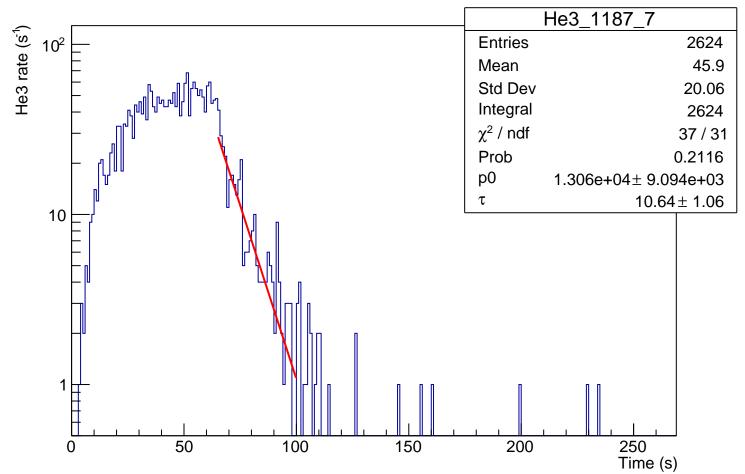


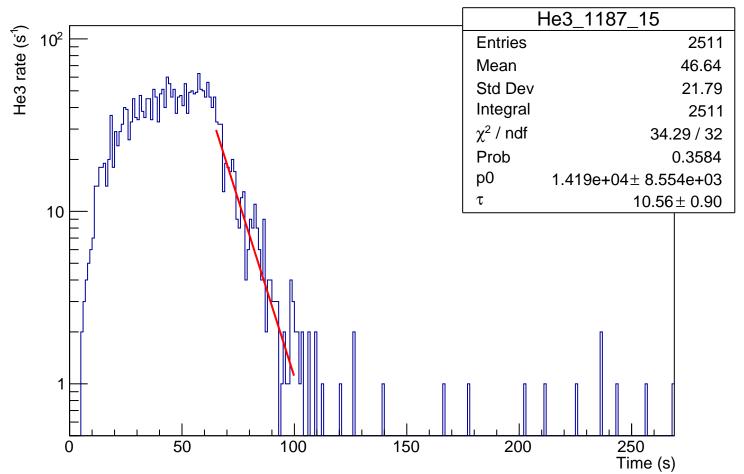
He3 detector rate He3\_1187\_1 He3 rate  $(\bar{s}^1)$  $10^{2}$ **Entries** 2528 Mean 45.86 Std Dev 21.15 Integral 2528  $\chi^2$  / ndf 17.46 / 13 Prob 0.1792 p0  $1347 \pm 1408.6$  $15.95 \pm 3.72$ 10 200 50 100 150 250

Time (s)



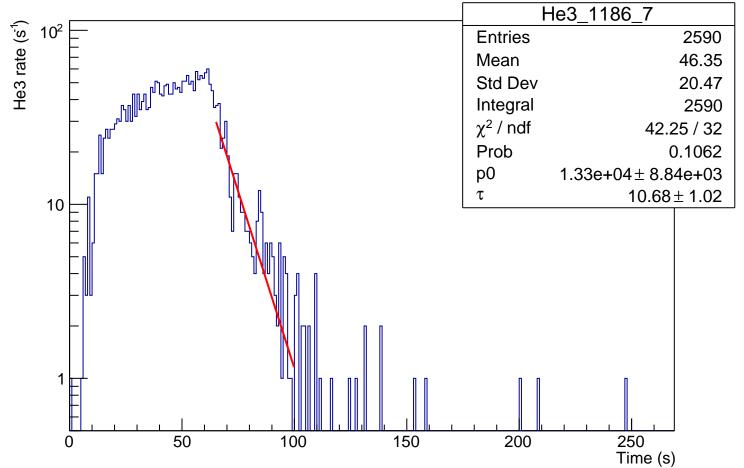
He3 detector rate He3\_1187\_9 He3 rate (s¹)  $10^{2}$ **Entries** 2644 45.63 Mean Std Dev 19.26 Integral 2644  $\chi^2$  / ndf 19.01 / 13 Prob 0.1229 p0  $8313 \pm 10317.1$  $11.8 \pm 2.4$ 10 100 50 150 200 250

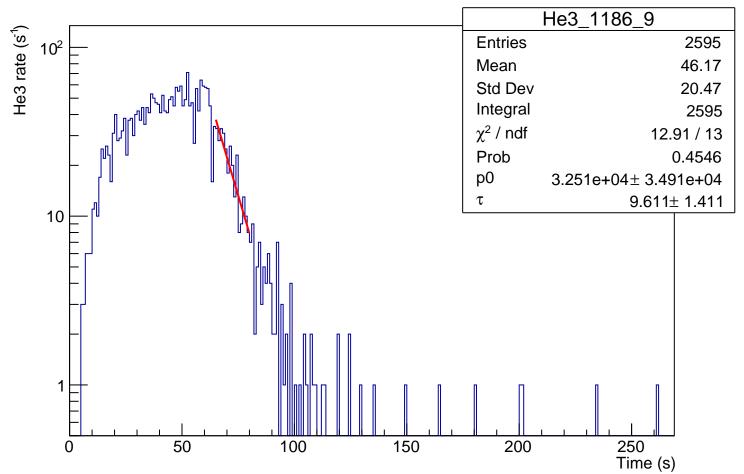
Time (s)



He3 detector rate He3\_1186\_1 He3 rate  $(\bar{s}^1)$  $10^{2}$ **Entries** 2568 Mean 45.76 Std Dev 20.99 Integral 2568  $\chi^2$  / ndf 20.61 / 13 Prob 0.08104 p0  $7.214e+04\pm9.923e+04$  $8.504 \pm 1.448$ 10 100 50 150 200 250

Time (s)





## Average lifetime from He3 data:

 $\tau$  = 10.4031567139 +/- 0.0541129297783 s