

# **Huygens GCMS Flight Data**

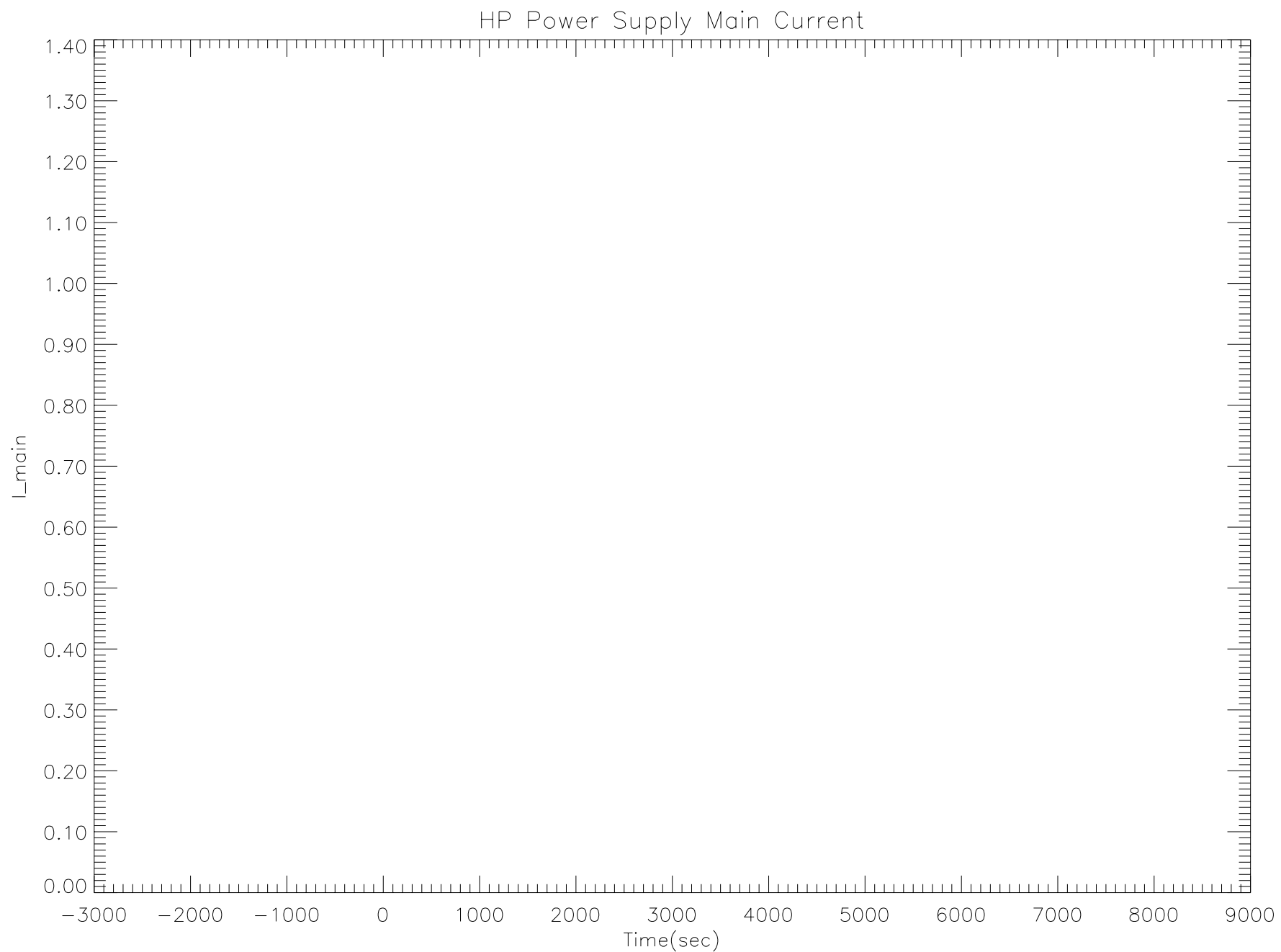
**Post-Launch F13 Checkout – CO1b**

**March 20, 2004**

**Launch + 77 Months**

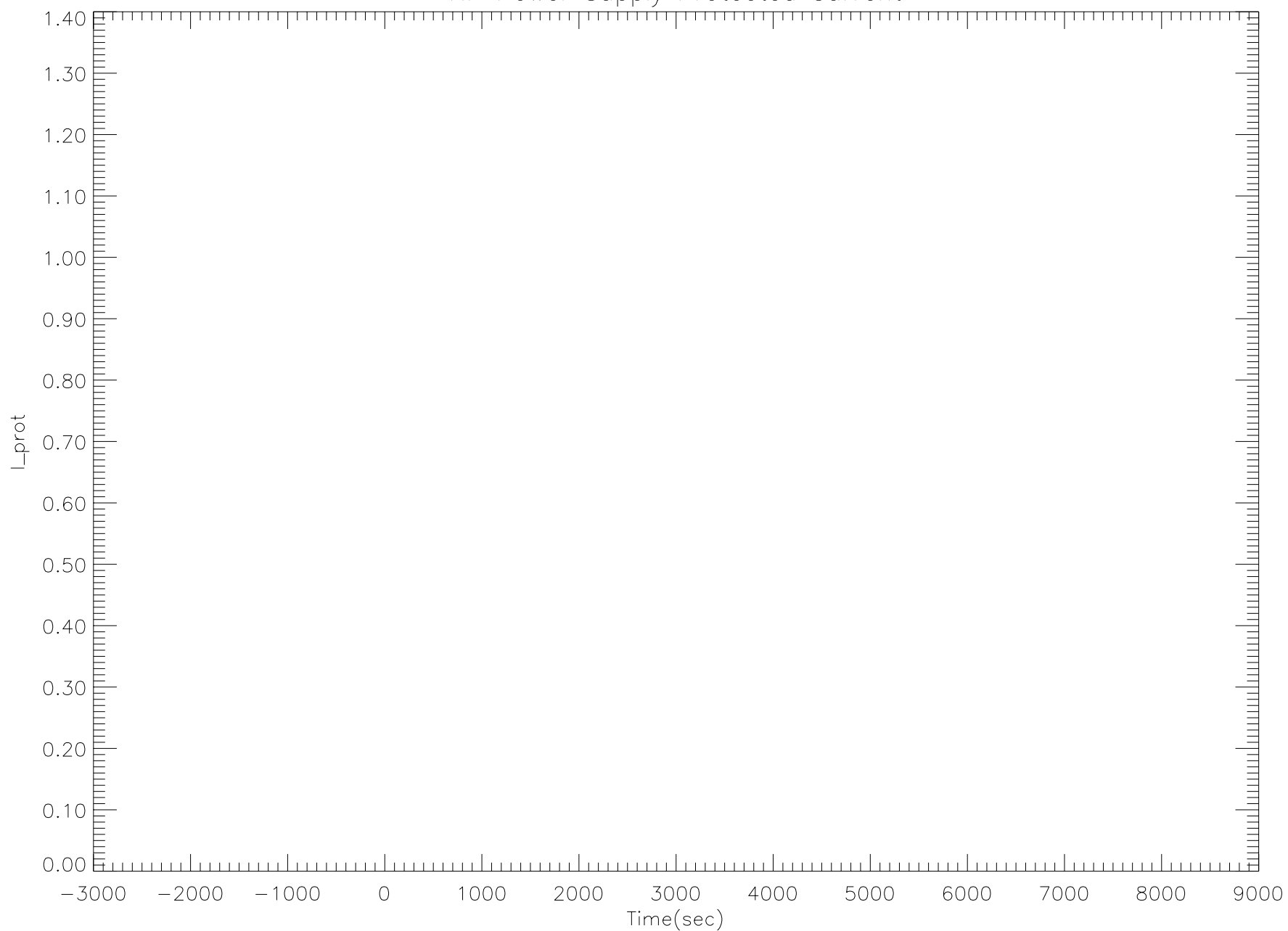
**040320-F13\_L\_Plus\_77\_Mo-CO1b**

**(raw file o403sg\_\_\_\_.1h\_)**



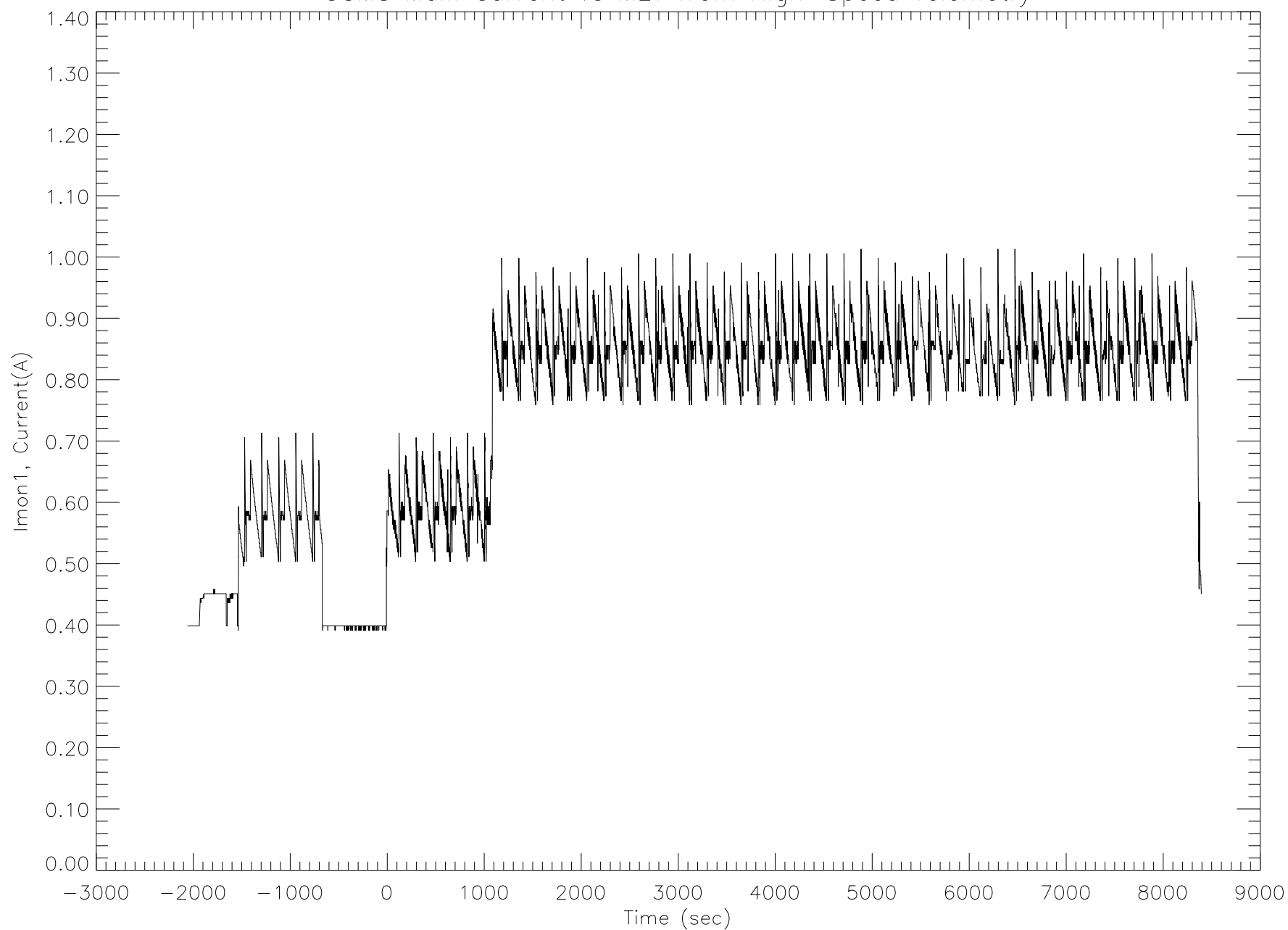
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# HP Power Supply Protected Current

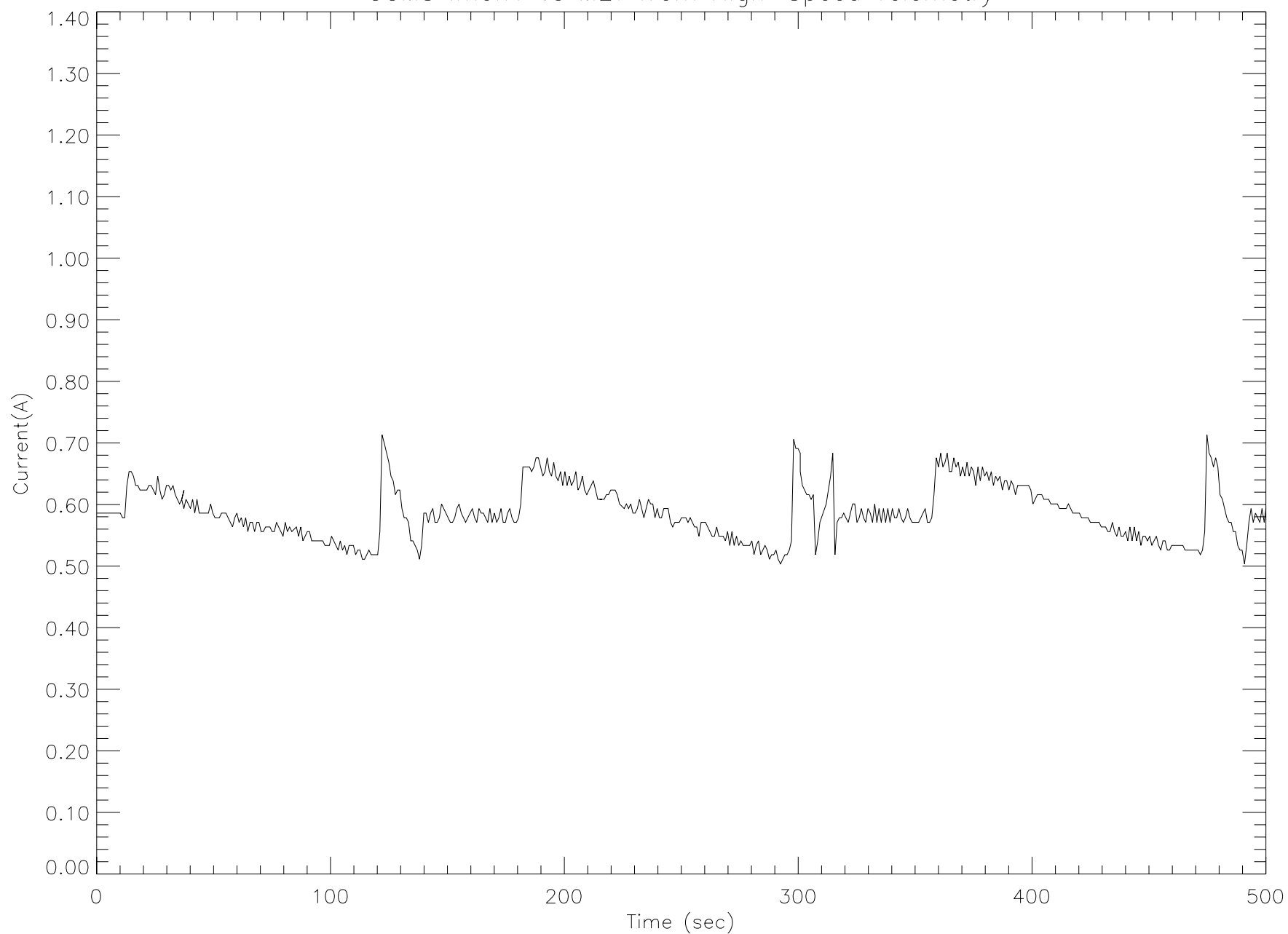


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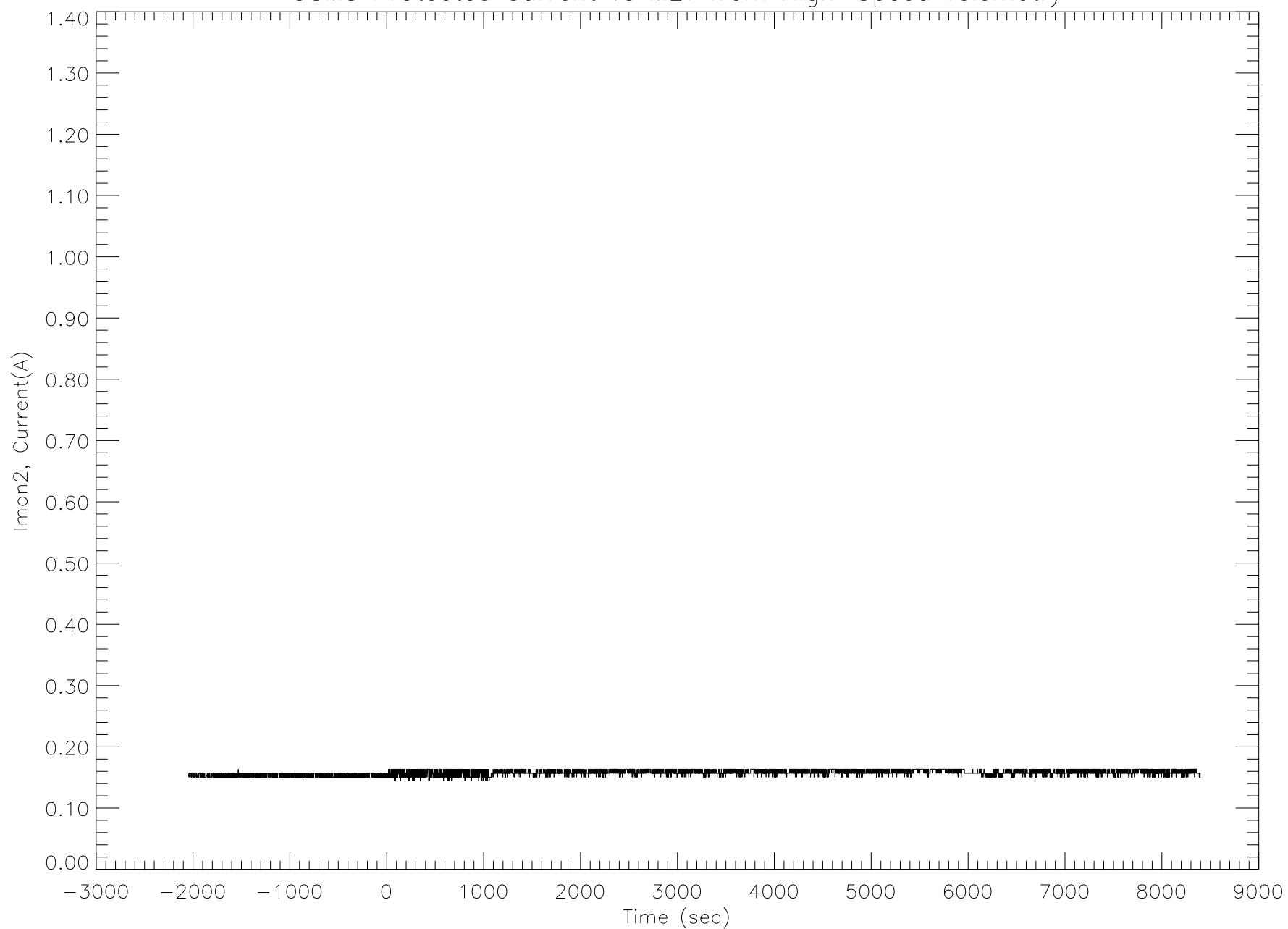
GCMS Main Current vs MET from High-Speed Telemetry



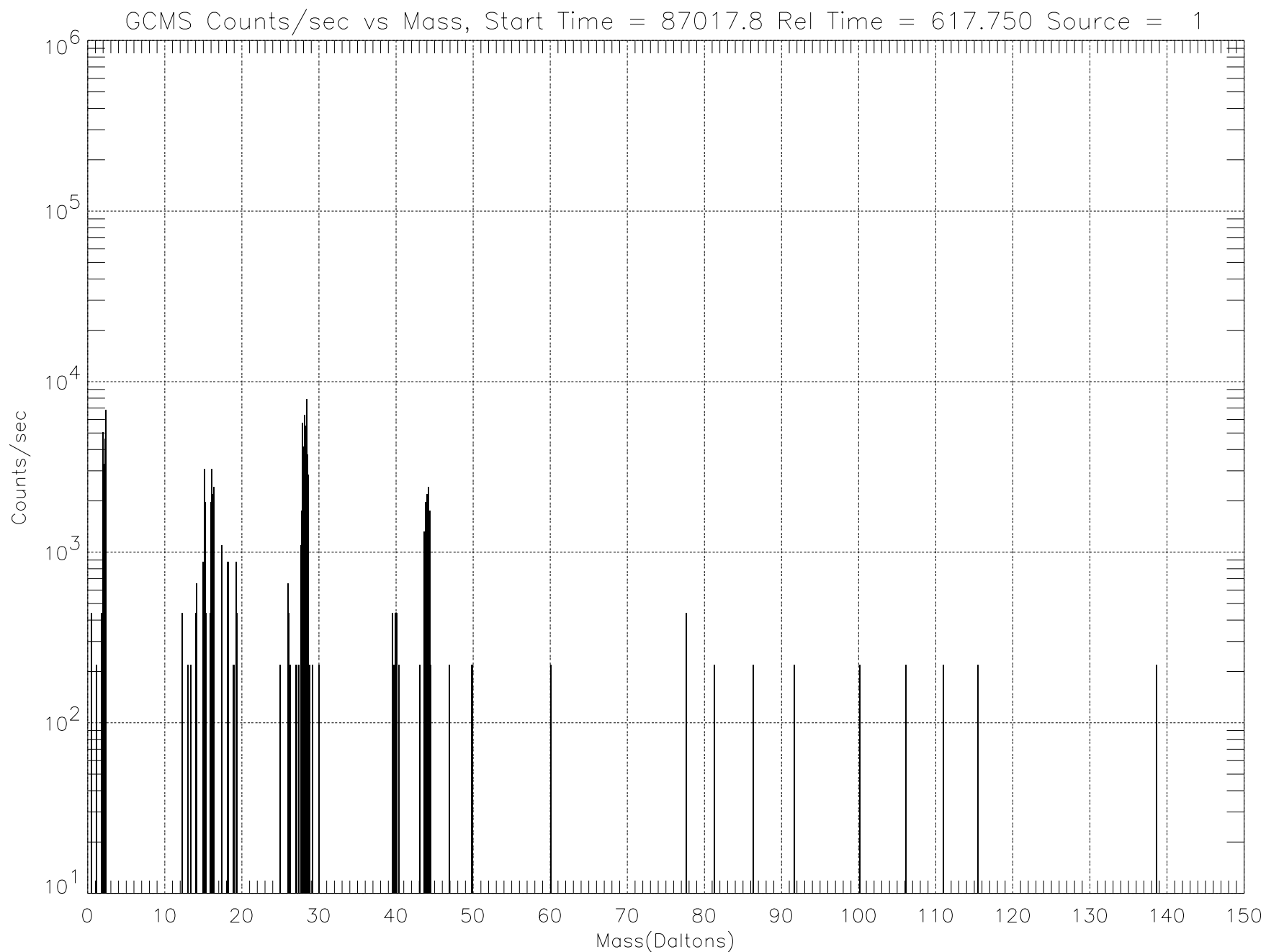
GCMS Imon1 vs MET from High-Speed Telemetry



