

TCN18-046 (IV2-IV3, O-ring side) (single exponential fit + background, unnormalized)  $\chi^2$  / ndf 1721 / 78 **UCN** count 10<sup>3</sup> Prob 0 p0 891.6 ± 13.51  $8.068 \pm 0.2119$ Background  $145.3 \pm 3.851$  $10^{2}$ 10 20 30 40 50 60 Storage time (s)

He3 detector rate He<sub>3</sub> 961 1 He3 rate (s<sup>1</sup>) **Entries** 4741 Mean 52.35  $10^{2}$ Std Dev 24.09 Integral 4733  $\chi^2$  / ndf 19.5 / 13 Prob 0.1085 p0  $584.6 \pm 377.5$  $28.96 \pm 7.52$ М 10

60

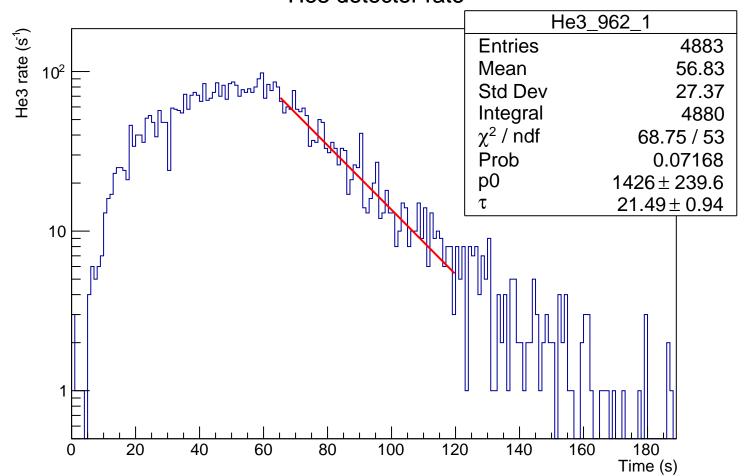
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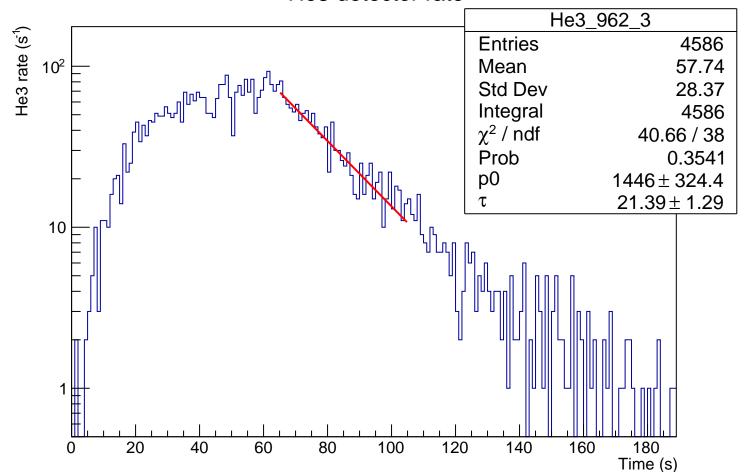
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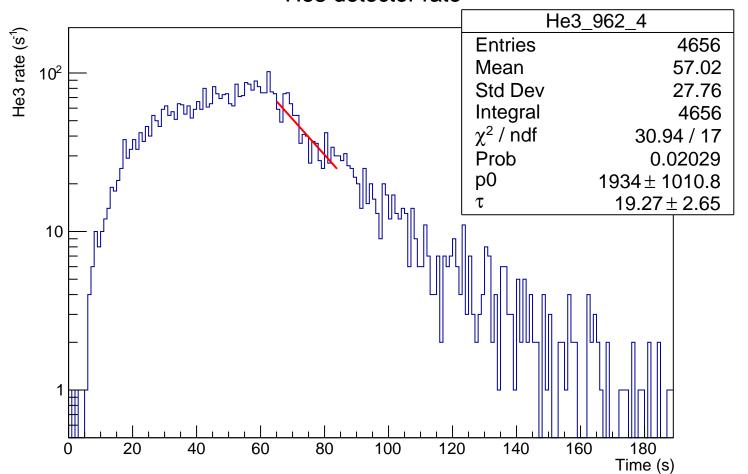
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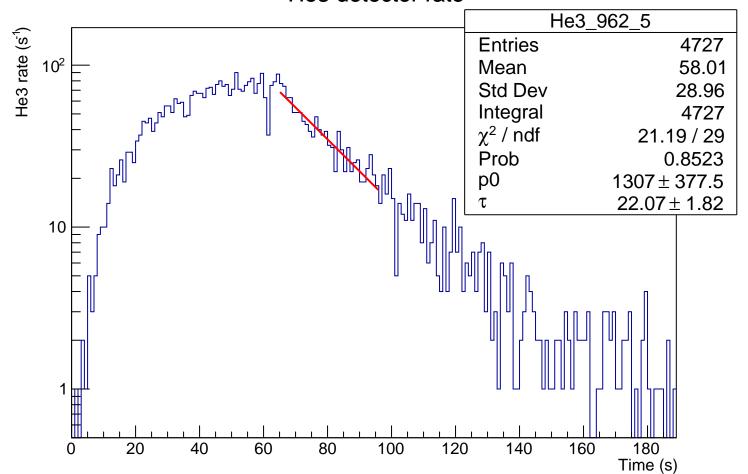


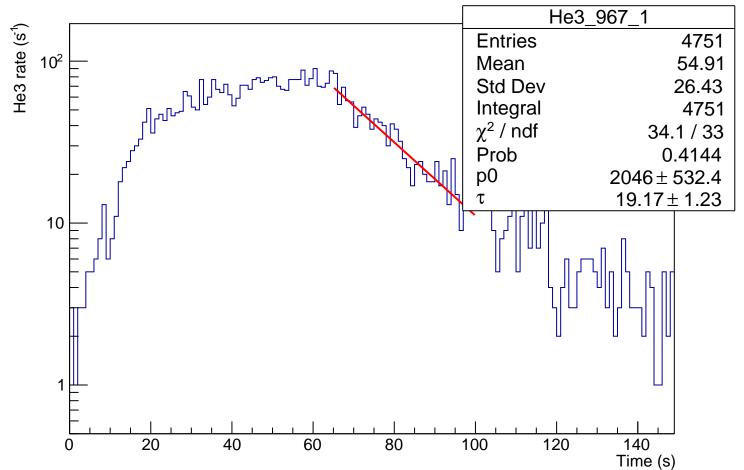
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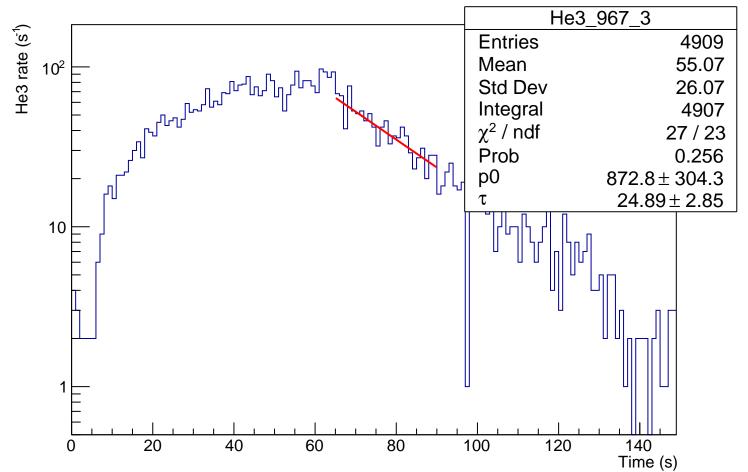


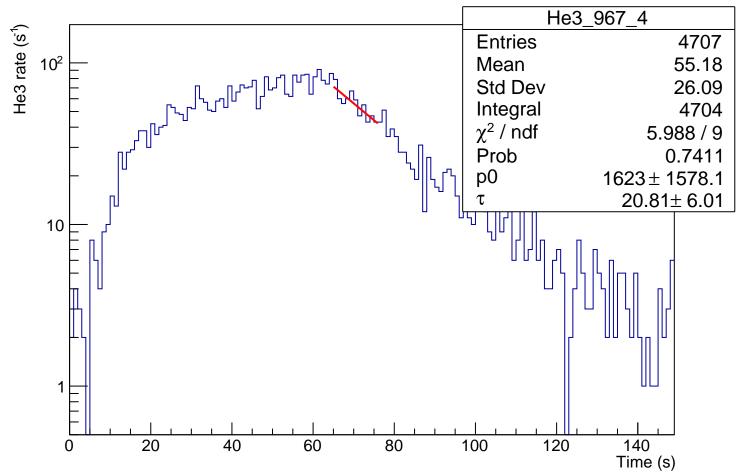


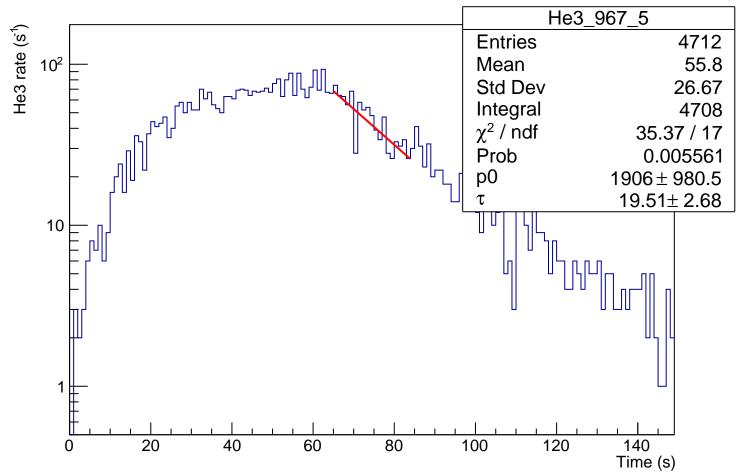


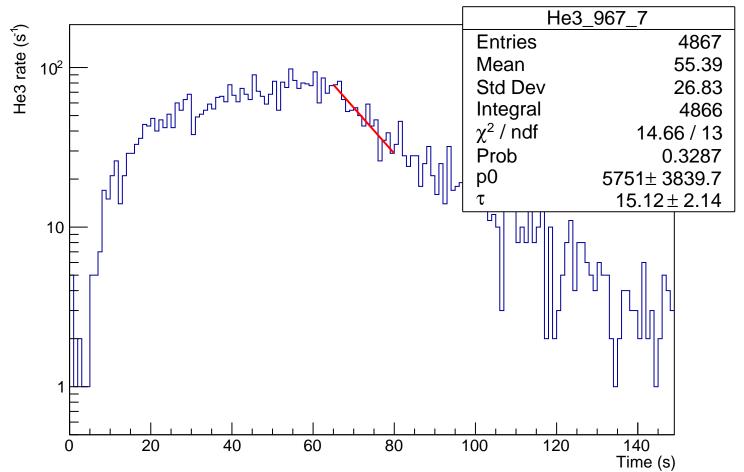


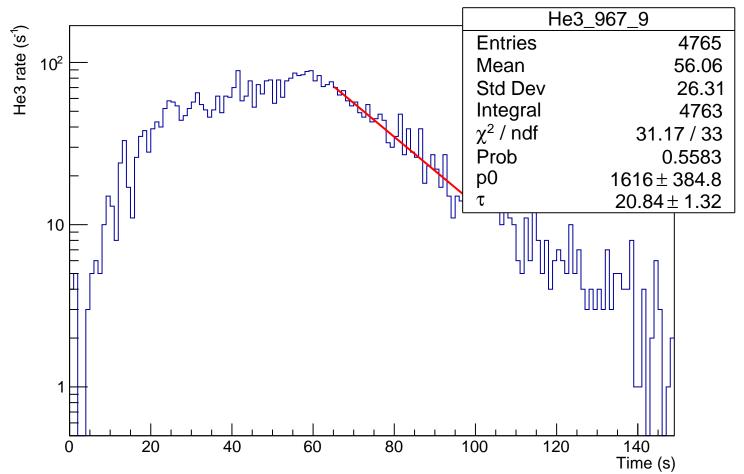


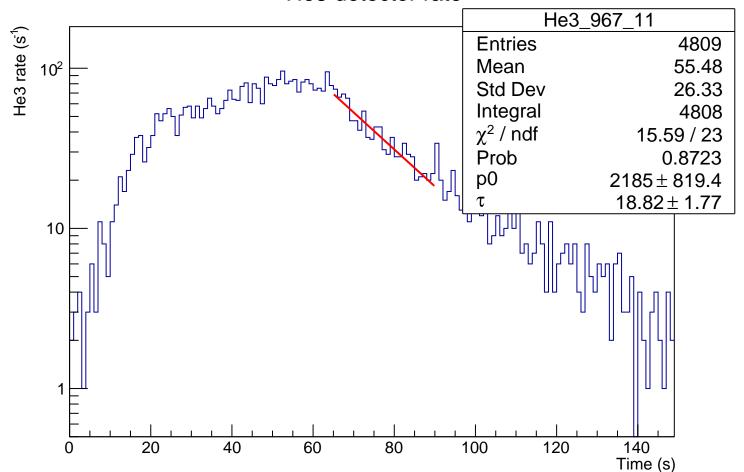


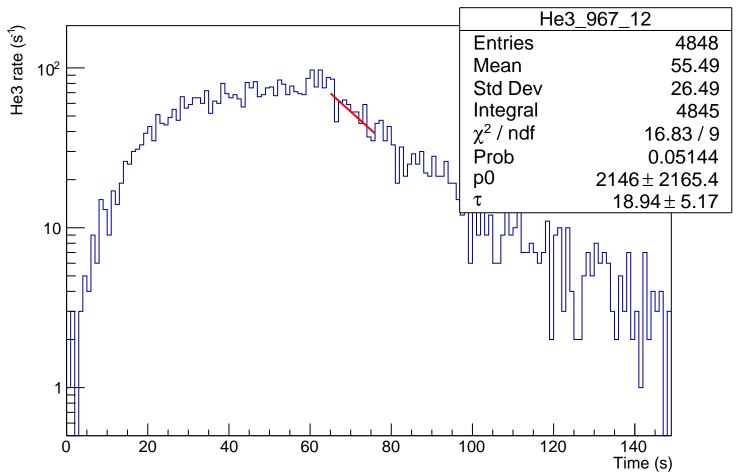


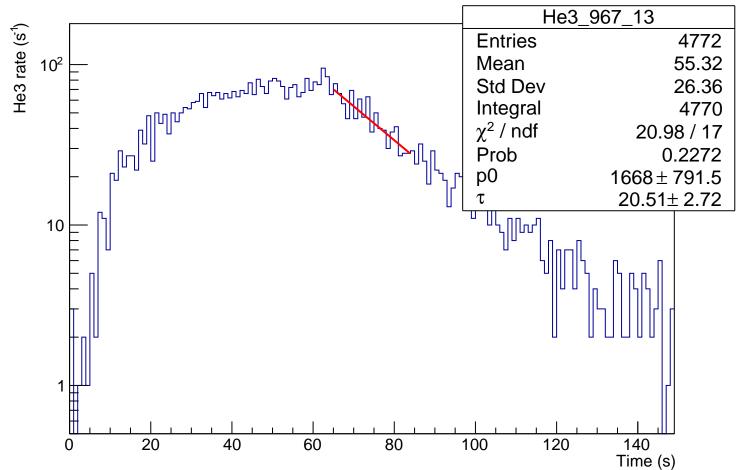


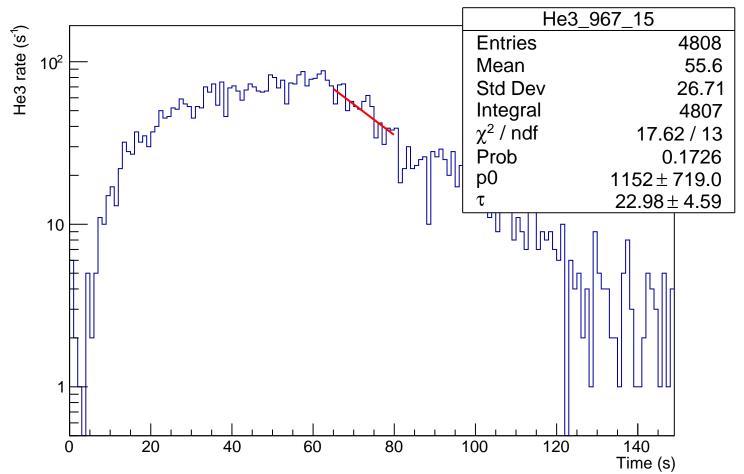


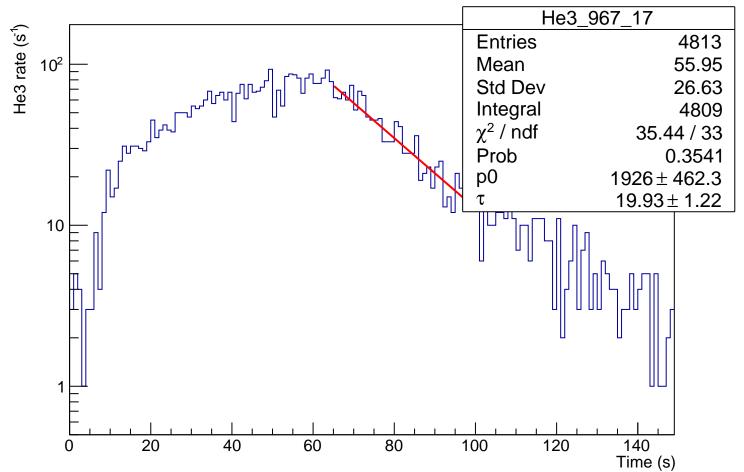


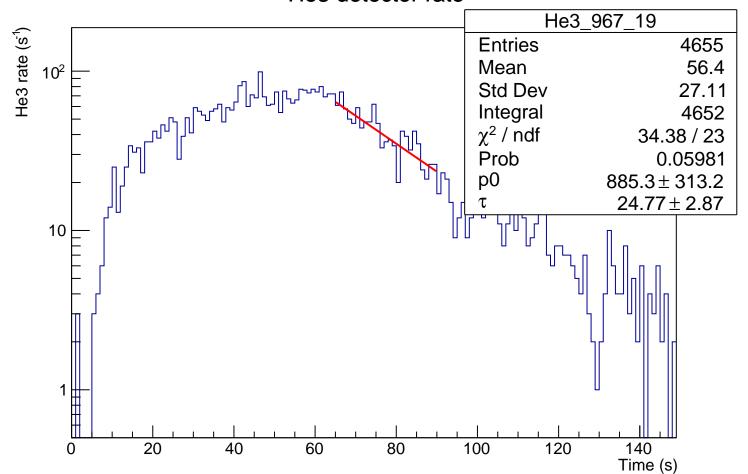


