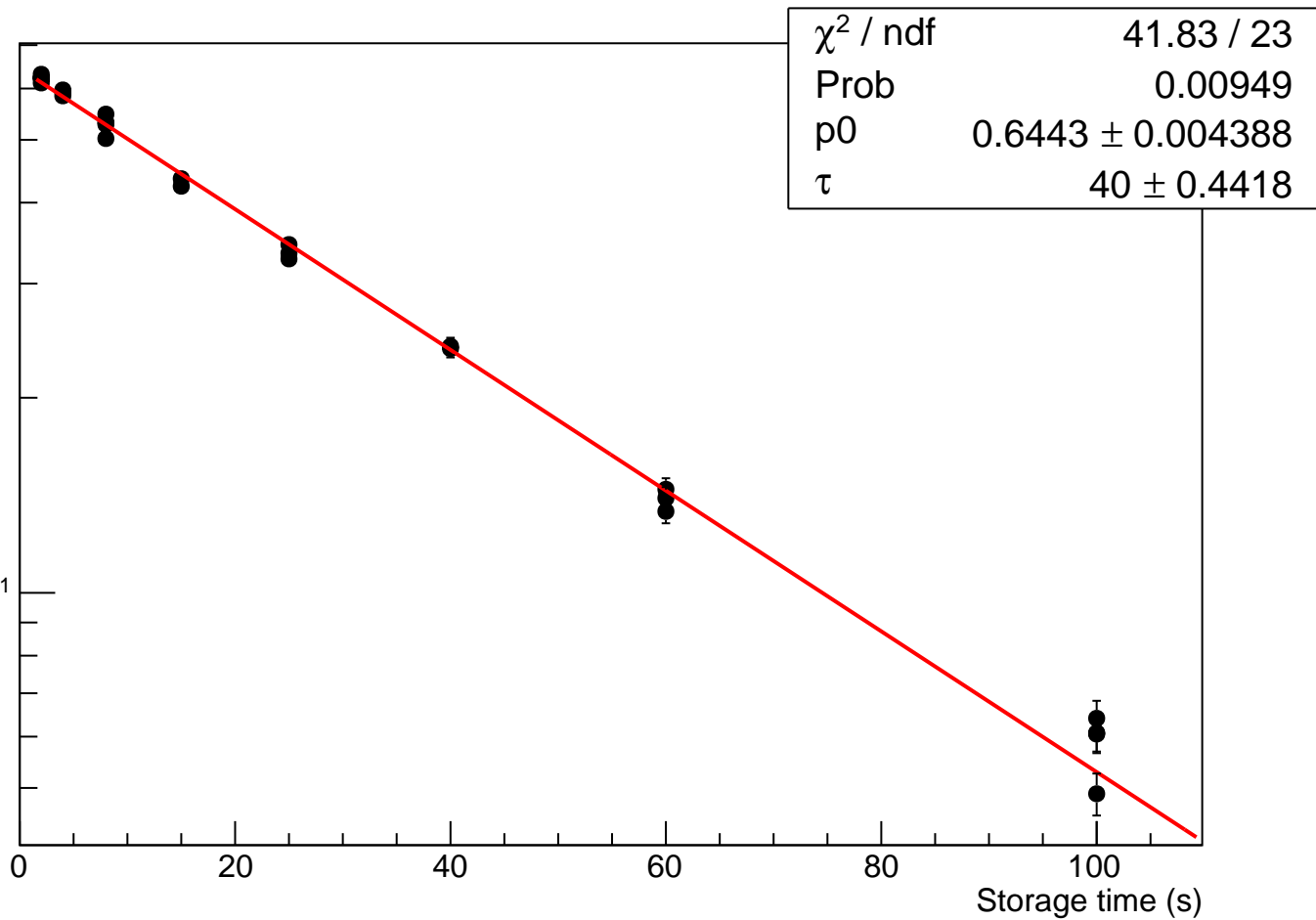
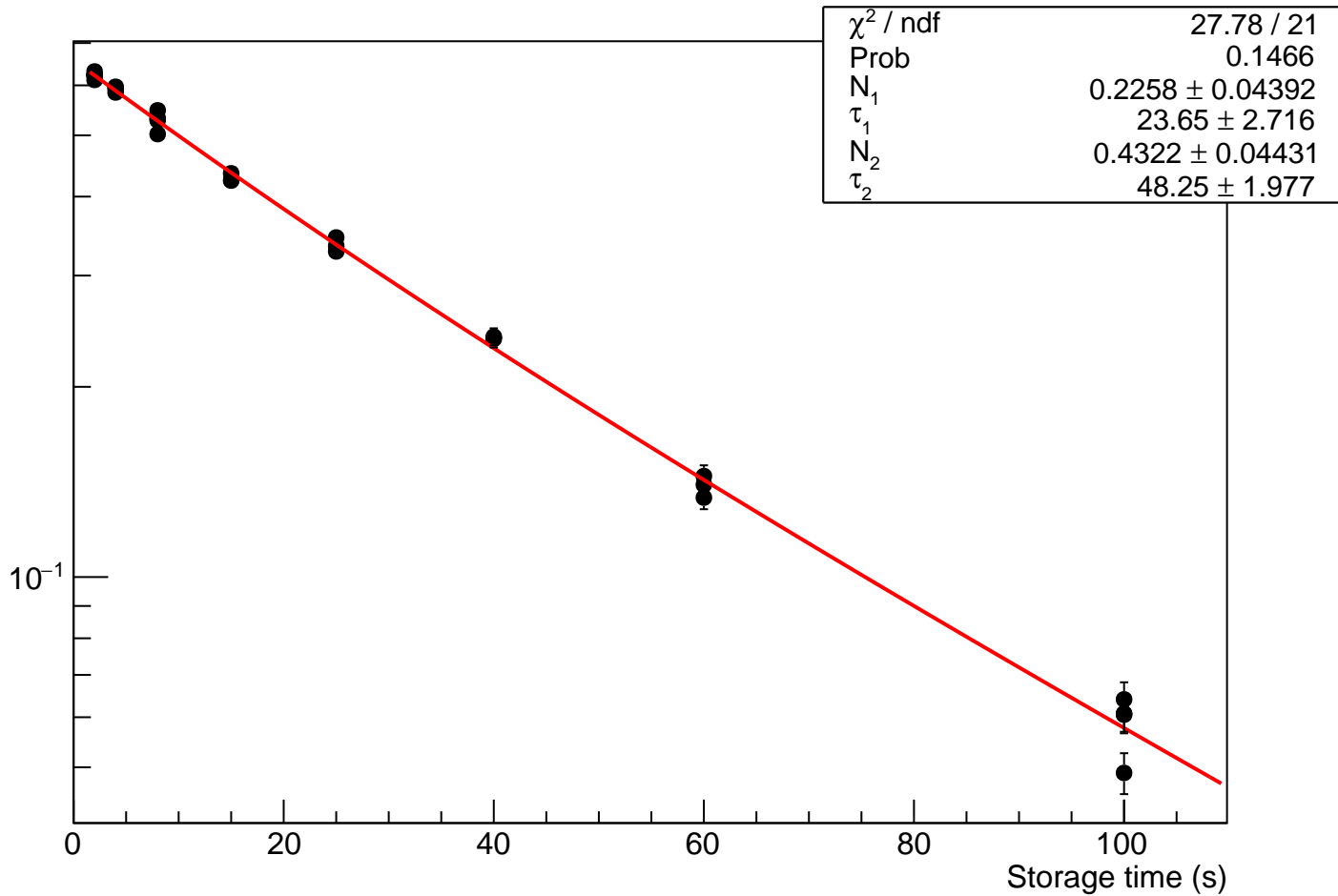


UCN-count-to-monitor ratio

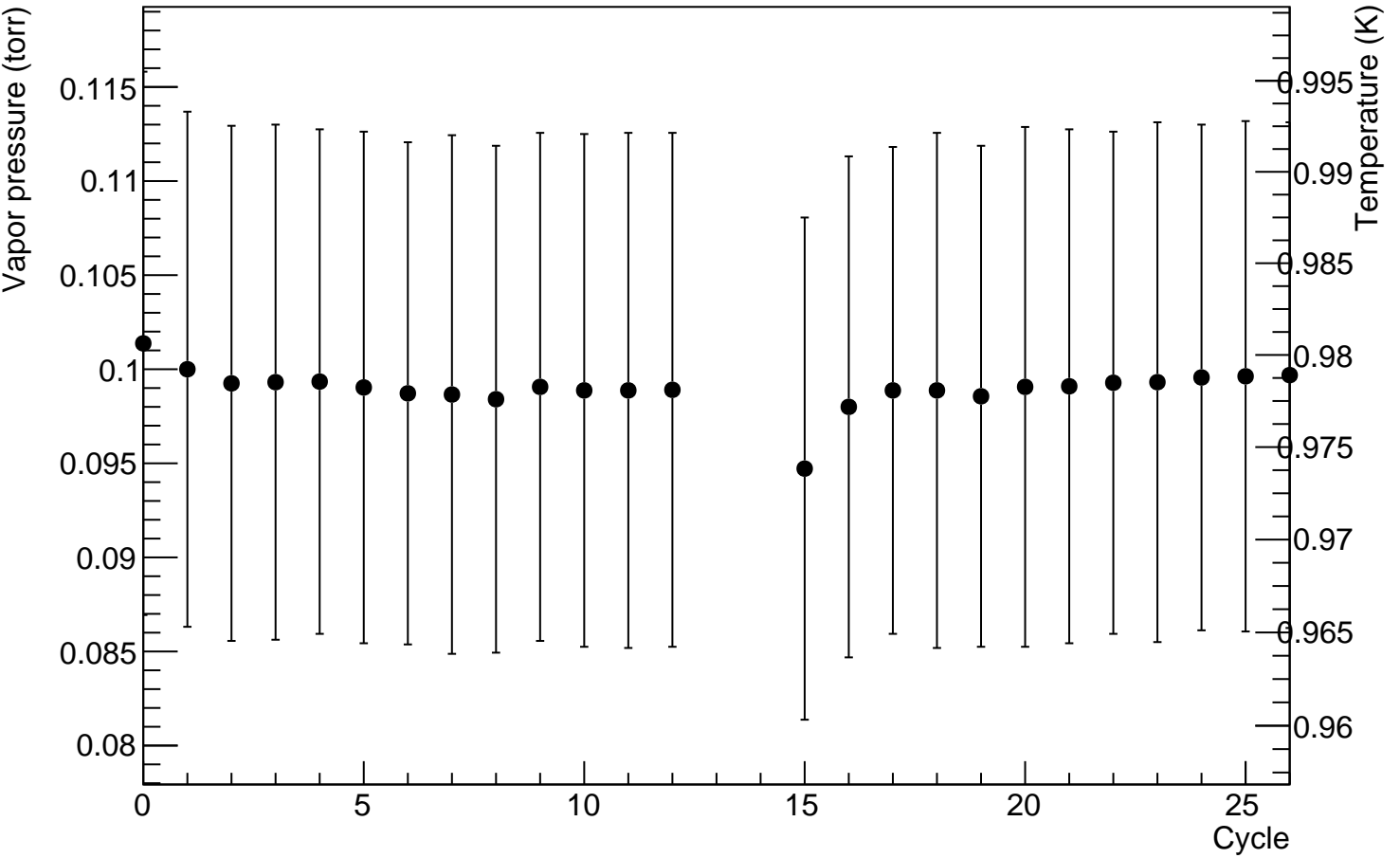
 $10^{-1}$ 

Storage time (s)

