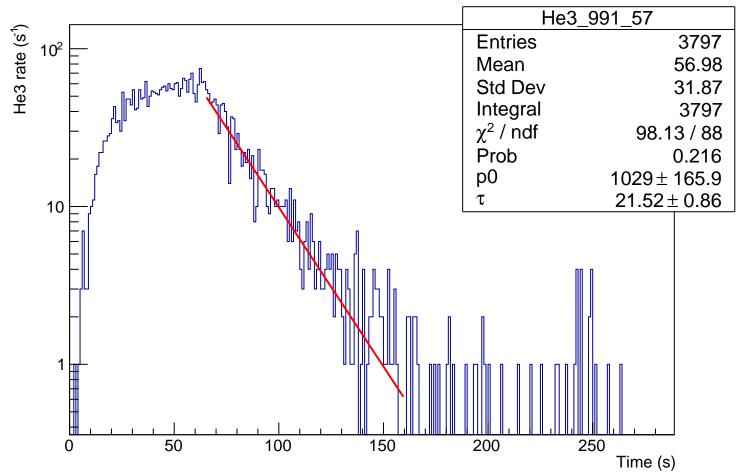


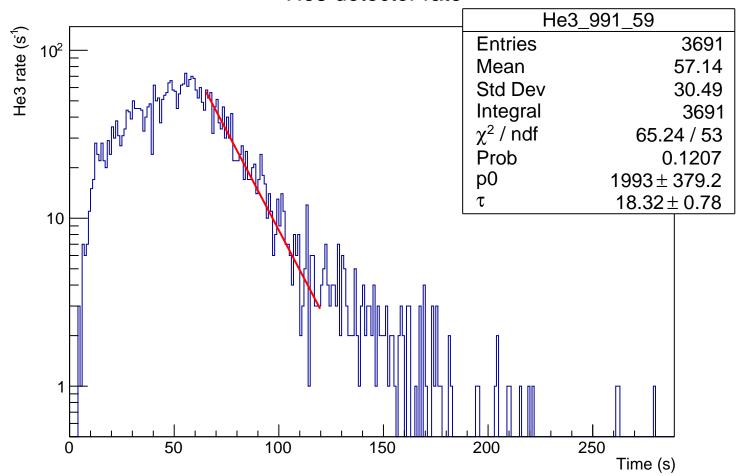


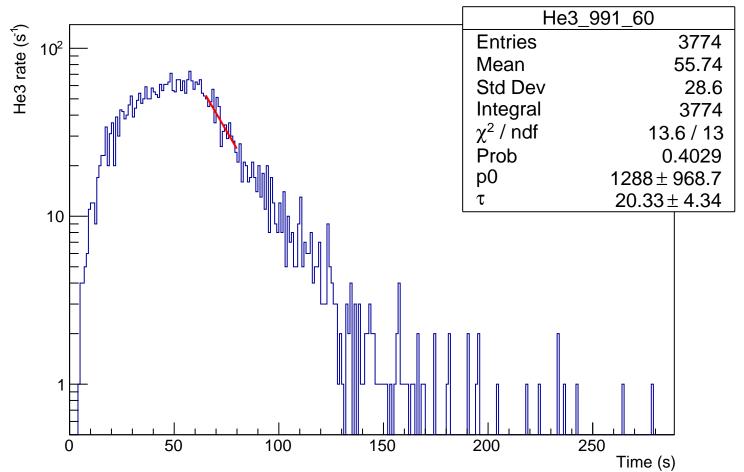


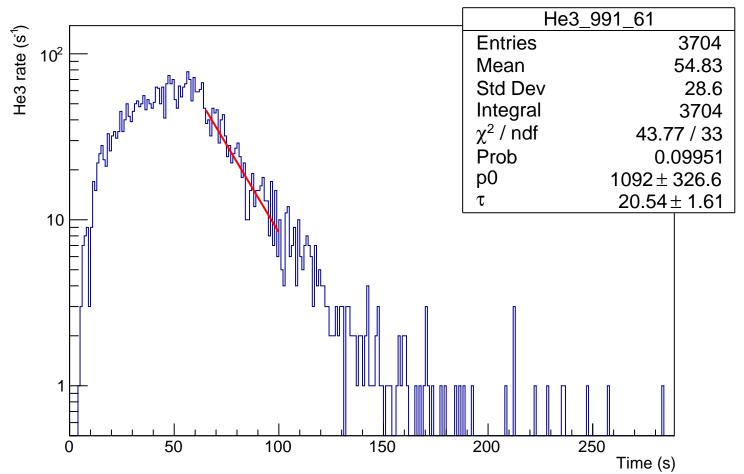