# GCMS Protected Current vs MET from High-Speed Telemetry

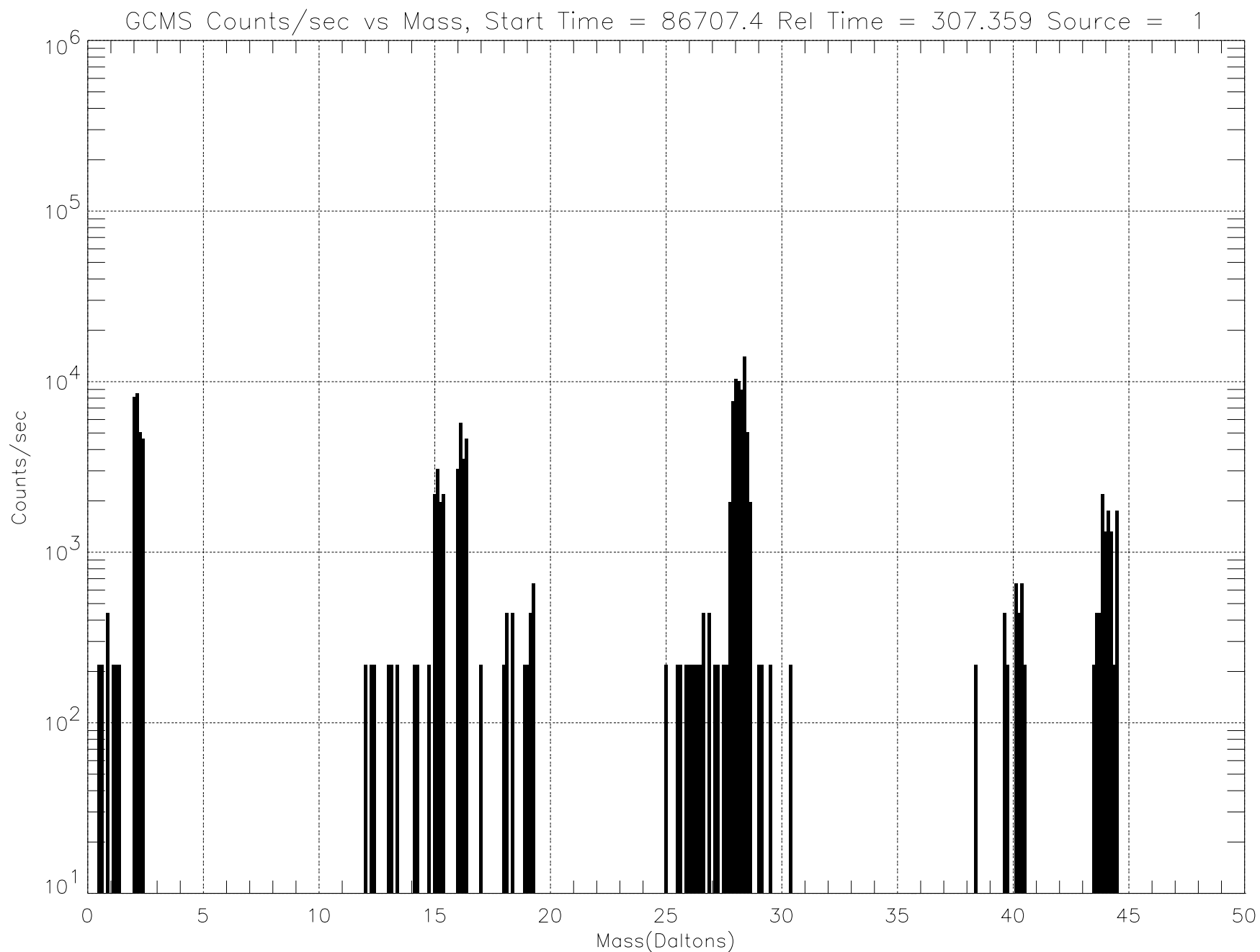


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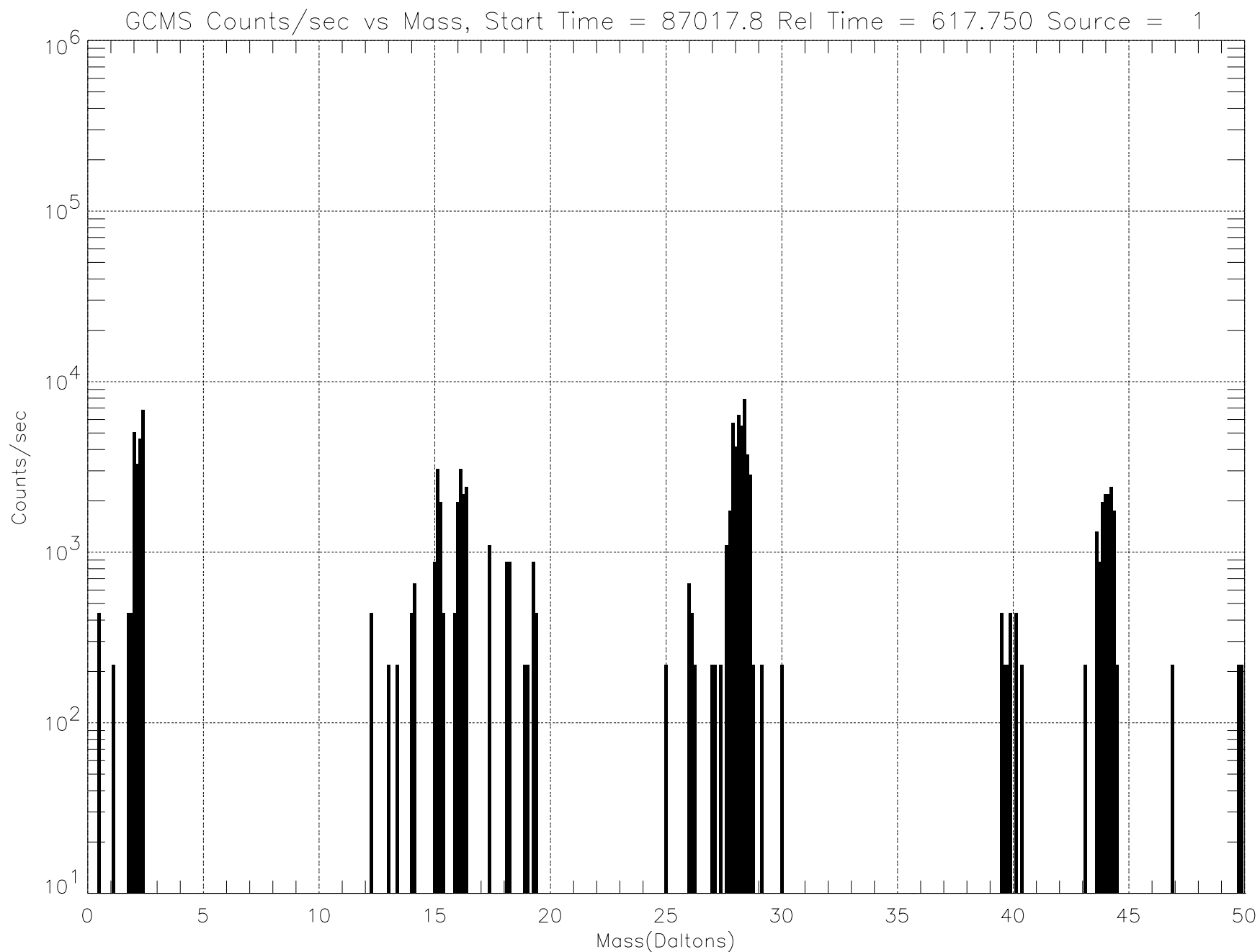
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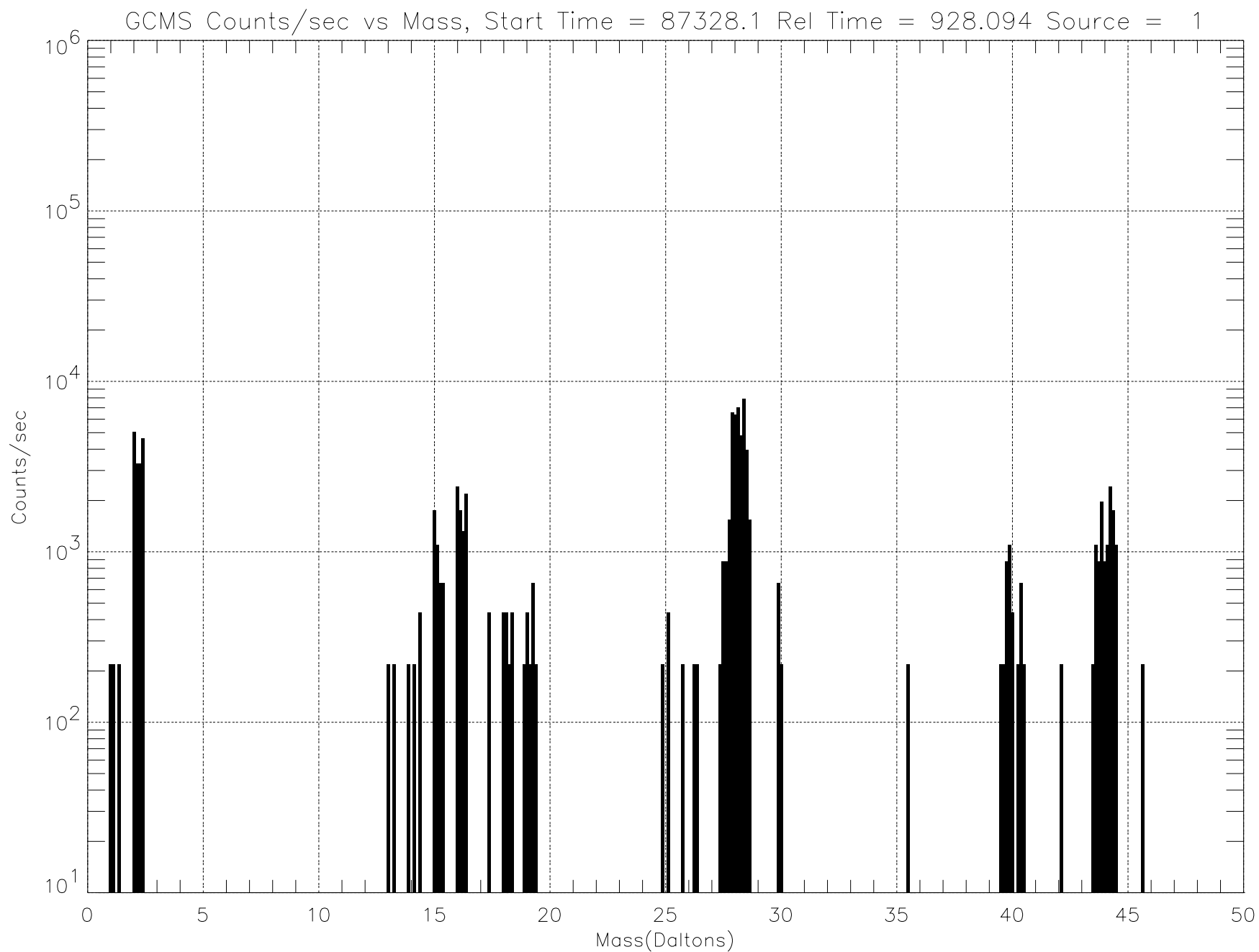
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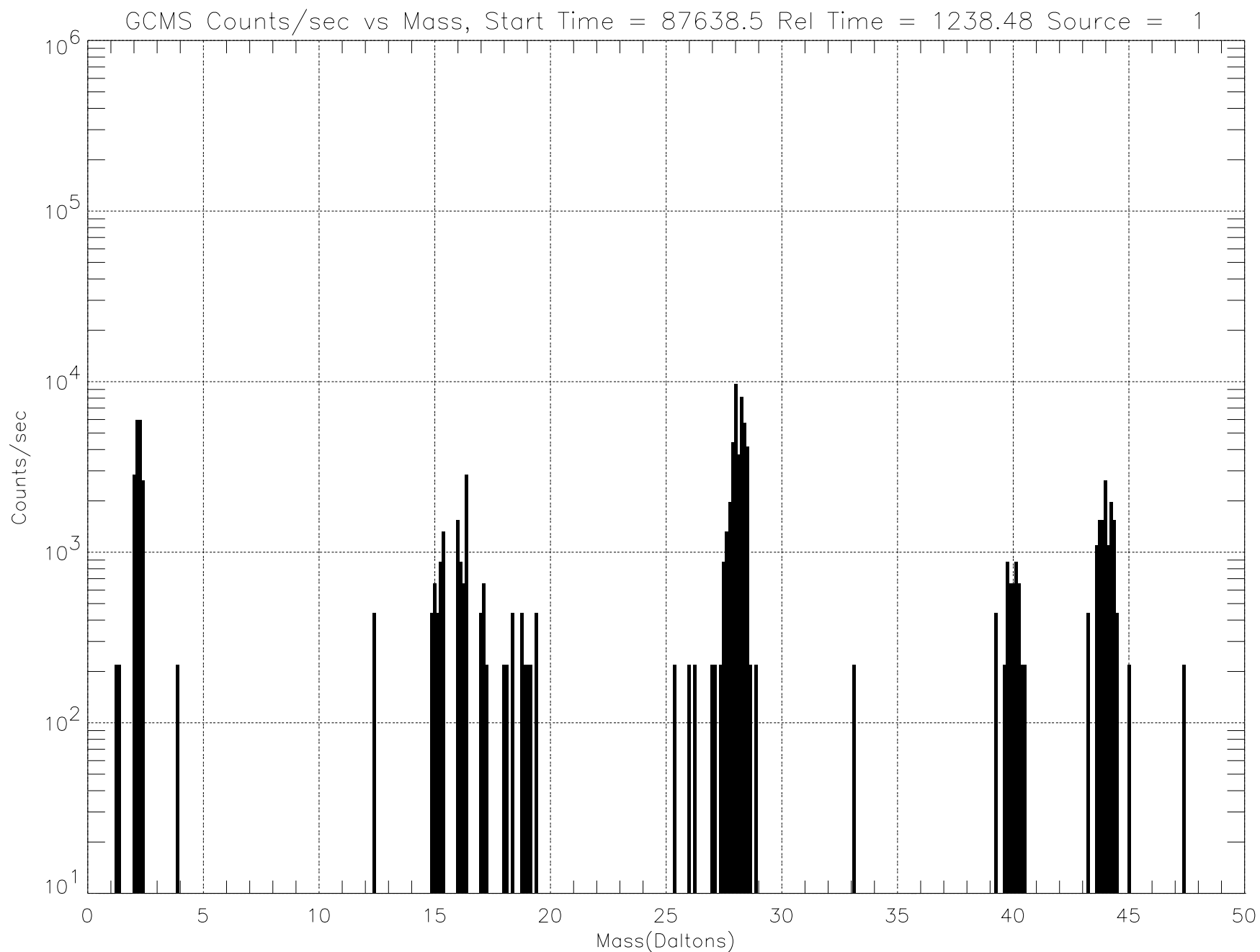
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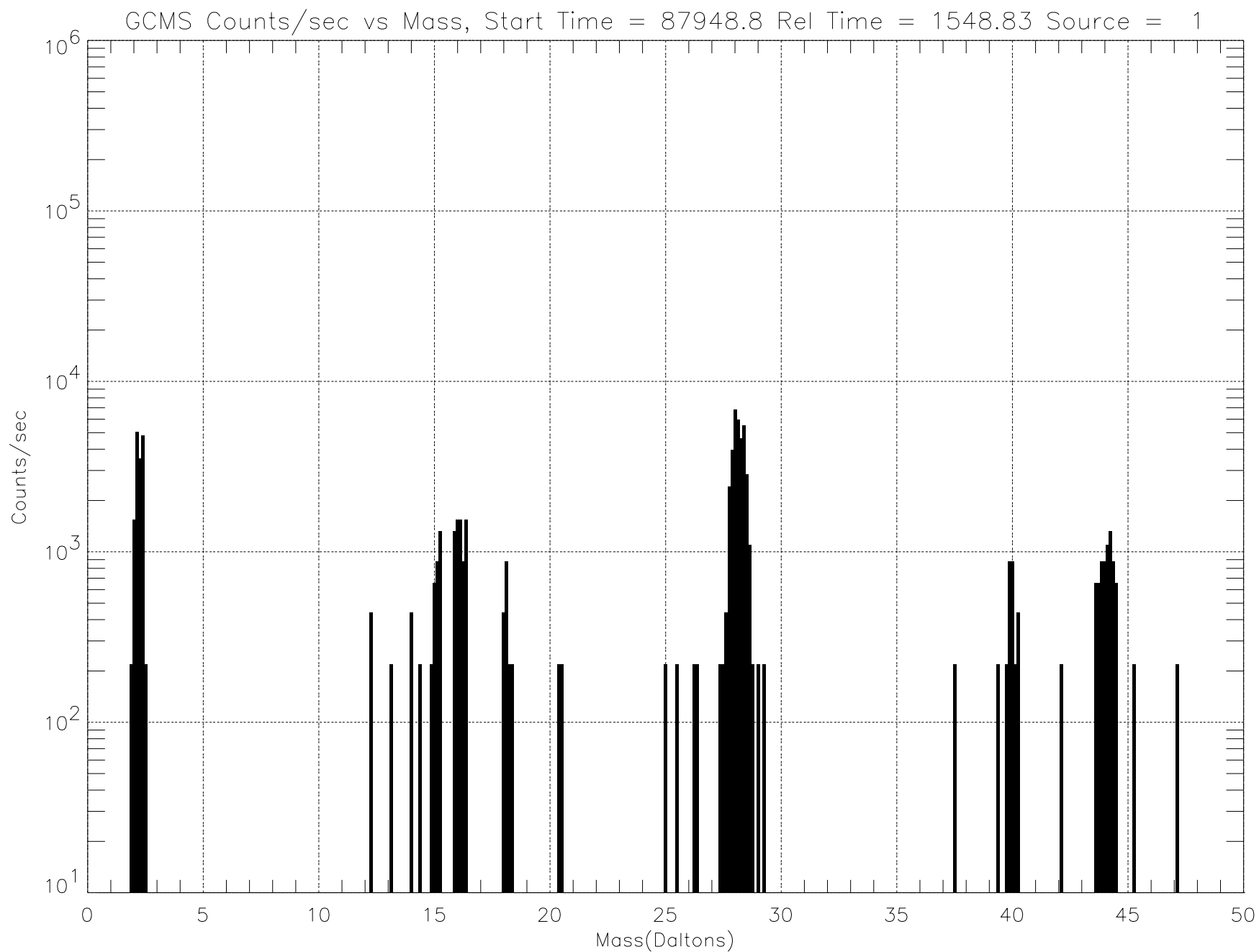
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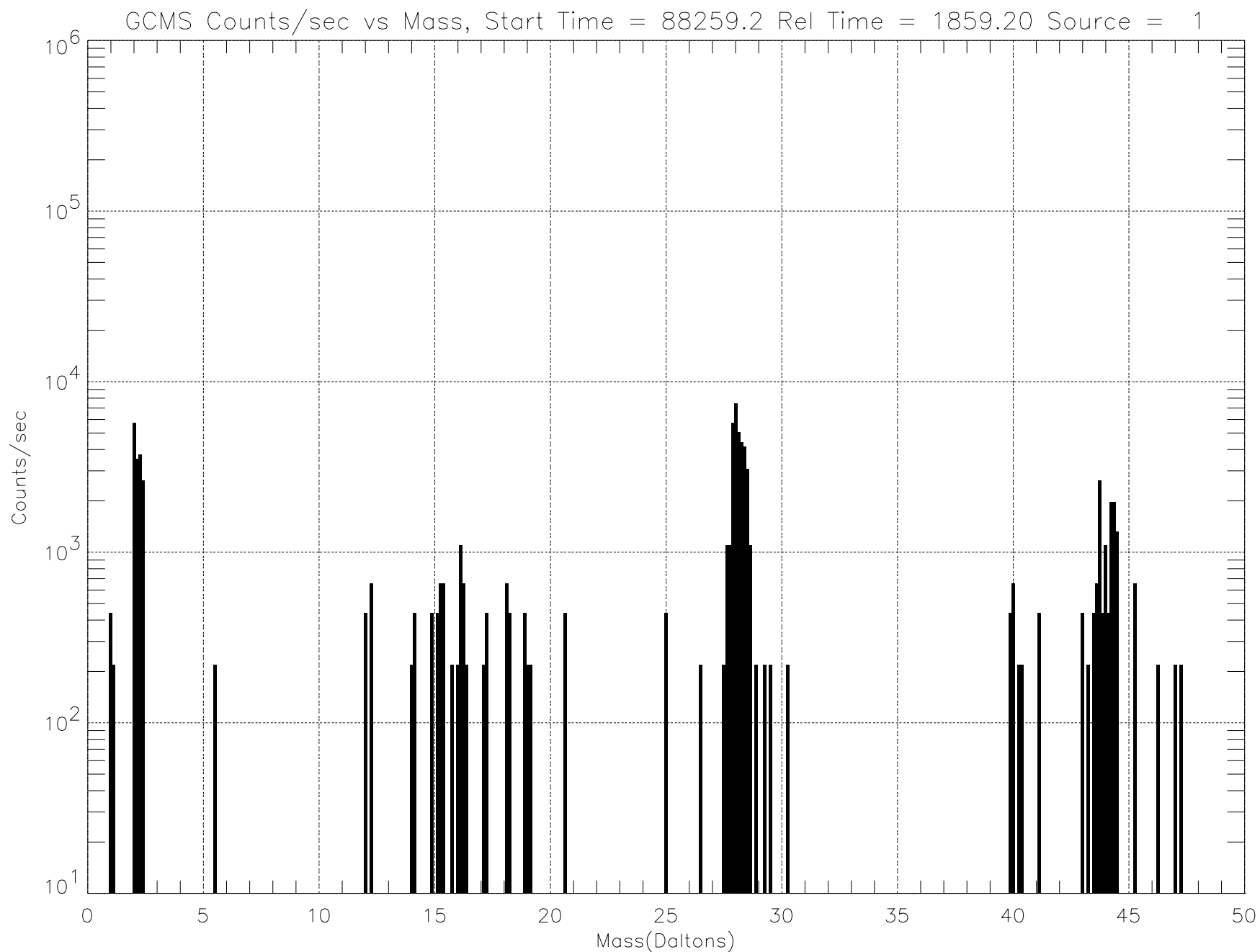
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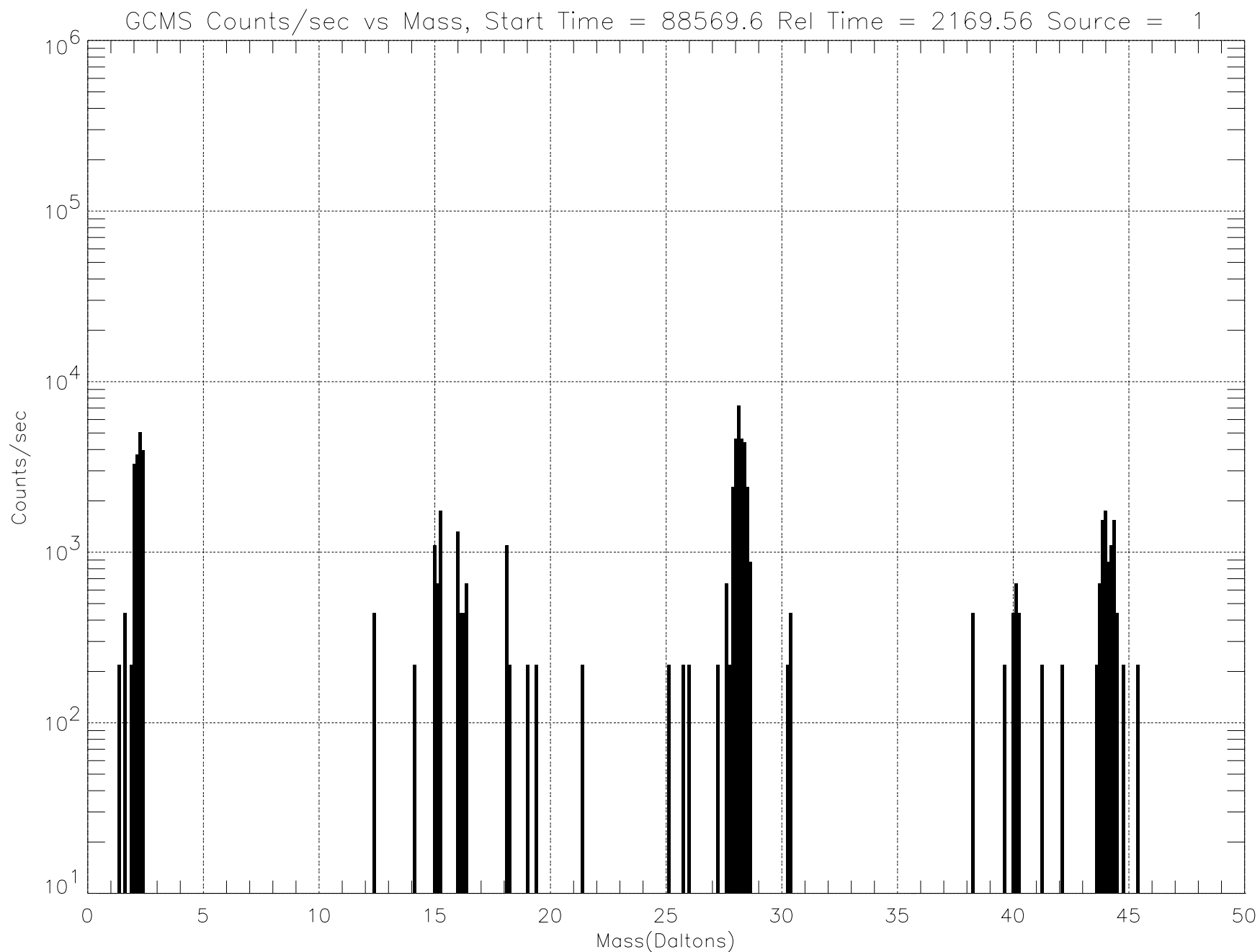
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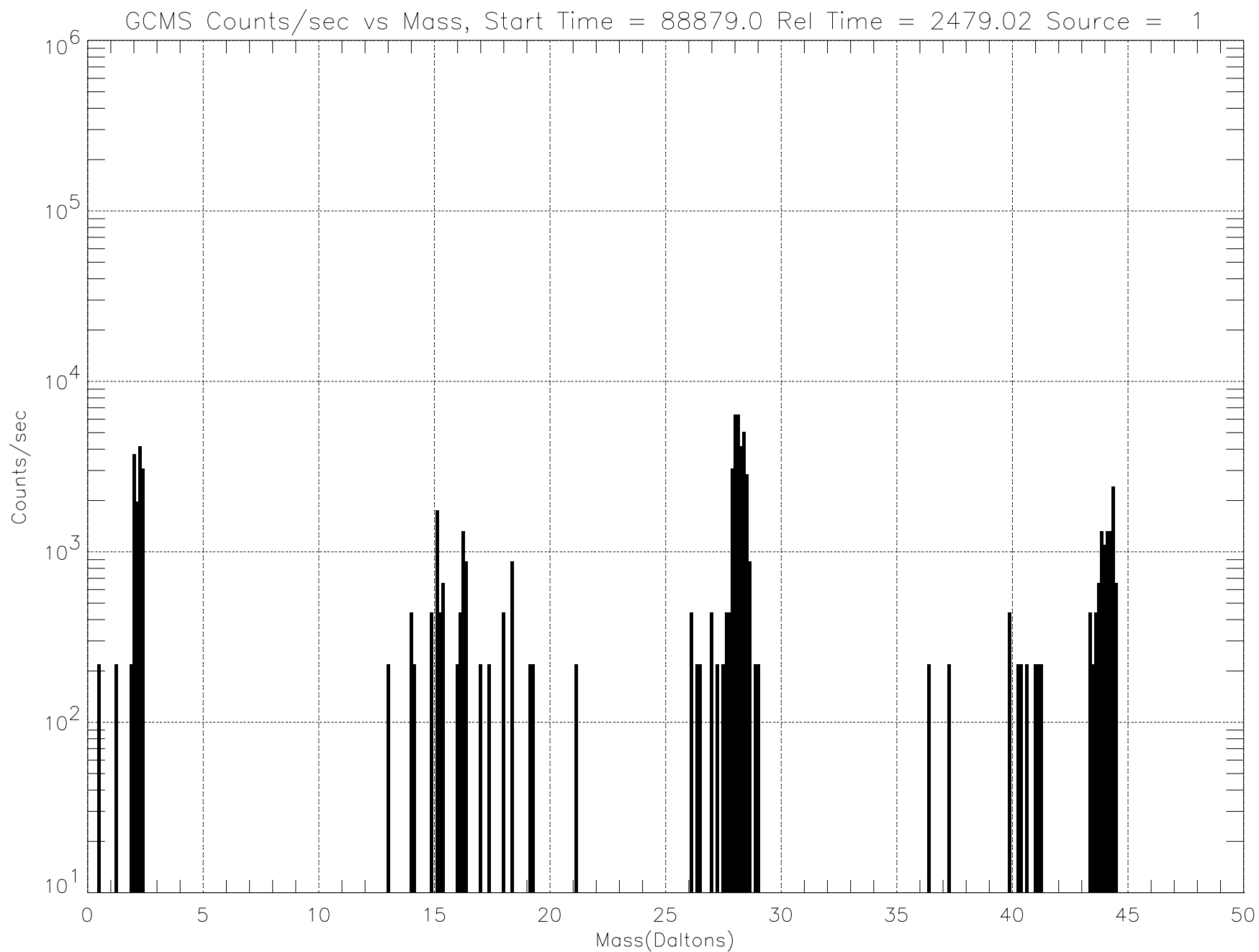
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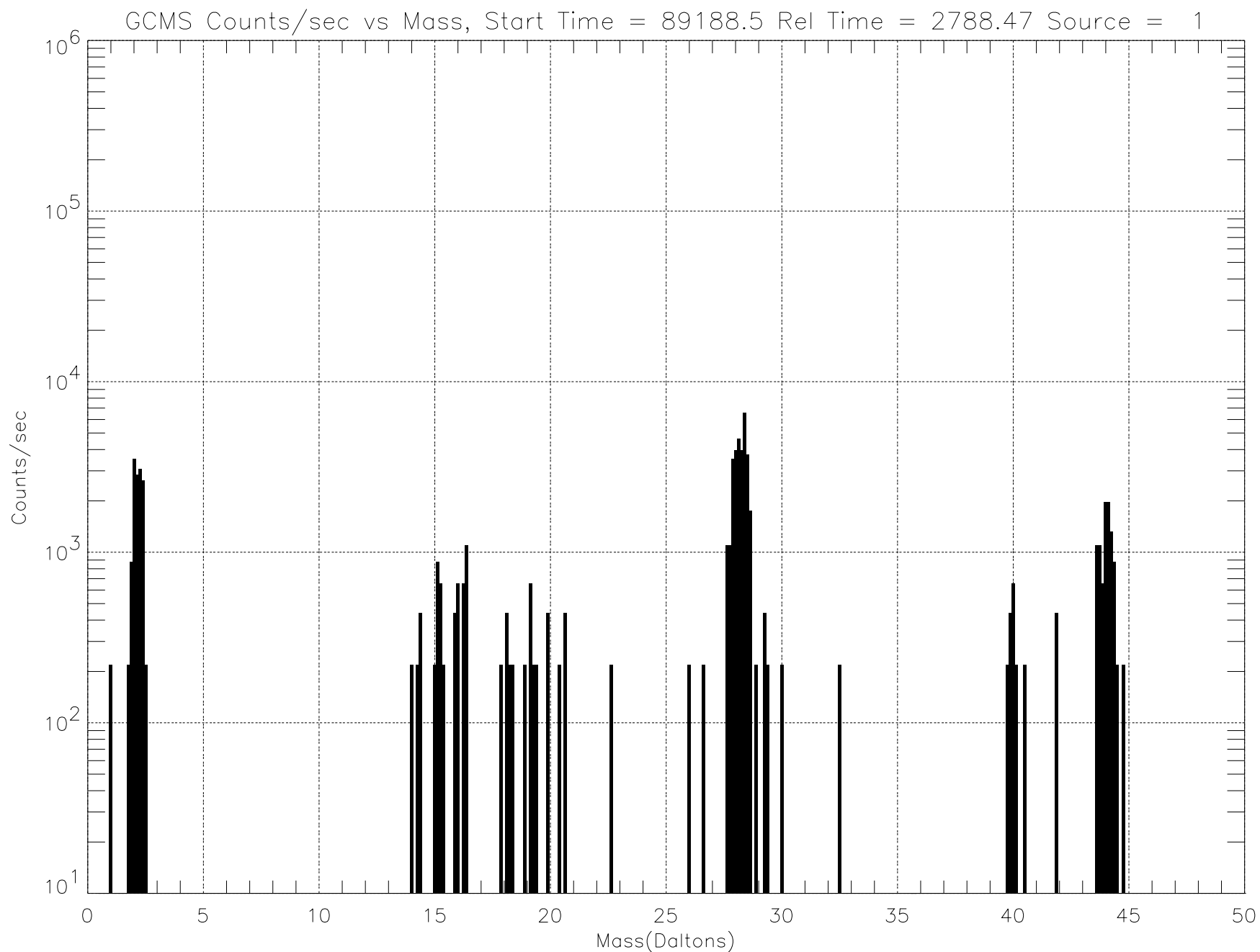
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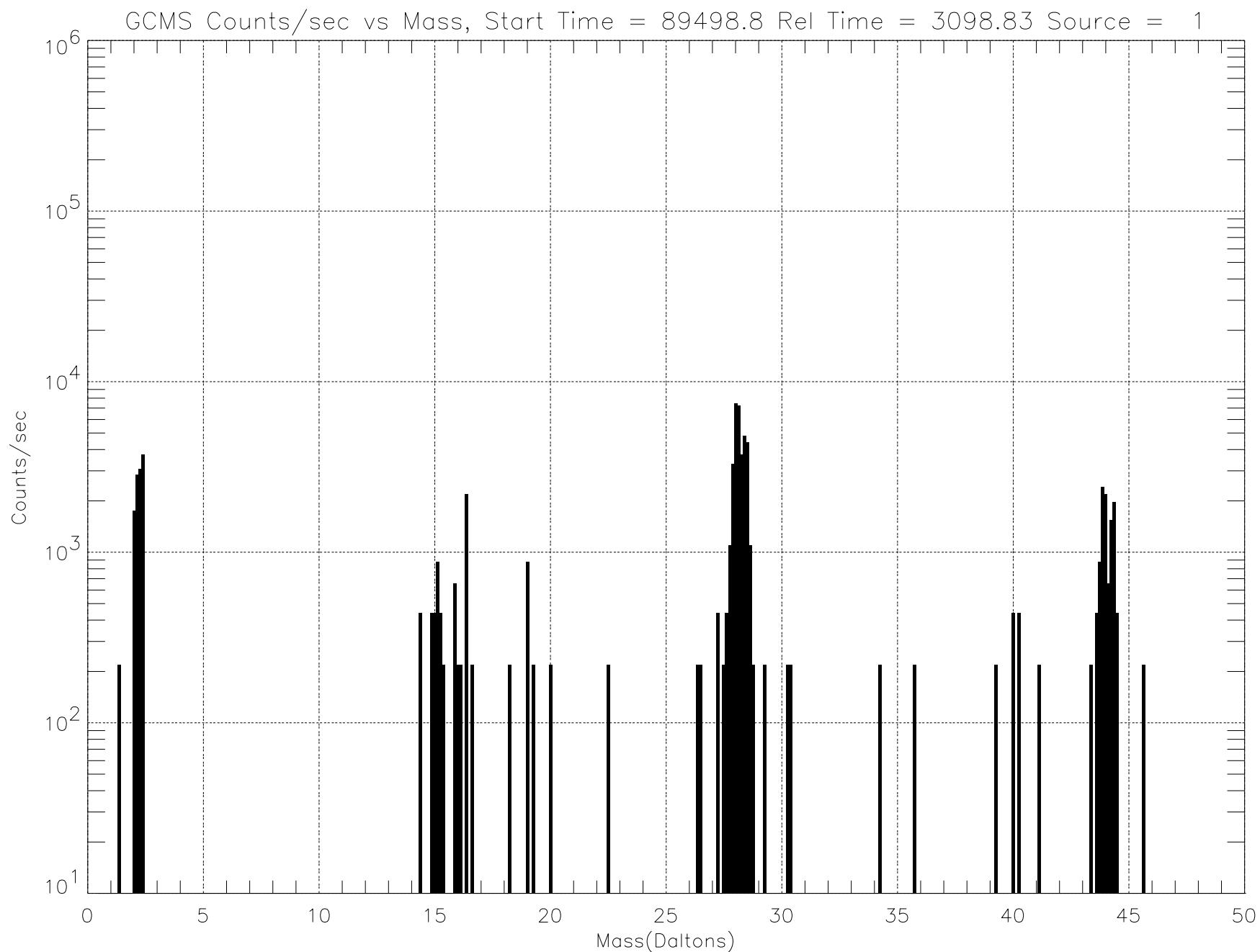
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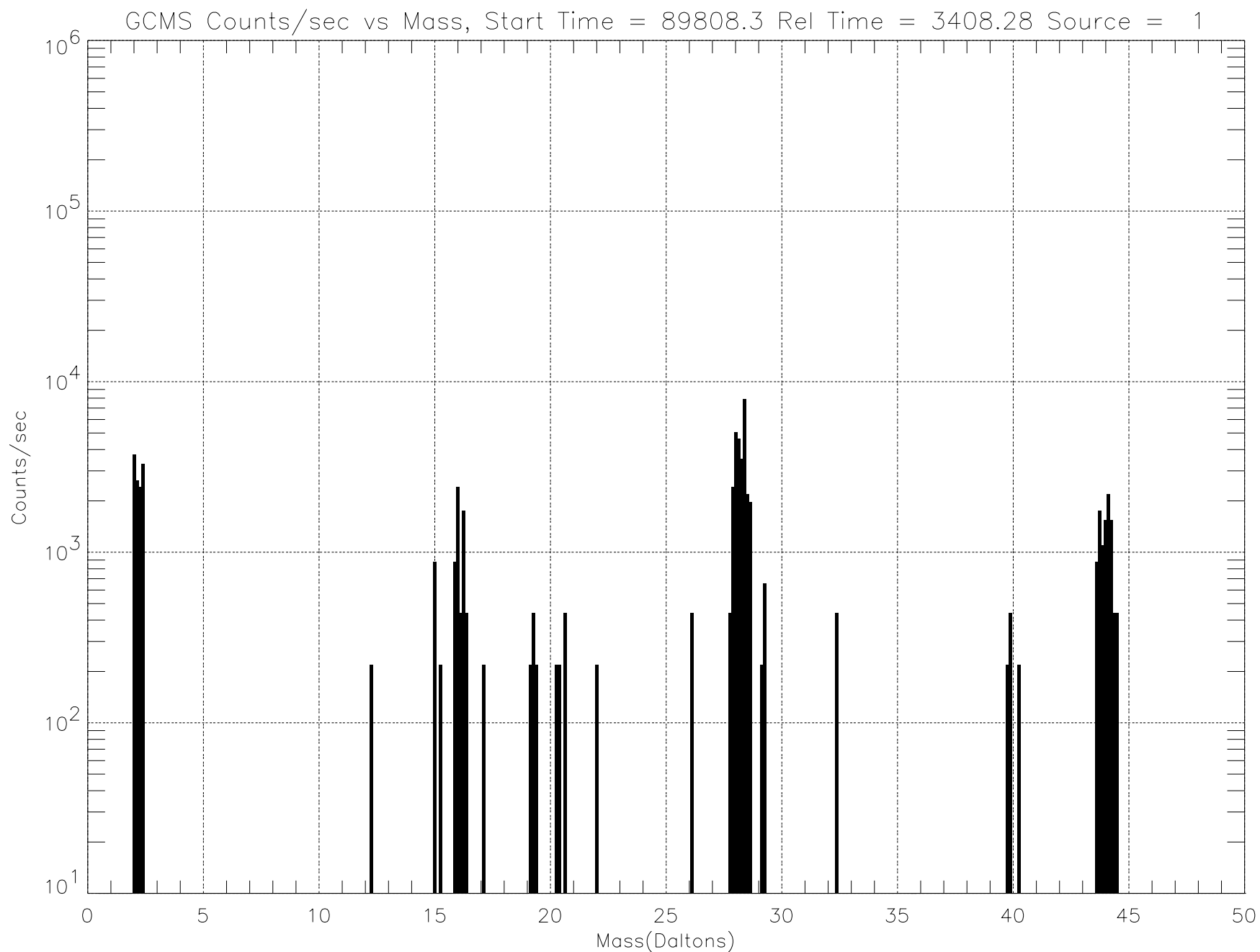
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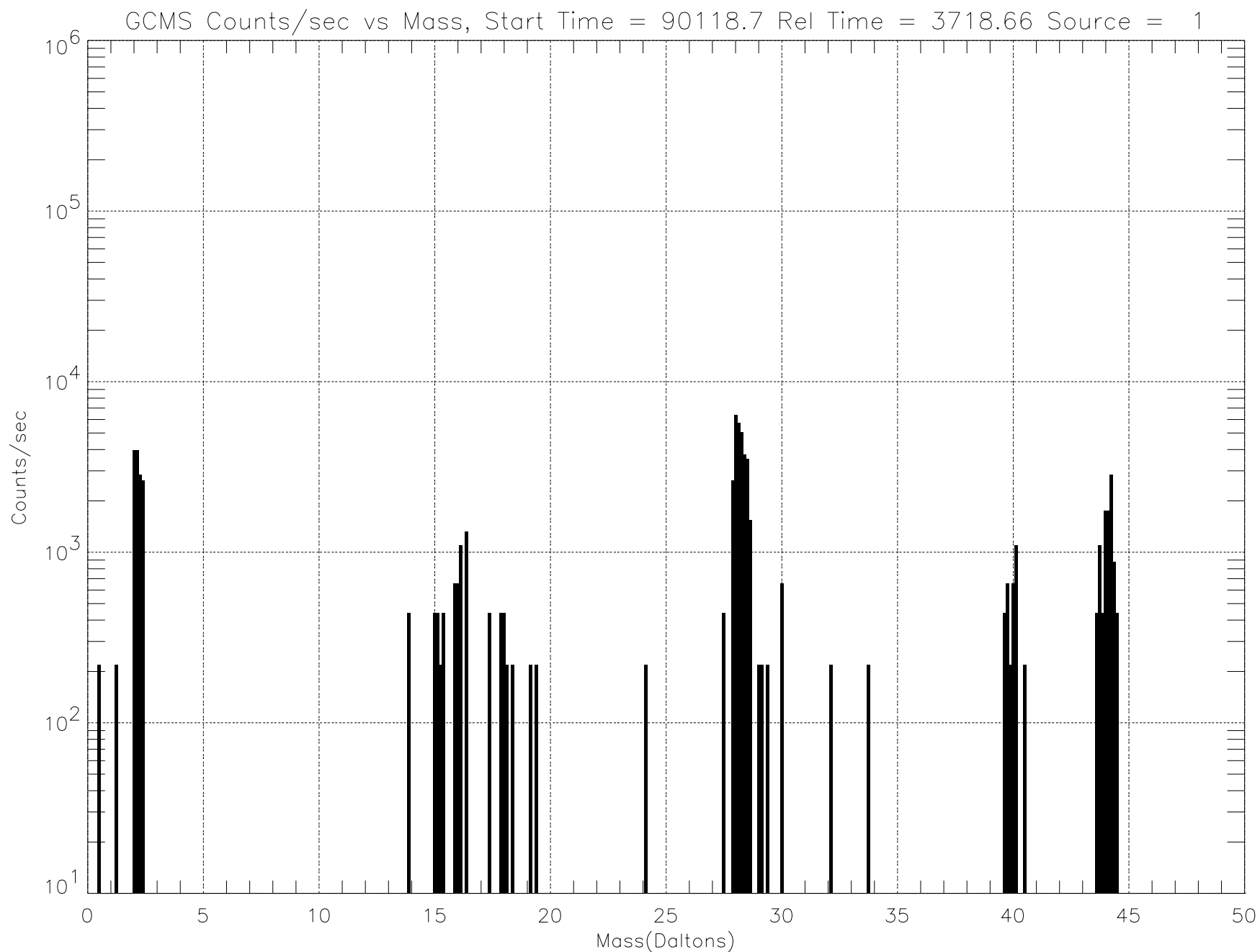
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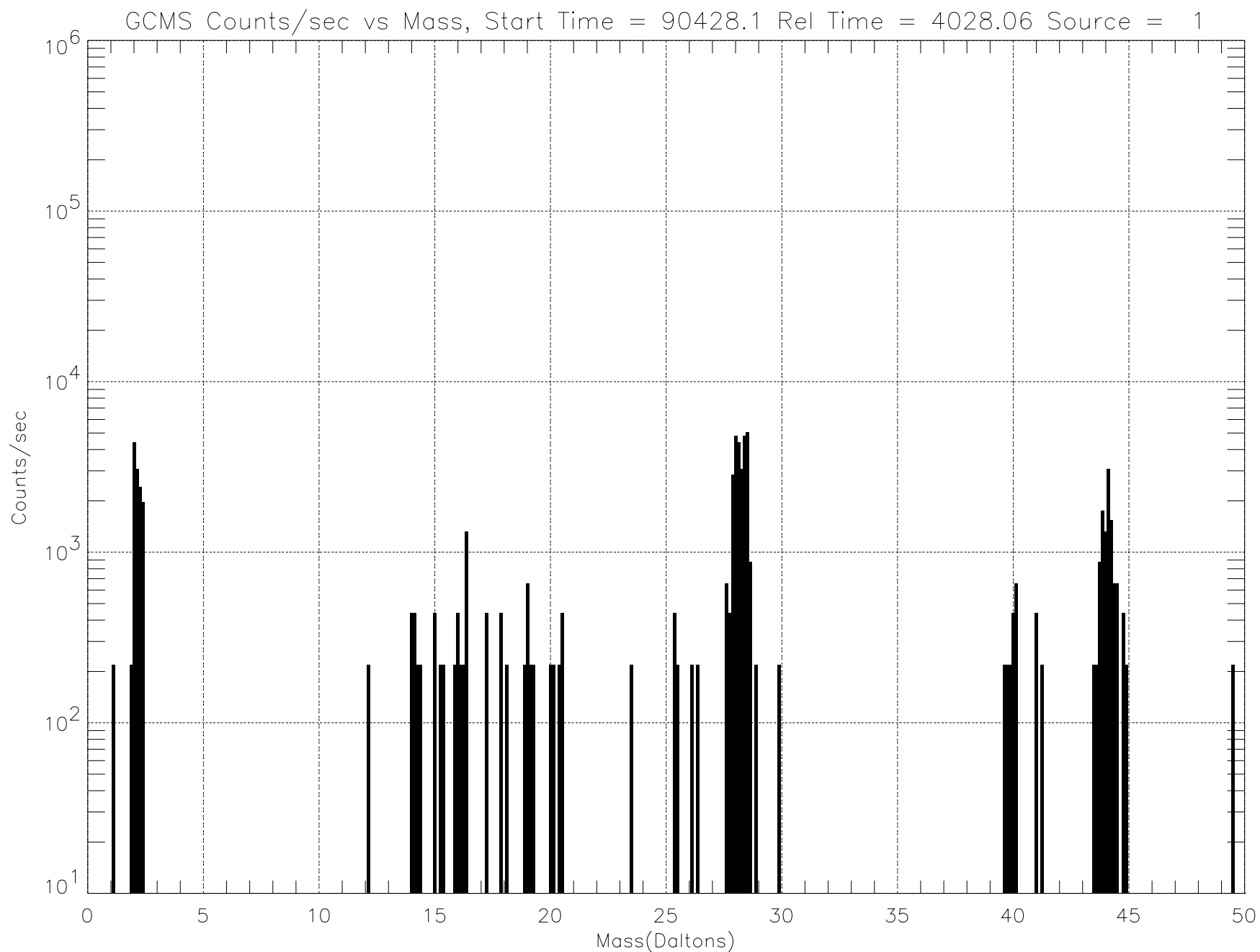
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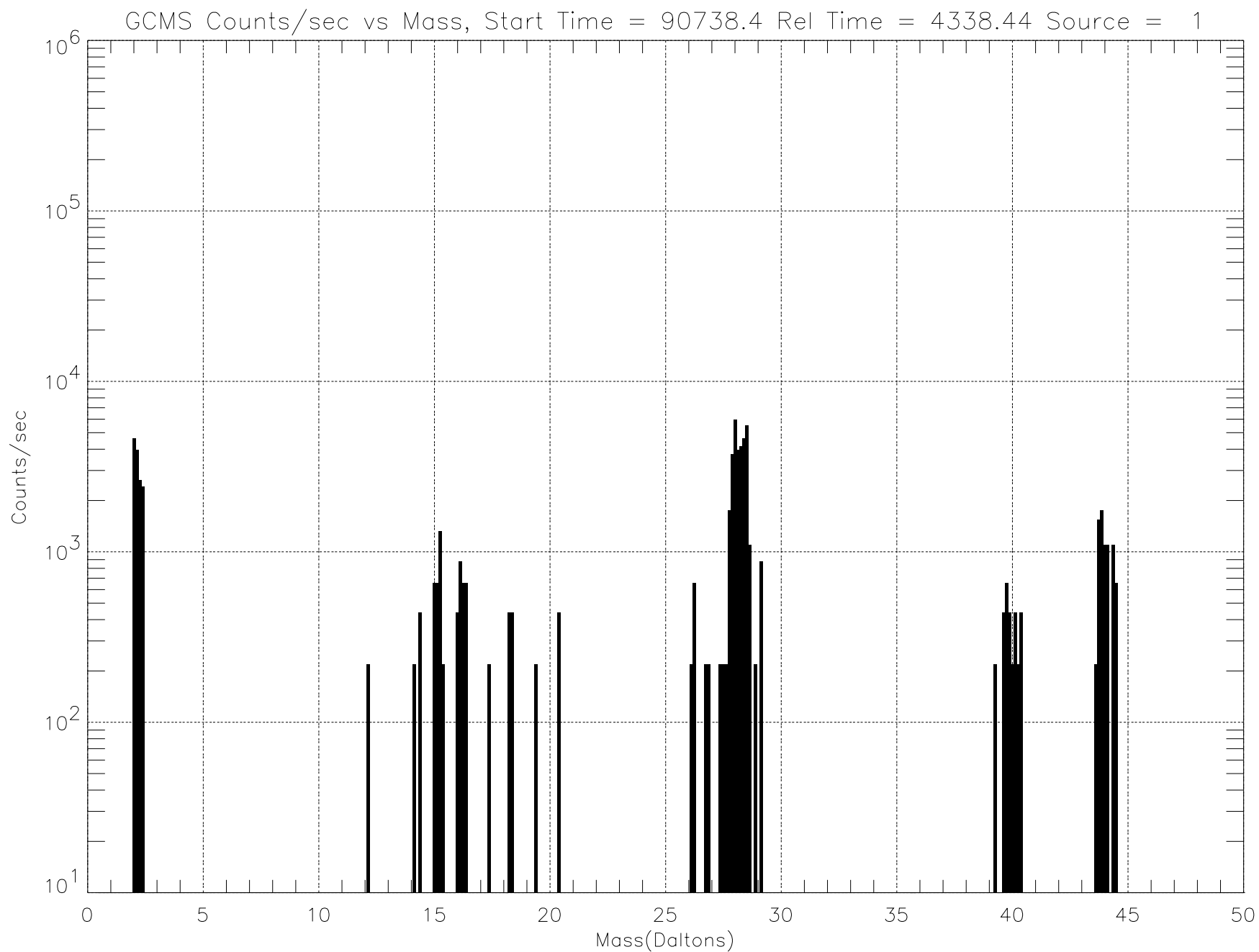
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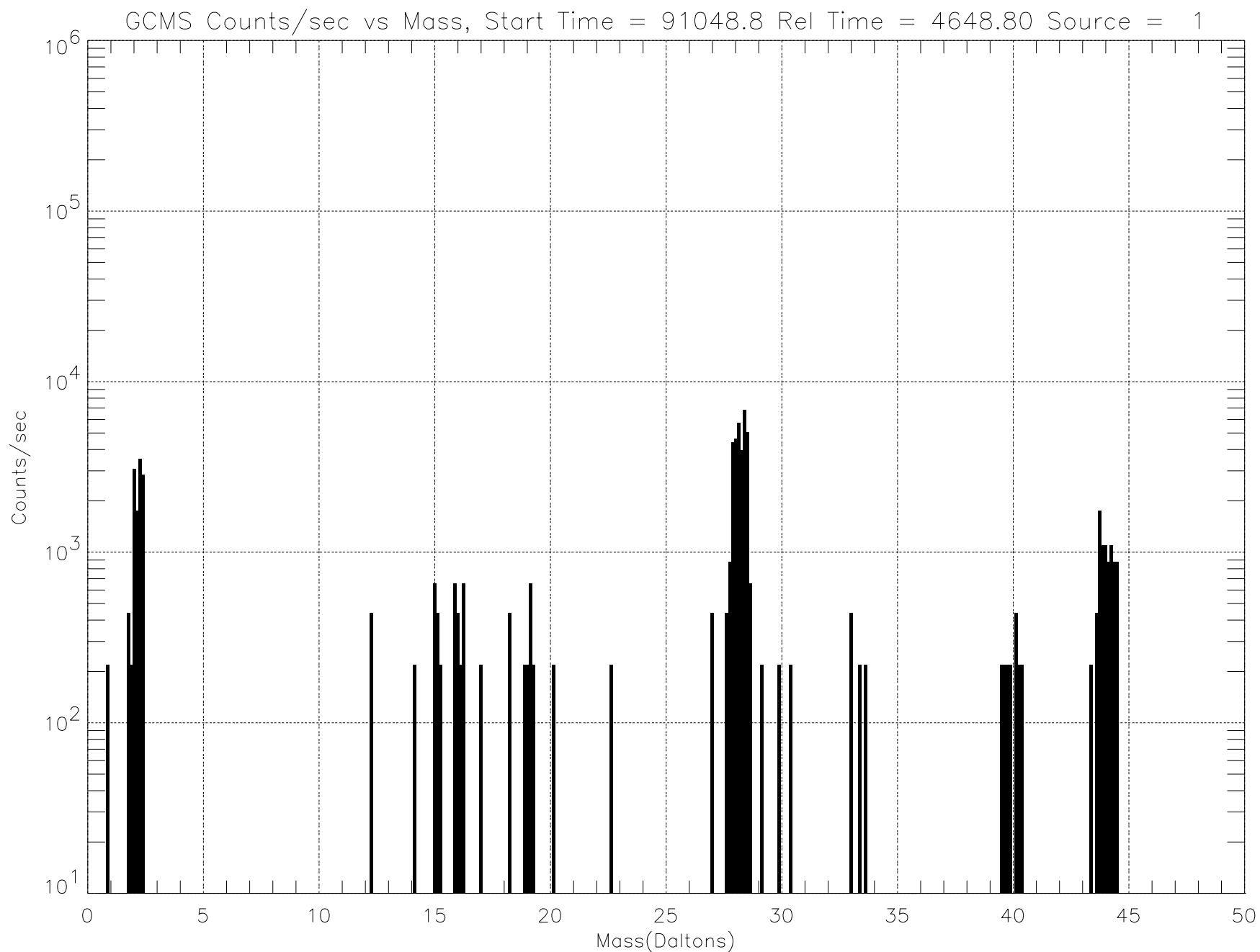
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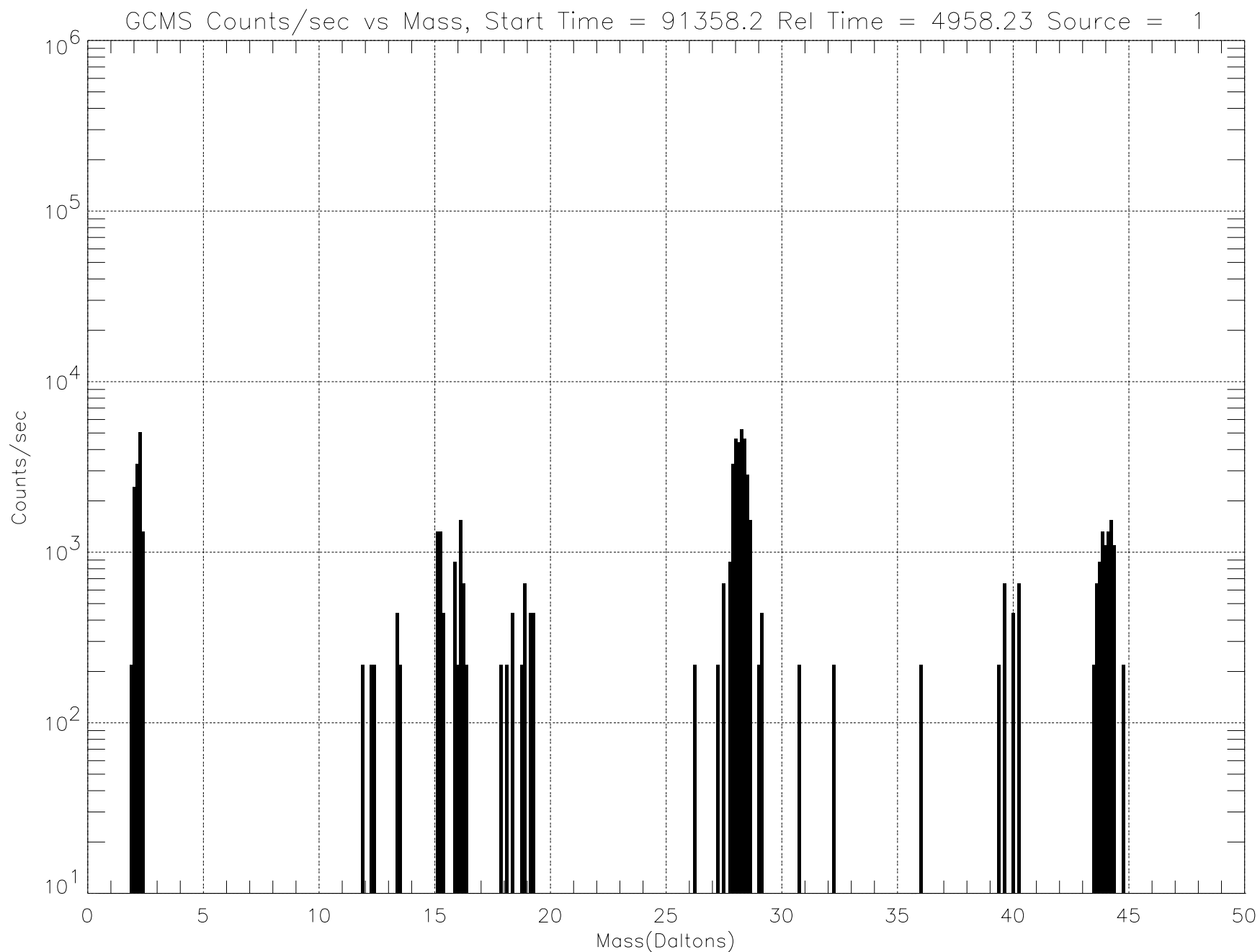
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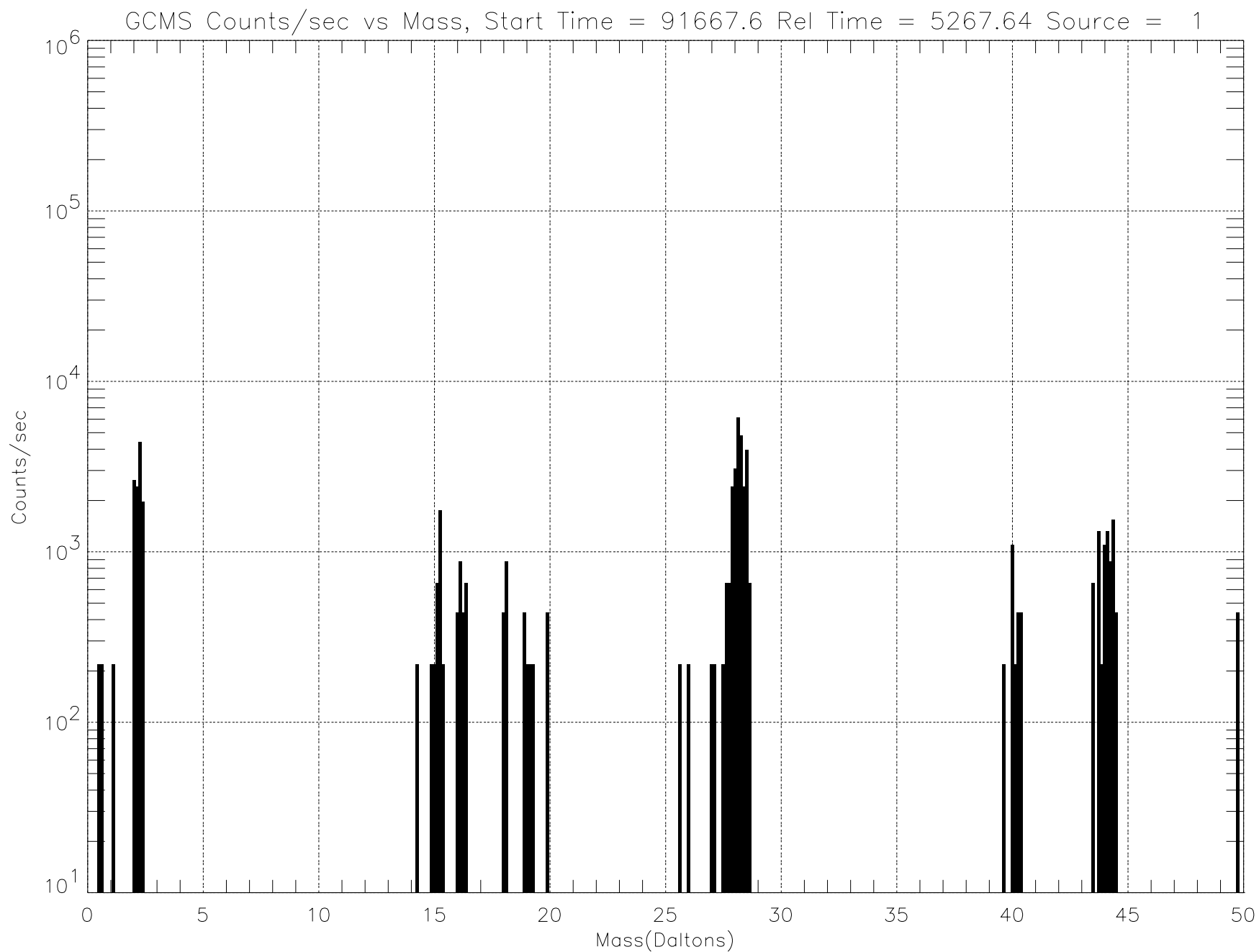
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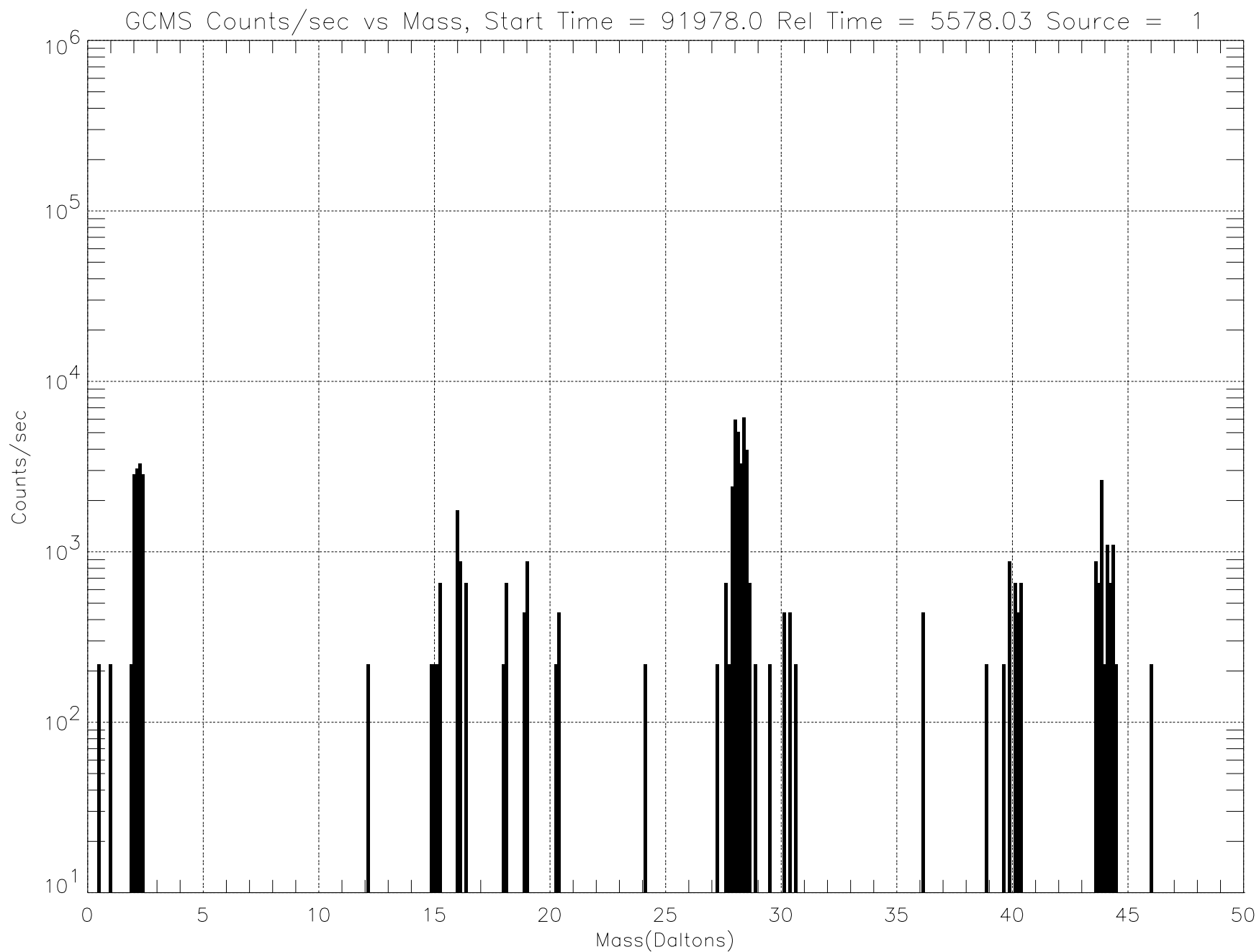
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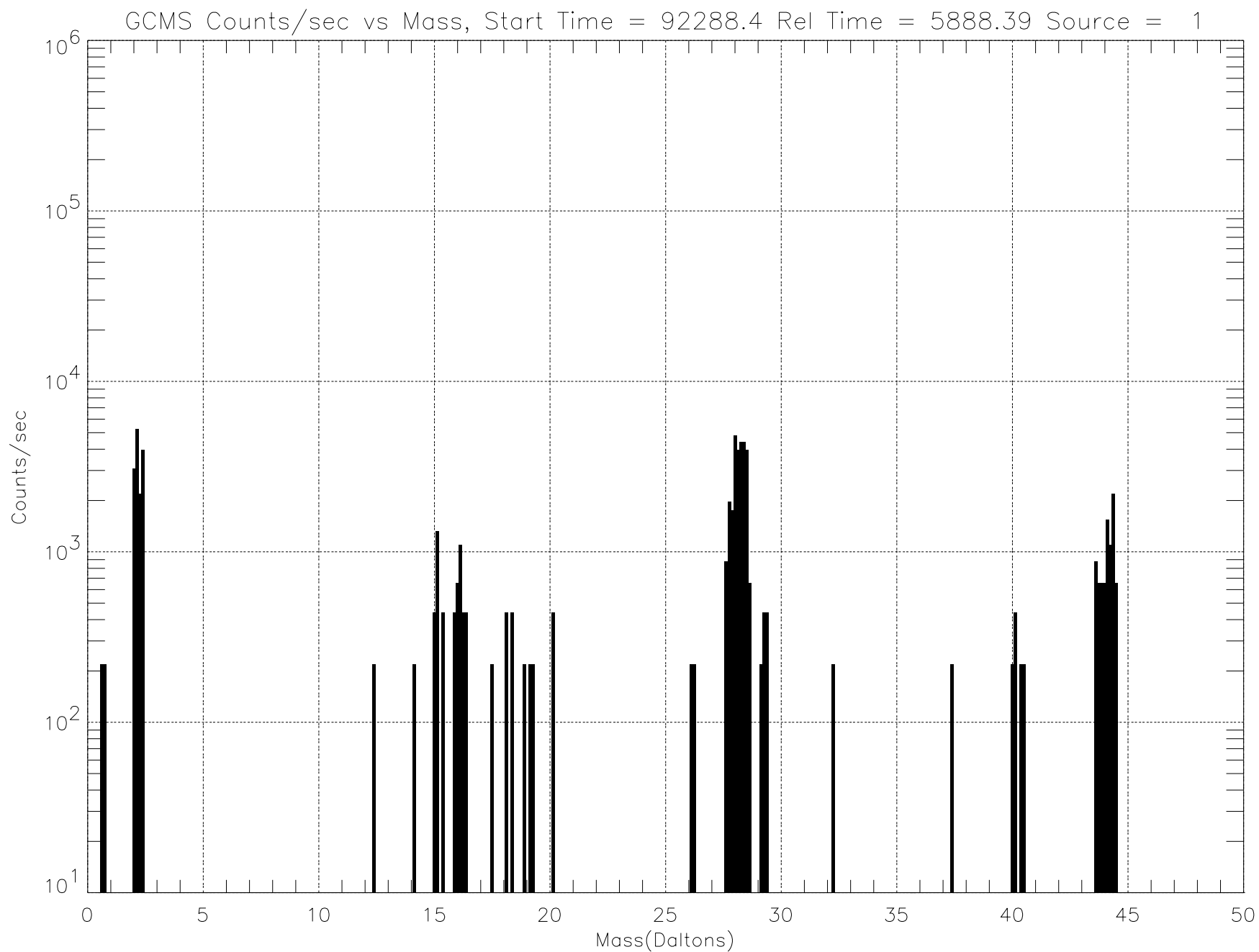
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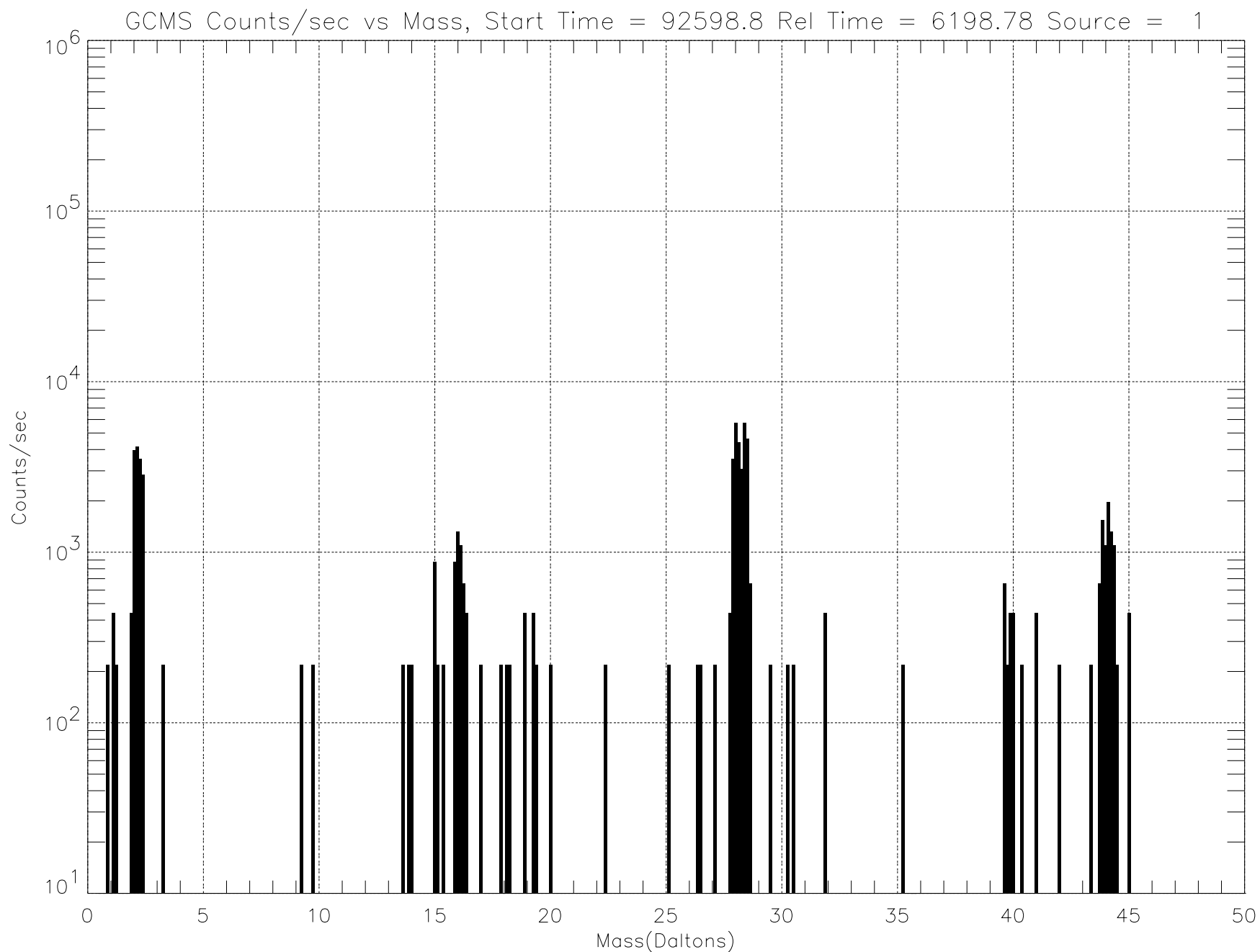
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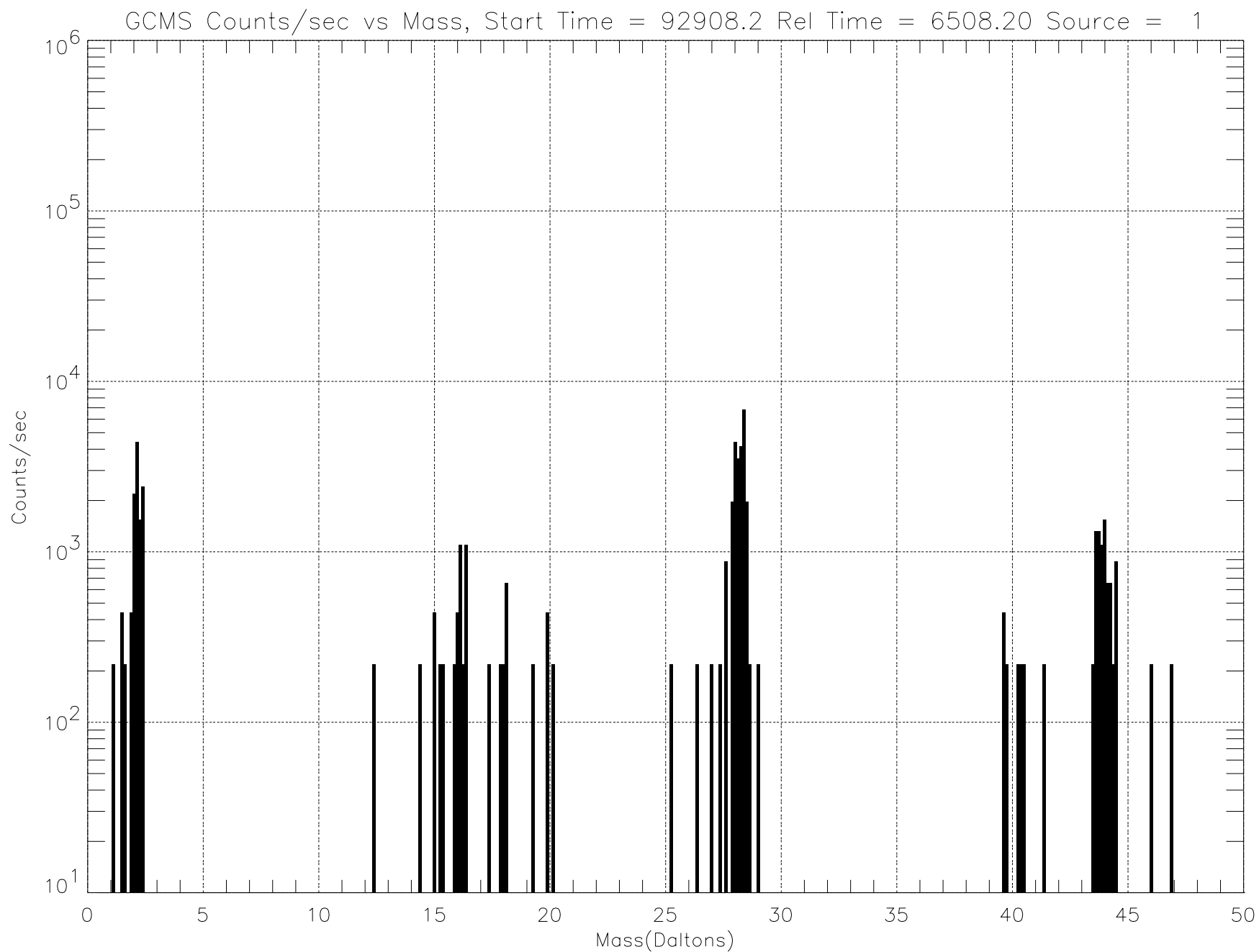
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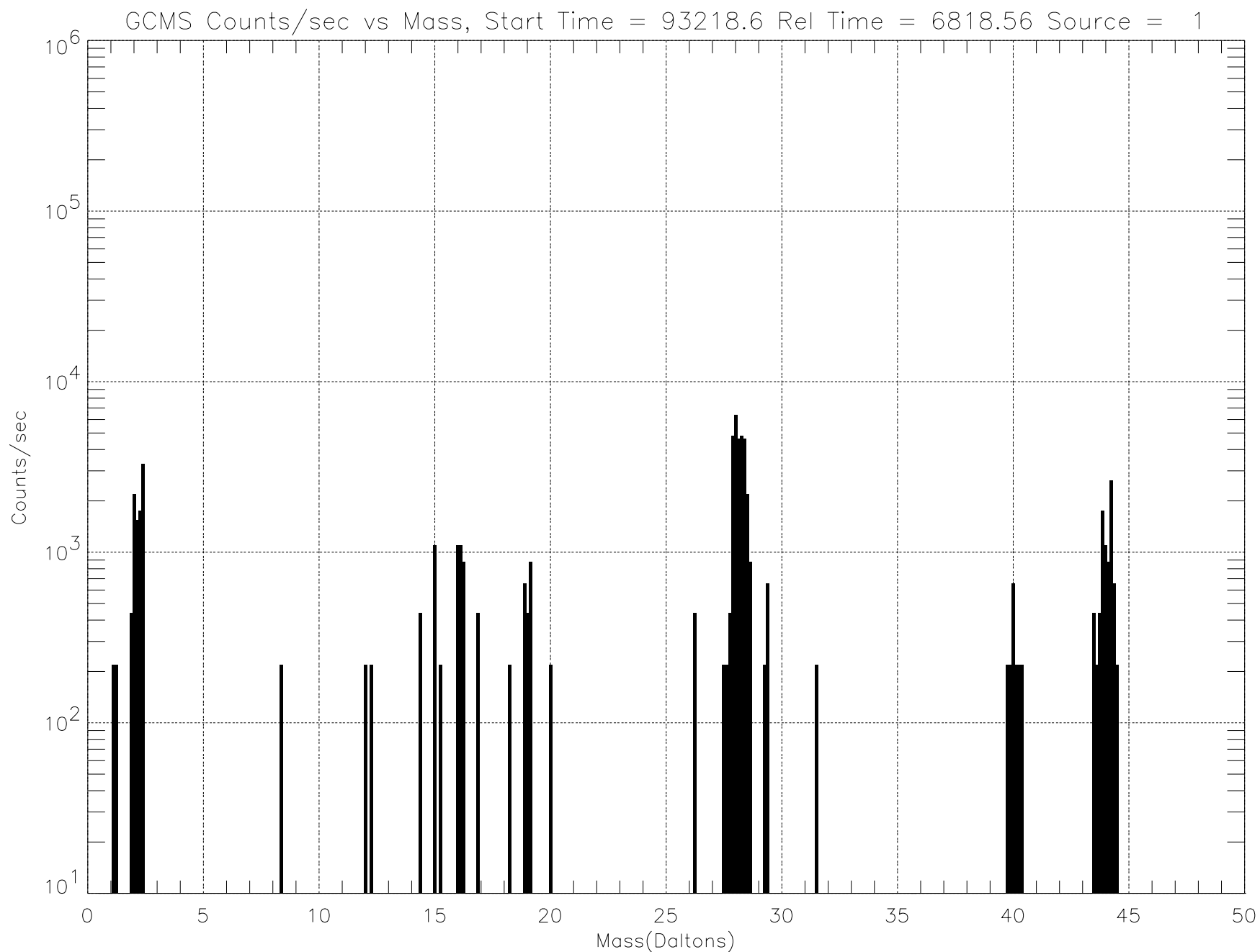
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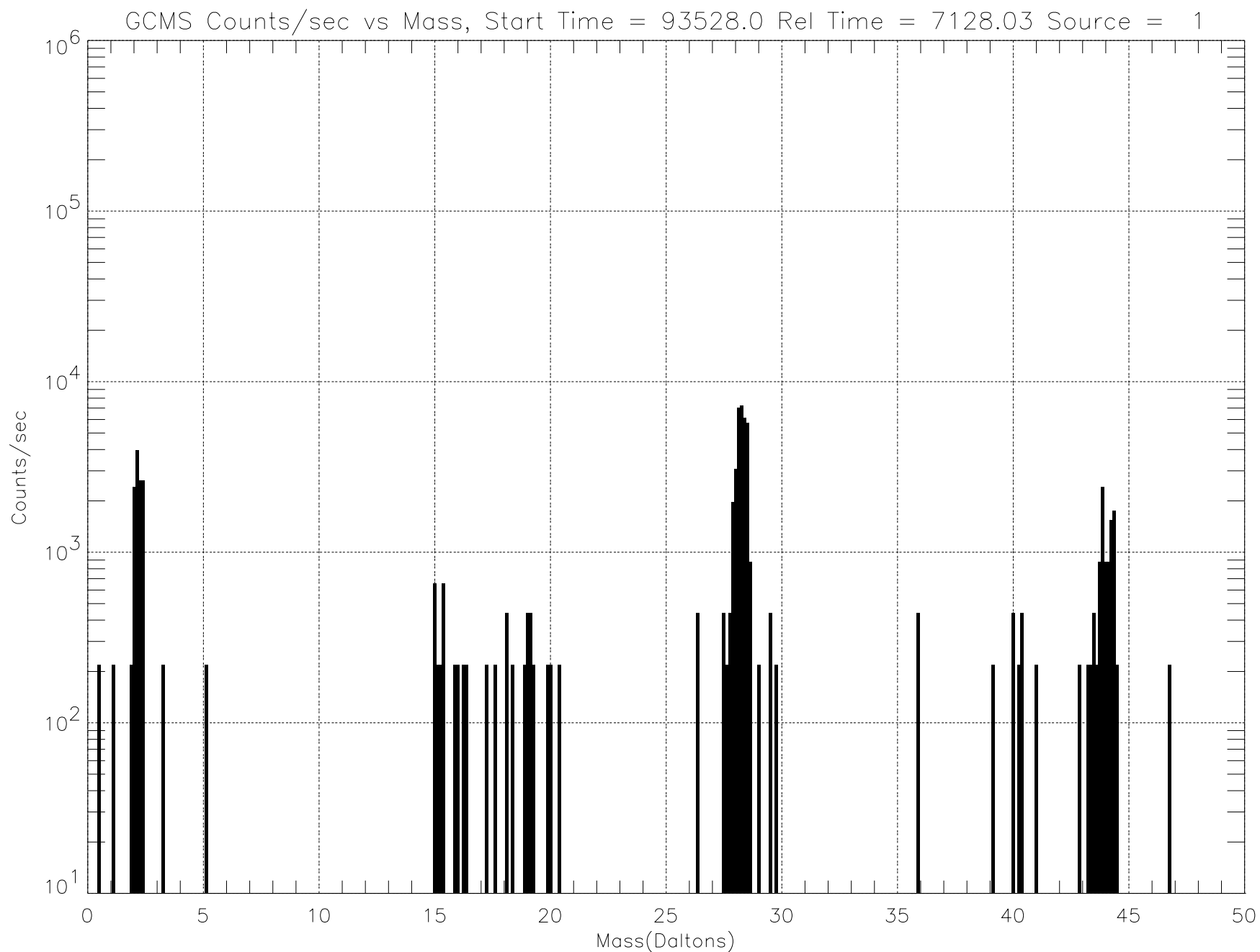
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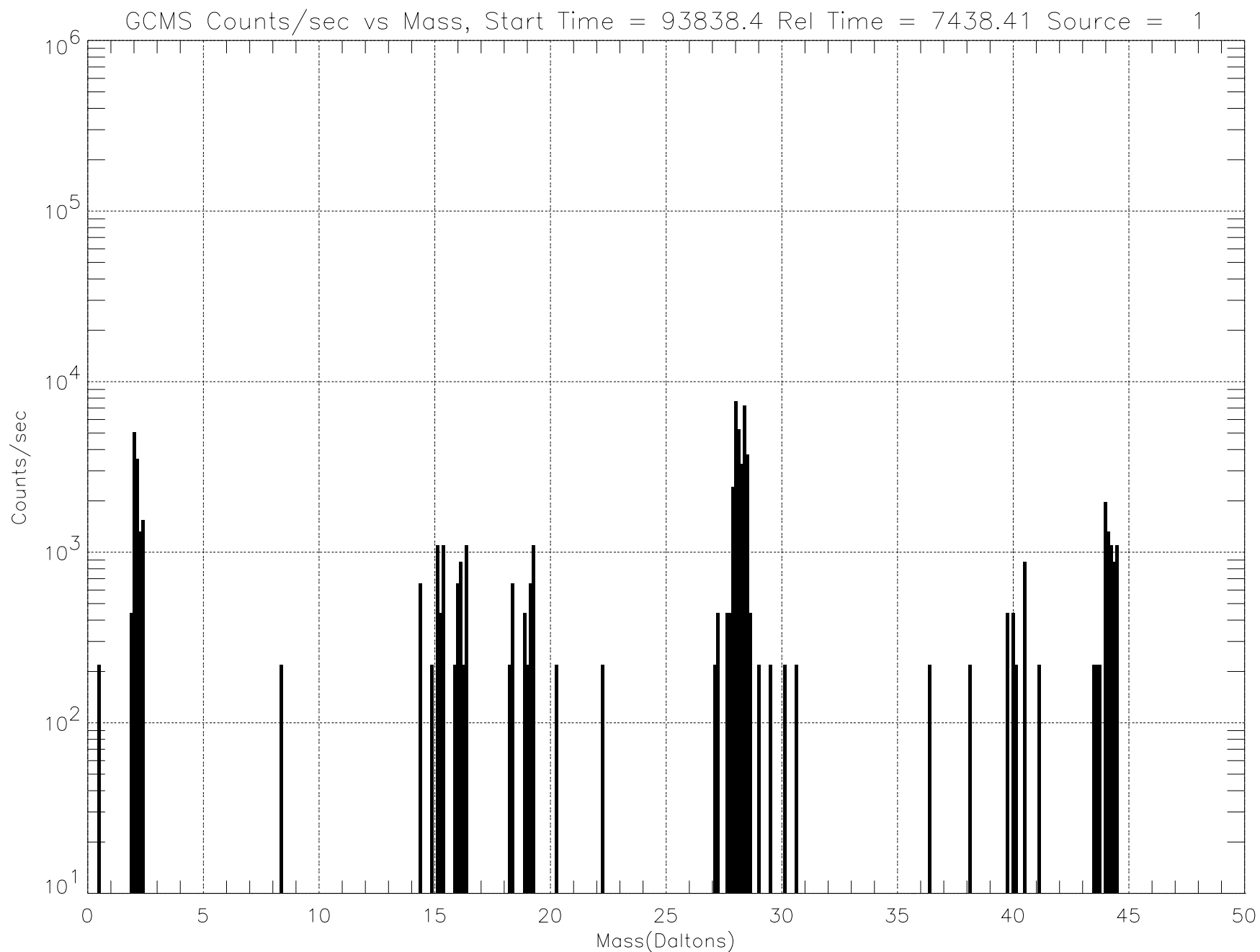
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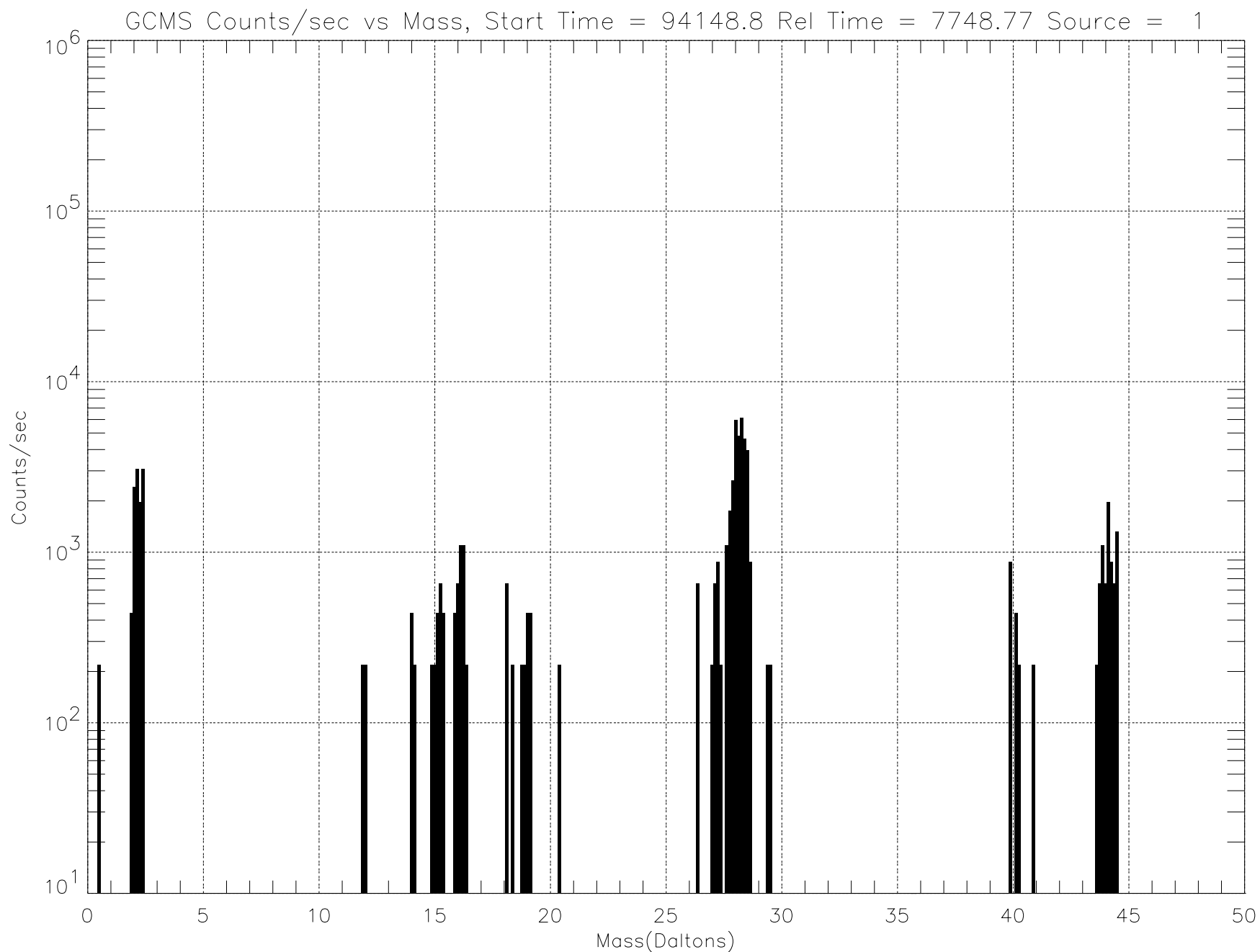
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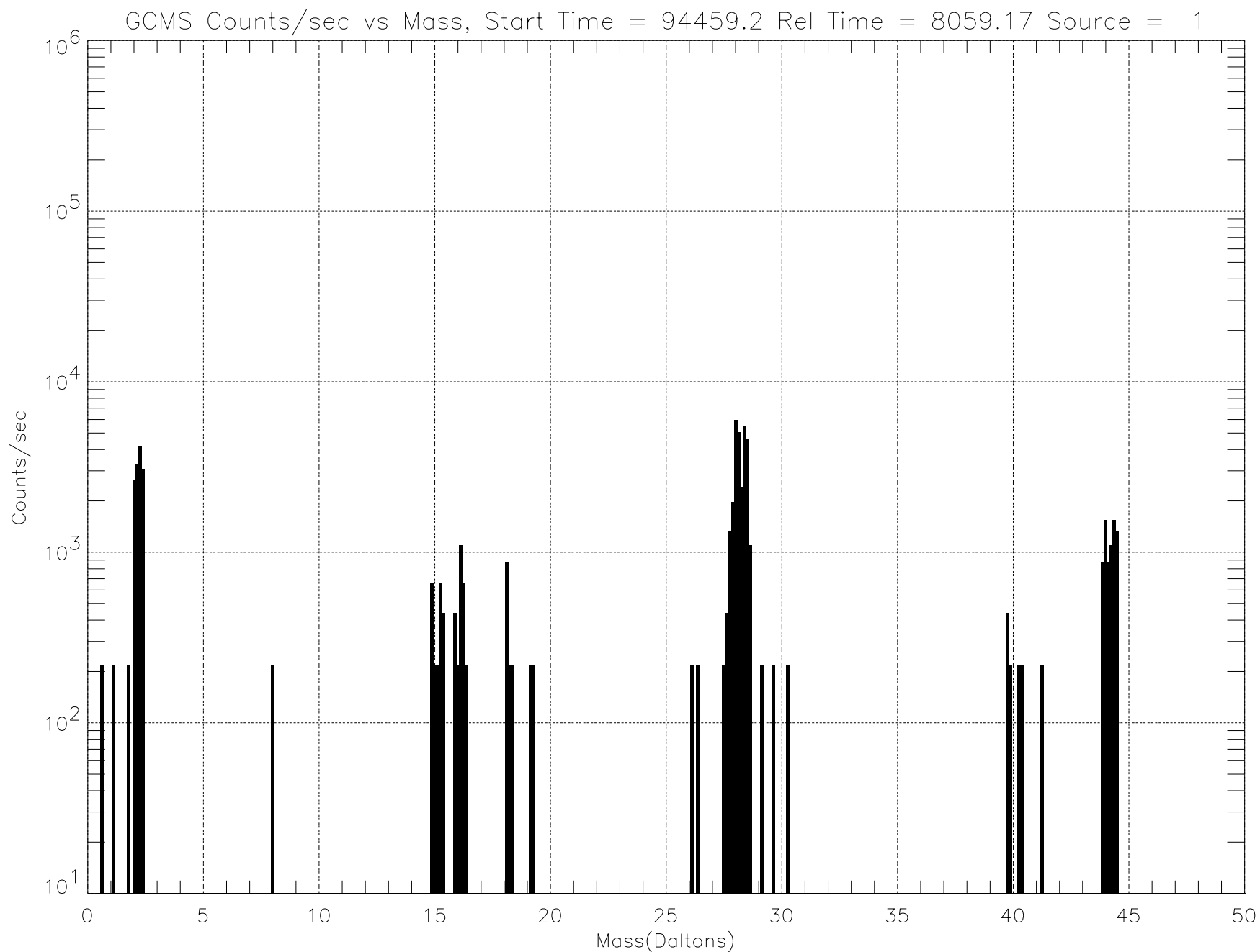
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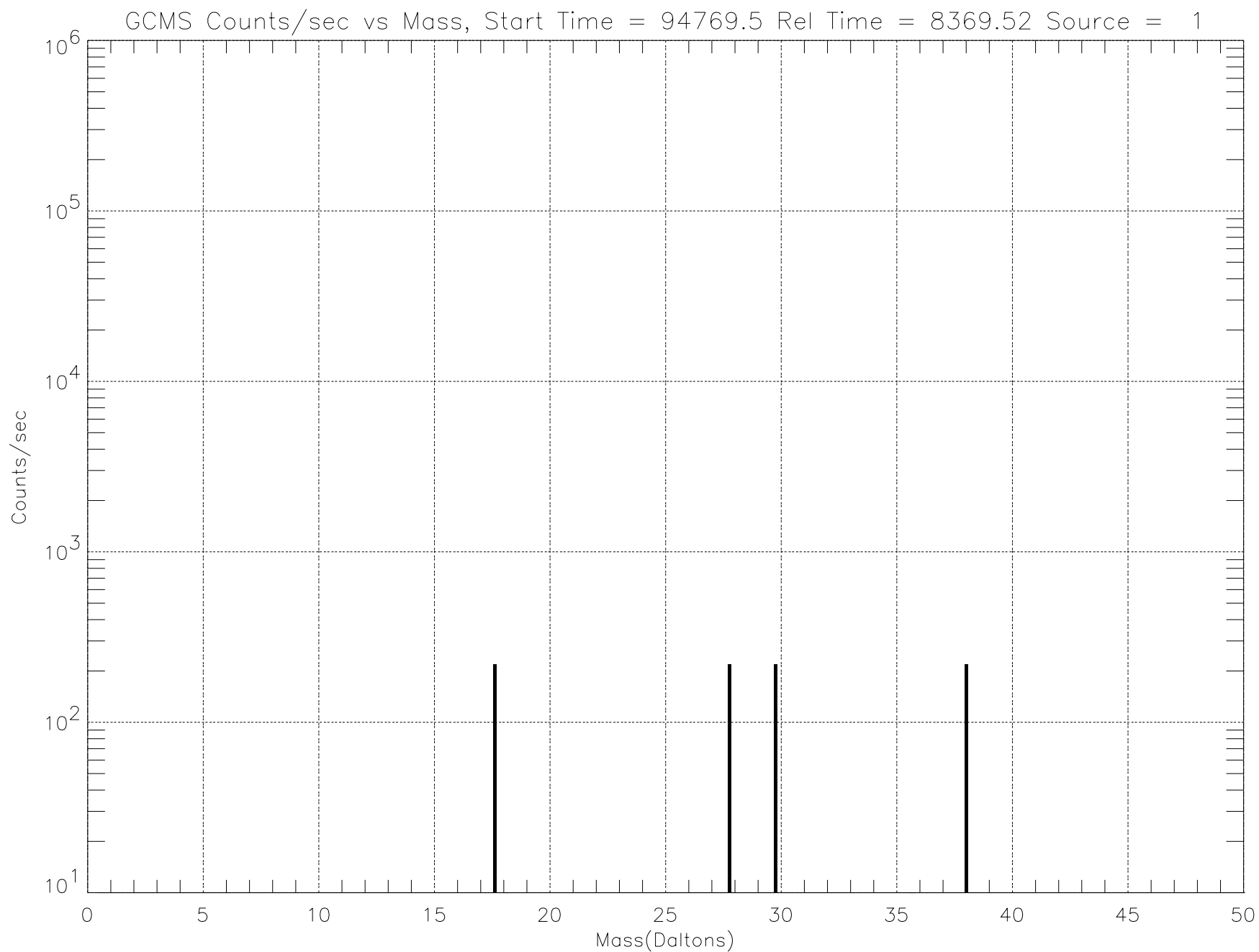
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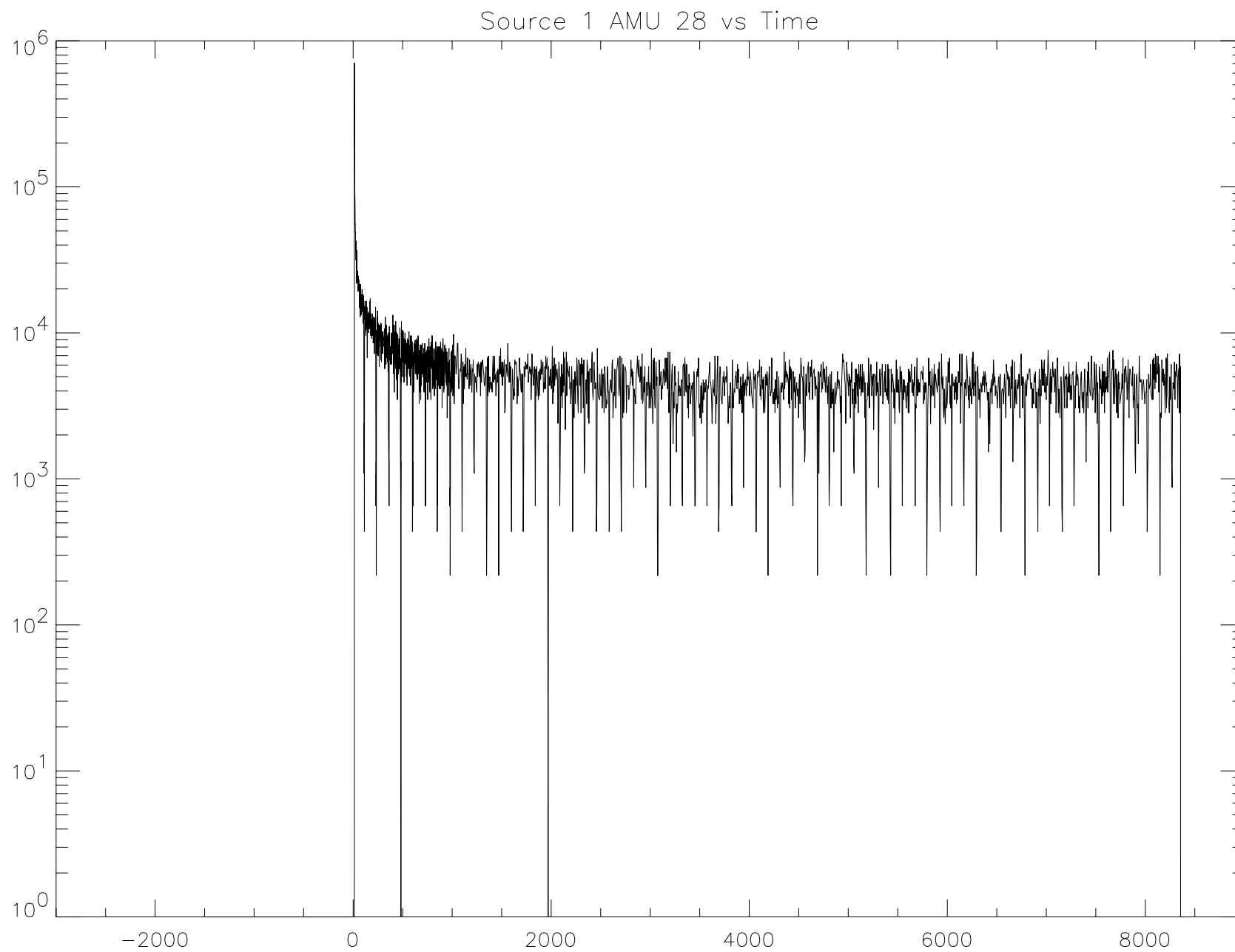


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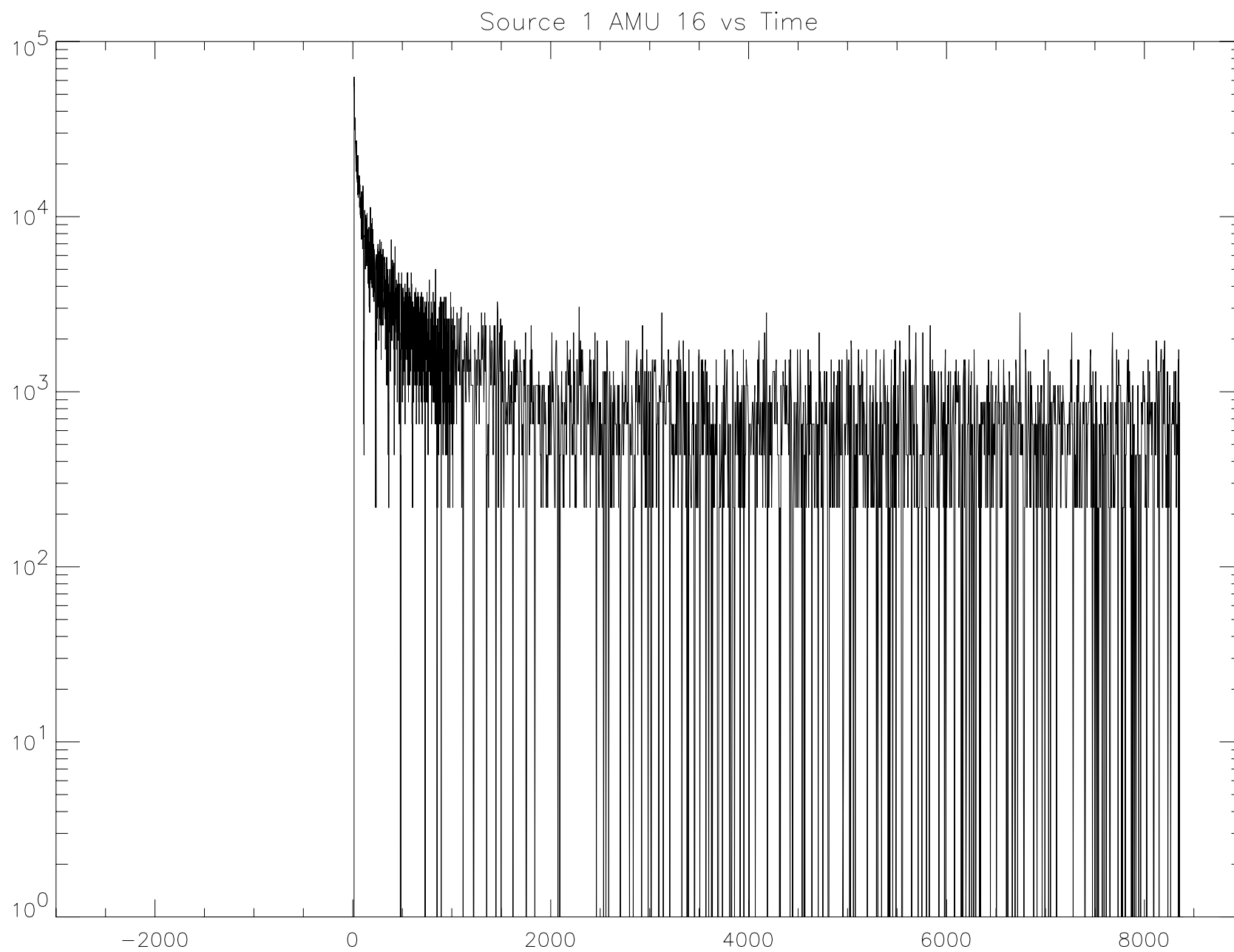
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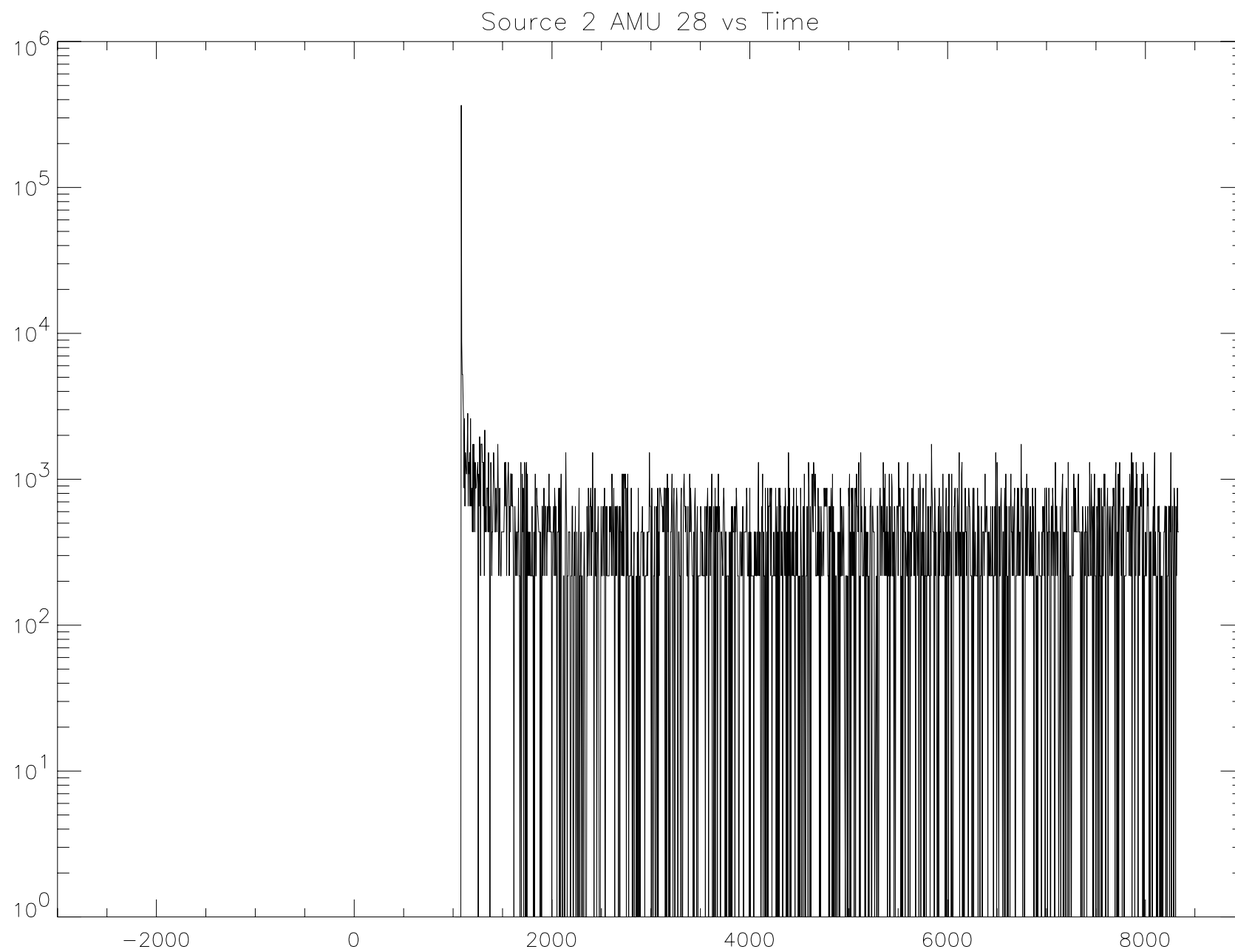


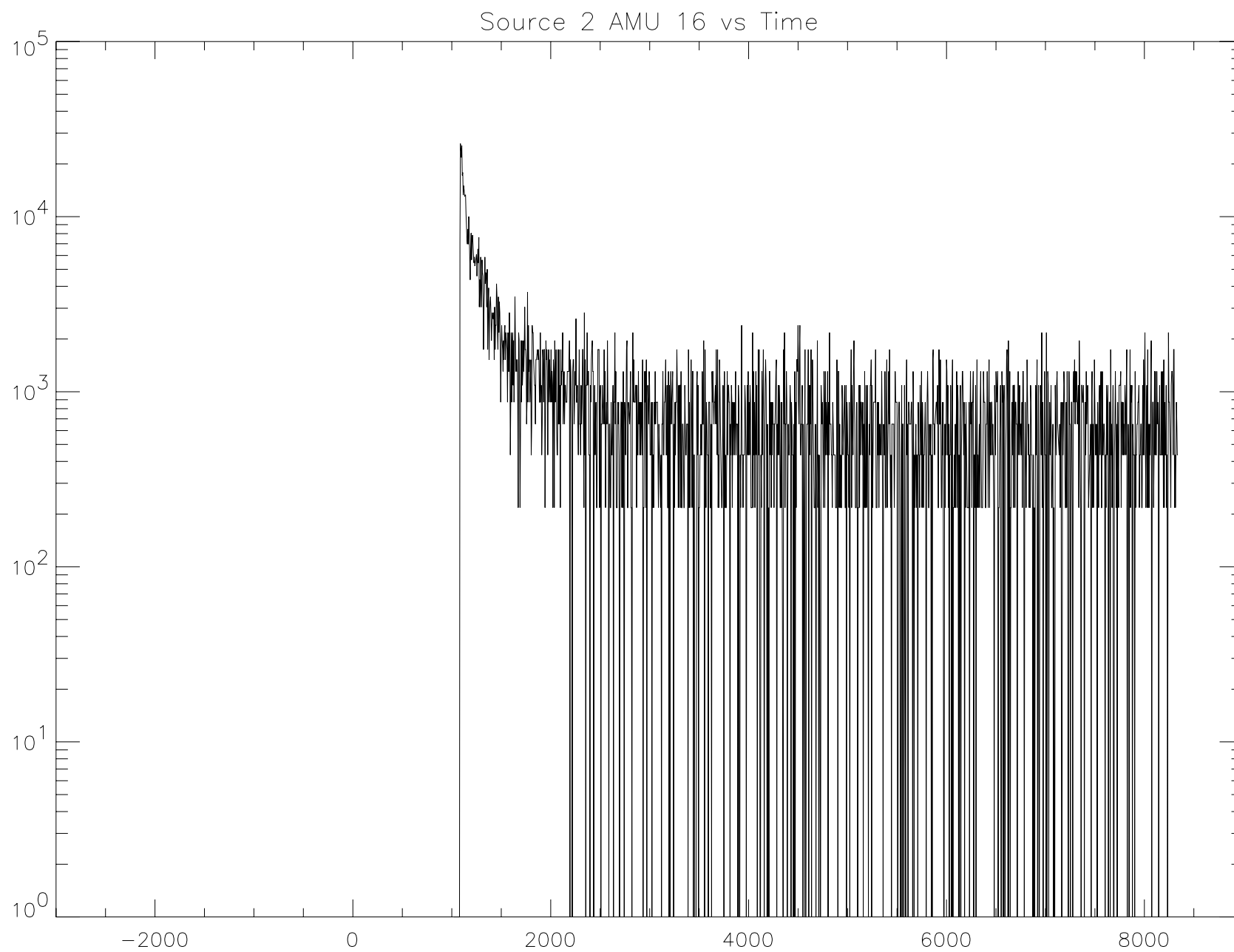
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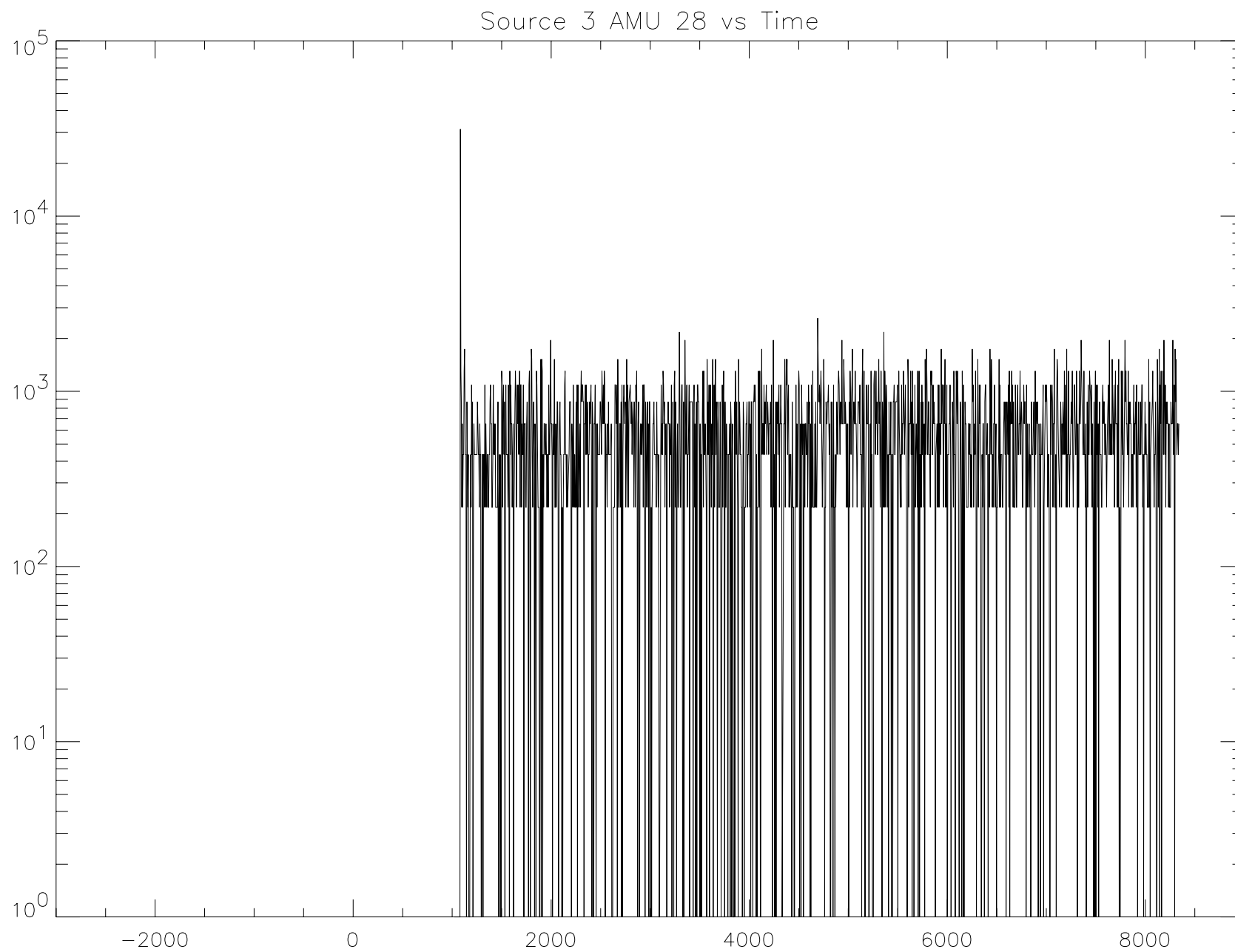


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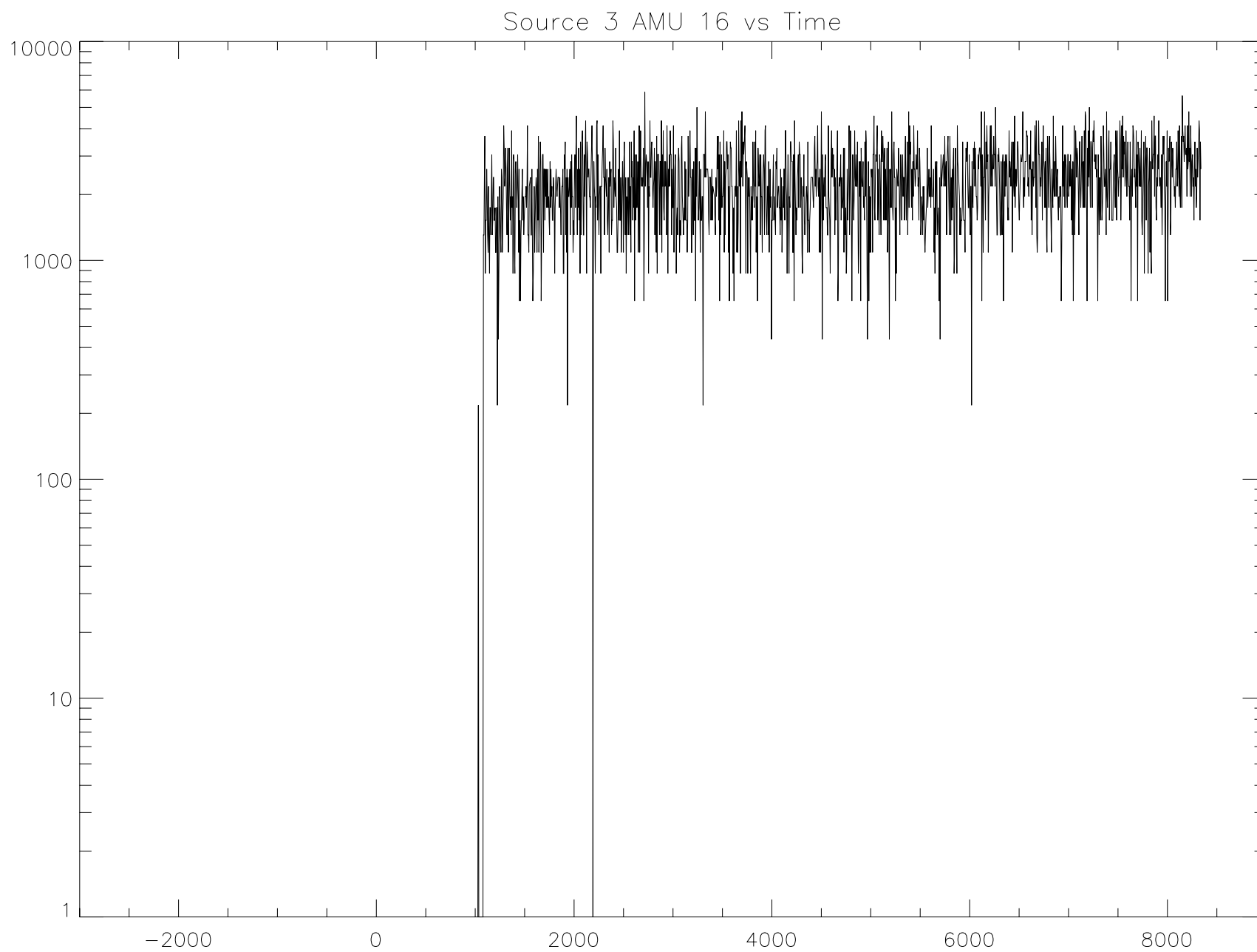




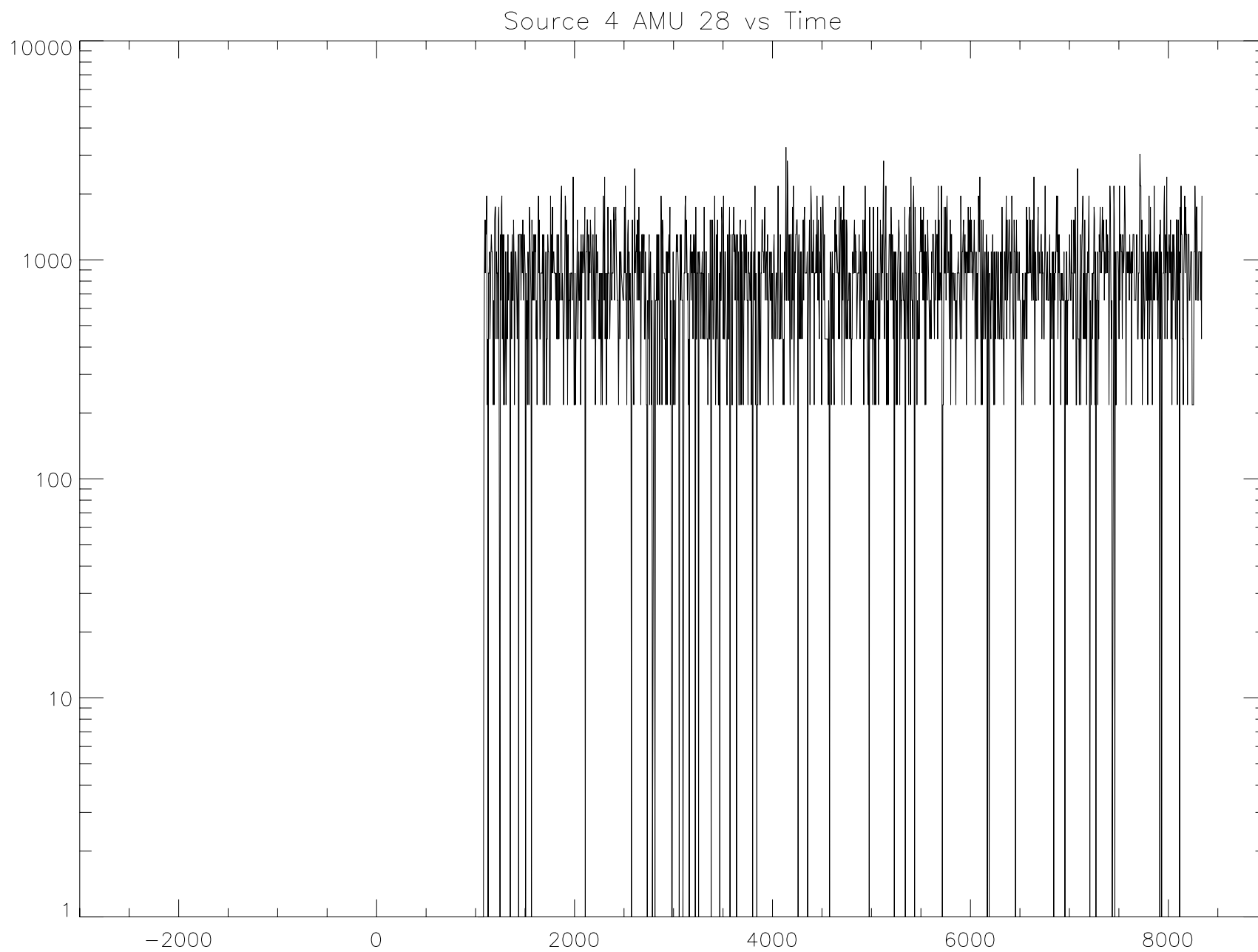




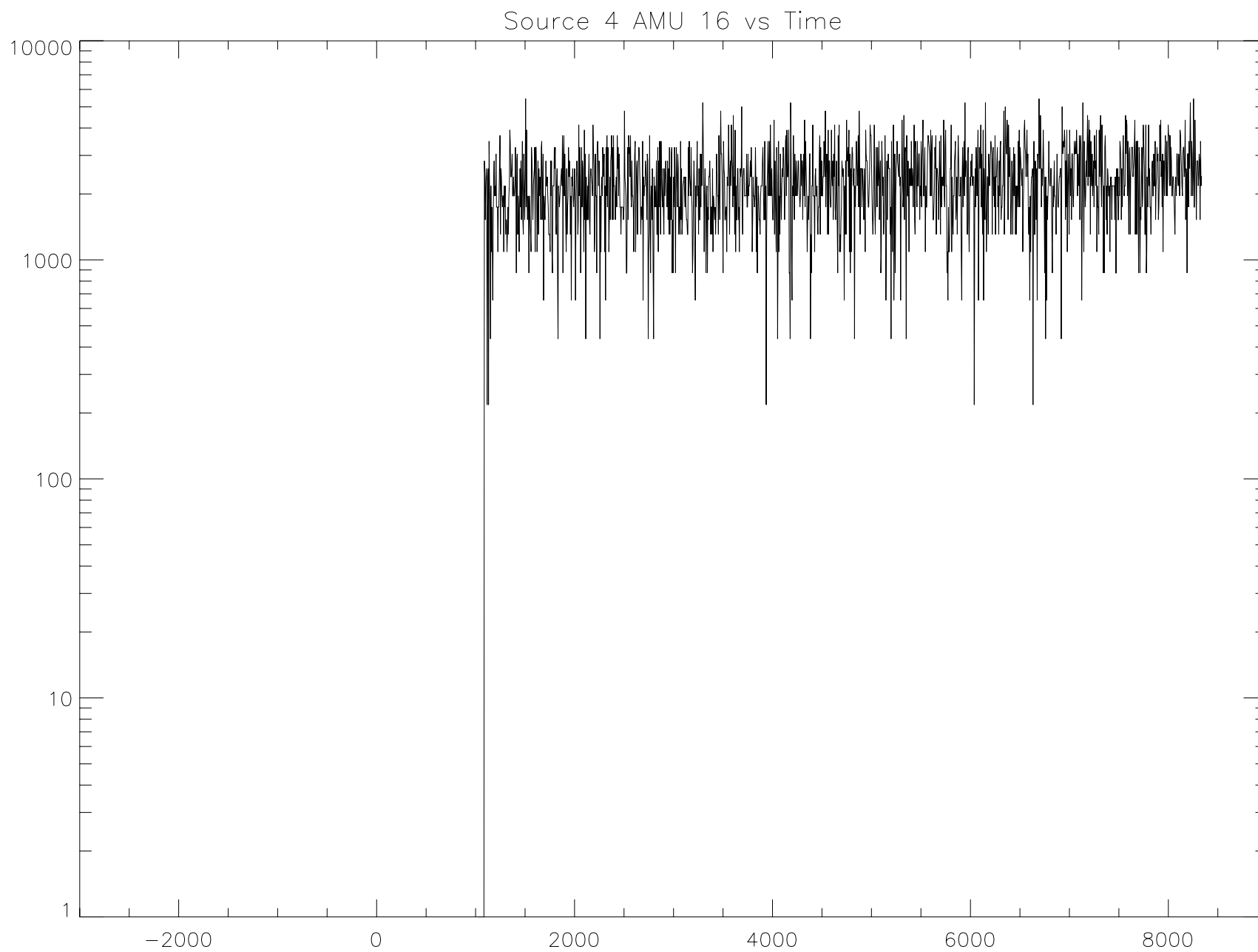
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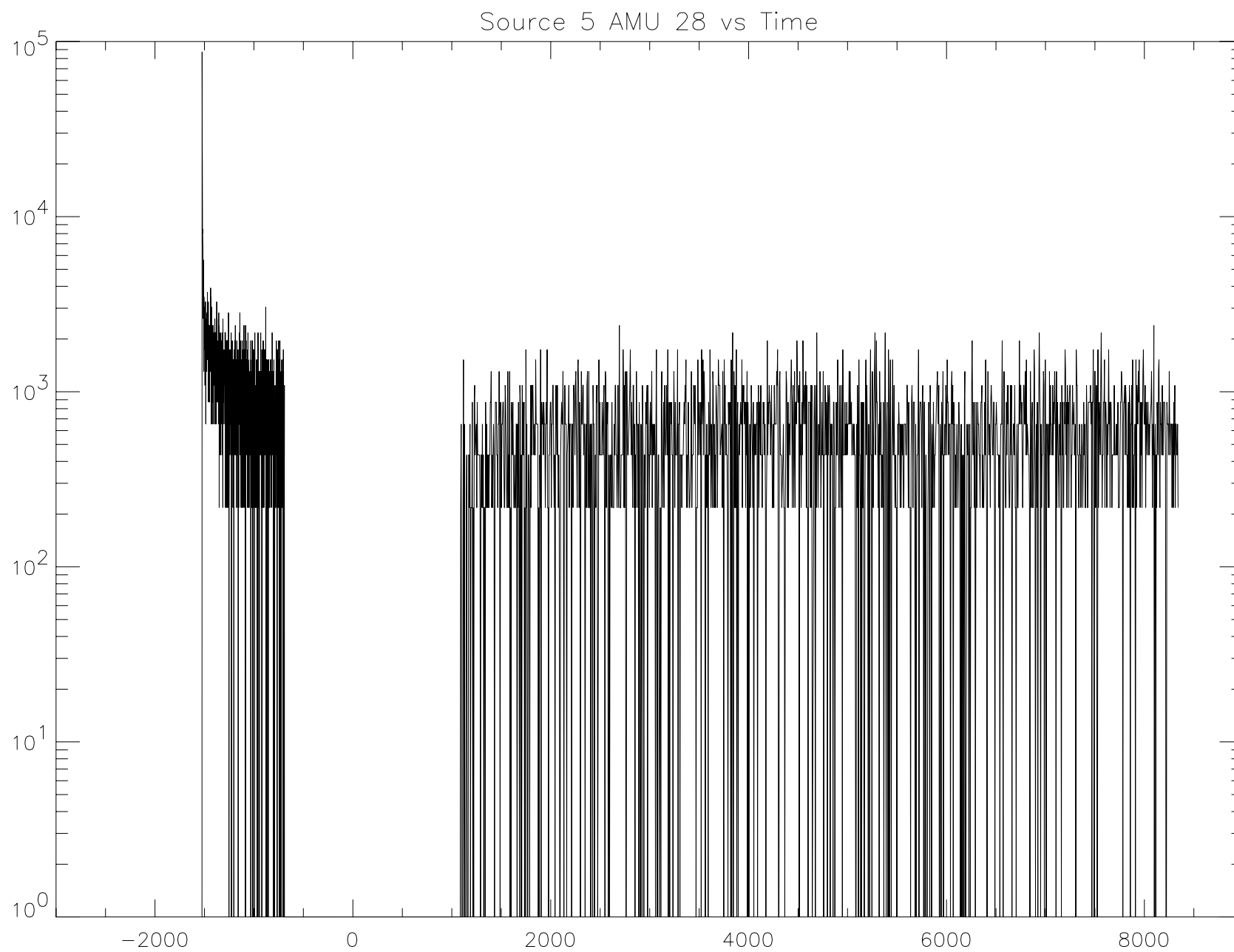


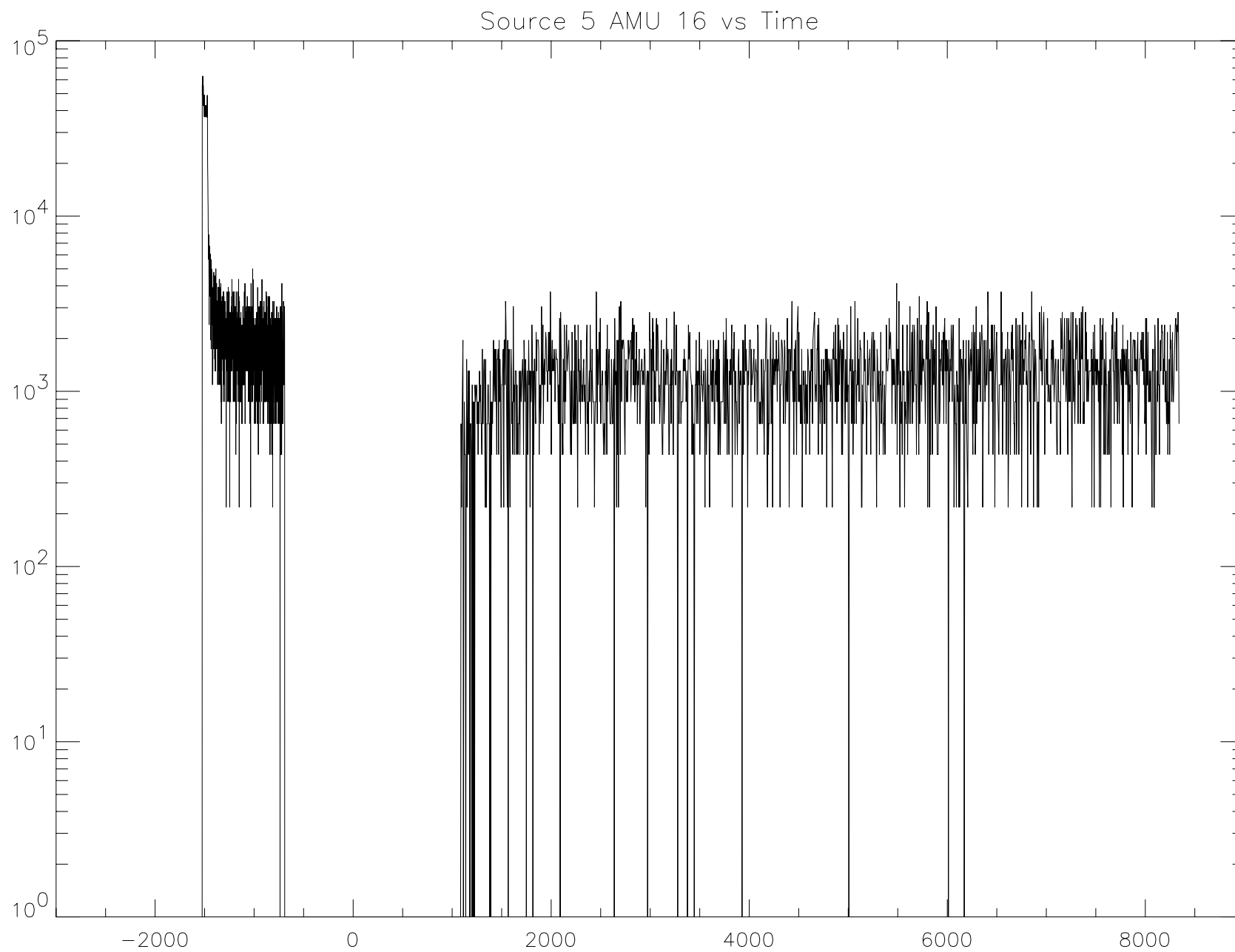


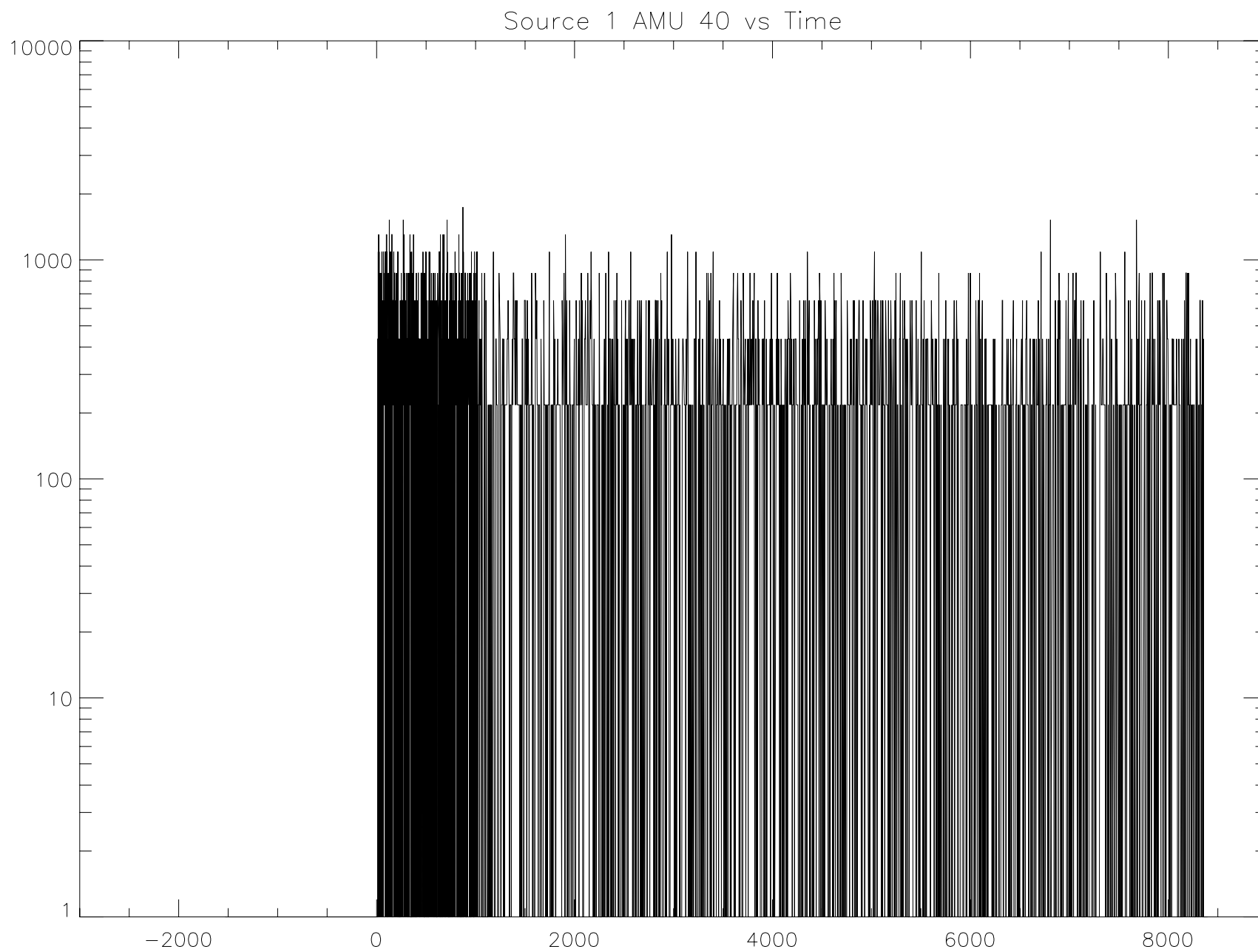


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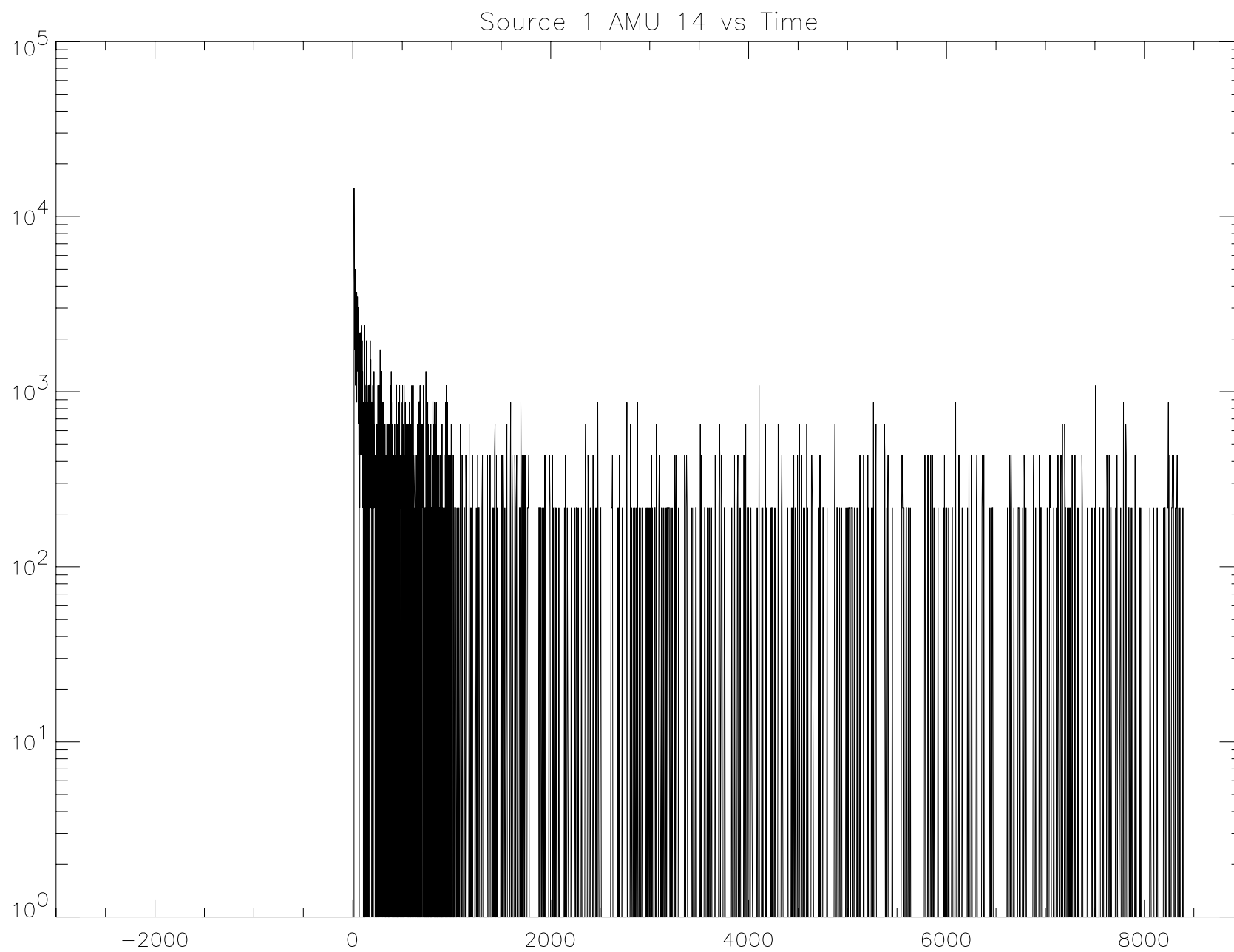




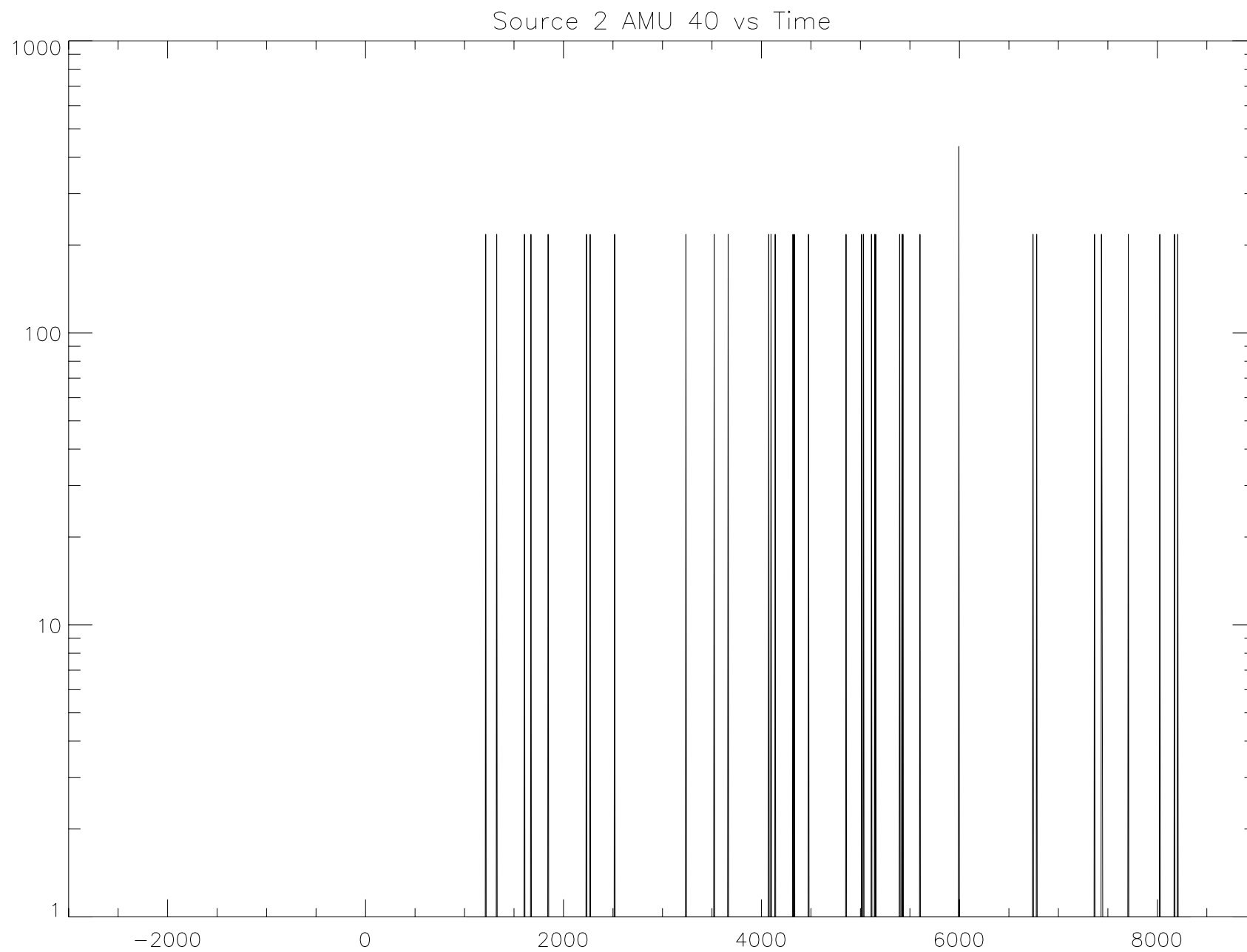




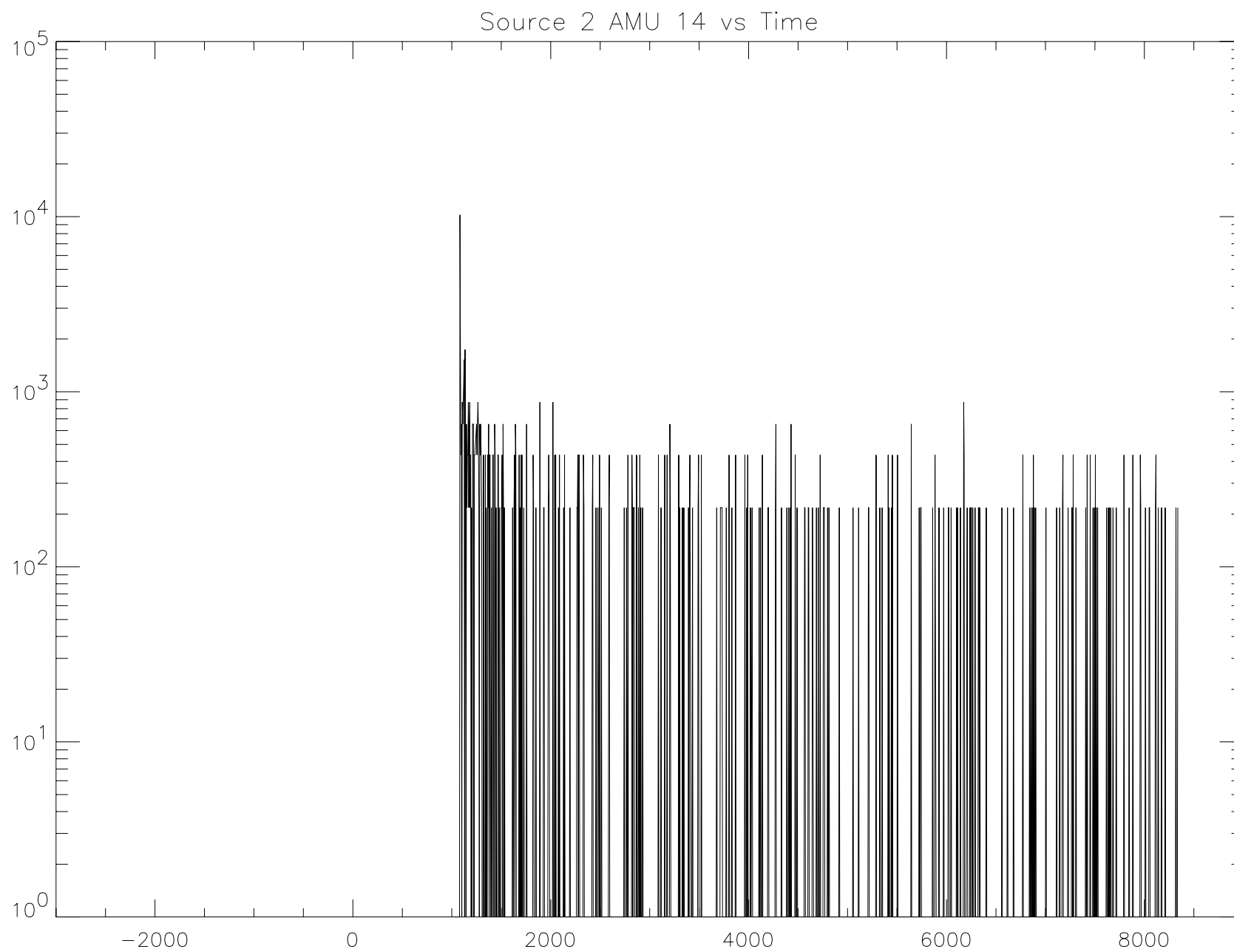
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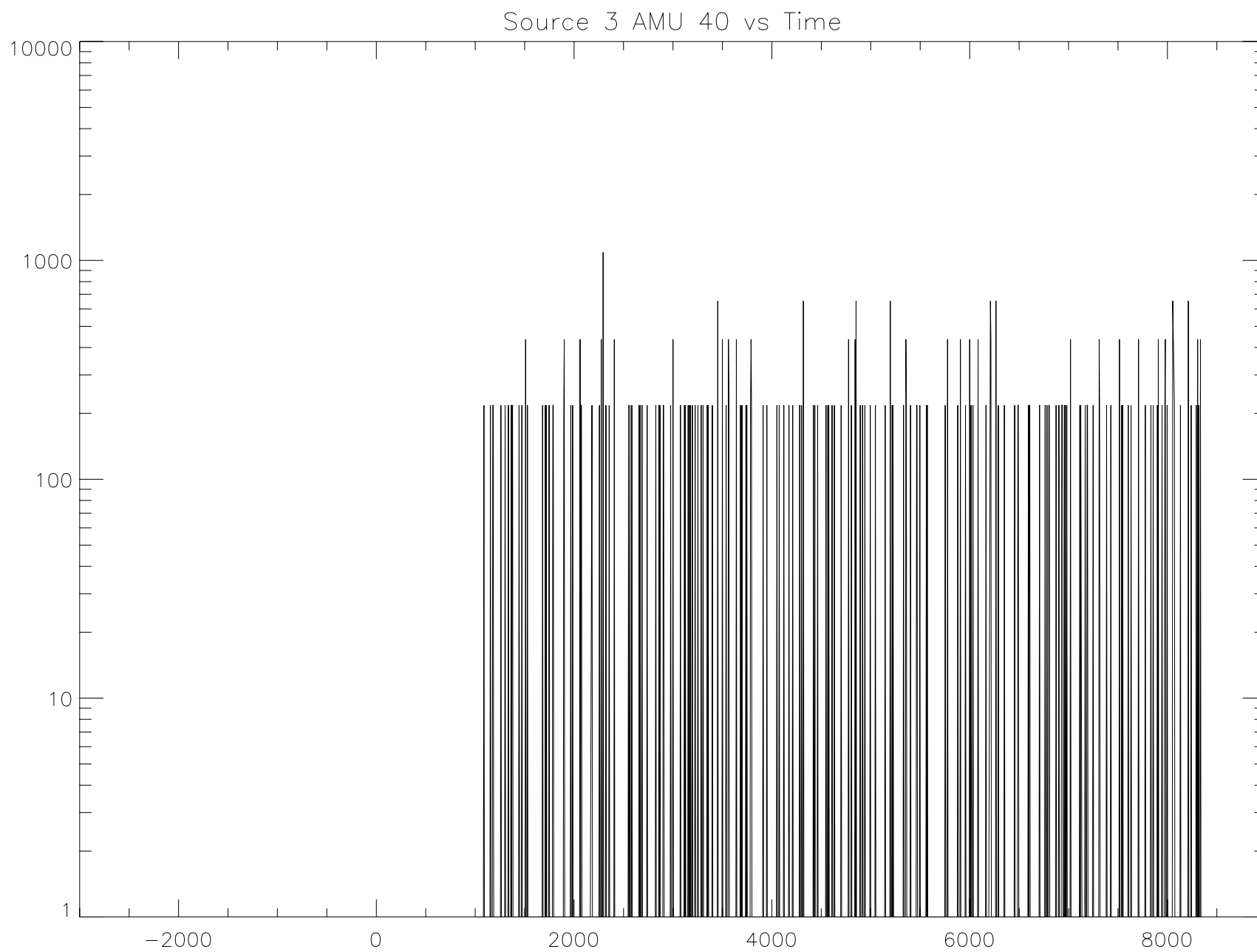


