

UCN-count-to-monitor ratio

10

1

0

20

40

60

80

100

120

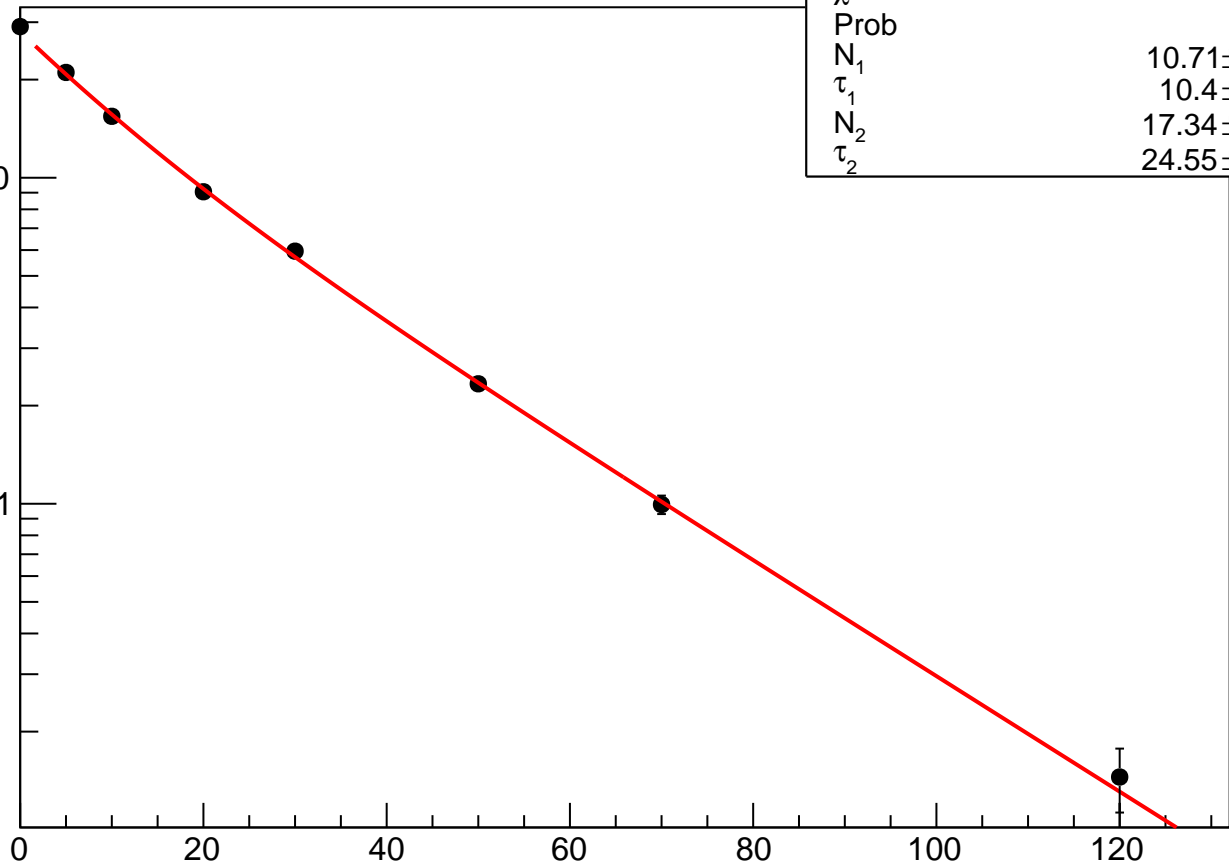
Storage time (s)

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

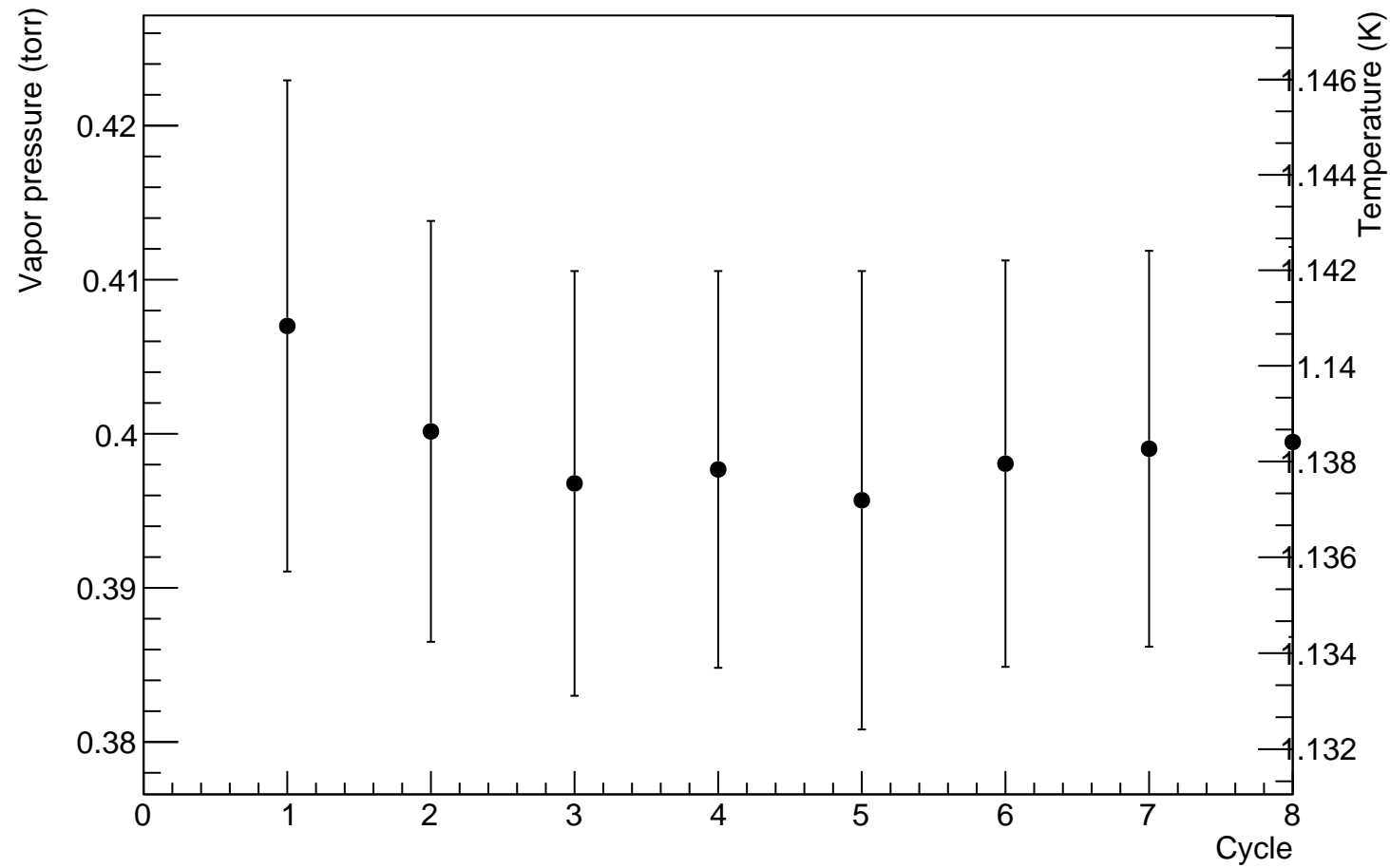
1.563 / 3

Prob

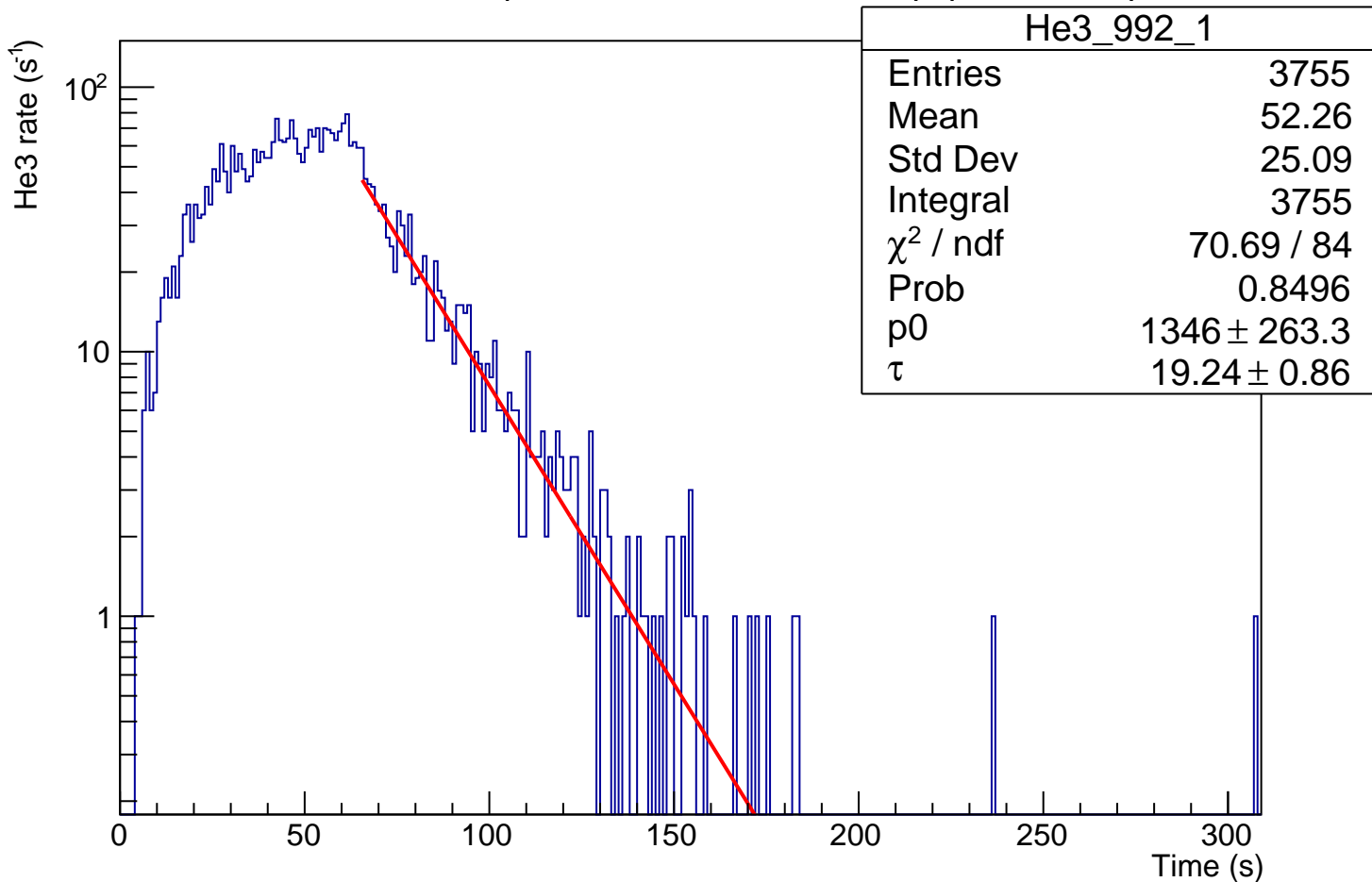
0.6678

 $N_1$  $10.71 \pm 9.588$  $\tau_1$  $10.4 \pm 11.25$  $N_2$  $17.34 \pm 12.85$  $\tau_2$  $24.55 \pm 5.525$ 

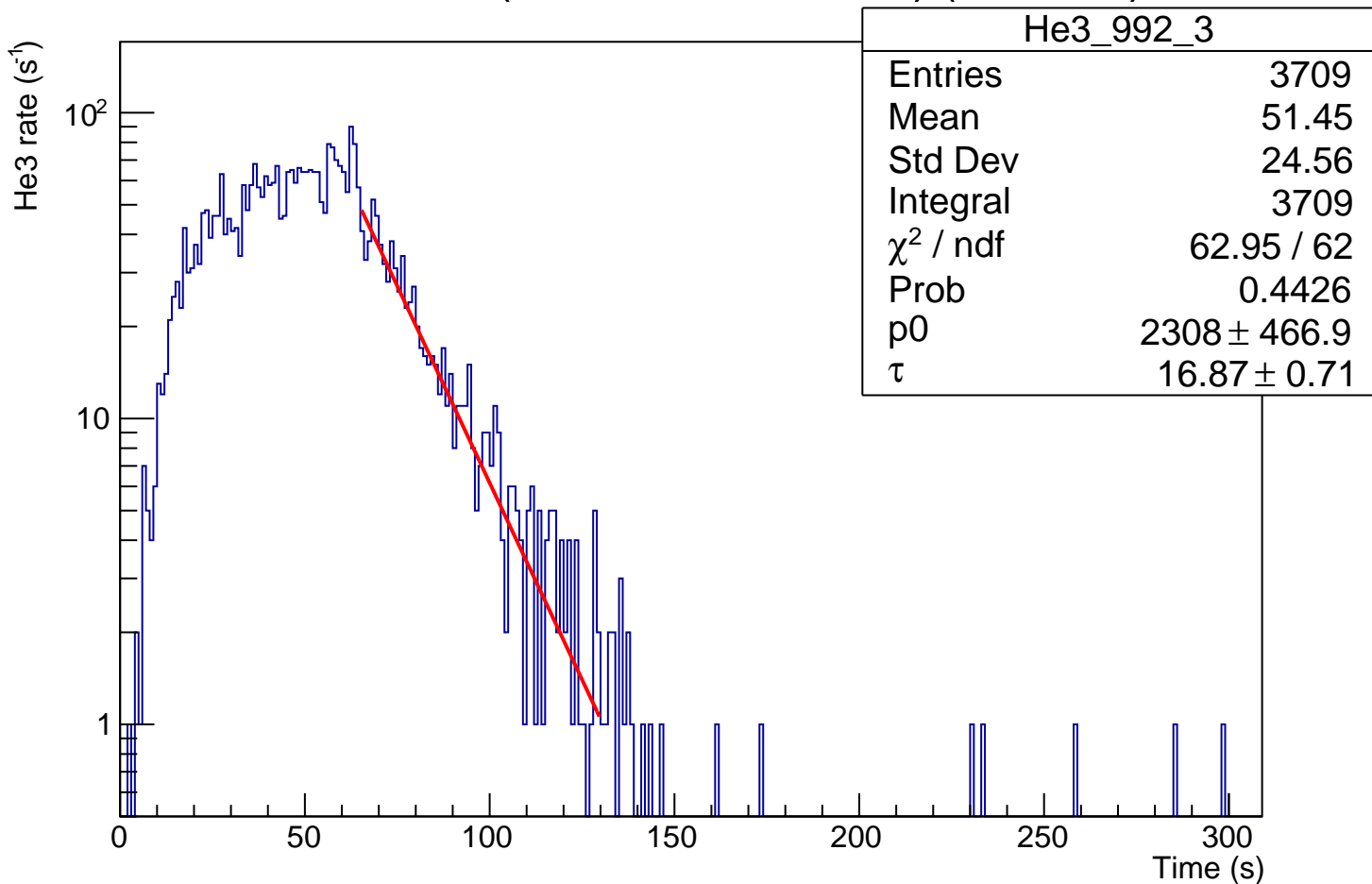
# Graph



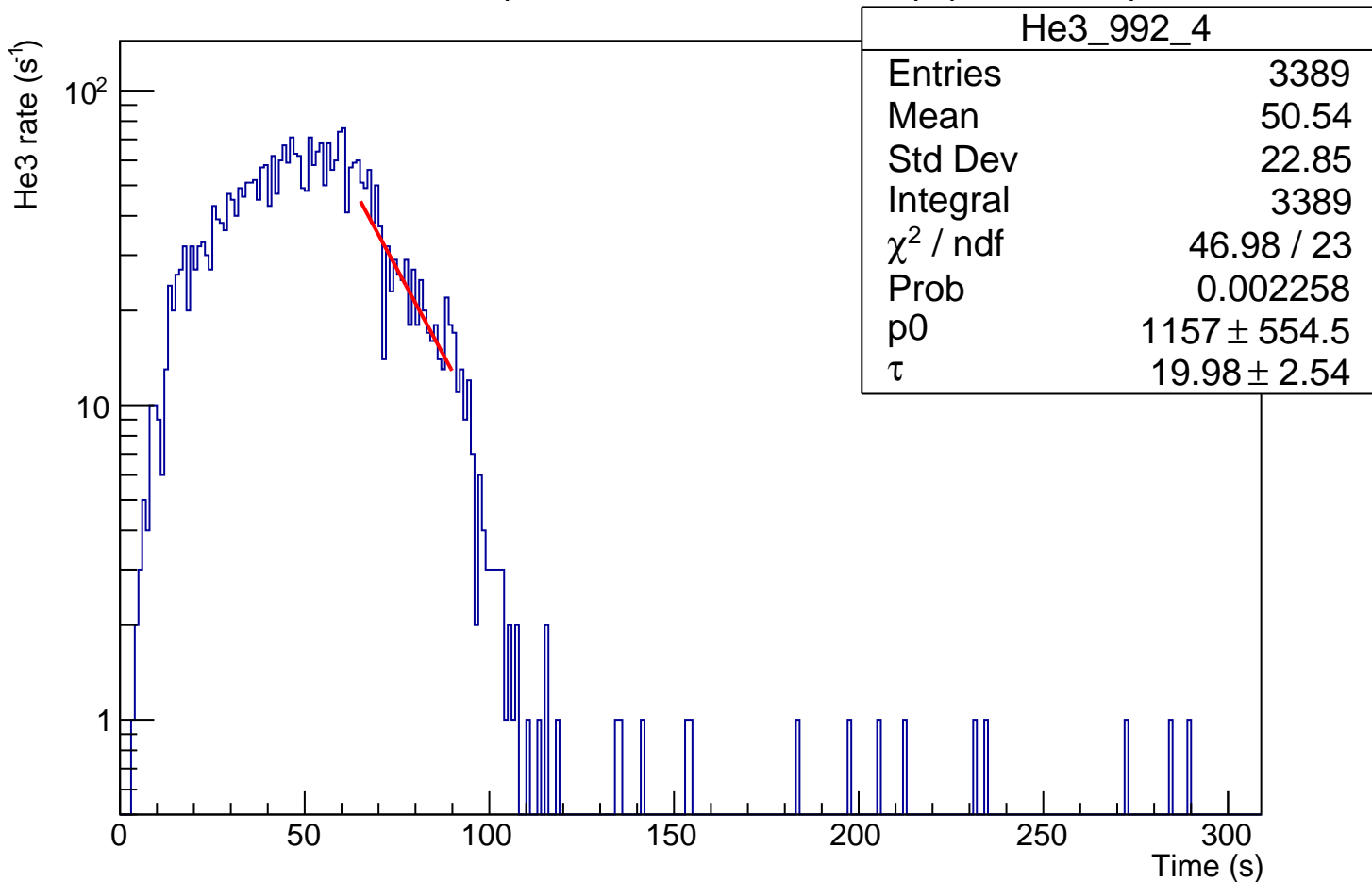
# TCN18-087 (UGD22+19, IV1-IV3) (He3 rate)



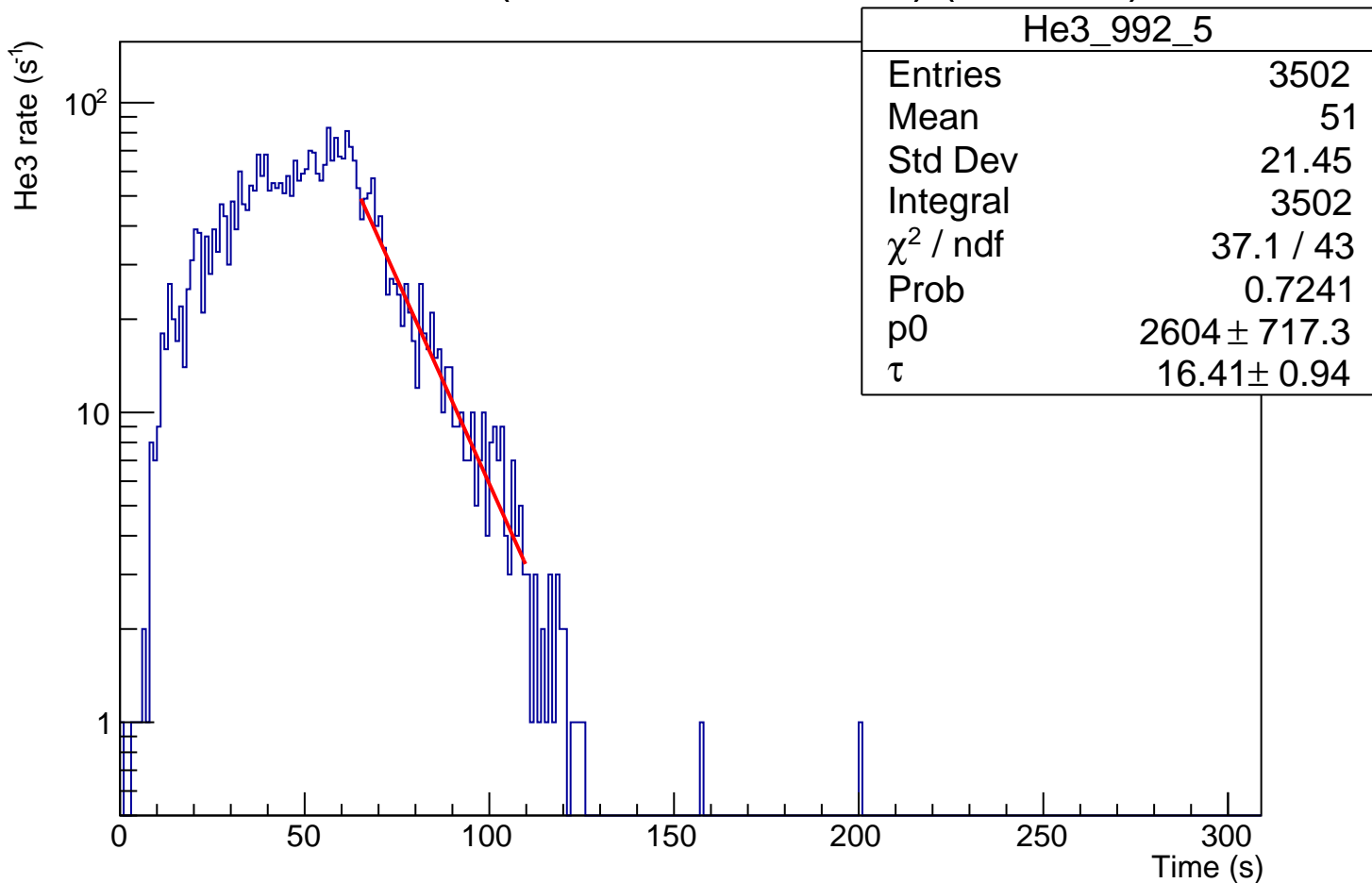
# TCN18-087 (UGD22+19, IV1-IV3) (He3 rate)



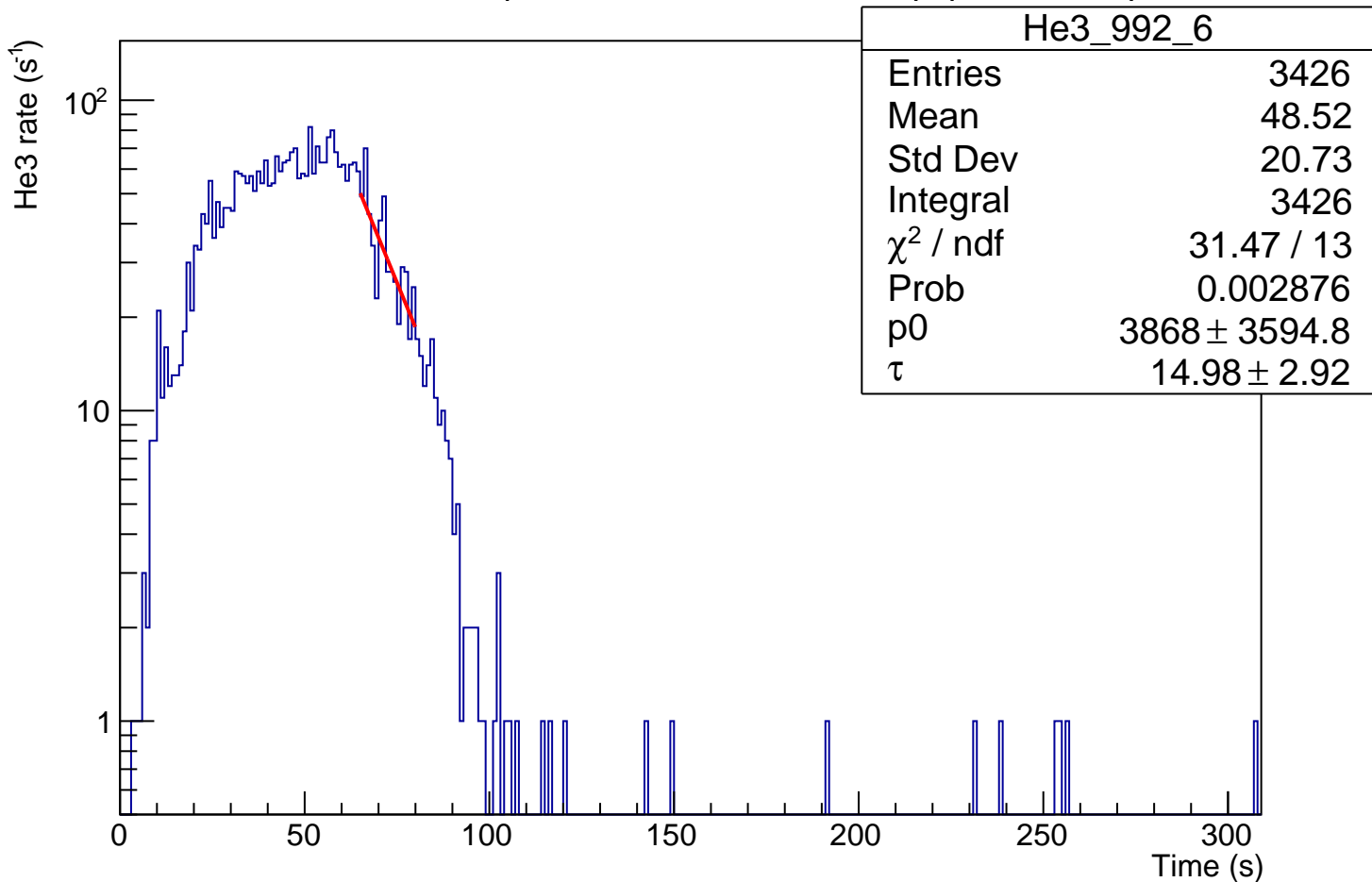
# TCN18-087 (UGD22+19, IV1-IV3) (He3 rate)



# TCN18-087 (UGD22+19, IV1-IV3) (He3 rate)



# TCN18-087 (UGD22+19, IV1-IV3) (He3 rate)





Pinhole storage lifetime (s)

24  
22  
20  
18  
16  
14  
12  
10



1

1.5

2.5

3.5

4.5

5

Cycle

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

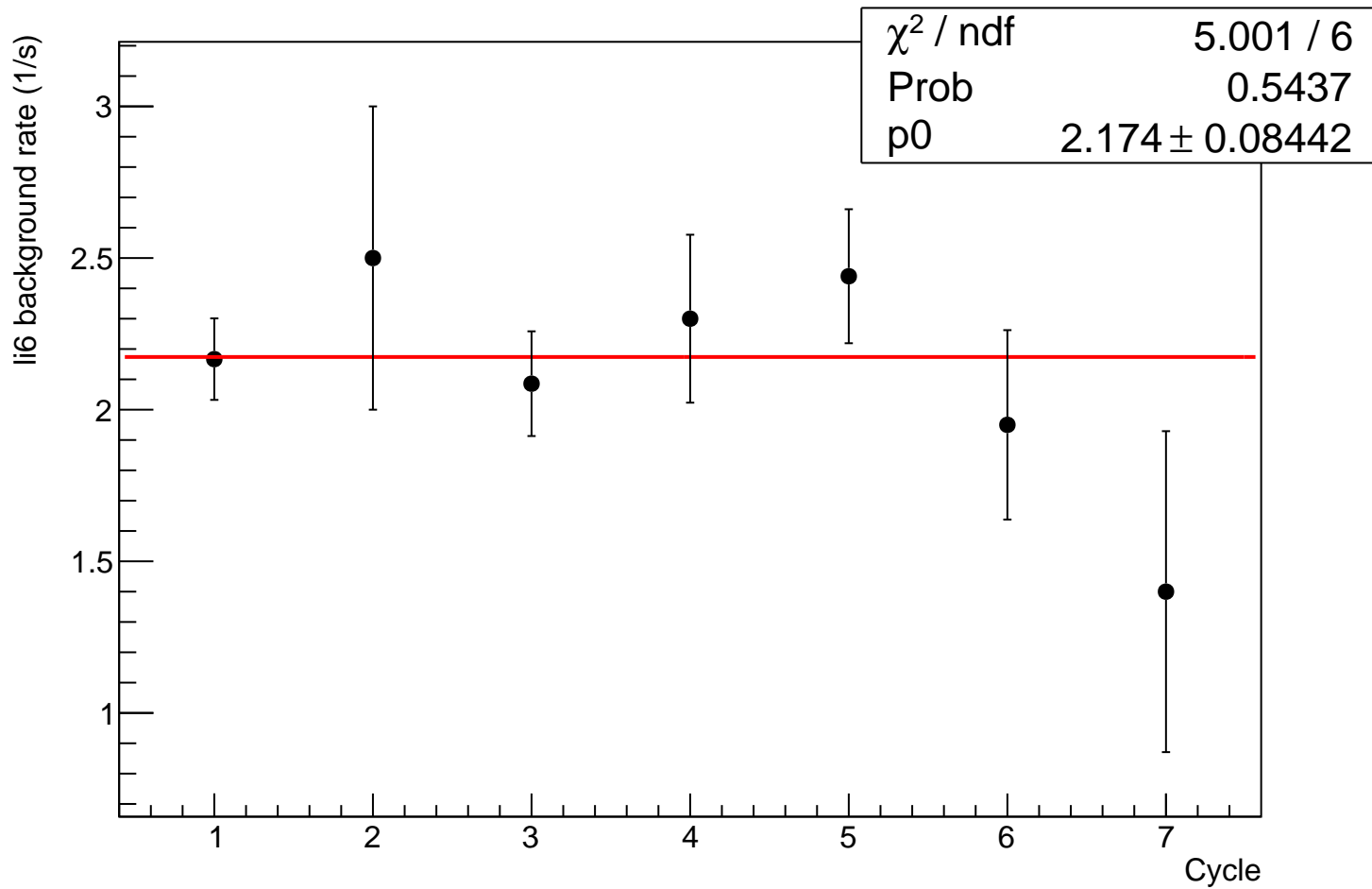
6.987 / 4

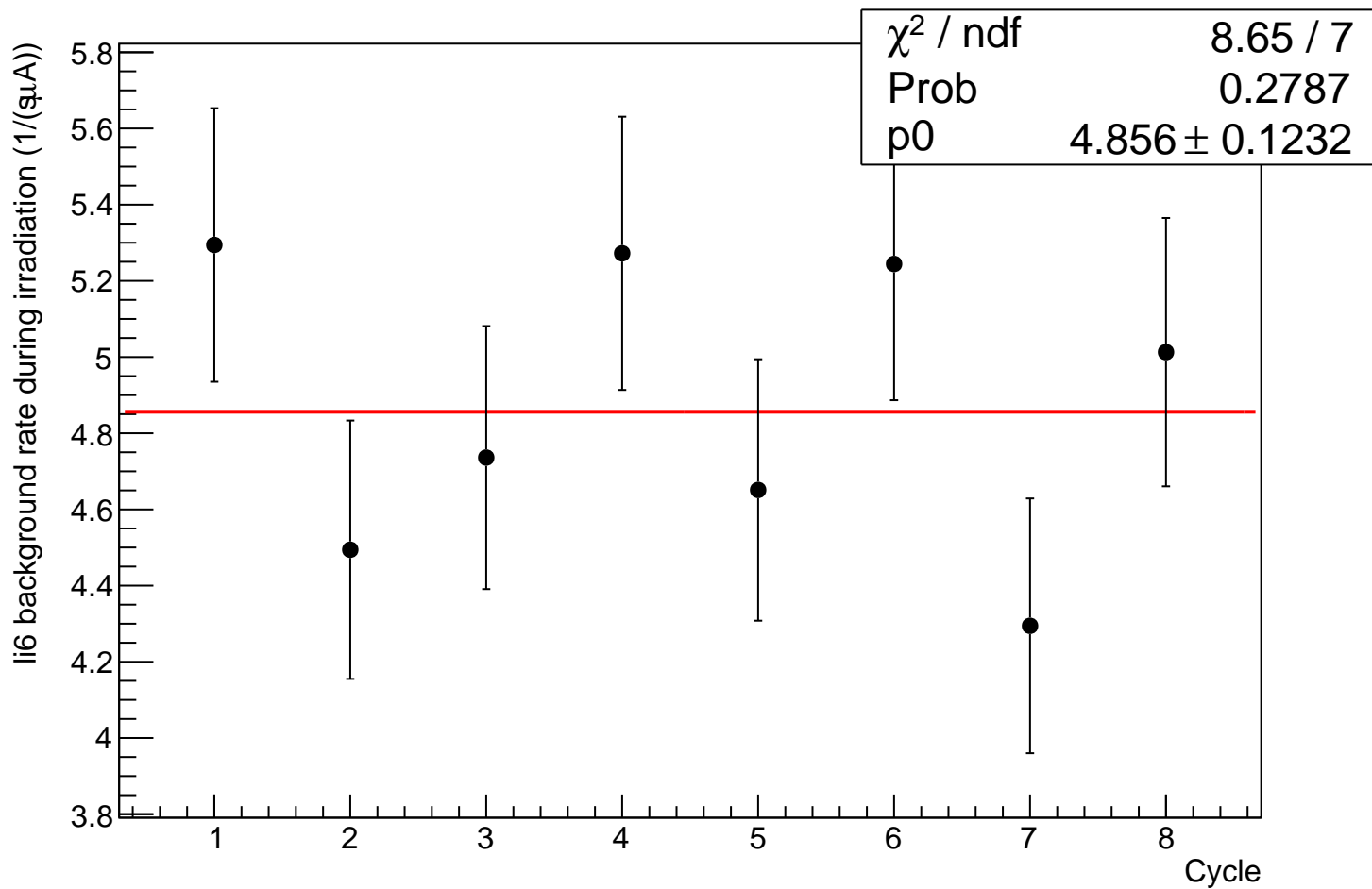
Prob

0.1366

p0

$17.49 \pm 0.4667$





# TCN18-087 (UGD22+19, IV1-IV3)