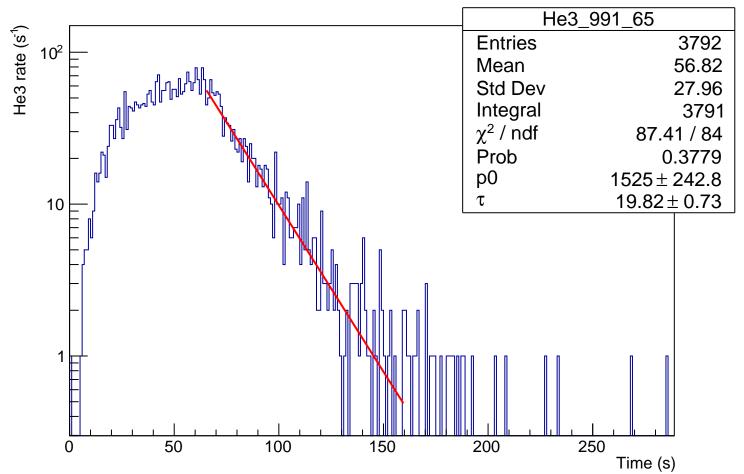


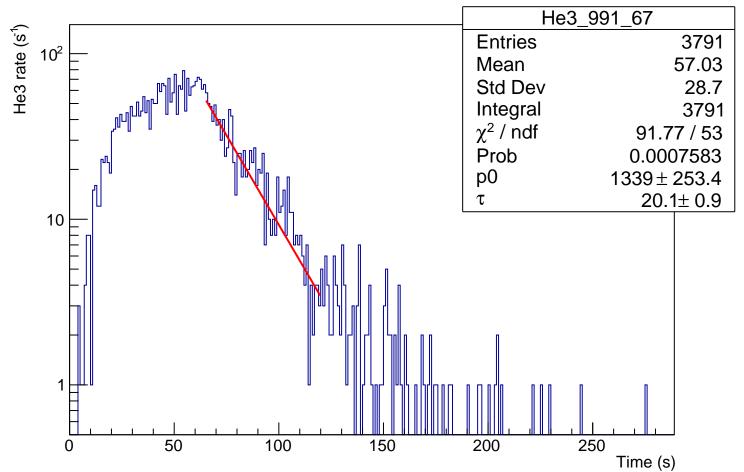


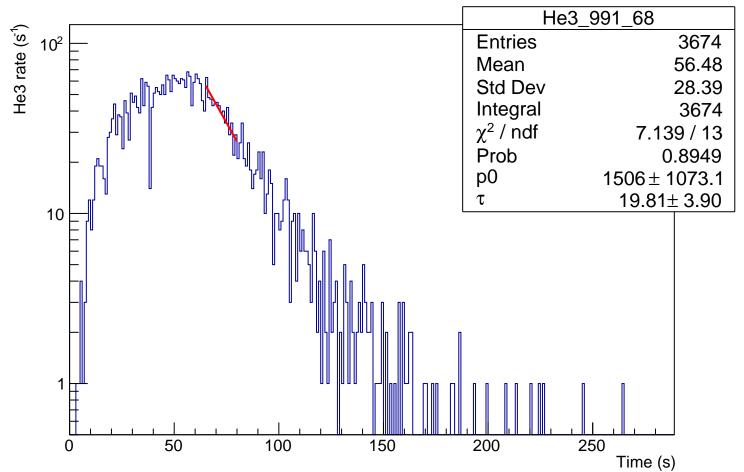


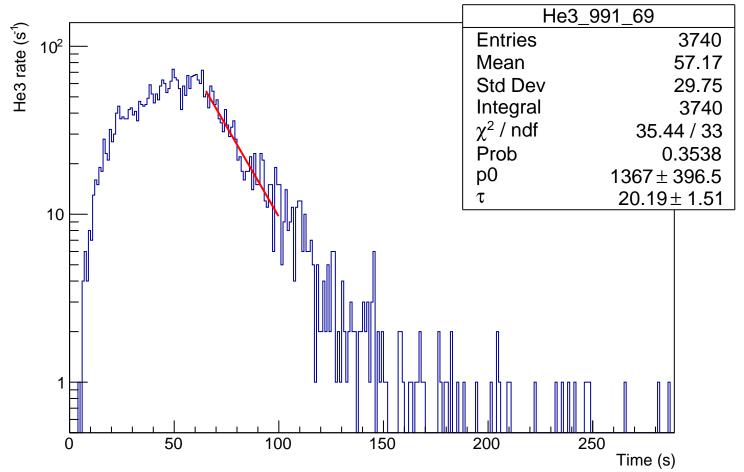


