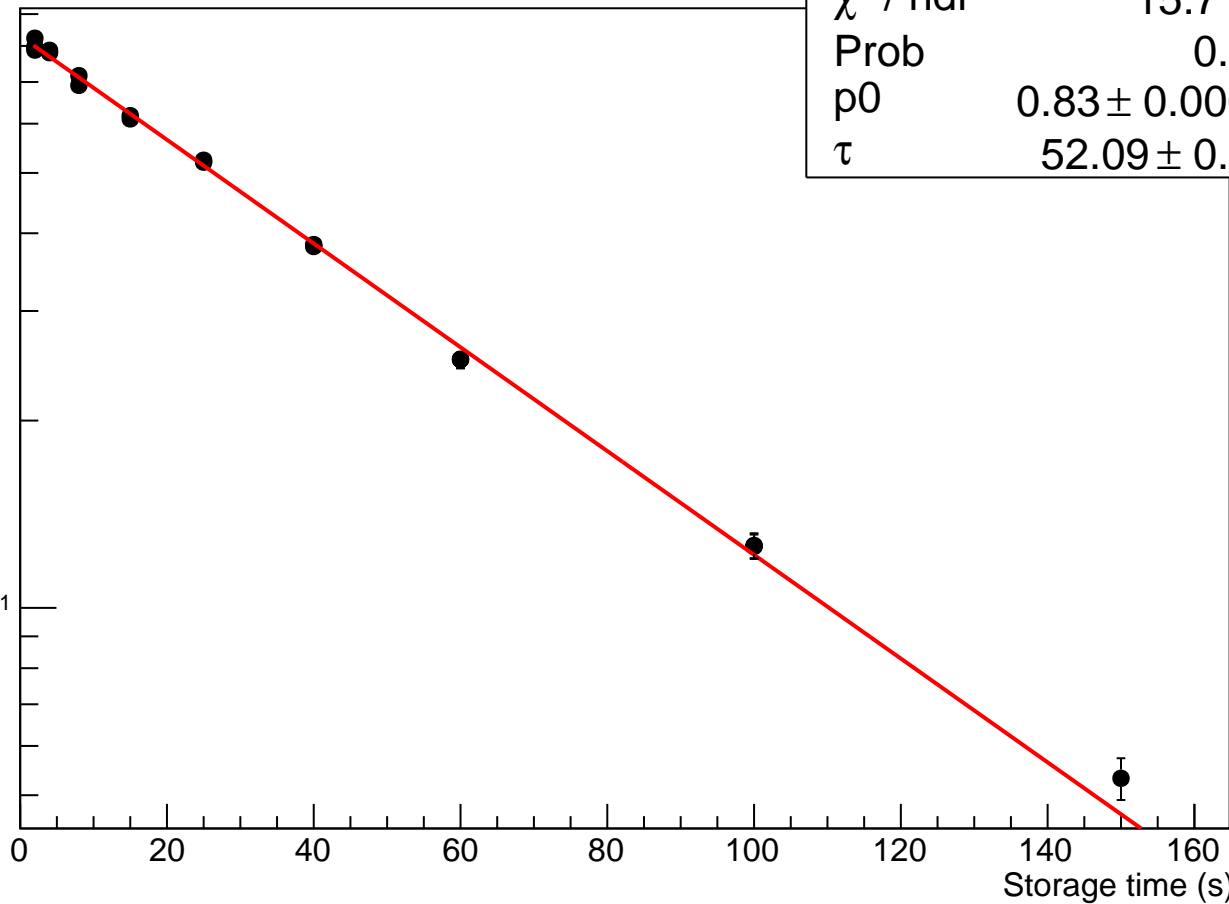


UCN-count-to-monitor ratio

 $10^{-1}$  $\chi^2 / \text{ndf}$ 

15.71 / 16

Prob

0.4735

p0

 $0.83 \pm 0.006338$  $\tau$  $52.09 \pm 0.6758$

TCN19-120A (double exponential fit, with background subtracted, normalized to monitor detector, 0s excluded)

UCN-count-to-monitor ratio

$10^{-1}$

0

20

40

60

80

100

120

140

160

Storage time (s)