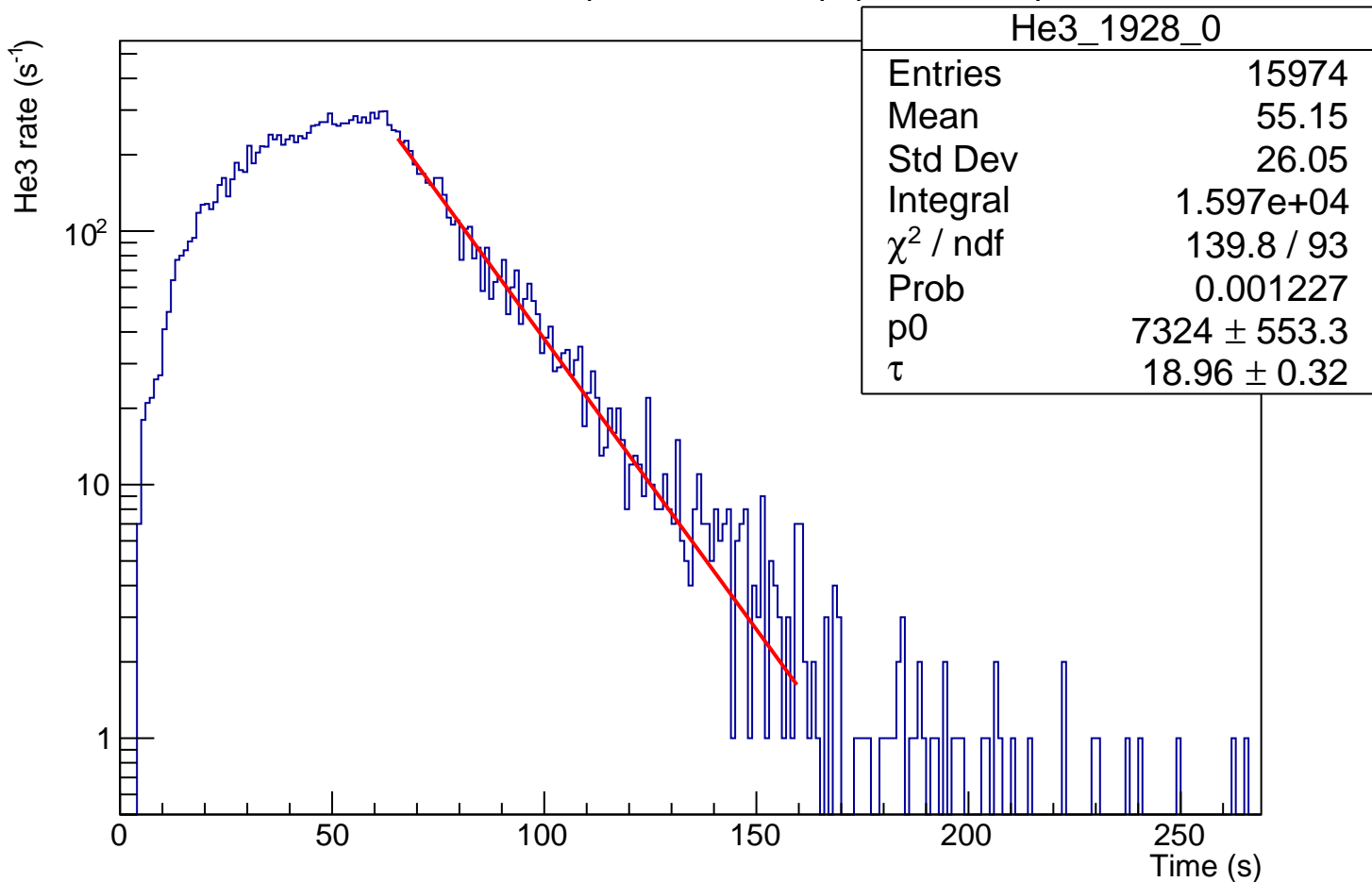
UCN-count-to-monitor ratio



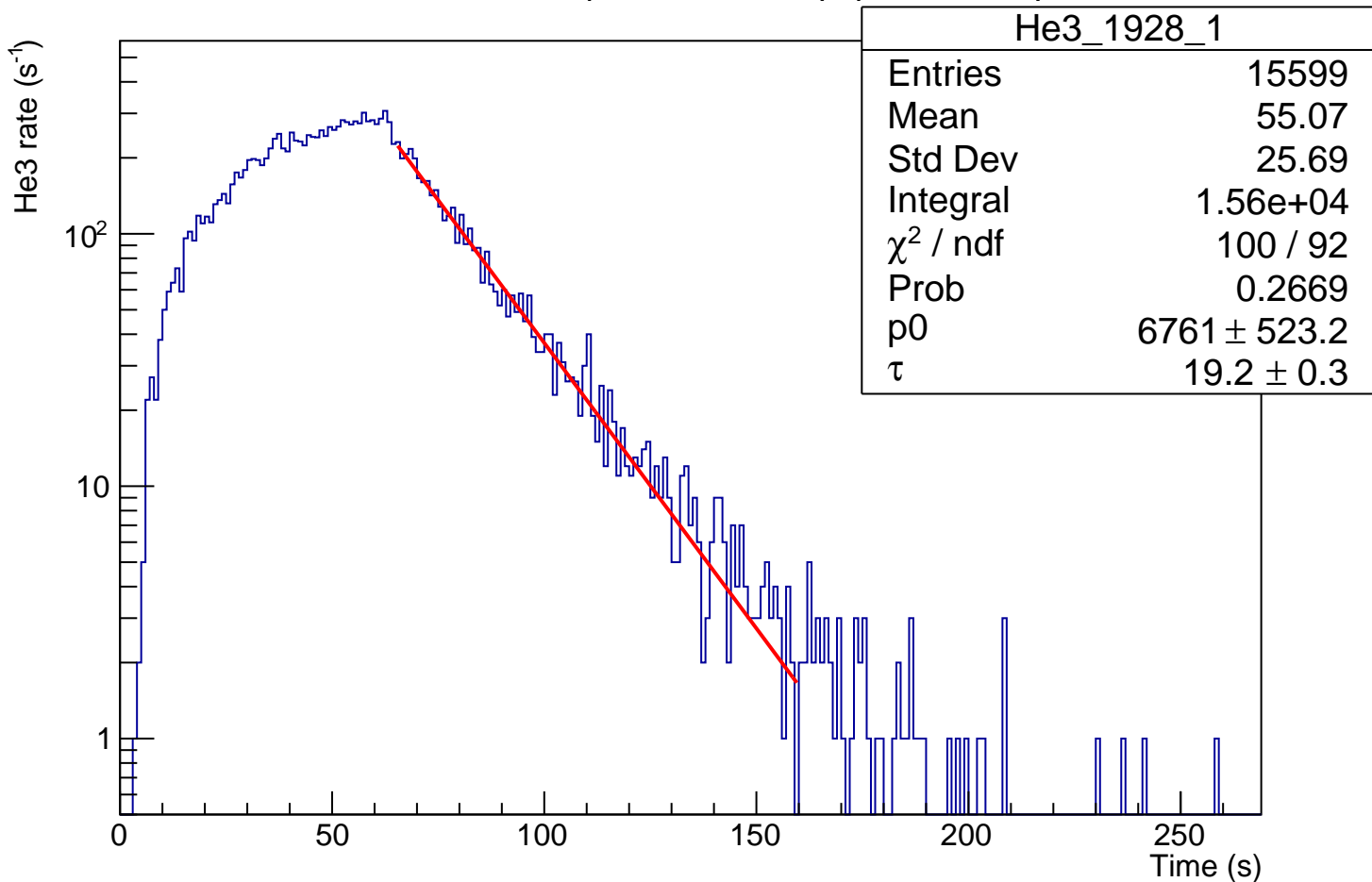
# Graph



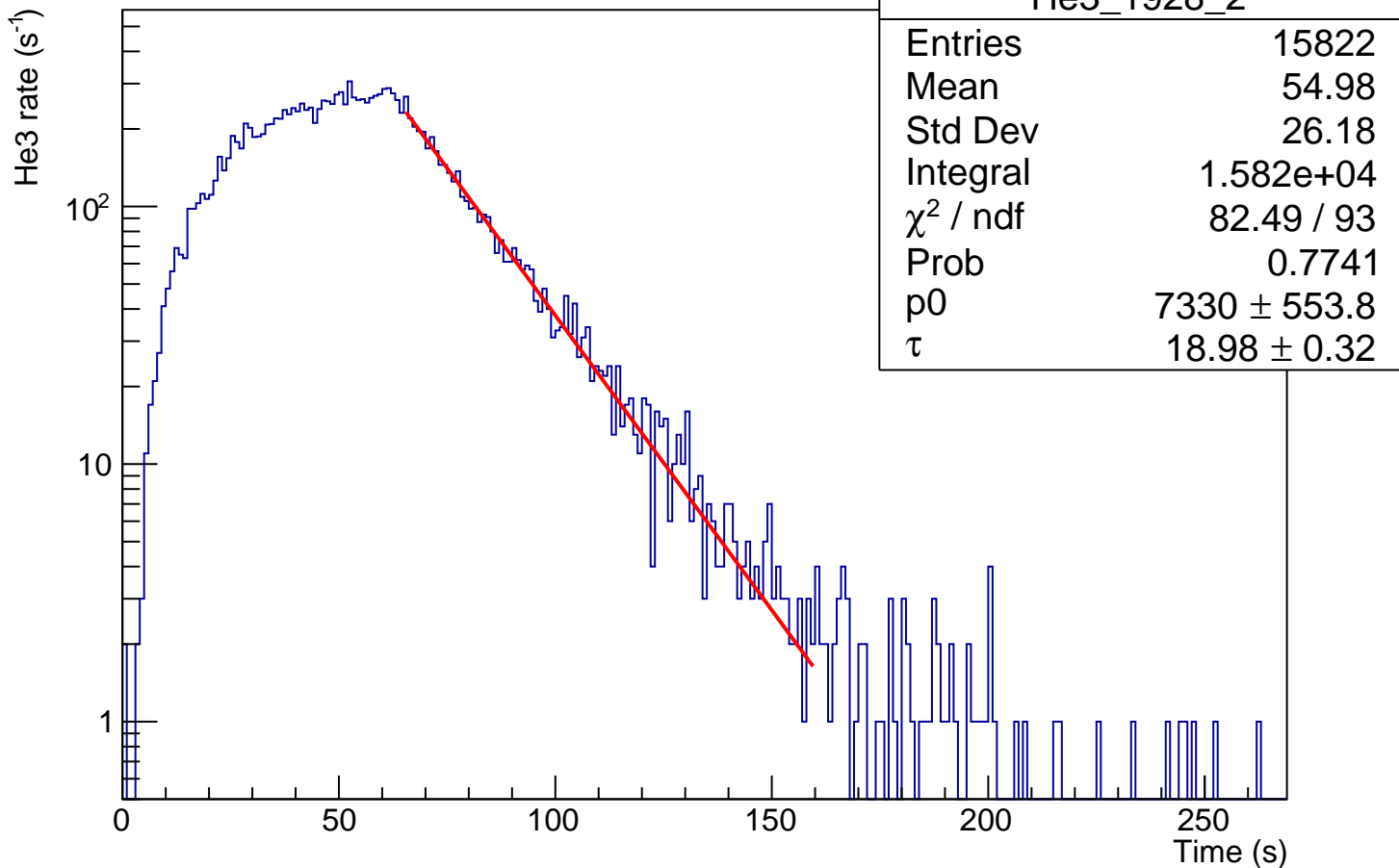
# TCN19-240 (UGD02+22) (He3 rate)



# TCN19-240 (UGD02+22) (He3 rate)



# TCN19-240 (UGD02+22) (He3 rate)



# TCN19-240 (UGD02+22) (He3 rate)

He3 rate ( $\text{s}^{-1}$ )

$10^2$

10

1

0

50

100

150

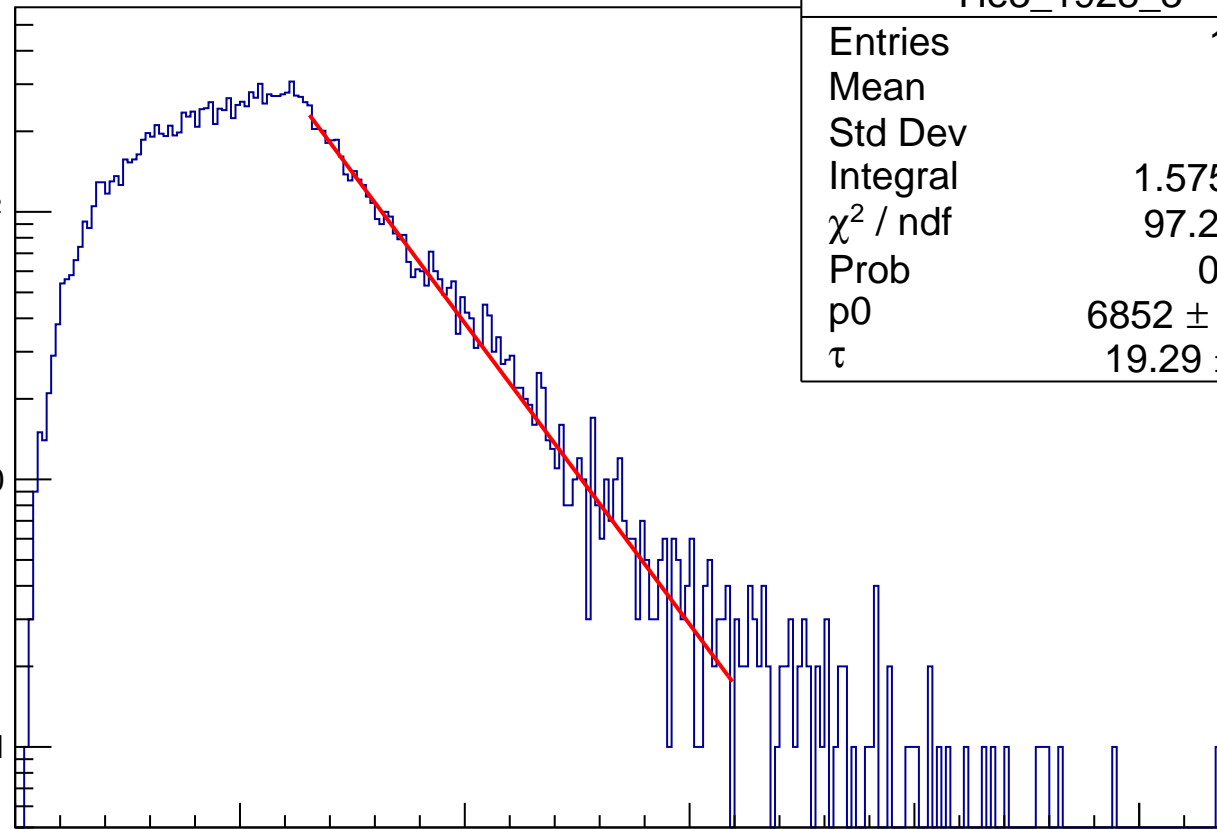
200

250

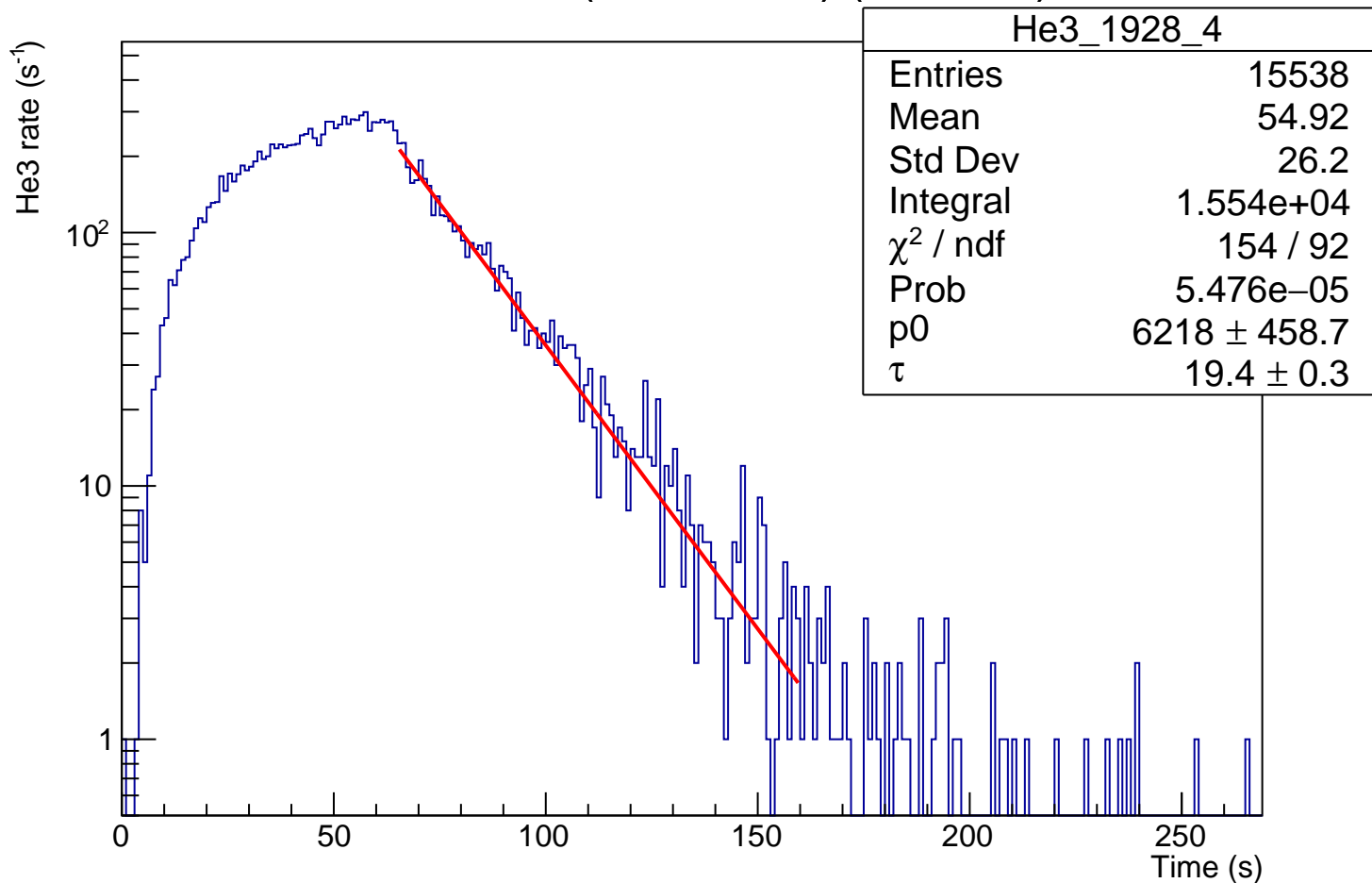
Time (s)