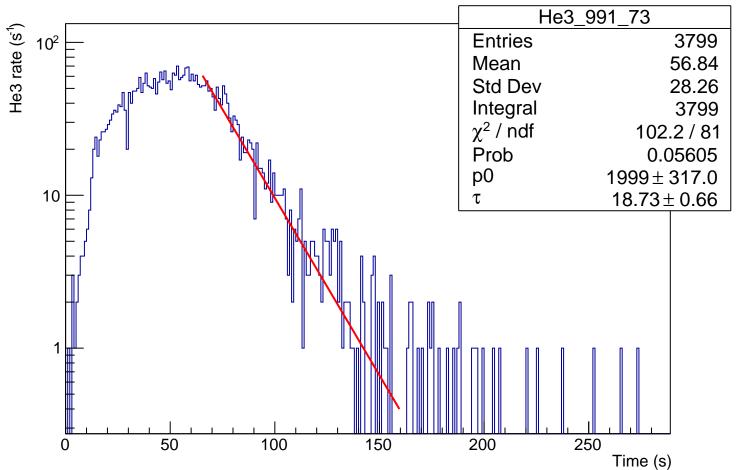


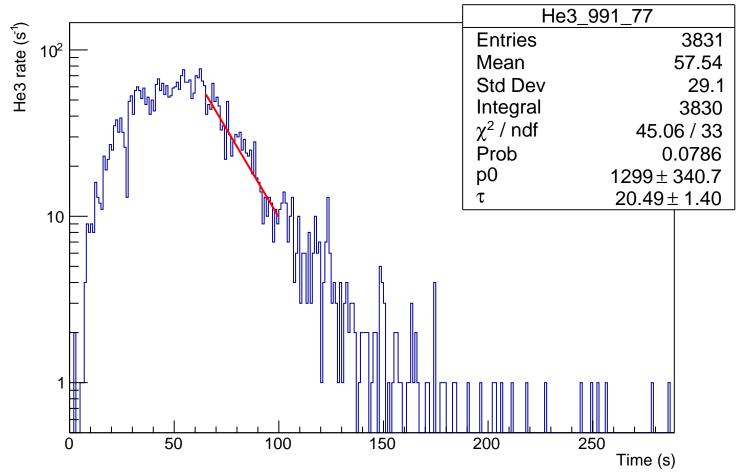


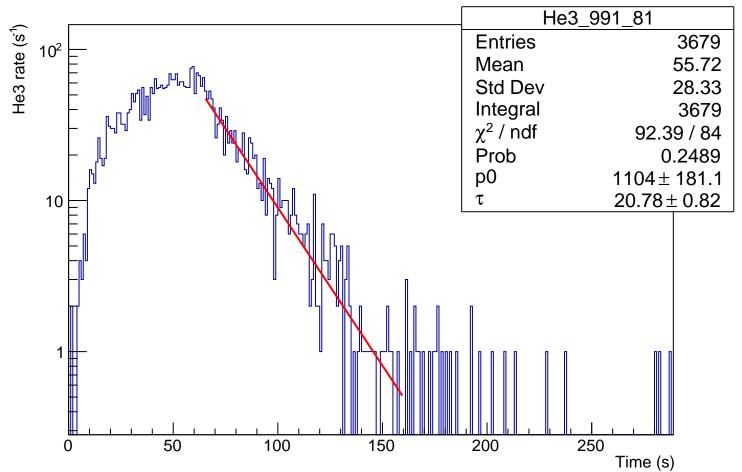


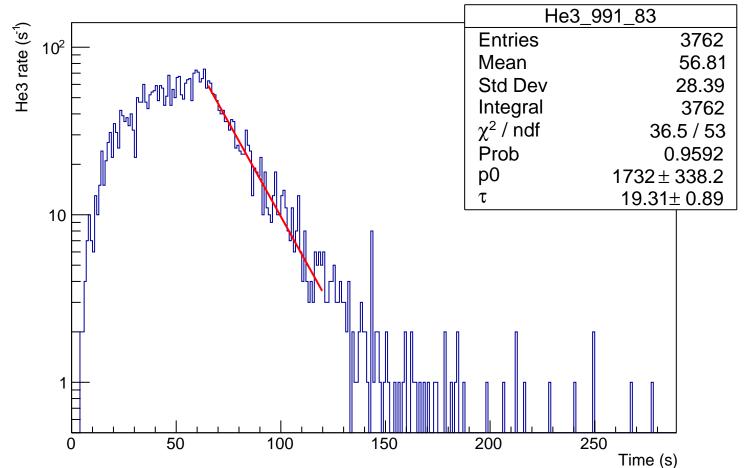


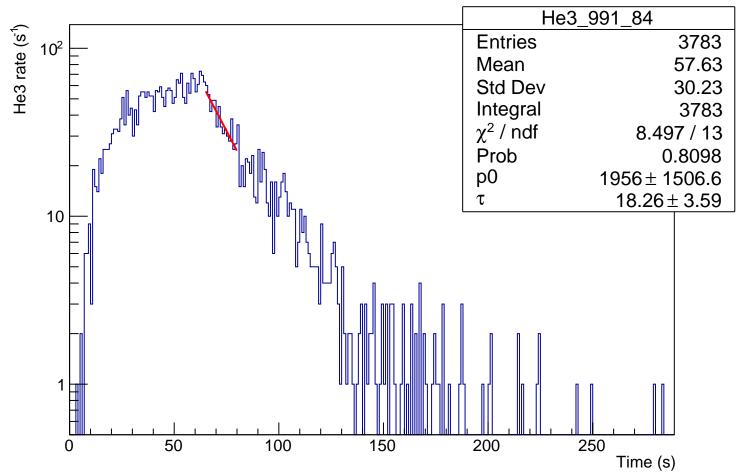


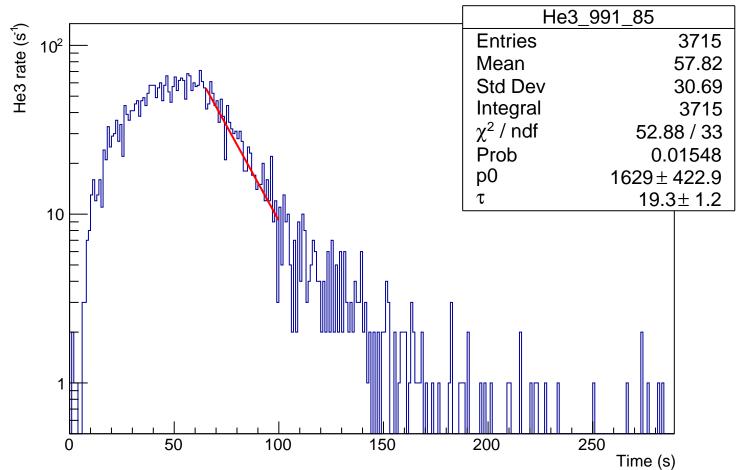


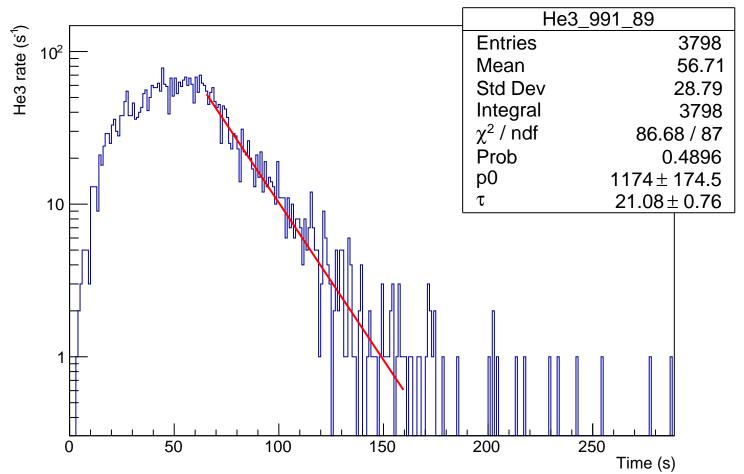


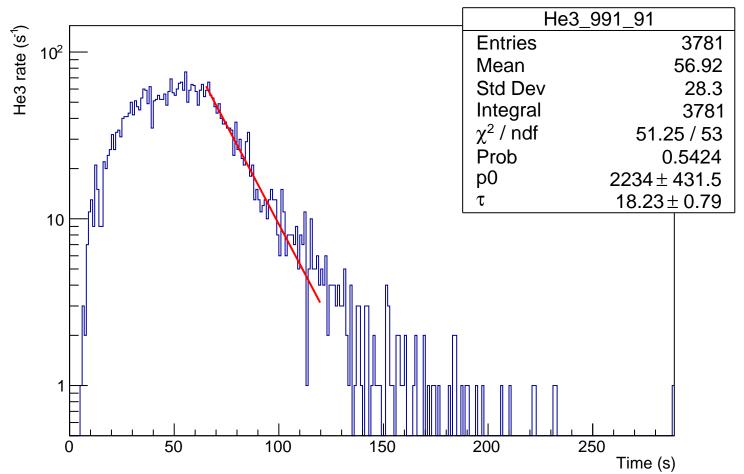


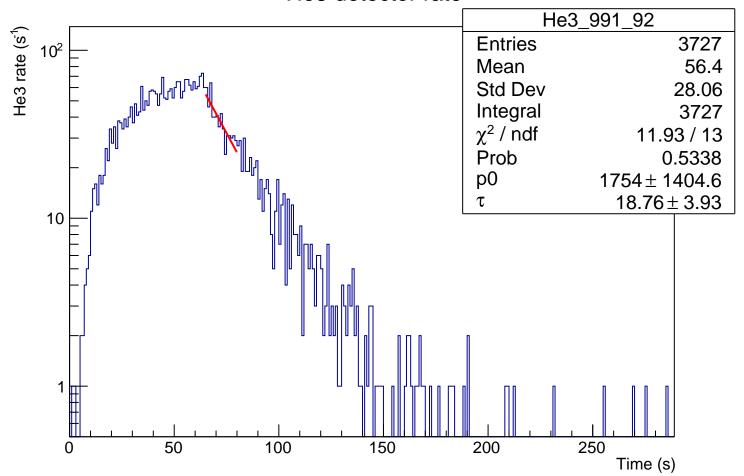


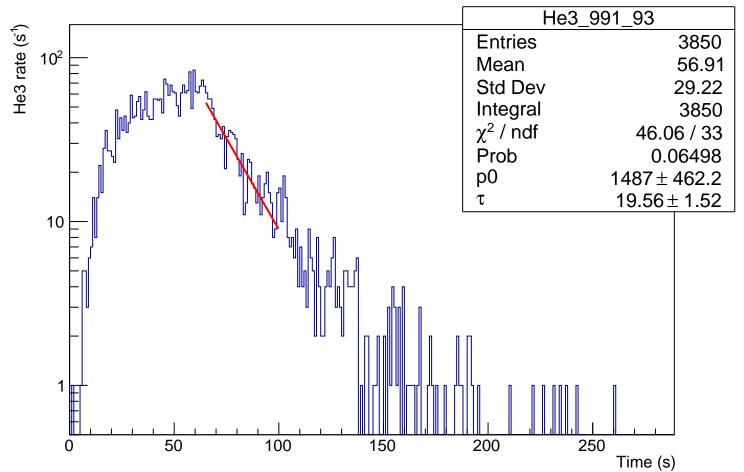


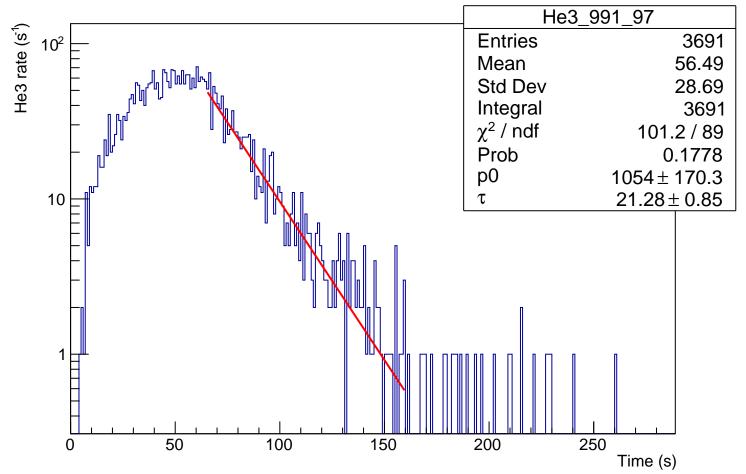


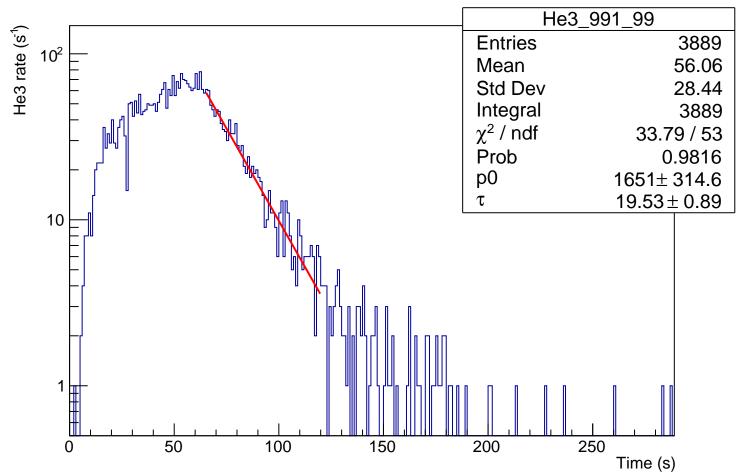


