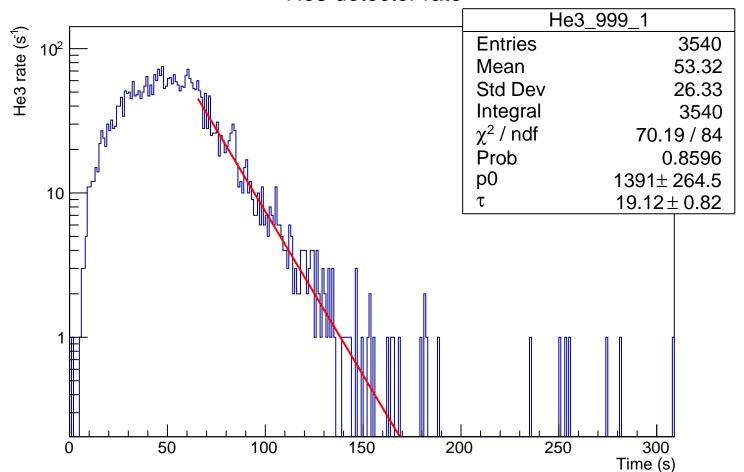


He3 detector rate



He3 detector rate He3\_999\_3 He3 rate  $(\bar{s}^1)$ **Entries** 3495  $10^{2}$ Mean 51.93 Std Dev 24.18 Integral 3495  $\chi^2$  / ndf 65.73 / 59 Prob 0.2551 p0  $1443 \pm 344.9$  $18.5 \pm 1.0$ 10

150

200

250

300

Time (s)

100

50

He3 detector rate He3\_999\_4 He3 rate (s¹) **Entries** 3478  $10^{2}$ 50.72 Mean Std Dev 21.5 Integral 3478  $\chi^2$  / ndf 39.45 / 23 Prob 0.0177 p0  $7110 \pm 2989.9$  $13.53 \pm 1.04$ 10 100 200 300 50 150 250

Time (s)

He3 detector rate He3\_999\_5 He3 rate  $(\bar{s}^1)$ **Entries** 3402  $10^{2}$ Mean 51.93 Std Dev 23.03 Integral 3402  $\chi^2$  / ndf 65.58 / 43 Prob 0.01484 p0  $4388 \pm 1444.9$  $14.73 \pm 0.92$ 10

150

200

300

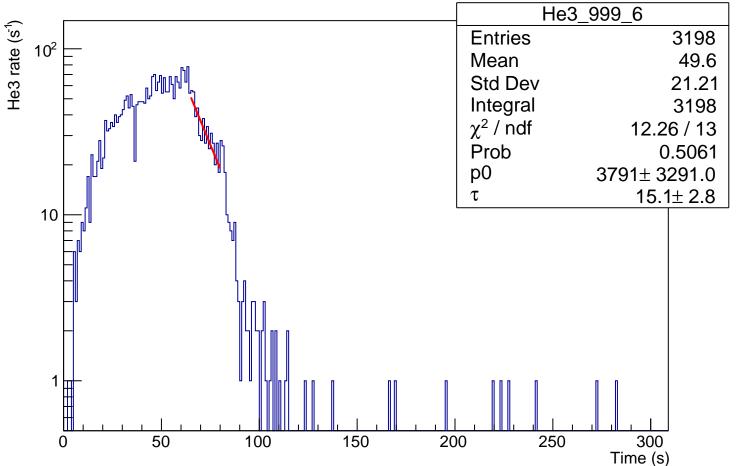
Time (s)

250

100

50

He3 detector rate



**Average lifetime from He3 data:** 

 $\tau$  = 16.6751491377 +/- 0.0447155346776 s