$\chi^2 / \text{nfd}$

10.42 / 14

Prob

0.7309

$N_1$

$0.8041 \pm 0.6292$

$\tau_1$

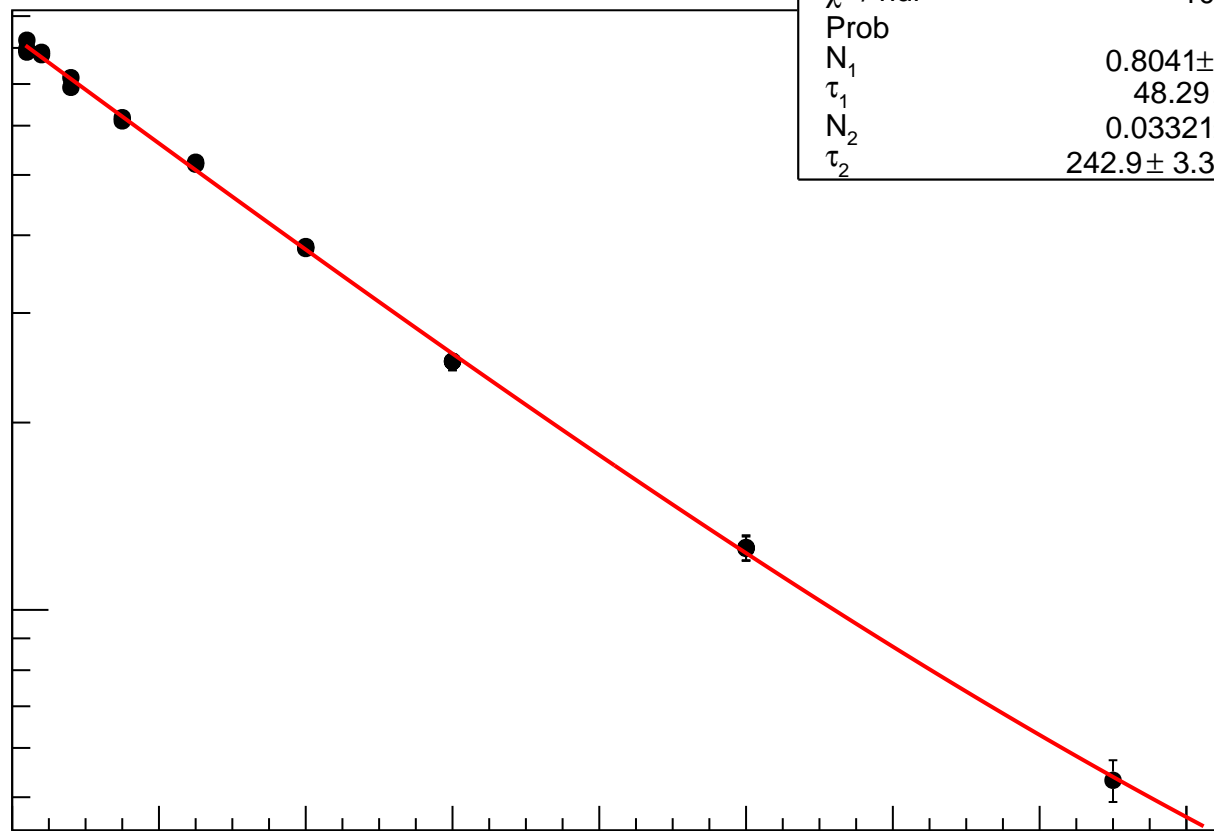
$48.29 \pm 28.54$

$N_2$

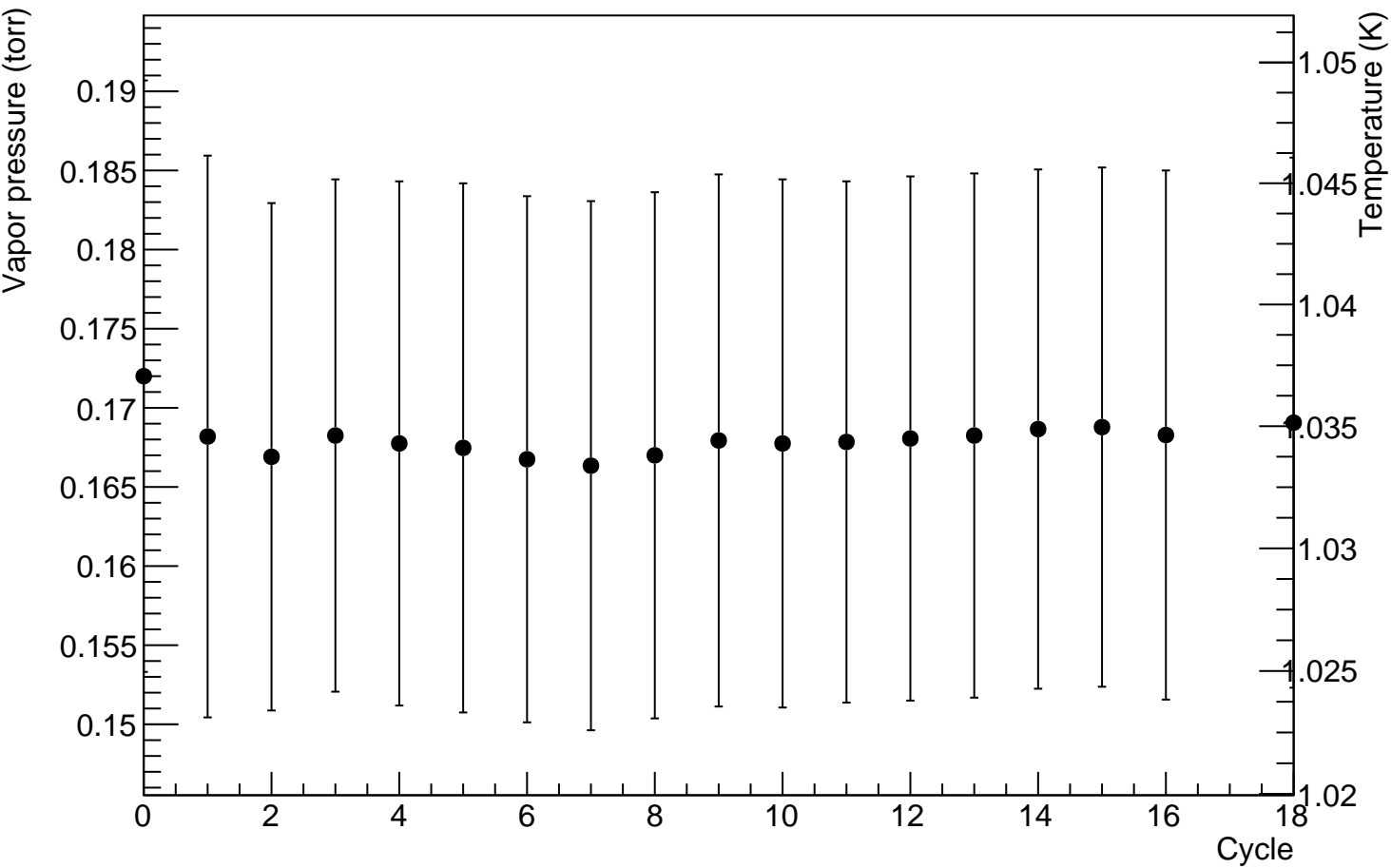
$0.03321 \pm 3.132$

$\tau_2$

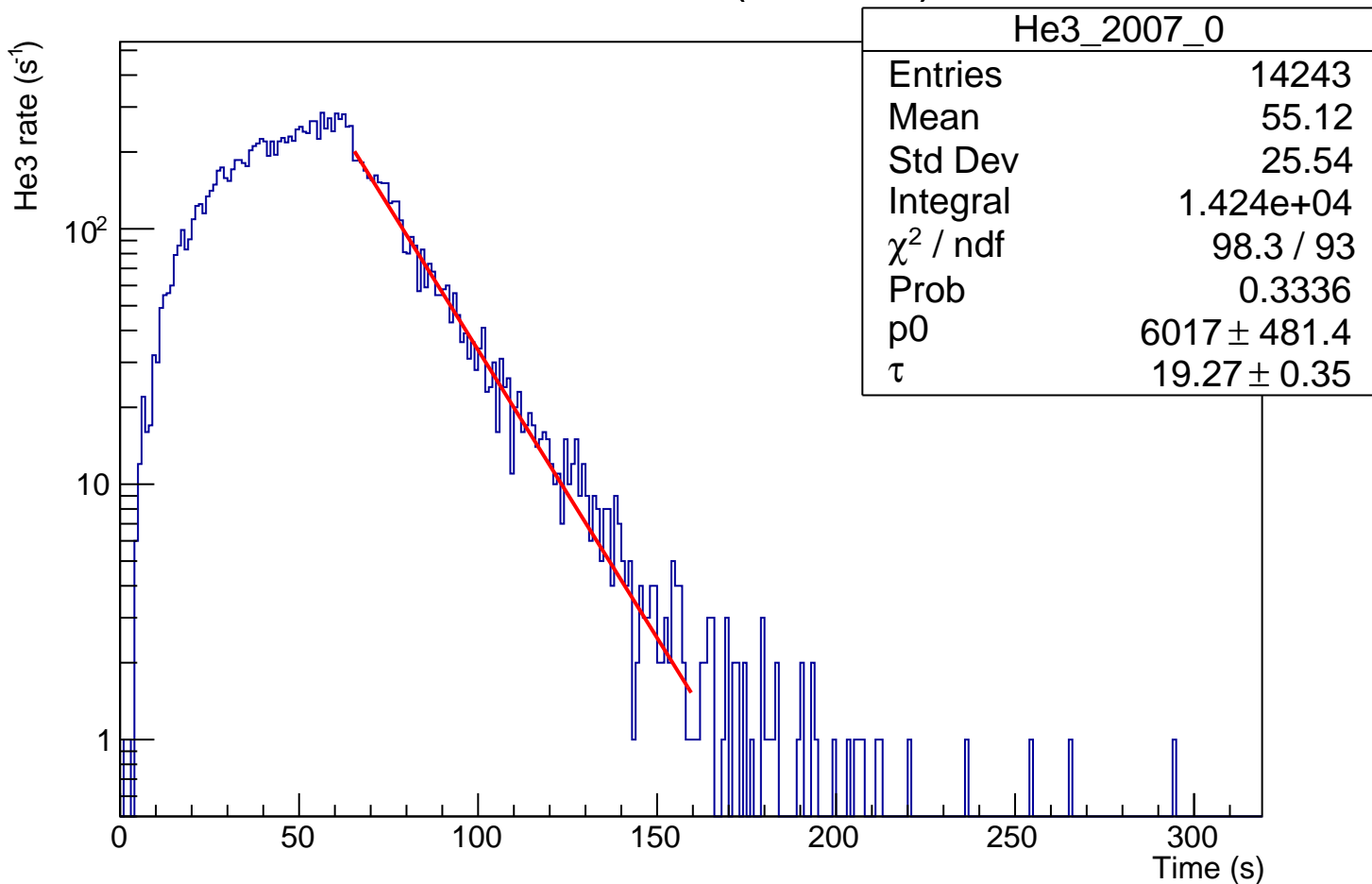
$242.9 \pm 3.336\text{e}+04$



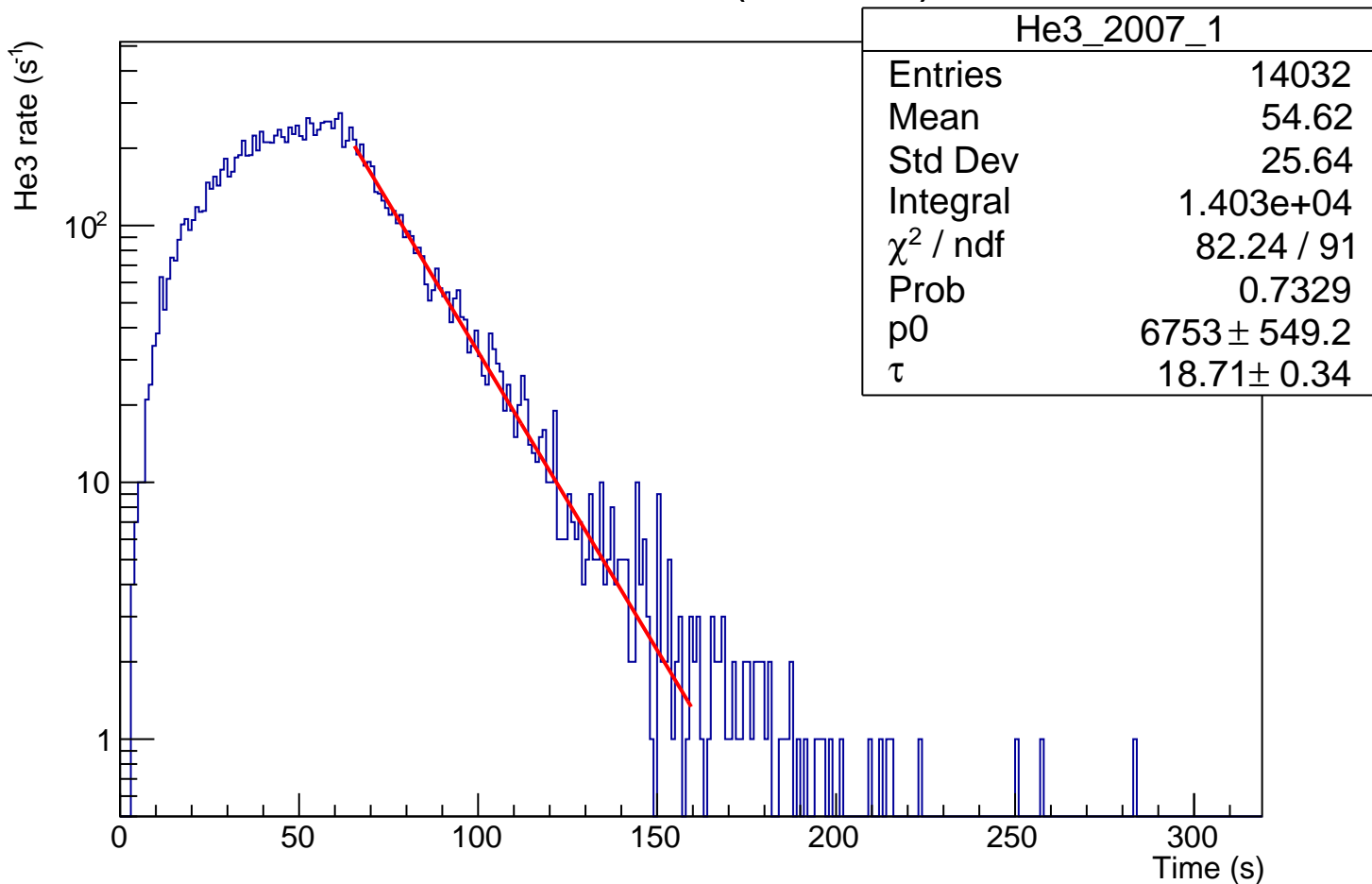
Graph



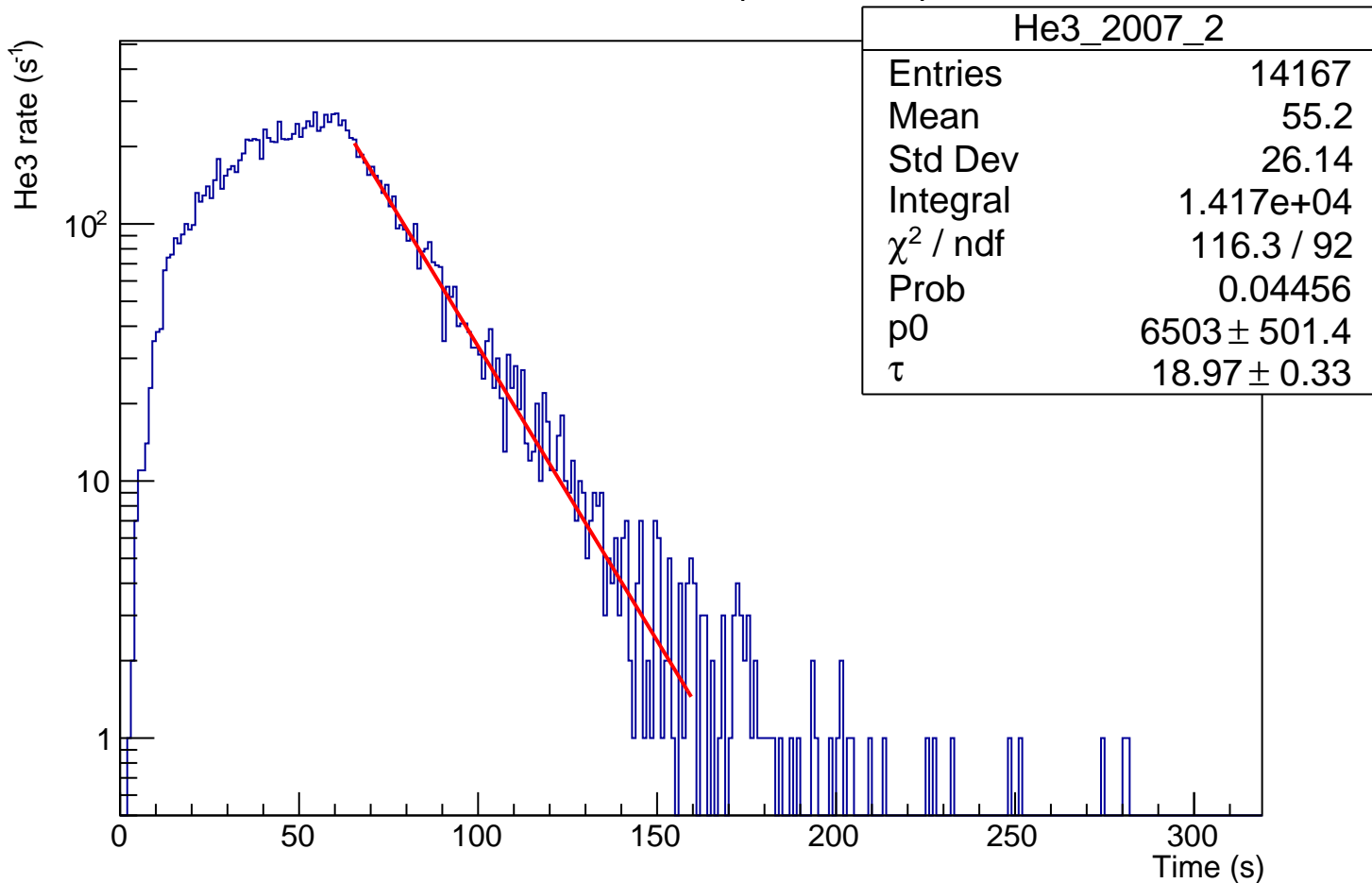
# TCN19-120A (He3 rate)



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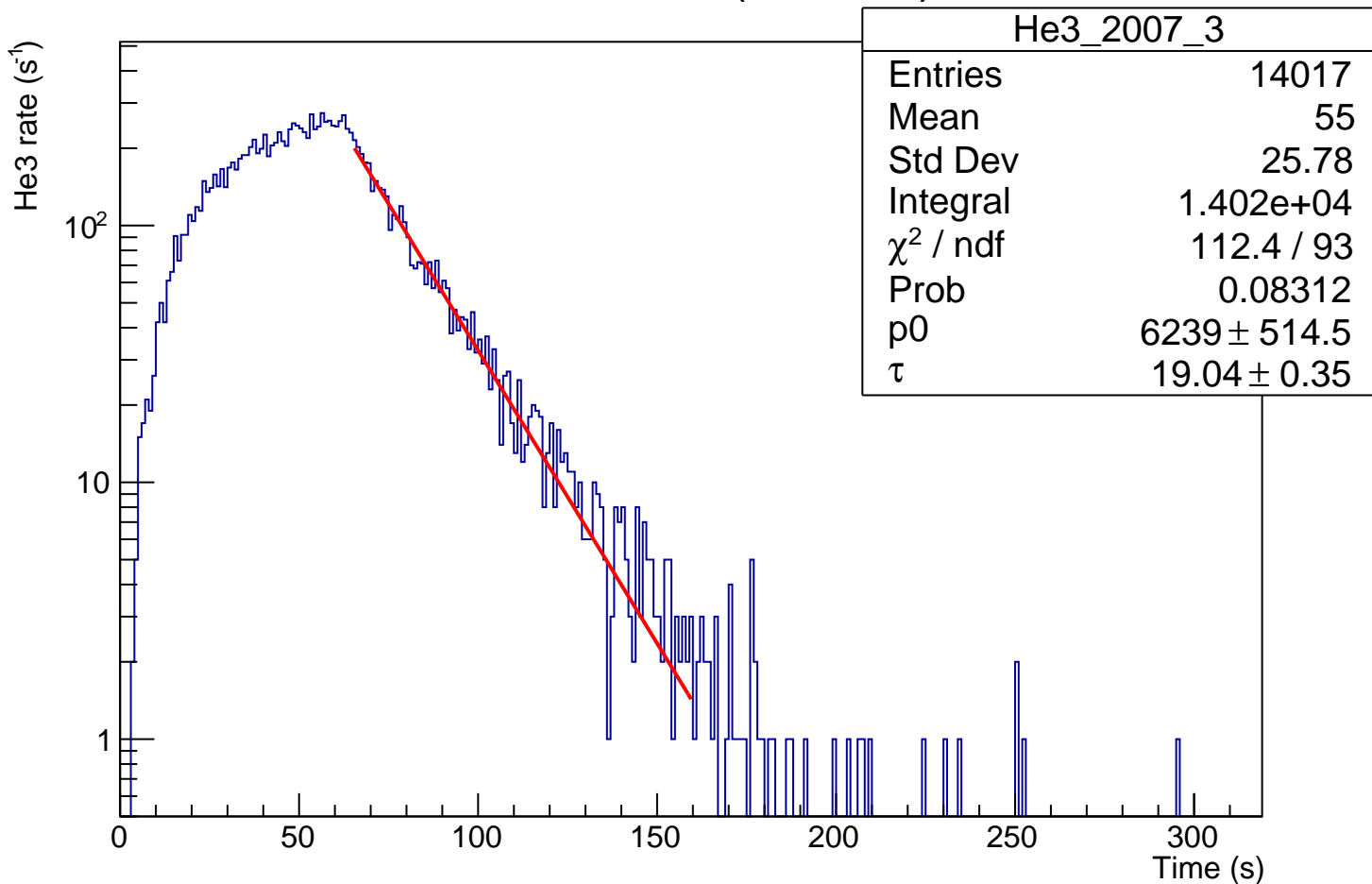


# TCN19-120A (He3 rate)

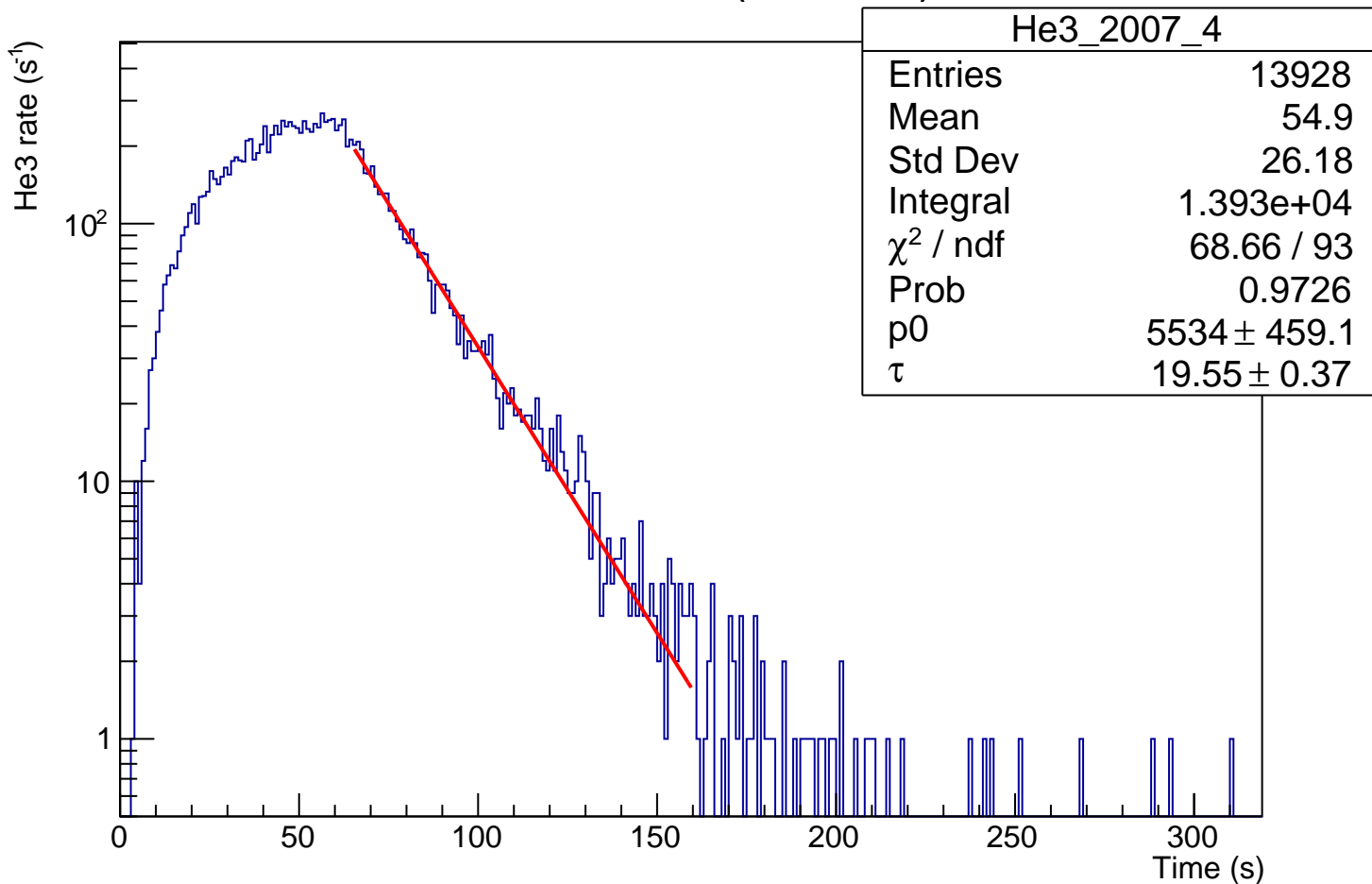




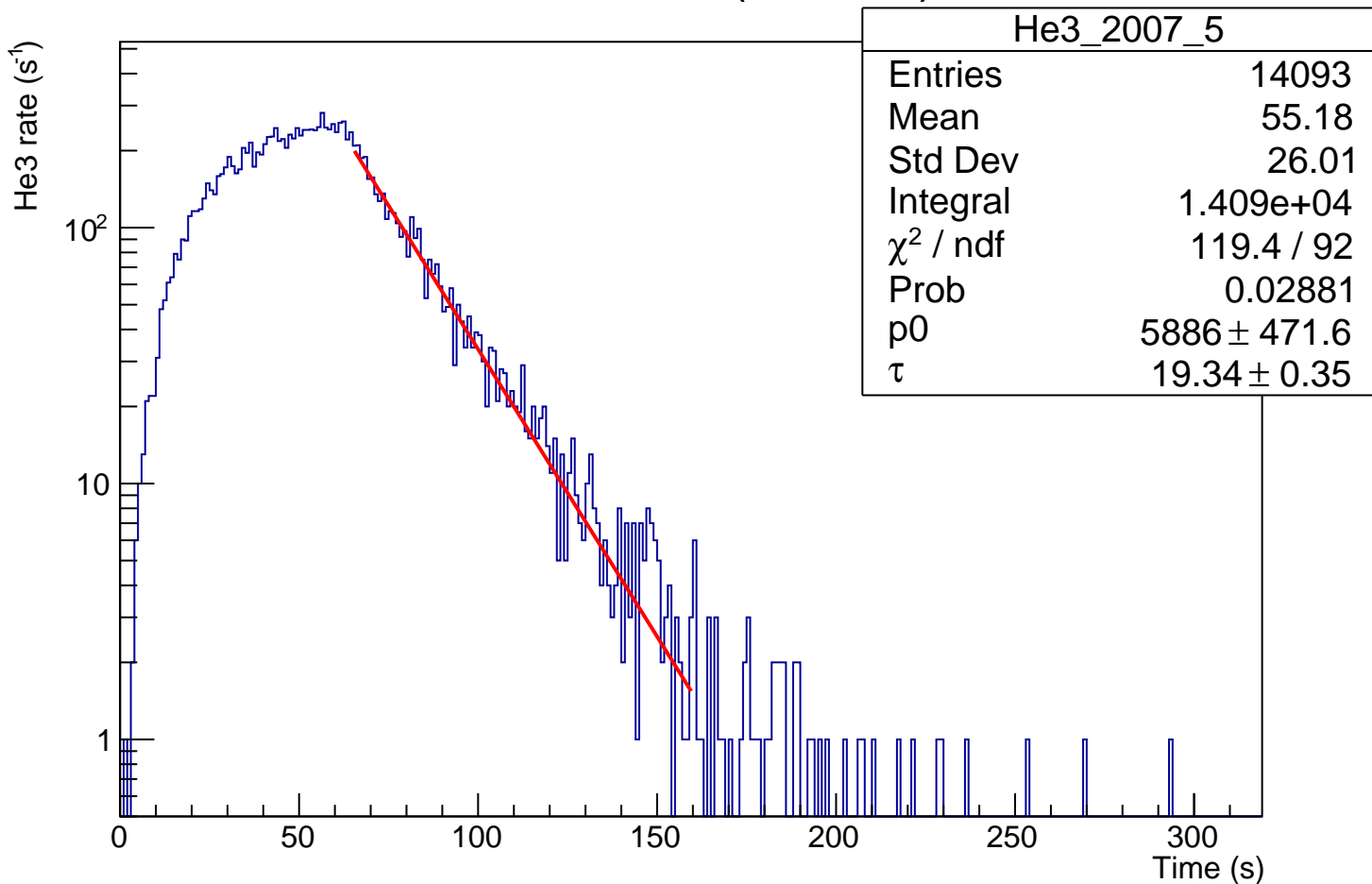
# TCN19-120A (He3 rate)



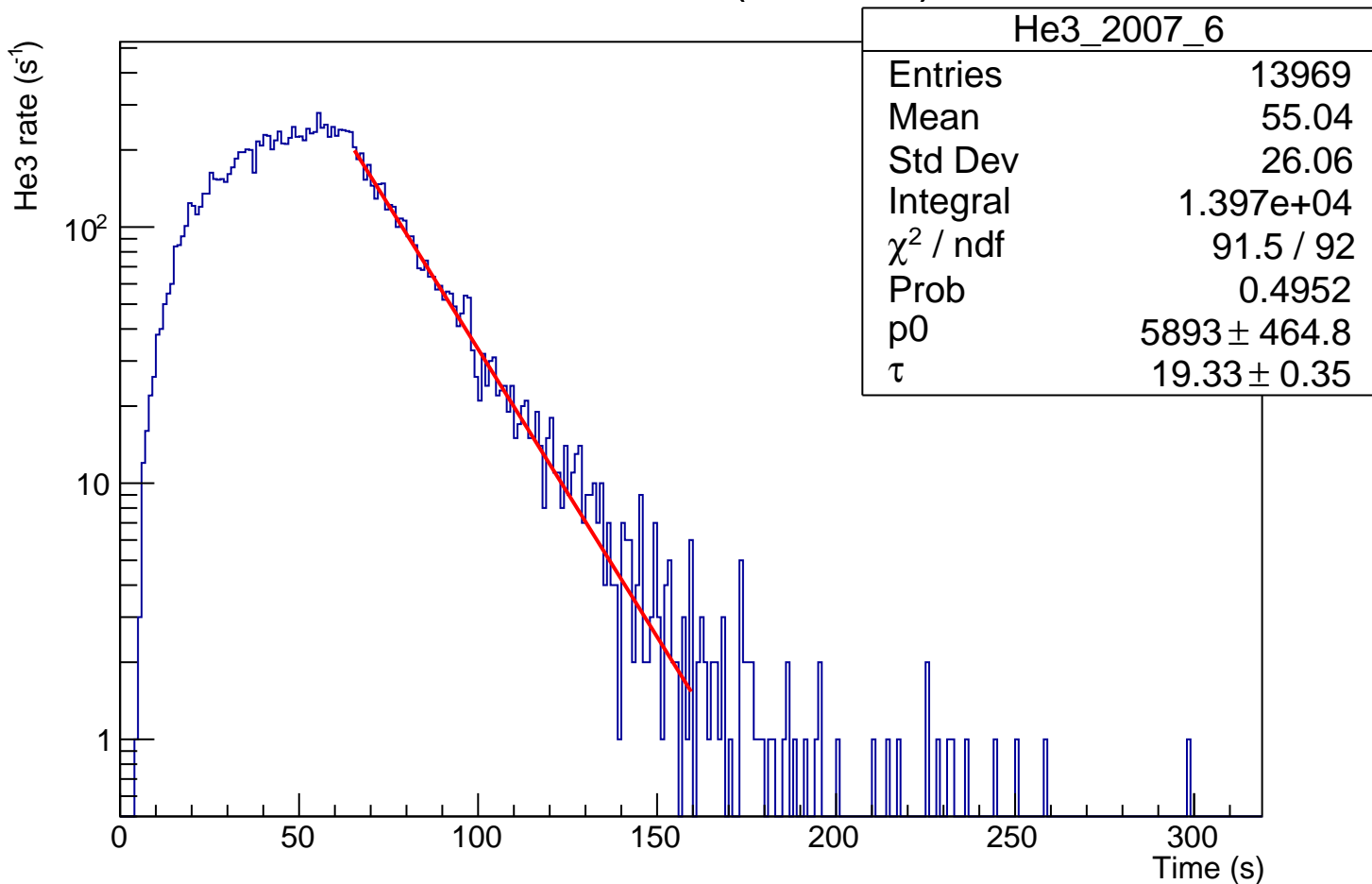
# TCN19-120A (He3 rate)



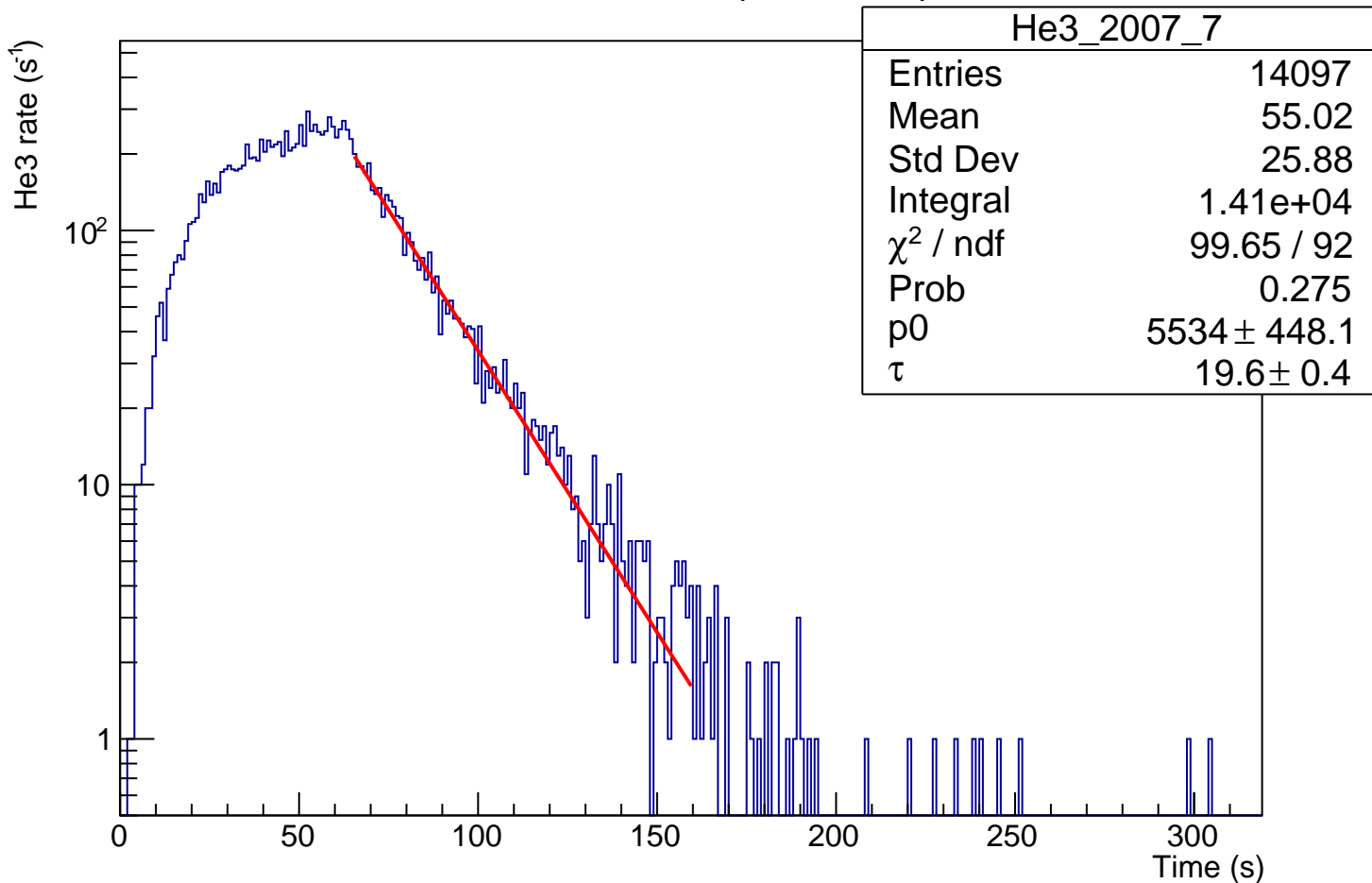
# TCN19-120A (He3 rate)



