

TCN19-102 (single 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

Storage time (s)

χ^2 / ndf

21.83 / 14

Prob

0.08226

p0

0.81 ± 0.00732

τ

42.65 ± 0.5413

0

20

40

60

80

100

120

Storage time (s)

TCN19-102 (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

Storage time (s)

χ^2 / ndf

21.83 / 12

Prob

0.03952

N_1

0.4129 ± 0.07126

τ_1

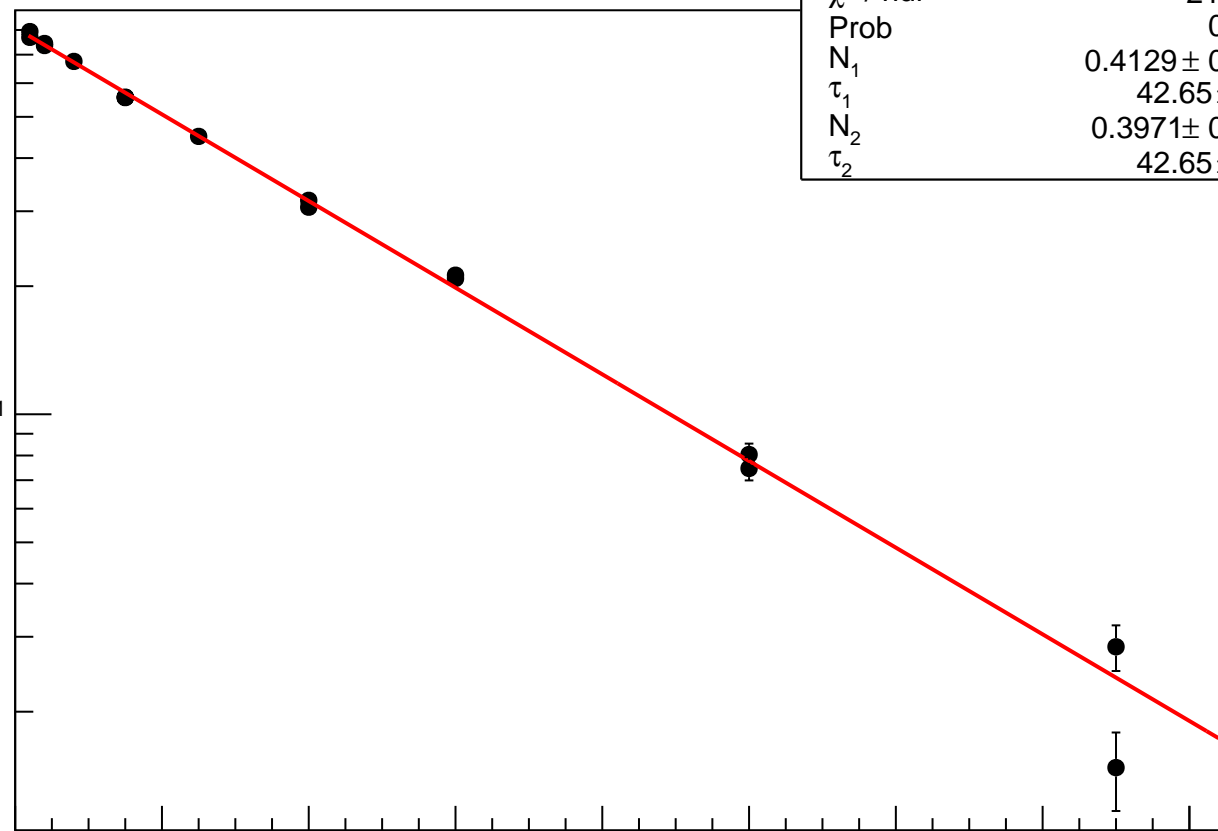
42.65 ± 4.567

N_2

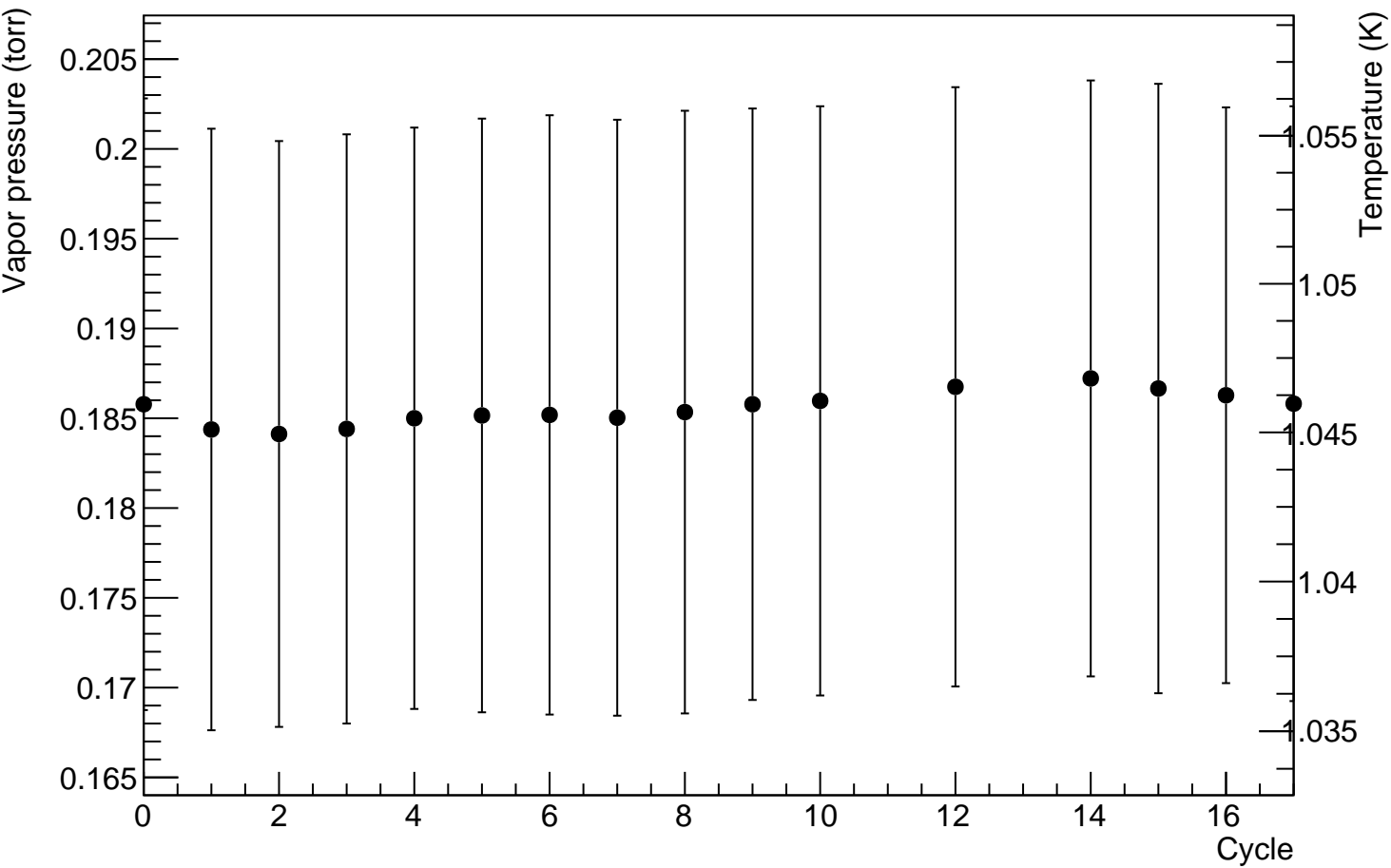
0.3971 ± 0.07126

τ_2

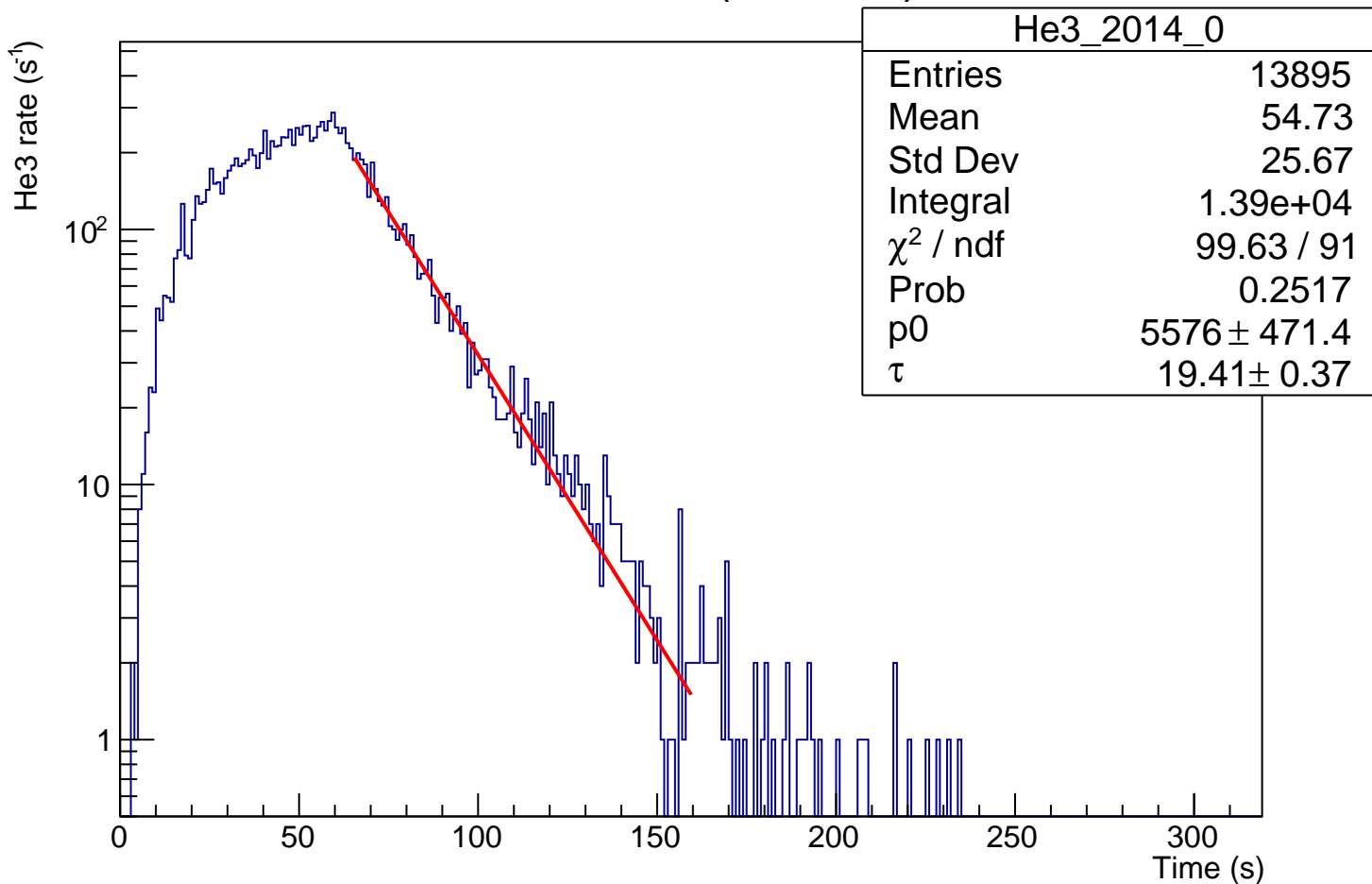
42.65 ± 4.746



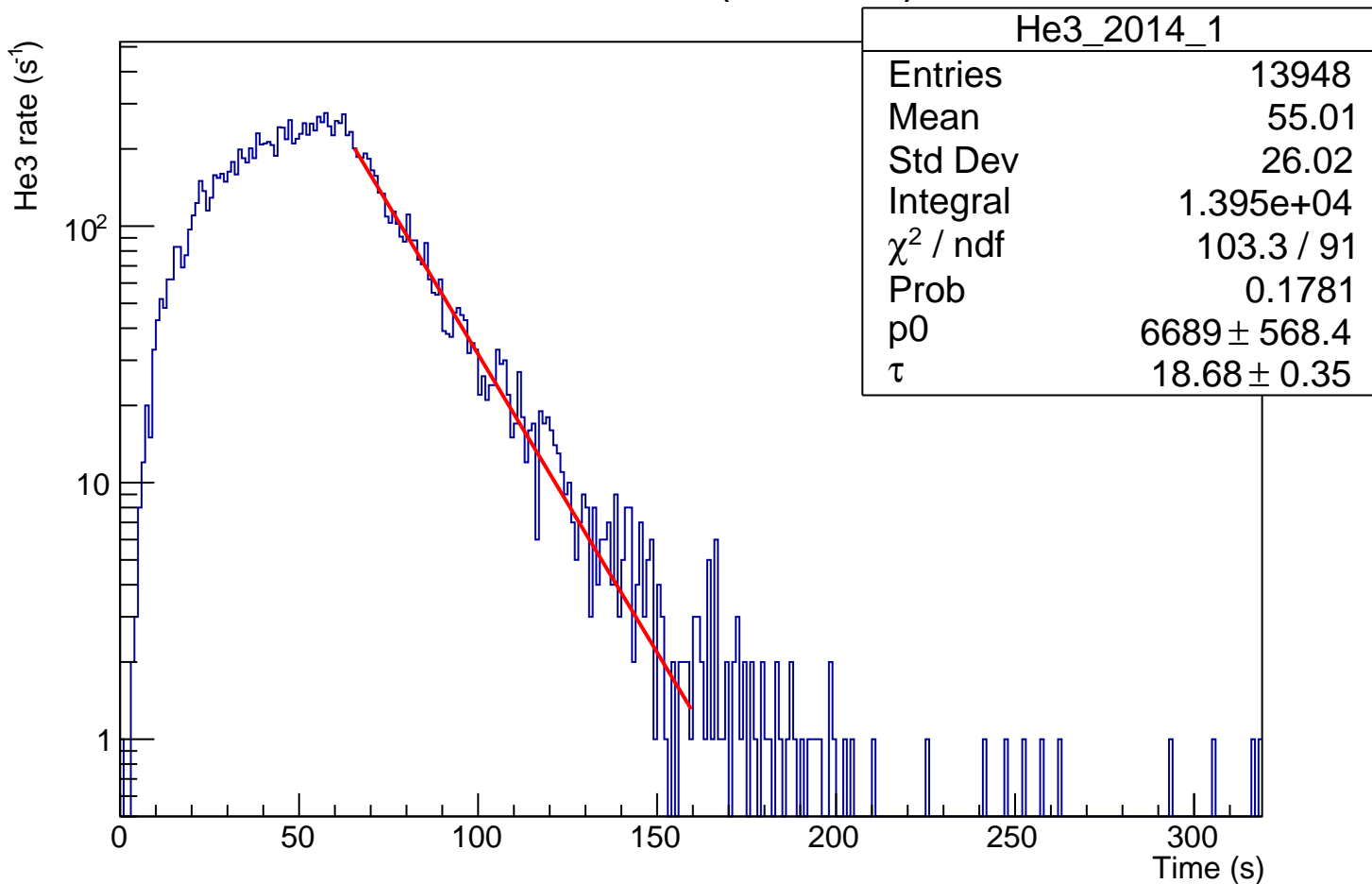
Graph



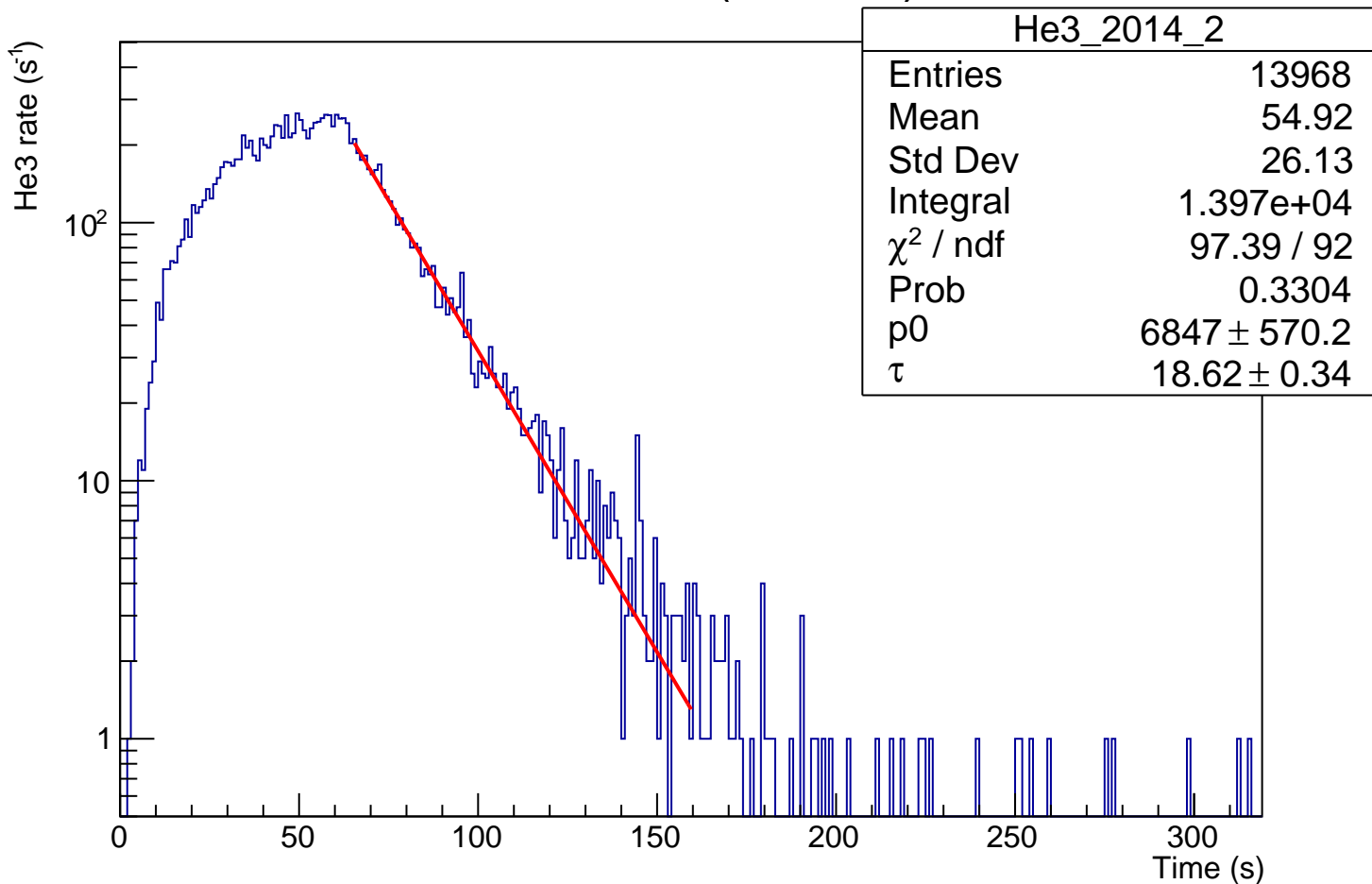
TCN19-102 (He3 rate)



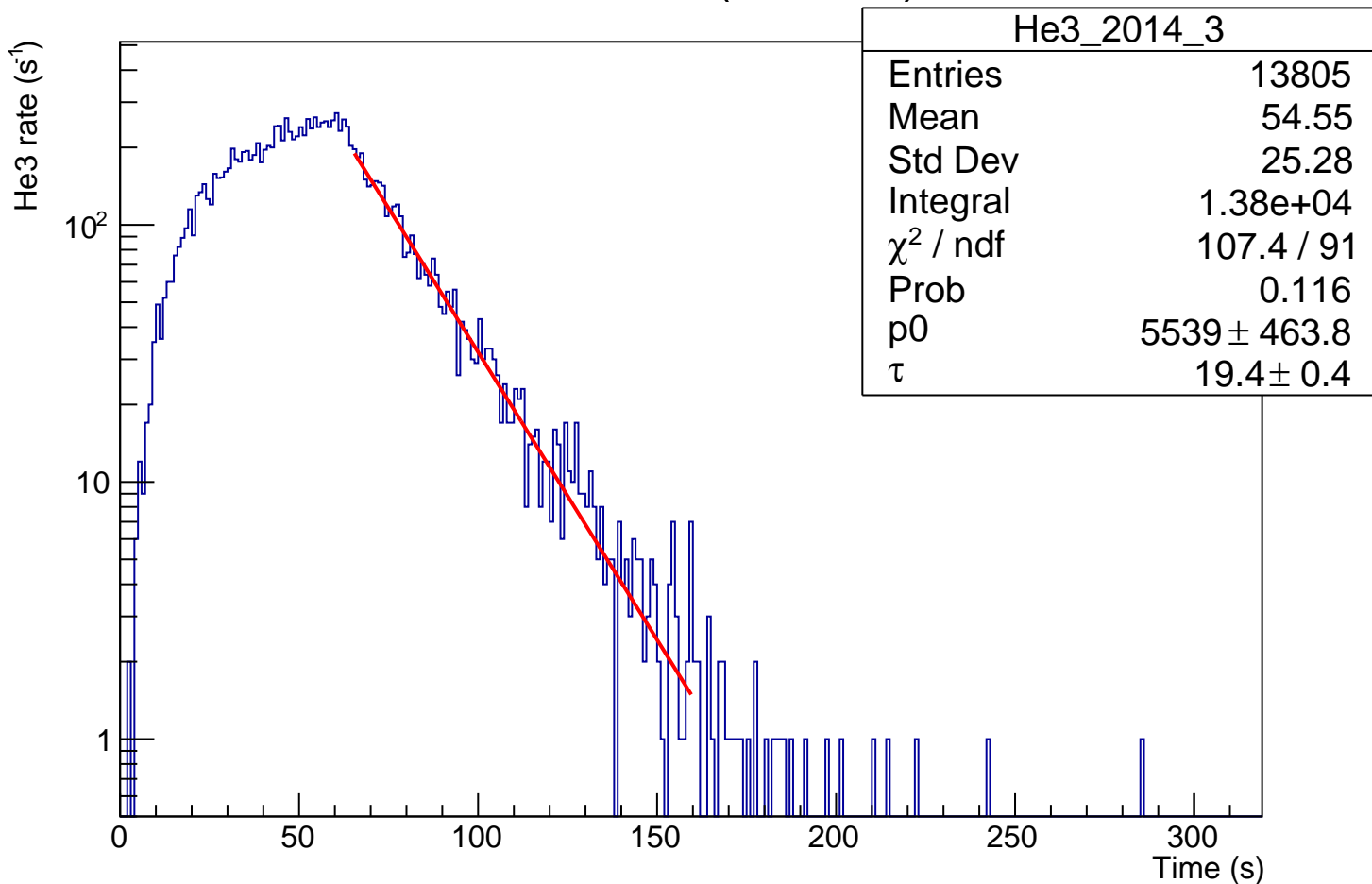
TCN19-102 (He3 rate)



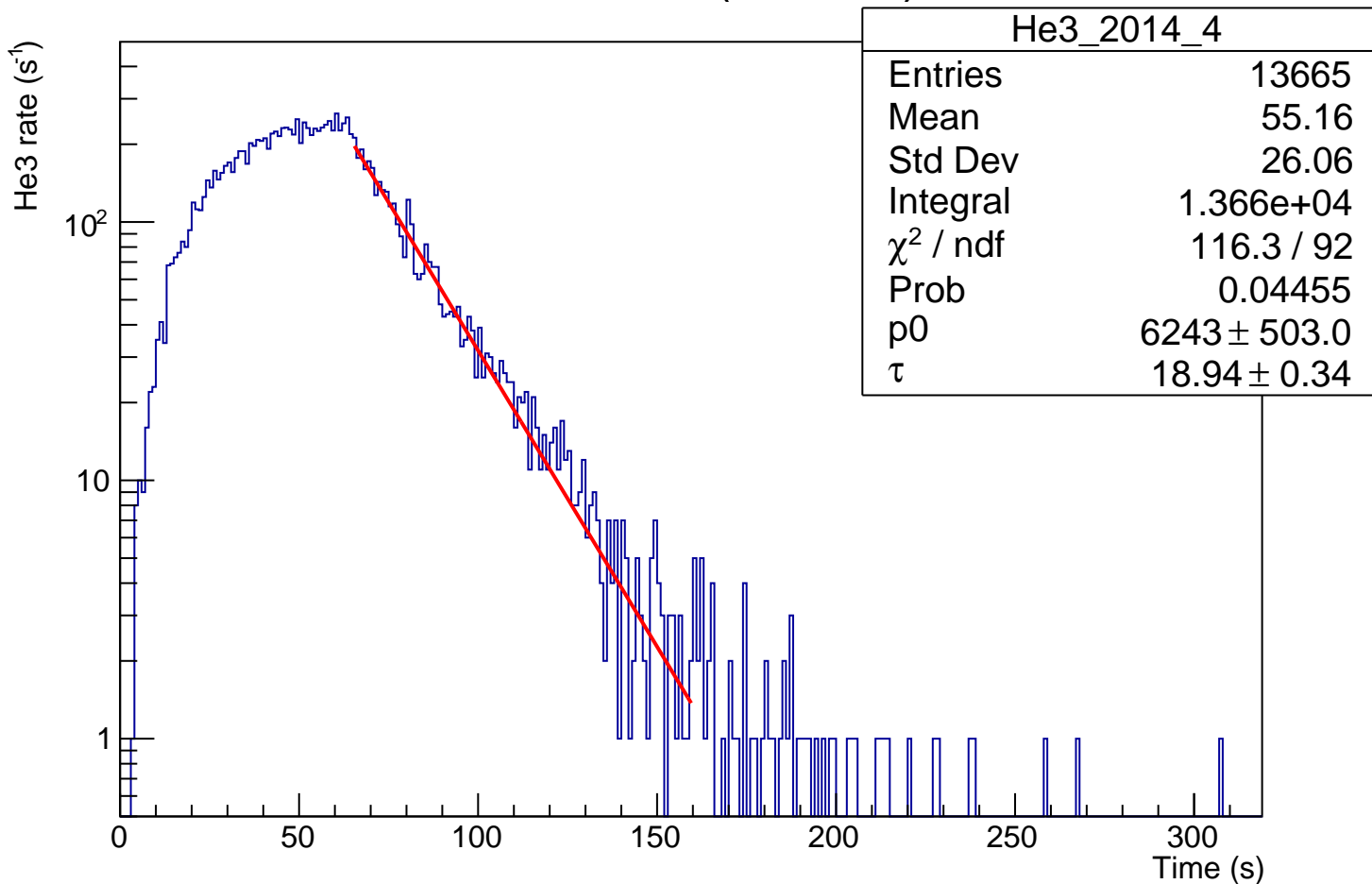
TCN19-102 (He3 rate)



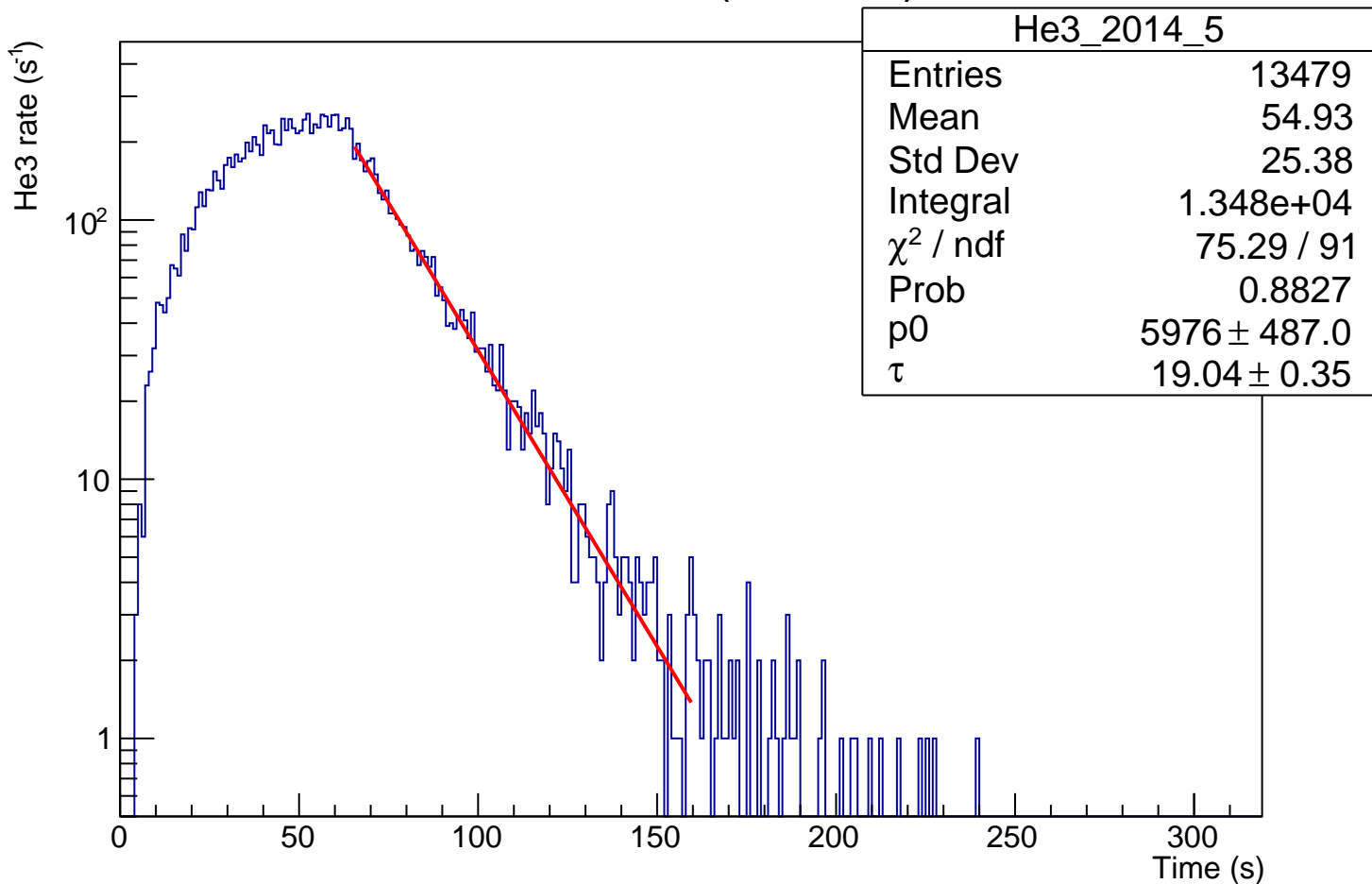
TCN19-102 (He3 rate)



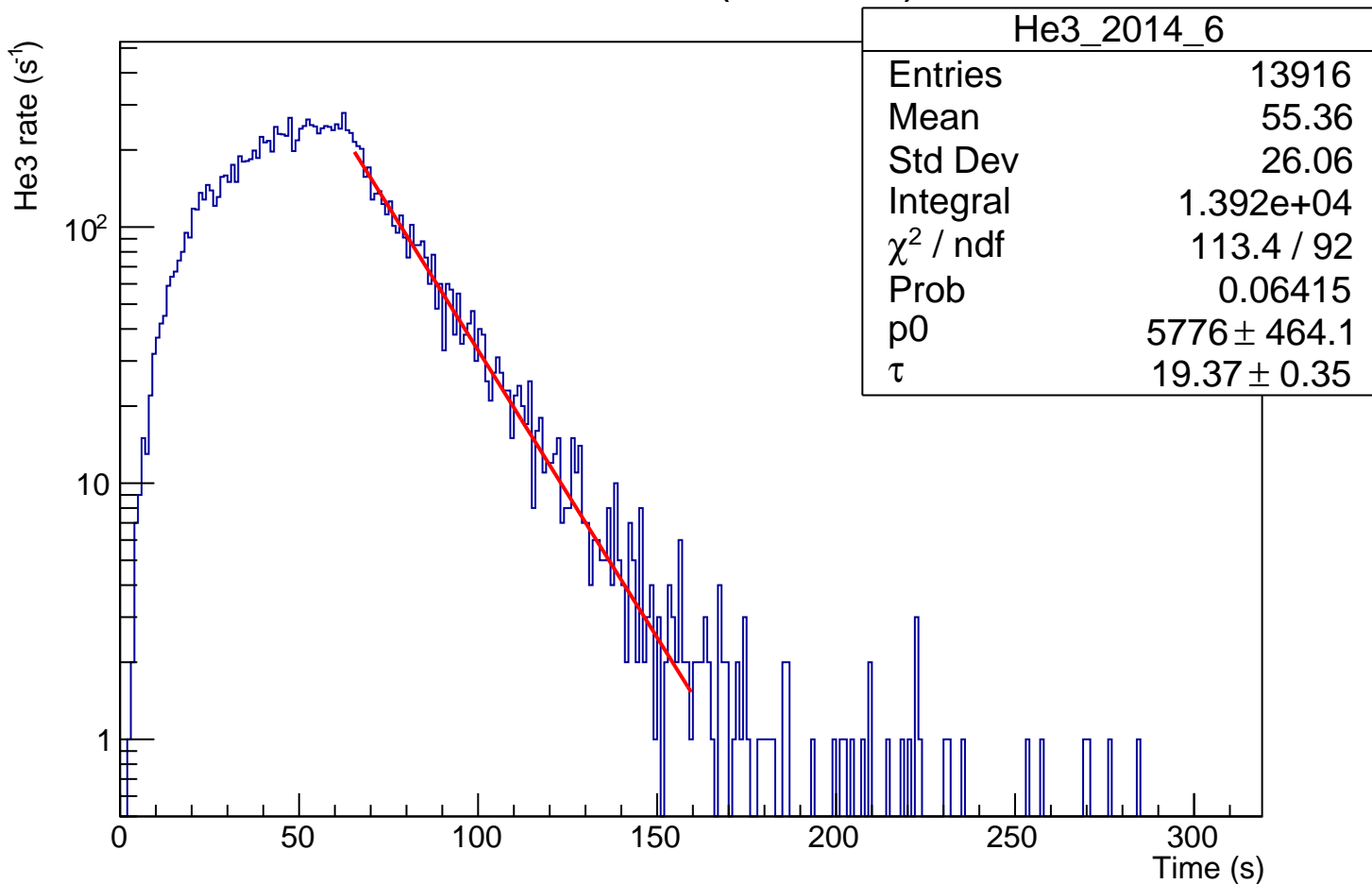
TCN19-102 (He3 rate)



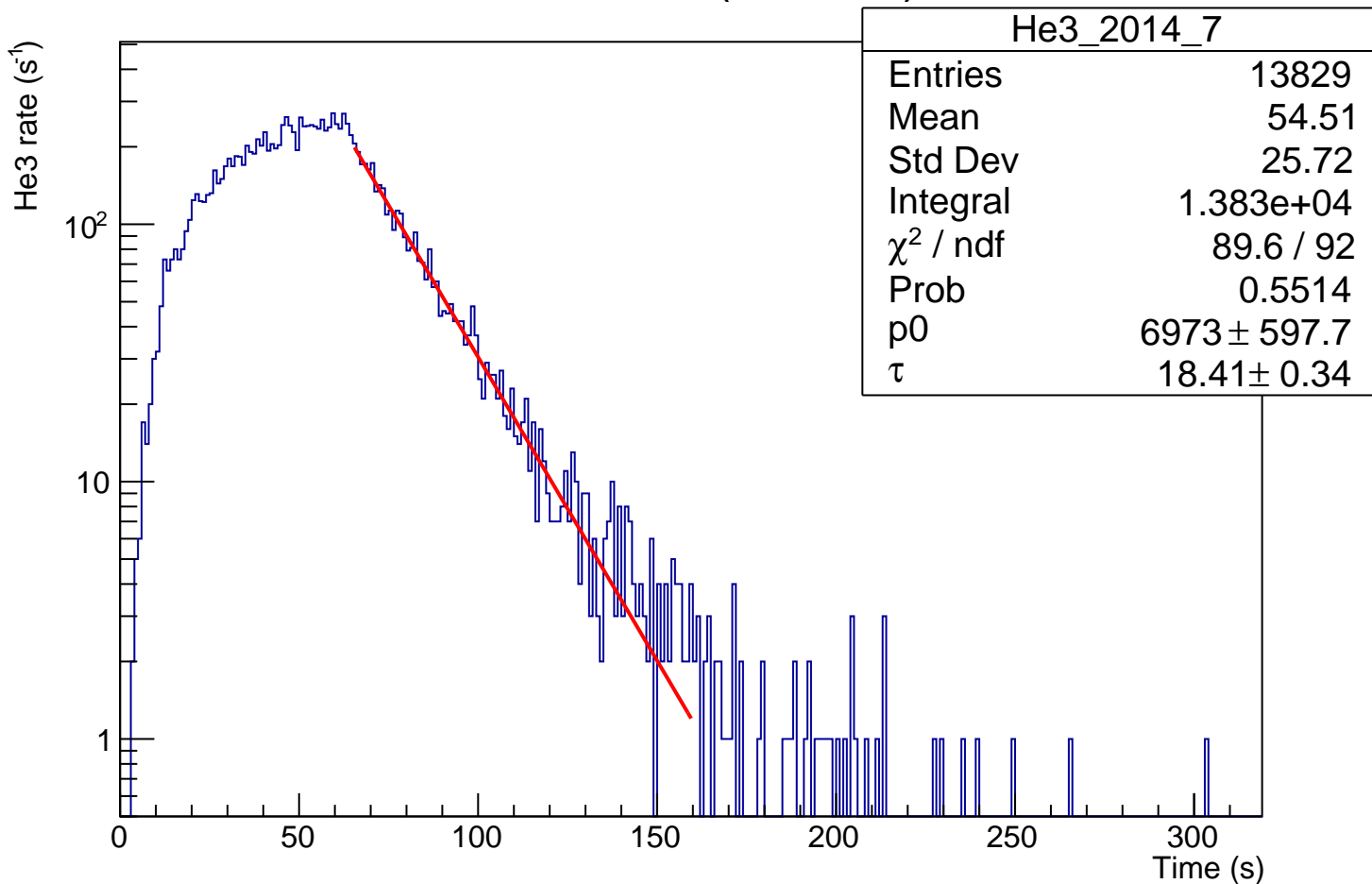
TCN19-102 (He3 rate)



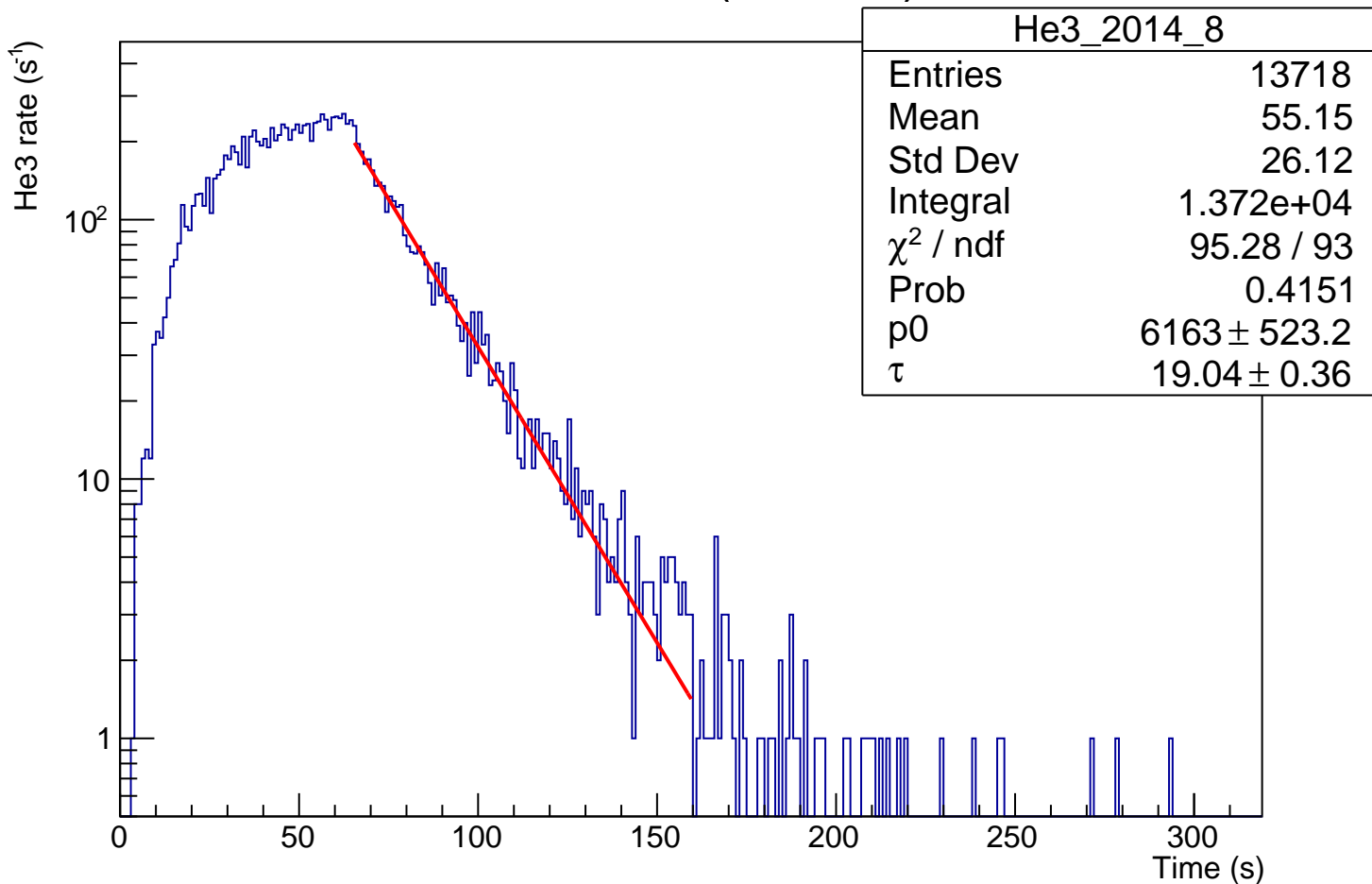
TCN19-102 (He3 rate)



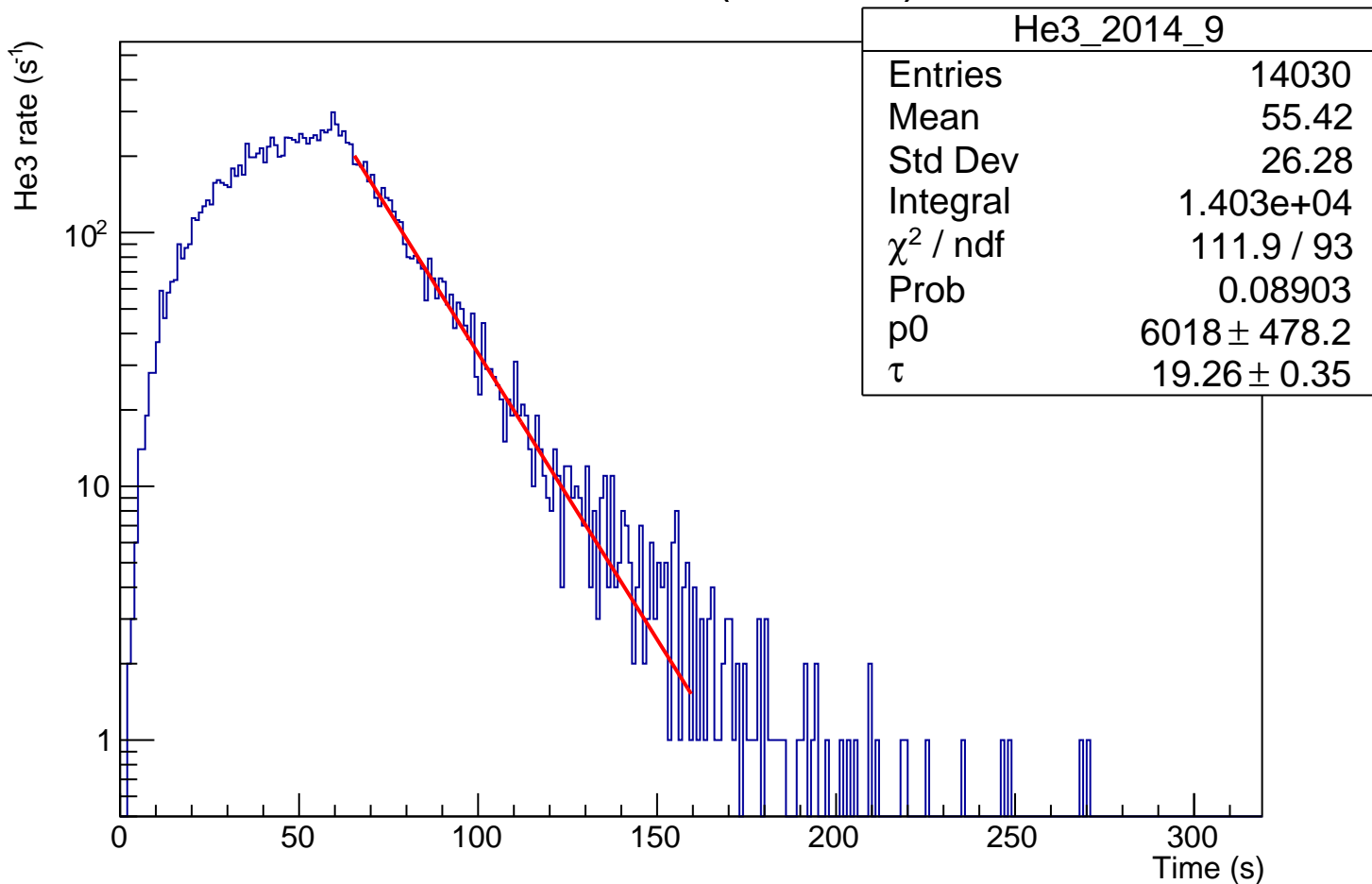
TCN19-102 (He3 rate)



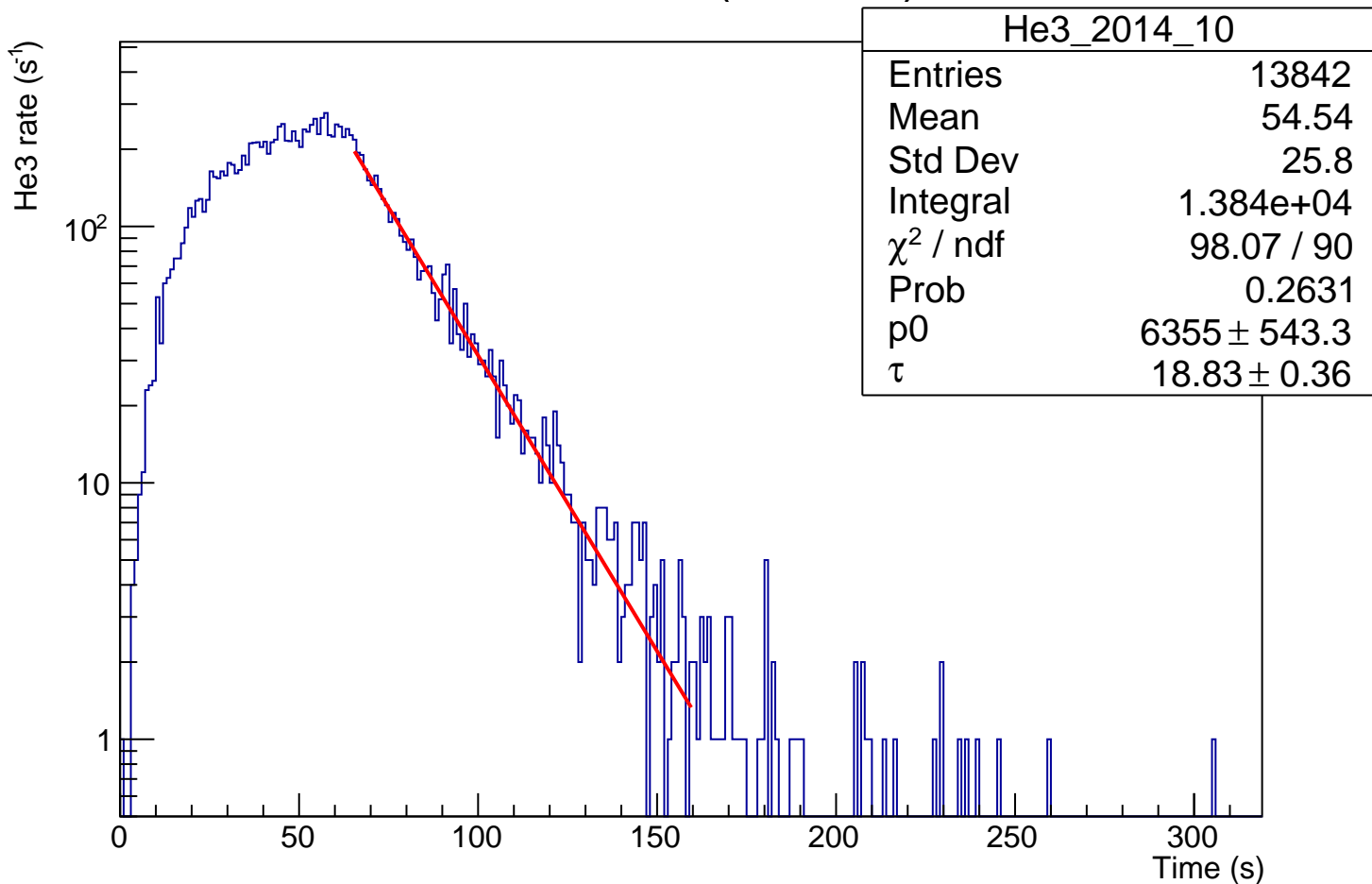
TCN19-102 (He3 rate)



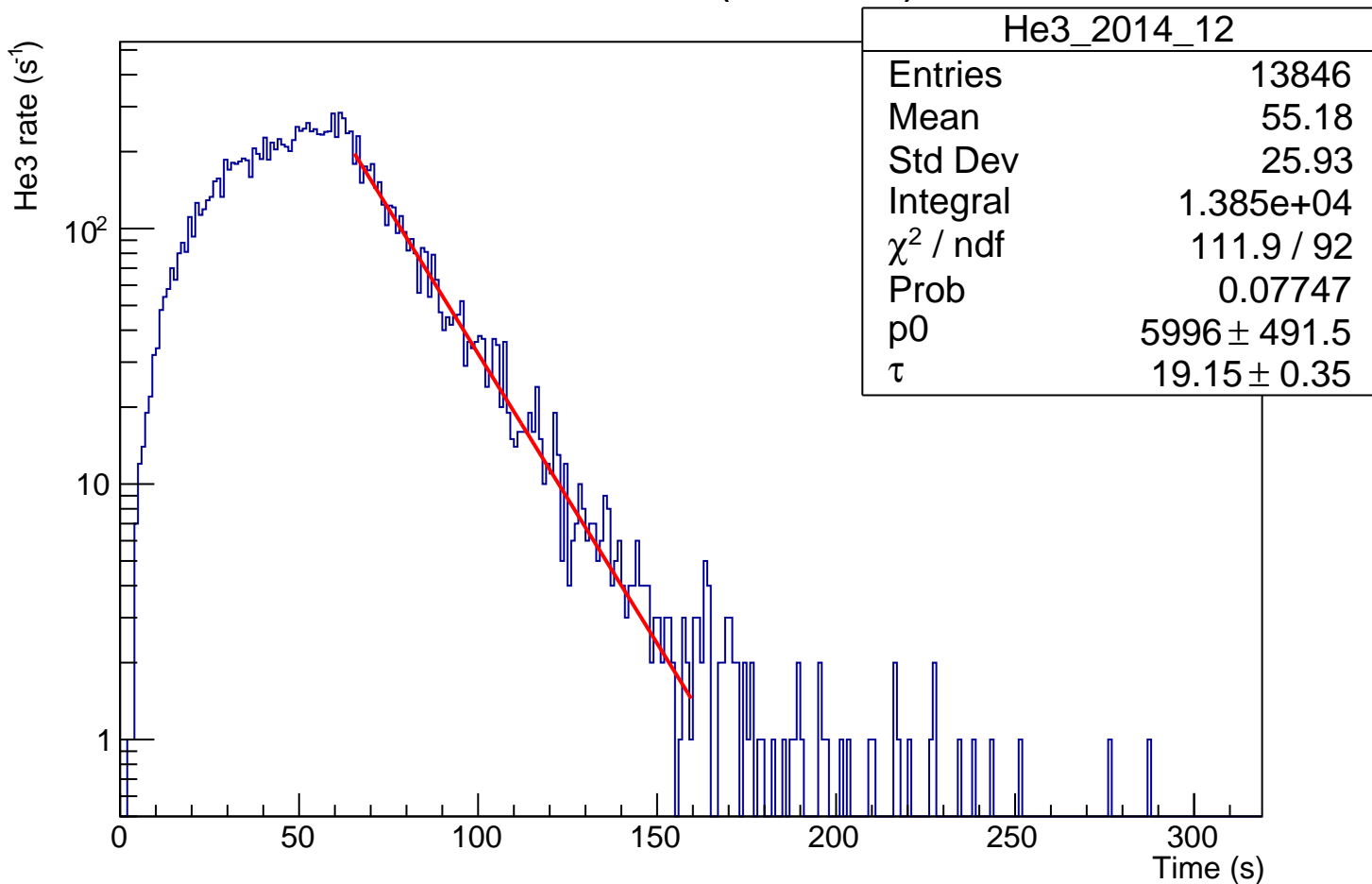
TCN19-102 (He3 rate)



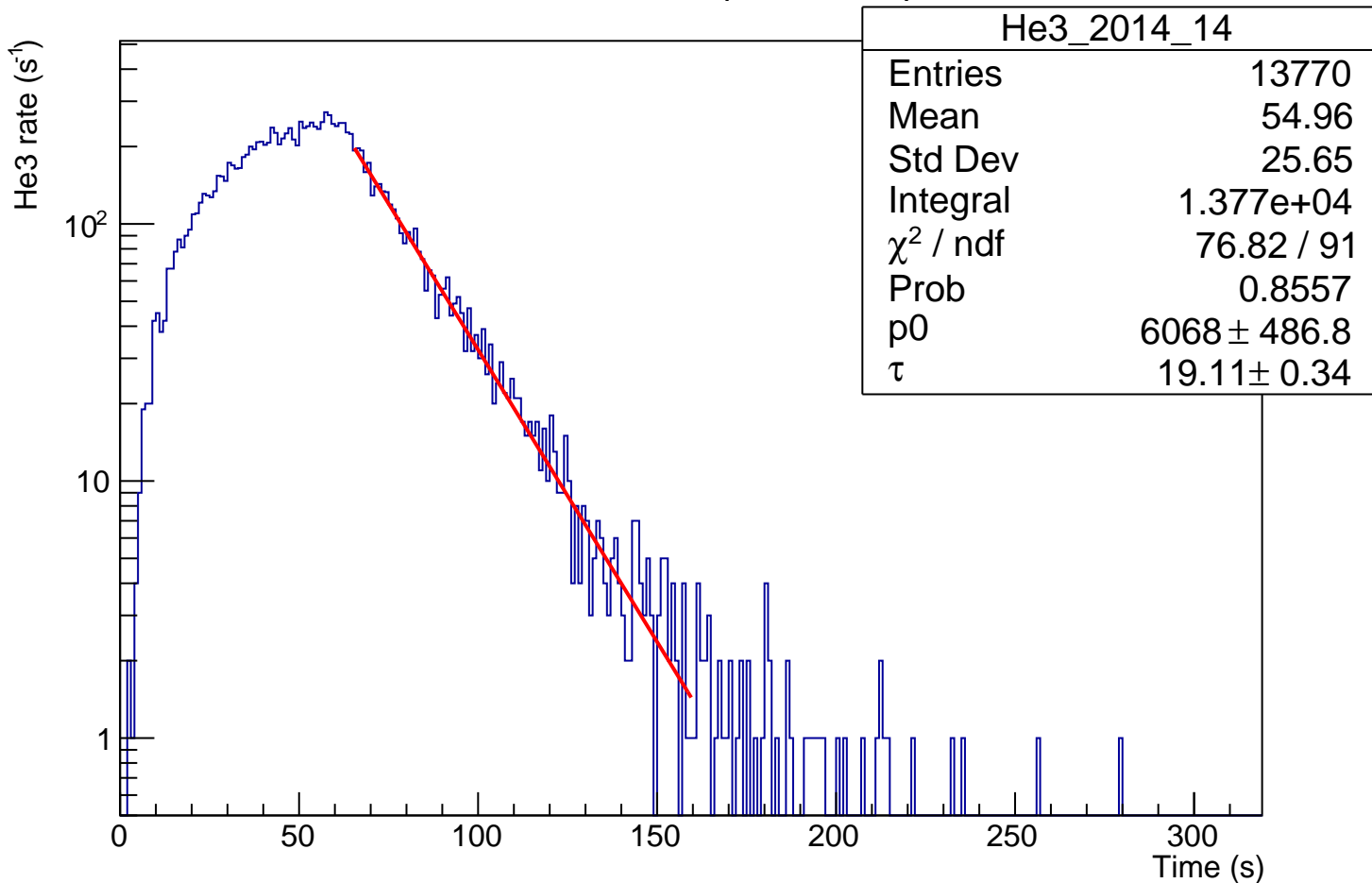
TCN19-102 (He3 rate)



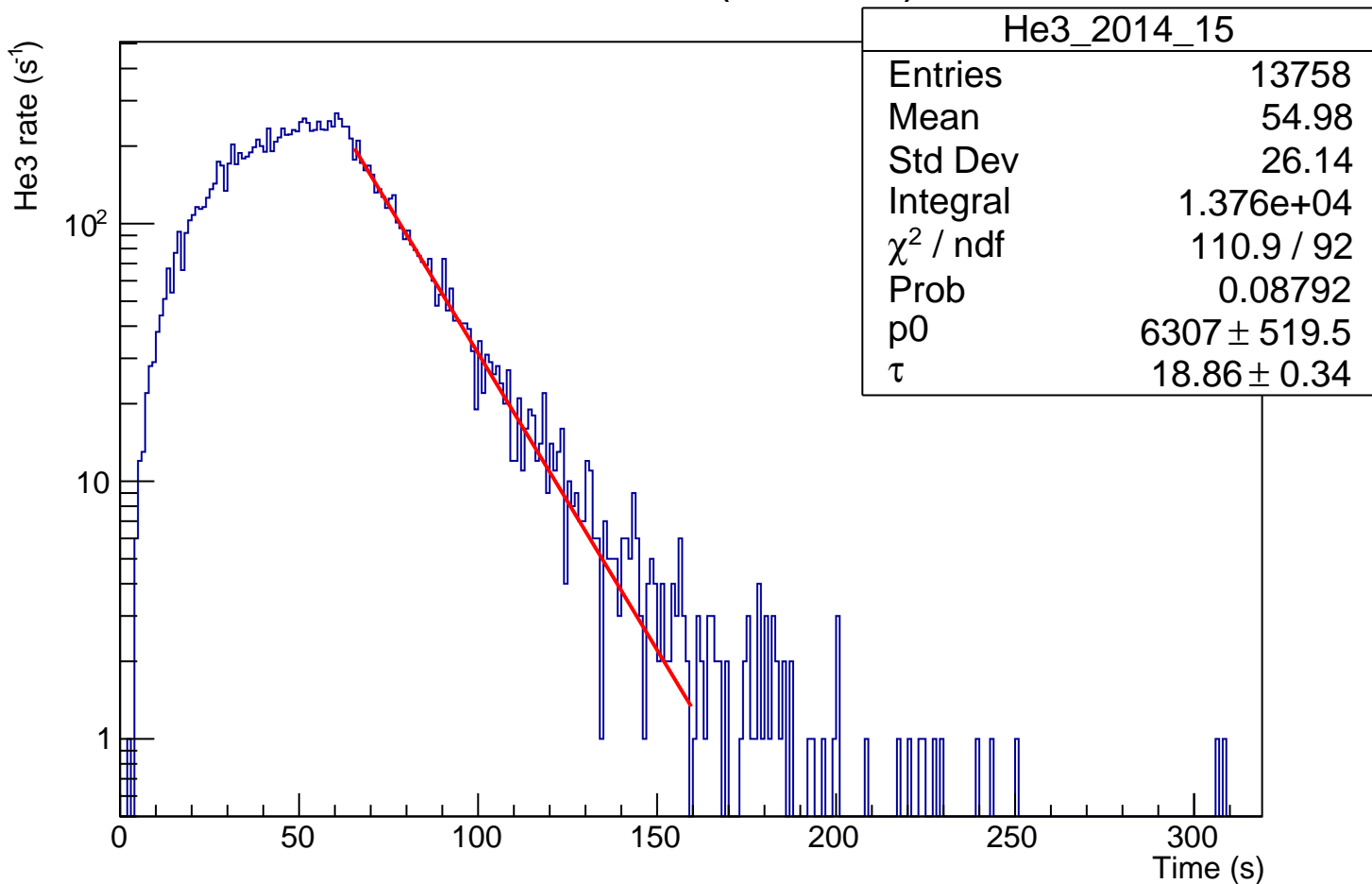
TCN19-102 (He3 rate)



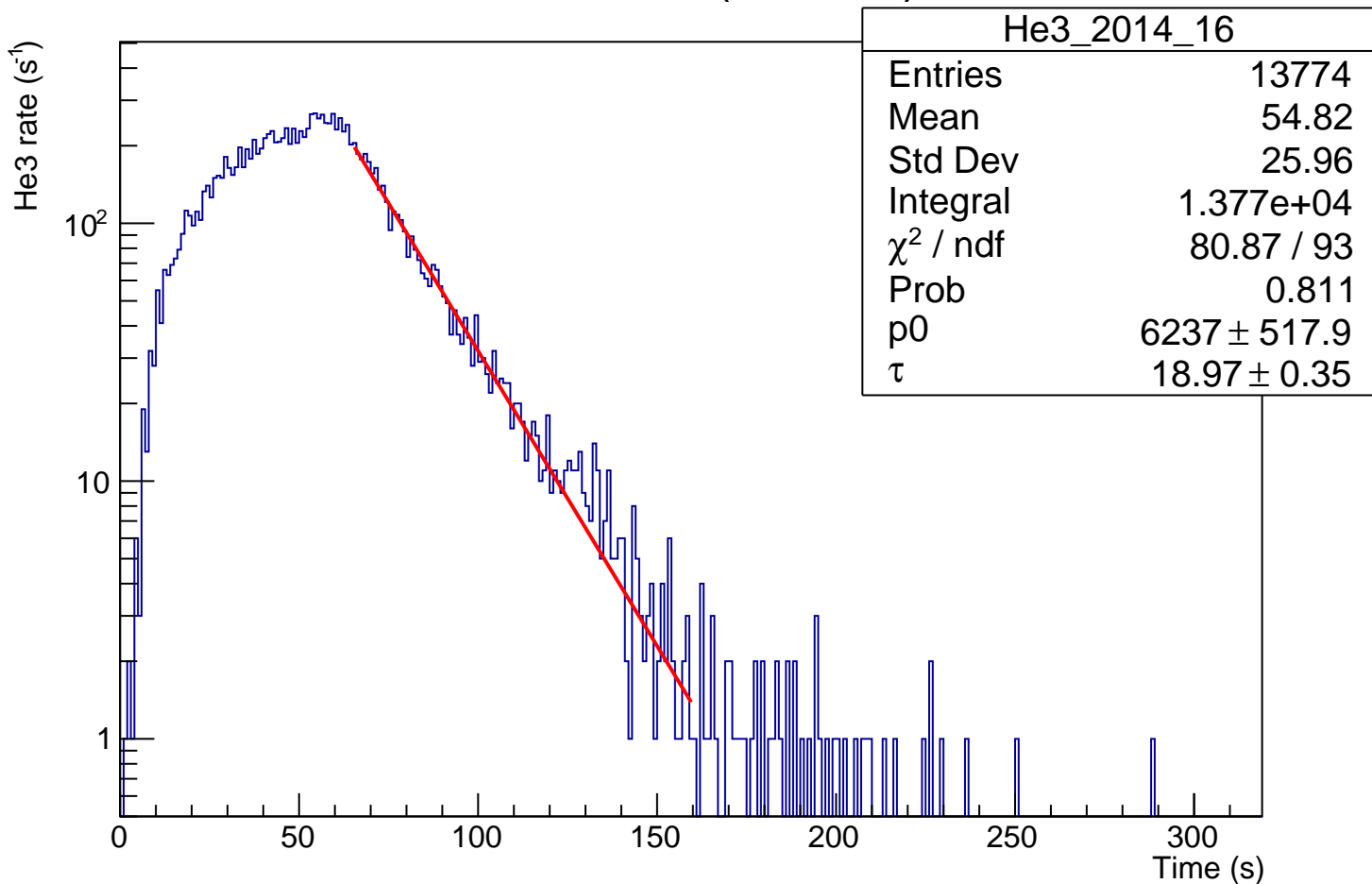
TCN19-102 (He3 rate)



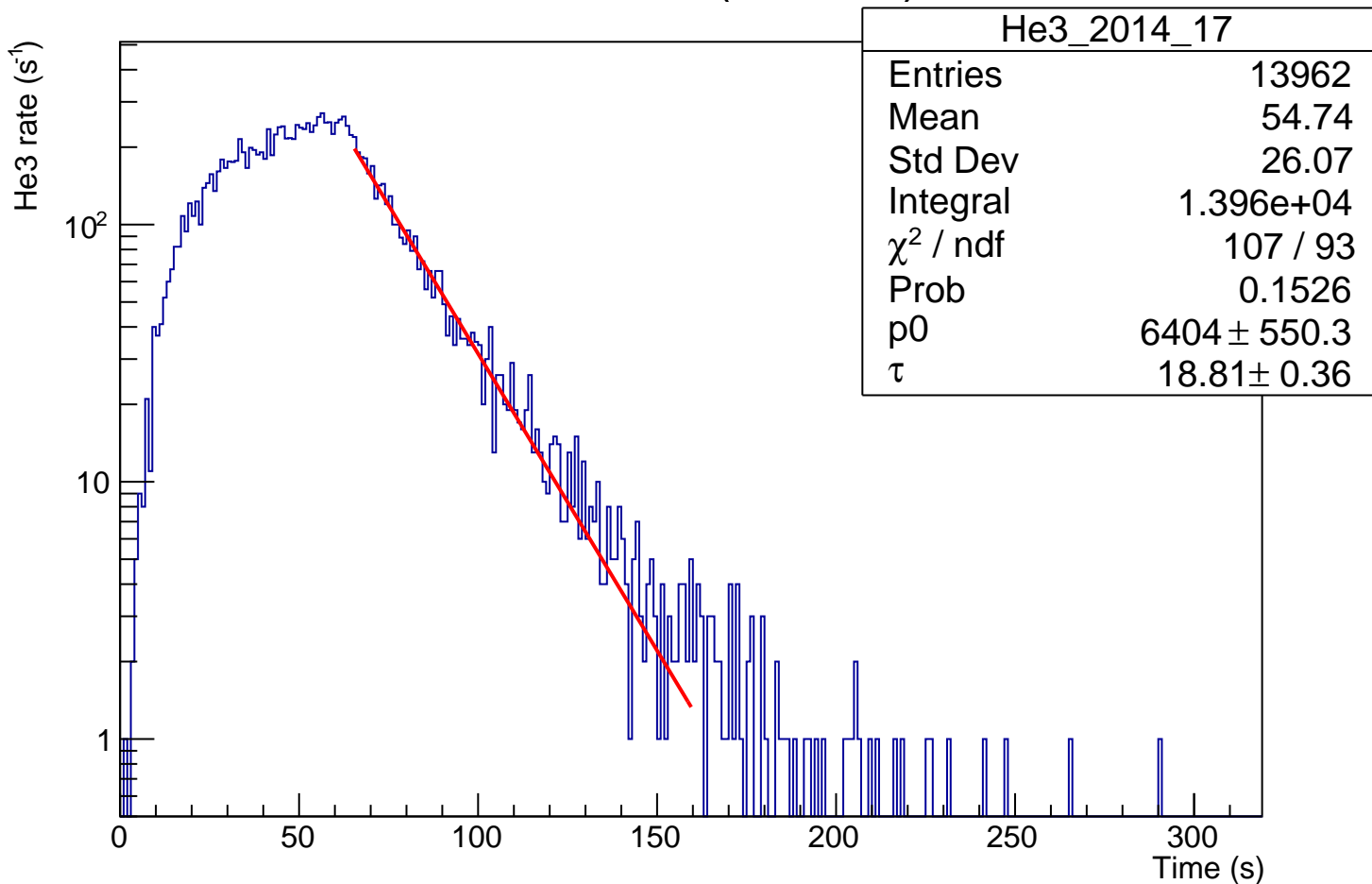
TCN19-102 (He3 rate)



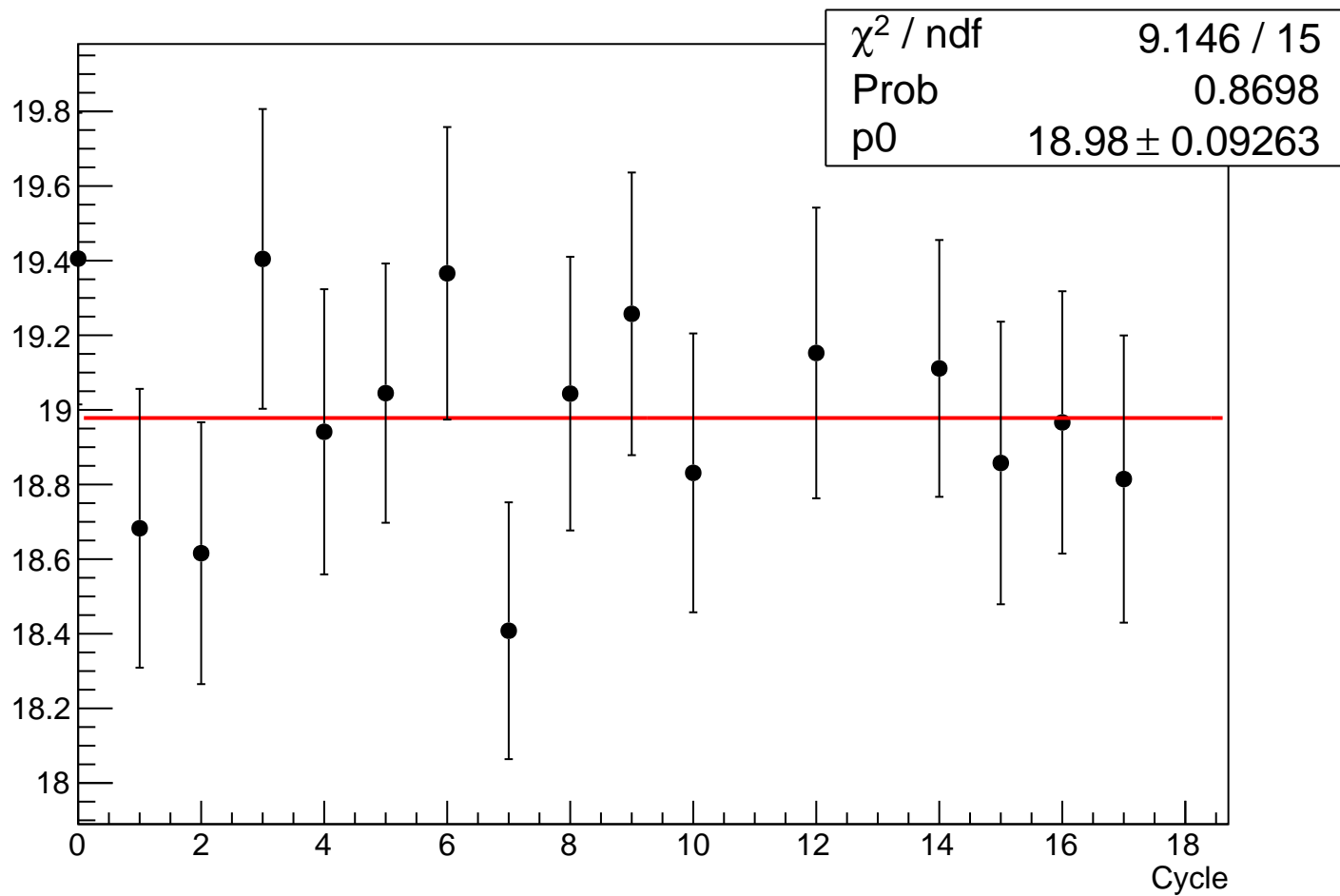
TCN19-102 (He3 rate)



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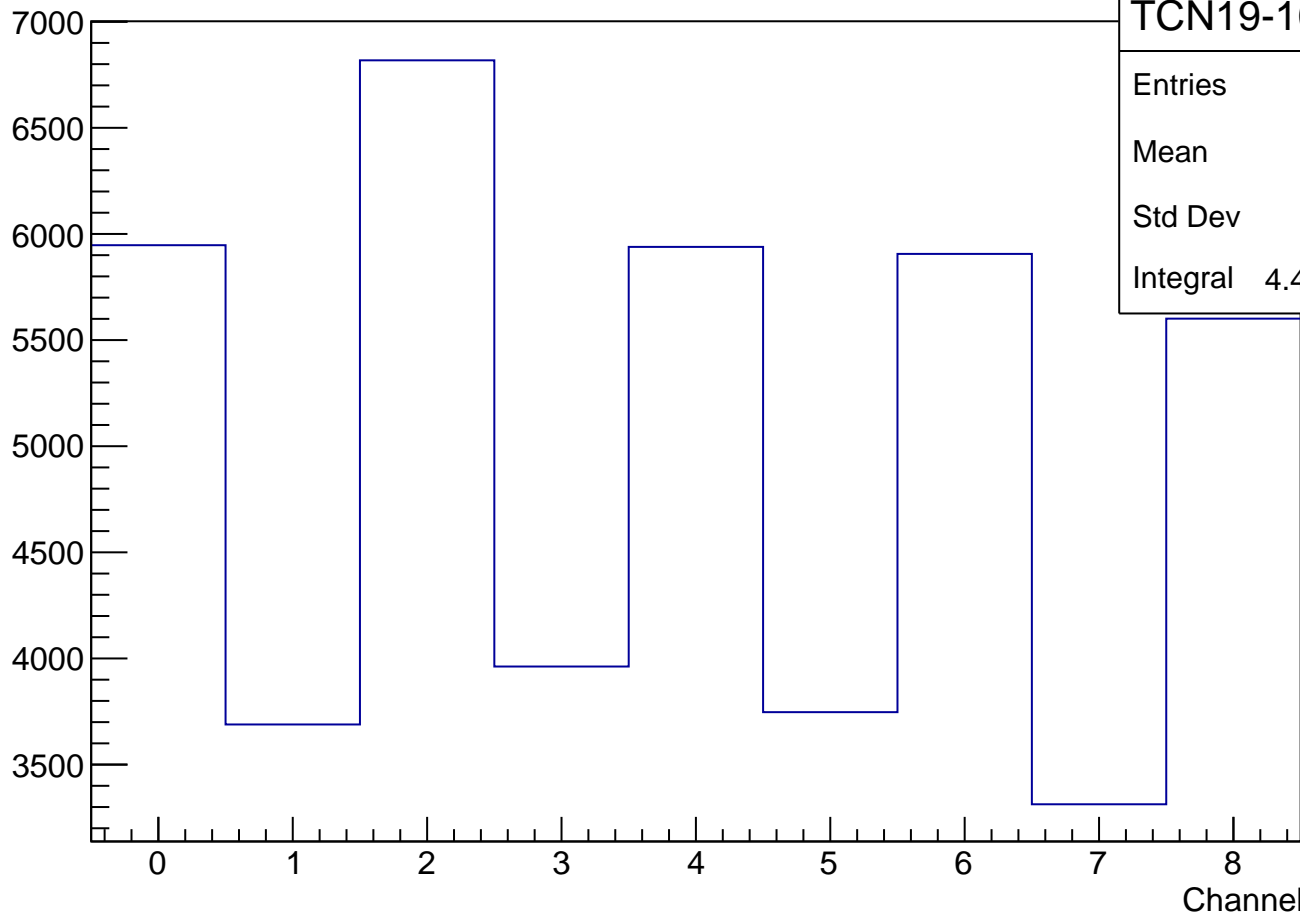


Pinhole storage lifetime (s)



TCN19-102

Count



TCN19-102_ch

Entries 44922

Mean 3.899

Std Dev 2.61

Integral 4.492e+04