He3\_1928\_3

Entries	15749
Mean	55.36
Std Dev	26.33
Integral	$1.575\text{e}+04$
$\chi^2$ / ndf	97.23 / 92
Prob	0.3346
p0	$6852 \pm 490.9$
$\tau$	$19.29 \pm 0.31$



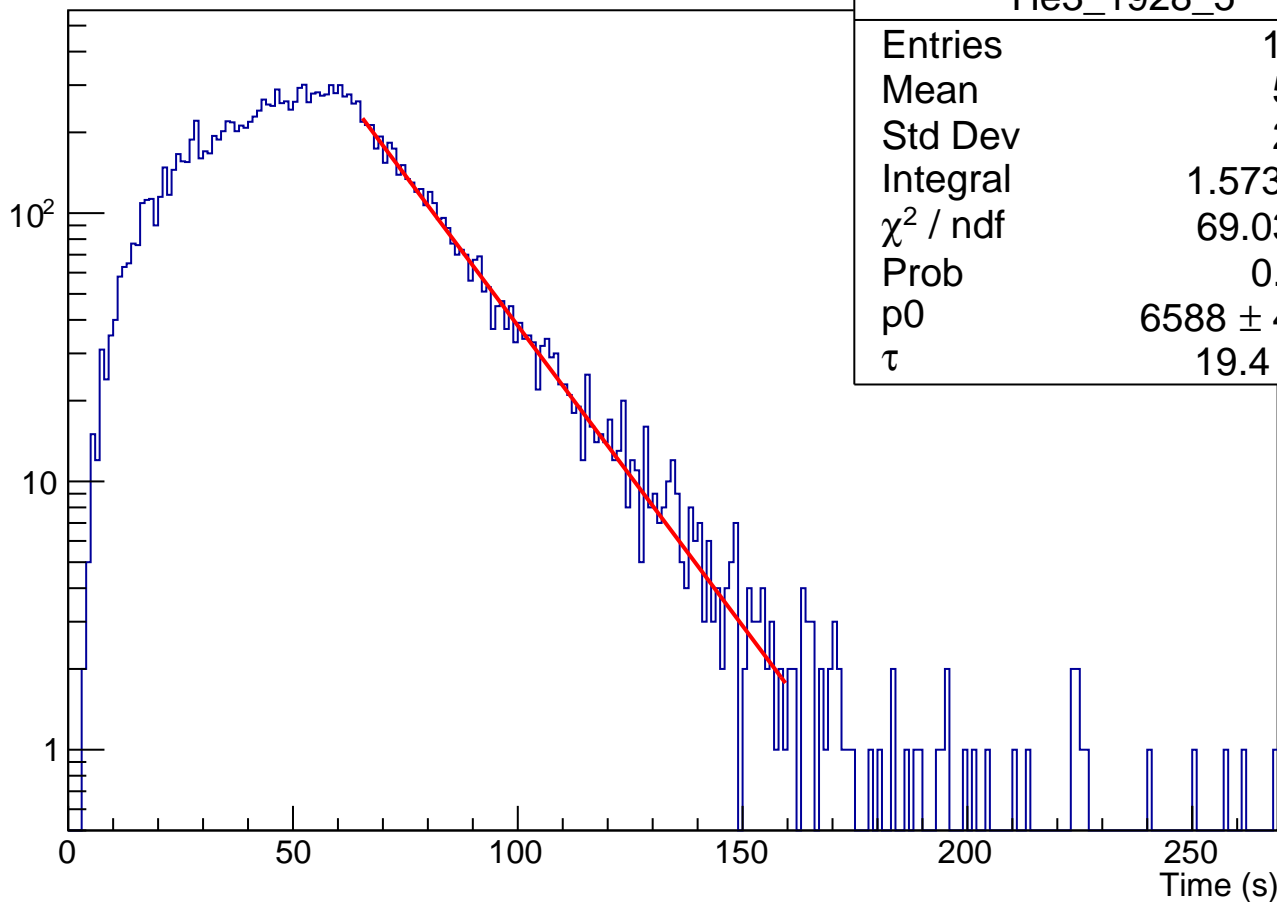
# TCN19-240 (UGD02+22) (He3 rate)





# TCN19-240 (UGD02+22) (He3 rate)

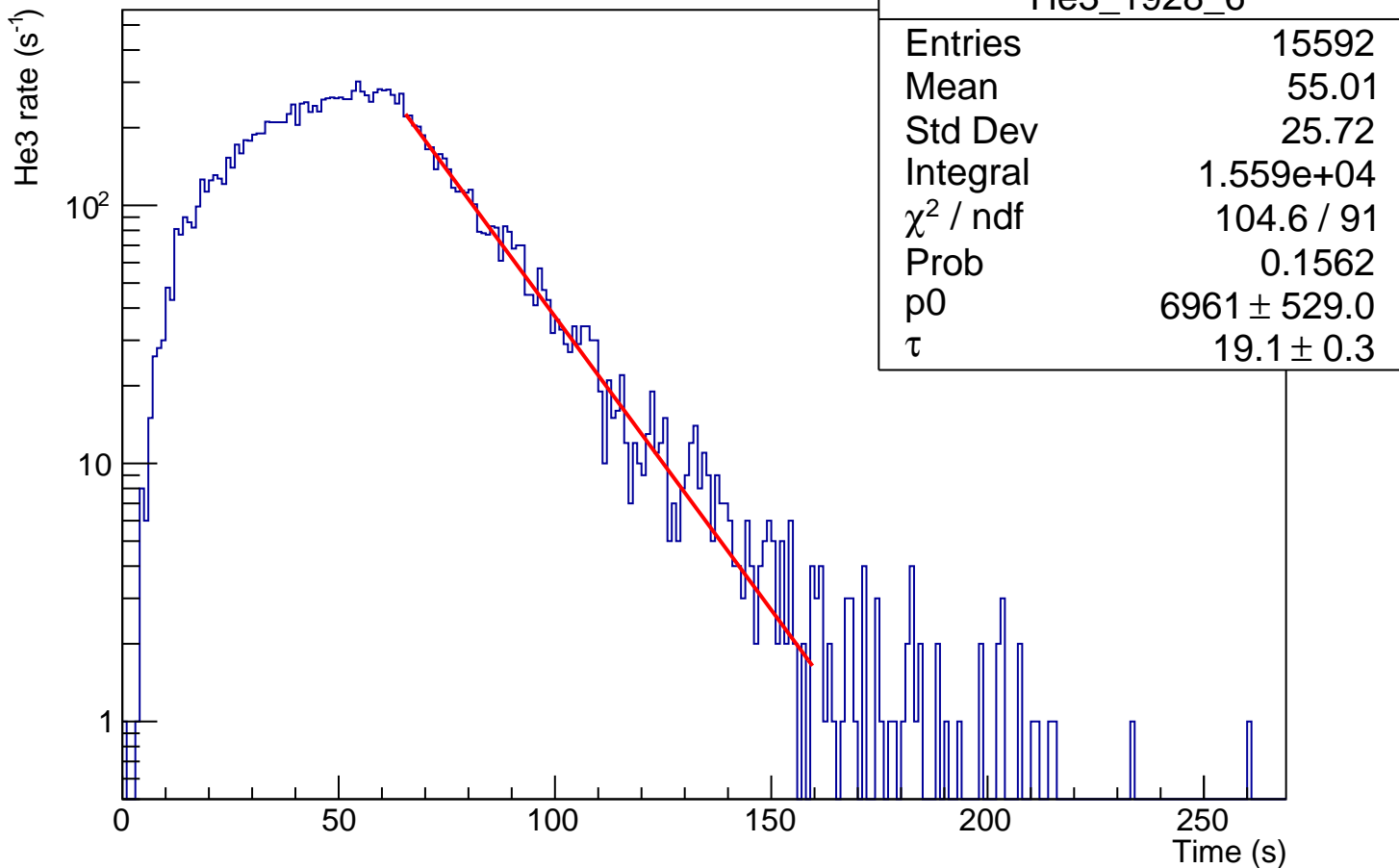
He3 rate ( $\text{s}^{-1}$ )



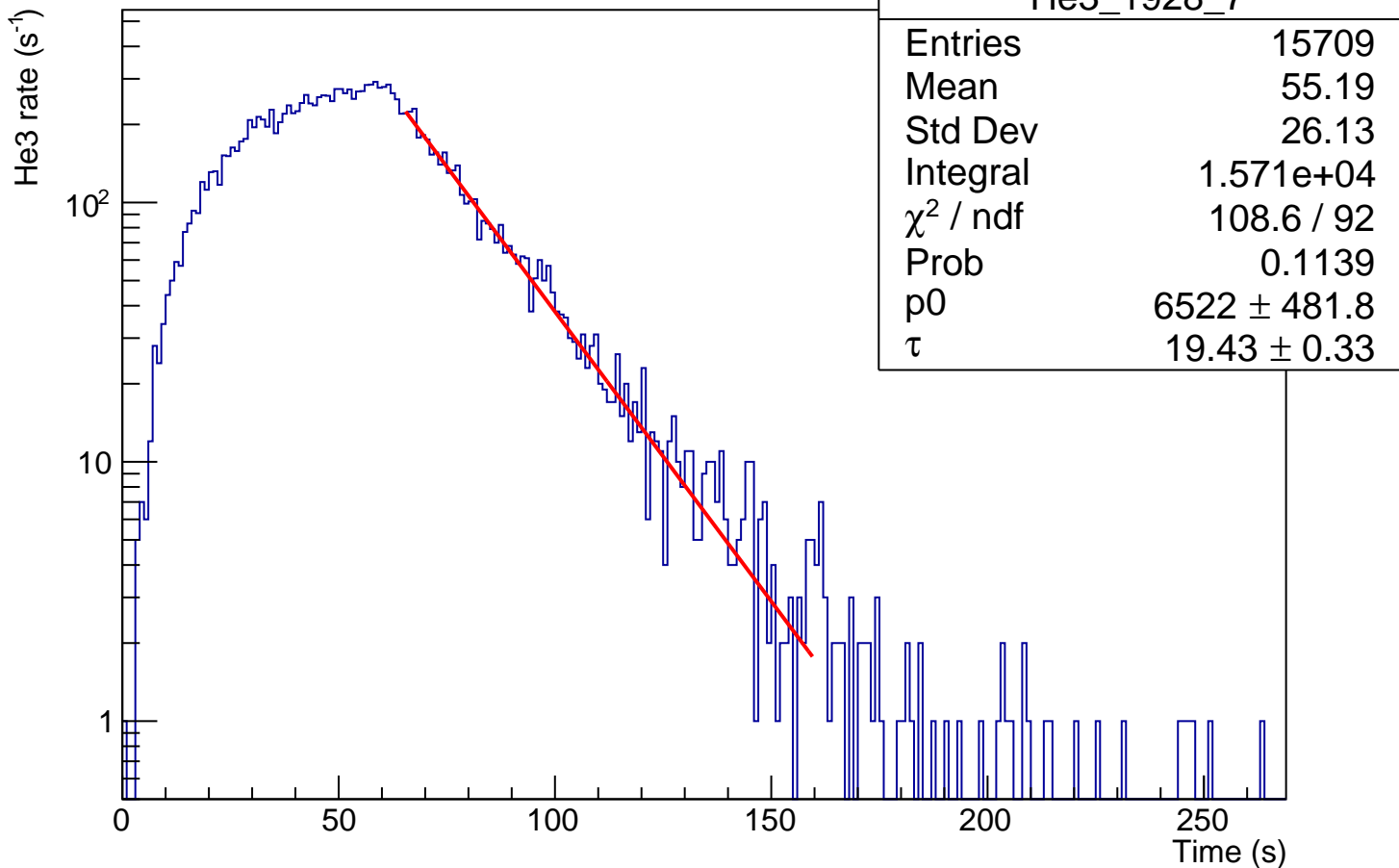
He3\_1928\_5

Entries	15732
Mean	55.06
Std Dev	25.66
Integral	1.573e+04
$\chi^2$ / ndf	69.03 / 92
Prob	0.9648
p0	$6588 \pm 487.0$
$\tau$	$19.4 \pm 0.3$

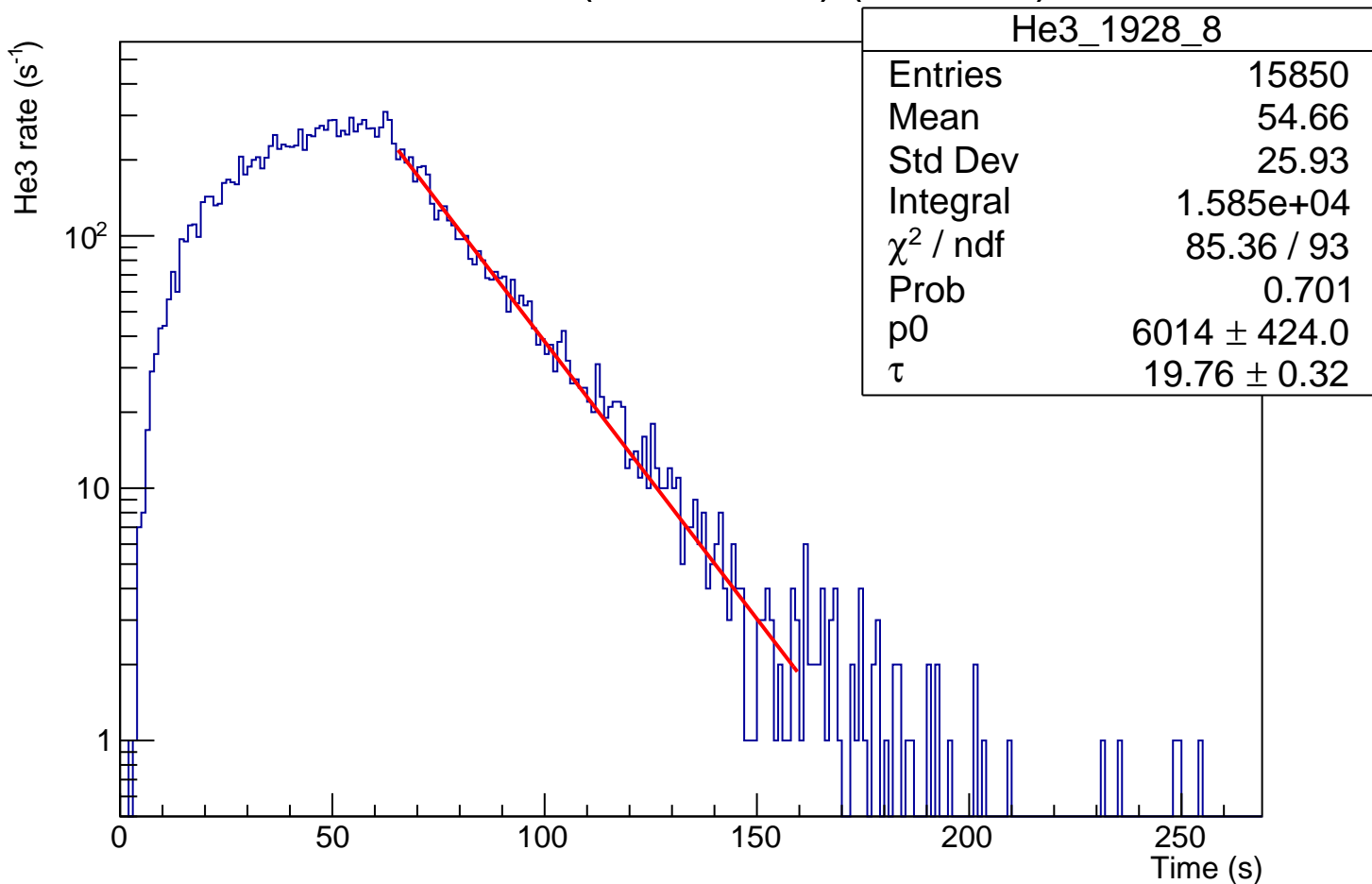
# TCN19-240 (UGD02+22) (He3 rate)



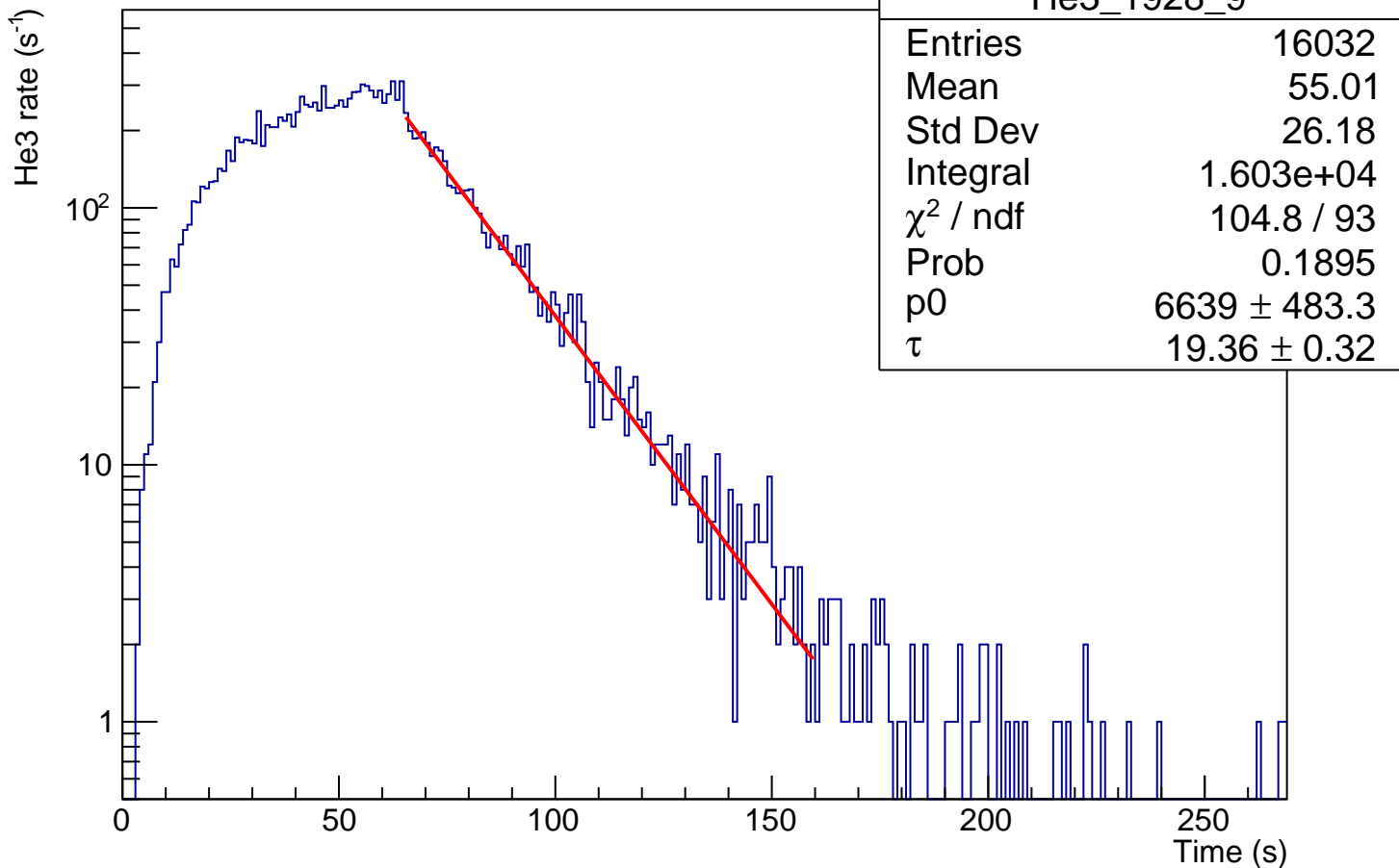
# TCN19-240 (UGD02+22) (He3 rate)



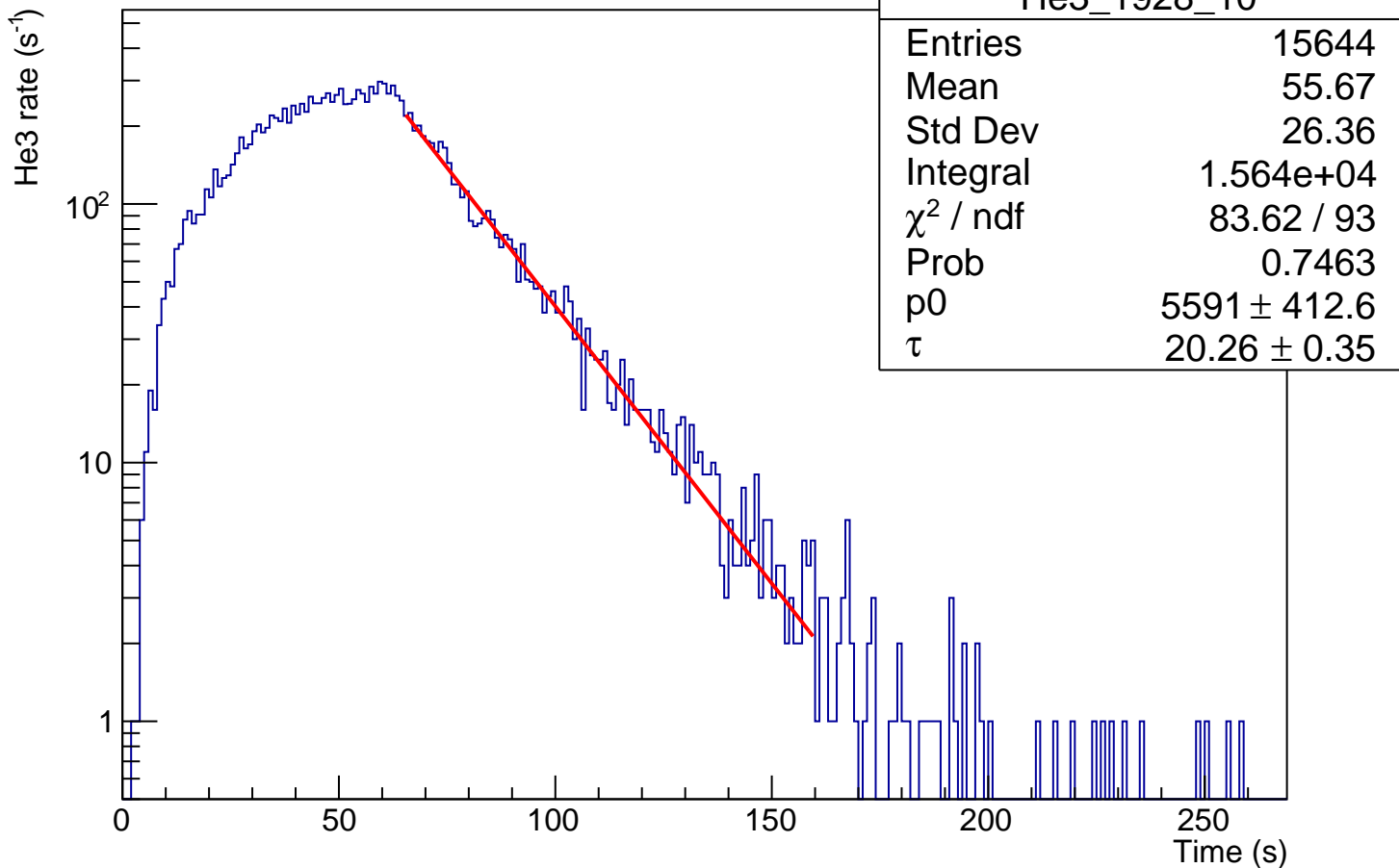
# TCN19-240 (UGD02+22) (He3 rate)



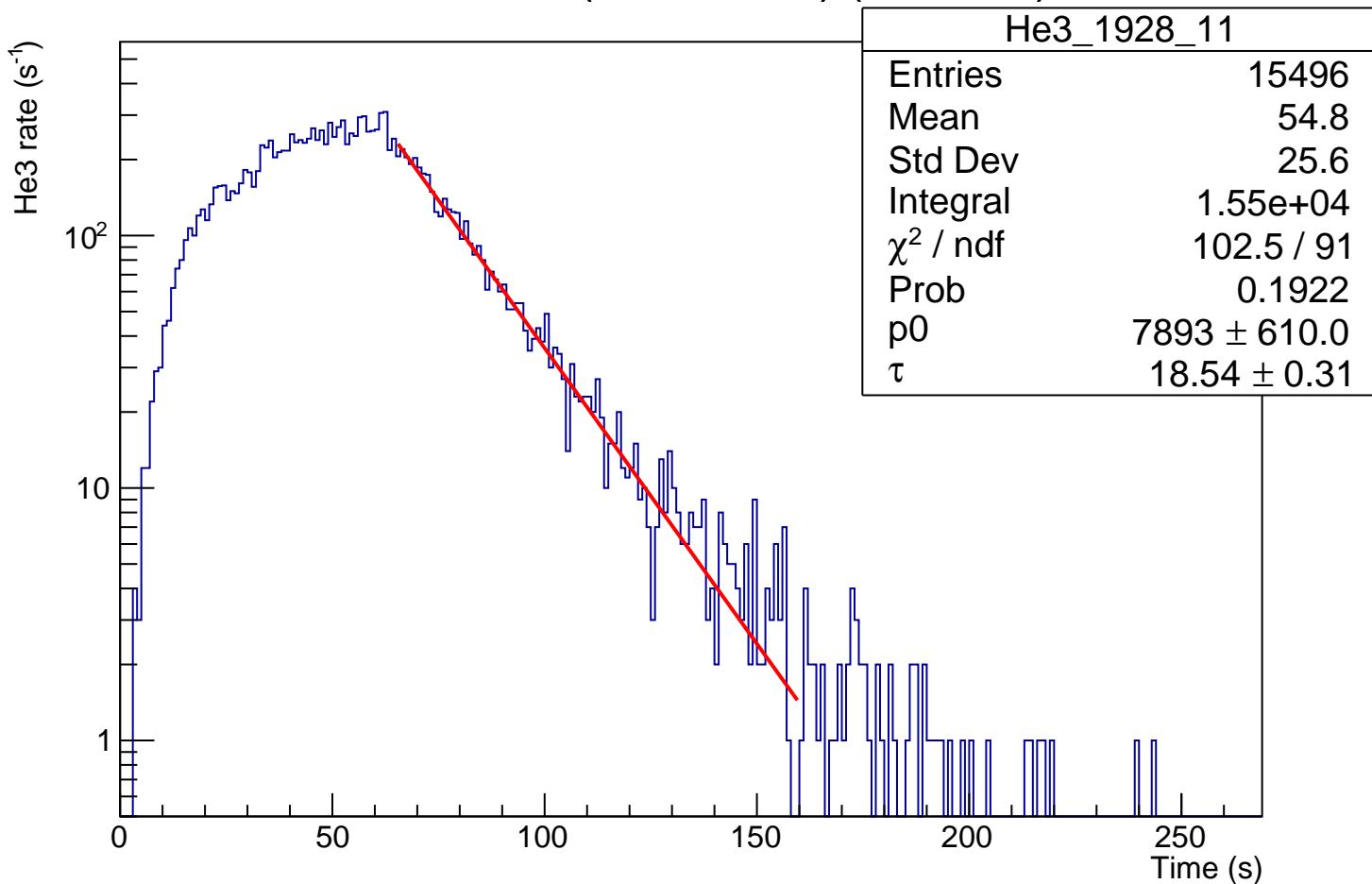
# TCN19-240 (UGD02+22) (He3 rate)



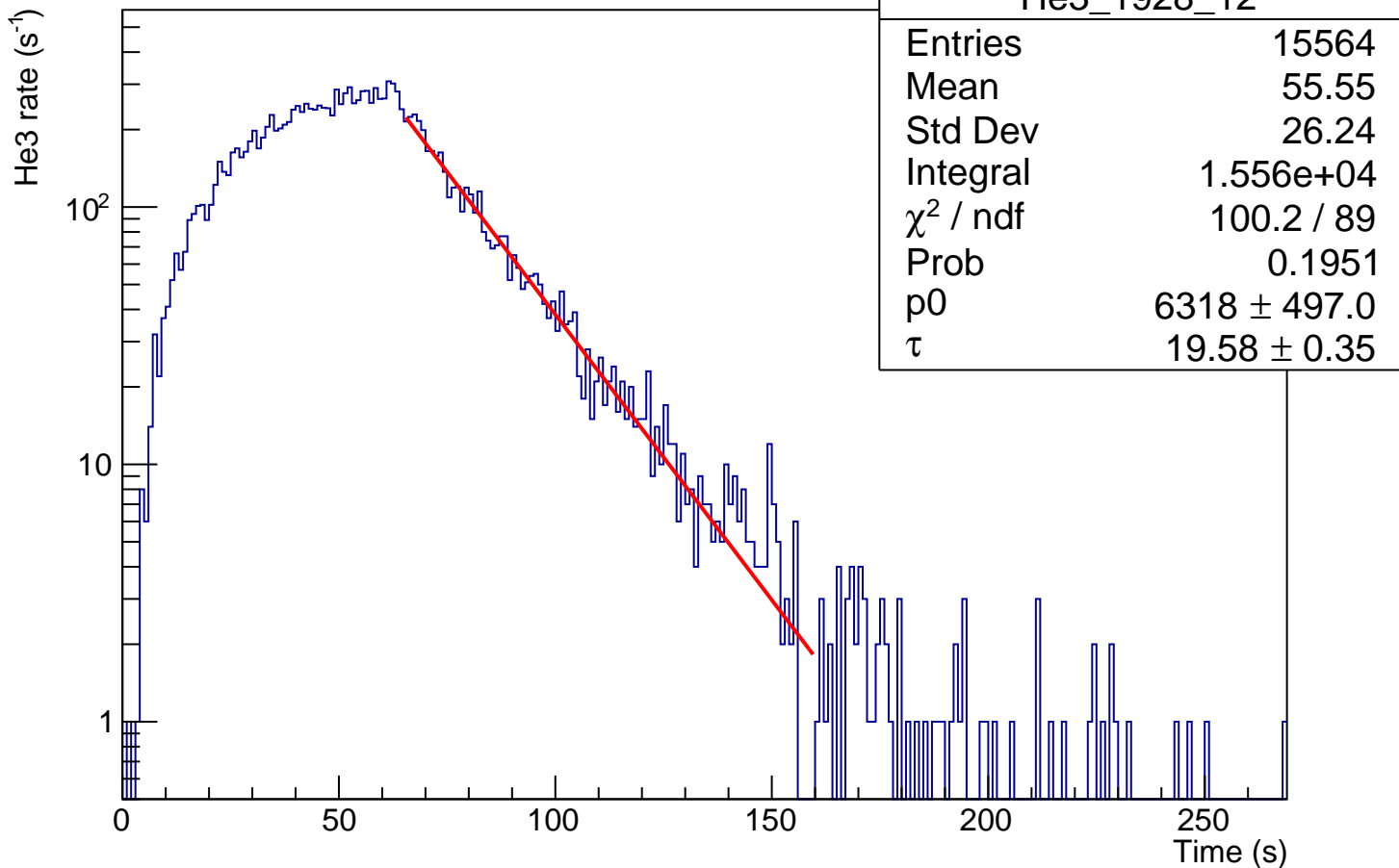
# TCN19-240 (UGD02+22) (He3 rate)



# TCN19-240 (UGD02+22) (He3 rate)

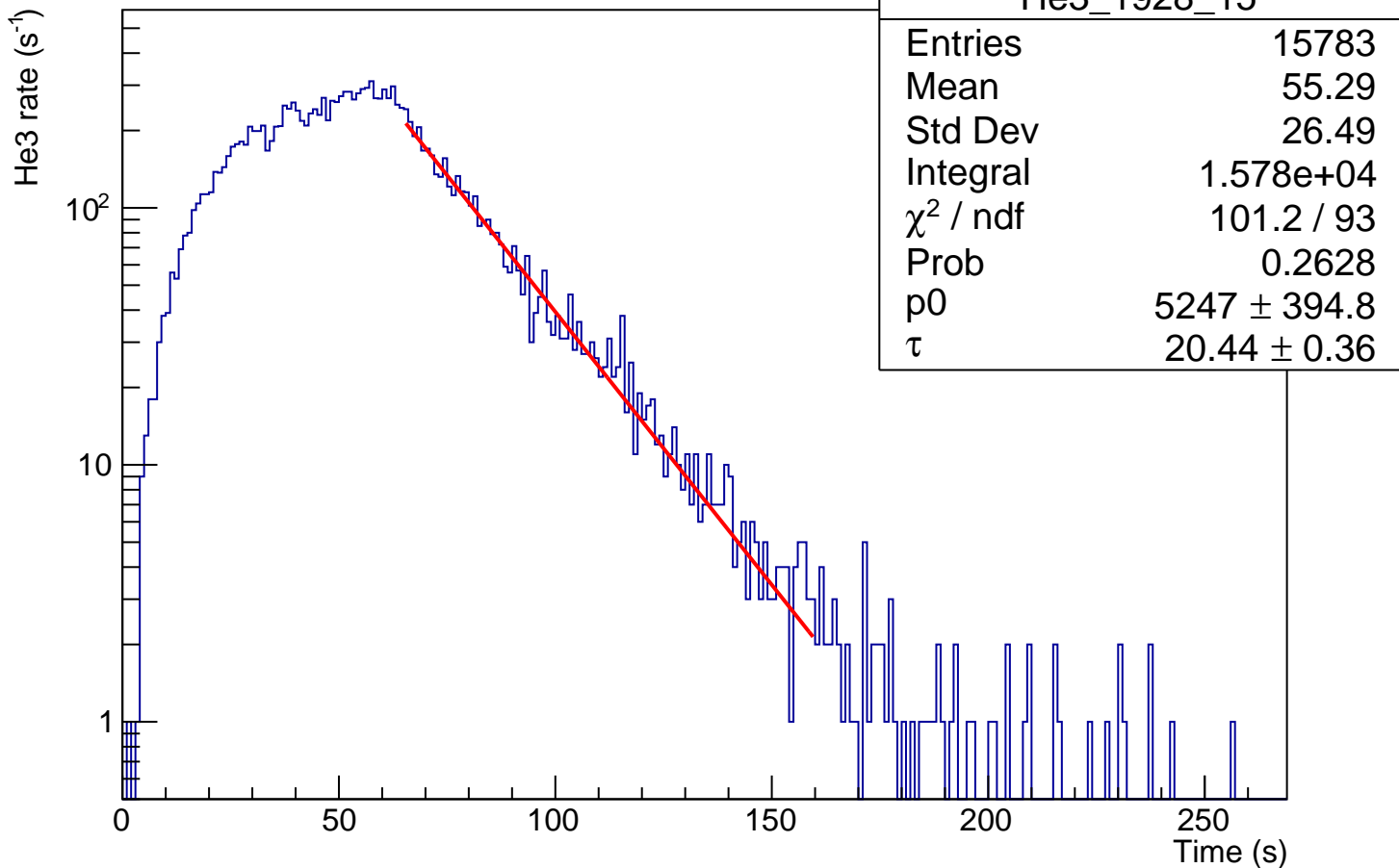


# TCN19-240 (UGD02+22) (He3 rate)

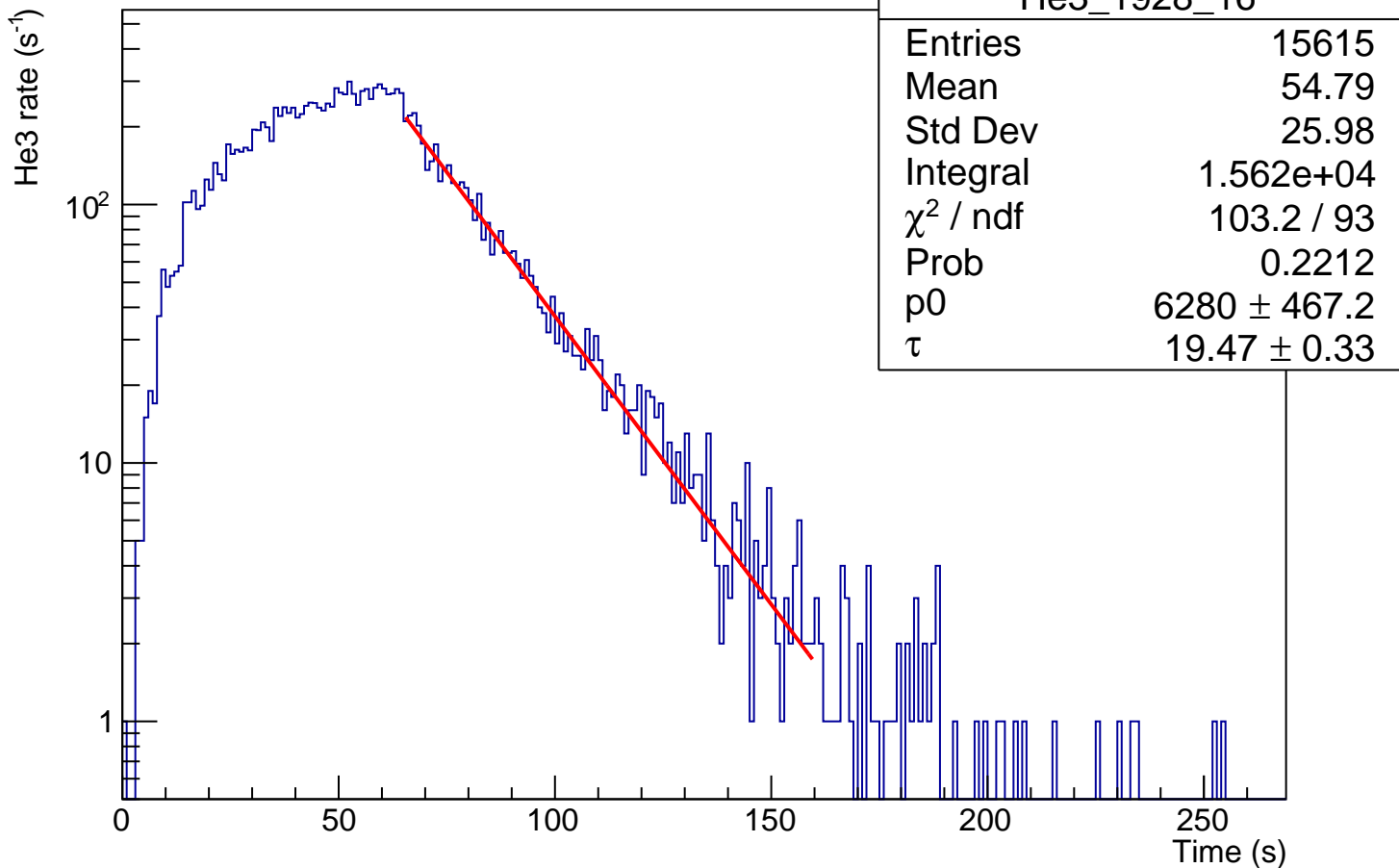




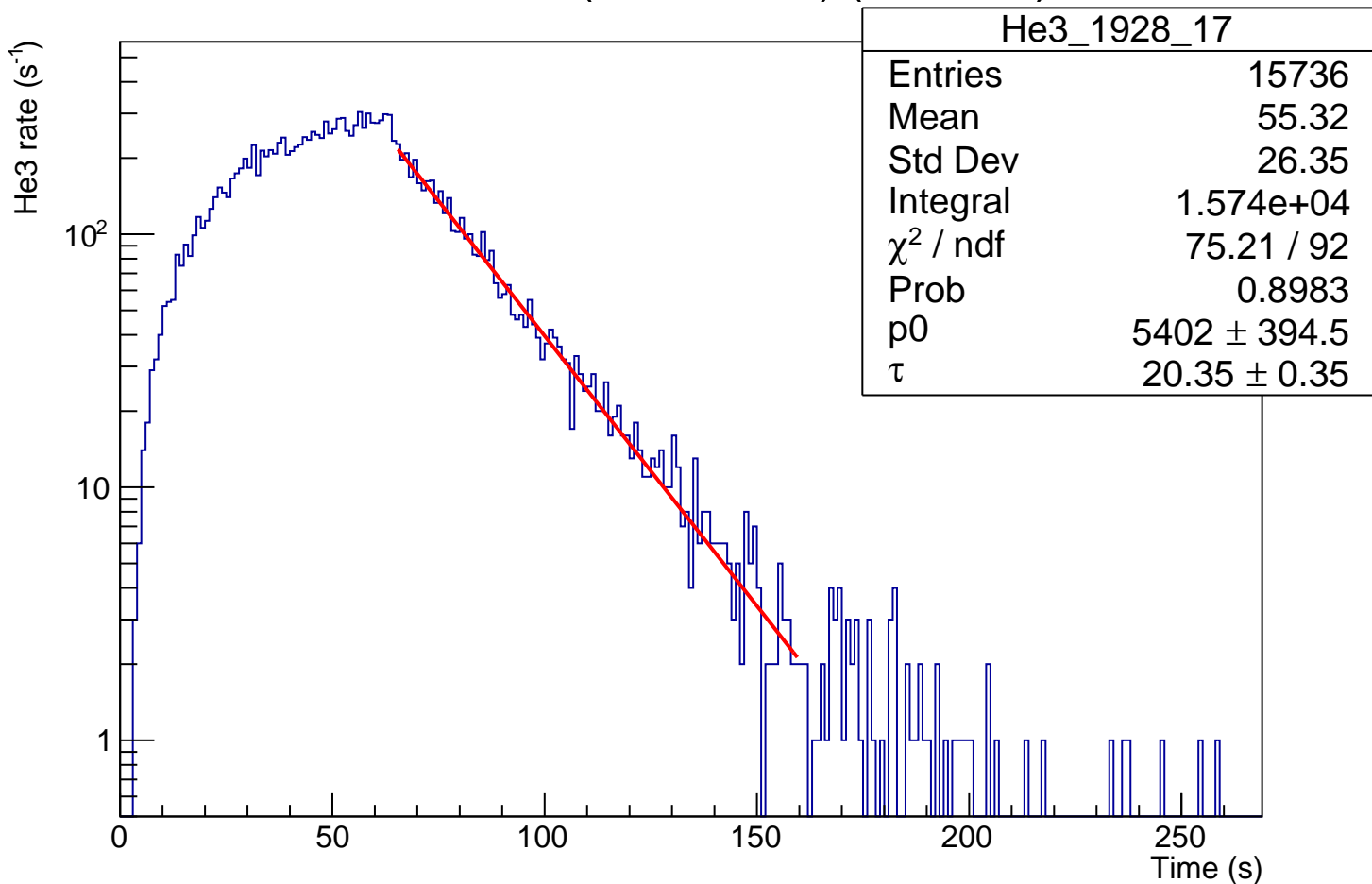
# TCN19-240 (UGD02+22) (He3 rate)



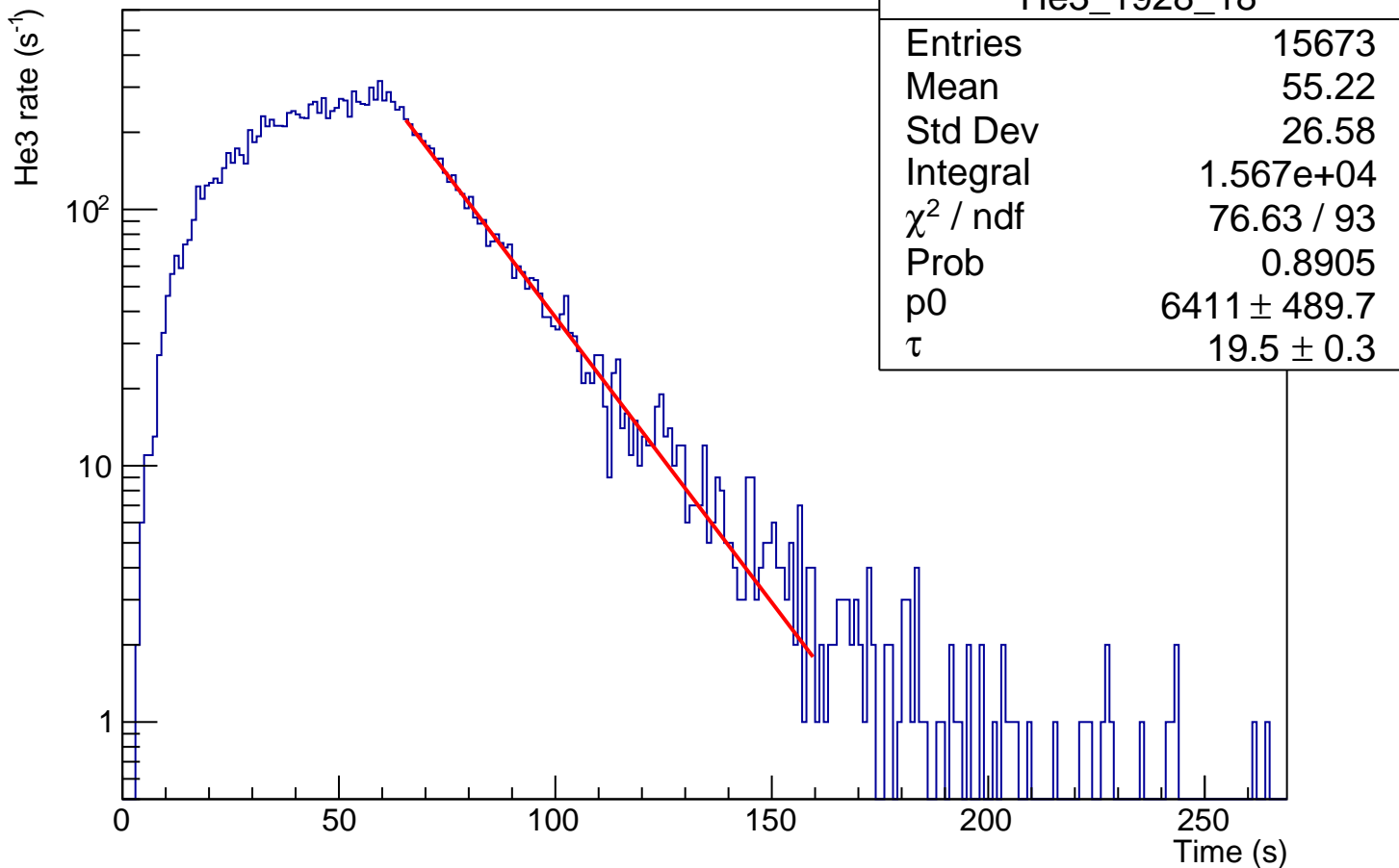
# TCN19-240 (UGD02+22) (He3 rate)



# TCN19-240 (UGD02+22) (He3 rate)



# TCN19-240 (UGD02+22) (He3 rate)



# TCN19-240 (UGD02+22) (He3 rate)

He3 rate ( $\text{s}^{-1}$ )

$10^2$

10

1

0

50

100

150

200

250

Time (s)

He3\_1928\_19

Entries 15657

Mean 55.16

Std Dev 26.39

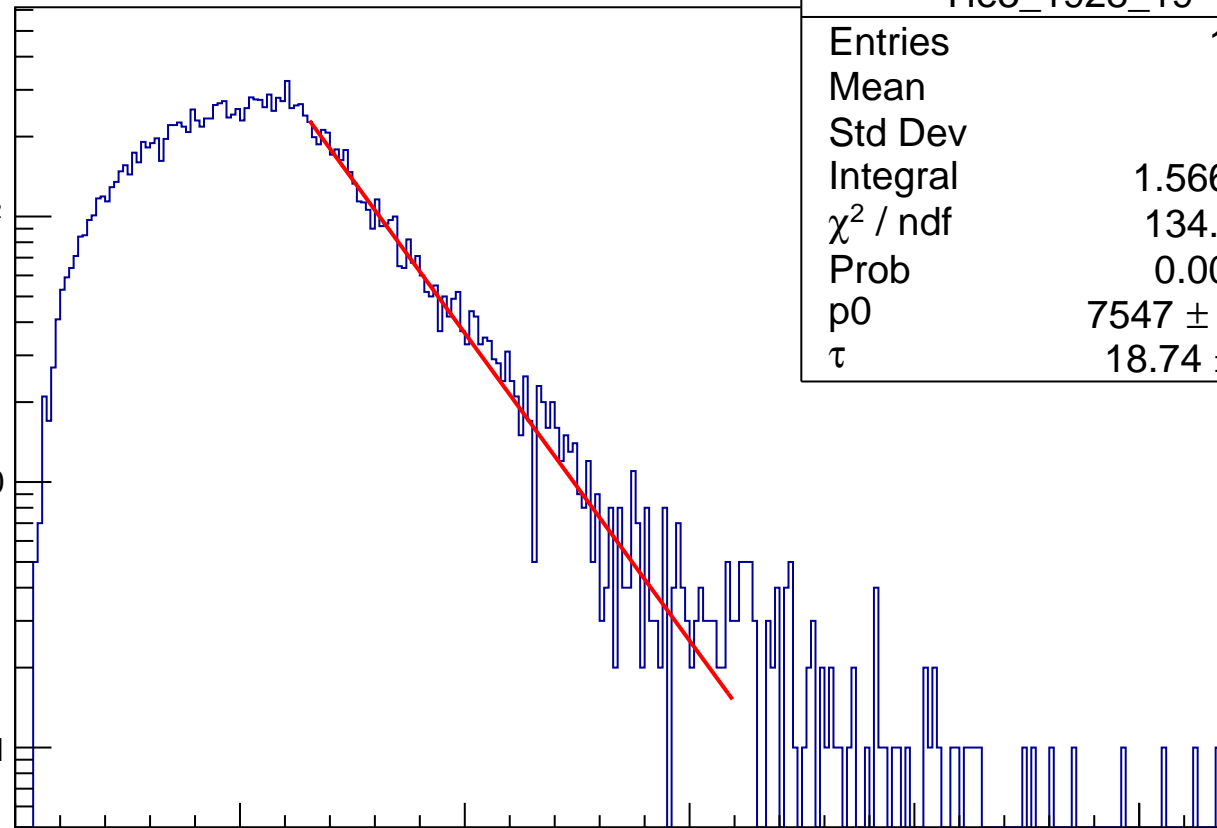
Integral 1.566e+04

$\chi^2$  / ndf 134.3 / 92

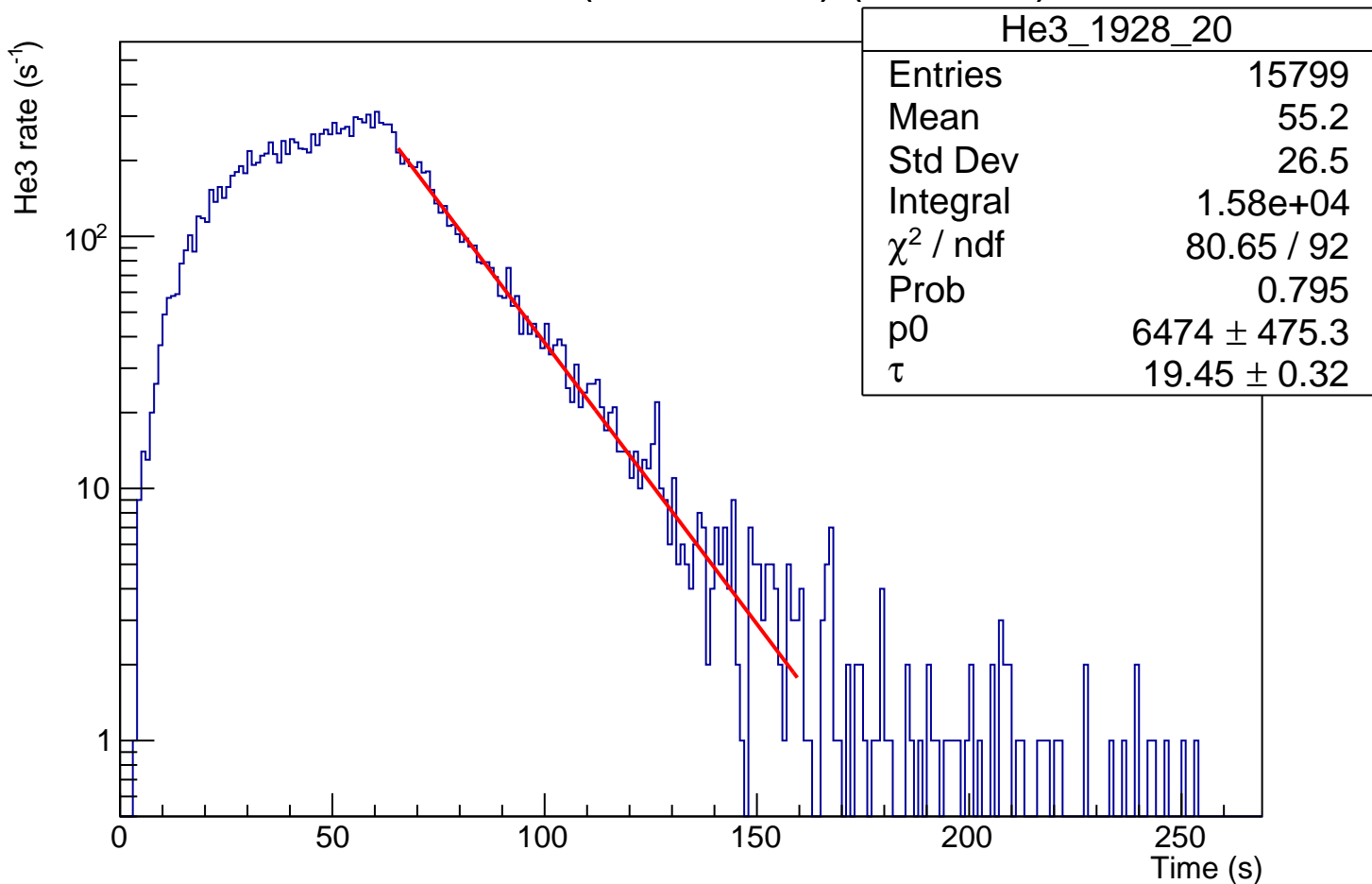
Prob 0.002682

p0  $7547 \pm 564.2$

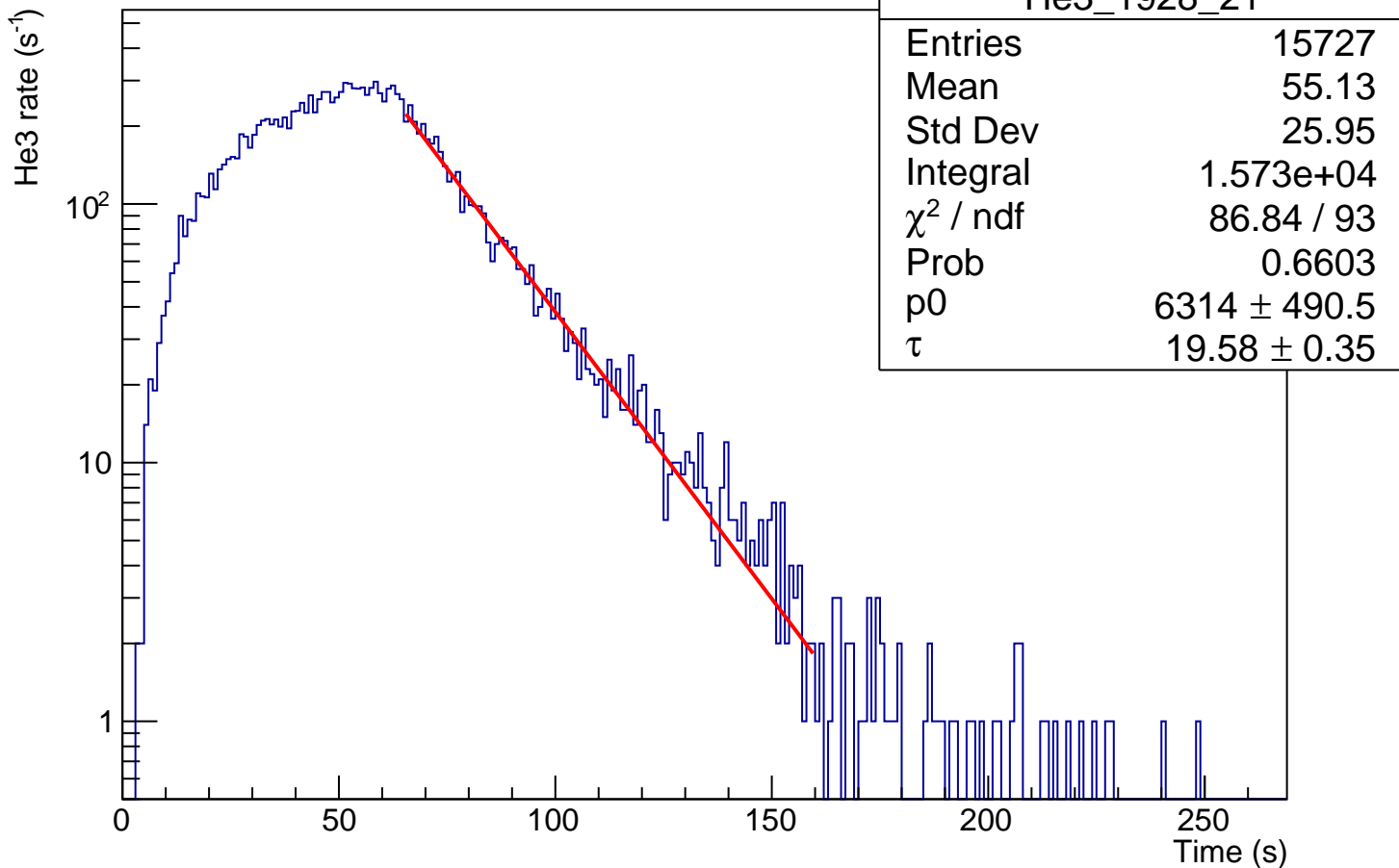
$\tau$   $18.74 \pm 0.31$



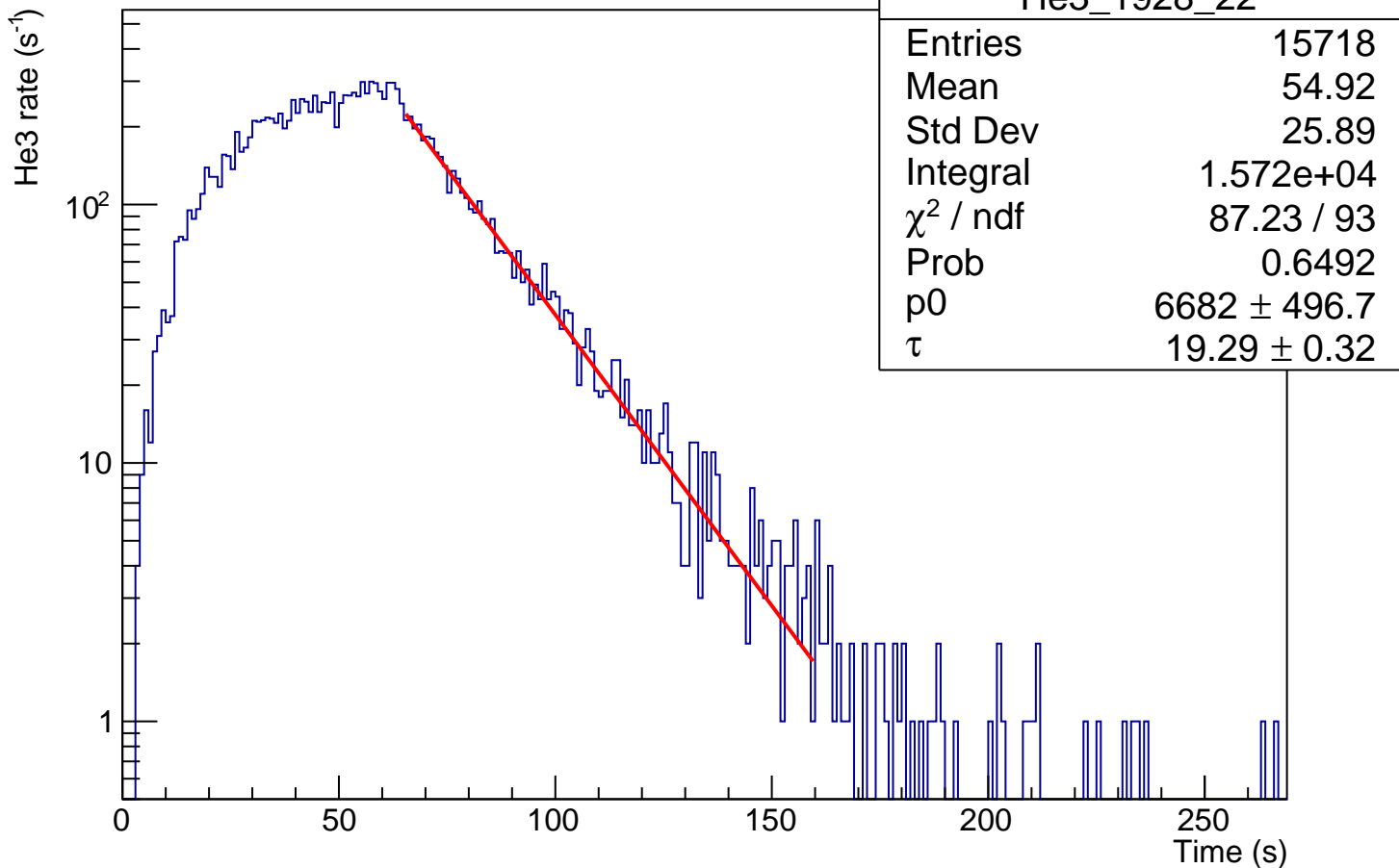
# TCN19-240 (UGD02+22) (He3 rate)



# TCN19-240 (UGD02+22) (He3 rate)

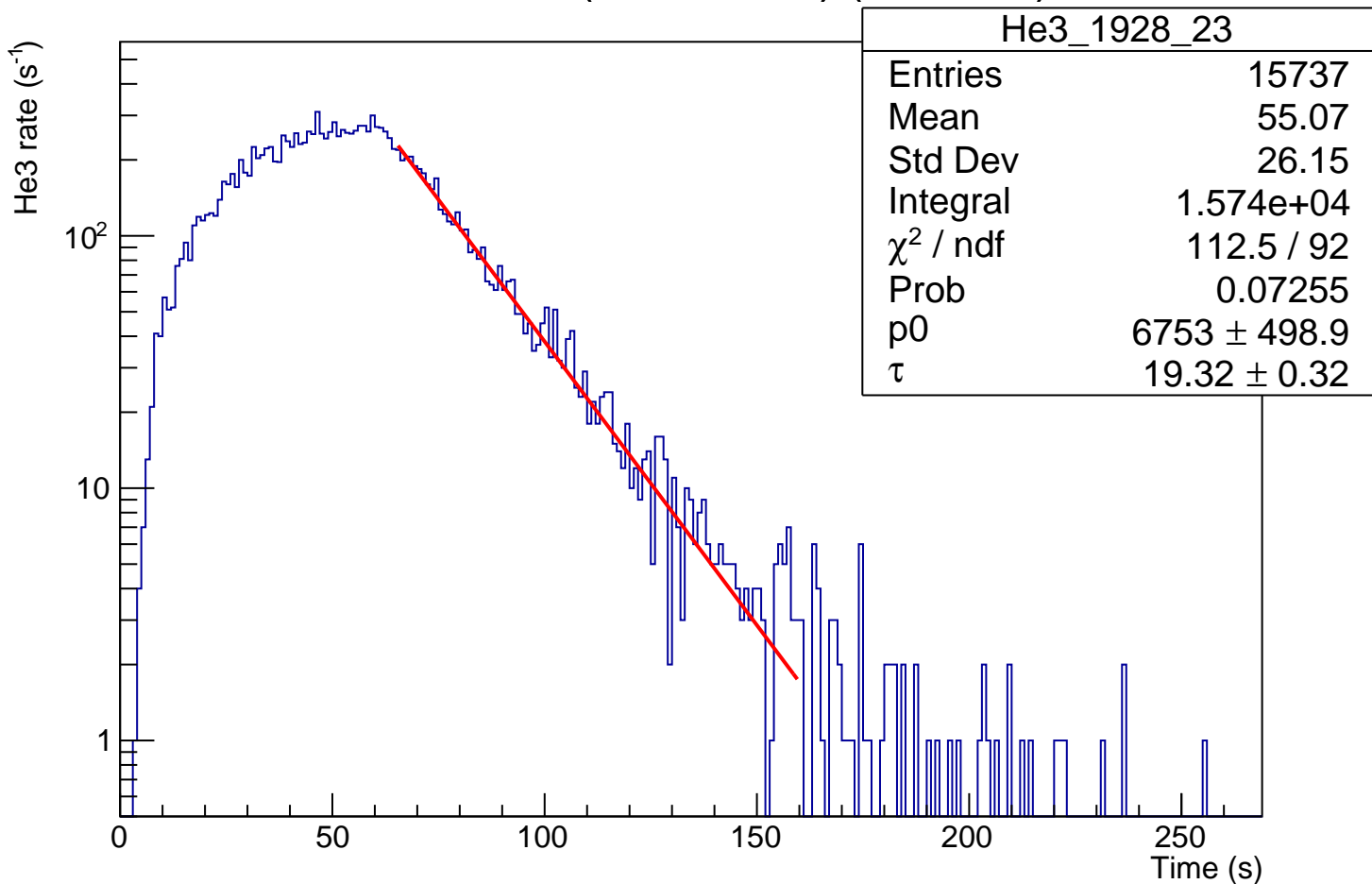


# TCN19-240 (UGD02+22) (He3 rate)

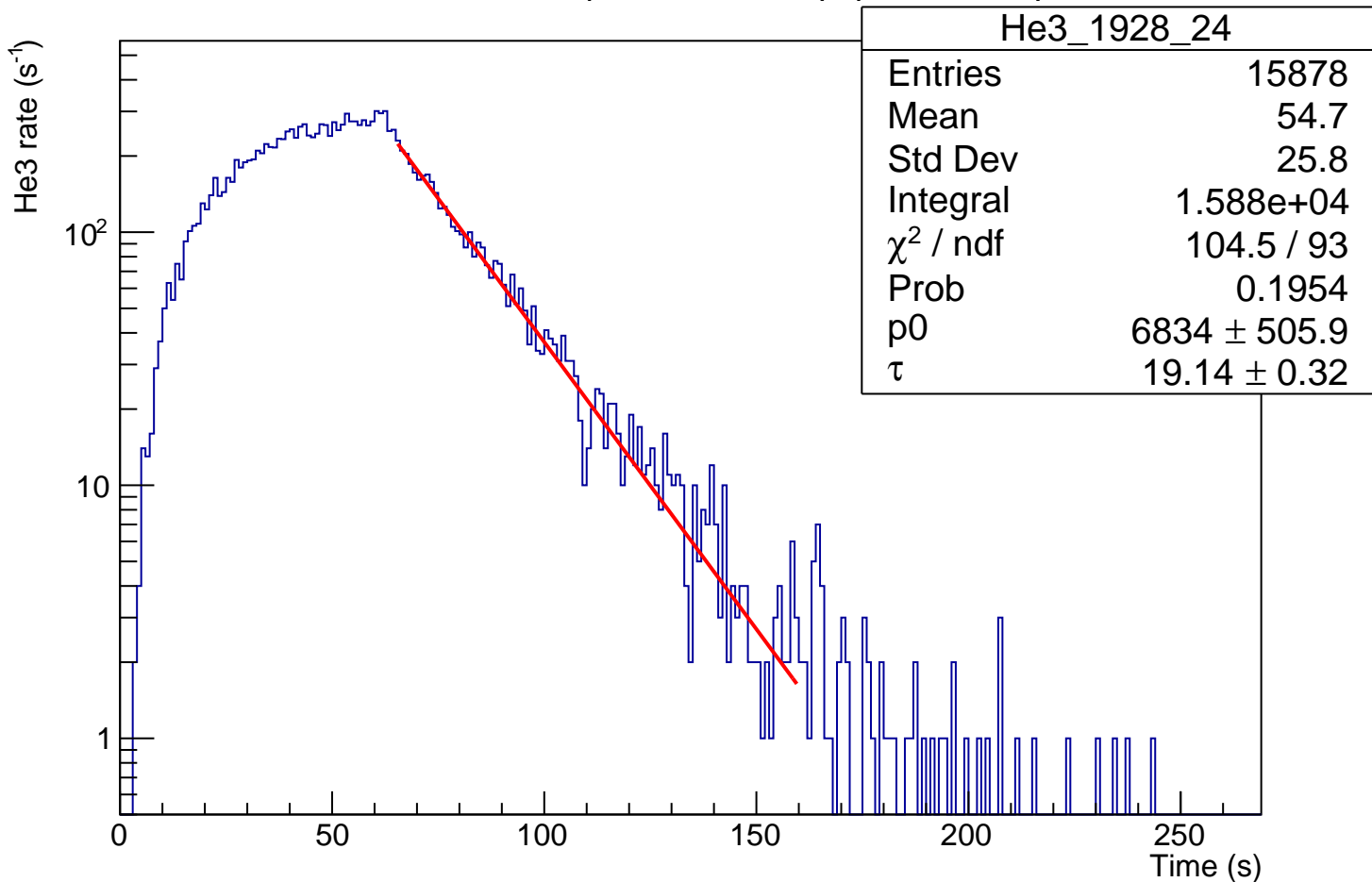




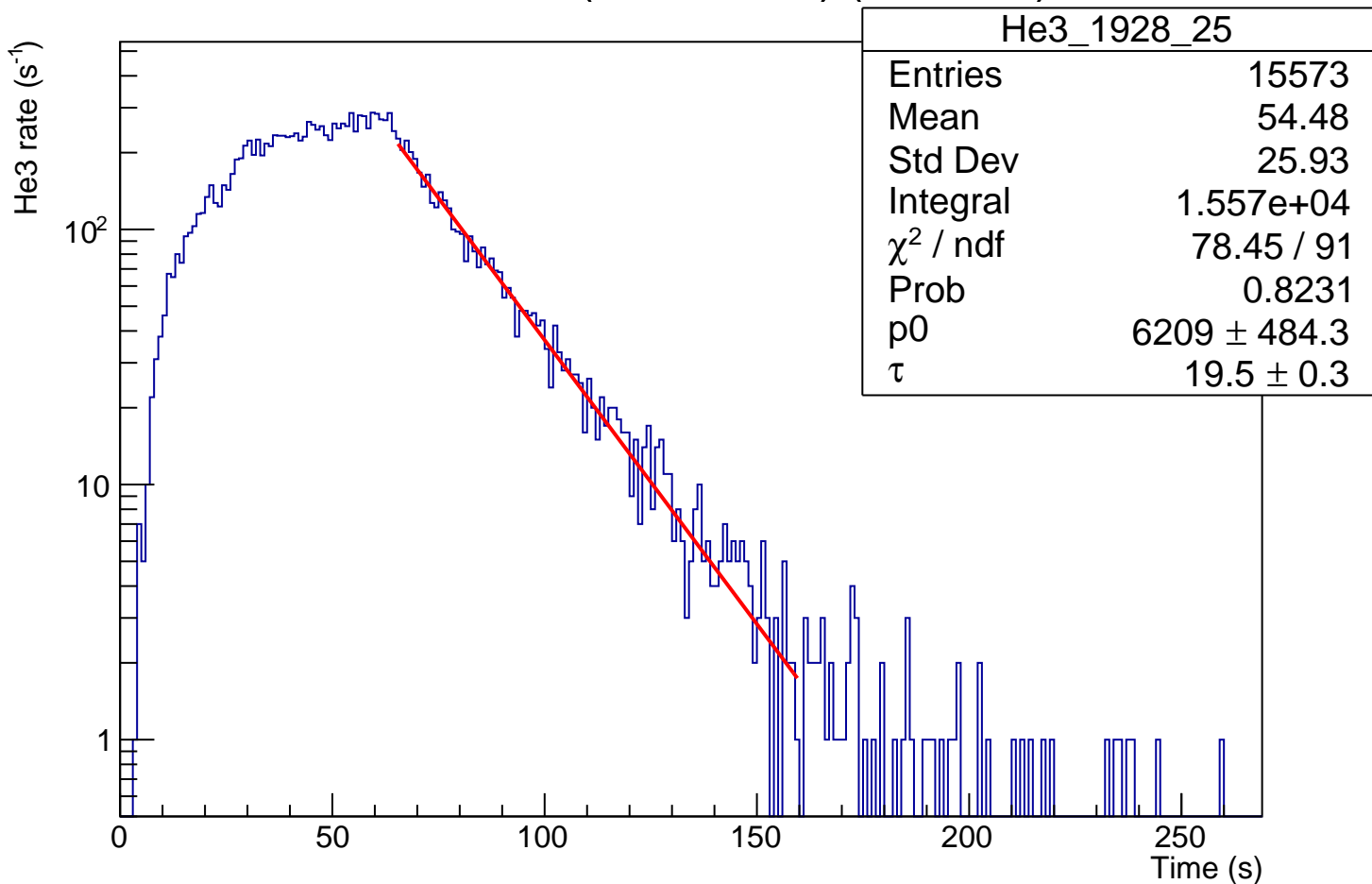
# TCN19-240 (UGD02+22) (He3 rate)



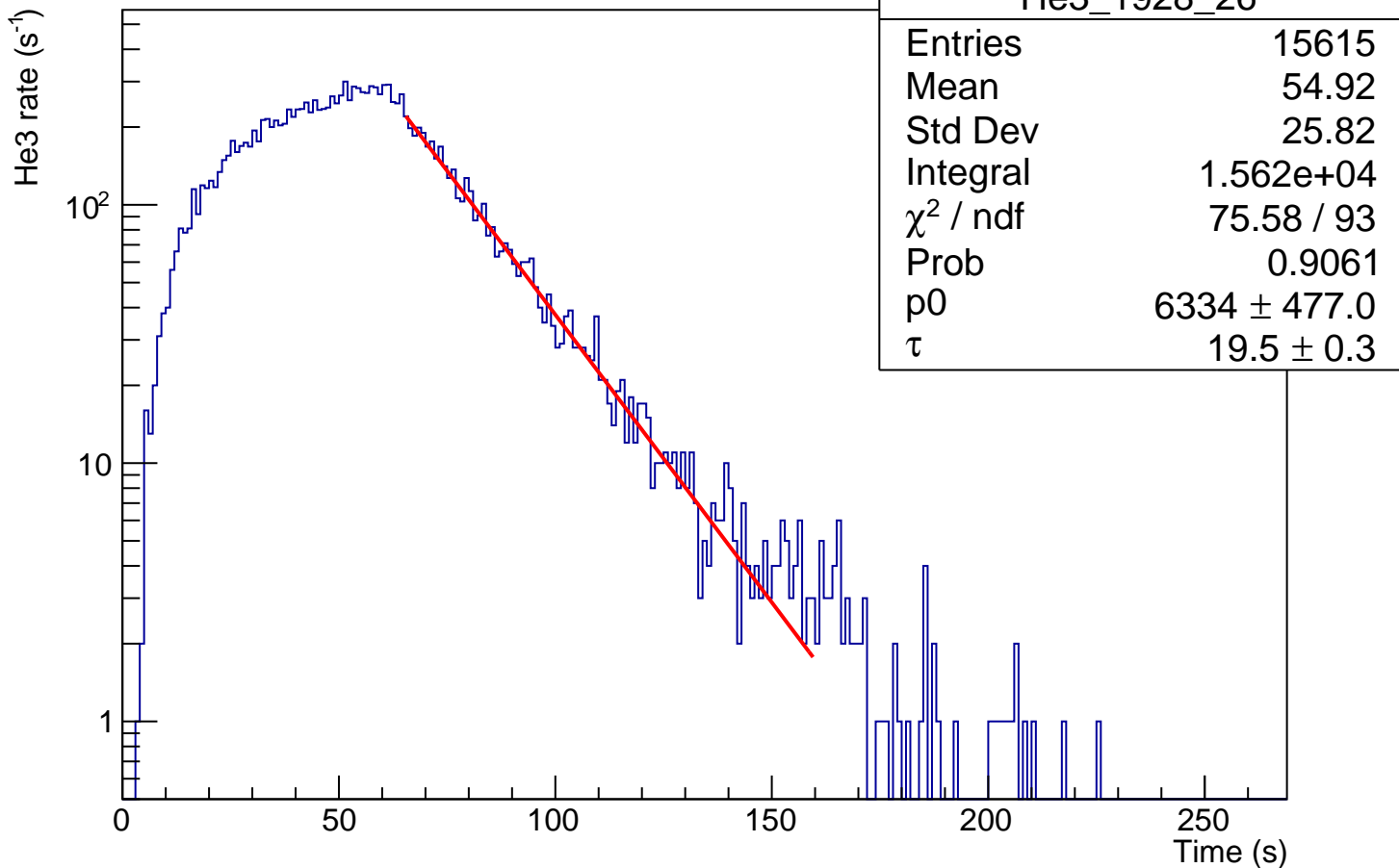
# TCN19-240 (UGD02+22) (He3 rate)

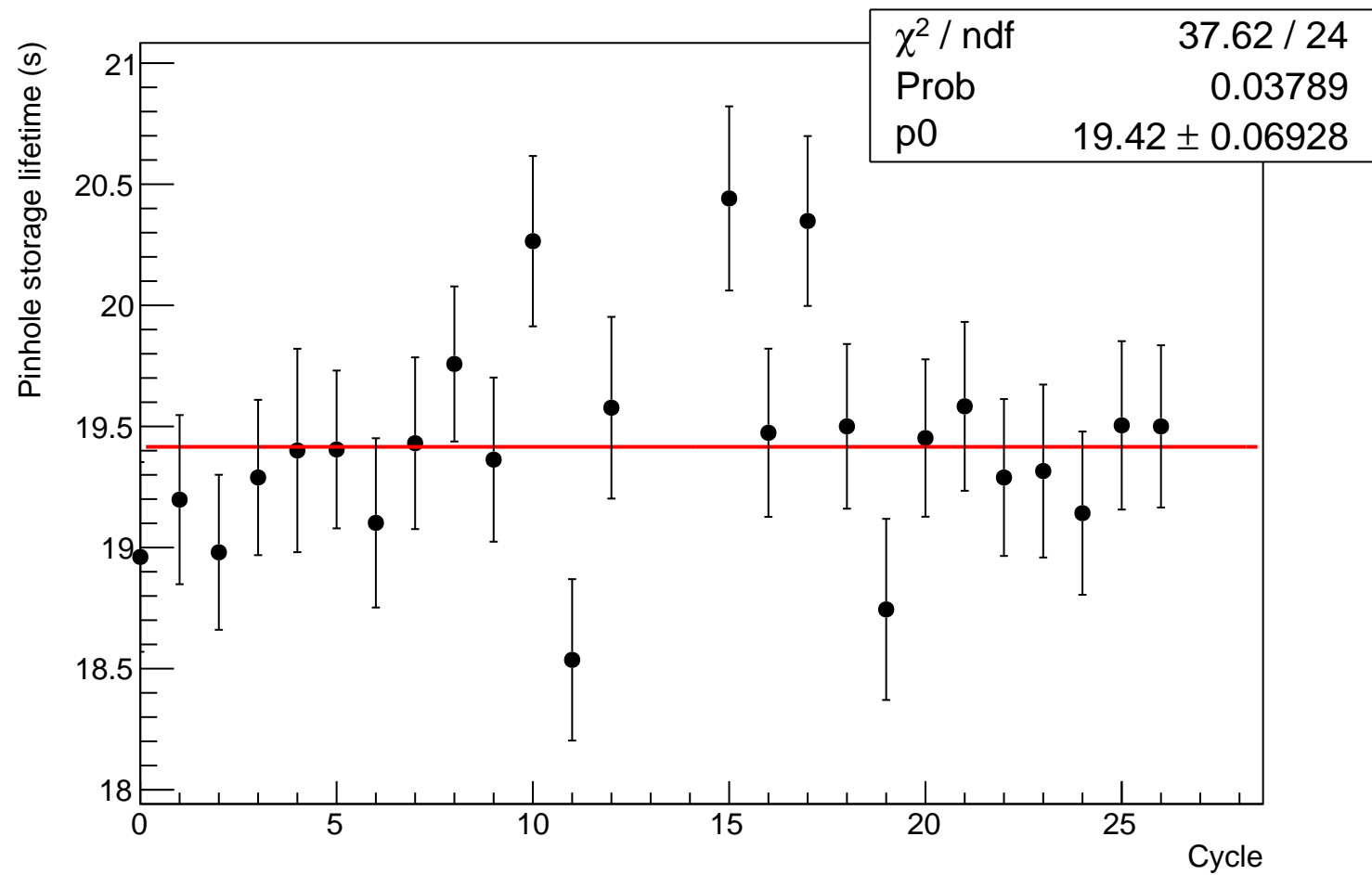


# TCN19-240 (UGD02+22) (He3 rate)



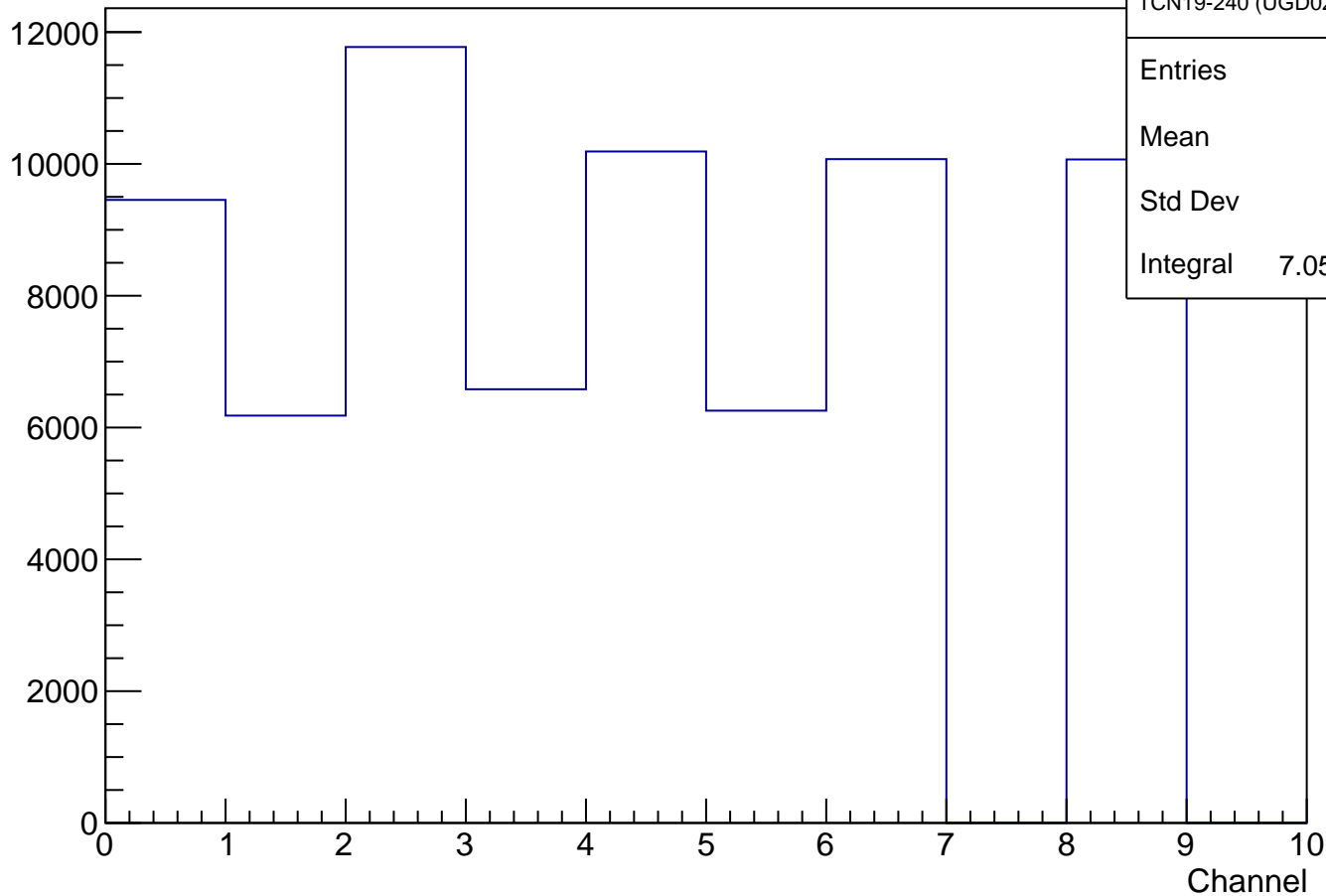
# TCN19-240 (UGD02+22) (He3 rate)





# TCN19-240 (UGD02+22)

Count



TCN19-240 (UGD02+22)\_ch

Entries 70576

Mean 3.719

Std Dev 2.56

Integral 7.058e+04