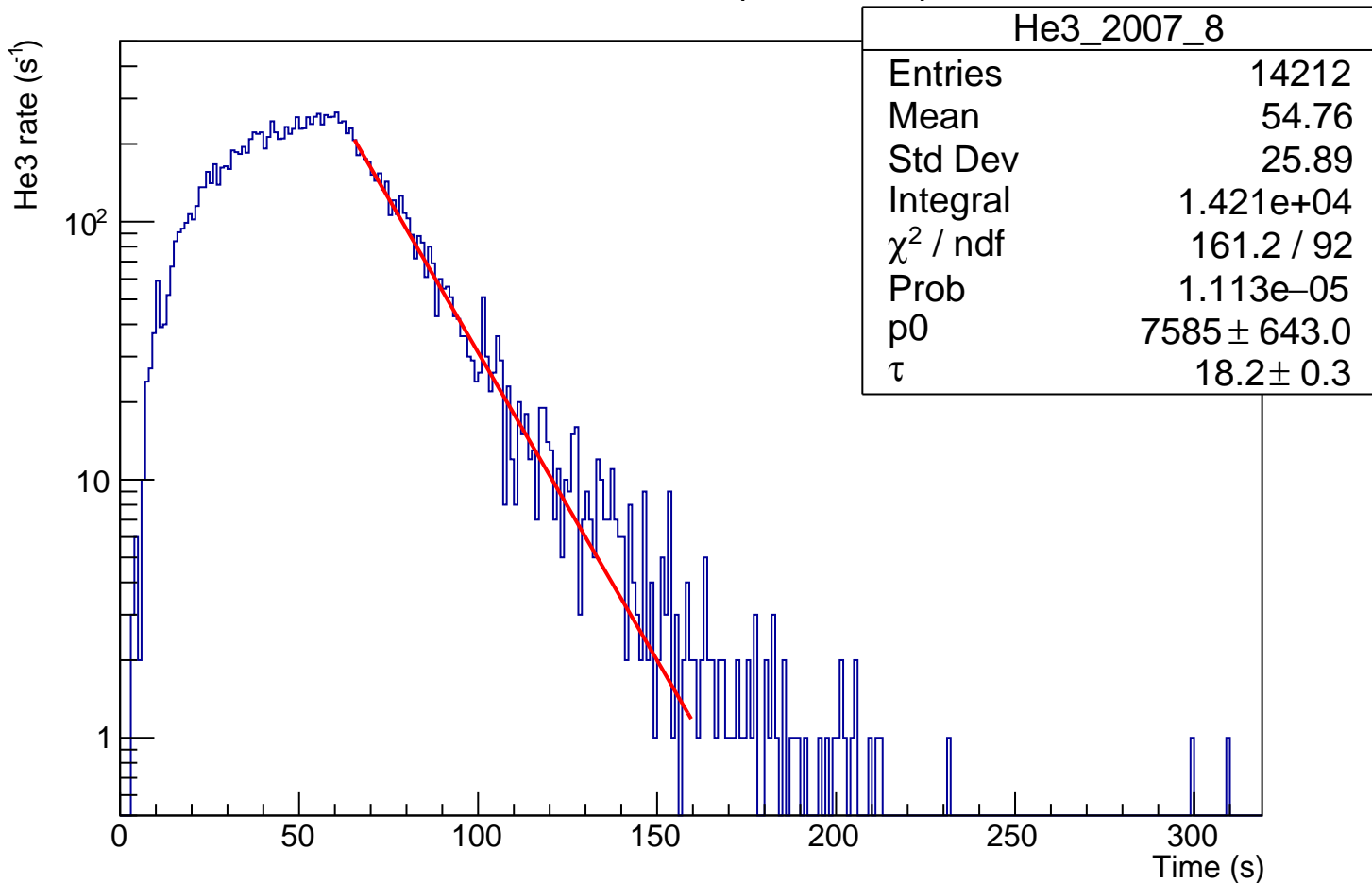
# TCN19-120A (He3 rate)



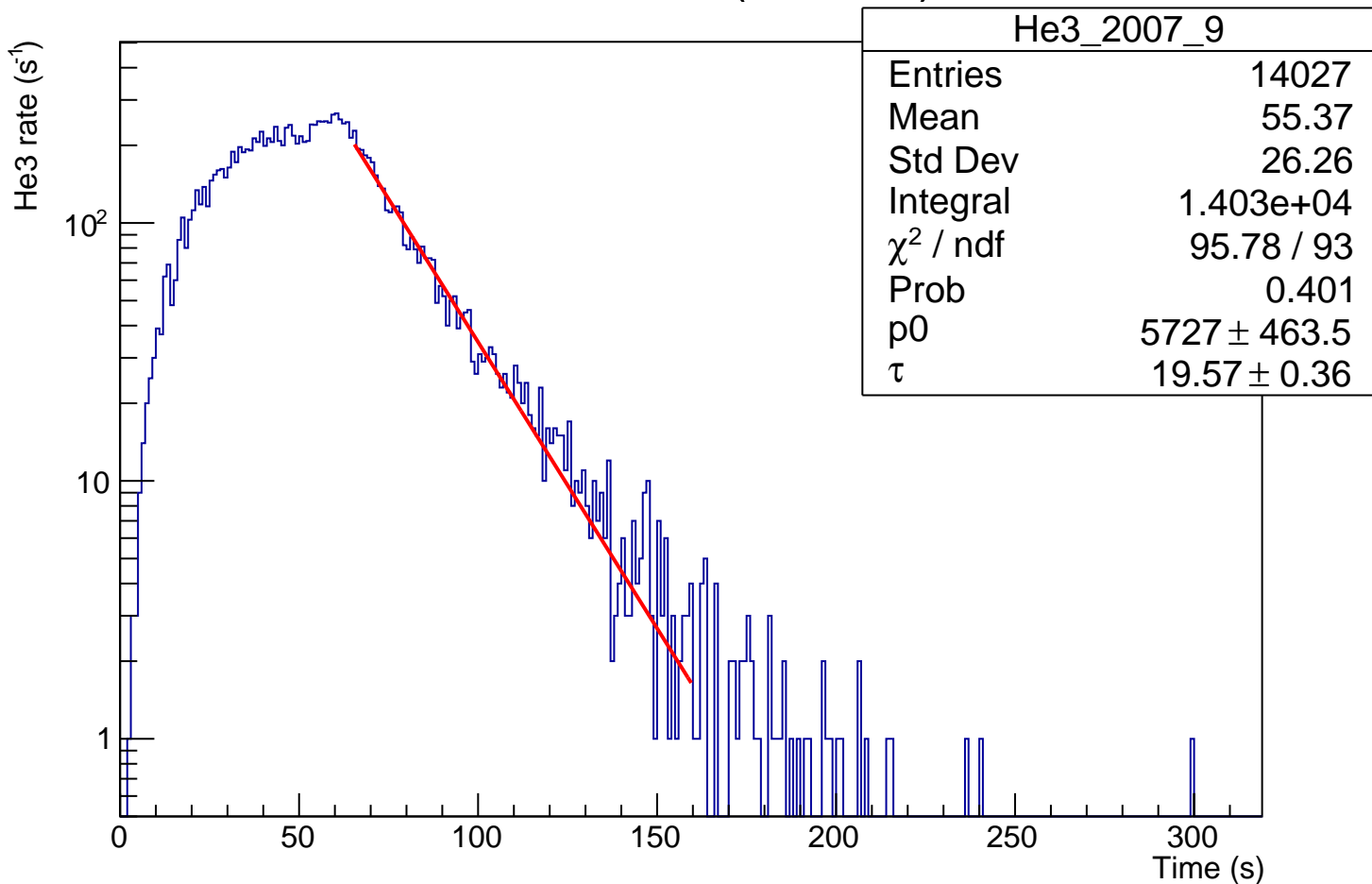
# TCN19-120A (He3 rate)



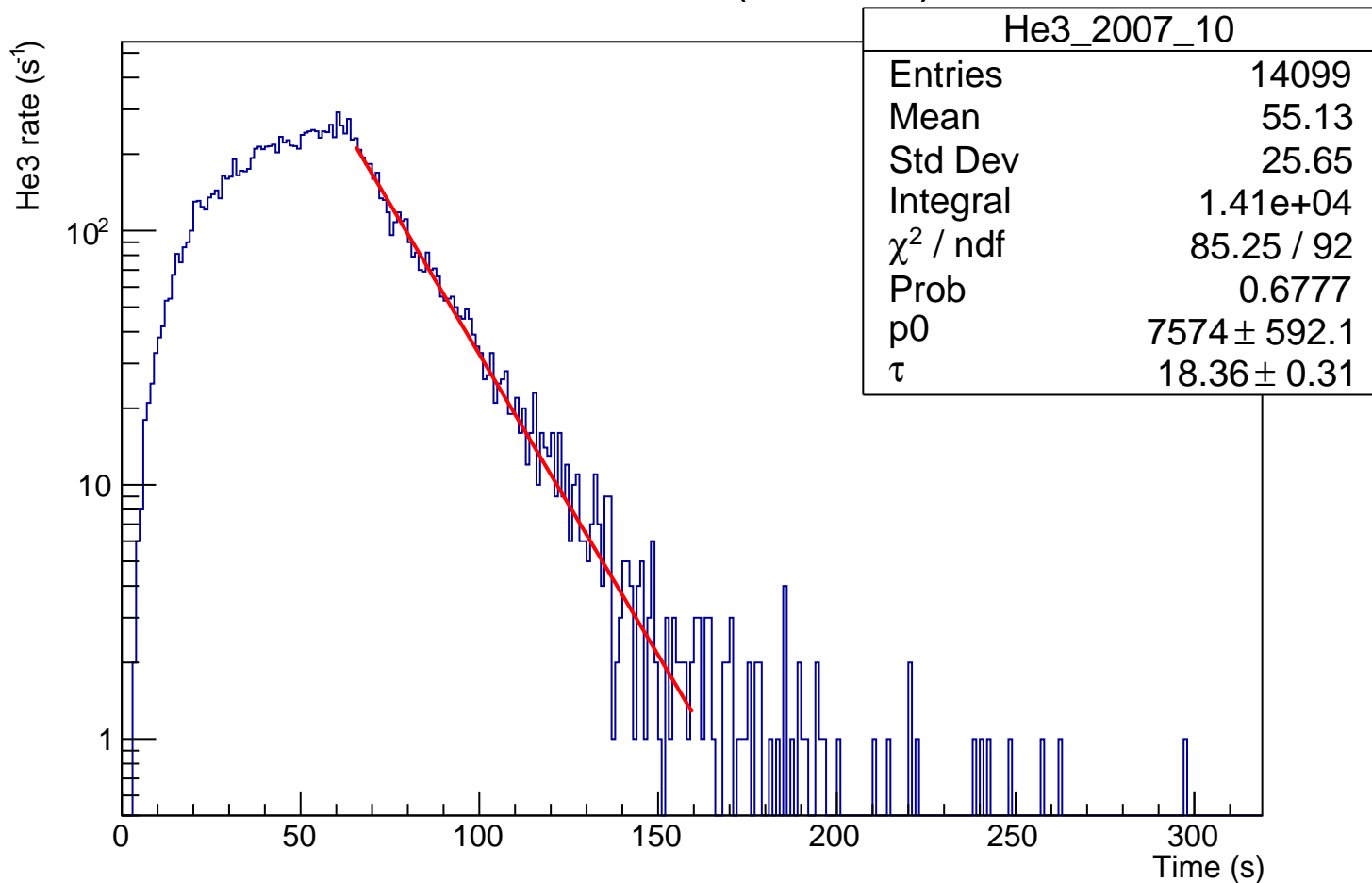
# TCN19-120A (He3 rate)