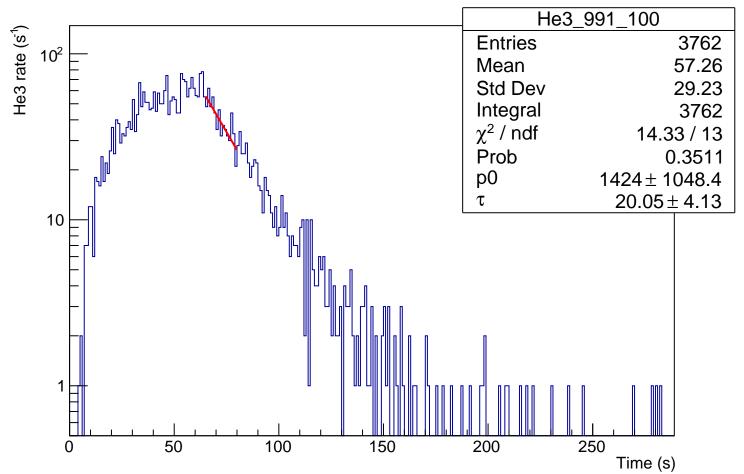


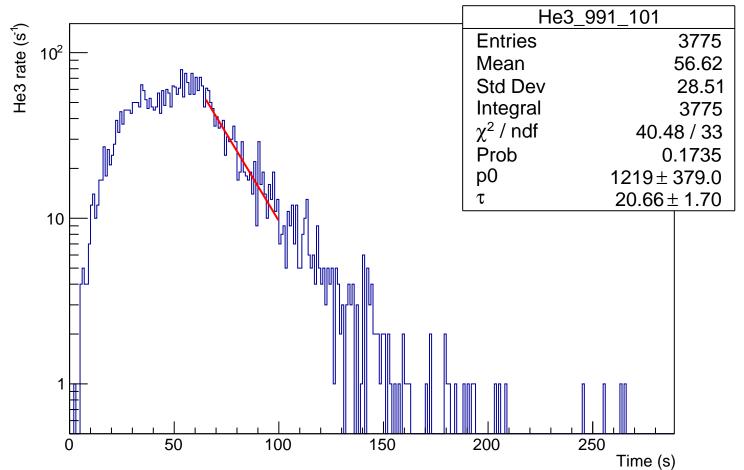












 τ = 20.1848514837 +/- 0.000581079528106 s

Average lifetime from He3 data: