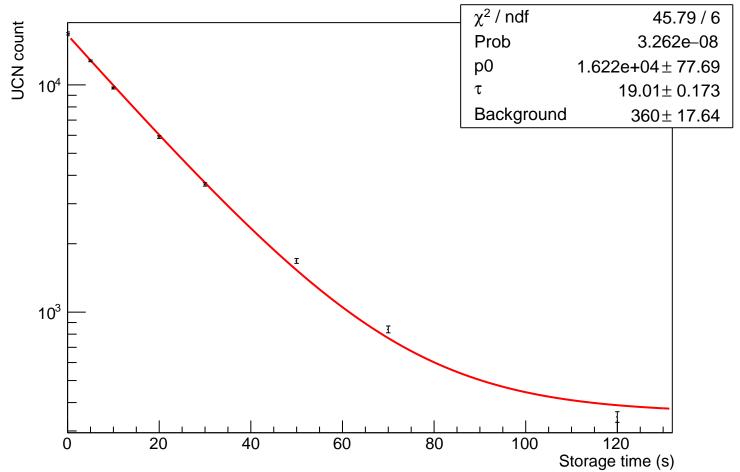
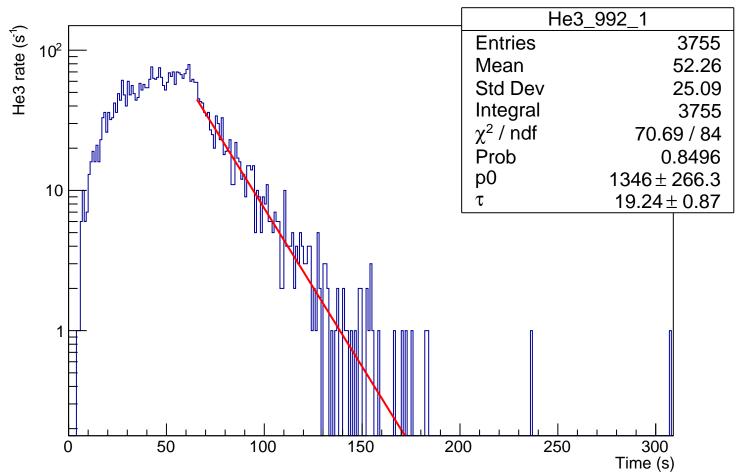


TCN18-087 (UGD22+19, IV1-IV3) (single exponential fit + background, unnormalized)



He3 detector rate



He3 detector rate He3_992_3 He3 rate (\bar{s}^1) **Entries** 3709 10^{2} Mean 51.45 Std Dev 24.56 Integral 3709 χ^2 / ndf 62.95 / 62 Prob 0.4426 p0 2308 ± 467.1 16.87 ± 0.71 10

150

200

50

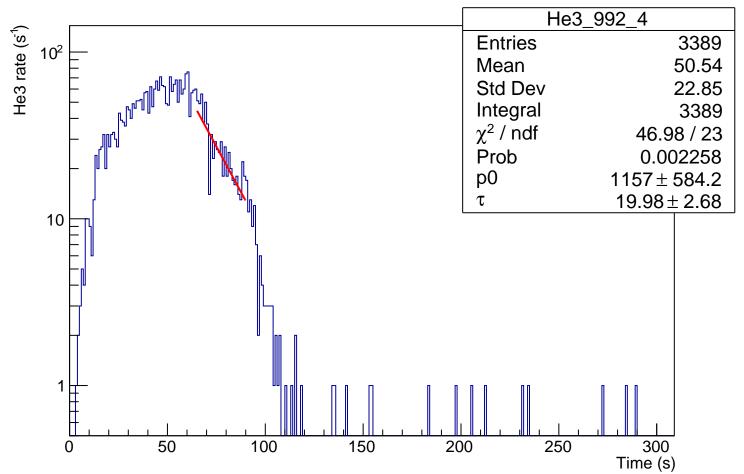
100

250

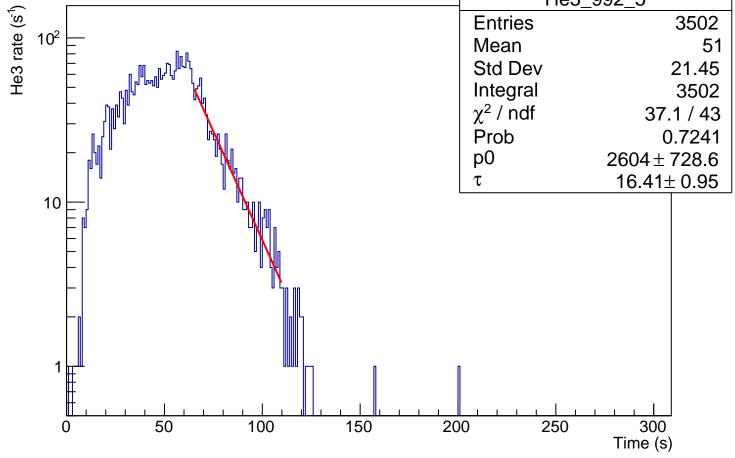
300

Time (s)

He3 detector rate



He3 detector rate He3_992_5 He3 rate (s^{-1}) **Entries** 3502 10^{2} Mean 51 Std Dev 21.45 Integral 3502 χ^2 / ndf 37.1 / 43 Prob 0.7241 p0 2604 ± 728.6 16.41 ± 0.95 10



He3 detector rate He3_992_6 He3 rate (\bar{s}^1) **Entries** 3426 10^{2} Mean 48.52 Std Dev 20.73 Integral 3426 χ^2 / ndf 31.47 / 13 Prob 0.002876 p0 3869 ± 3594.7 14.98 ± 2.92 10 300 50 100 150 200 250

Time (s)

τ = 17.4790186958 +/- 0.0455381248836 s

Average lifetime from He3 data: