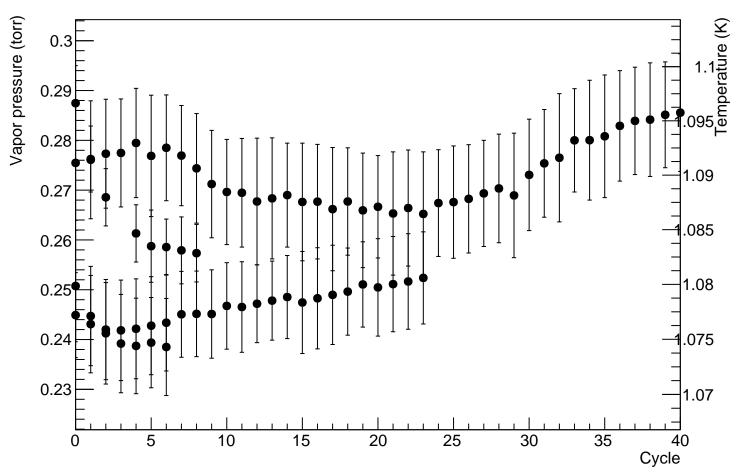


Graph



TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 961 1 He3 rate (s¹) **Entries** 4741 Mean 52.35  $10^{2}$ i hay Laralla Std Dev 24.09 Integral 4733  $\chi^2$  / ndf 19.5 / 13 **Prob** 0.1085 p0  $584.5 \pm 376.8$  $28.97 \pm 7.51$ ЪП 10 20 40 60 80 100 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 962 1 He3 rate (s<sup>1</sup>) **Entries** 4883 56.83  $10^{2}$ Mean Std Dev 27.37 Integral 4880  $\chi^2$  / ndf 68.75 / 53**Prob** 0.07168 p0  $1426 \pm 239.7$  $21.49 \pm 0.94$ 10 20 40 60 80 100 120 140 160 180

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 962 3 He3 rate  $(\bar{s}^{1})$ **Entries** 4586  $10^{2}$ 57.74 Mean Std Dev 28.37 Integral 4586  $\chi^2$  / ndf 40.66 / 38 **Prob** 0.3541 p0  $1446 \pm 324.5$  $21.39 \pm 1.29$ 10 20 40 60 80 100 120 140 160 180

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 962 4 He3 rate (s<sup>1</sup>) **Entries** 4656 Pulled of the second of the se 57.02 Mean  $10^{2}$ Std Dev 27.76 Integral 4656  $\chi^2$  / ndf 30.94 / 17 **Prob** 0.02029 p0  $1935 \pm 1010.8$  $19.27 \pm 2.65$ 10

100

120

140

160

180 Time (s)

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80

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 962 5 He3 rate  $(\bar{s}^{1})$ **Entries** 4727  $10^{2}$ Mean 58.01 Std Dev 28.96 Integral 4727  $\chi^2$  / ndf 21.19 / 29 **Prob** 0.8523 p0  $1307 \pm 371.6$  $22.07 \pm 1.79$ 10 20 40 60 80 100 120 140 160 180

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 1 He3 rate (s¹) **Entries** 4751  $10^{2}$ Mean 54.91 Std Dev 26.43 Integral 4751  $\chi^2$  / ndf 34.1 / 33 **Prob** 0.4144 p0  $2046 \pm 523.9$  $19.17 \pm 1.21$ 10 20 40 60 80 100 120 140 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 3 He3 rate (s¹) **Entries** 4909 <sup>L</sup>Lywy<sub>by</sub>bylywyydynylyl ( 55.07  $10^{2}$ Mean Std Dev 26.07 Integral 4907  $\chi^2$  / ndf 27 / 23 Prob 0.256 p0  $872.8 \pm 304.2$  $24.89 \pm 2.85$ 10 140 20 40 60 80 100 120 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 4 He3 rate (s¹) **Entries** 4707 <sup>\</sup>\landarder \landarder \landard  $10^{2}$ Mean 55.18 Std Dev 26.09 Integral 4704  $\chi^2$  / ndf 5.988 / 9 Prob 0.7411 p0  $1623 \pm 1469.6$ 20.81±5.59 10 20 40 60 80 100 120 140 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 5 He3 rate (s¹) **Entries** 4712  $10^{2}$ 55.8 Mean Std Dev 26.67 Integral 4708  $\chi^2$  / ndf 35.37 / 17 Prob 0.005561 p0  $1906 \pm 980.4$ 19.51± 2.68 10 20 40 60 80 100 120 140 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 7 He3 rate (s¹) **Entries** 4867 55.39  $10^{2}$ Mean Std Dev 26.83 Integral 4866  $\chi^2$  / ndf 14.66 / 13 **Prob** 0.3287 p0  $5750 \pm 3838.8$  $15.12 \pm 2.14$ 10 20 40 60 80 100 120 140 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 9 He3 rate (s¹) **Entries** 4765  $10^{2}$ Mean 56.06 Std Dev 26.31 Integral 4763  $\chi^2$  / ndf 31.17 / 33 **Prob** 0.5583 p0  $1616 \pm 384.8$  $20.84 \pm 1.32$ 10 140 20 40 60 80 100 120 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 11 He3 rate (s¹) **Entries** 4809 Mean 55.48  $10^{2}$ Std Dev 26.33 Integral 4808  $\chi^2$  / ndf 15.59 / 23 **Prob** 0.8723 p0  $2185 \pm 819.4$  $18.82 \pm 1.77$ 10 140 20 40 60 80 100 120 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 12 He3 rate (s<sup>1</sup>) **Entries** 4848 55.49  $10^{2}$ Mean Std Dev 26.49 Integral 4845  $\chi^2$  / ndf 16.83 / 9 **Prob** 0.05144 p0  $2144 \pm 1937.2$  $18.95 \pm 4.63$ 10 20 40 60 80 100 120 140 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 13 He3 rate (s<sup>1</sup>) **Entries** 4772  $10^{2}$ 55.32 Mean Std Dev 26.36 Integral 4770  $\chi^2$  / ndf 20.98 / 17 Prob 0.2272 p0  $1668 \pm 793.2$  $20.51 \pm 2.73$ 10 20 40 60 80 100 120 140

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 15 He3 rate (s¹) **Entries** 4808  $10^{2}$ Mean 55.6 Std Dev 26.71 Integral 4807  $\chi^2$  / ndf 17.62 / 13 Prob 0.1726  $1152 \pm 718.7$  $22.98 \pm 4.59$ 10 20 40 60 80 100 120 140 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 17 He3 rate (s¹) **Entries** 4813  $10^{2}$ 55.95 Mean Std Dev 26.63 Integral 4809  $\chi^2$  / ndf 35.44 / 33 Prob 0.3541 p0  $1926 \pm 462.2$  $19.93 \pm 1.22$ 10 20 40 60 80 100 120 140 Time (s)

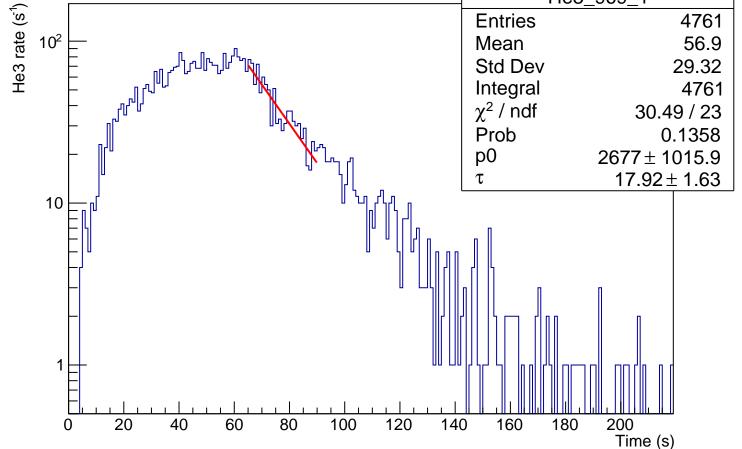
TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 19 He3 rate (s¹) **Entries** 4655 Mean 56.4  $10^{2}$ 27.11 Std Dev Integral 4652  $\chi^2$  / ndf 34.38 / 23 **Prob** 0.05981 p0  $885.3 \pm 313.1$  $24.77 \pm 2.87$ 10 20 40 60 80 100 120 140 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 20 He3 rate (s¹) **Entries** 4764  $10^{2}$ Mean 55.96 Std Dev 26.44 Integral 4764  $\chi^2$  / ndf 10.24 / 9 **Prob** 0.3314 p0  $7655 \pm 6582.7$ 14.21± 2.49 10 20 40 60 80 100 120 140 Time (s)

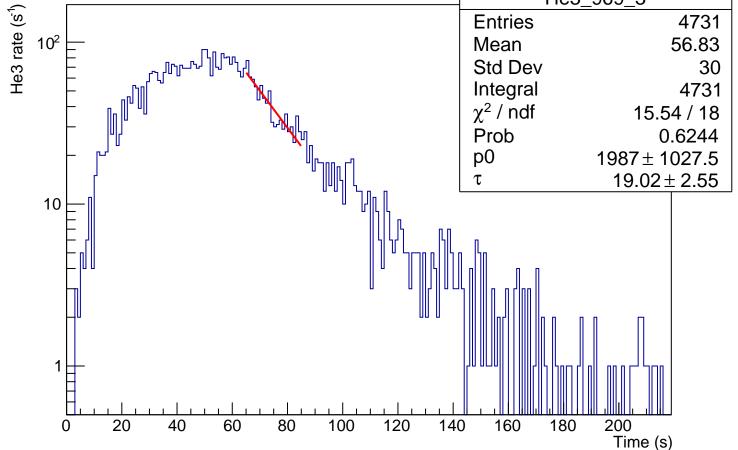
TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 21 He3 rate (s¹) **Entries** 4658  $10^{2}$ Mean 56.46 Std Dev 26.5 Integral 4658  $\chi^2$  / ndf 11.84 / 17 Prob 0.8099 p0 989.1± 453.9  $24.2 \pm 3.7$ 10 140 20 40 60 80 100 120 Time (s)

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 967 23 He3 rate (s¹) **Entries** 4718  $10^{2}$ 56.07 Mean Std Dev 26.51 Integral 4714  $\chi^2$  / ndf 20.88 / 13 Prob 0.07539 p0  $3356 \pm 2285.6$  $16.98 \pm 2.75$ 10 140 20 40 60 80 100 120 Time (s)

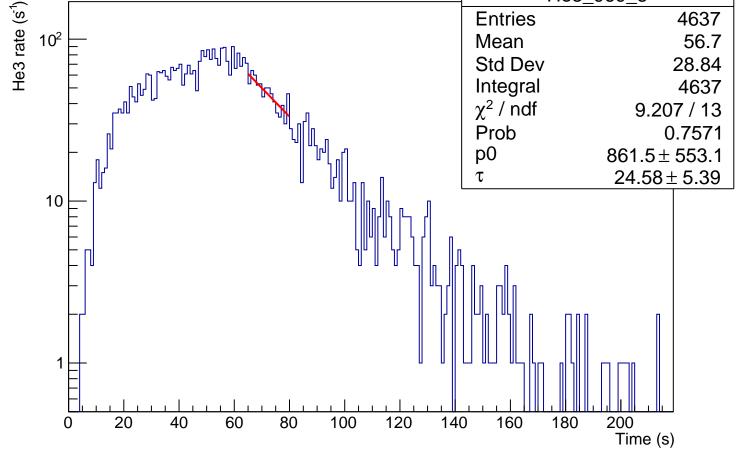
TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 969 1 **Entries** 4761 56.9 Mean Std Dev 29.32 Integral 4761  $\chi^2$  / ndf 30.49 / 23 **Prob** 0.1358 p0  $2677 \pm 1015.9$  $17.92 \pm 1.63$ 



TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 969 3 **Entries** 4731 Mean 56.83 Std Dev 30 Integral 4731  $\chi^2$  / ndf 15.54 / 18 Prob 0.6244 p0  $1987 \pm 1027.5$  $19.02 \pm 2.55$ 



TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3\_969\_5 **Entries** 4637 56.7 Mean Std Dev 28.84 Integral 4637  $\chi^2$  / ndf 9.207 / 13 **Prob** 0.7571 p0  $861.5 \pm 553.1$  $24.58 \pm 5.39$ 



TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 969 9 He3 rate (s¹) **Entries** 4612  $10^{2}$ 57.28 Mean Std Dev 29.34 Integral 4612  $\chi^2$  / ndf 20.69 / 23 Prob 0.6 p0  $1492 \pm 507.9$  $21.06 \pm 2.00$ 10 20 40 60 80 100 120 140 160 180 200

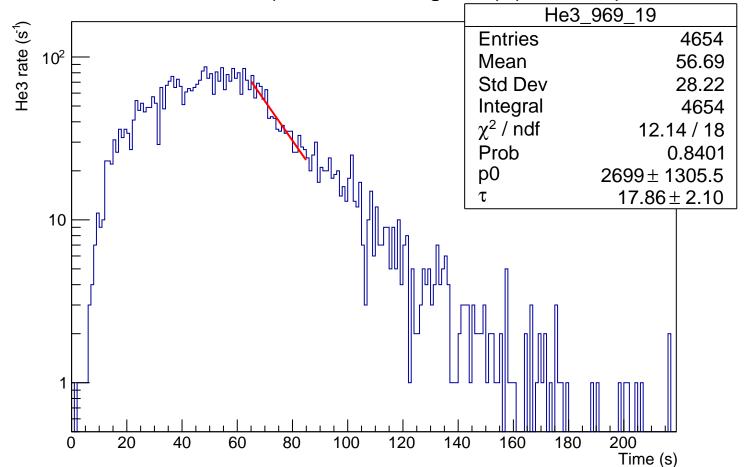
TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 969 11 He3 rate (s<sup>1</sup>) **Entries** 4722 56.39  $10^{2}$ Mean Std Dev 28.01 Integral 4722  $\chi^2$  / ndf 14.37 / 18 **Prob** 0.7046 p0  $1297 \pm 593.5$  $21.6 \pm 2.9$ 10 20 40 60 80 100 120 140 160 180 200

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 969 13 He3 rate (s<sup>1</sup>) **Entries** 4678 Mean 57.27  $10^{2}$ Std Dev 28.62 Integral 4678  $\chi^2$  / ndf 19.32 / 13 Prob 0.1135 p0  $1684 \pm 967.9$ 20.61± 3.39 10 20 40 60 80 100 120 140 160 180 200

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 969 17 He3 rate (s<sup>1</sup>) **Entries** 4767 Mean 57.25  $10^{2}$ Std Dev 28.99 Integral 4767  $\chi^2$  / ndf 18.96 / 23 Prob 0.7035 p0  $2775 \pm 994.4$  $18.03 \pm 1.55$ 10 20 40 60 80 100 120 140 160 180 200

TCN18-046 (IV2-IV3, O-ring side) (He3 rate)

He3\_969



TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 969 21 He3 rate (s<sup>1</sup>) **Entries** 4673 Mean 57.24  $10^{2}$ Std Dev 28.73 Integral 4673  $\chi^2$  / ndf 15.47 / 13 Prob 0.2791 p0 1531± 1105.8  $20.59 \pm 4.27$ 10 20 40 60 80 100 120 140 160 180 200

TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 969 25 He3 rate (s¹) **Entries** 4701  $10^{2}$ 56.96 Mean Std Dev 28.61 Integral 4701  $\chi^2$  / ndf 18.19 / 23 Prob 0.7471 p0  $1000 \pm 369.7$  $23.38 \pm 2.67$ 10

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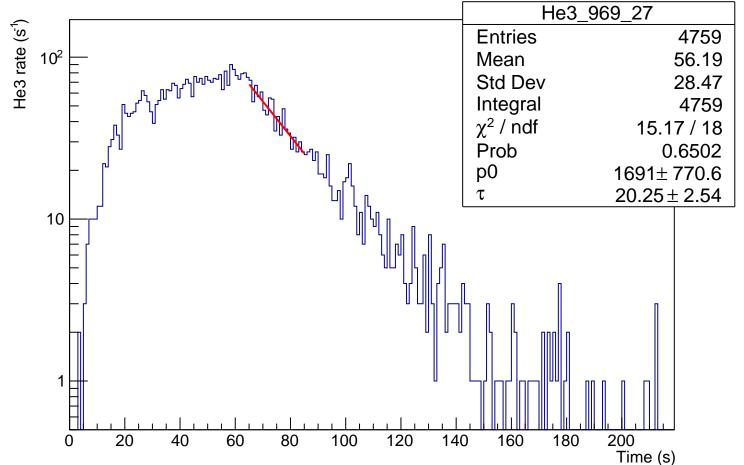
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TCN18-046 (IV2-IV3, O-ring side) (He3 rate)



TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 969 29 He3 rate  $(\bar{s}^{1})$ **Entries** 4520  $10^{2}$ 57.34 Mean Std Dev 28.82 Integral 4520  $\chi^2$  / ndf 15.33 / 13 **Prob** 0.2875 p0  $2226 \pm 1397.9$  $18.42 \pm 2.98$ 10

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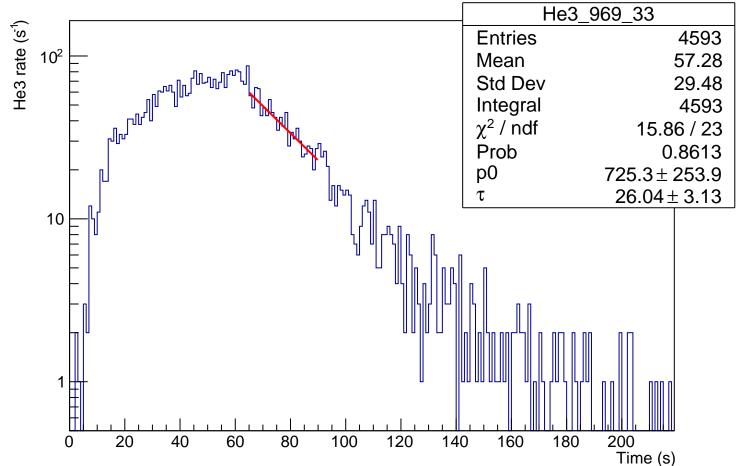
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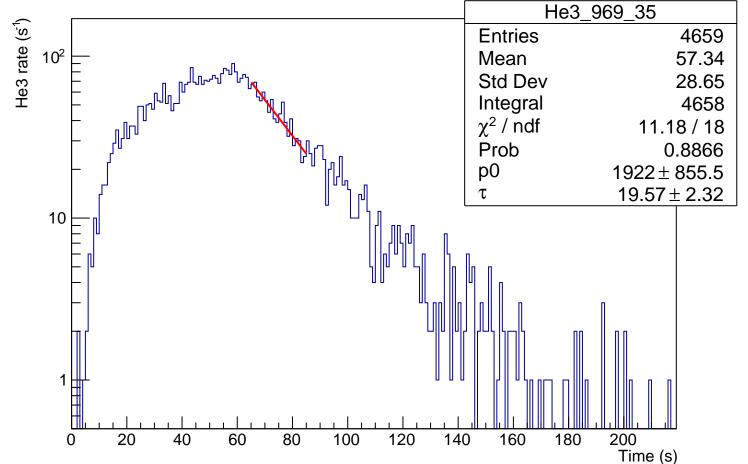
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TCN18-046 (IV2-IV3, O-ring side) (He3 rate)

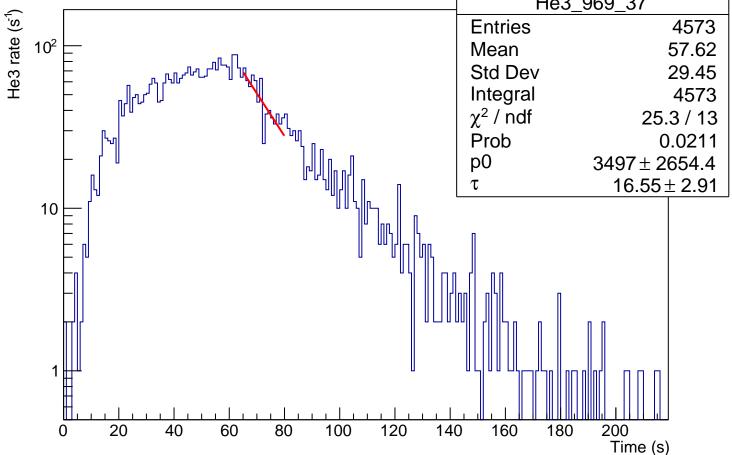


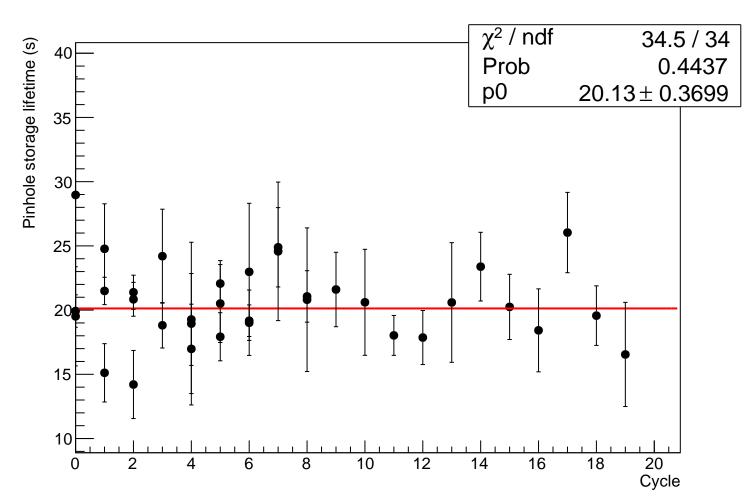
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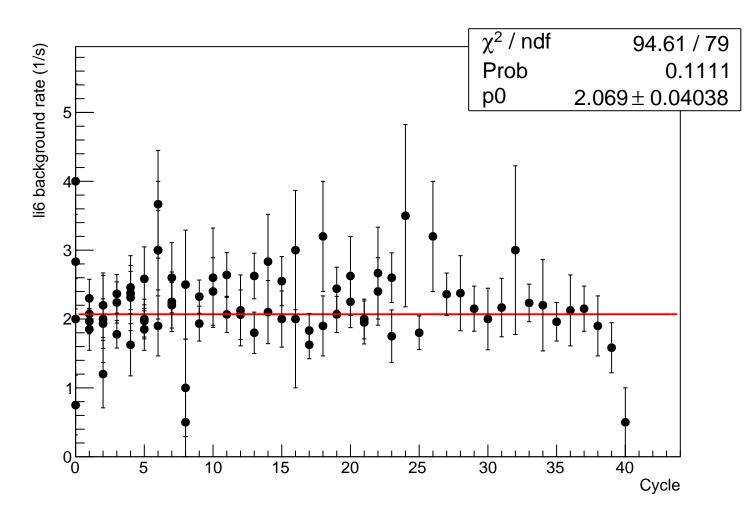
He3\_969

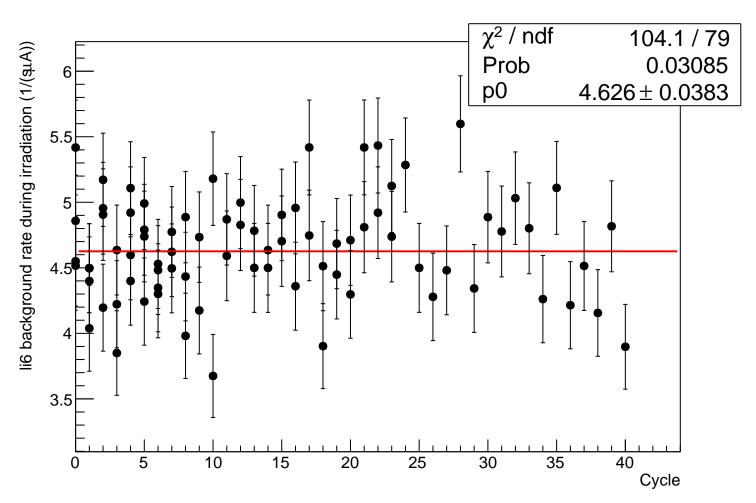


TCN18-046 (IV2-IV3, O-ring side) (He3 rate) He3 969 37 **Entries** 4573 57.62 Mean Std Dev 29.45 Integral 4573  $\chi^2$  / ndf 25.3 / 13 Prob 0.0211 p0  $3497 \pm 2654.4$  $16.55 \pm 2.91$ 









TCN18-046 (IV2-IV3, O-ring side) 14000 TCN18-046 (IV2-IV3, O-ring side)\_ch 73026 **Entries** 12000 Mean 4.14 2.876 Std Dev 10000 Integral 7.303e+04 8000 6000 4000 2000 Channel