# TCN19-120A (He3 rate)

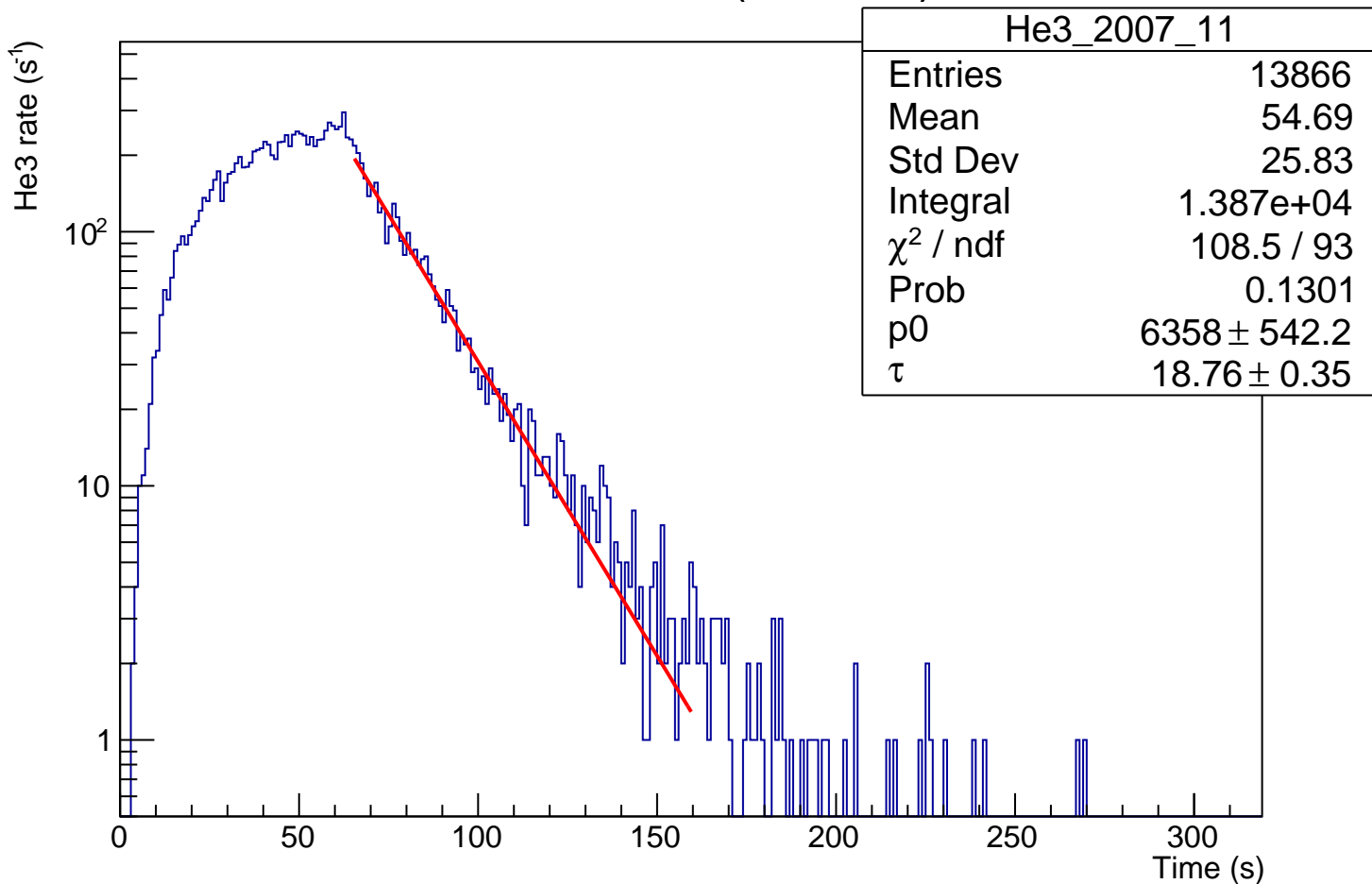


# TCN19-120A (He3 rate)

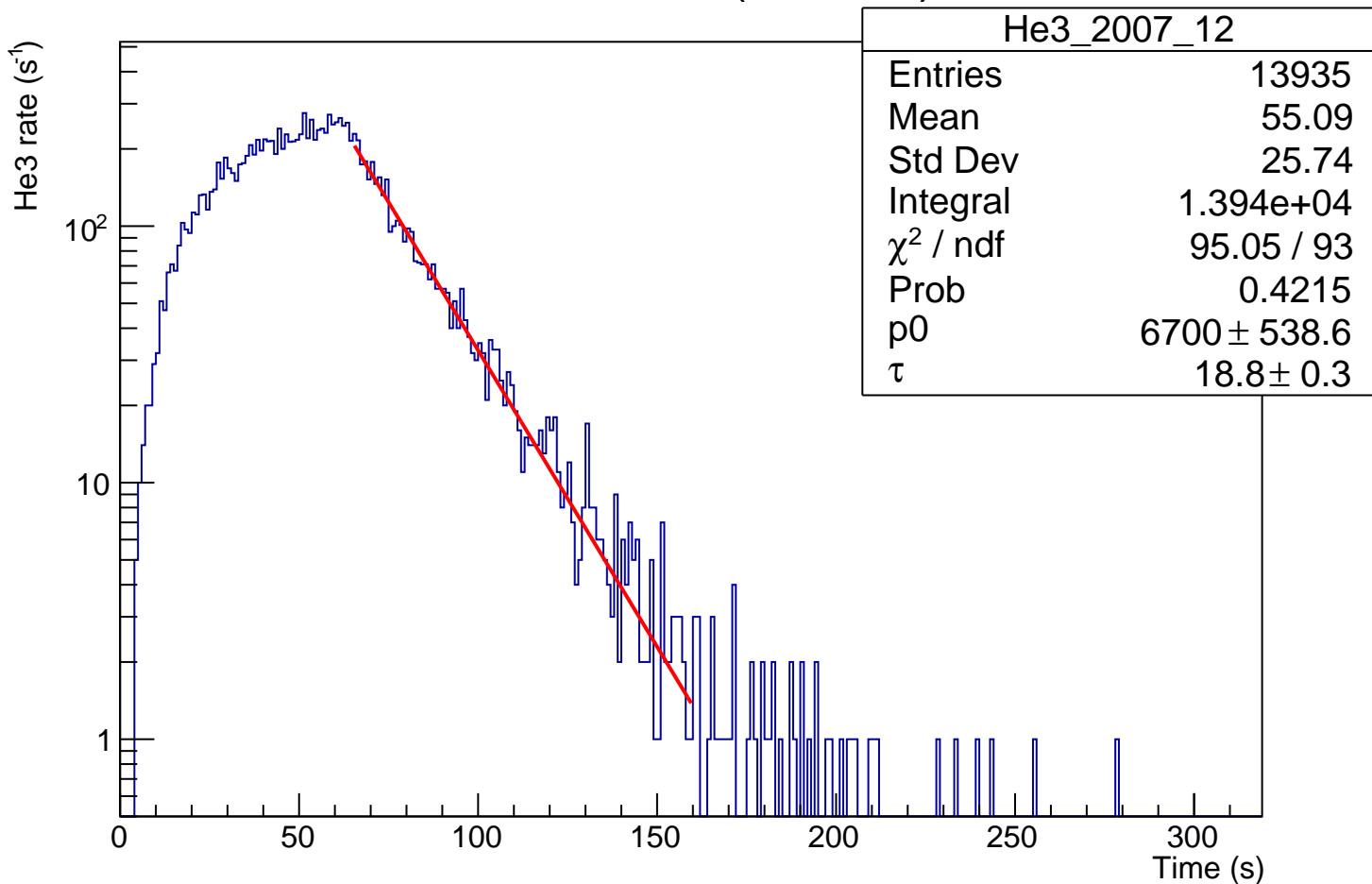




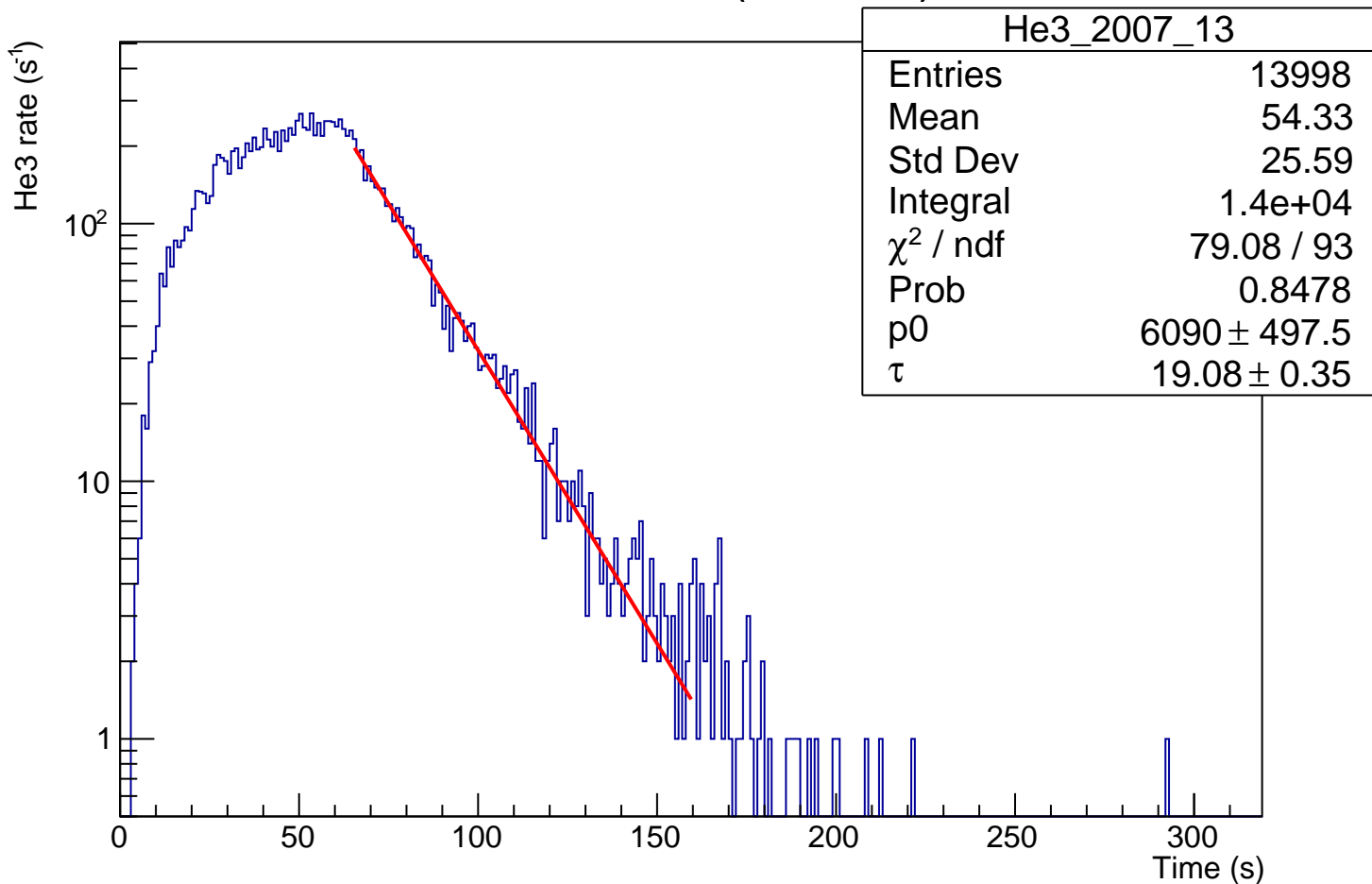
# TCN19-120A (He3 rate)



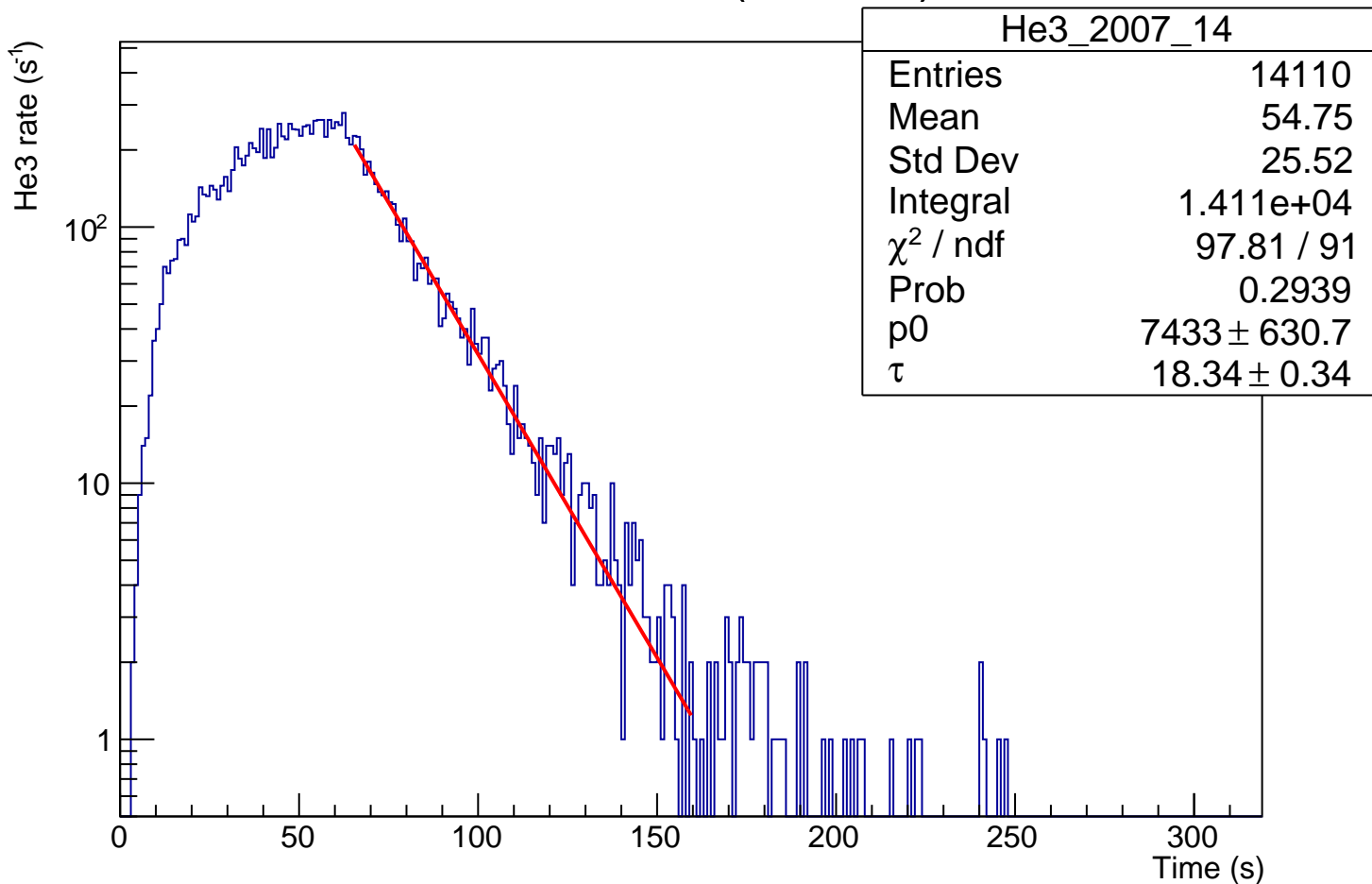
# TCN19-120A (He3 rate)



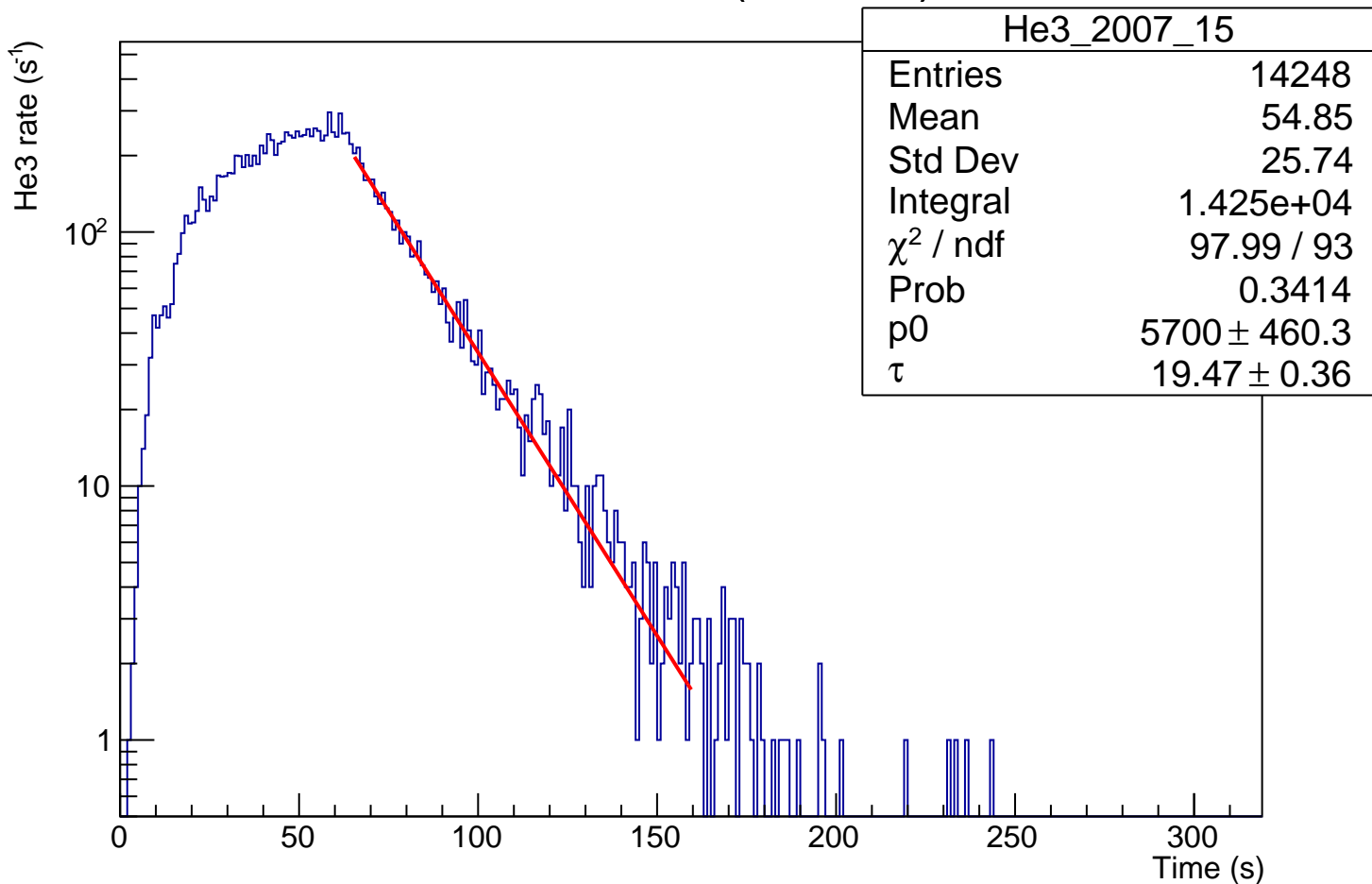
# TCN19-120A (He3 rate)



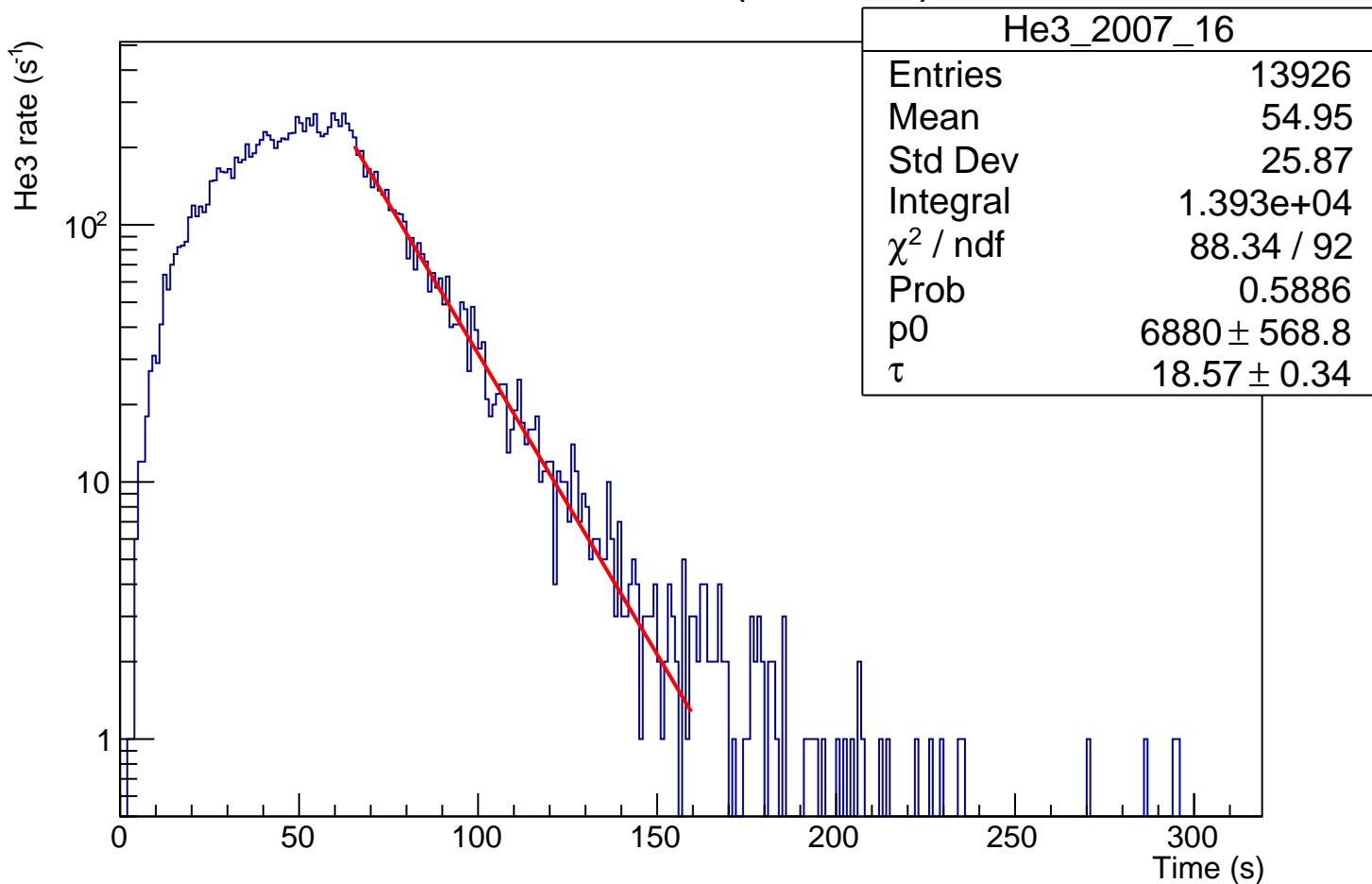
# TCN19-120A (He3 rate)



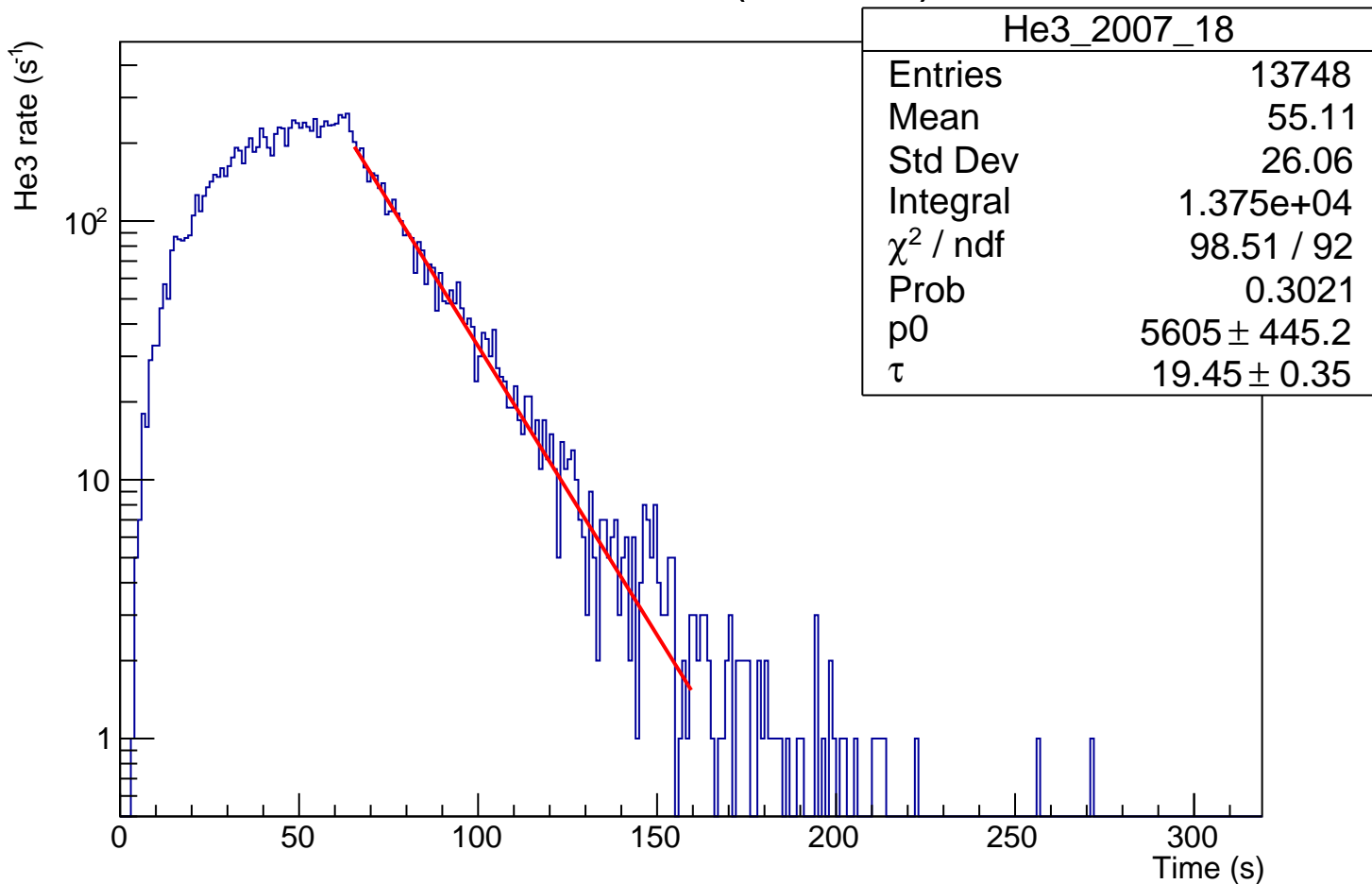
# TCN19-120A (He3 rate)



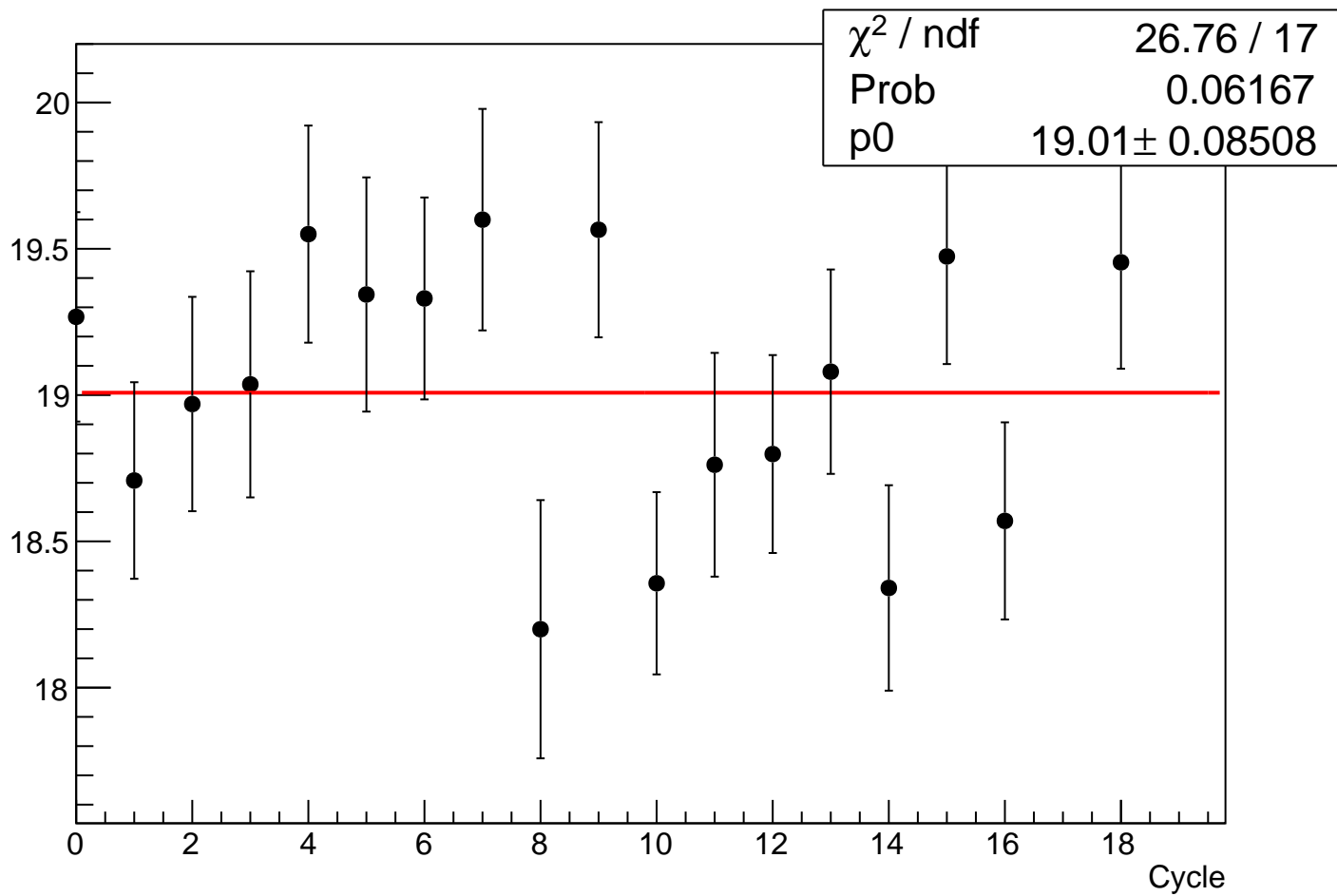
# TCN19-120A (He3 rate)



# TCN19-120A (He3 rate)



Pinhole storage lifetime (s)





# TCN19-120A