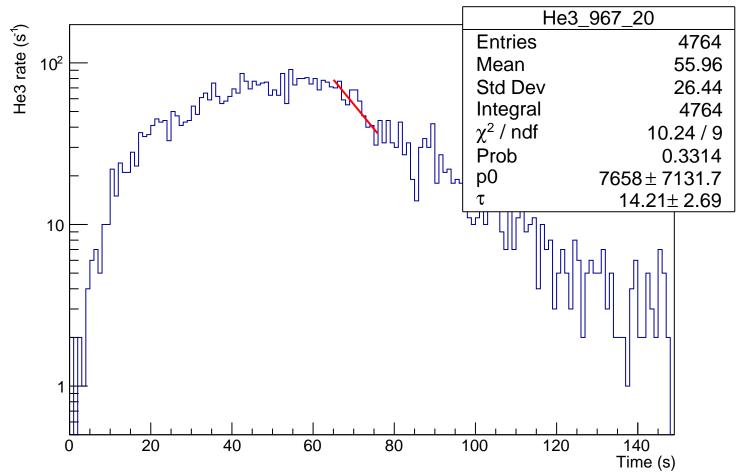


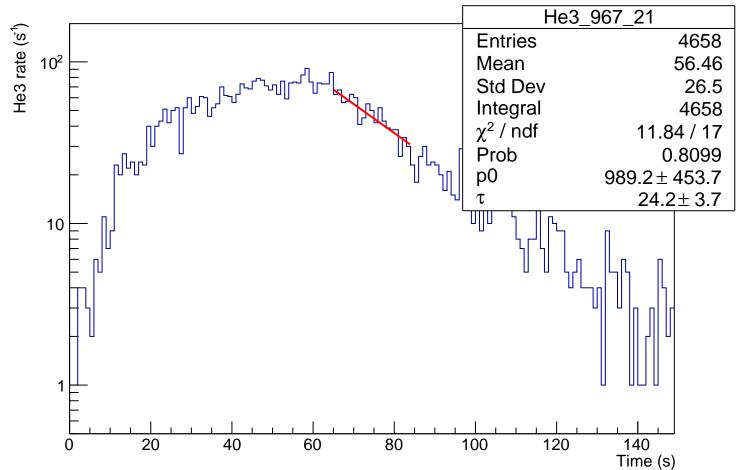


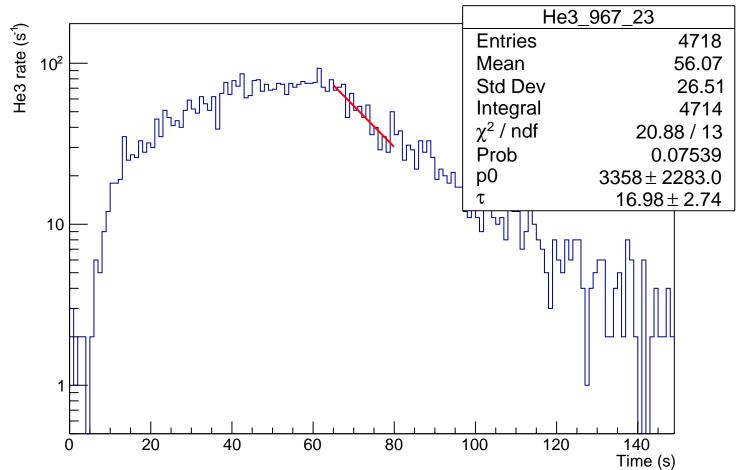


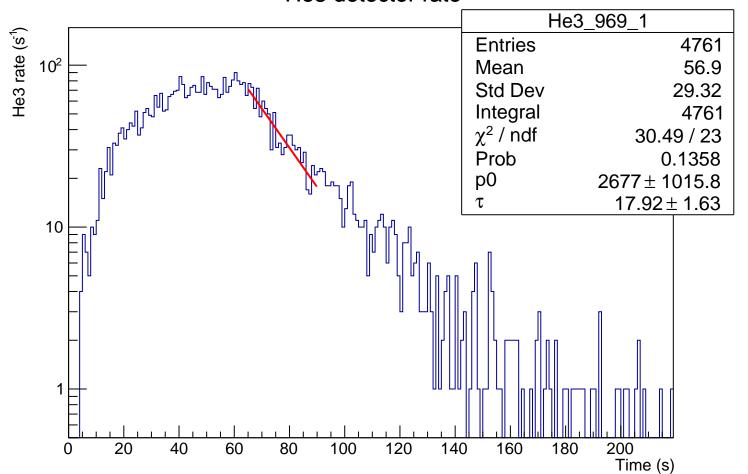


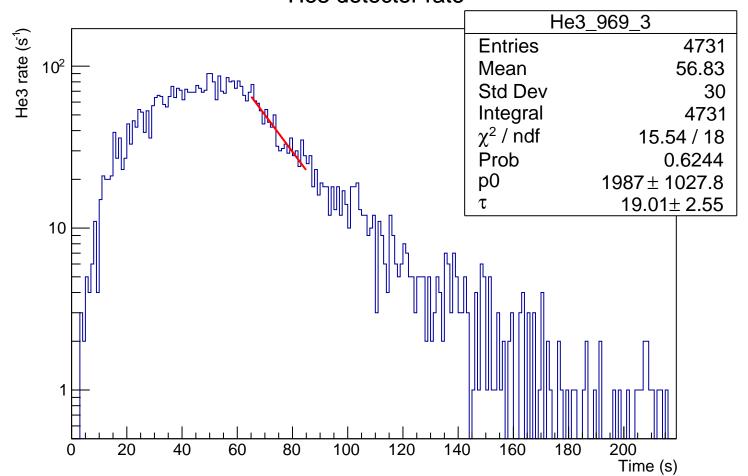


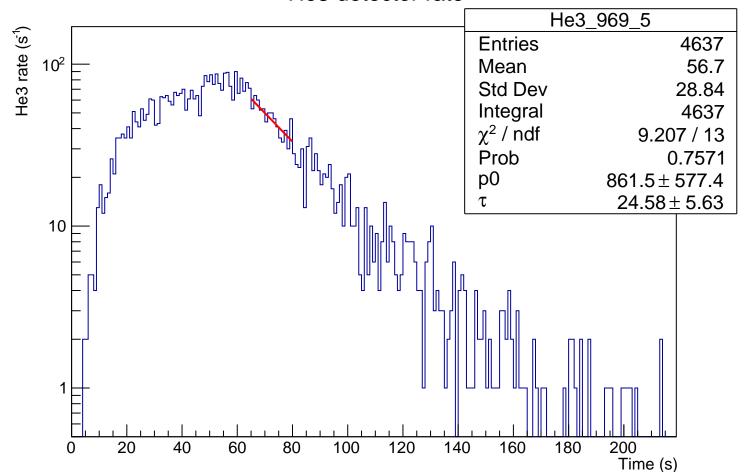


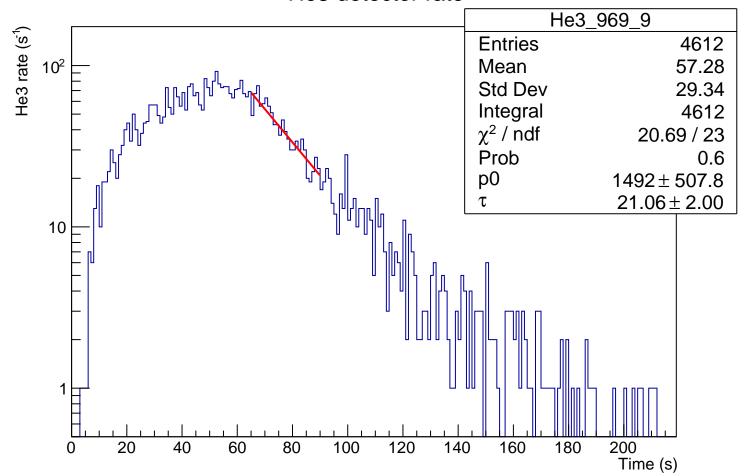


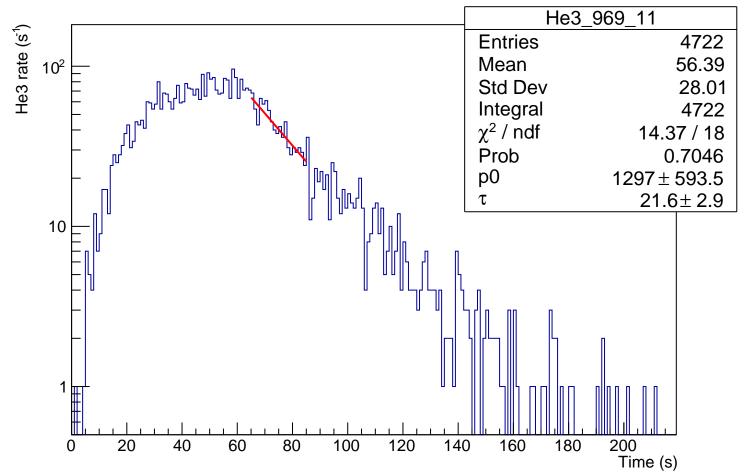


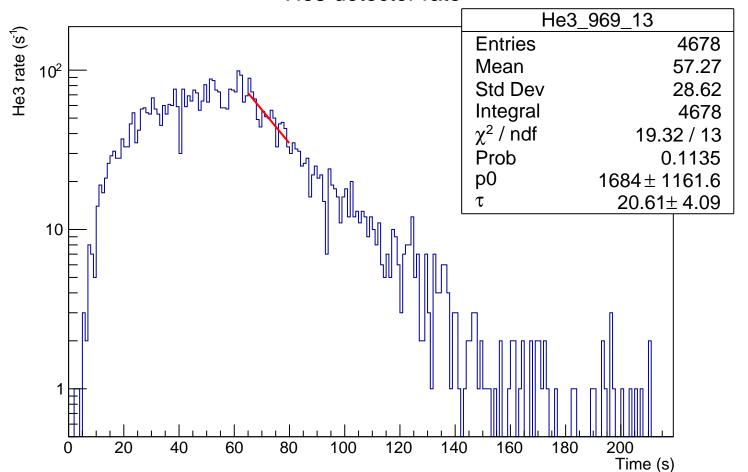


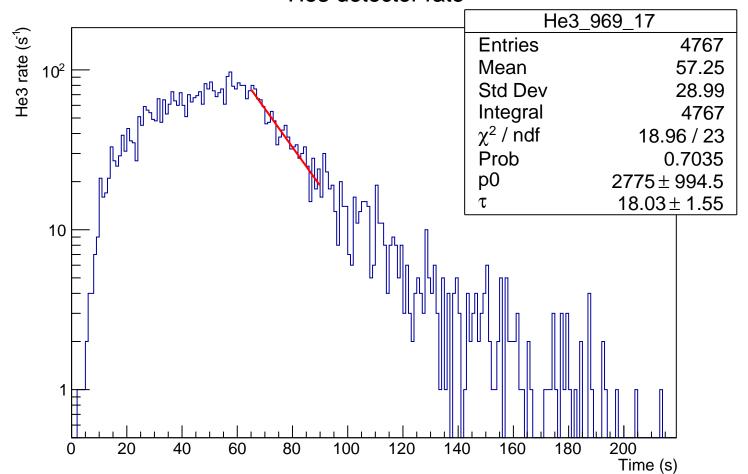


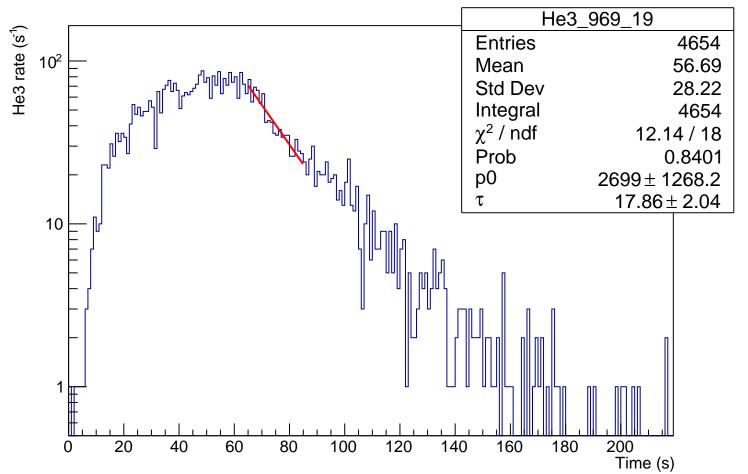


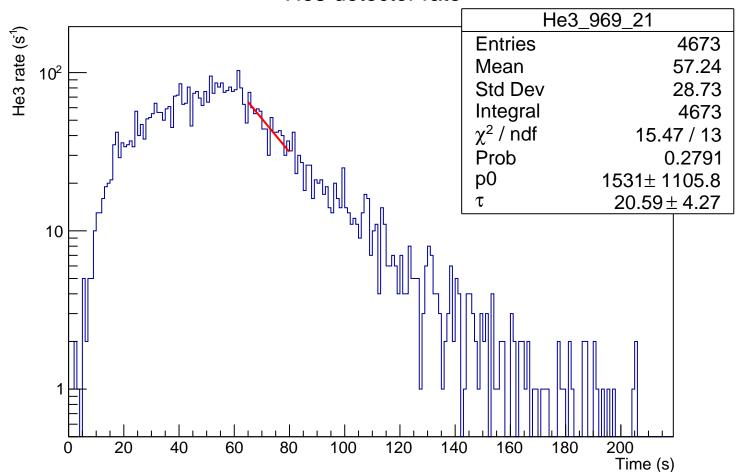


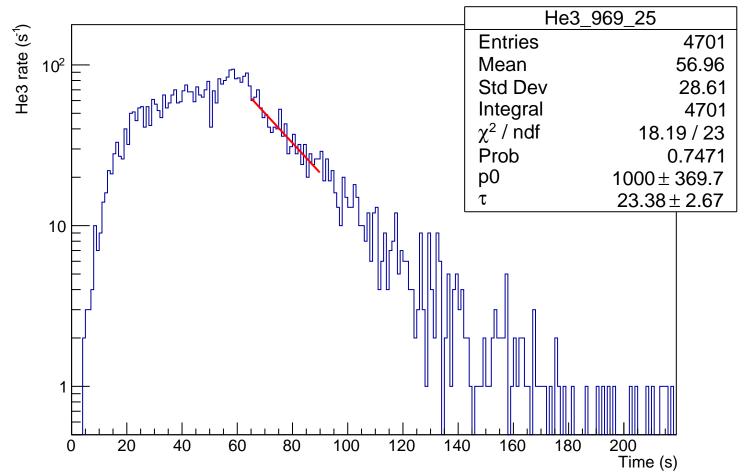


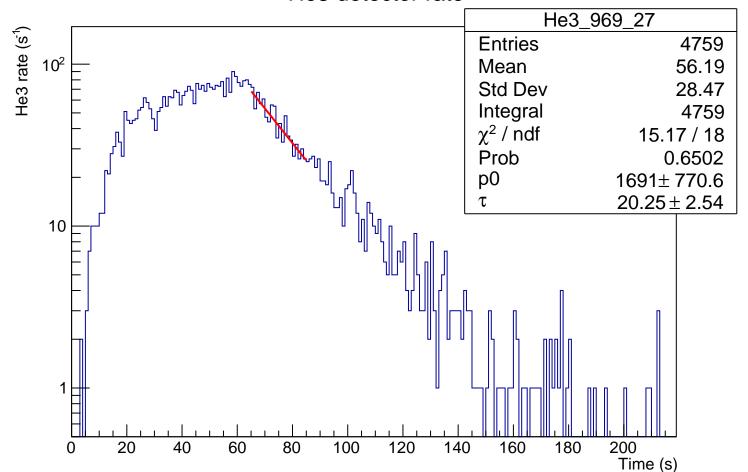


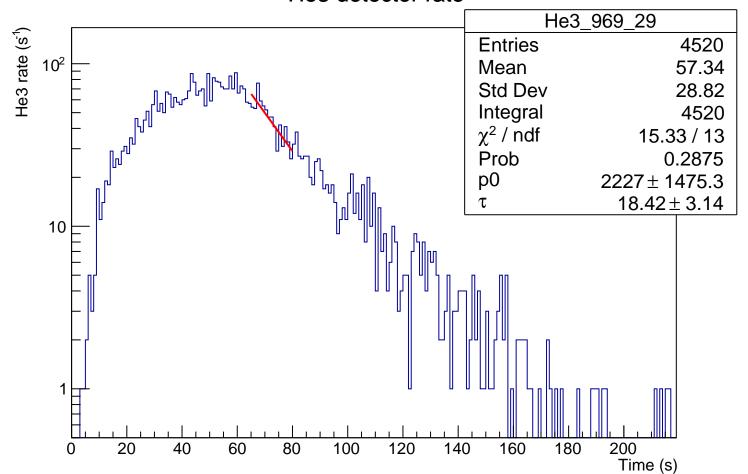


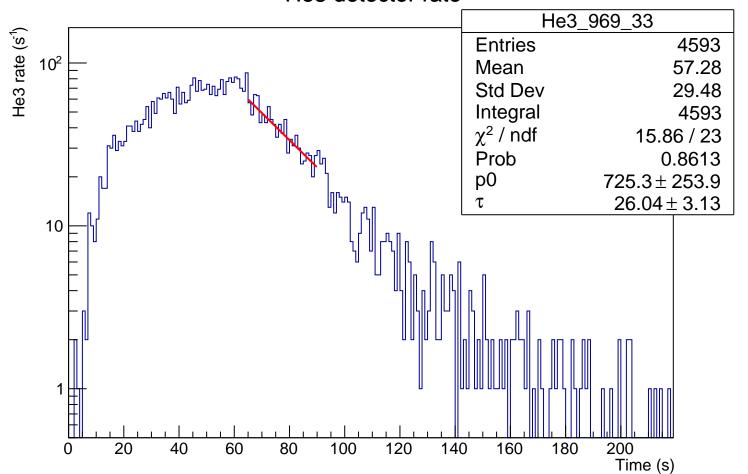


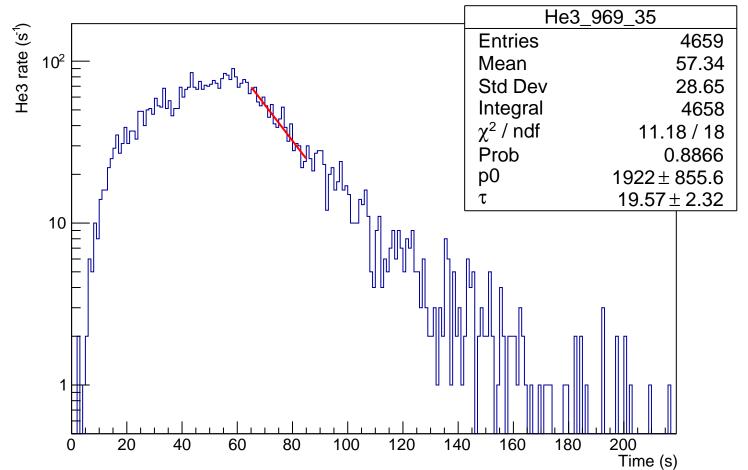


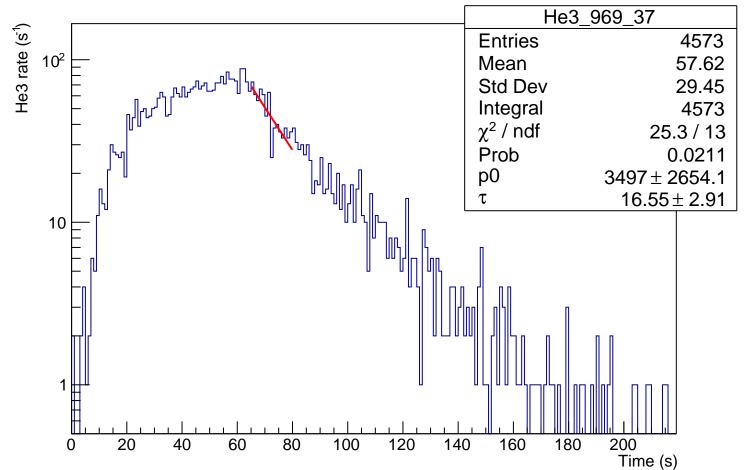












## Average lifetime from He3 data:

 $\tau$  = 20.1183362033 +/- 0.0150720482394 s