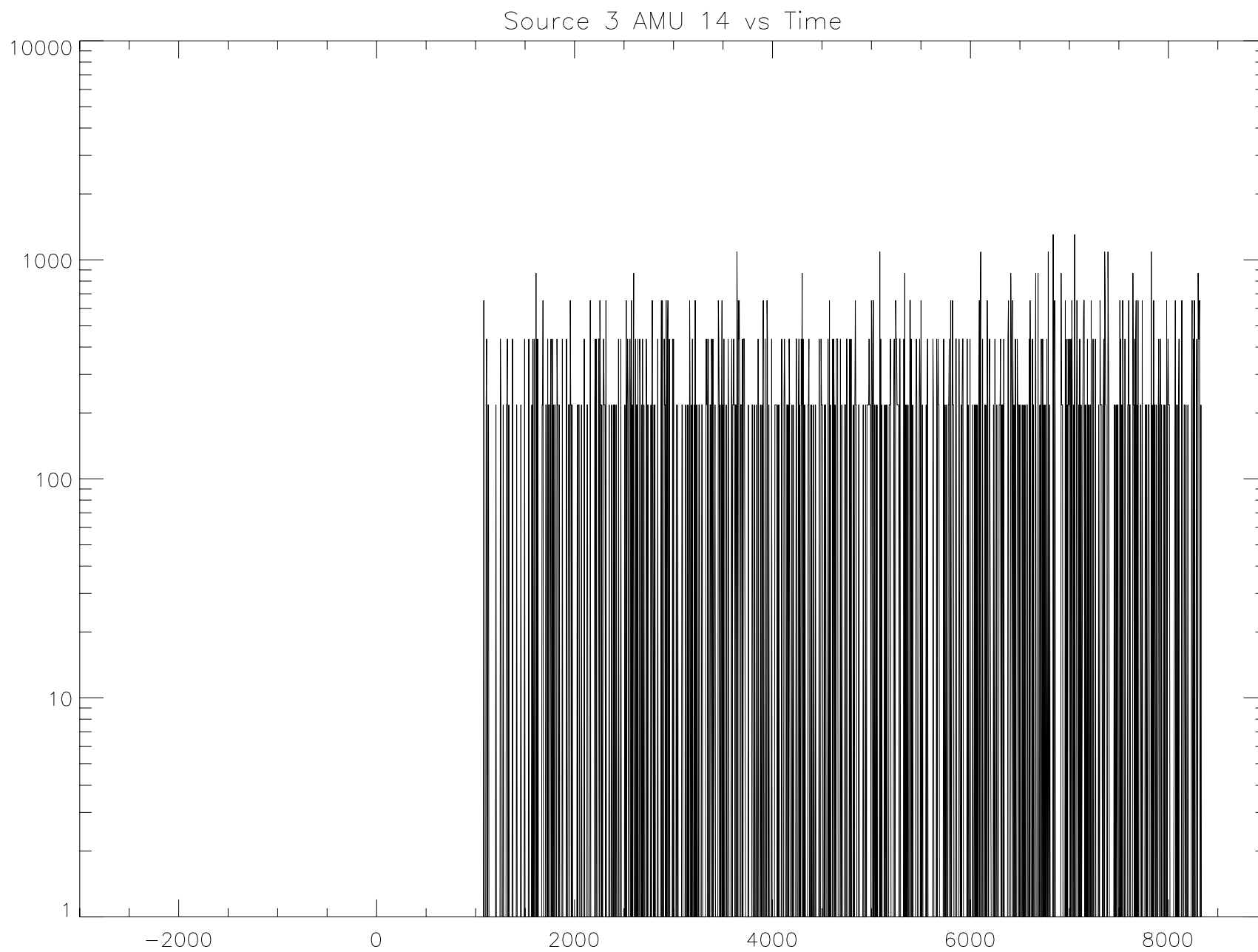
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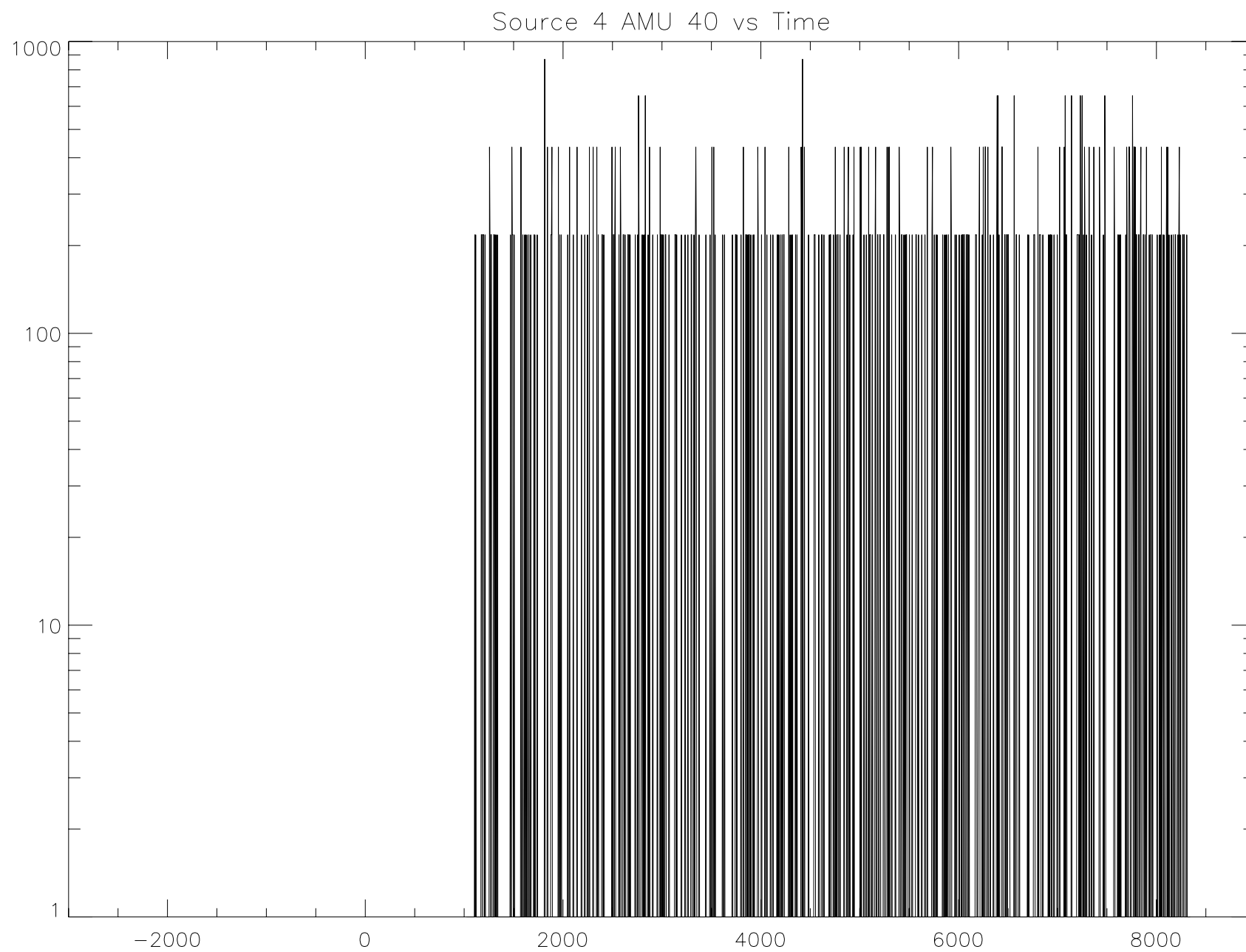
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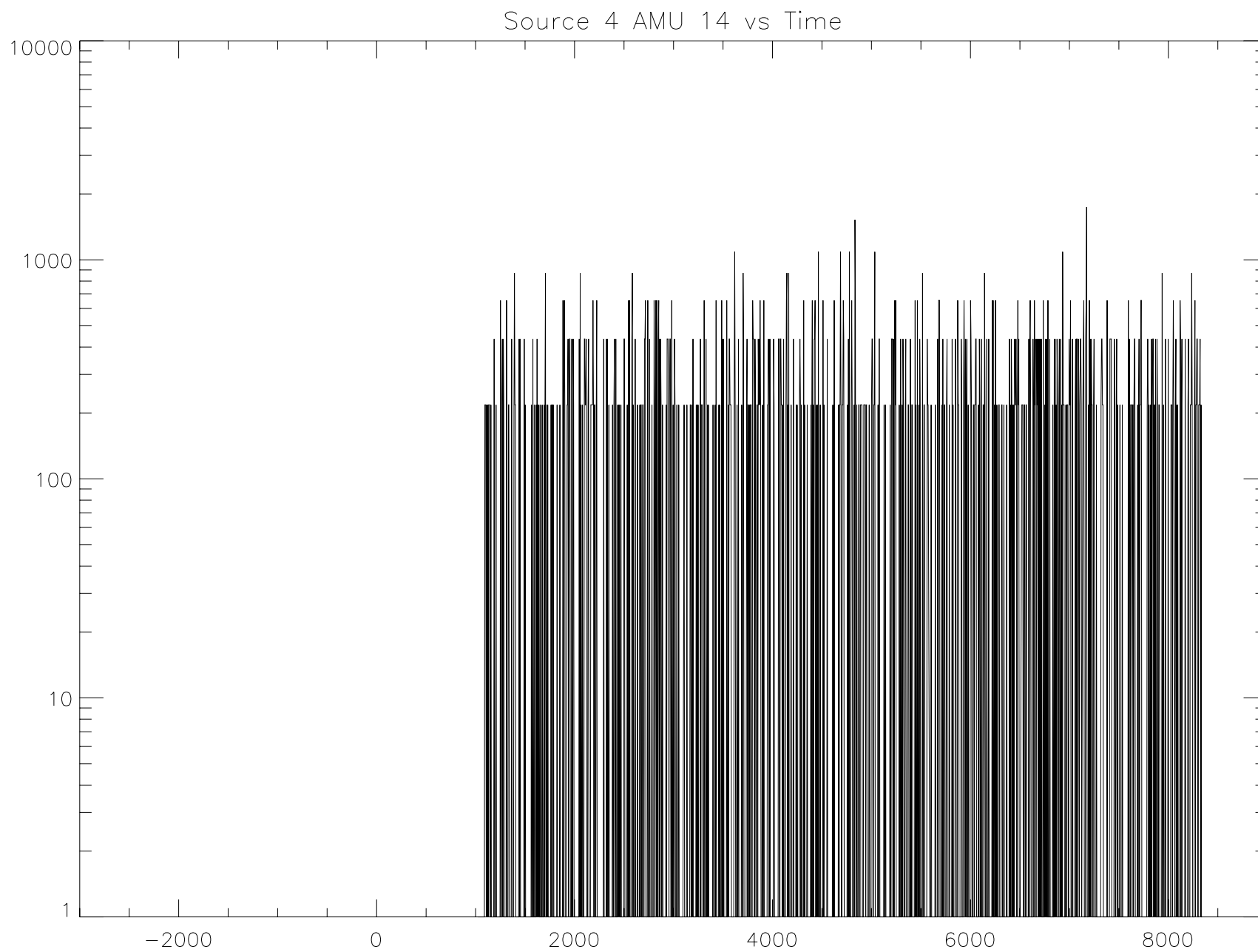




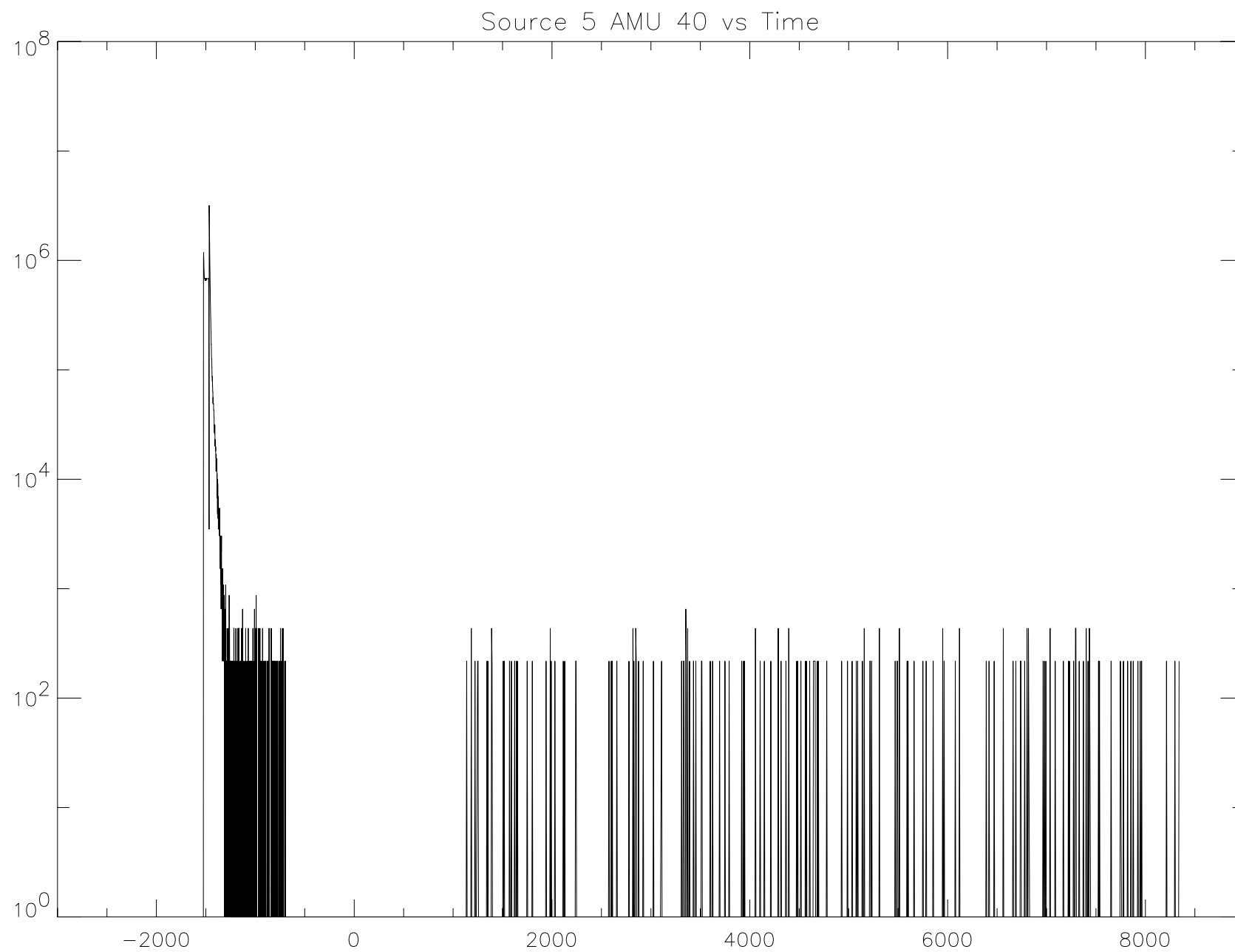


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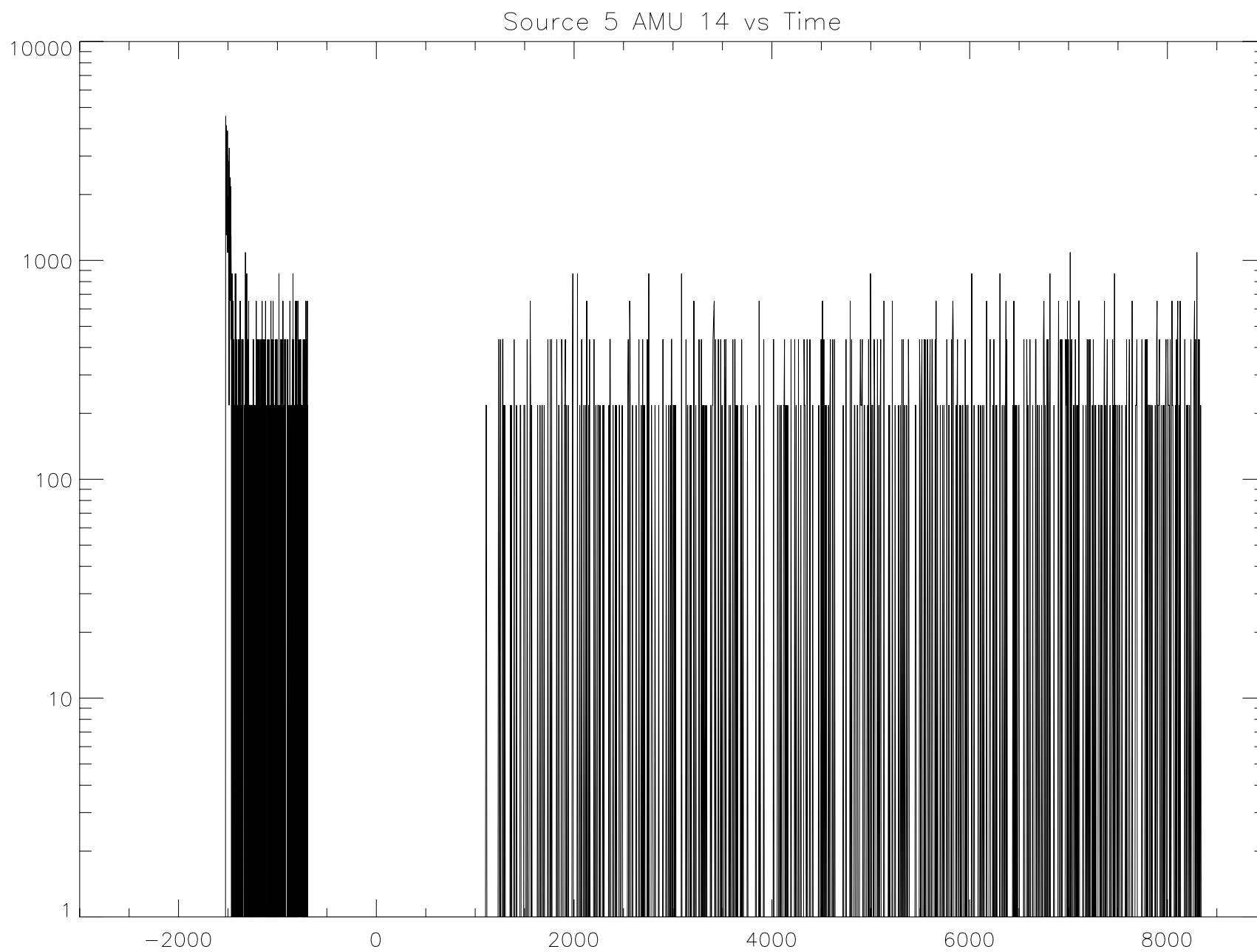




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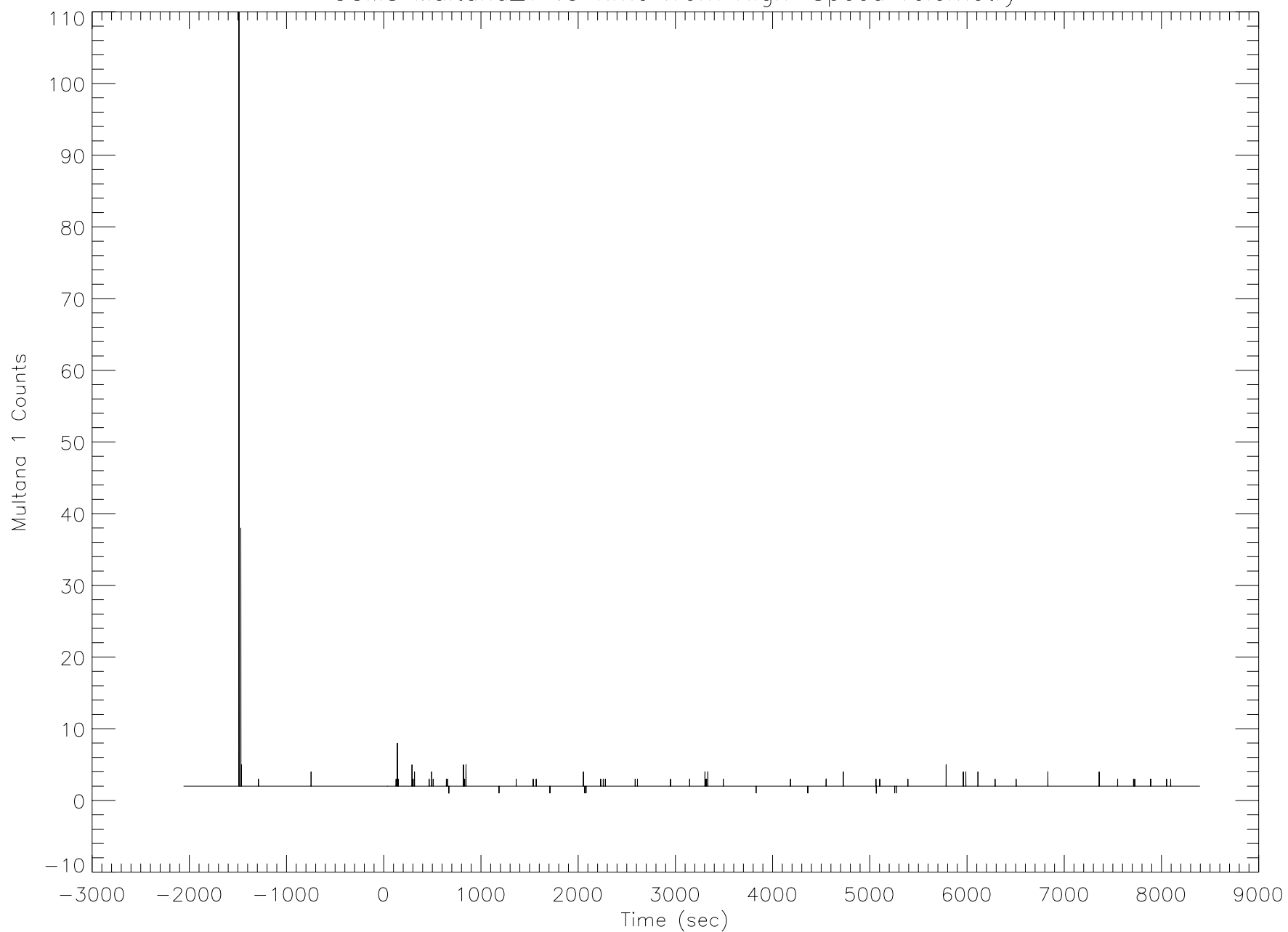


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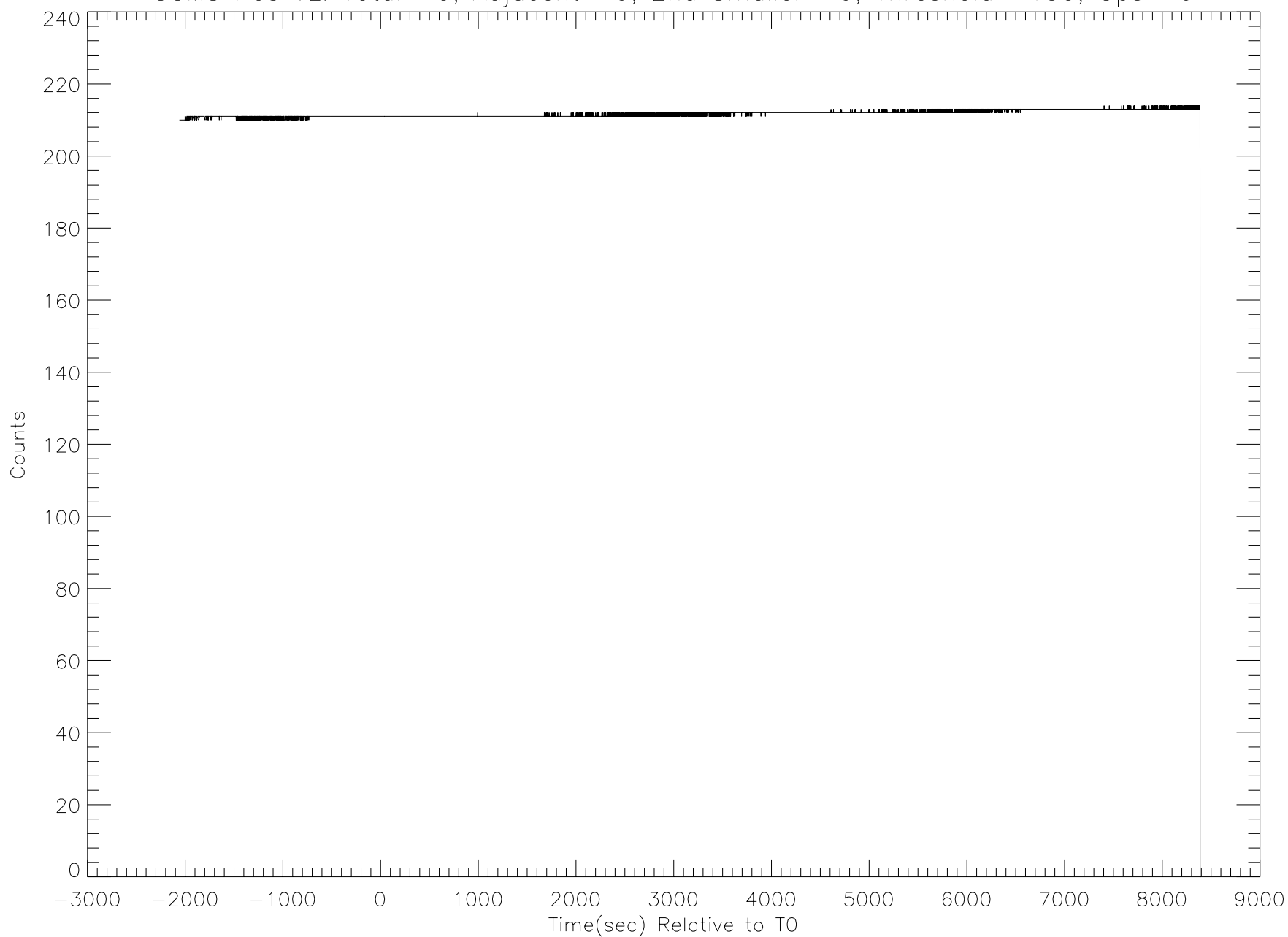
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GCMS Multana\_1 vs Time from High-Speed Telemetry

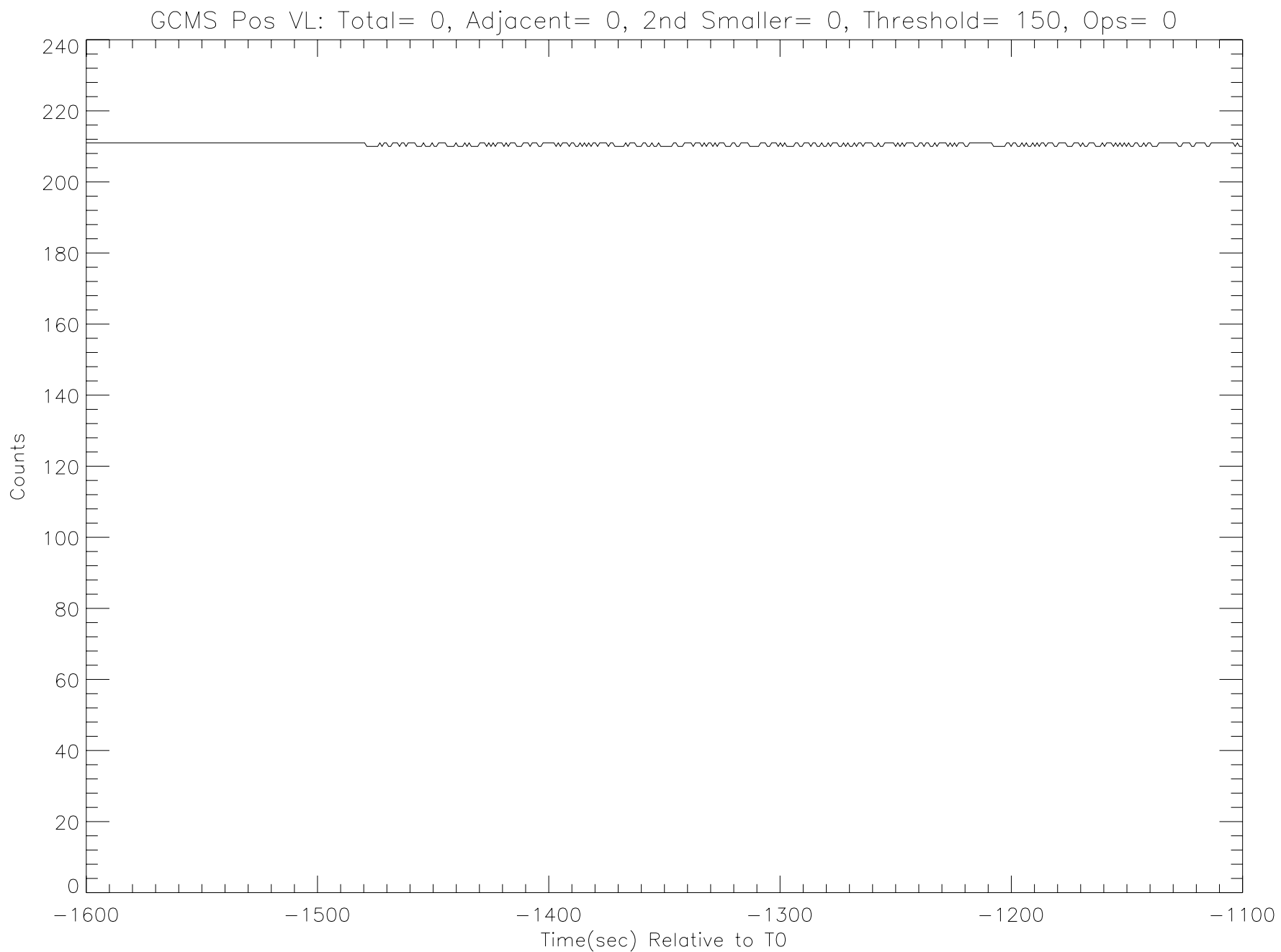


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GCMS Pos VL: Total= 0, Adjacent= 0, 2nd Smaller= 0, Threshold= 150, Ops= 0

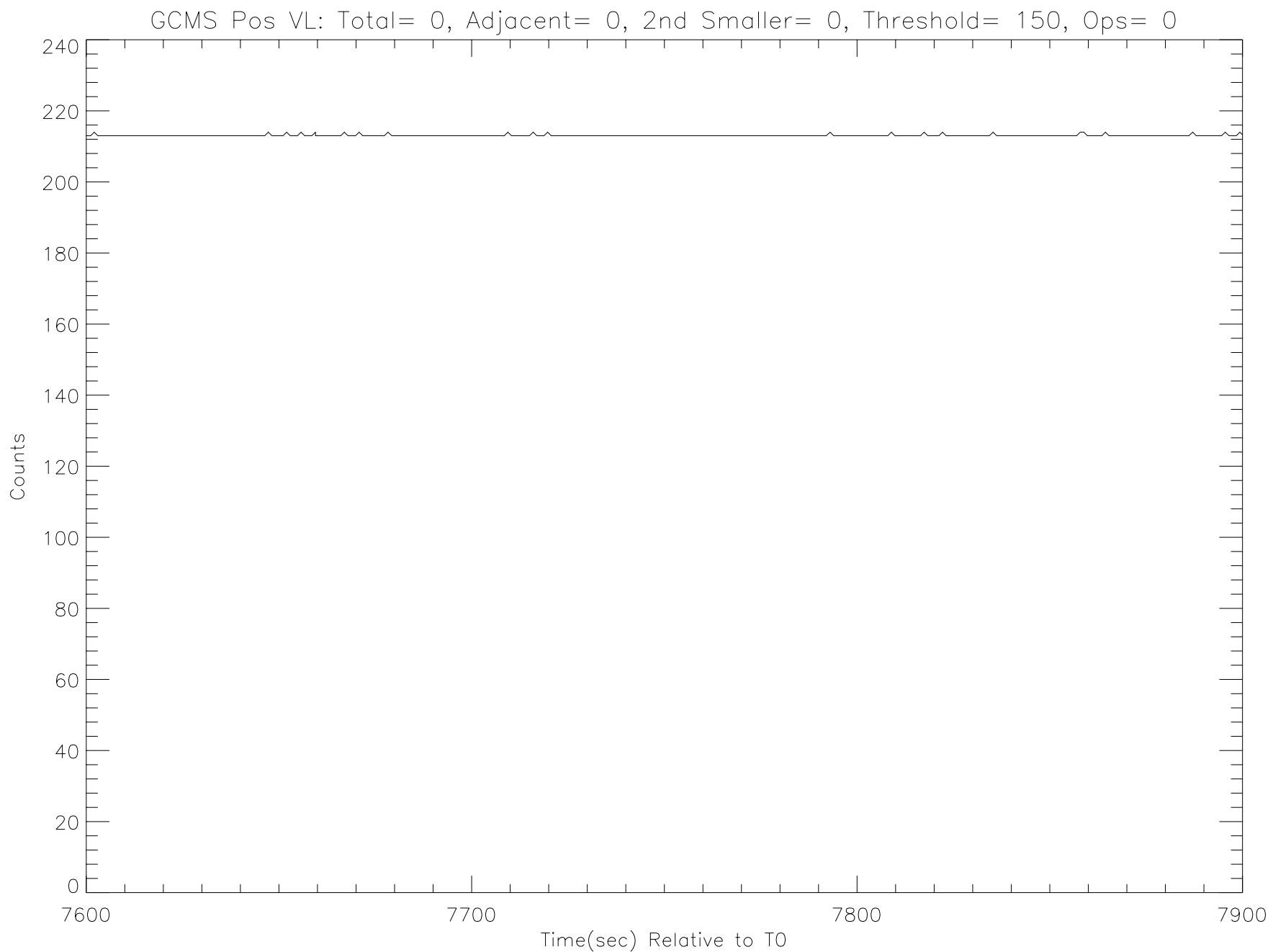






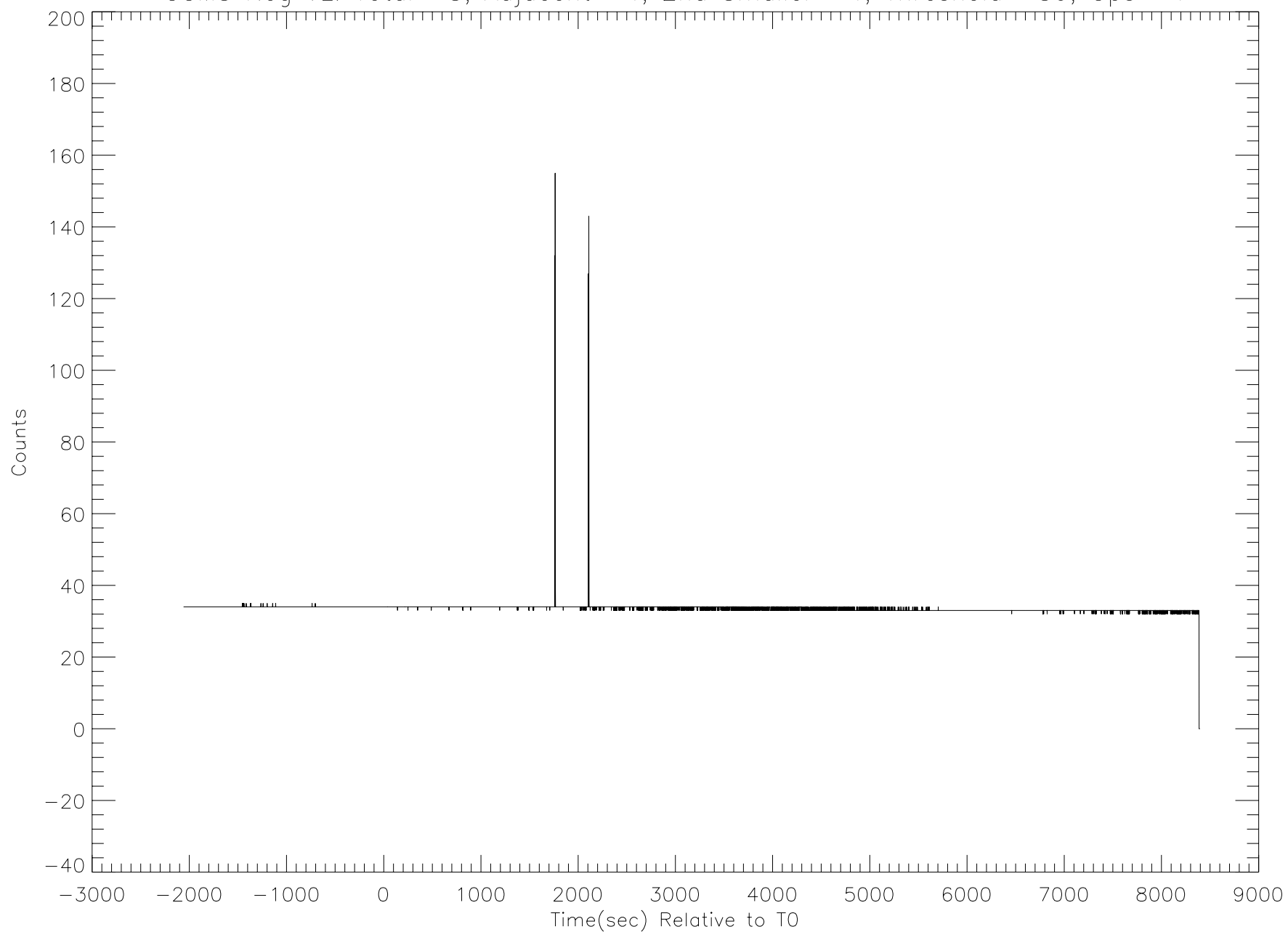
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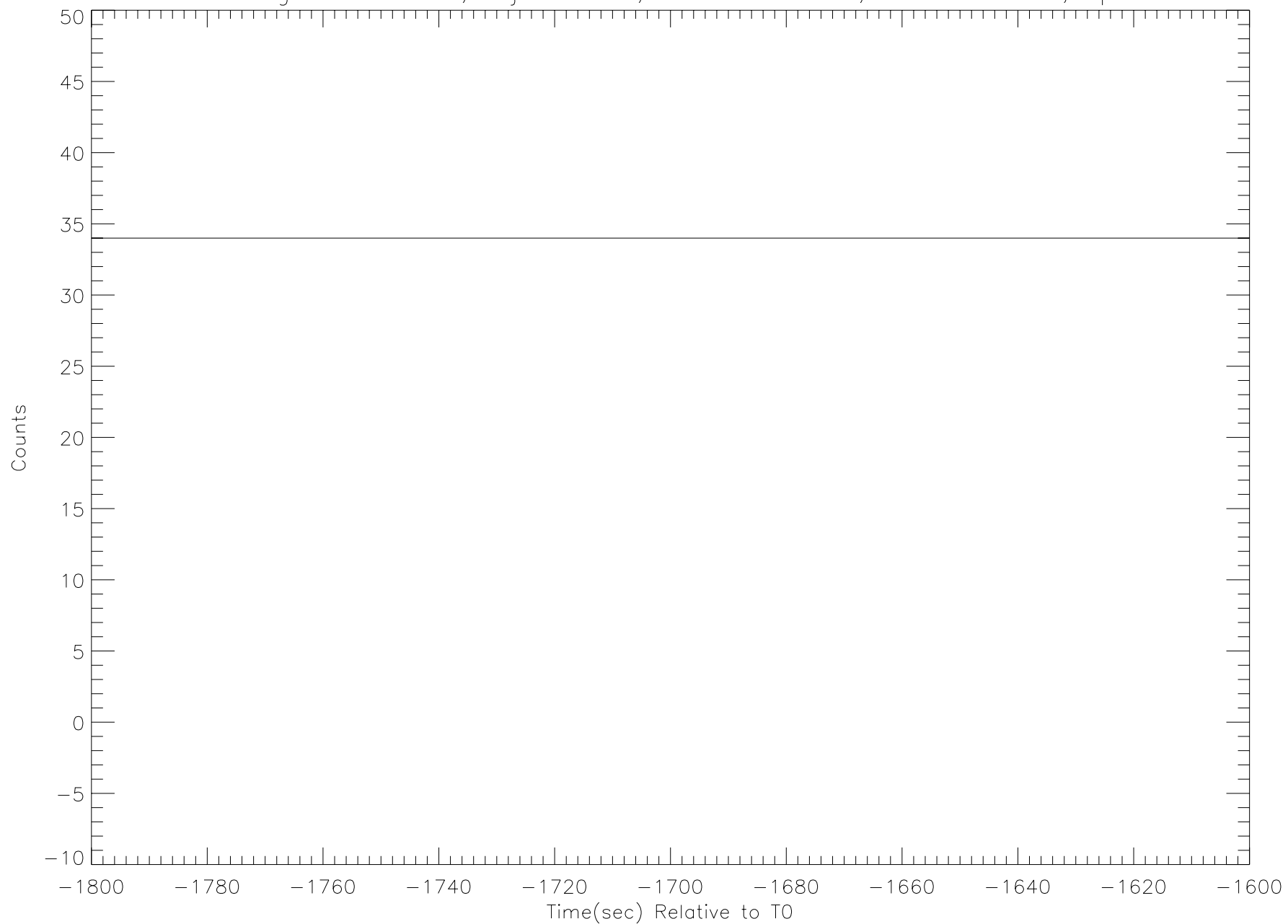


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GCMS Neg VL: Total= 8, Adjacent= 4, 2nd Smaller= 4, Threshold= 80, Ops= 4

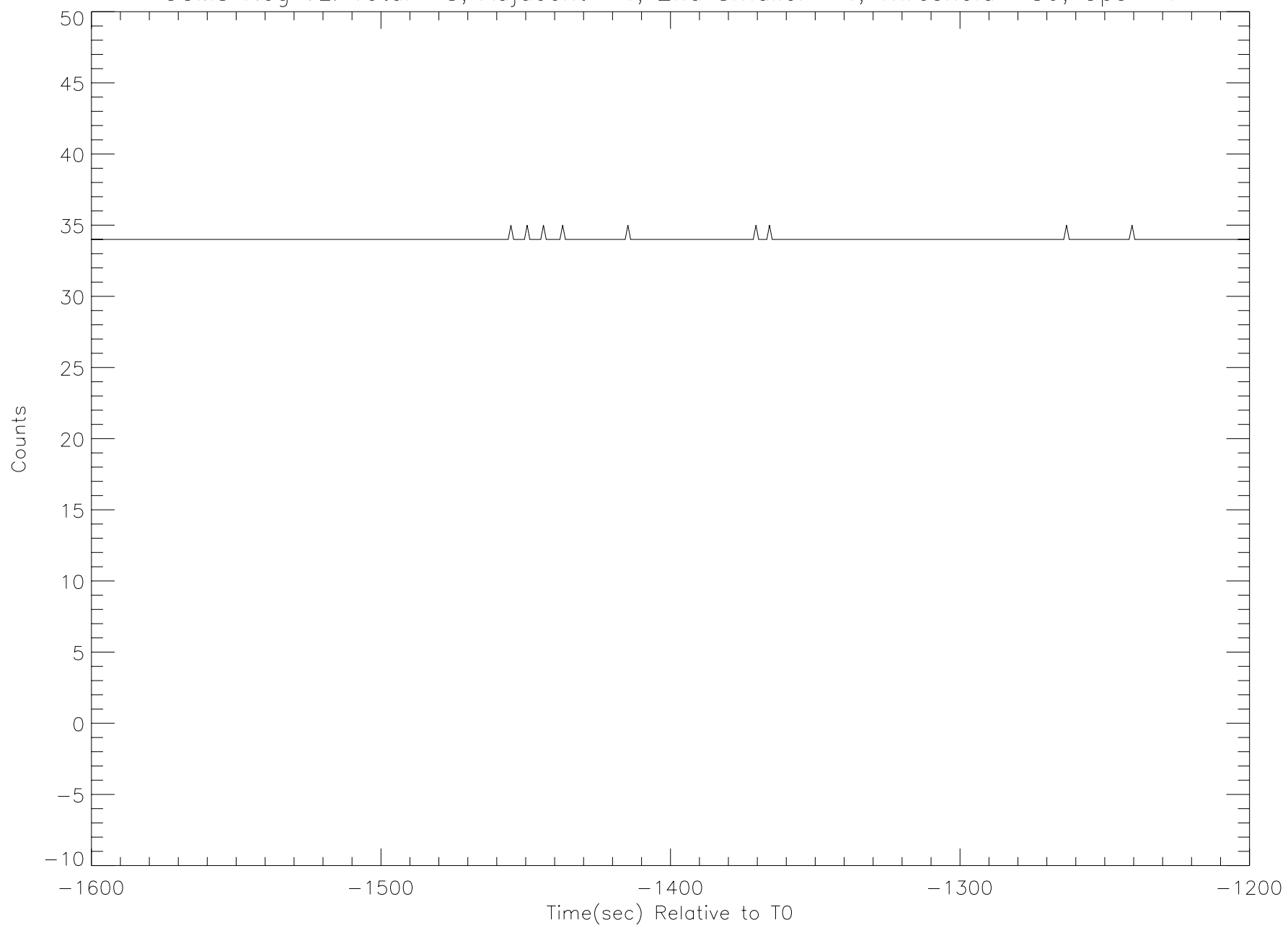


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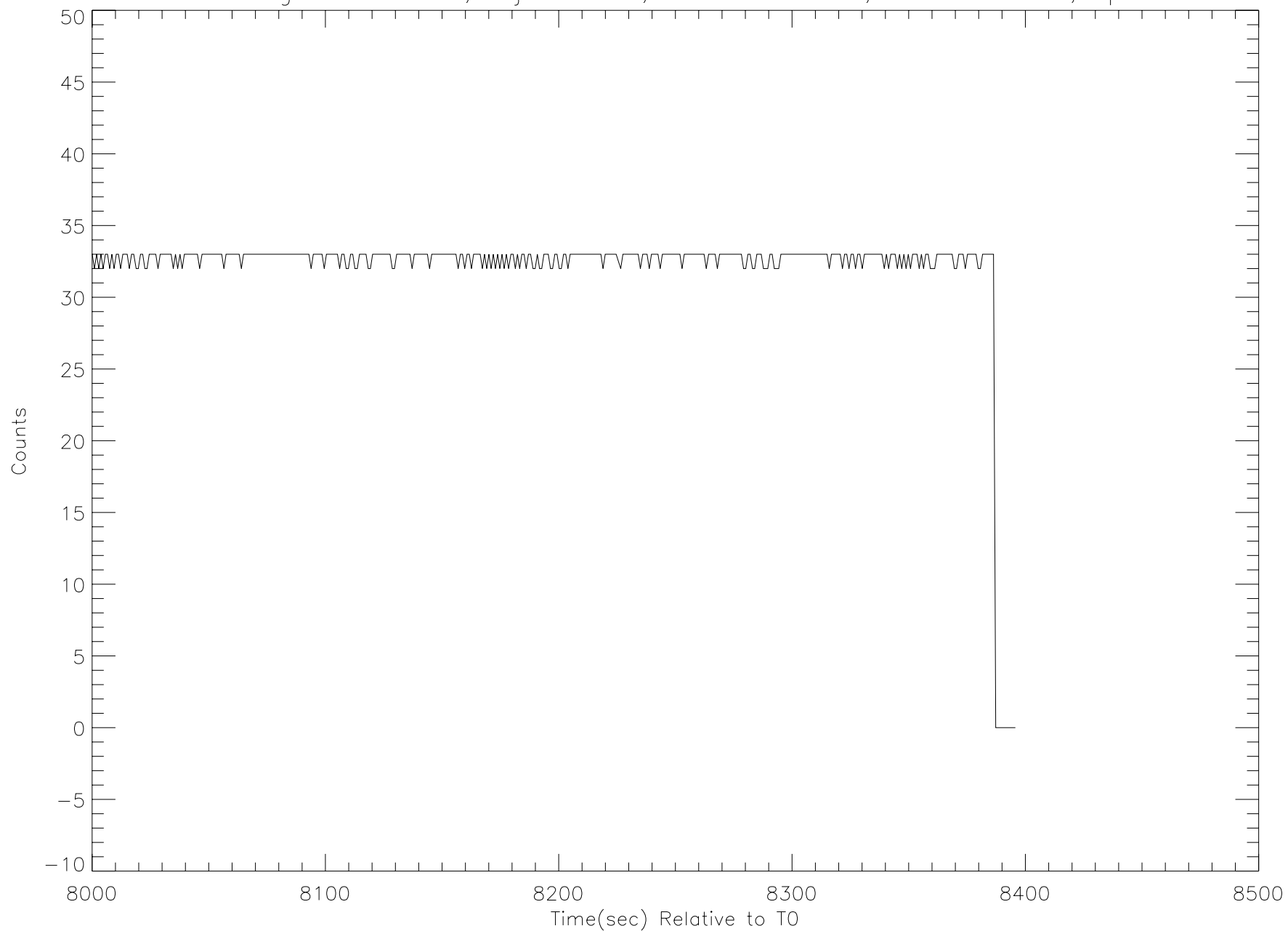
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GCMS Neg VL: Total= 8, Adjacent= 4, 2nd Smaller= 4, Threshold= 80, Ops= 4



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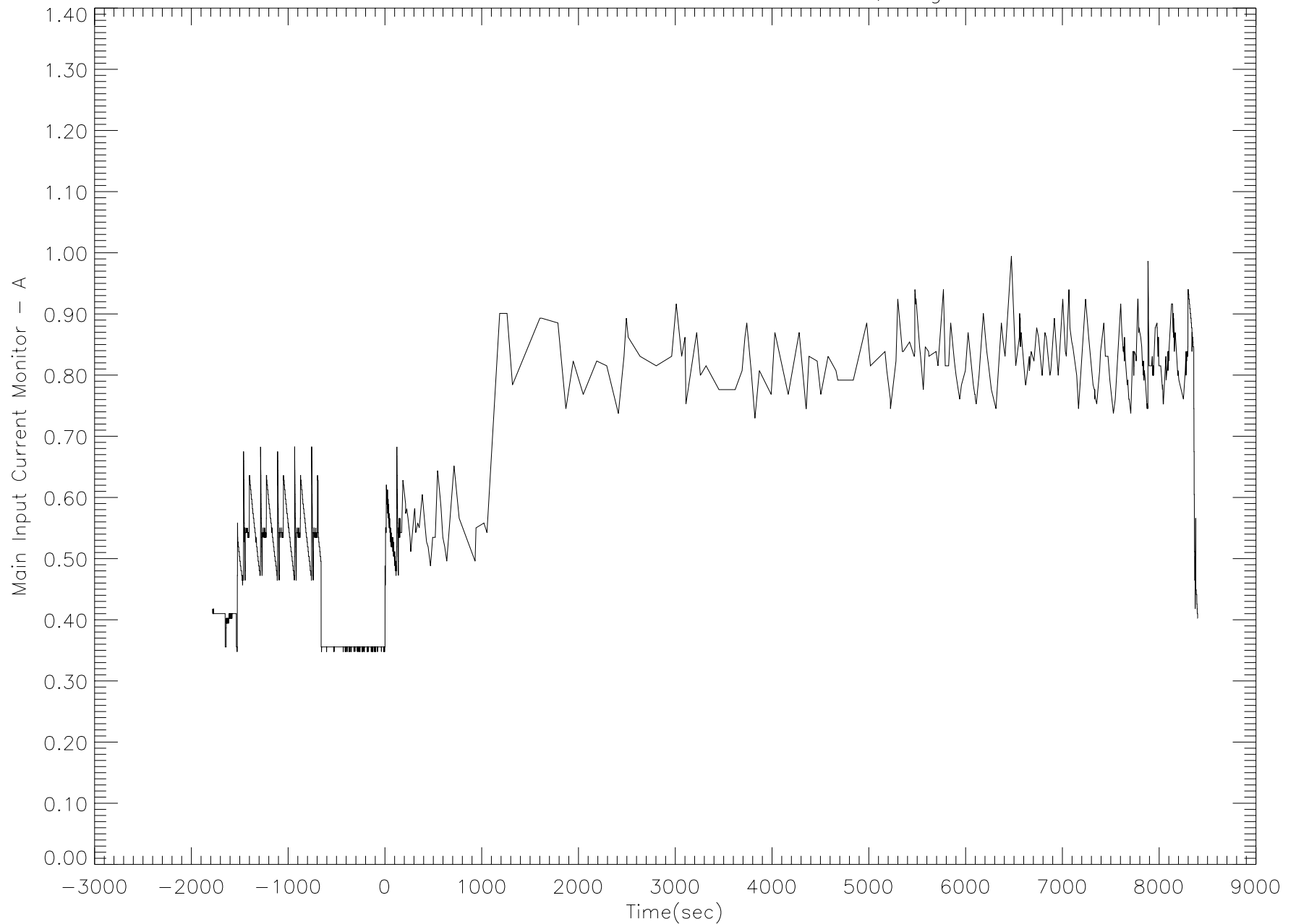
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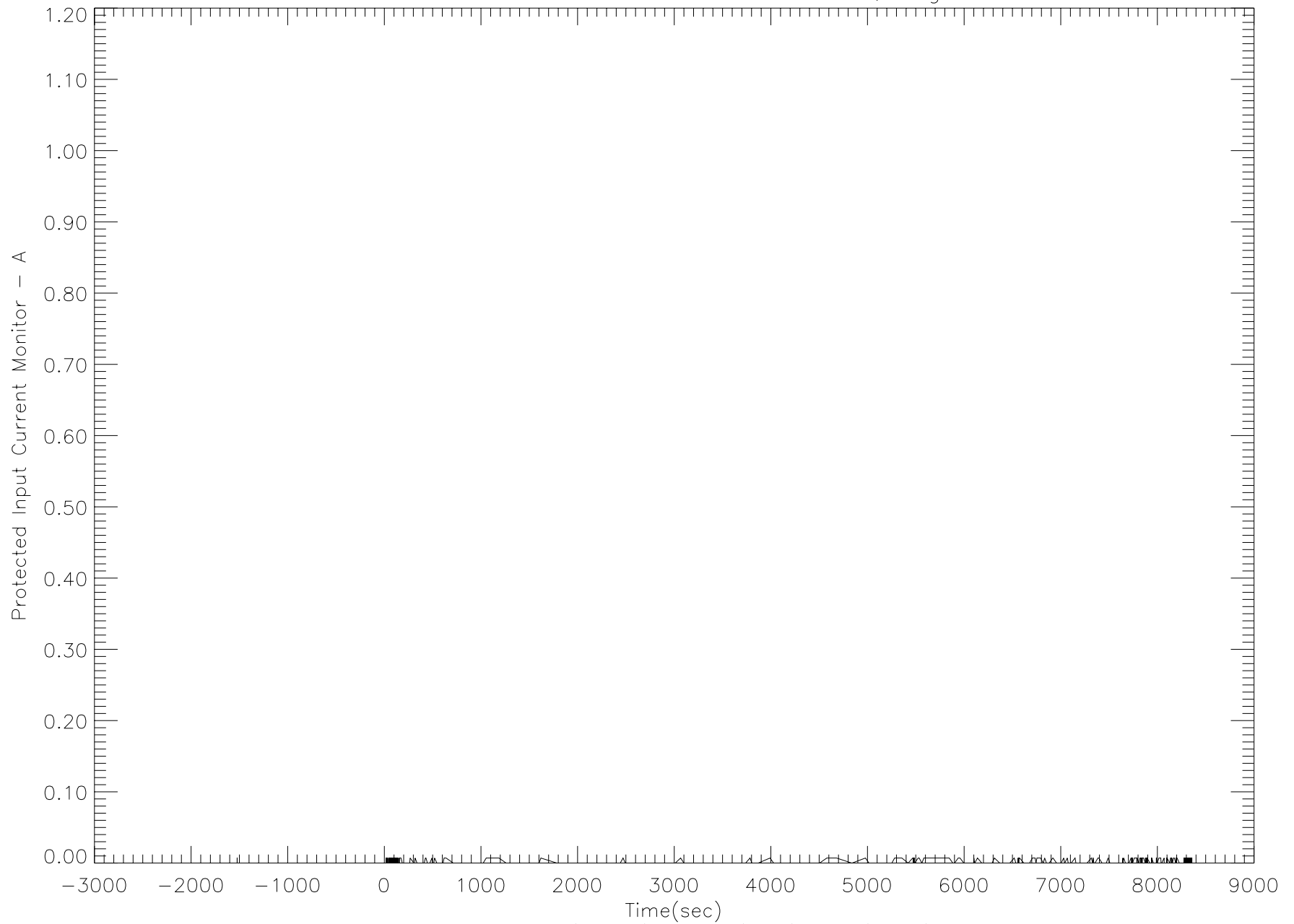
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# GCMS IdleA Data Value vs. Relative Time, Page 1

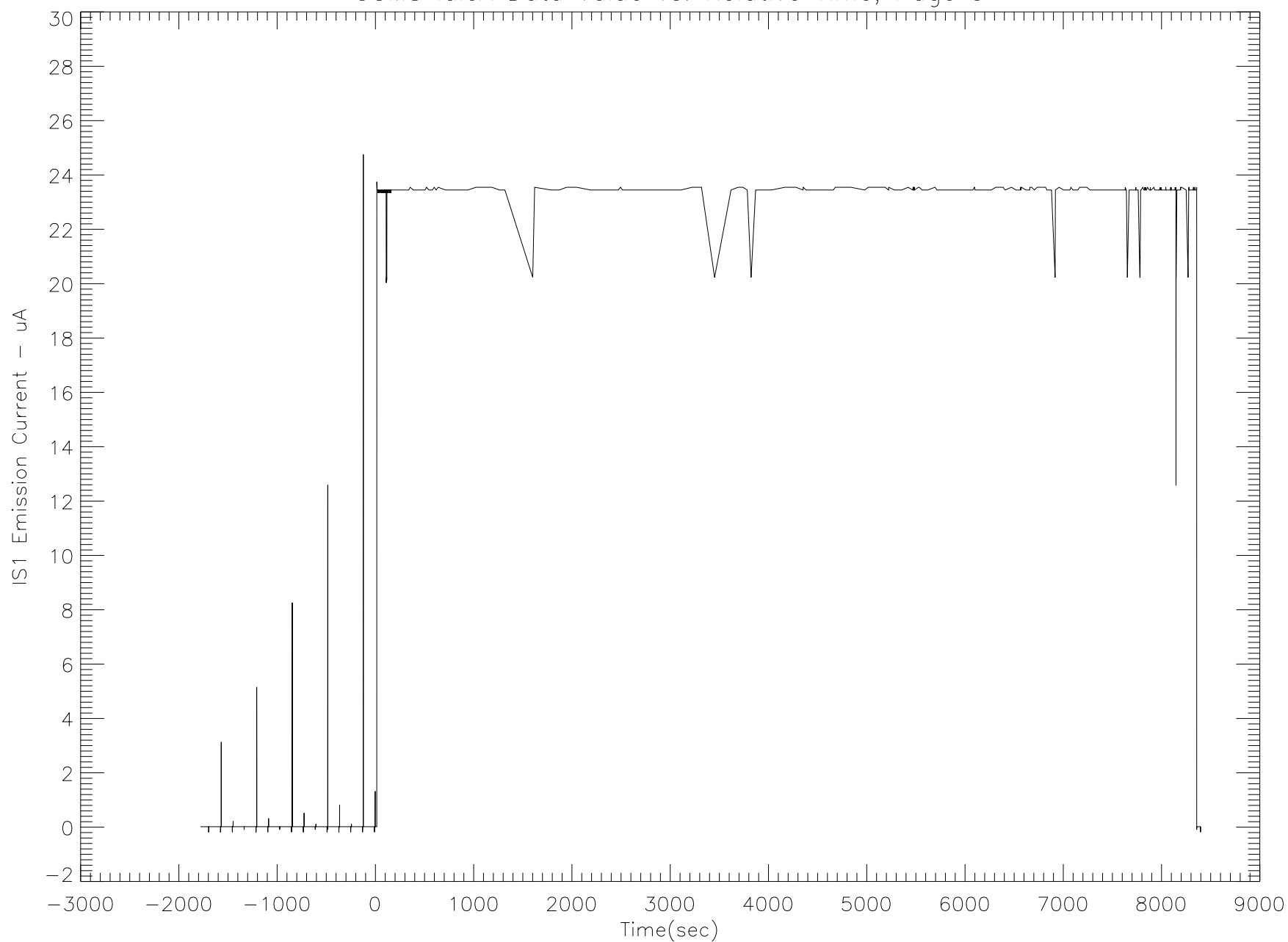


# GCMS IdleA Data Value vs. Relative Time, Page 2

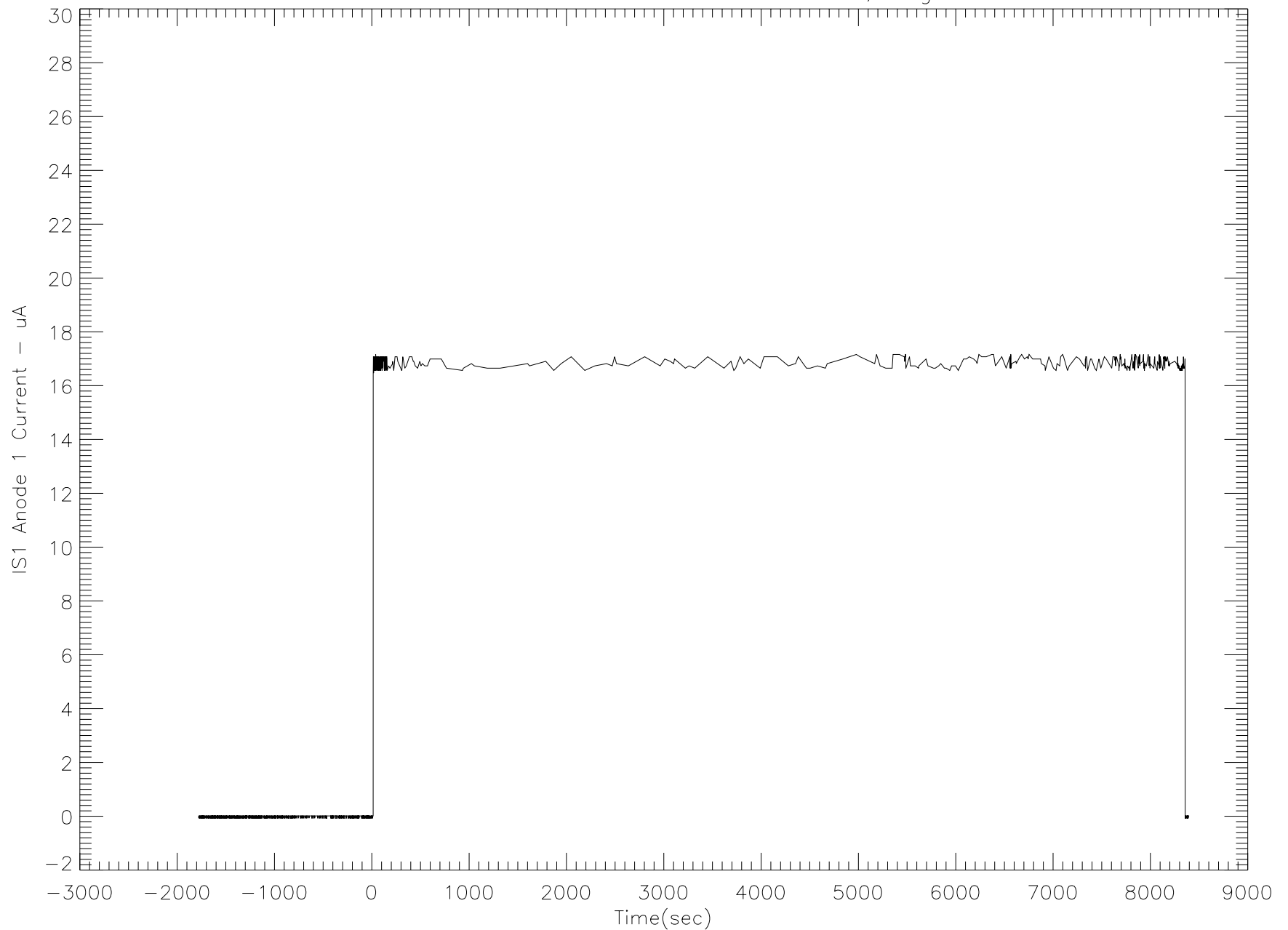




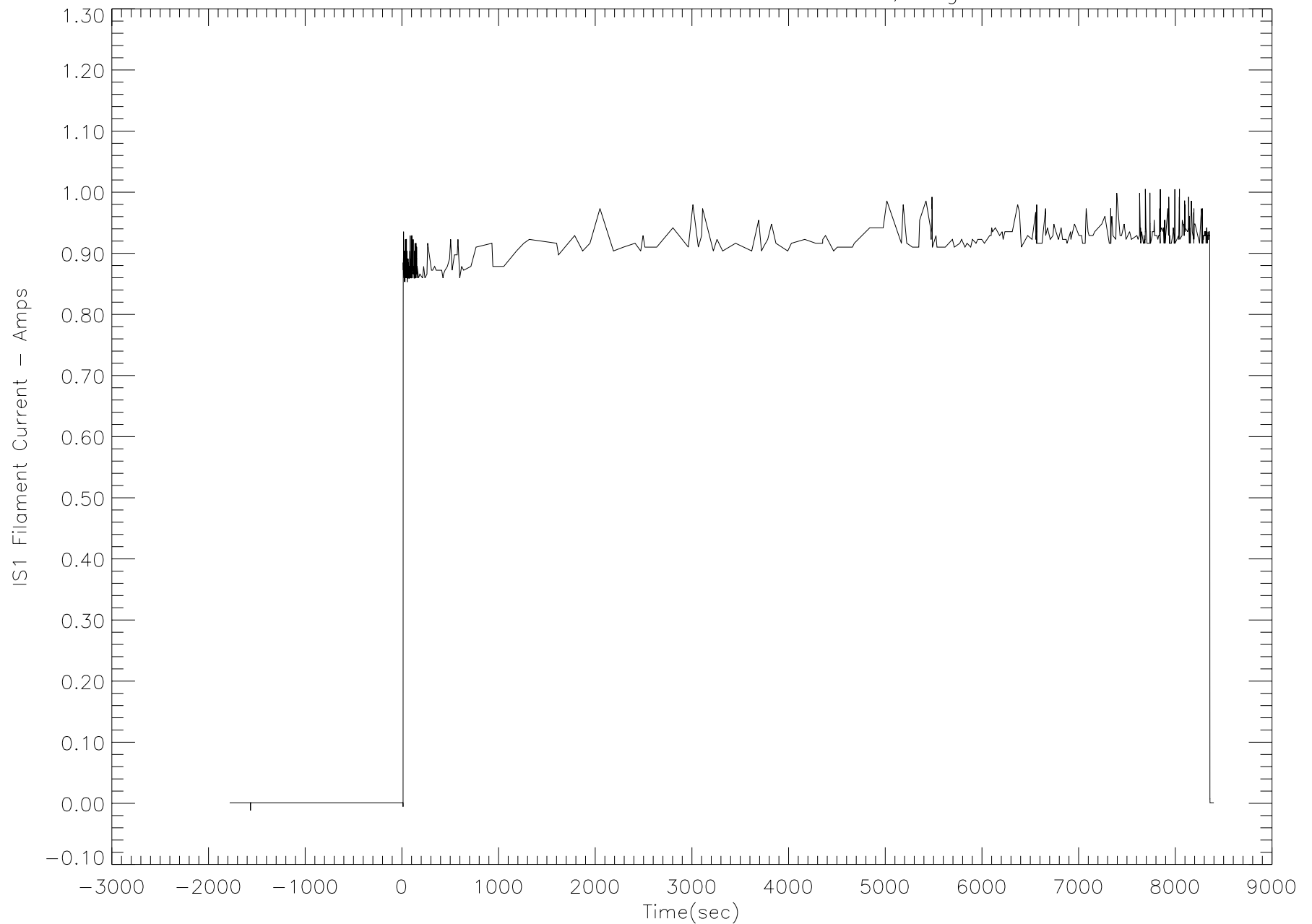
# GCMS IdleA Data Value vs. Relative Time, Page 3



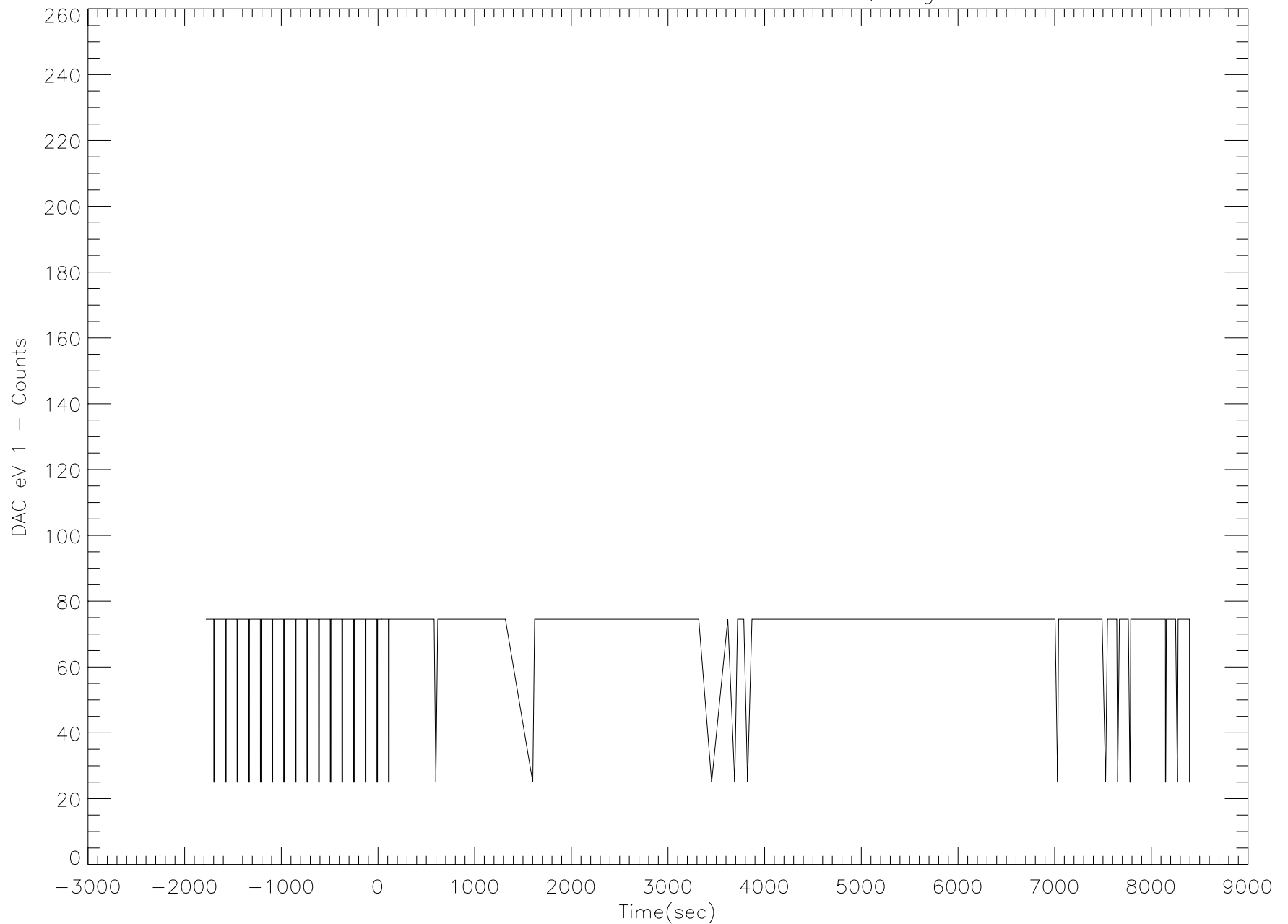
# GCMS IdleA Data Value vs. Relative Time, Page 4



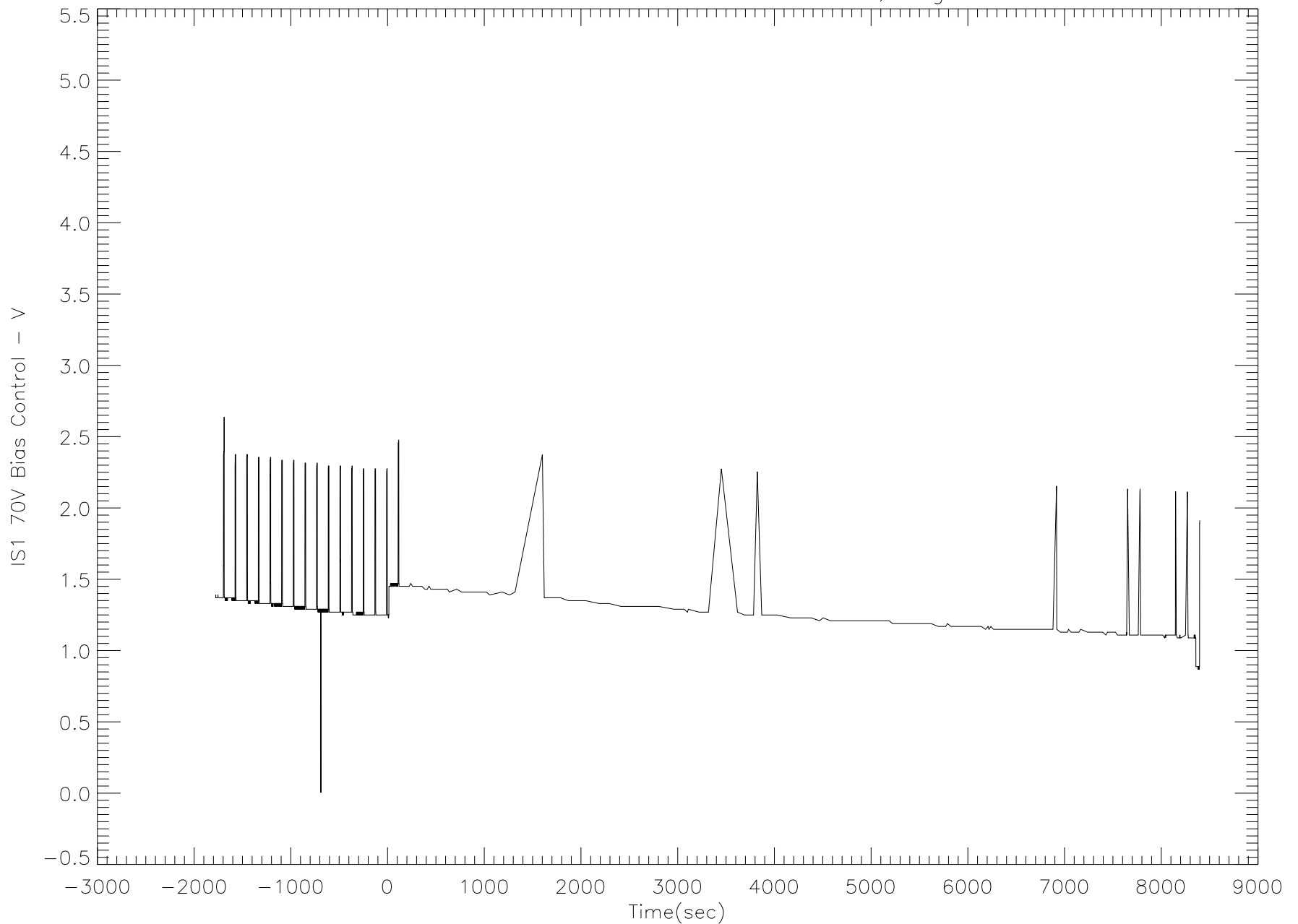
GCMS IdleA Data Value vs. Relative Time, Page 5



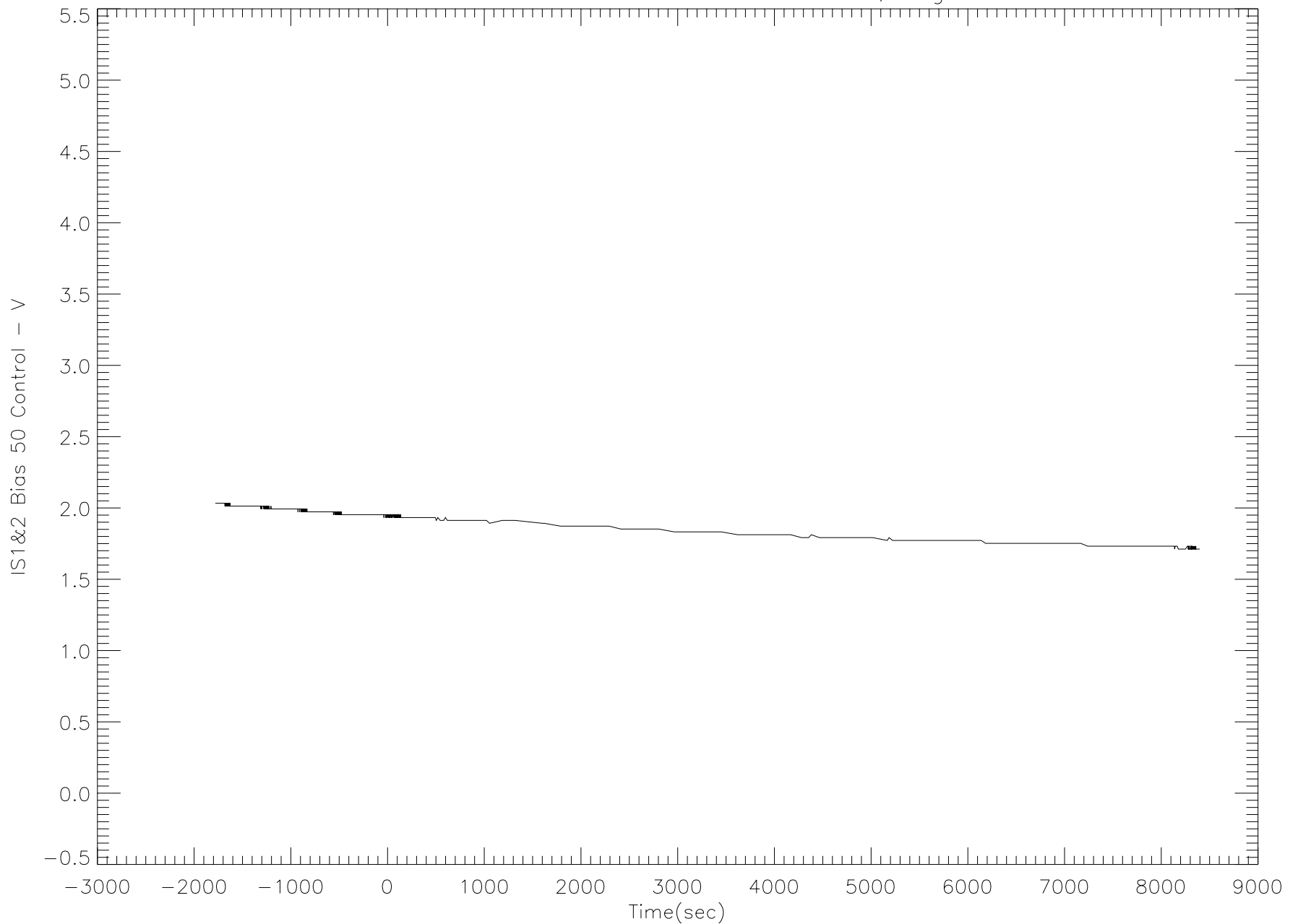
# GCMS IdleA Data Value vs. Relative Time, Page 6



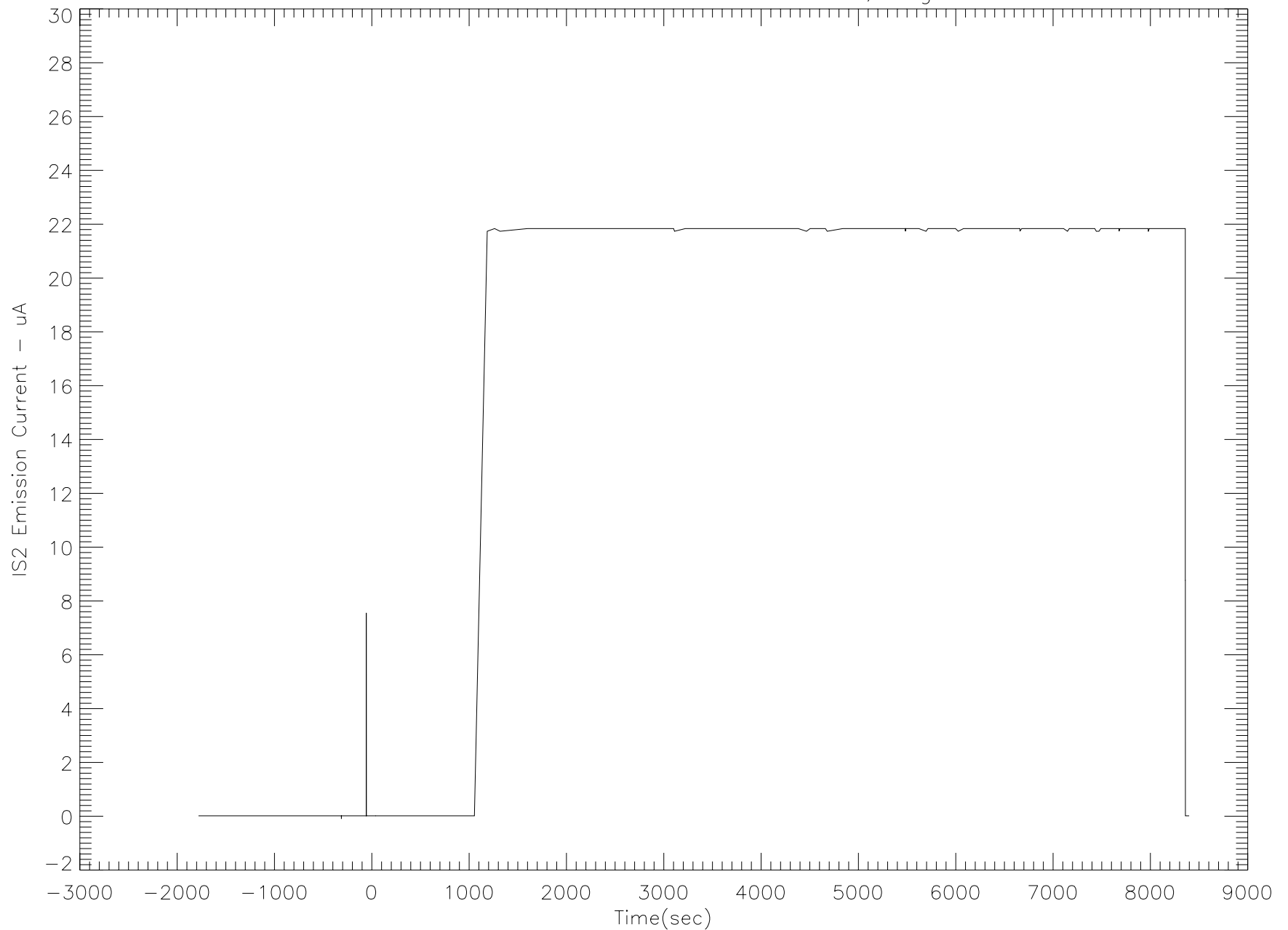
# GCMS IdleA Data Value vs. Relative Time, Page 7



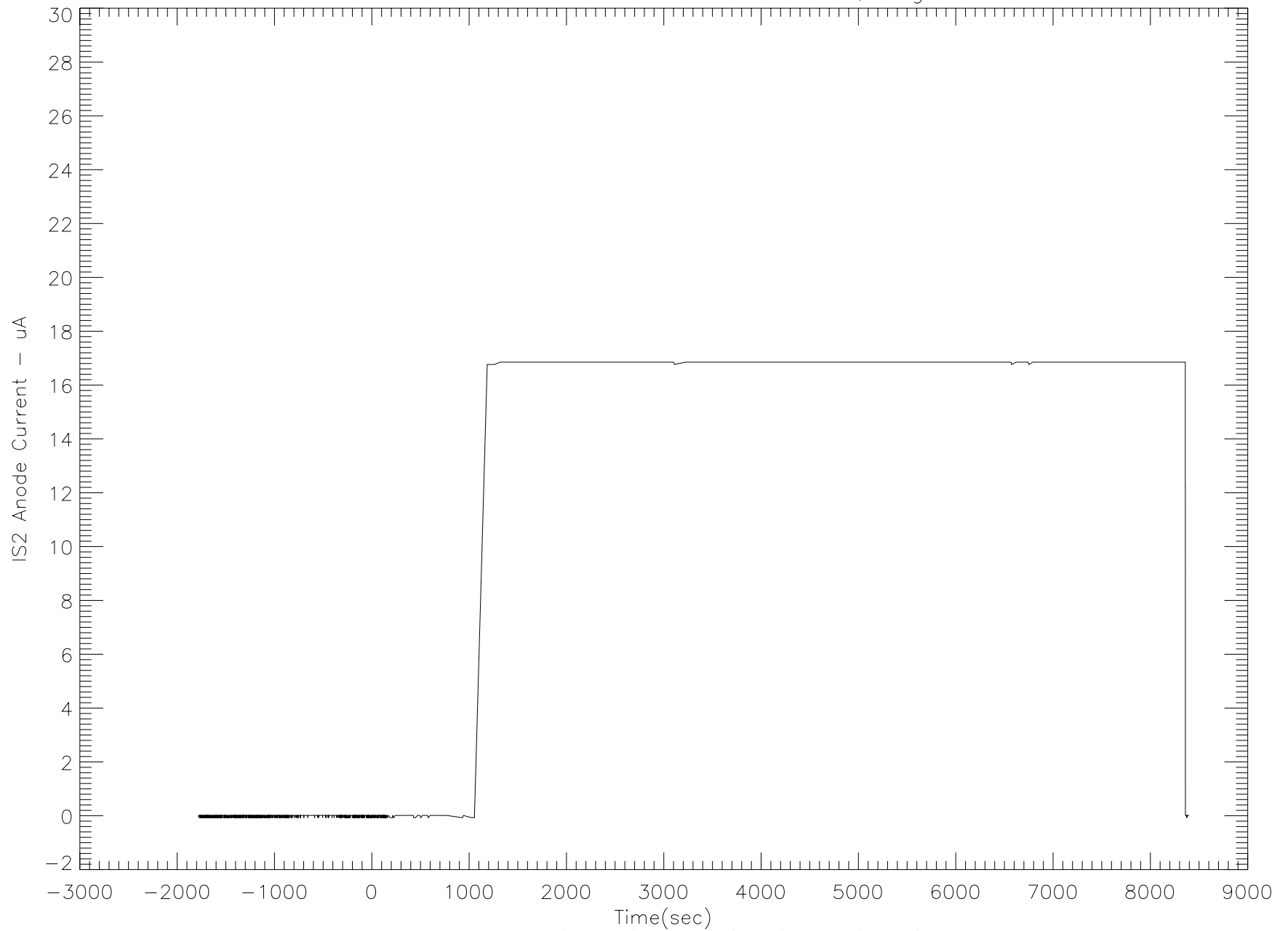
# GCMS IdleA Data Value vs. Relative Time, Page 8



# GCMS IdleA Data Value vs. Relative Time, Page 9

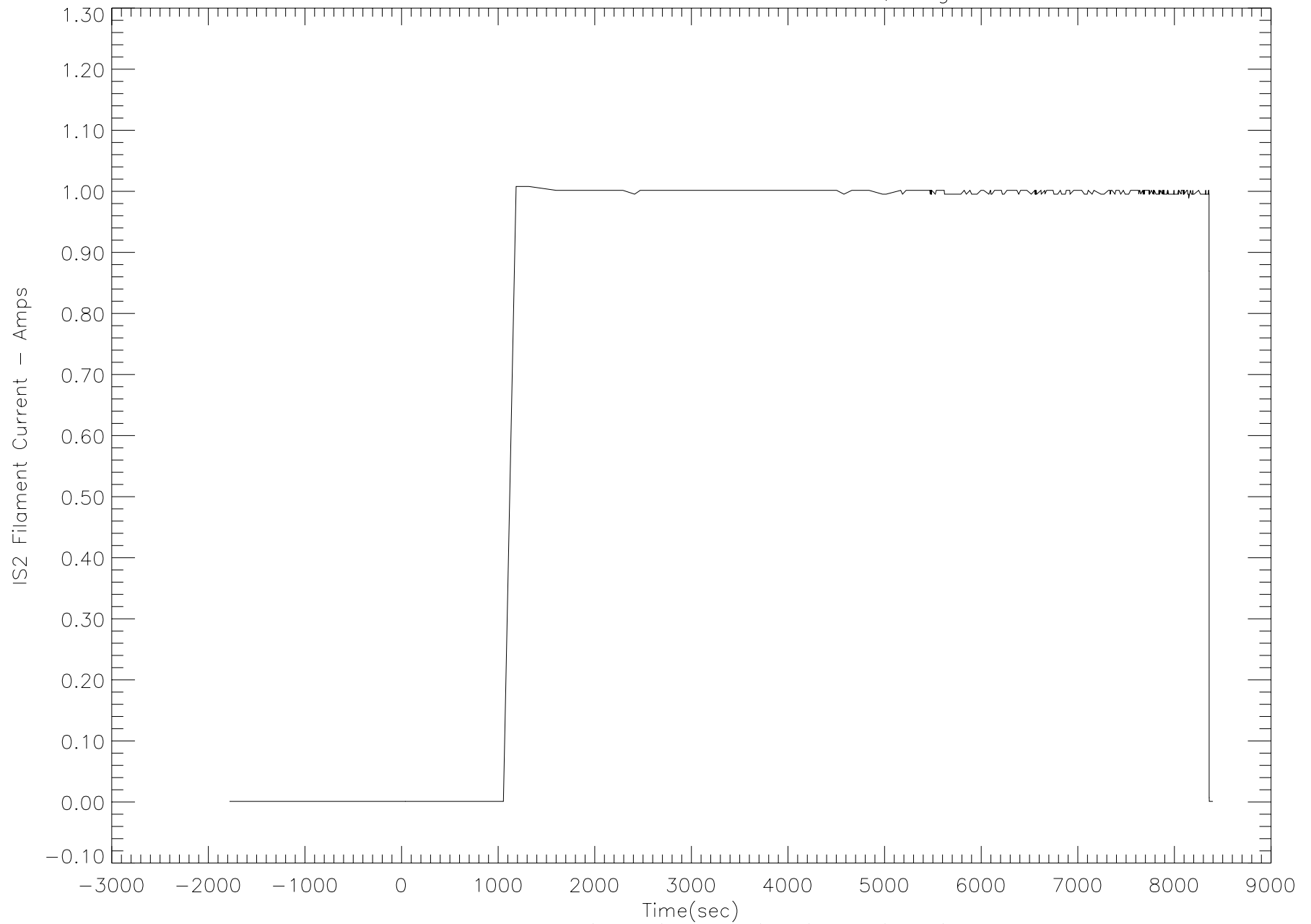


# GCMS IdleA Data Value vs. Relative Time, Page 10

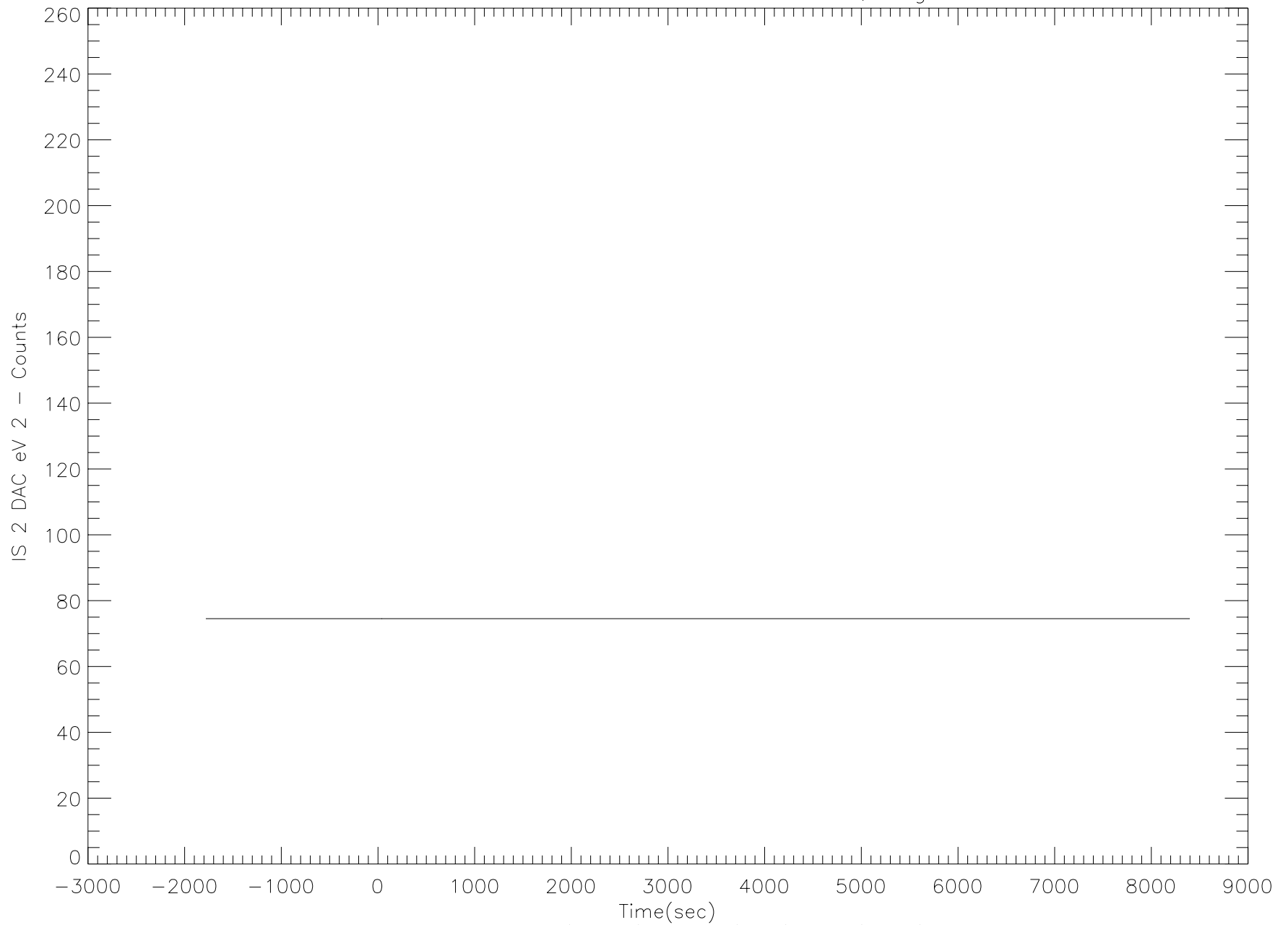




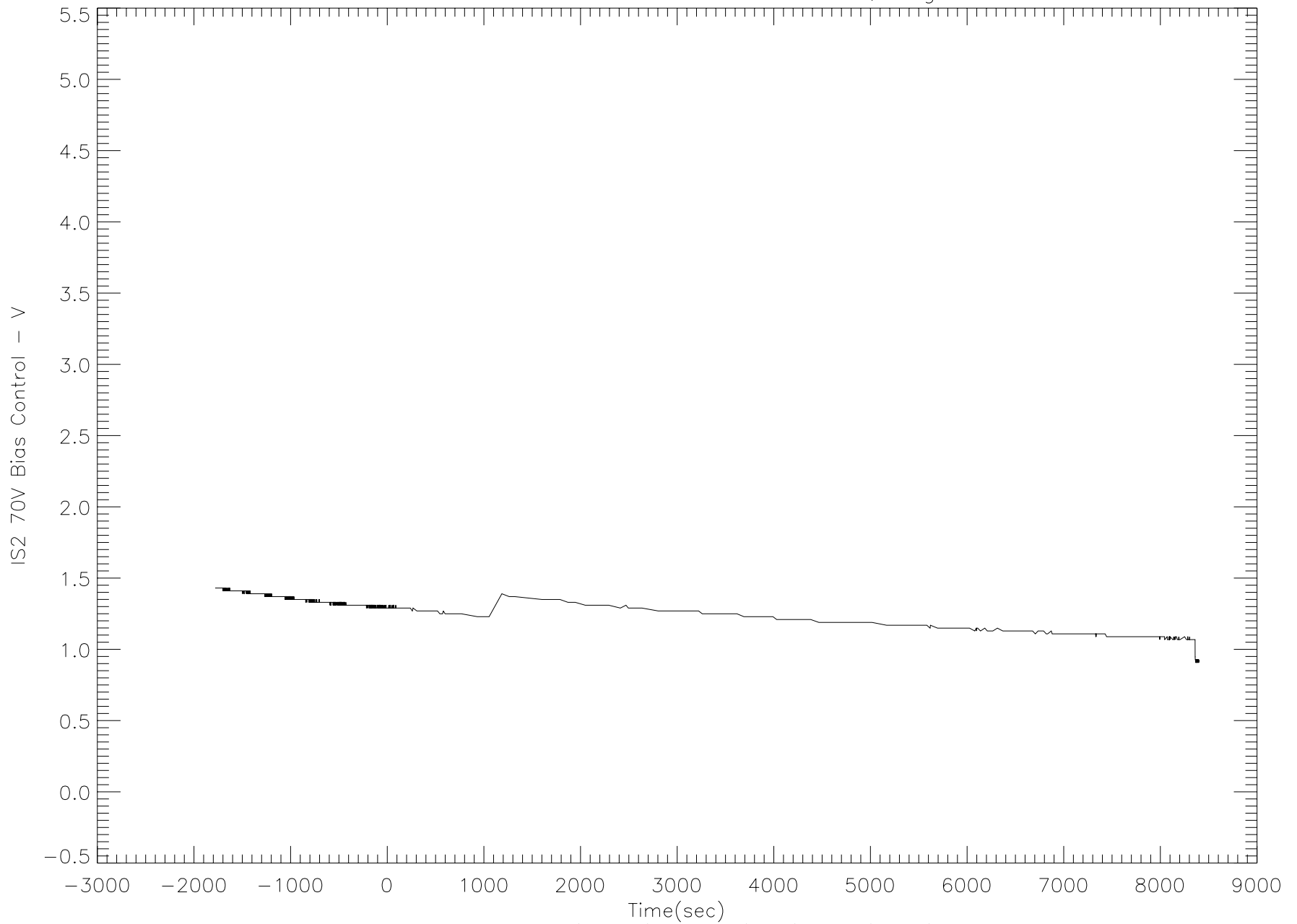
GCMS IdleA Data Value vs. Relative Time, Page 11



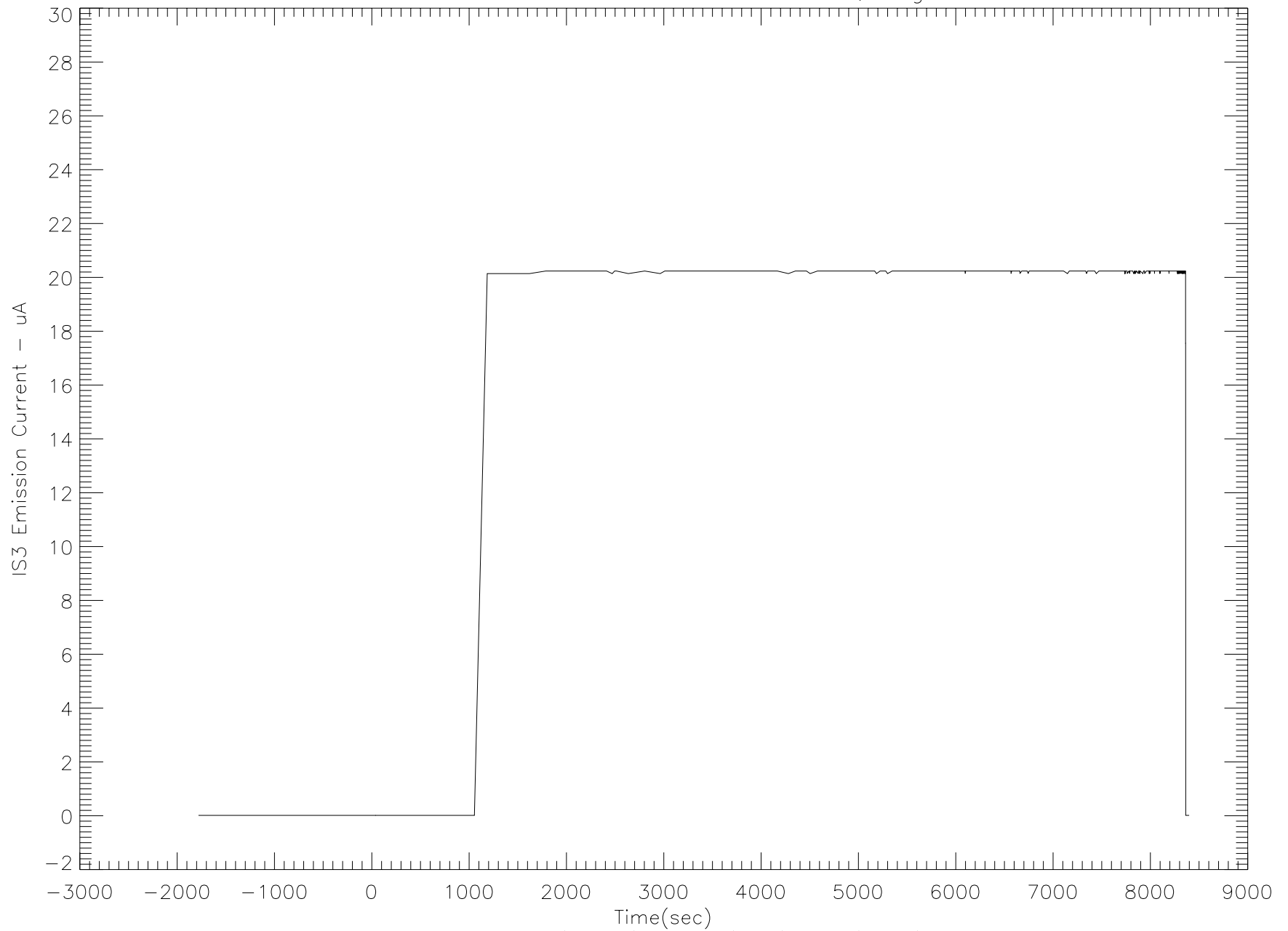
GCMS IdleA Data Value vs. Relative Time, Page 12



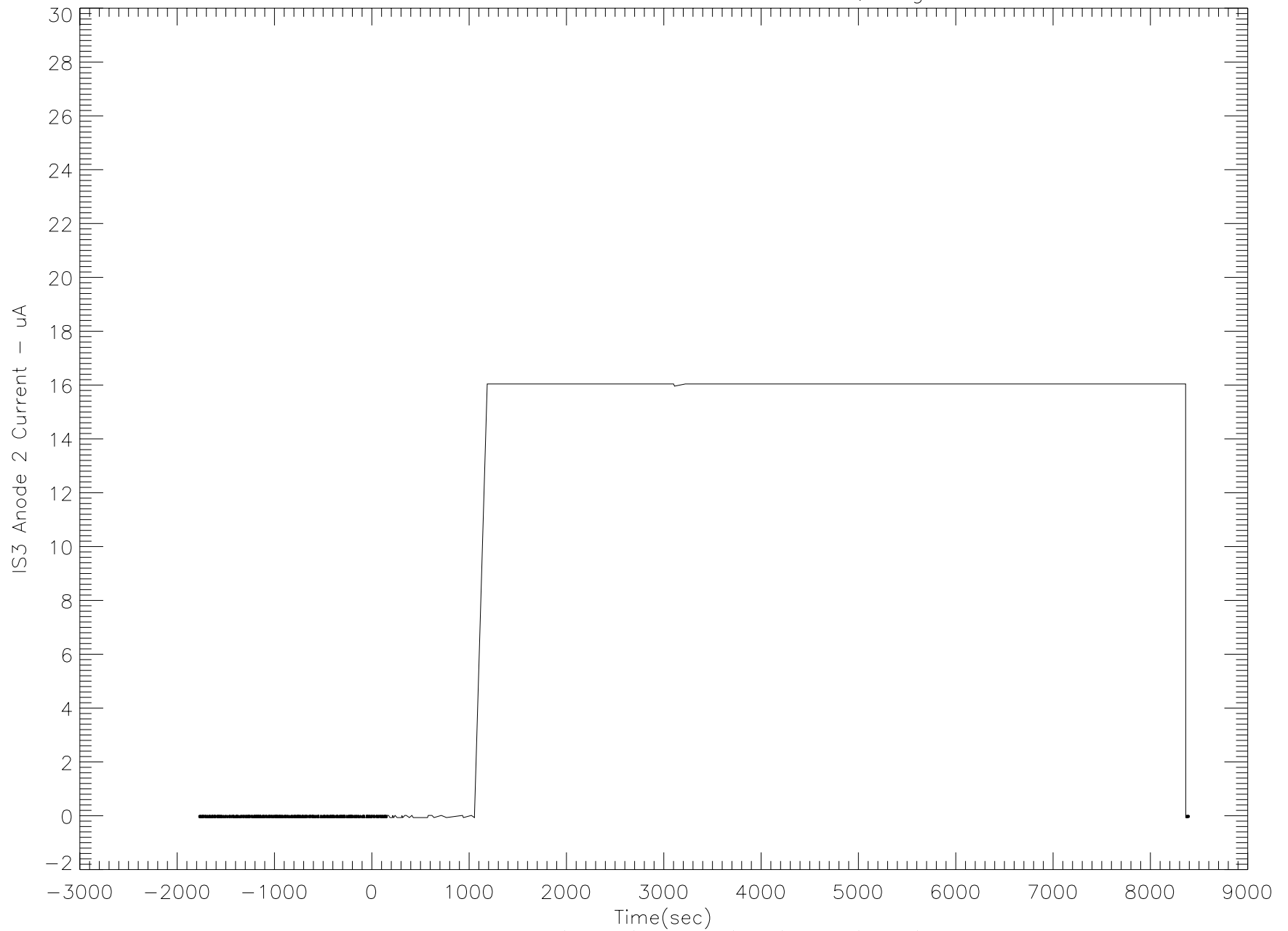
# GCMS IdleA Data Value vs. Relative Time, Page 13



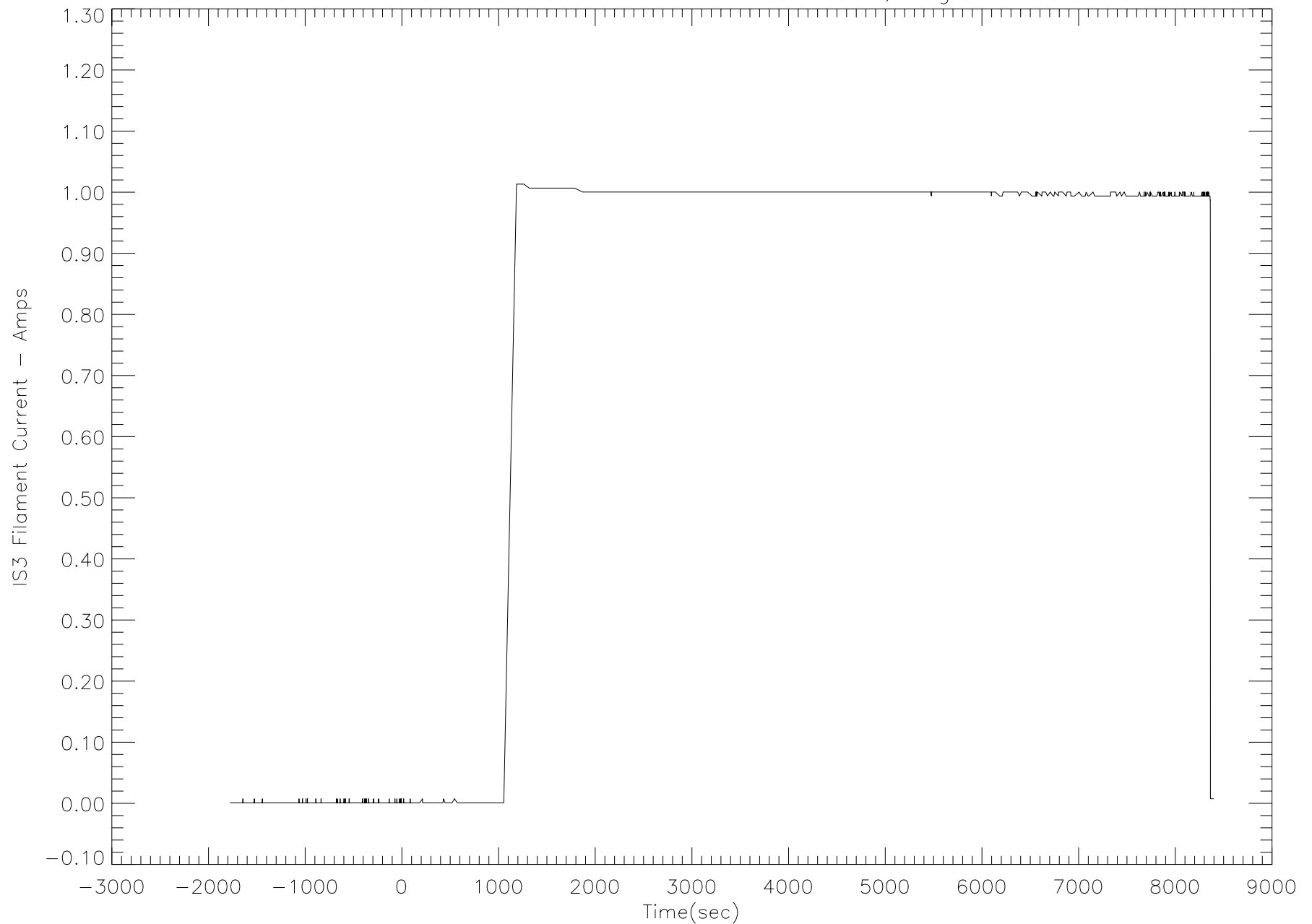
GCMS IdleA Data Value vs. Relative Time, Page 14



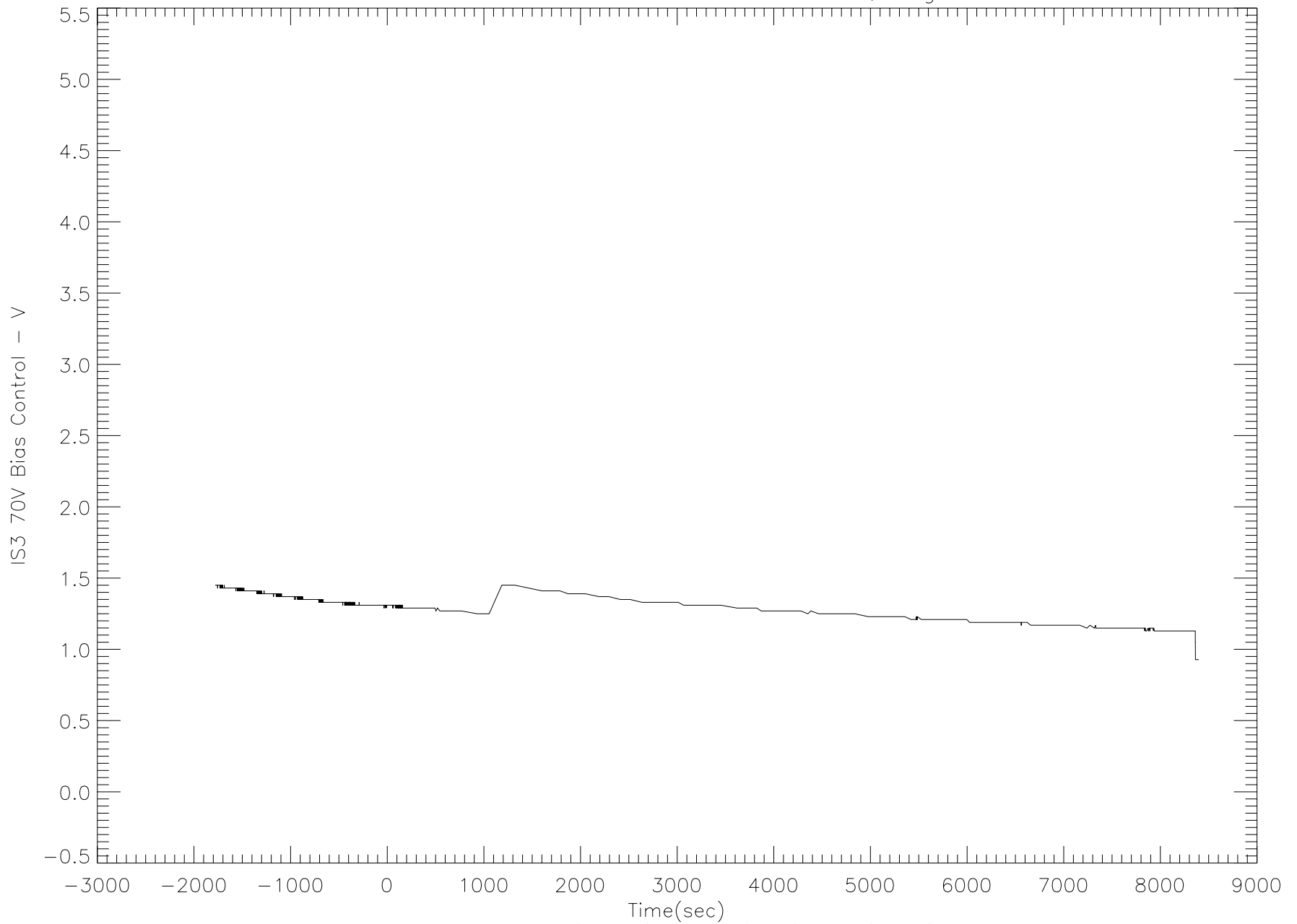
# GCMS IdleA Data Value vs. Relative Time, Page 15



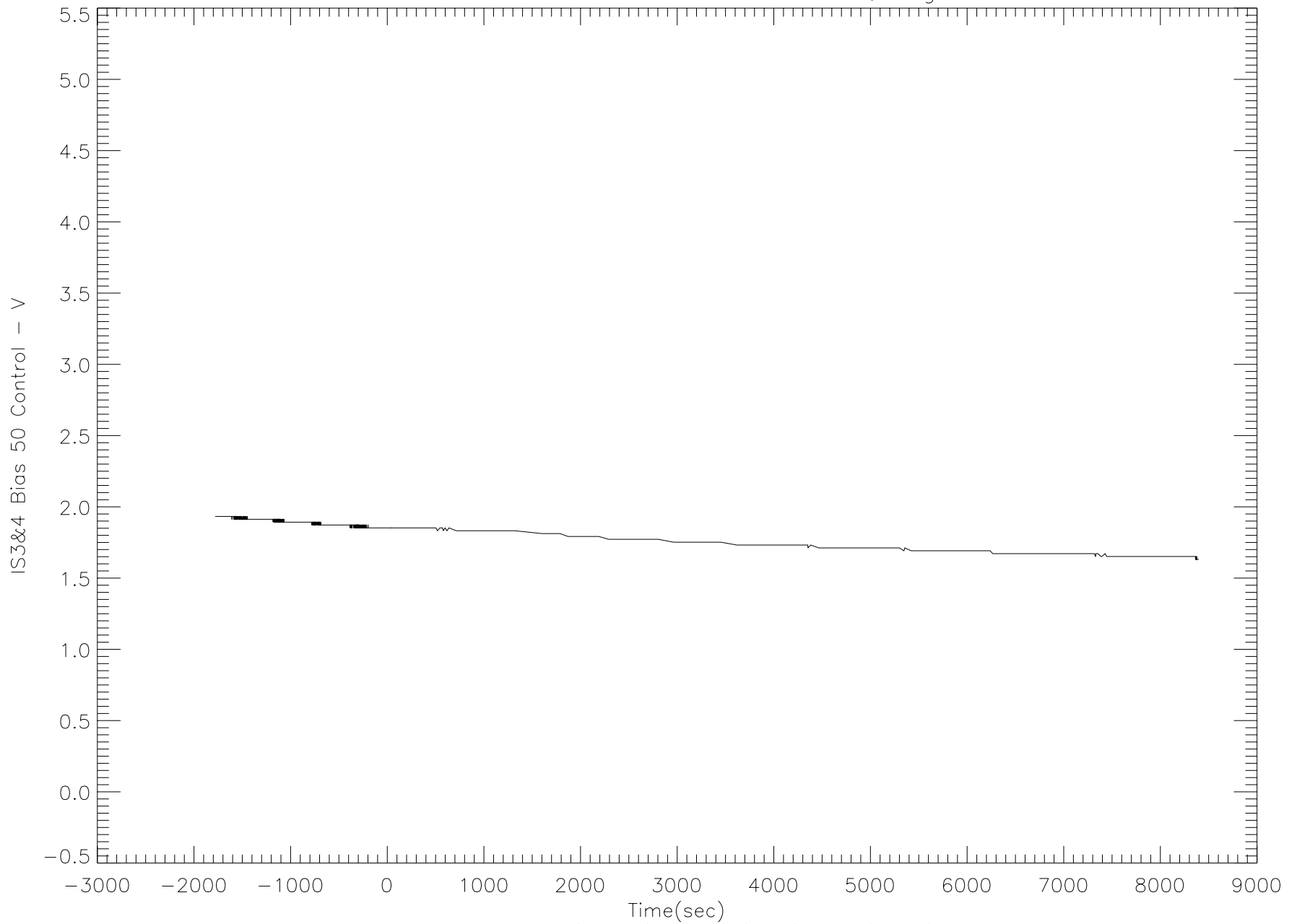
GCMS IdleA Data Value vs. Relative Time, Page 16



GCMS IdleA Data Value vs. Relative Time, Page 17

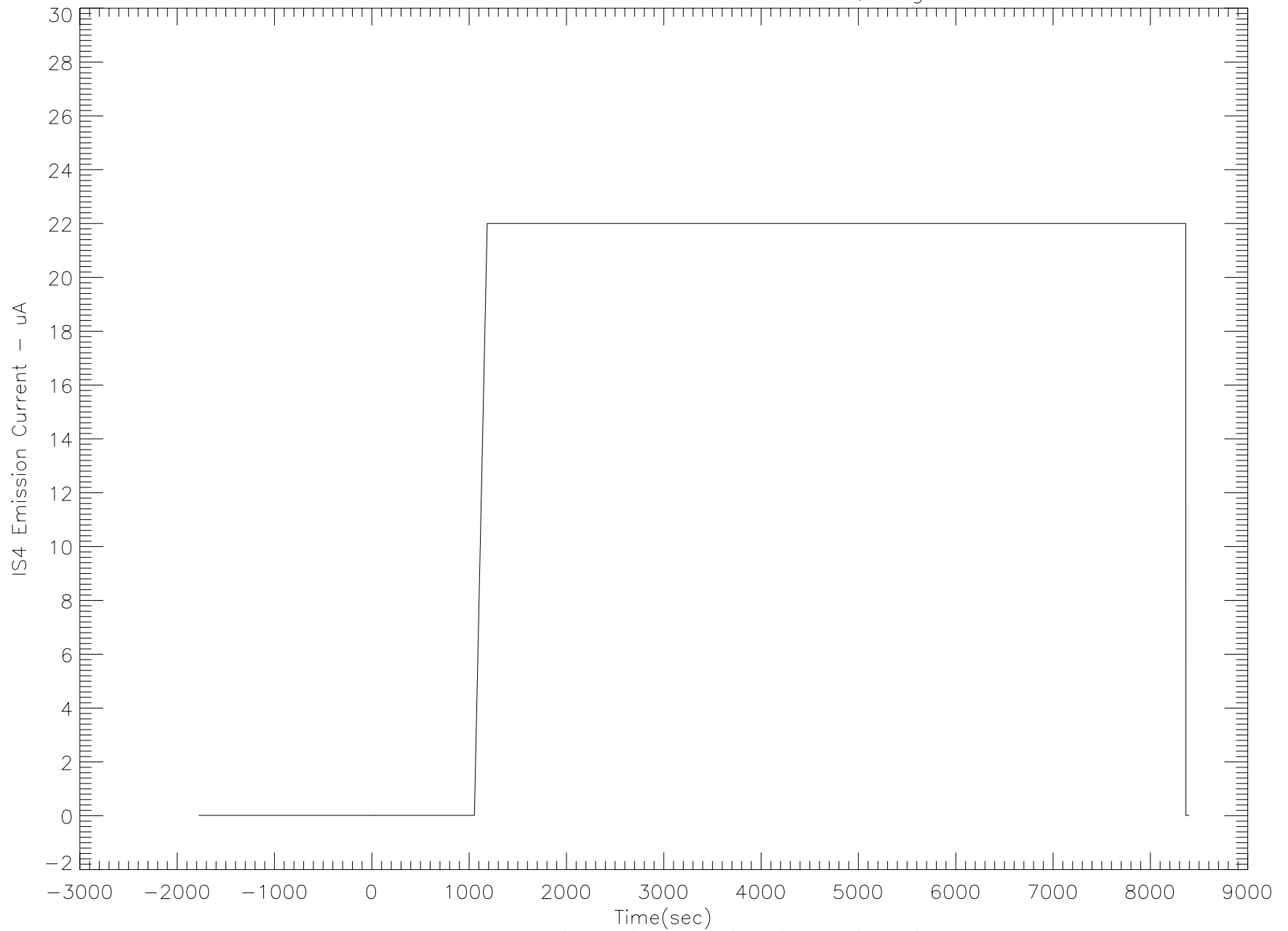


# GCMS IdleA Data Value vs. Relative Time, Page 18

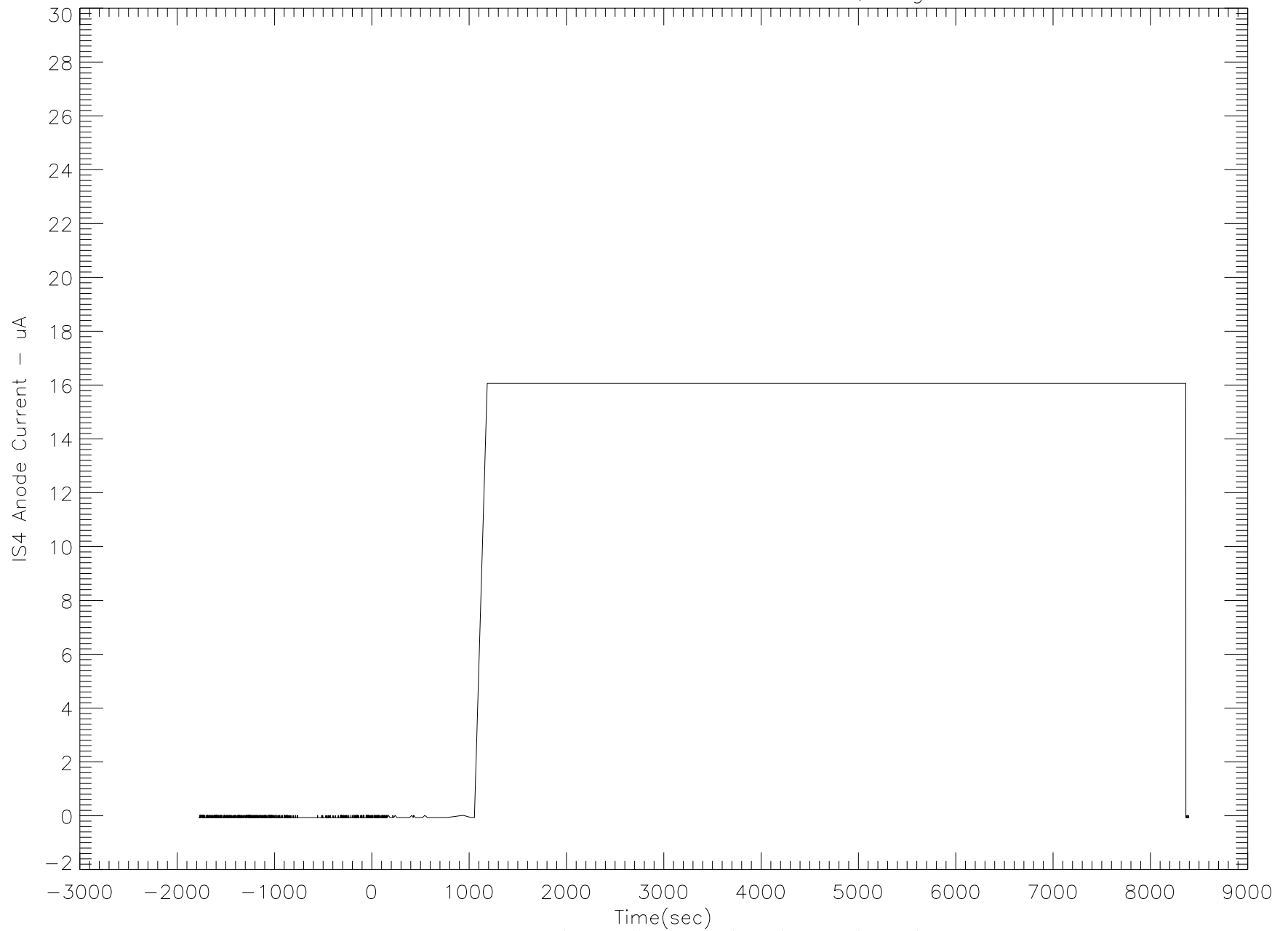




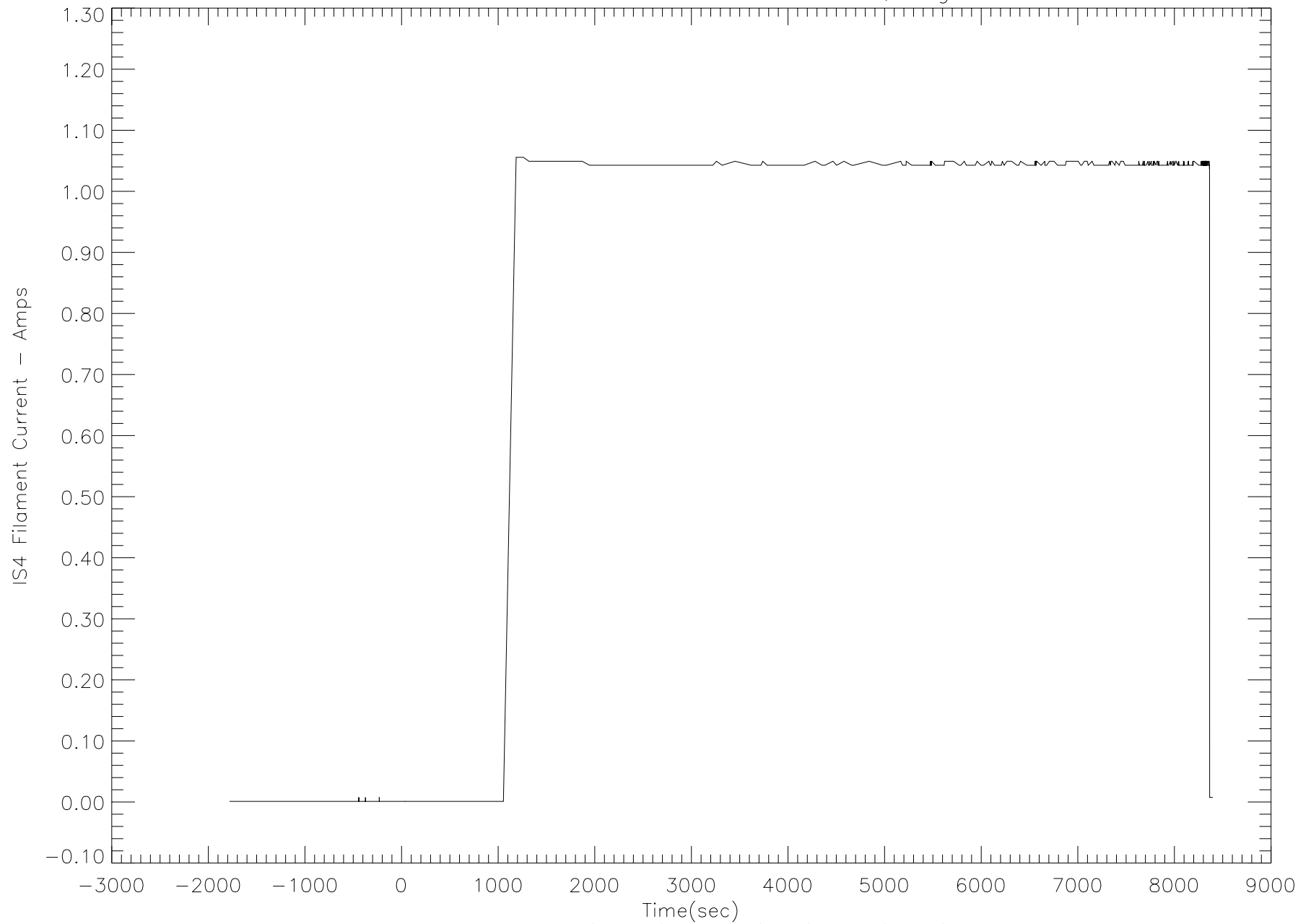
GCMS IdleA Data Value vs. Relative Time, Page 19



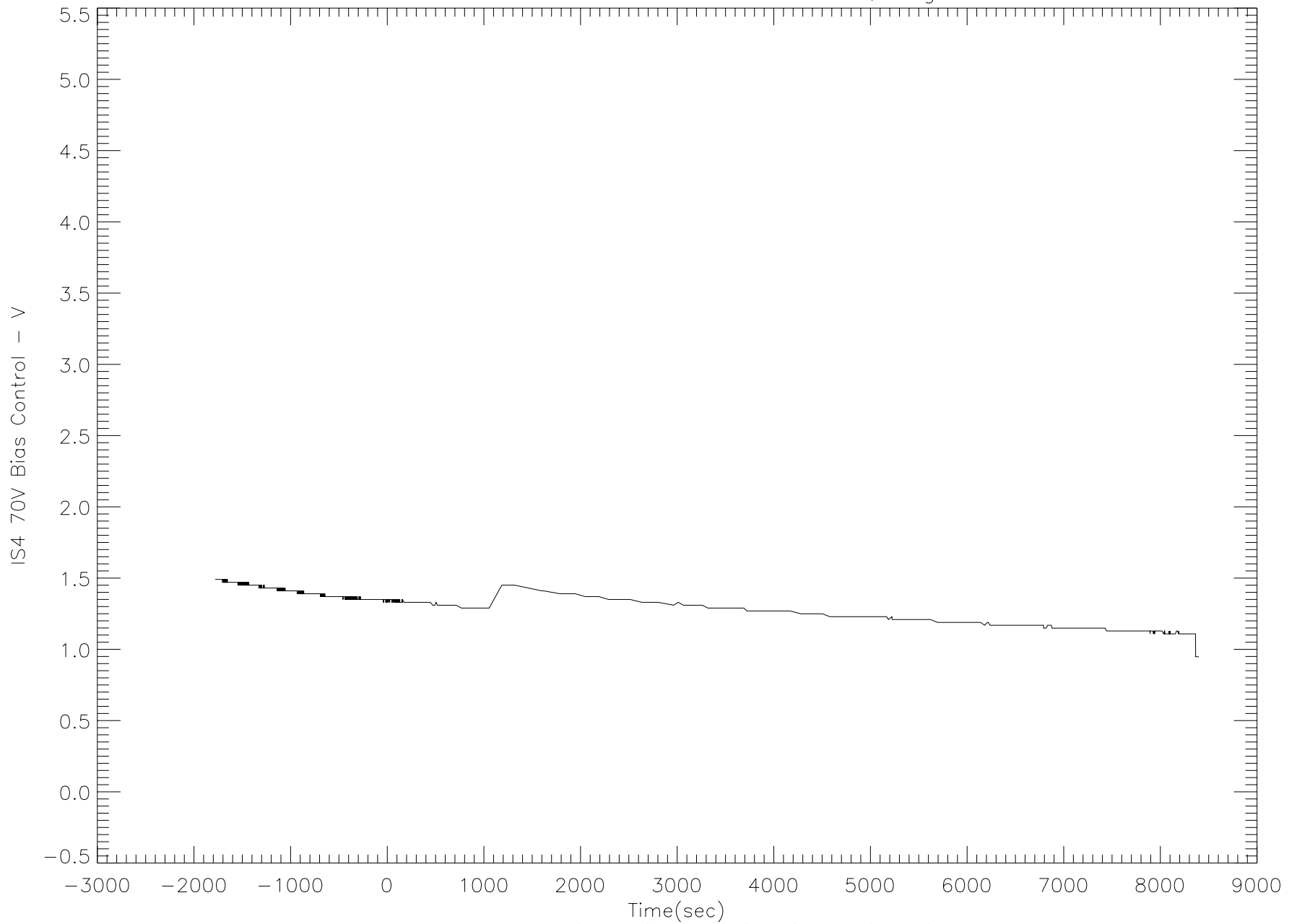
GCMS IdleA Data Value vs. Relative Time, Page 20



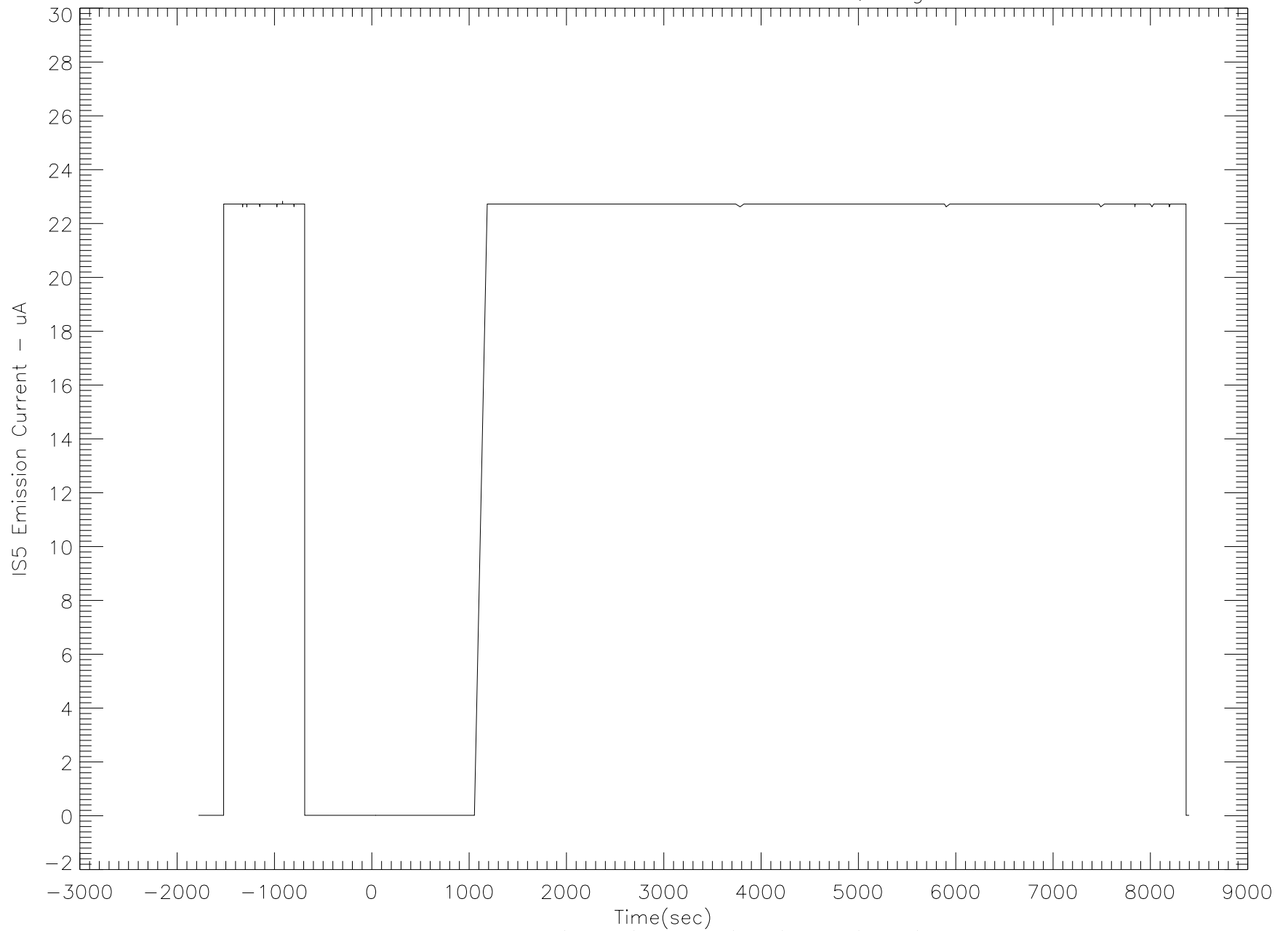
GCMS IdleA Data Value vs. Relative Time, Page 21



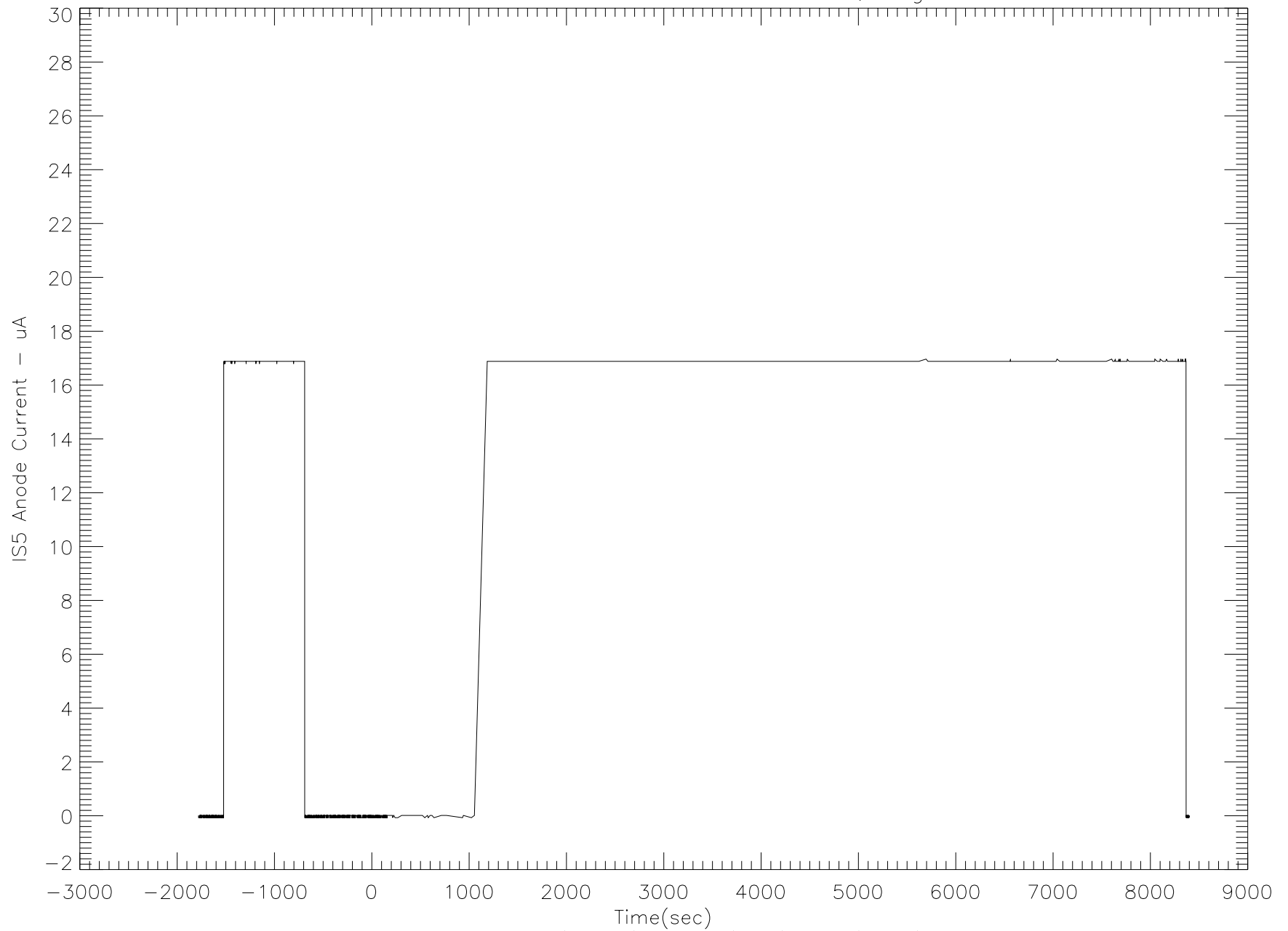
# GCMS IdleA Data Value vs. Relative Time, Page 22



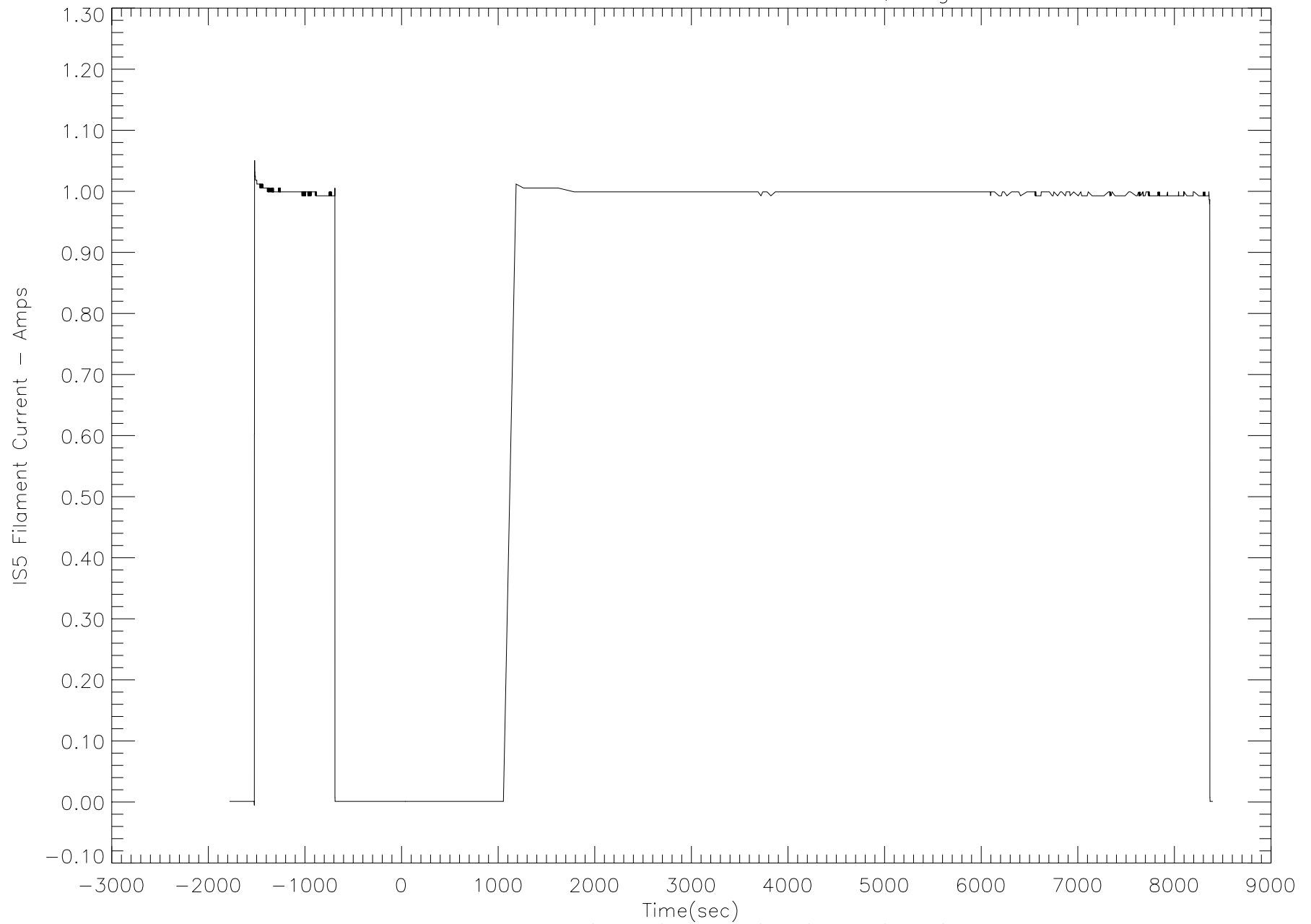
GCMS IdleA Data Value vs. Relative Time, Page 23



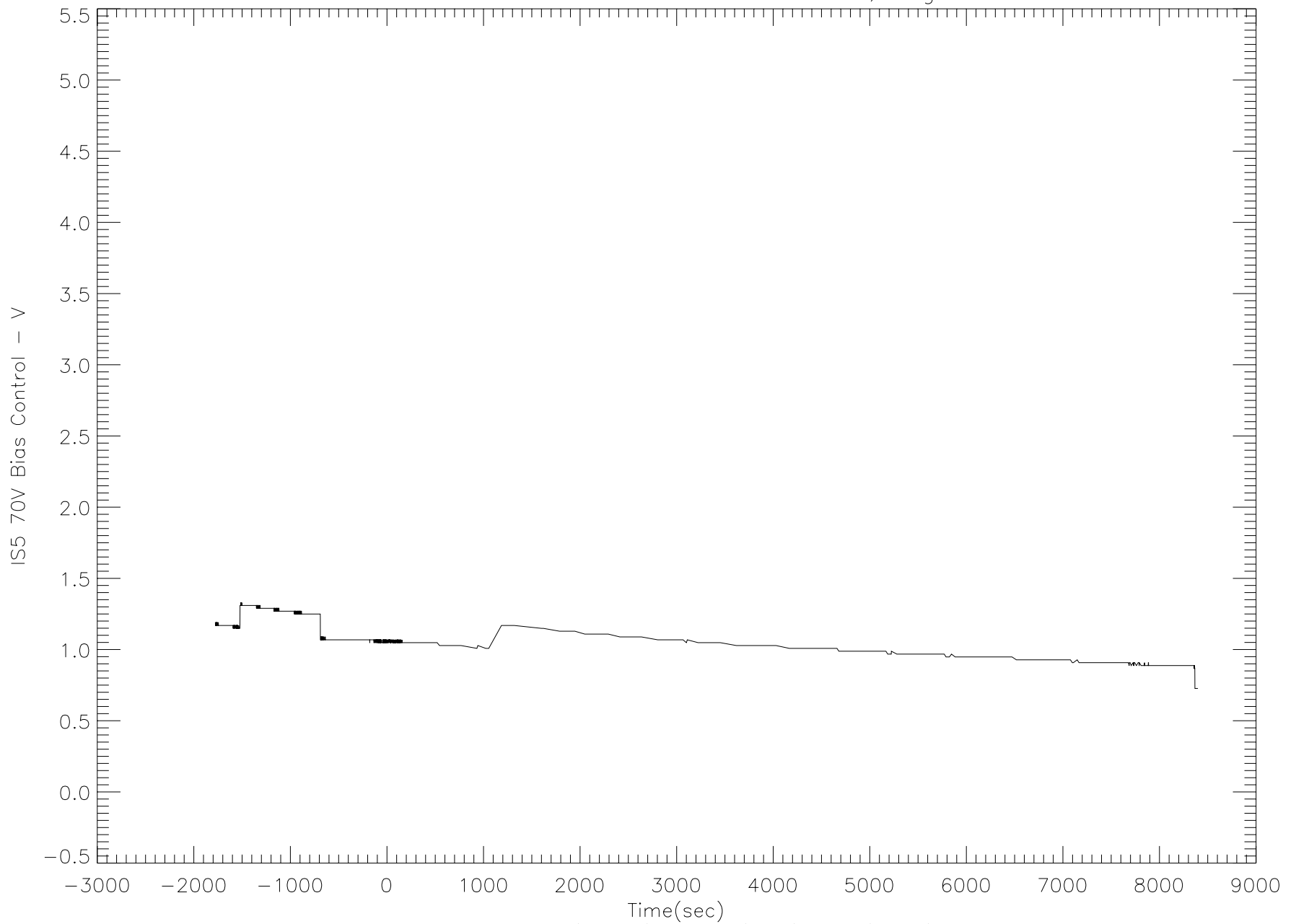
GCMS IdleA Data Value vs. Relative Time, Page 24



GCMS IdleA Data Value vs. Relative Time, Page 25

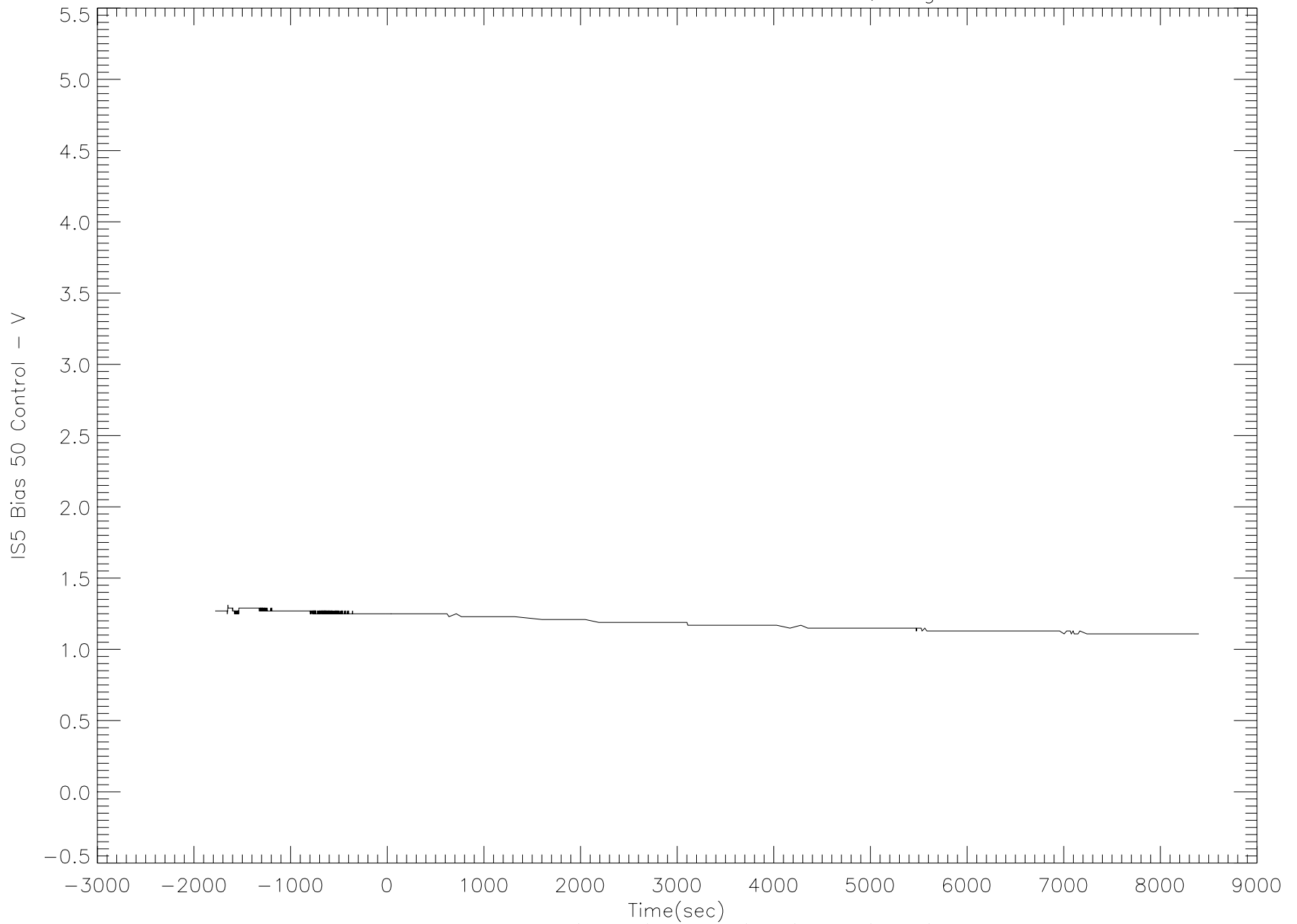


# GCMS IdleA Data Value vs. Relative Time, Page 26

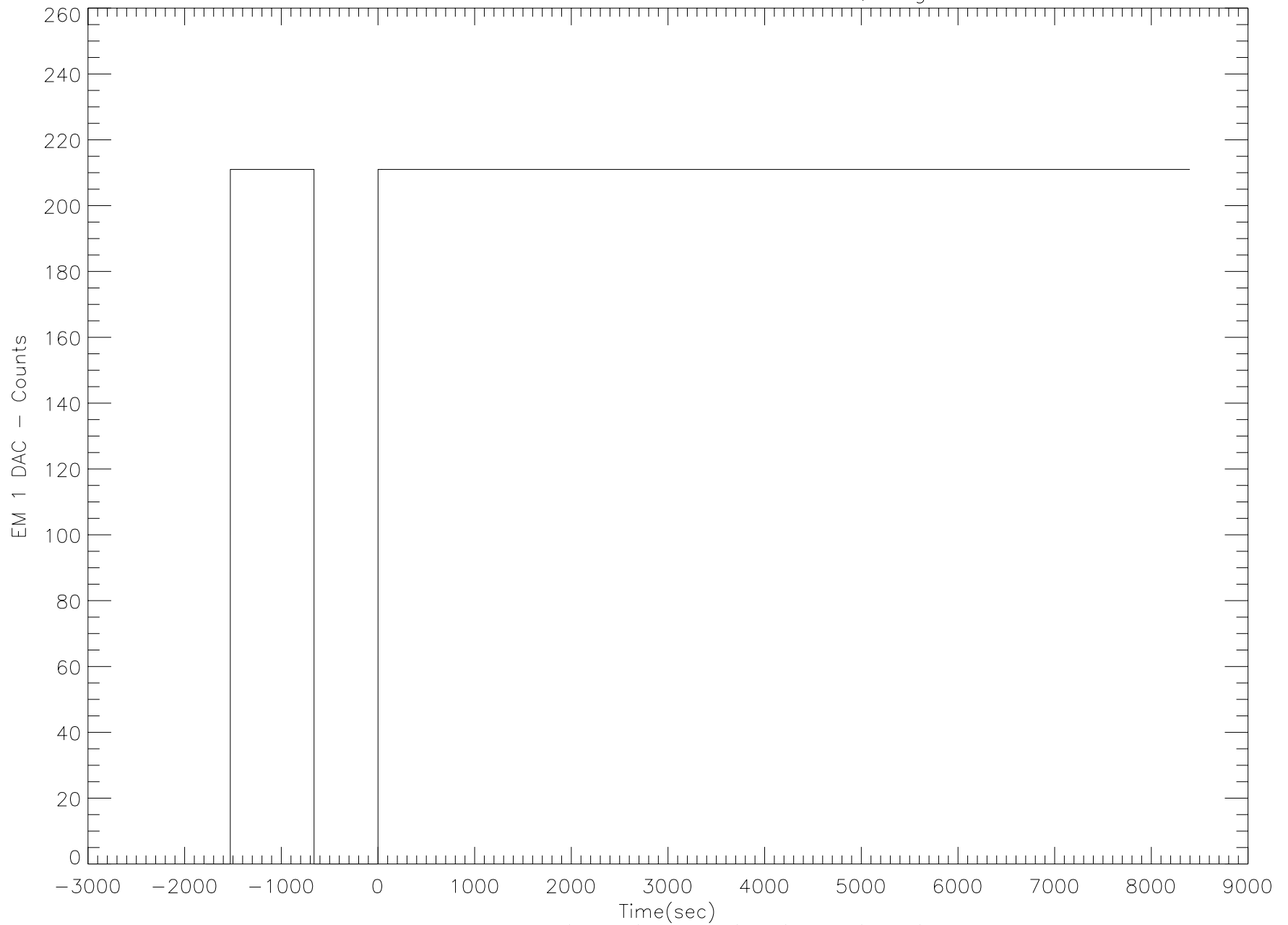




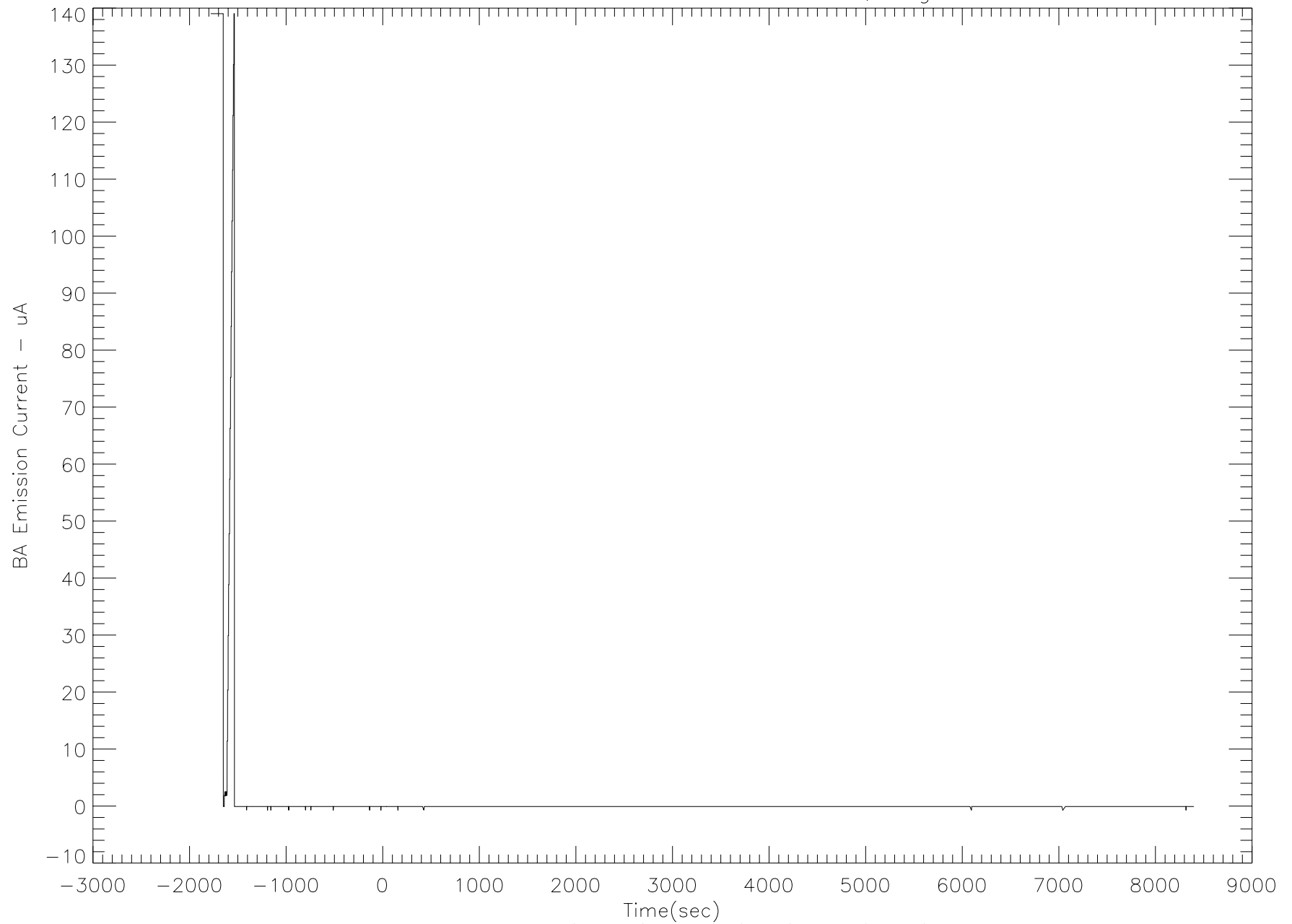
# GCMS IdleA Data Value vs. Relative Time, Page 27



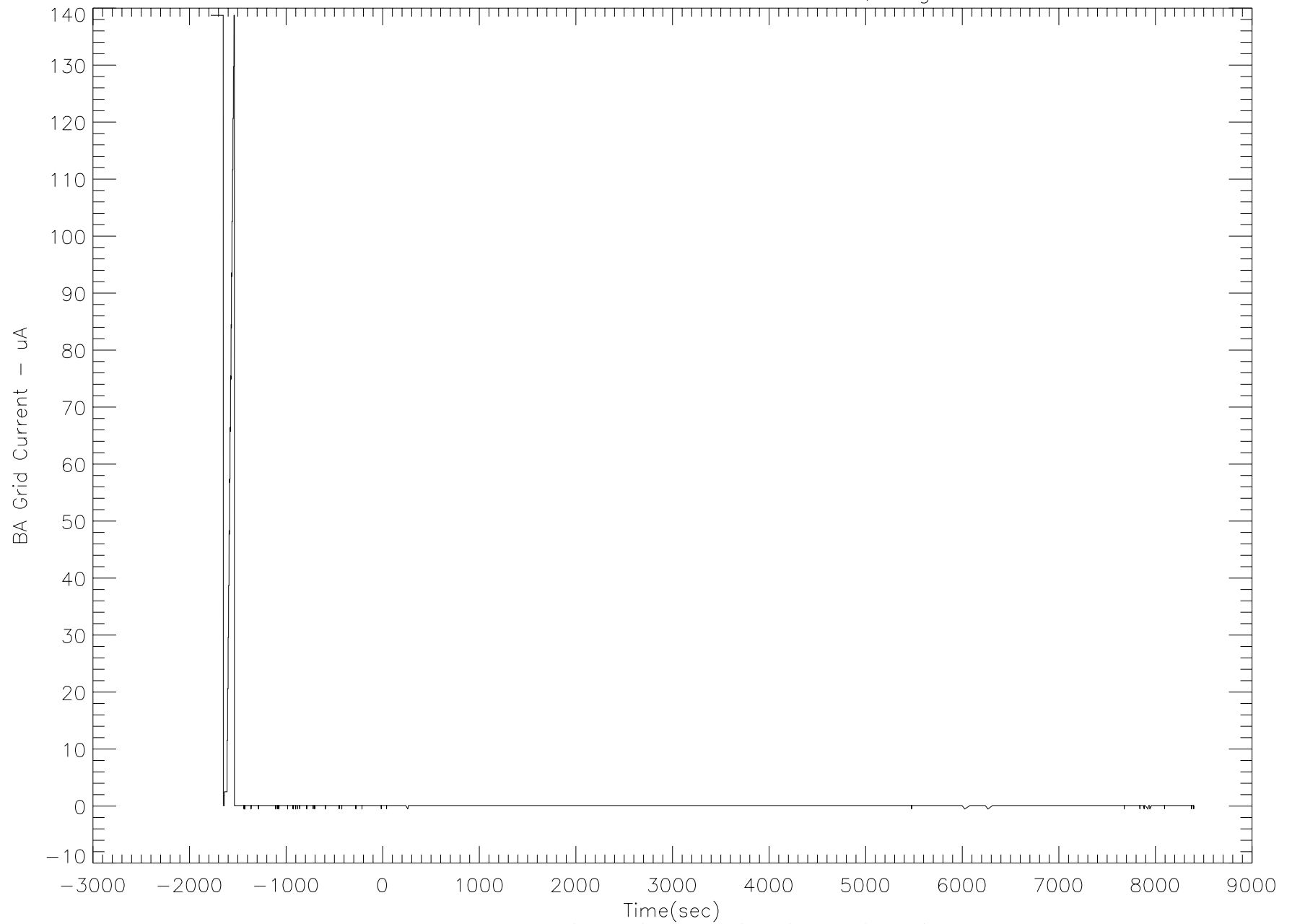
# GCMS IdleA Data Value vs. Relative Time, Page 28



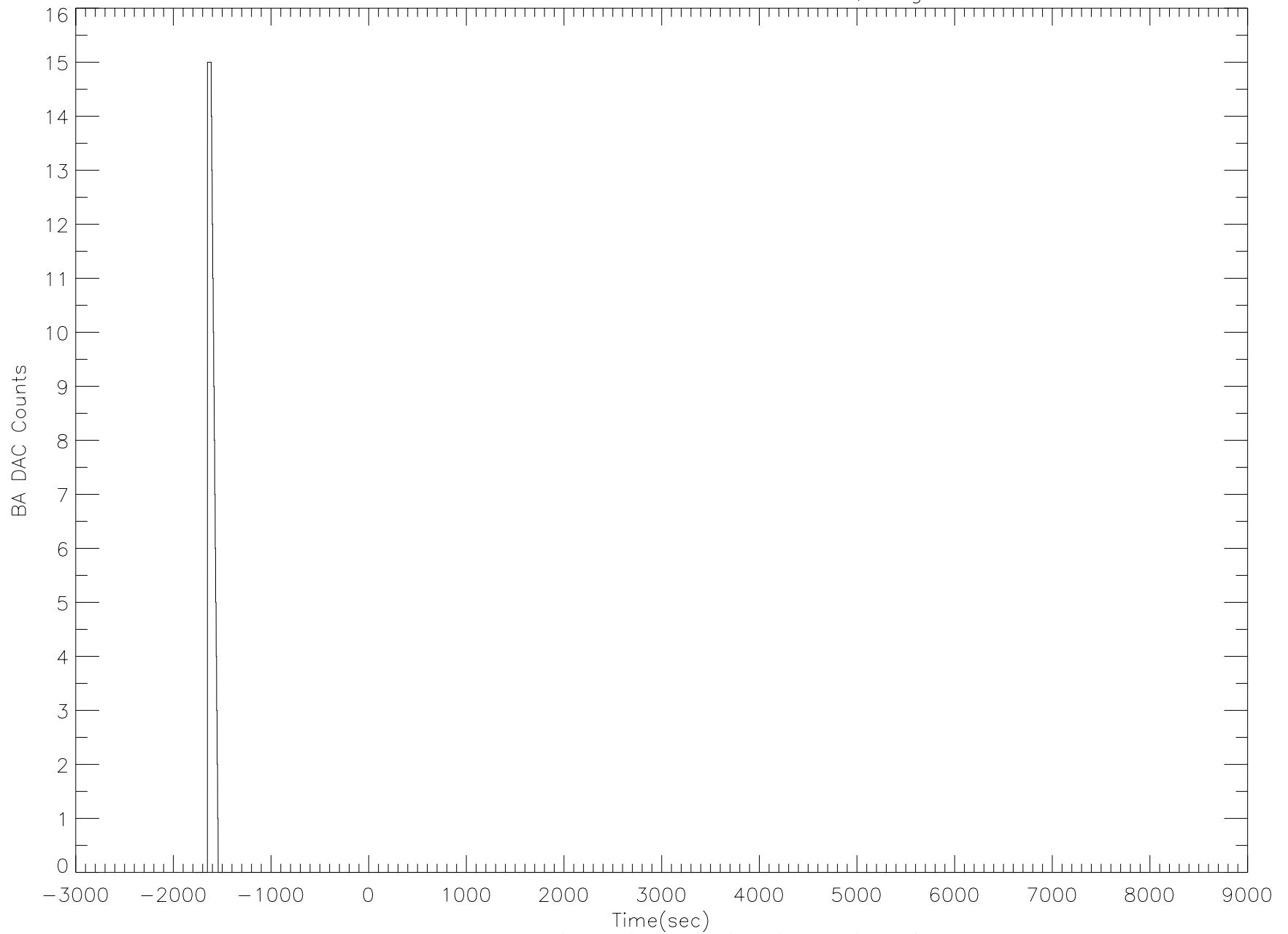
GCMS IdleA Data Value vs. Relative Time, Page 29



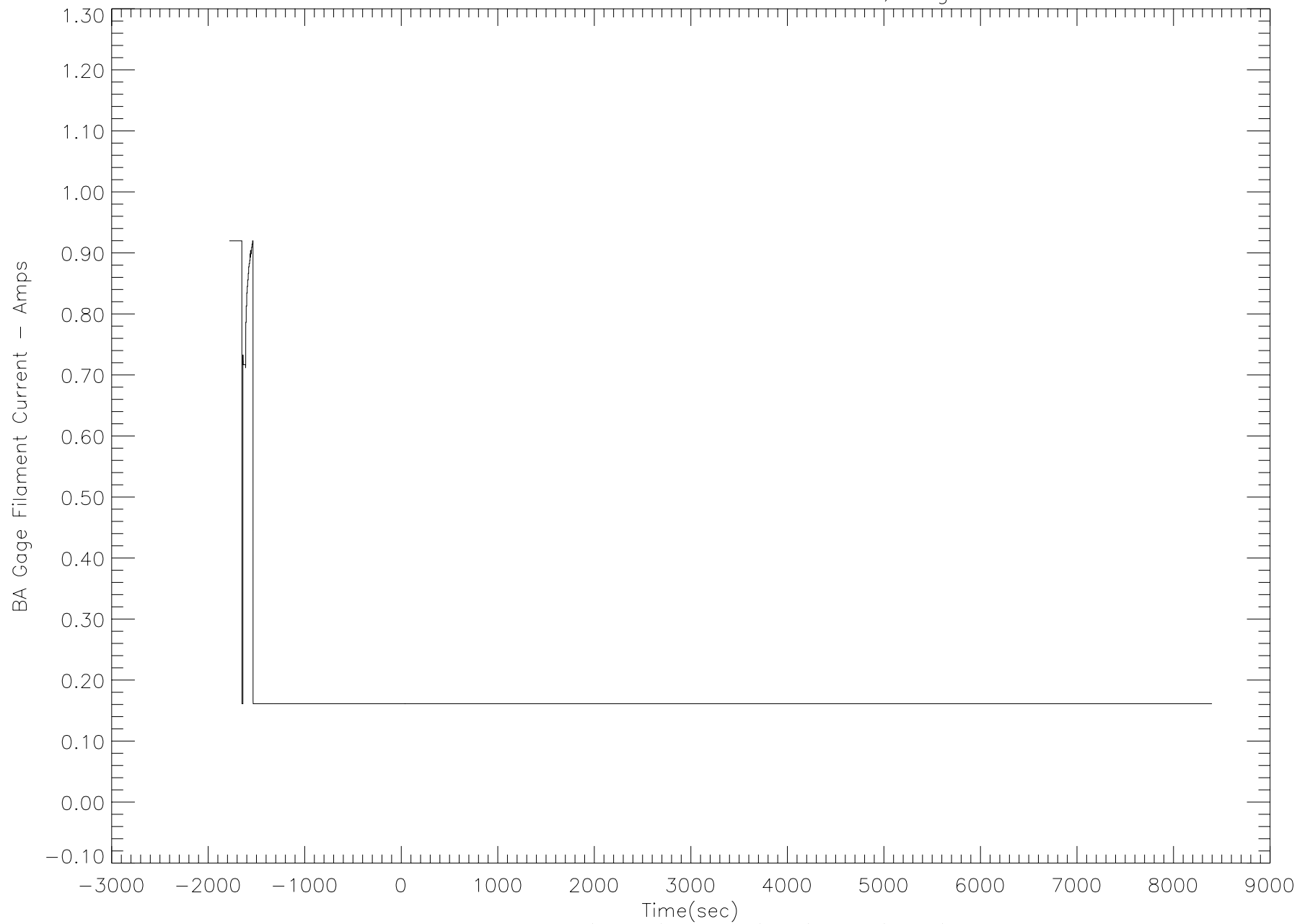
GCMS IdleA Data Value vs. Relative Time, Page 30



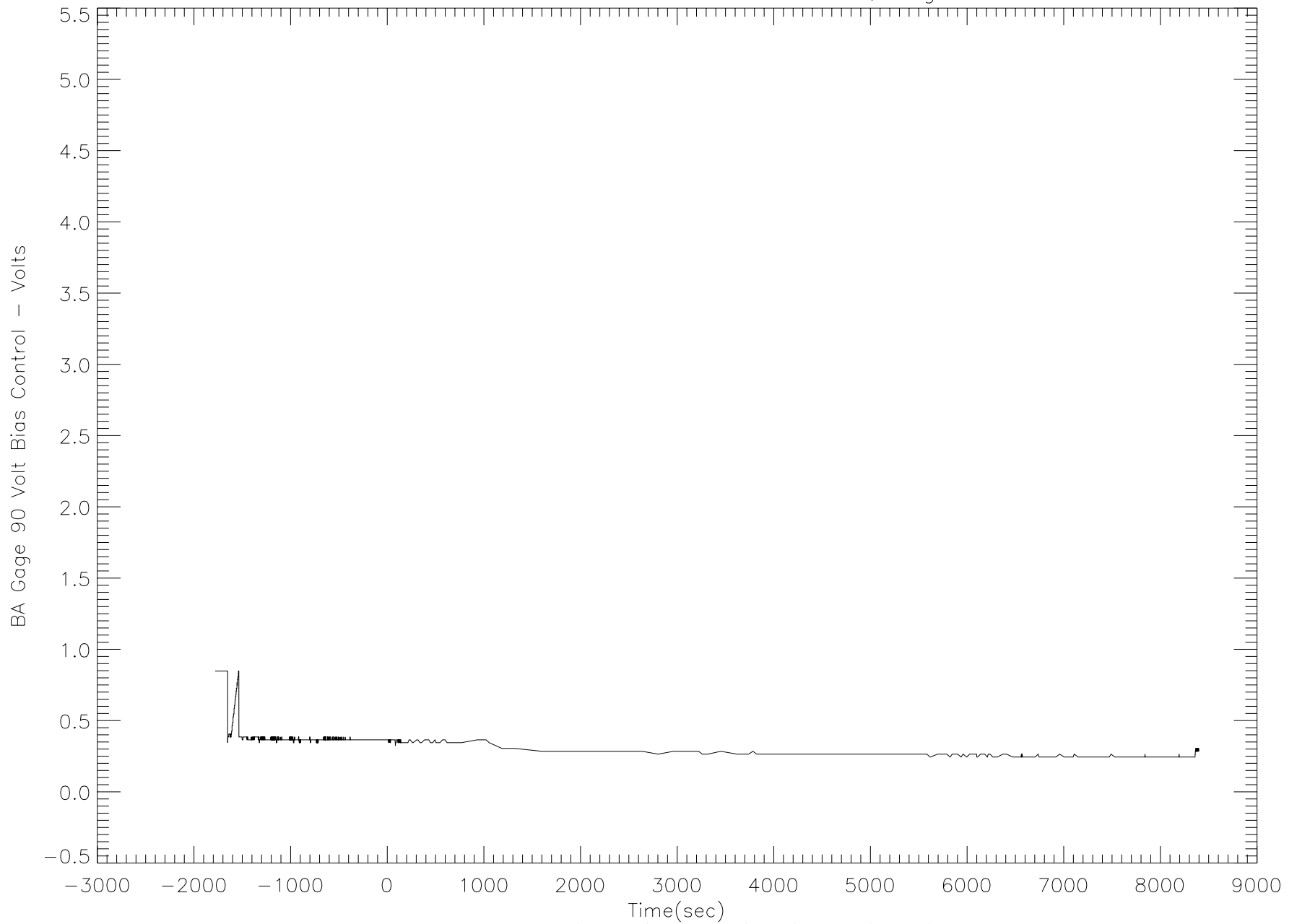
GCMS IdleA Data Value vs. Relative Time, Page 31



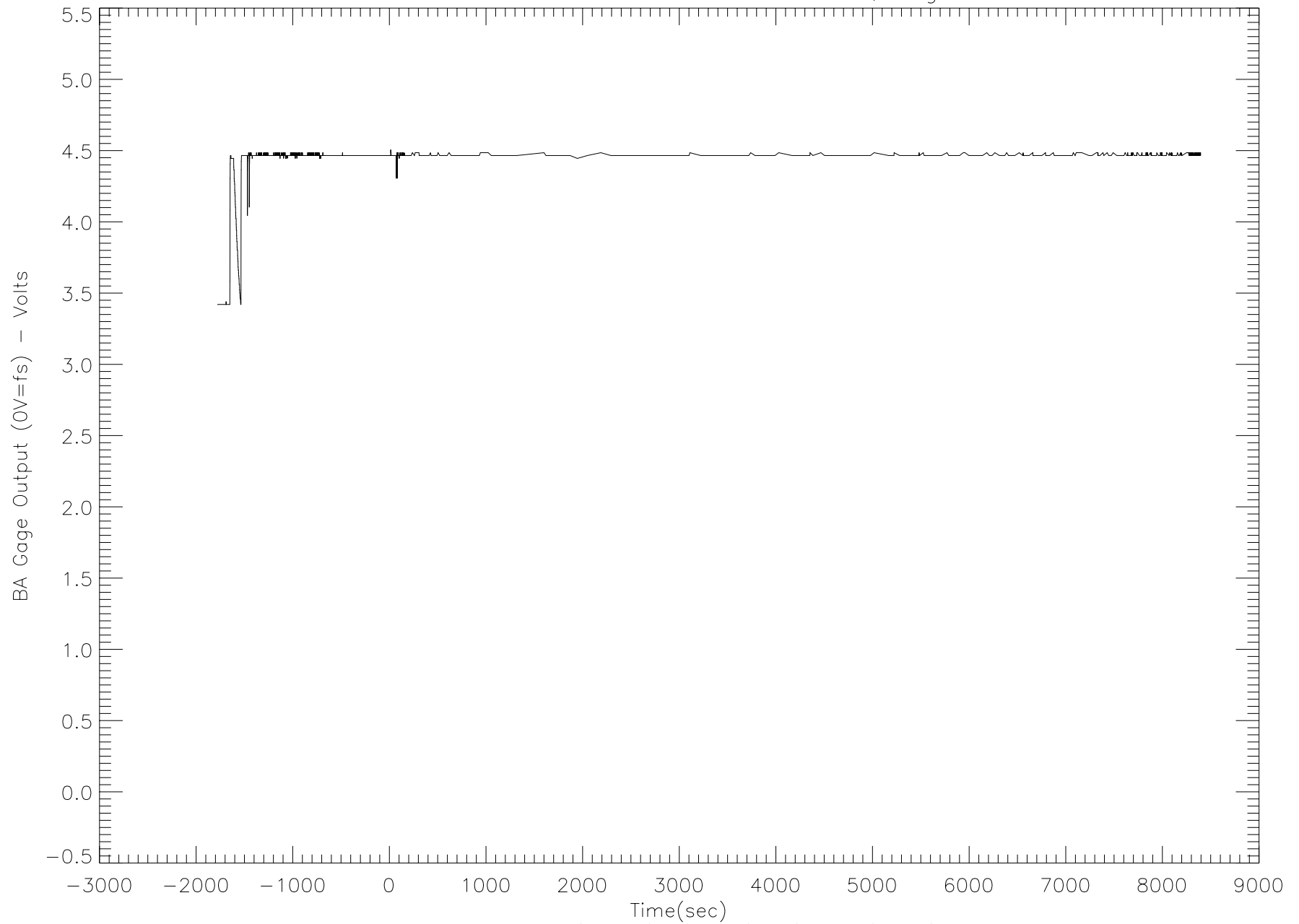
GCMS IdleA Data Value vs. Relative Time, Page 32



GCMS IdleA Data Value vs. Relative Time, Page 33

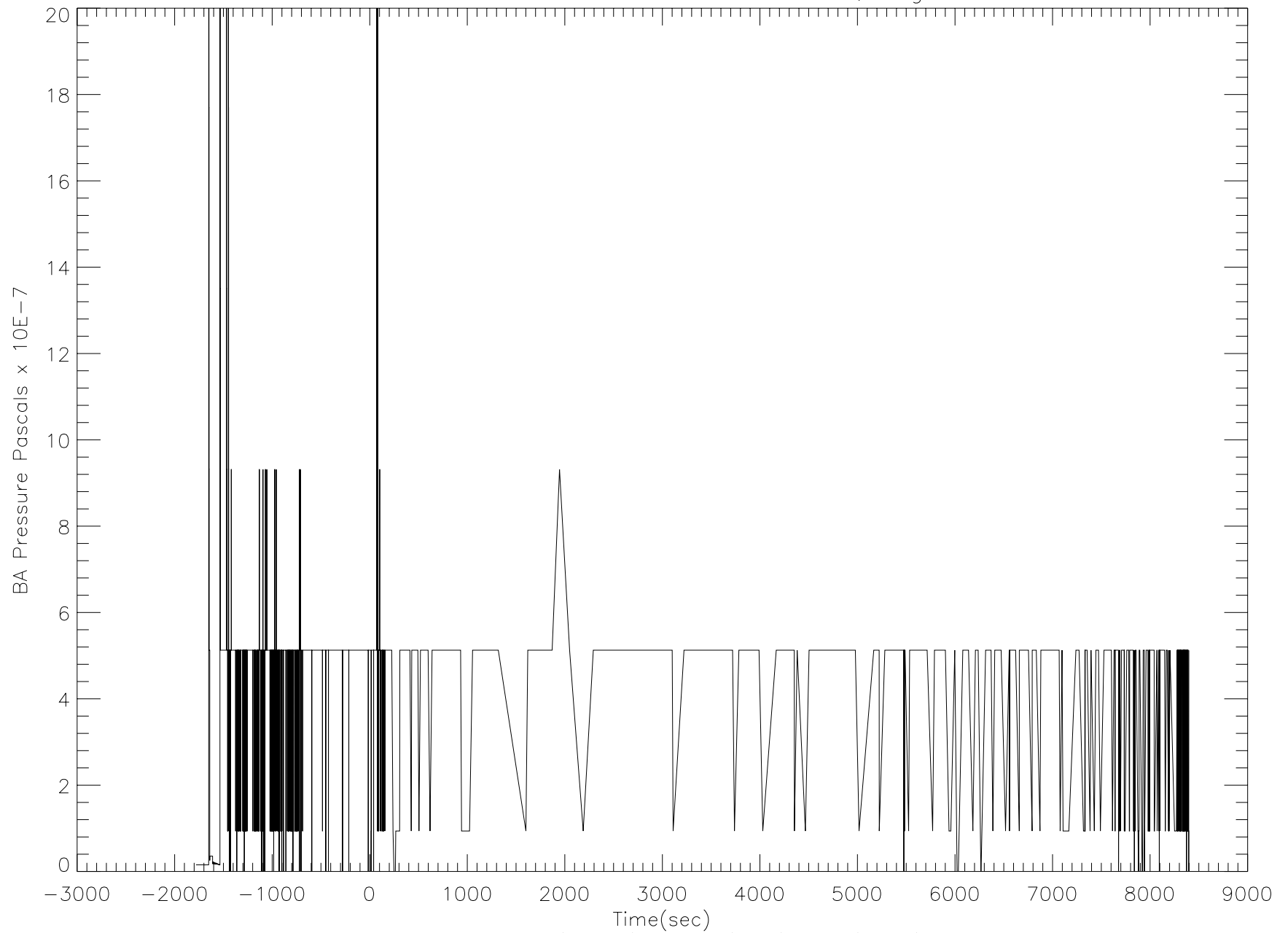


# GCMS IdleA Data Value vs. Relative Time, Page 34

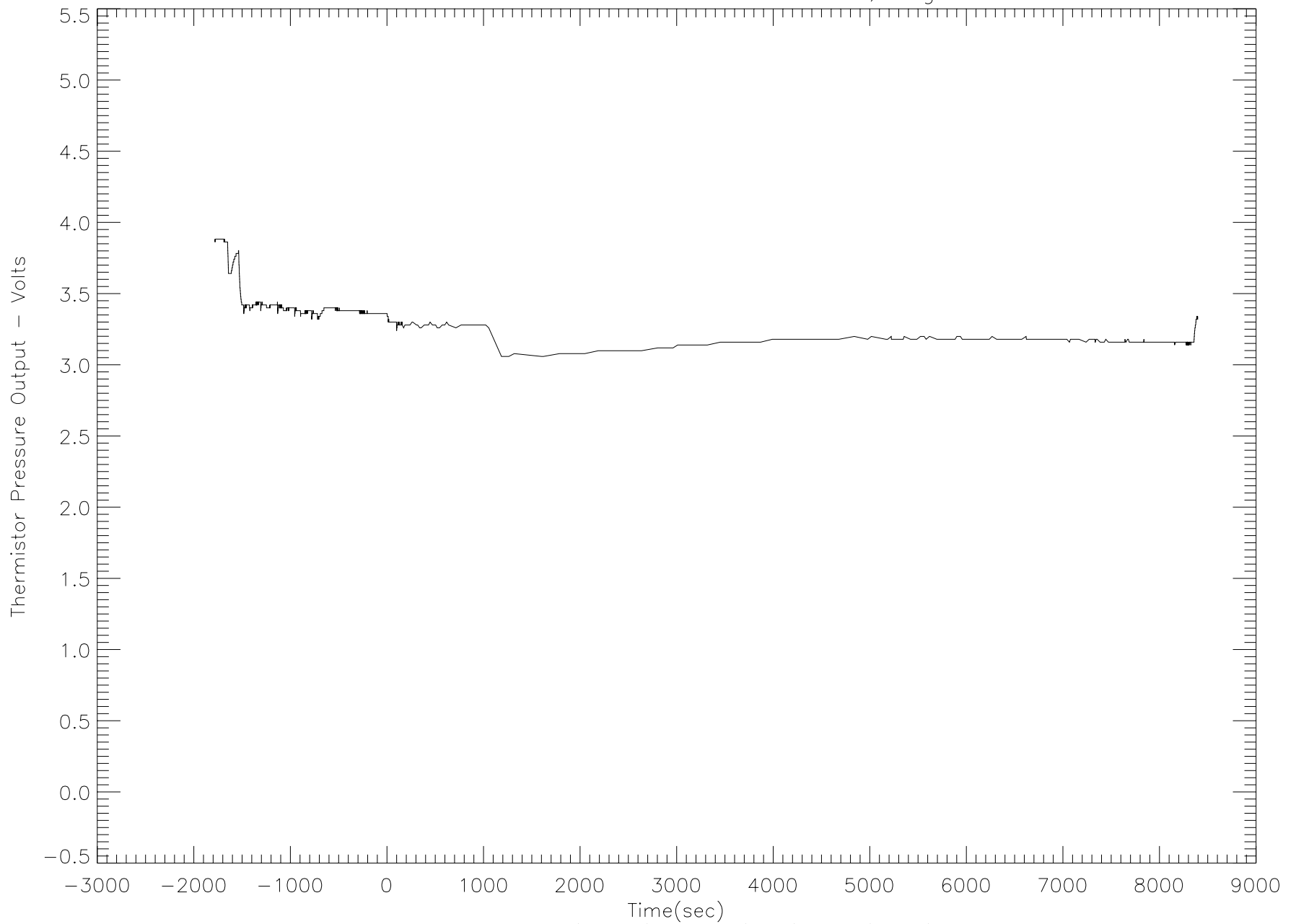




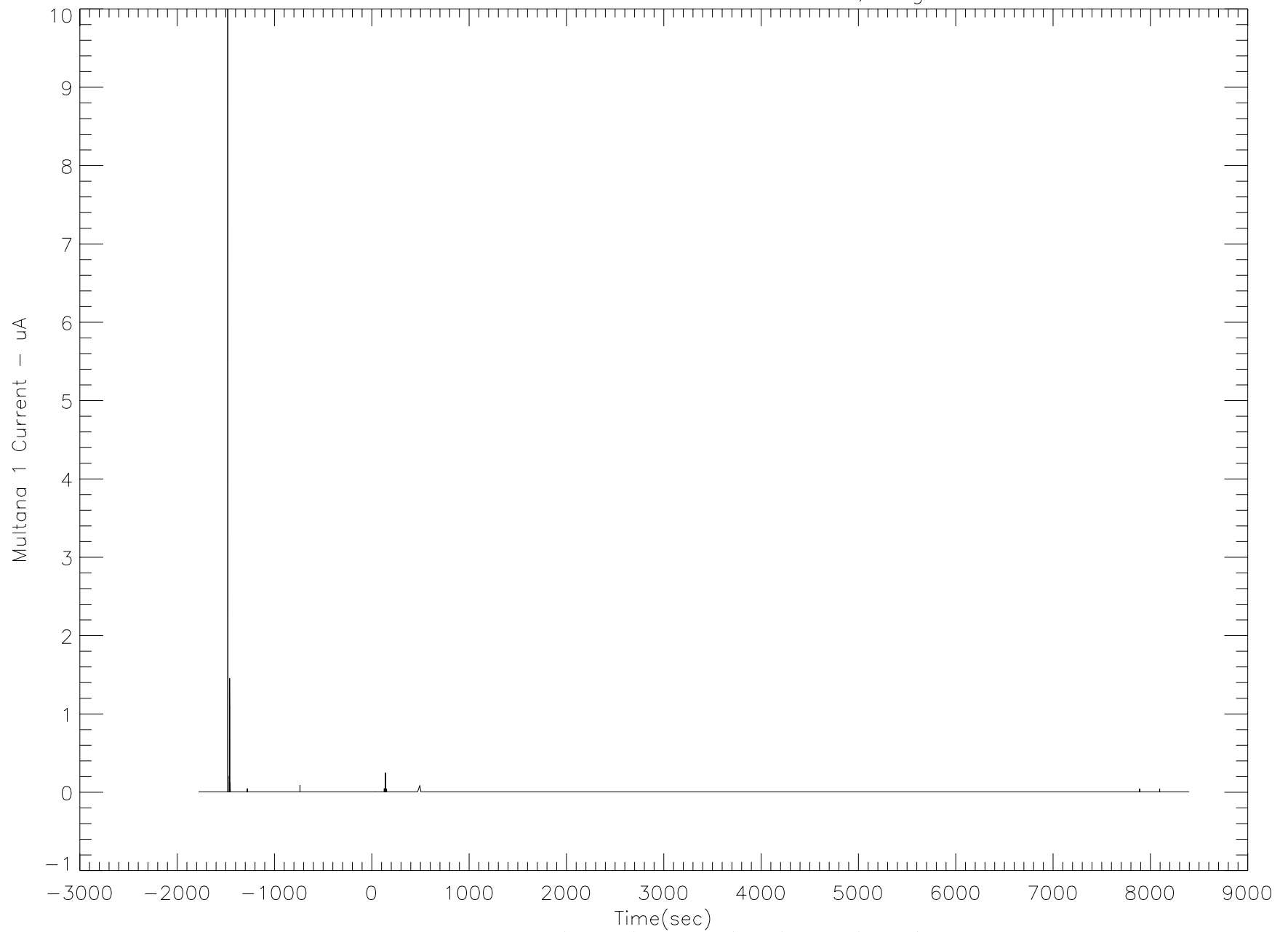
GCMS IdleA Data Value vs. Relative Time, Page 35



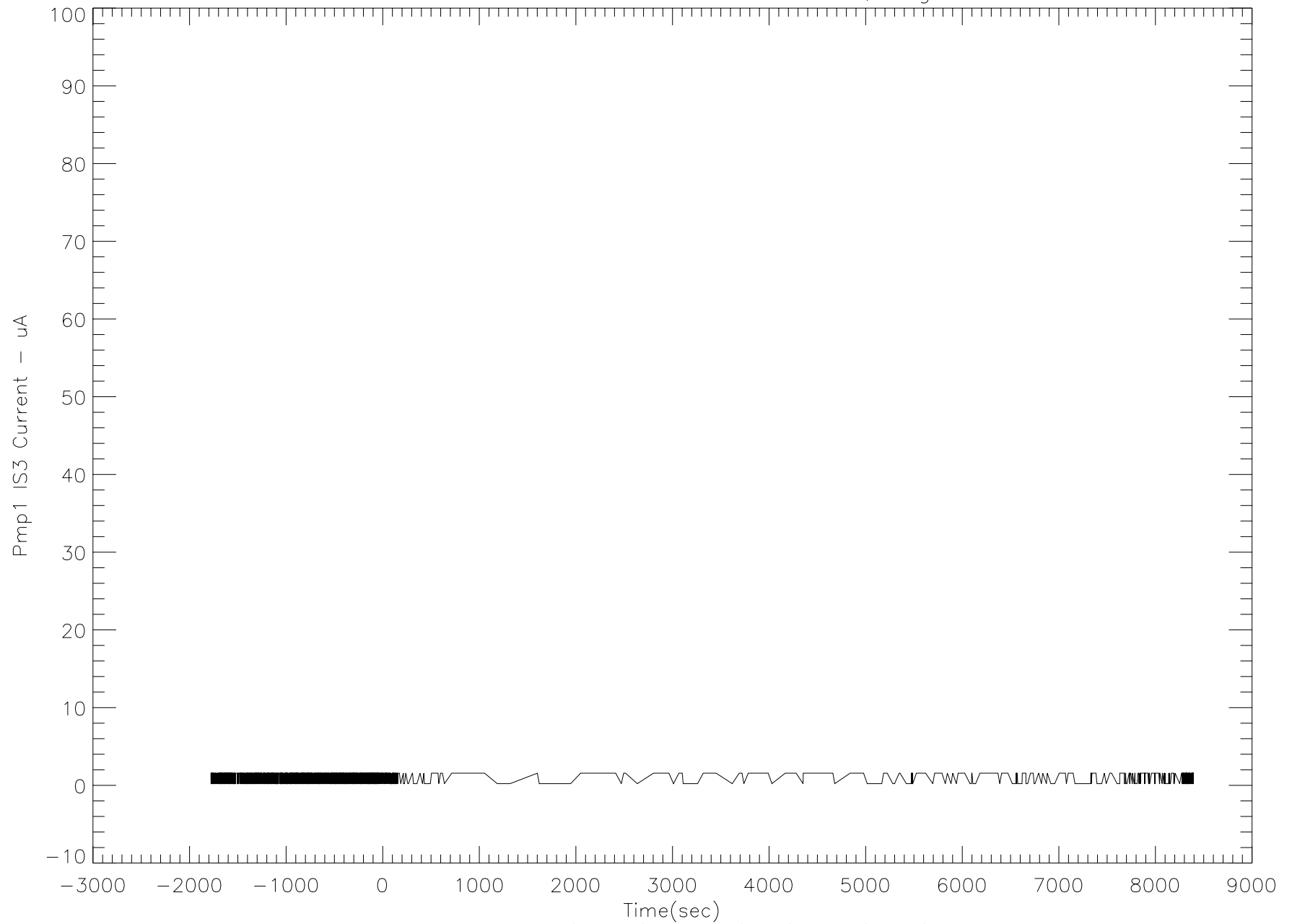
GCMS IdleA Data Value vs. Relative Time, Page 36



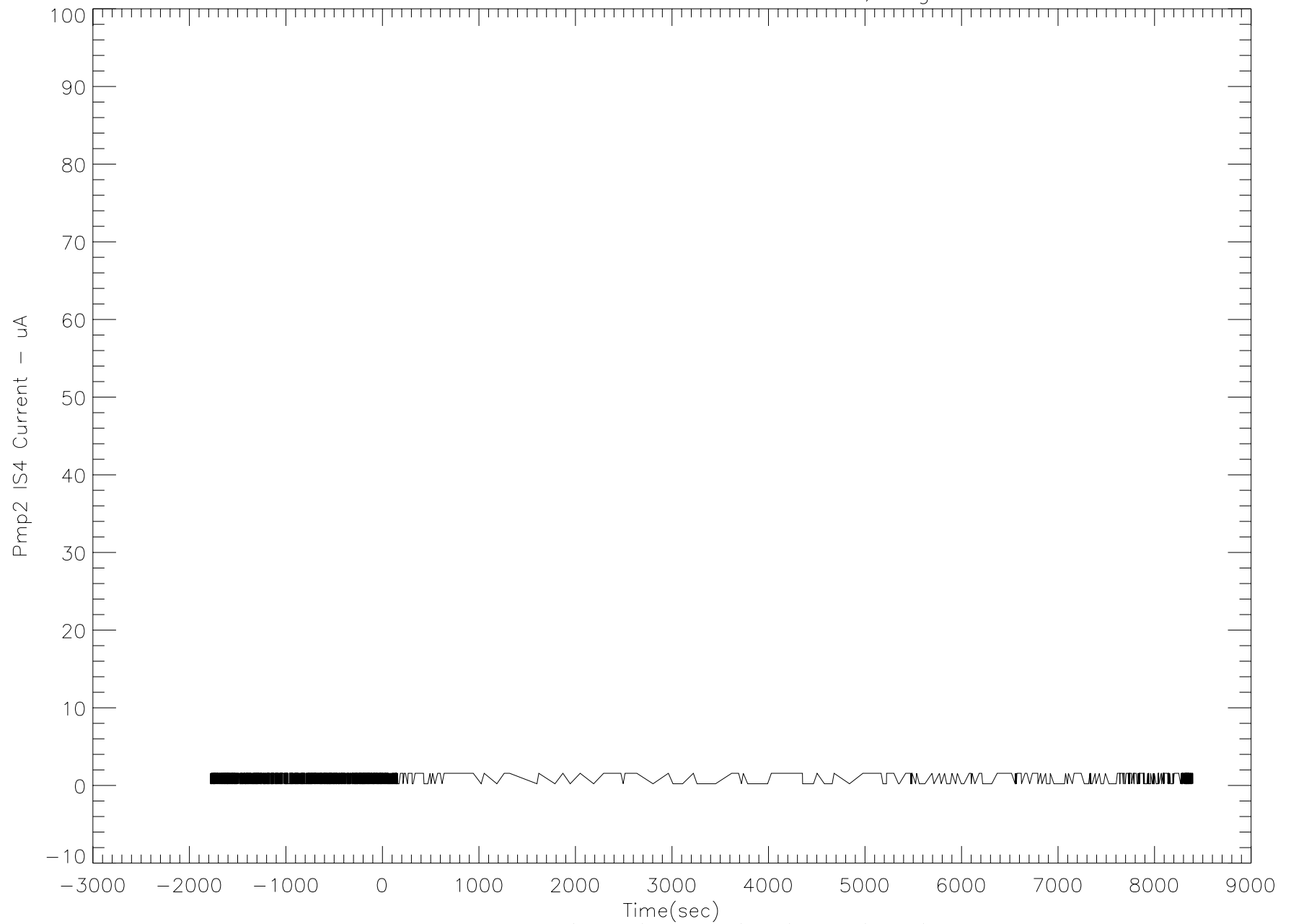
GCMS IdleA Data Value vs. Relative Time, Page 37



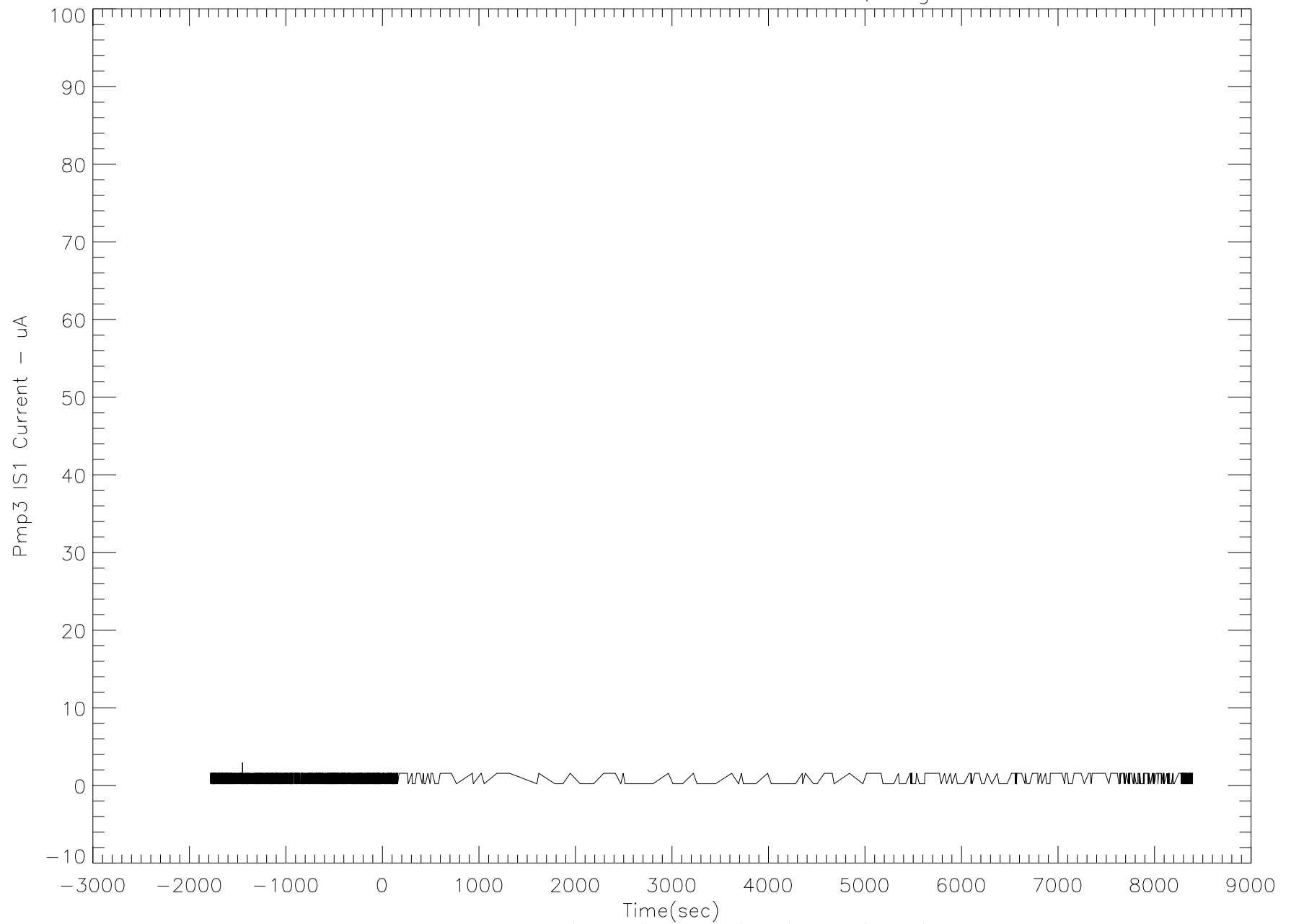
# GCMS IdleA Data Value vs. Relative Time, Page 38



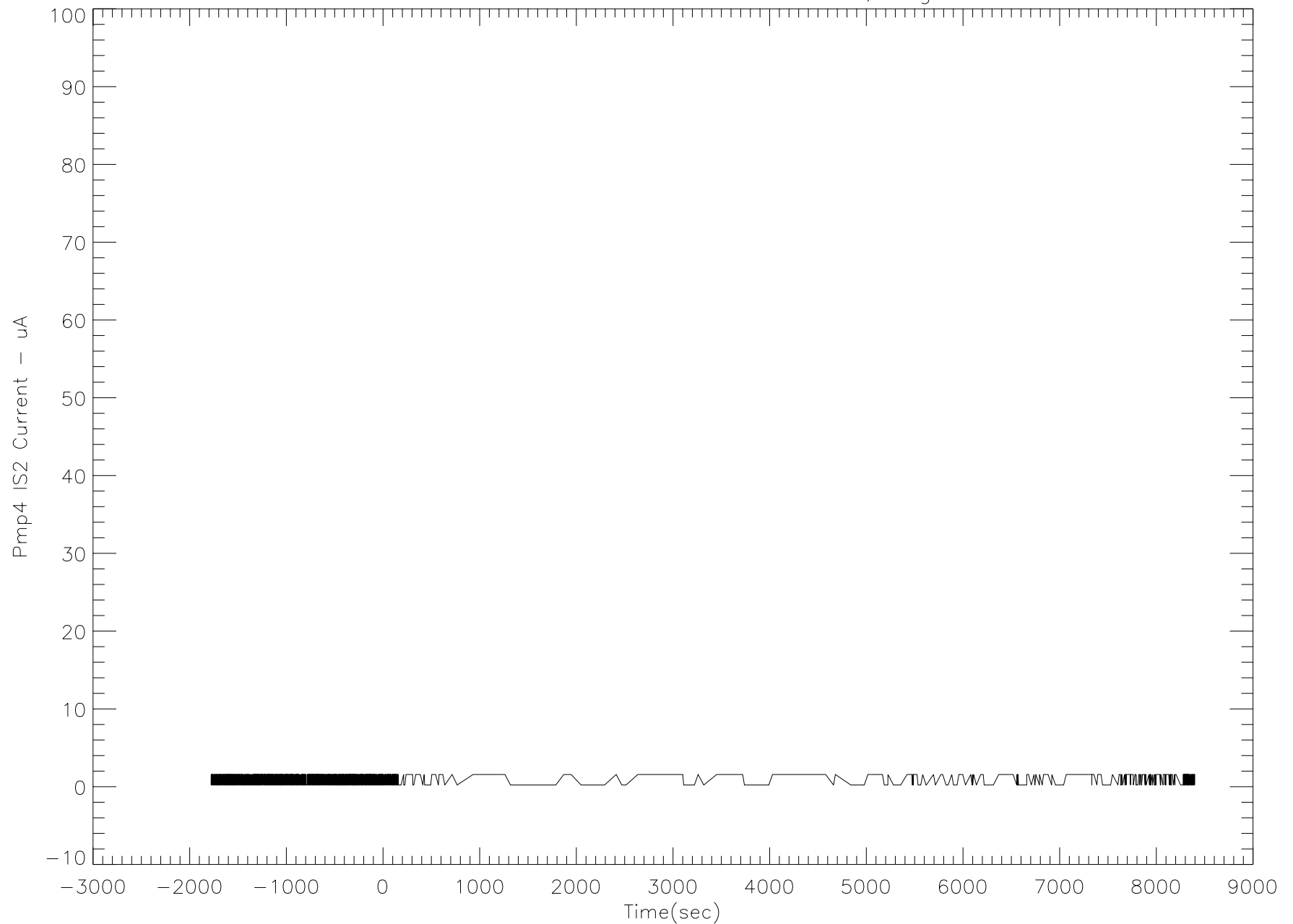
GCMS IdleA Data Value vs. Relative Time, Page 39



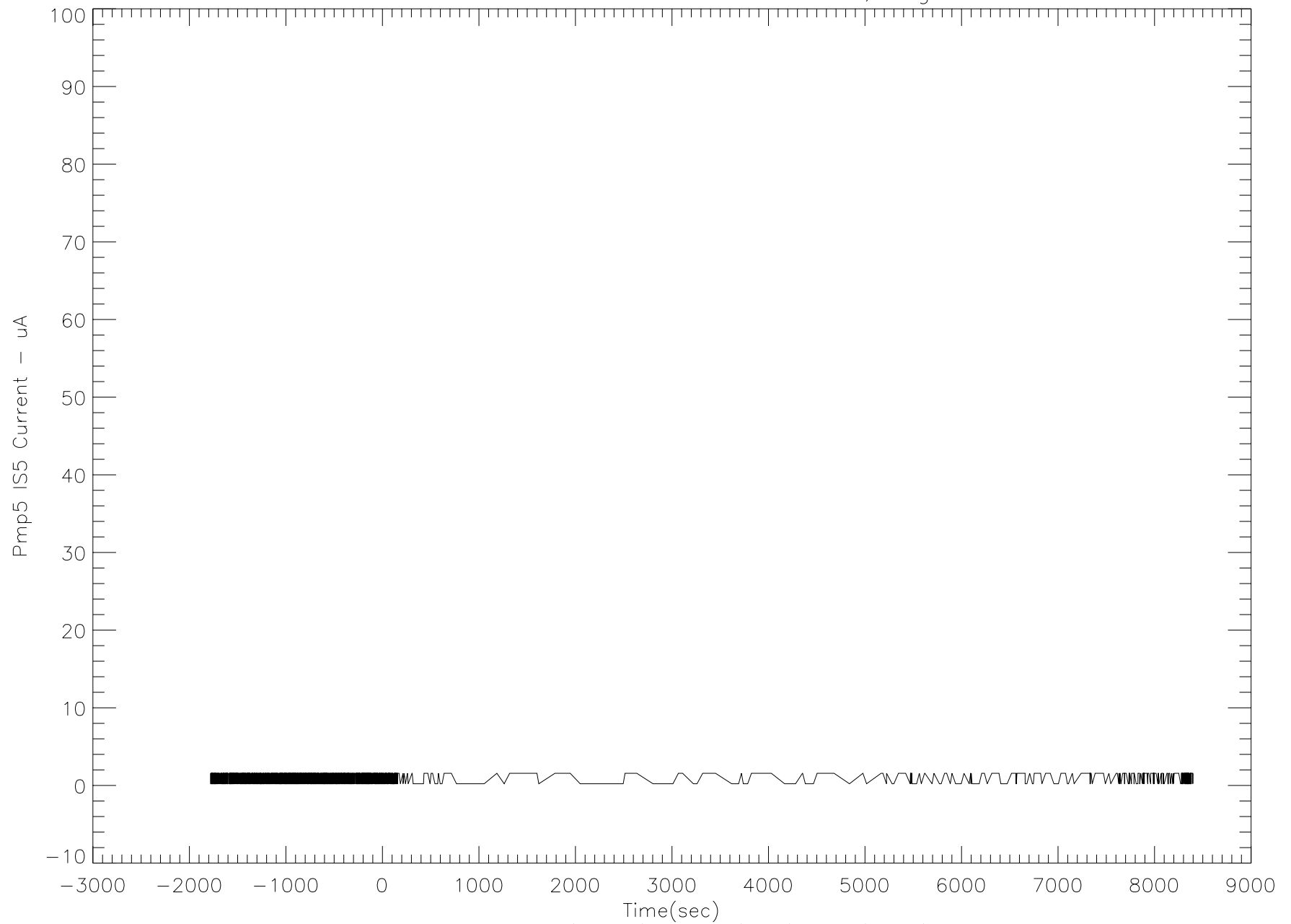
GCMS IdleA Data Value vs. Relative Time, Page 40



GCMS IdleA Data Value vs. Relative Time, Page 41

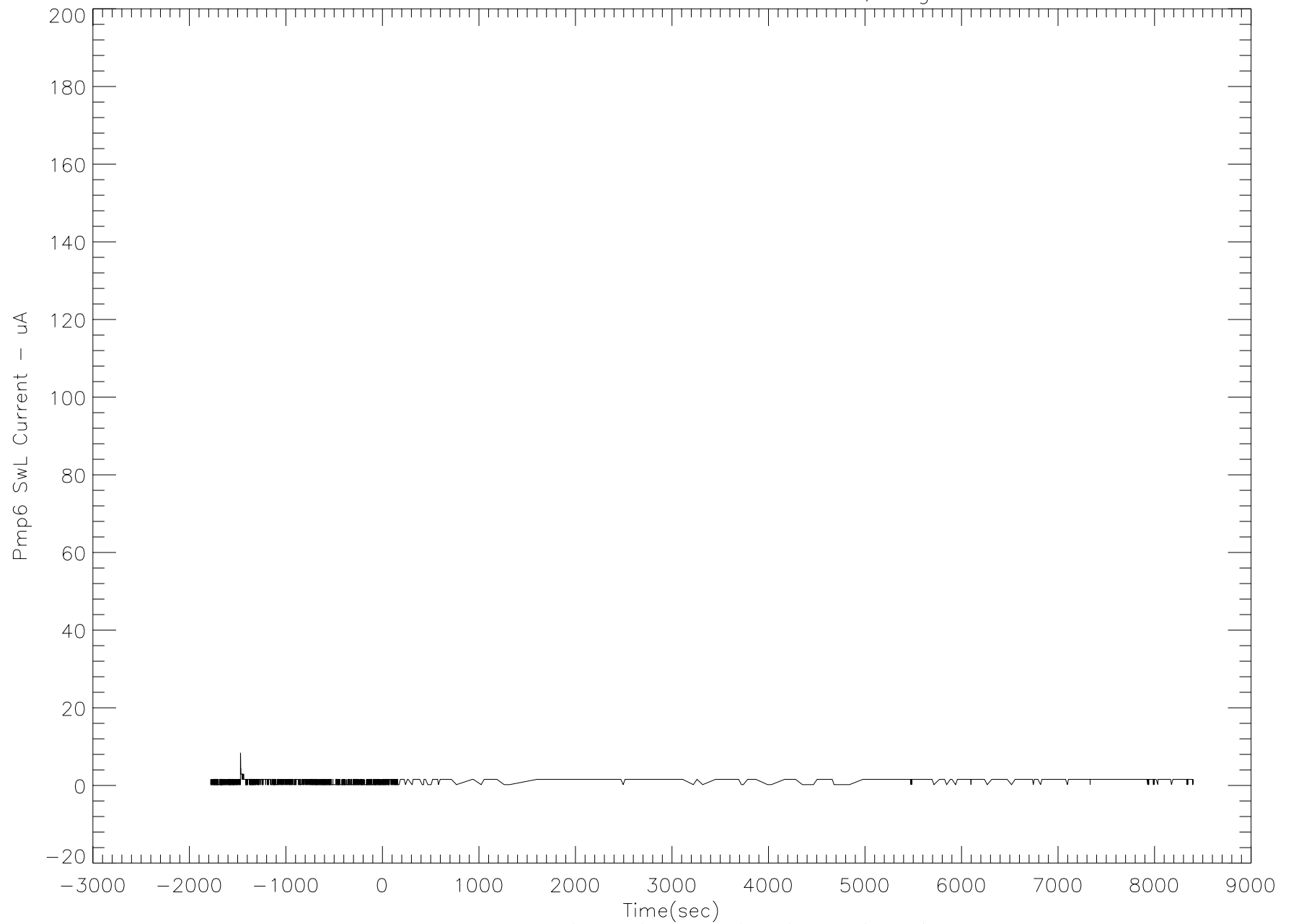


GCMS IdleA Data Value vs. Relative Time, Page 42

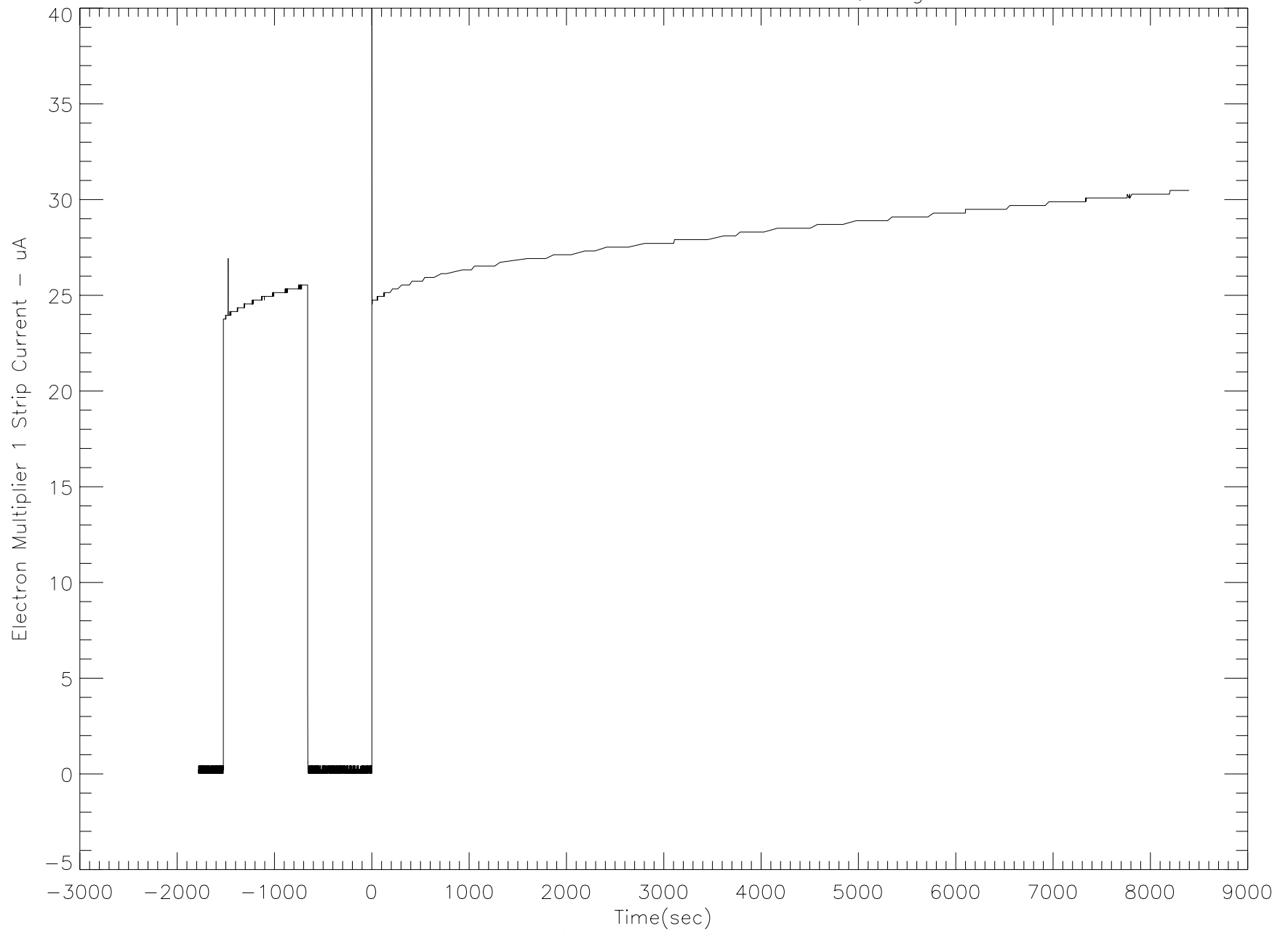




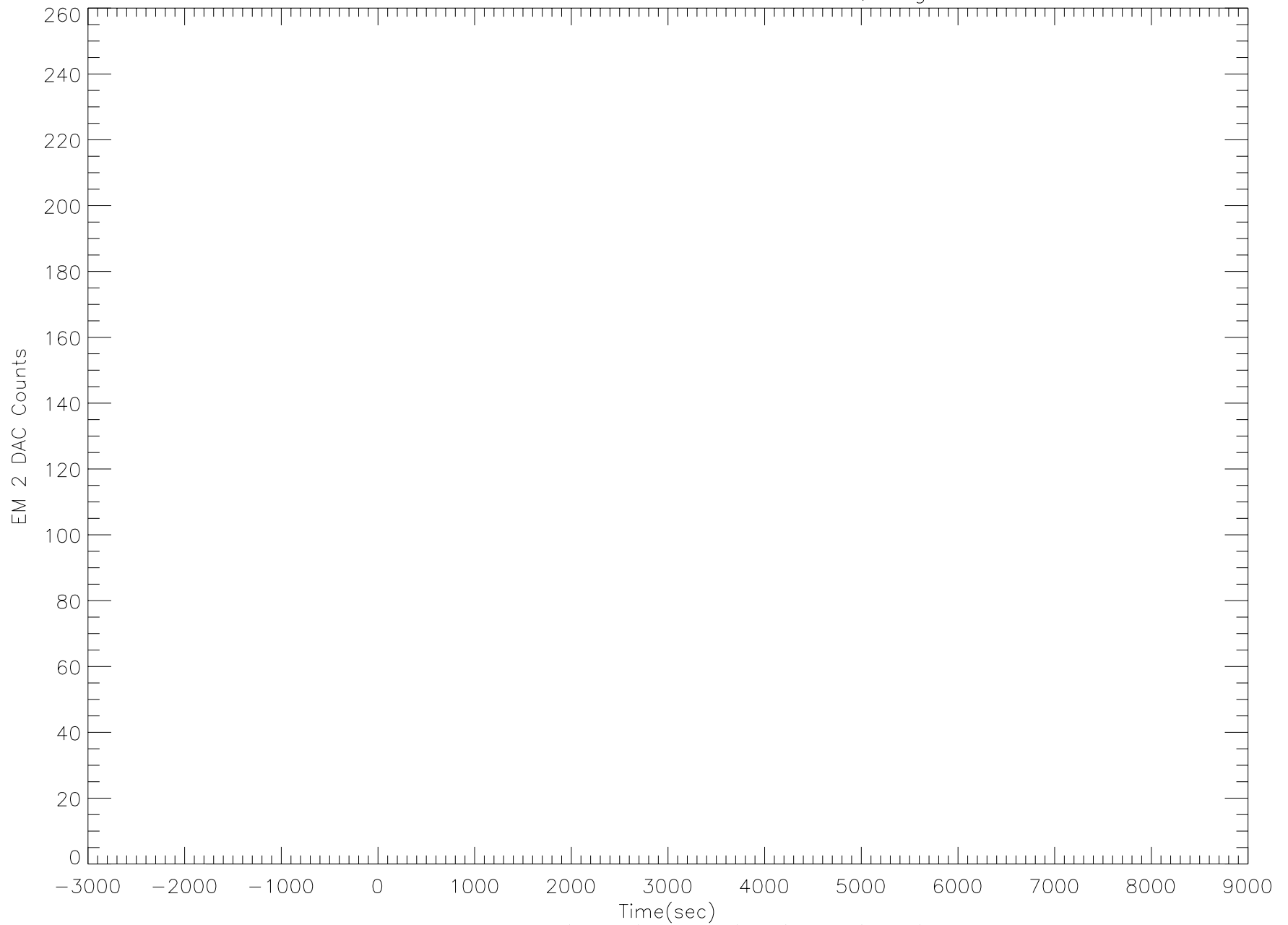
GCMS IdleA Data Value vs. Relative Time, Page 43



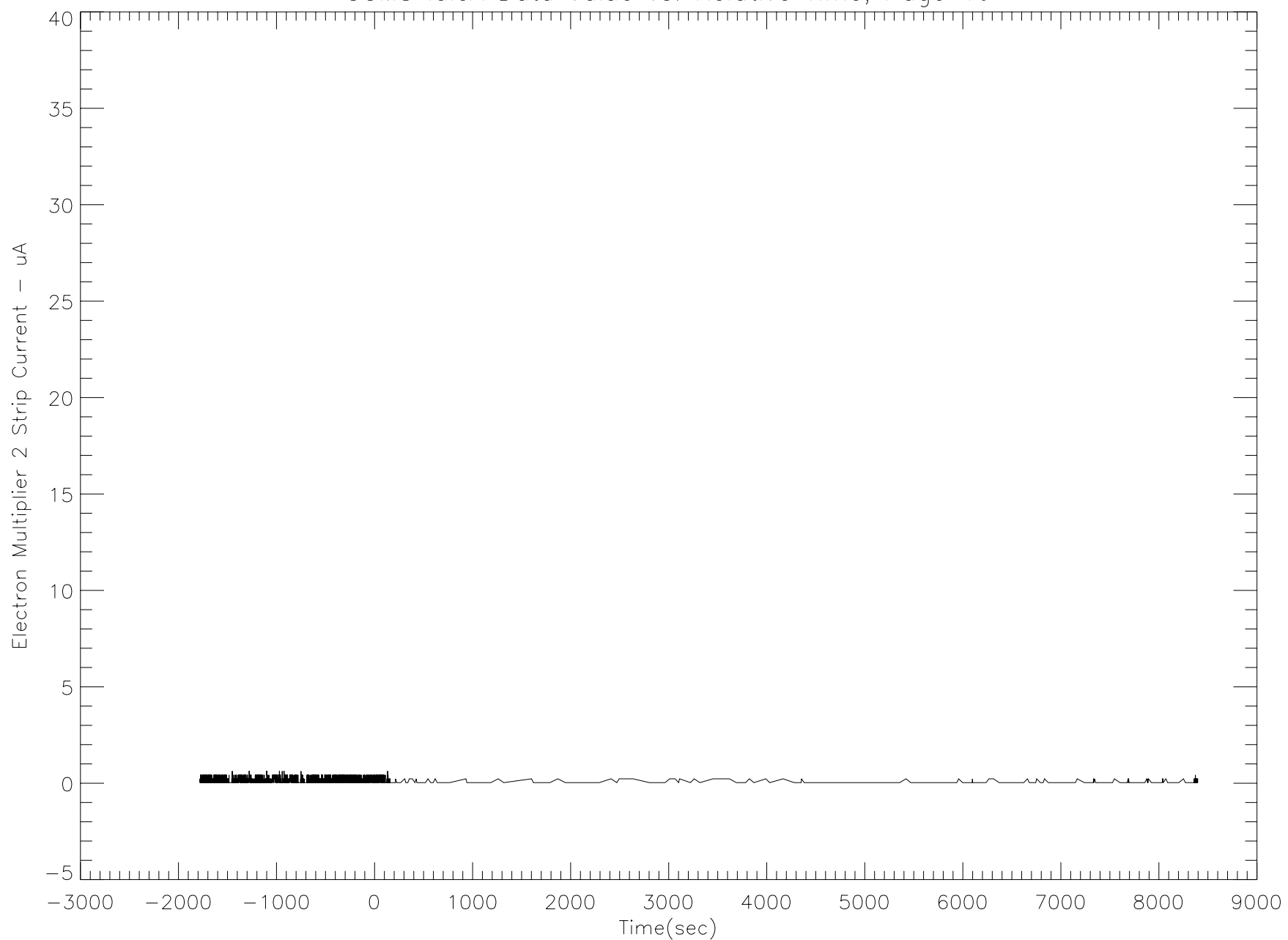
GCMS IdleA Data Value vs. Relative Time, Page 44



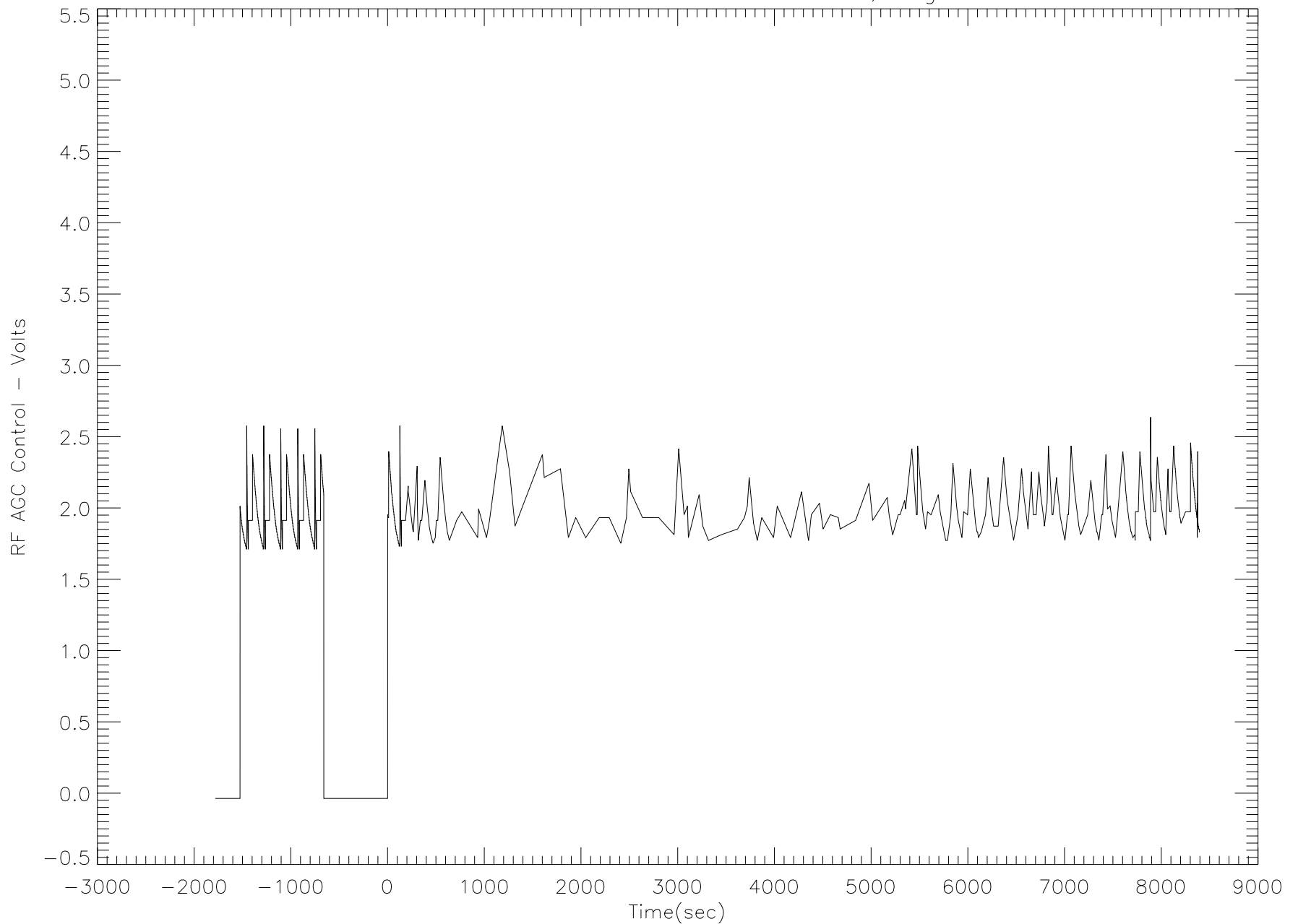
GCMS IdleA Data Value vs. Relative Time, Page 45



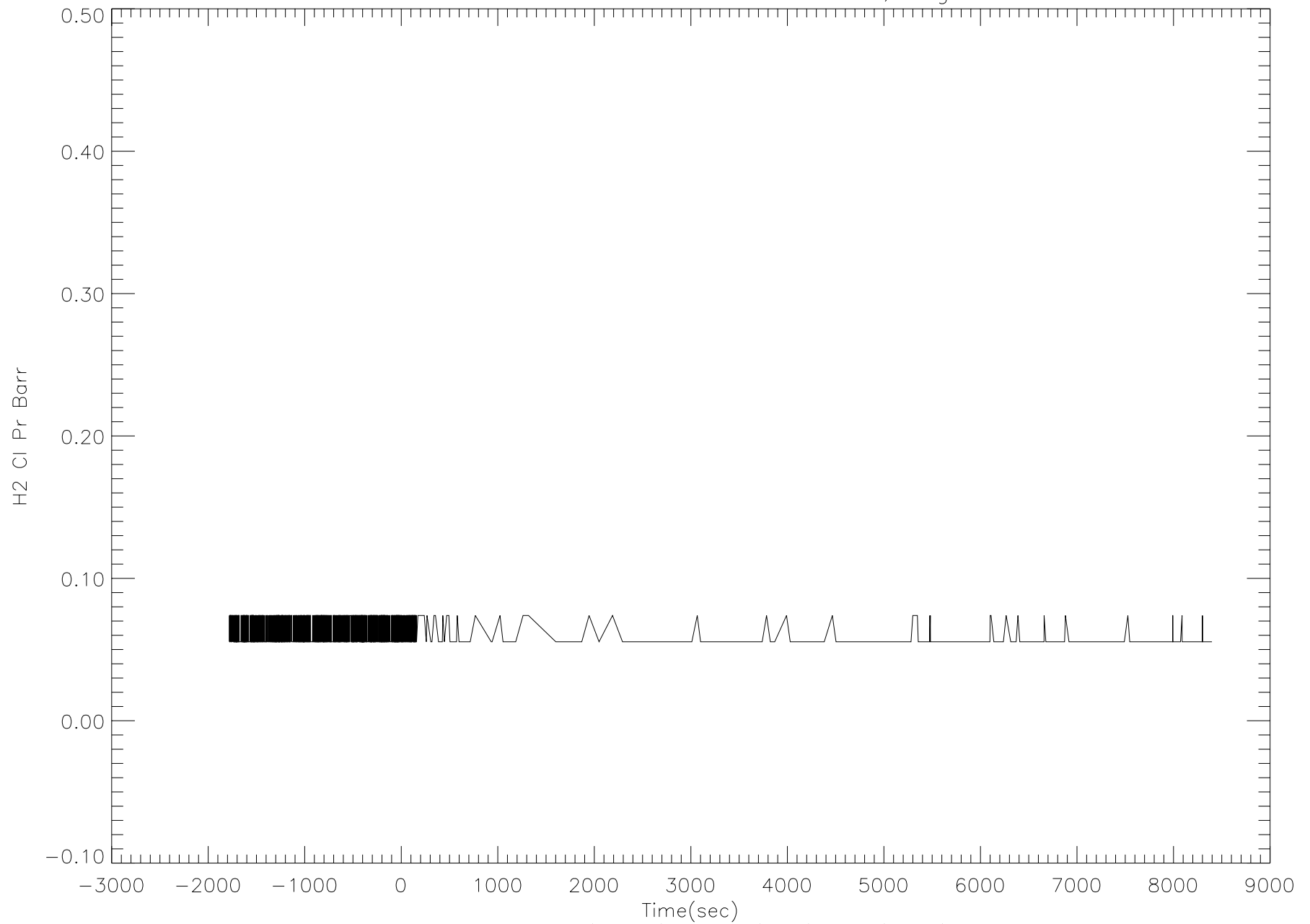
GCMS IdleA Data Value vs. Relative Time, Page 46



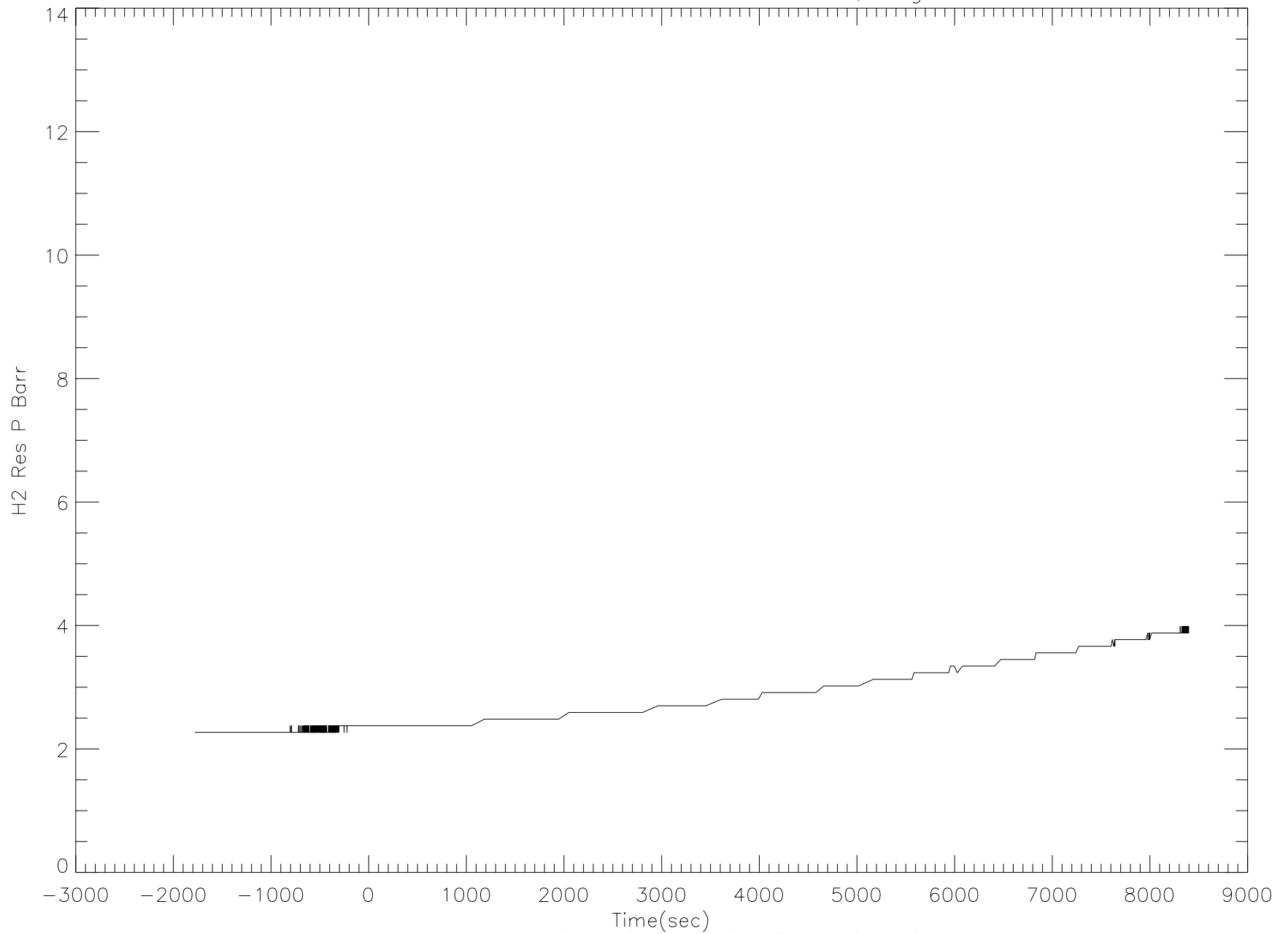
# GCMS IdleA Data Value vs. Relative Time, Page 47



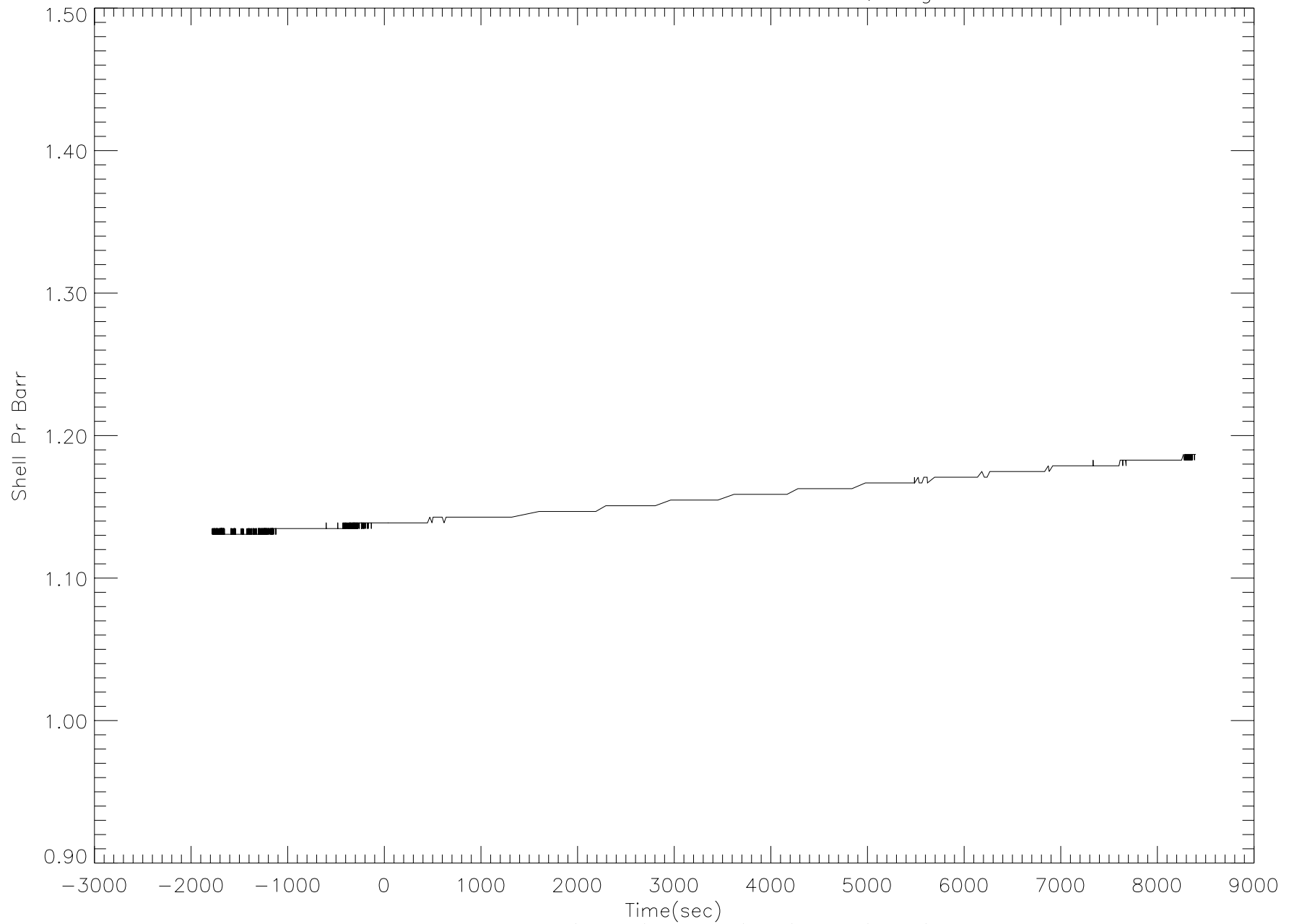
GCMS IdleA Data Value vs. Relative Time, Page 48



# GCMS IdleA Data Value vs. Relative Time, Page 49

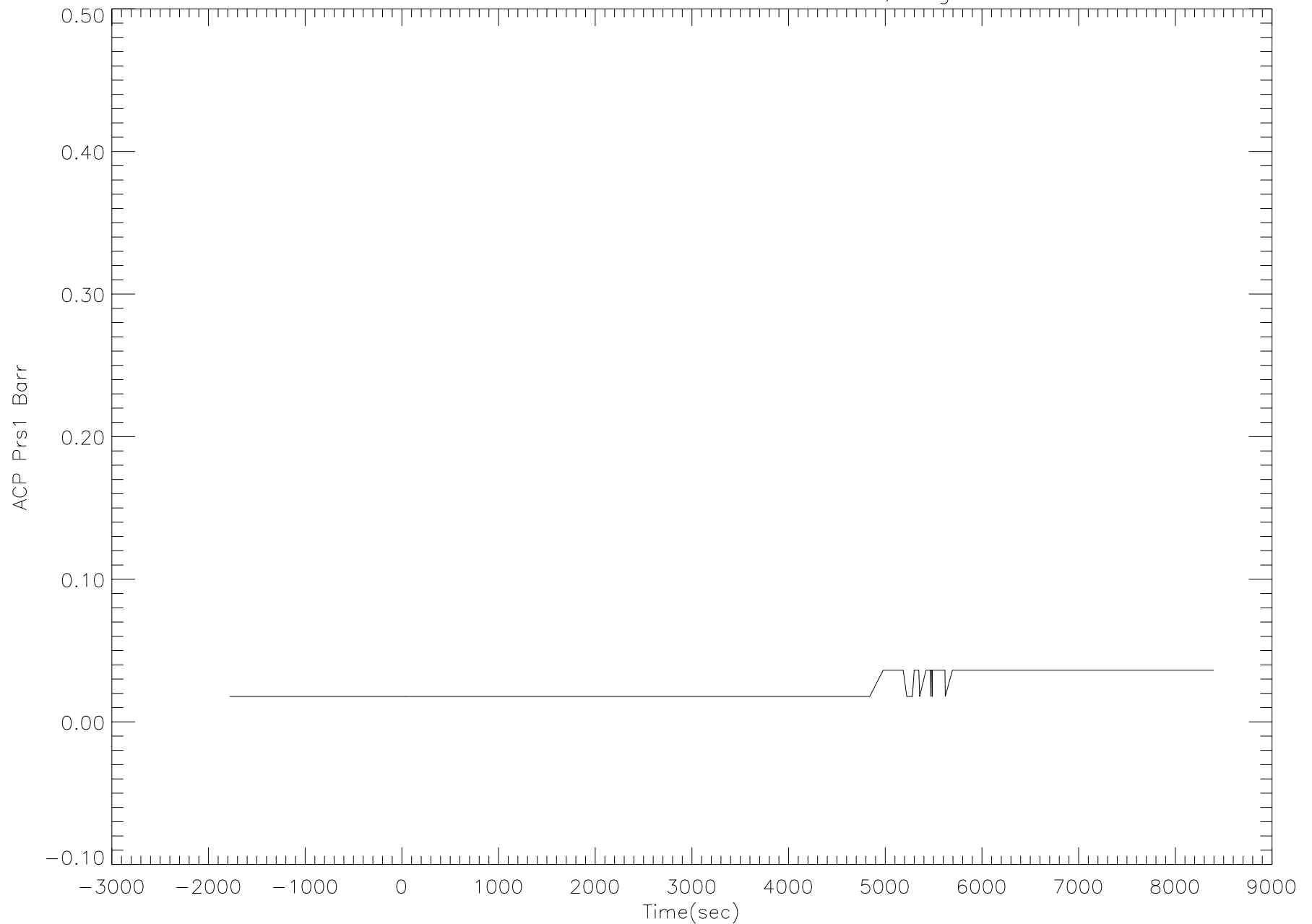


GCMS IdleA Data Value vs. Relative Time, Page 50

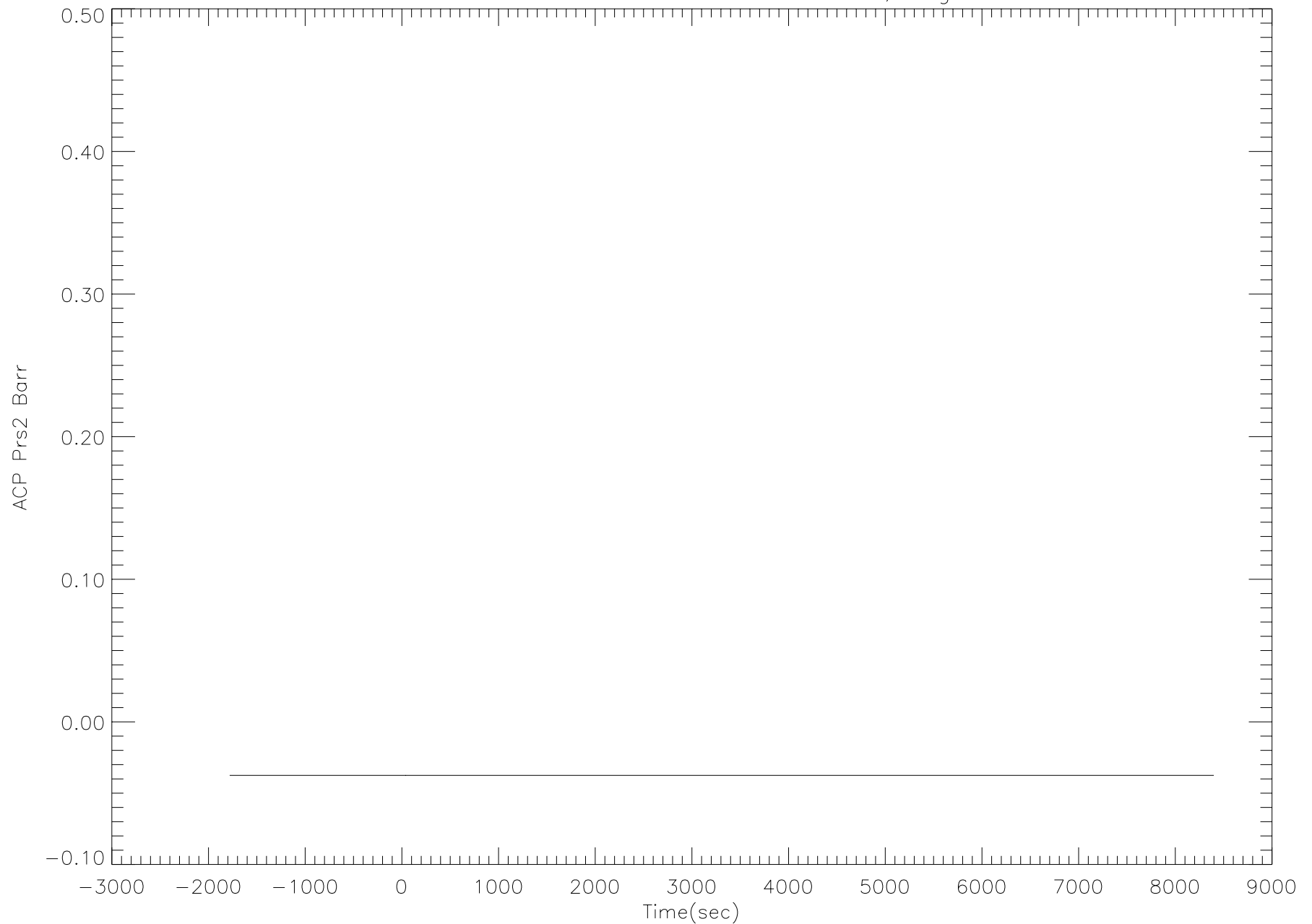




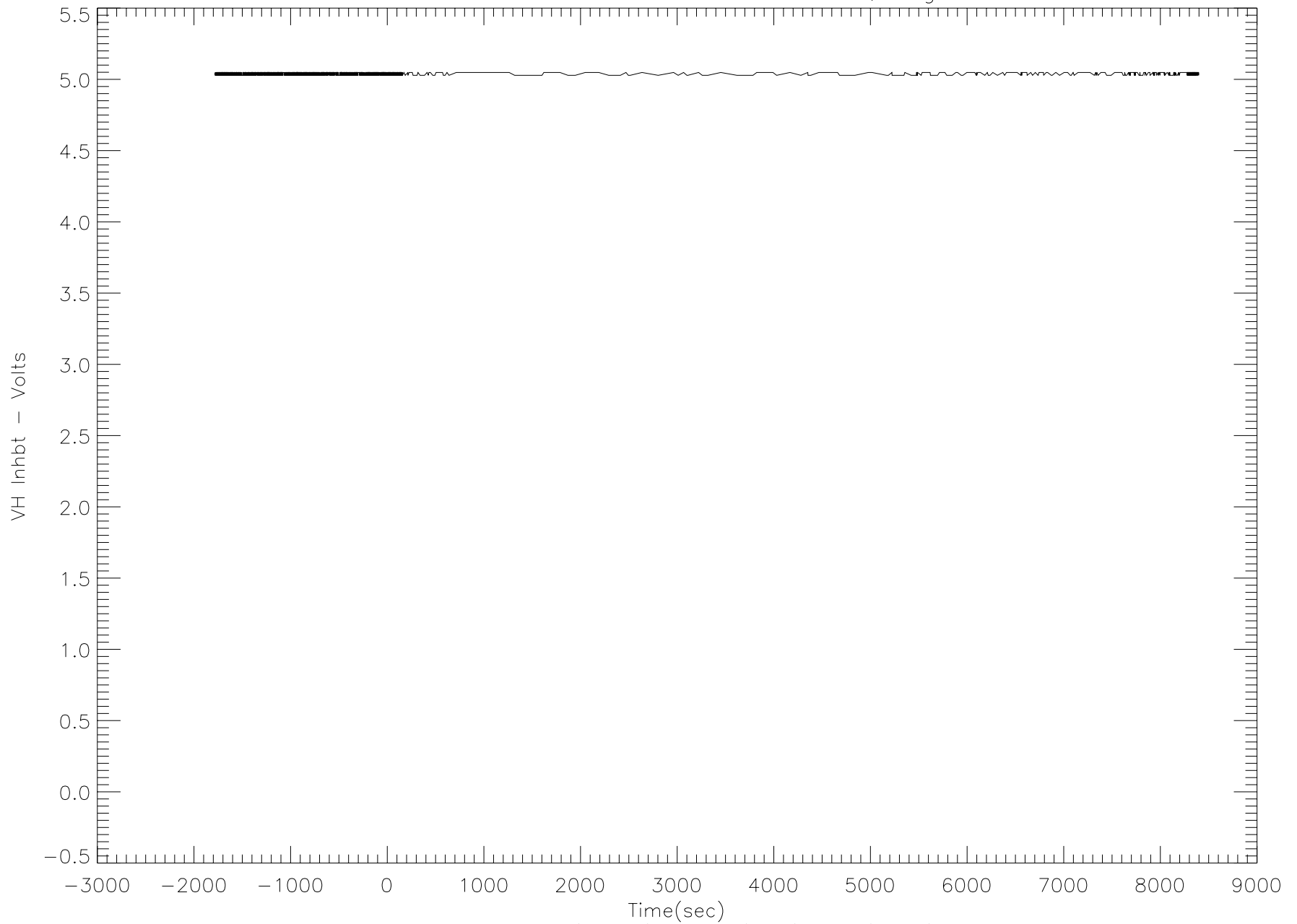
GCMS IdleA Data Value vs. Relative Time, Page 51



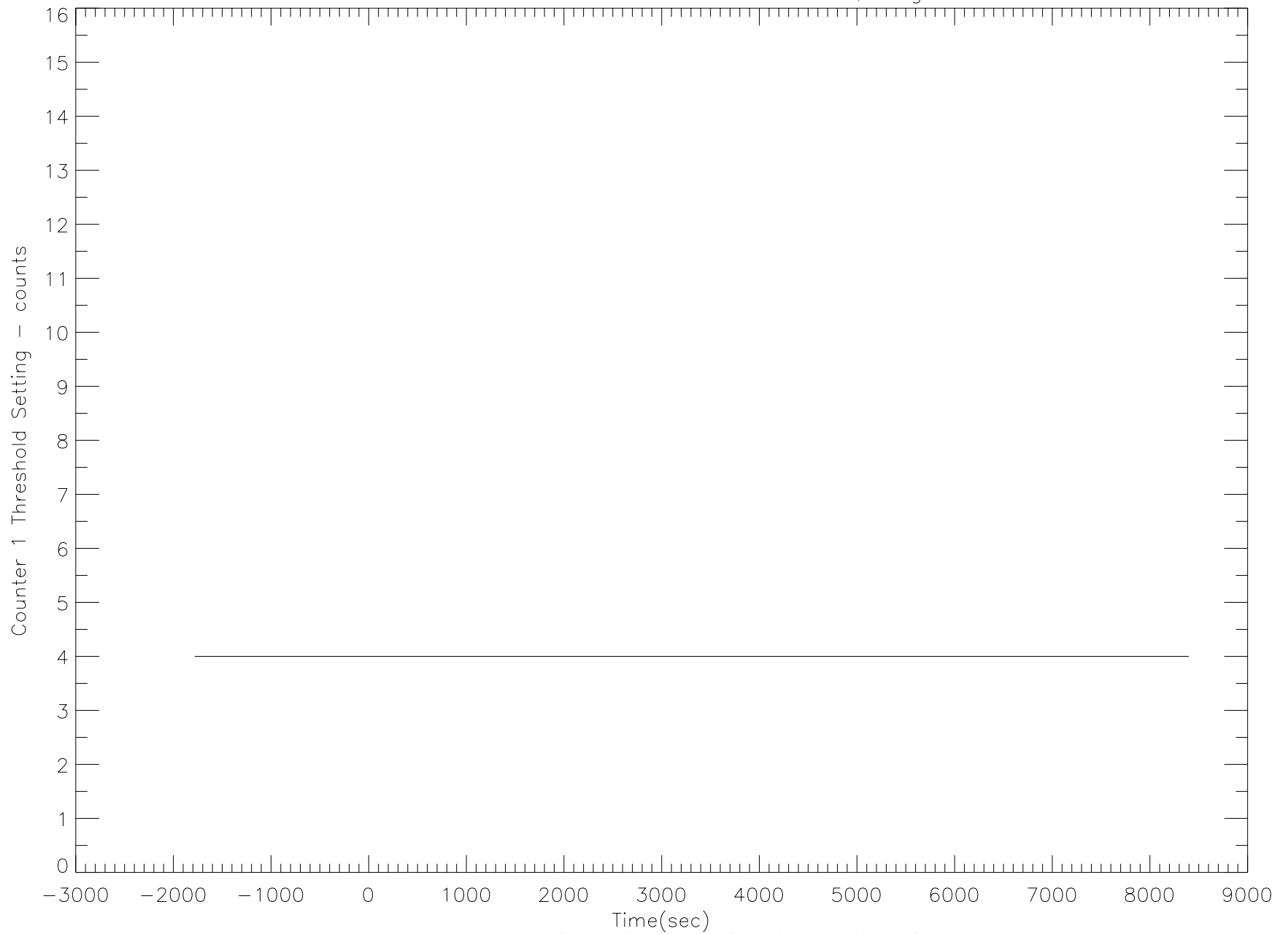
GCMS IdleA Data Value vs. Relative Time, Page 52



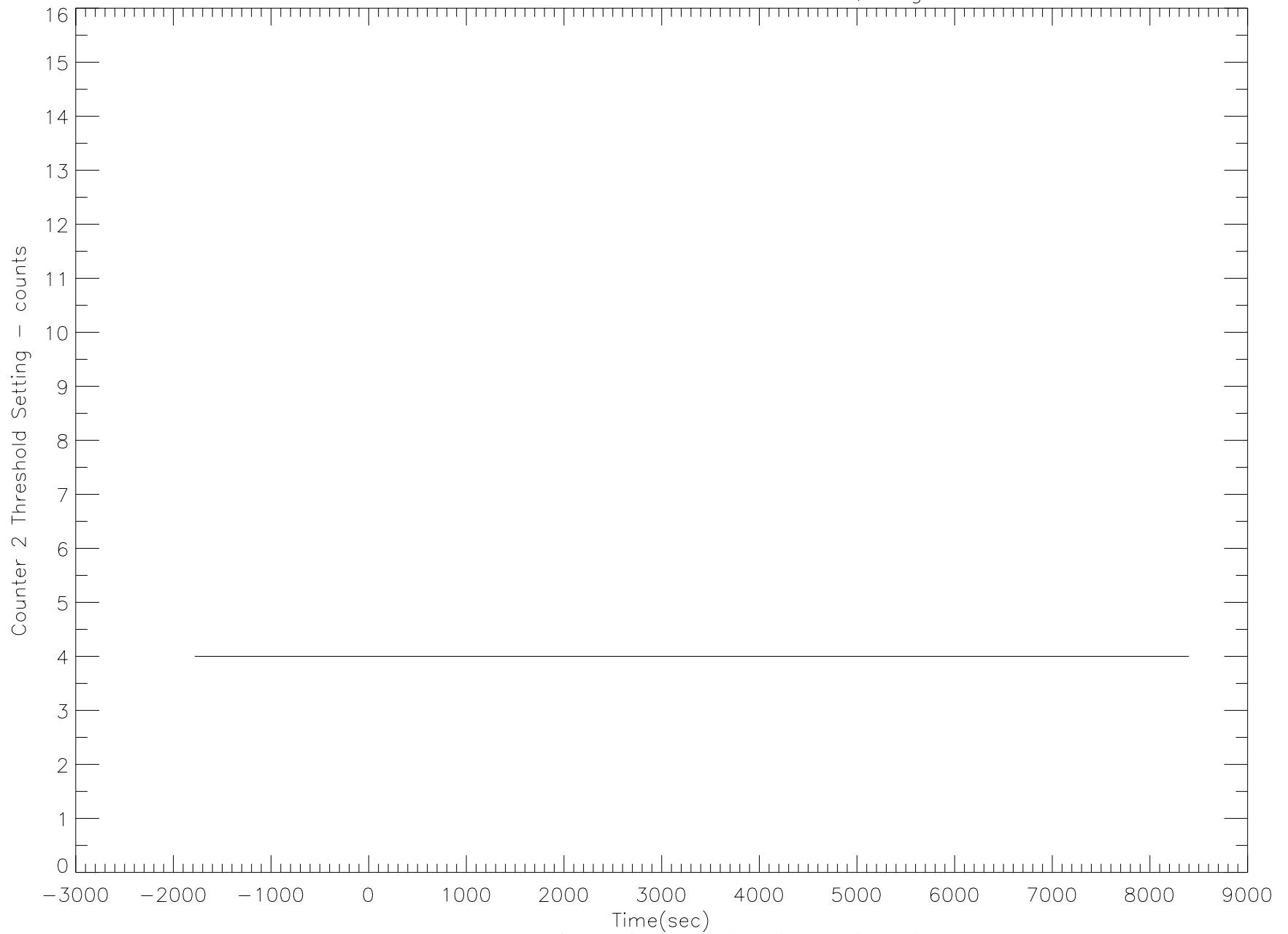
GCMS IdleA Data Value vs. Relative Time, Page 53



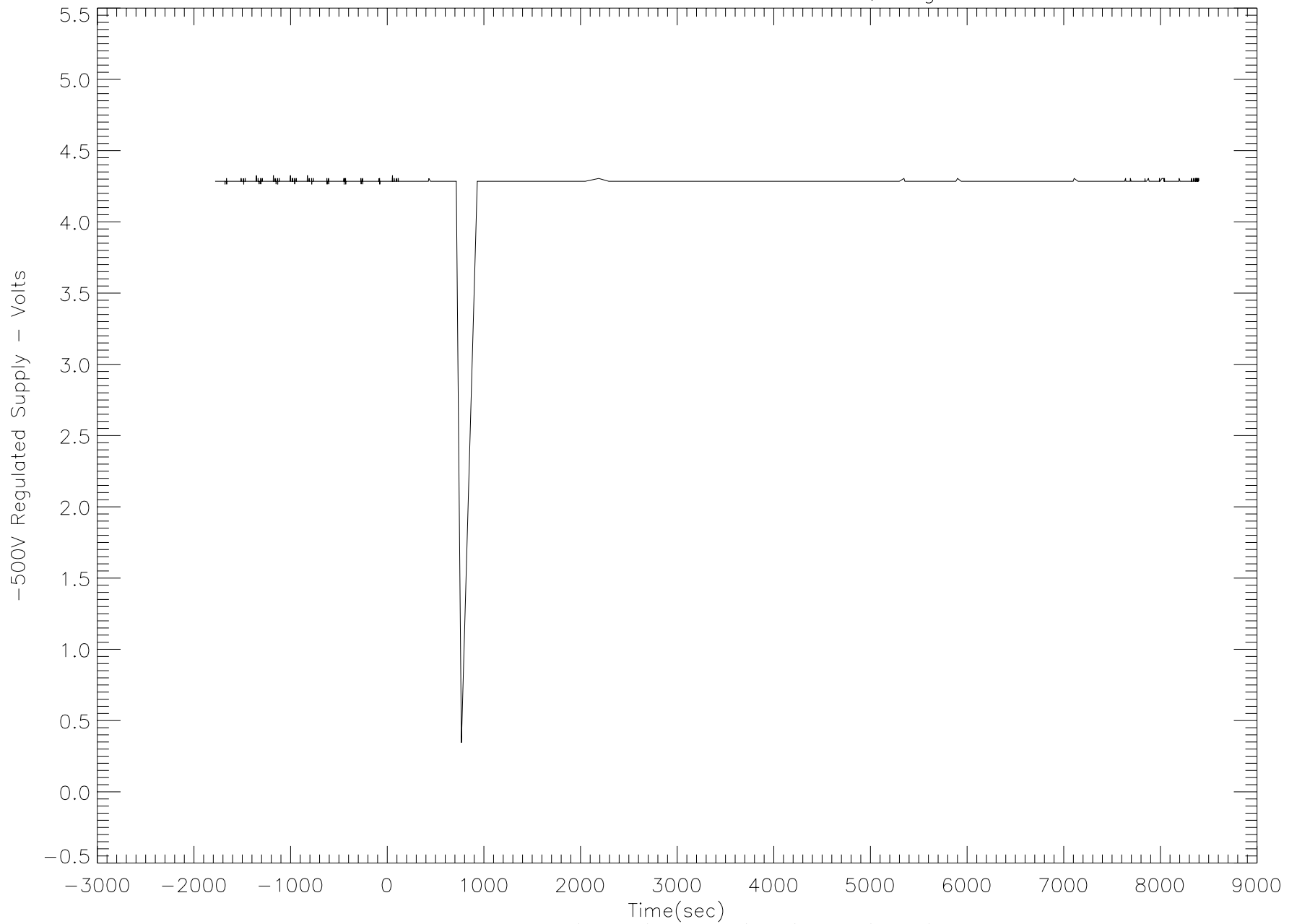
GCMS IdleA Data Value vs. Relative Time, Page 54



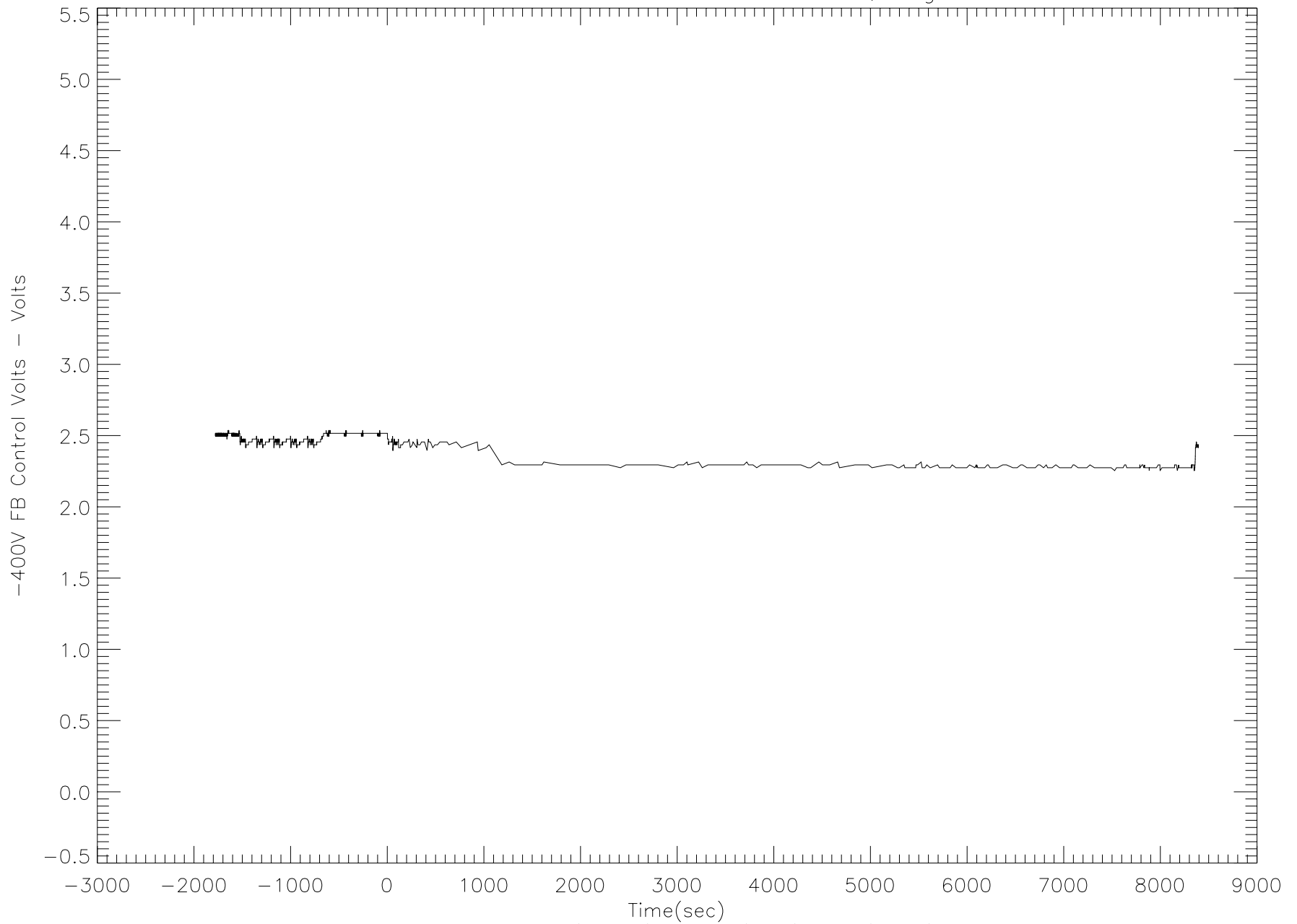
GCMS IdleA Data Value vs. Relative Time, Page 55



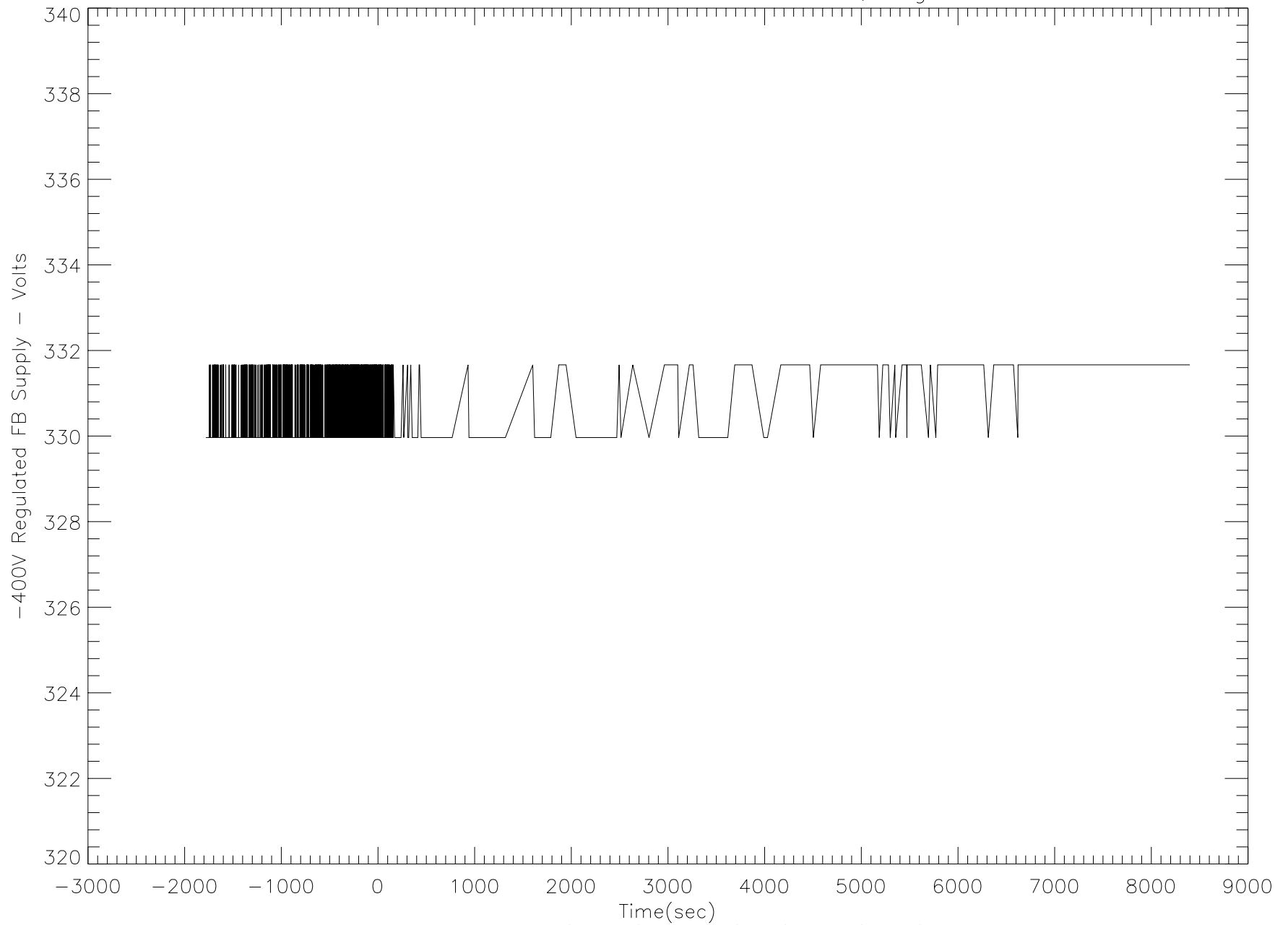
GCMS IdleA Data Value vs. Relative Time, Page 56



# GCMS IdleA Data Value vs. Relative Time, Page 57

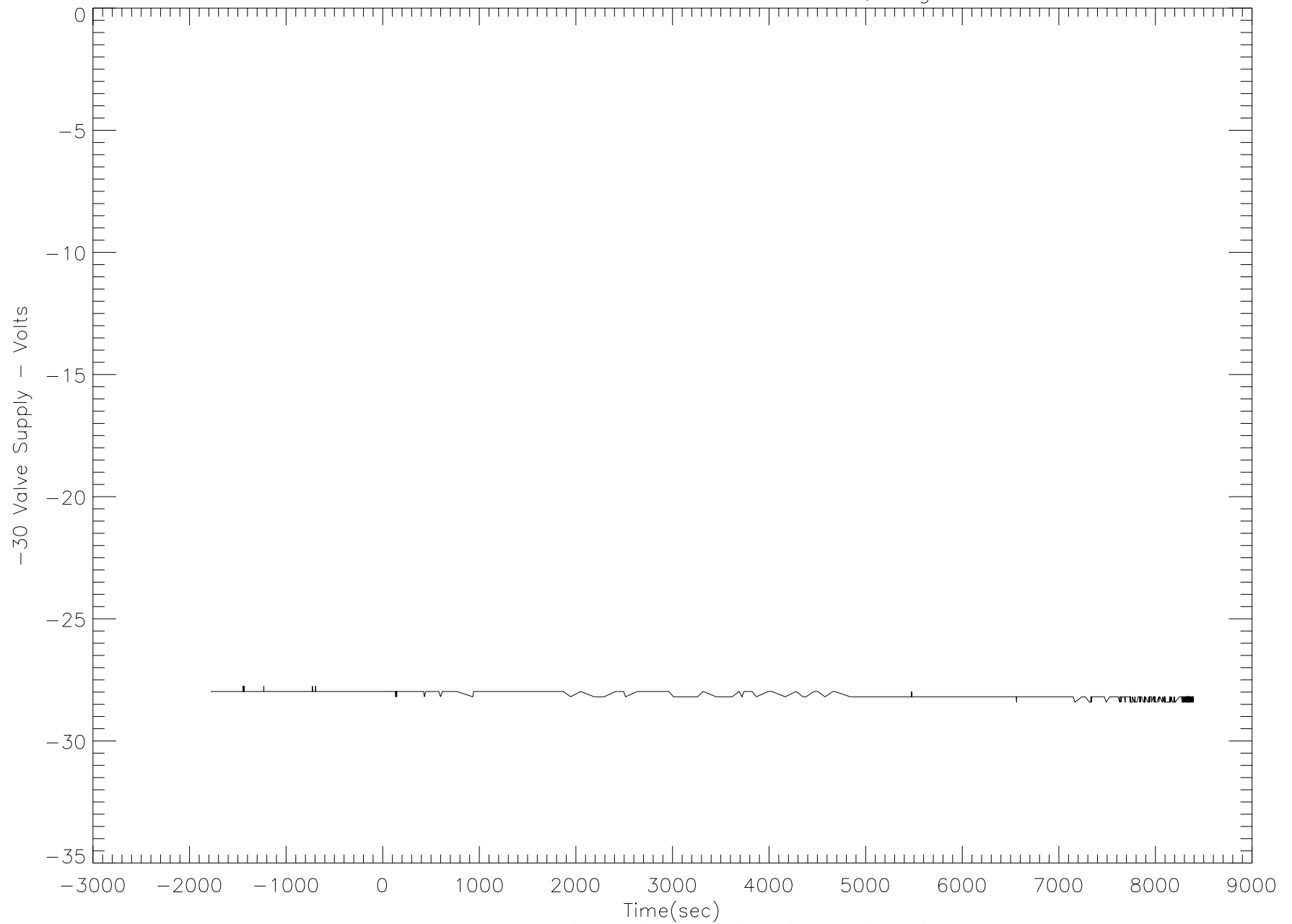


# GCMS IdleA Data Value vs. Relative Time, Page 58

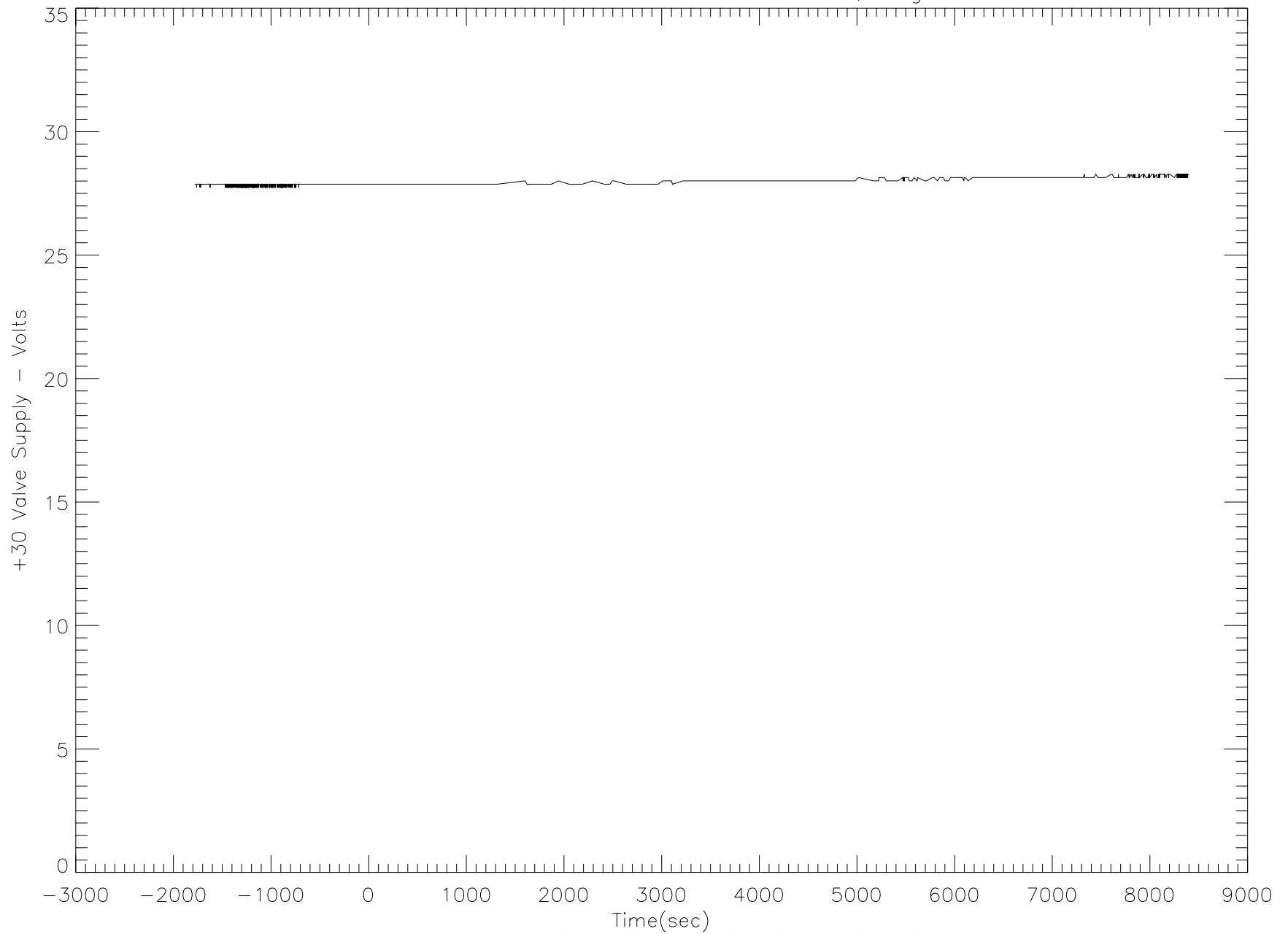




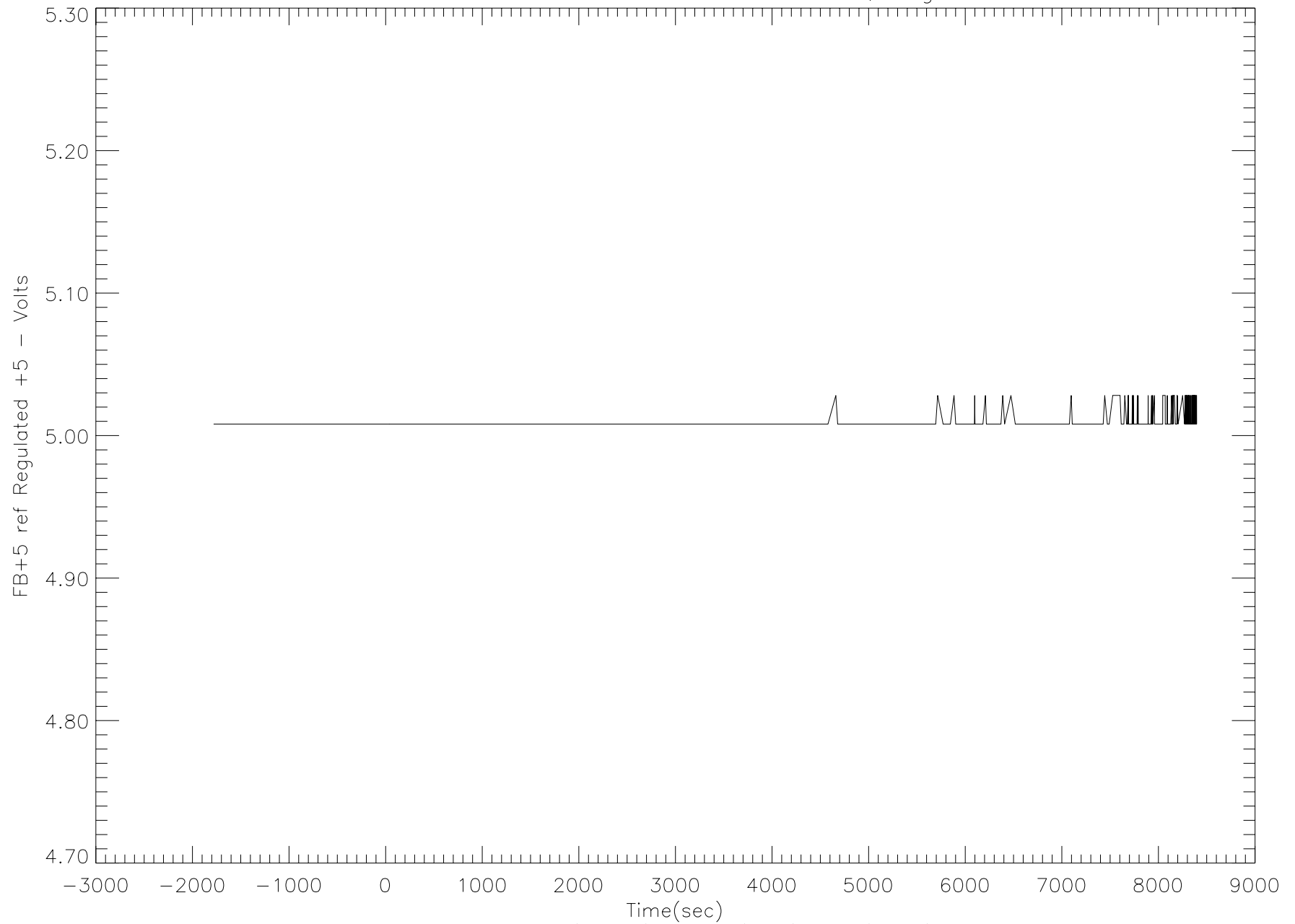
GCMS IdleA Data Value vs. Relative Time, Page 59



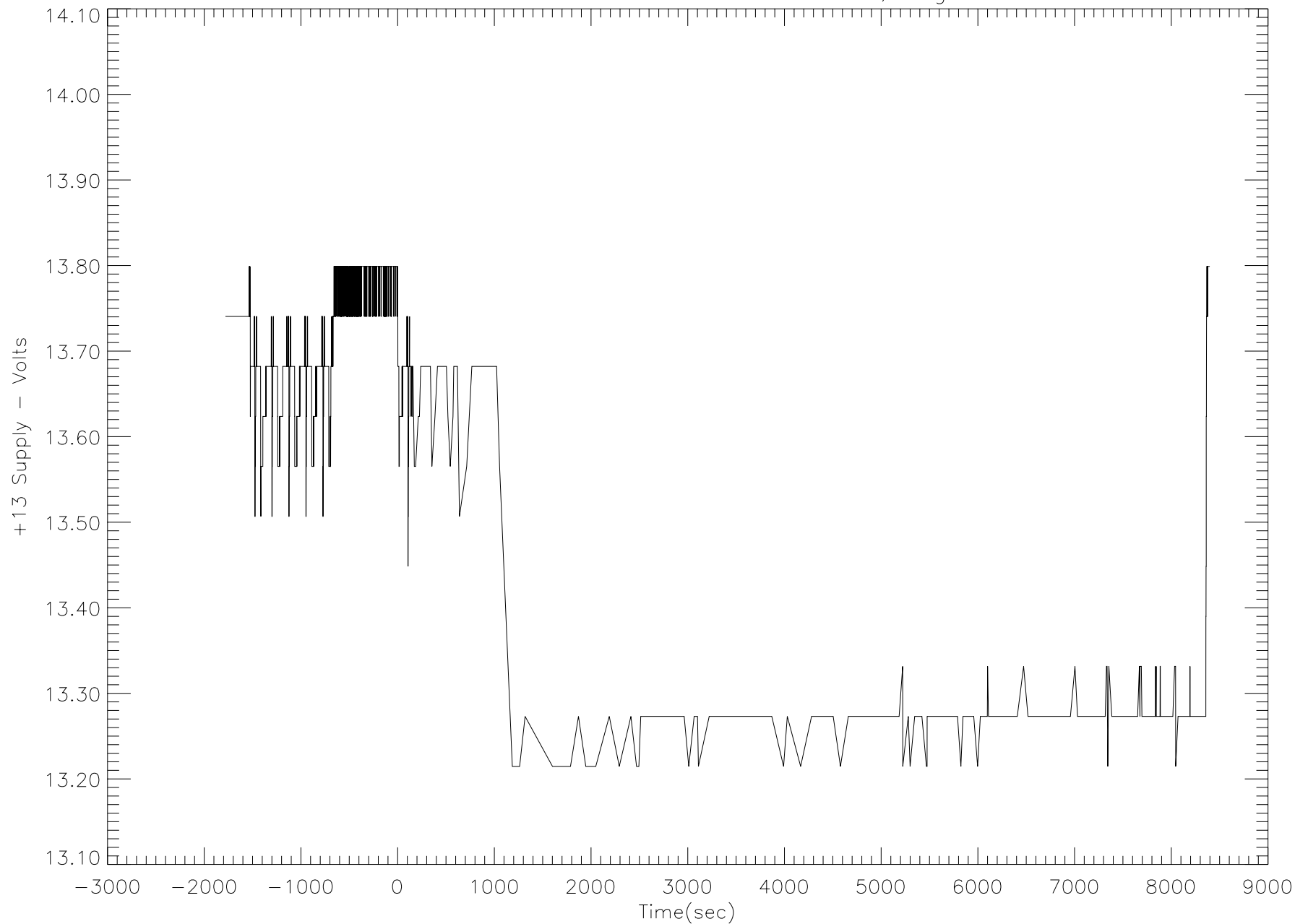
GCMS IdleA Data Value vs. Relative Time, Page 60



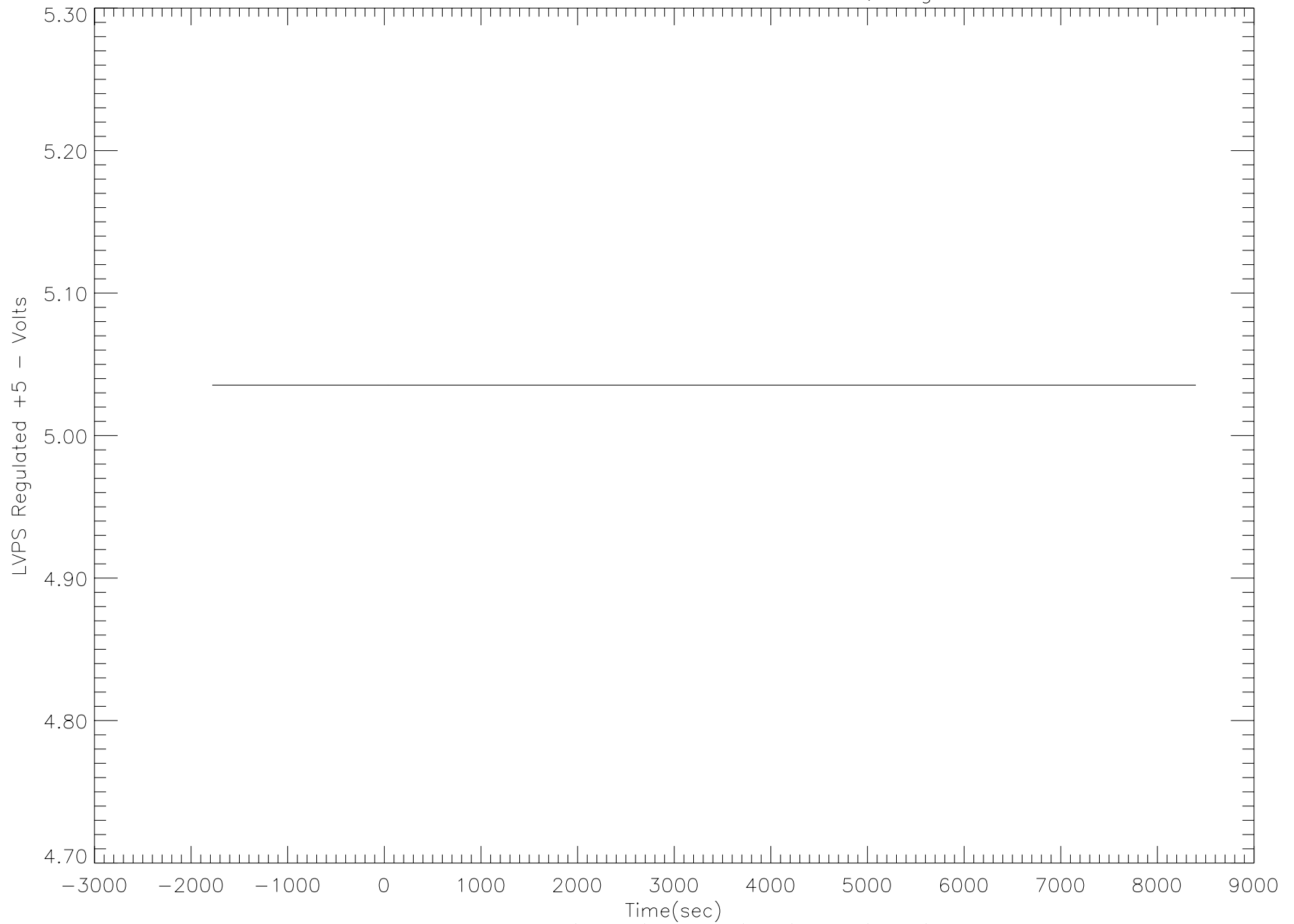
# GCMS IdleA Data Value vs. Relative Time, Page 61



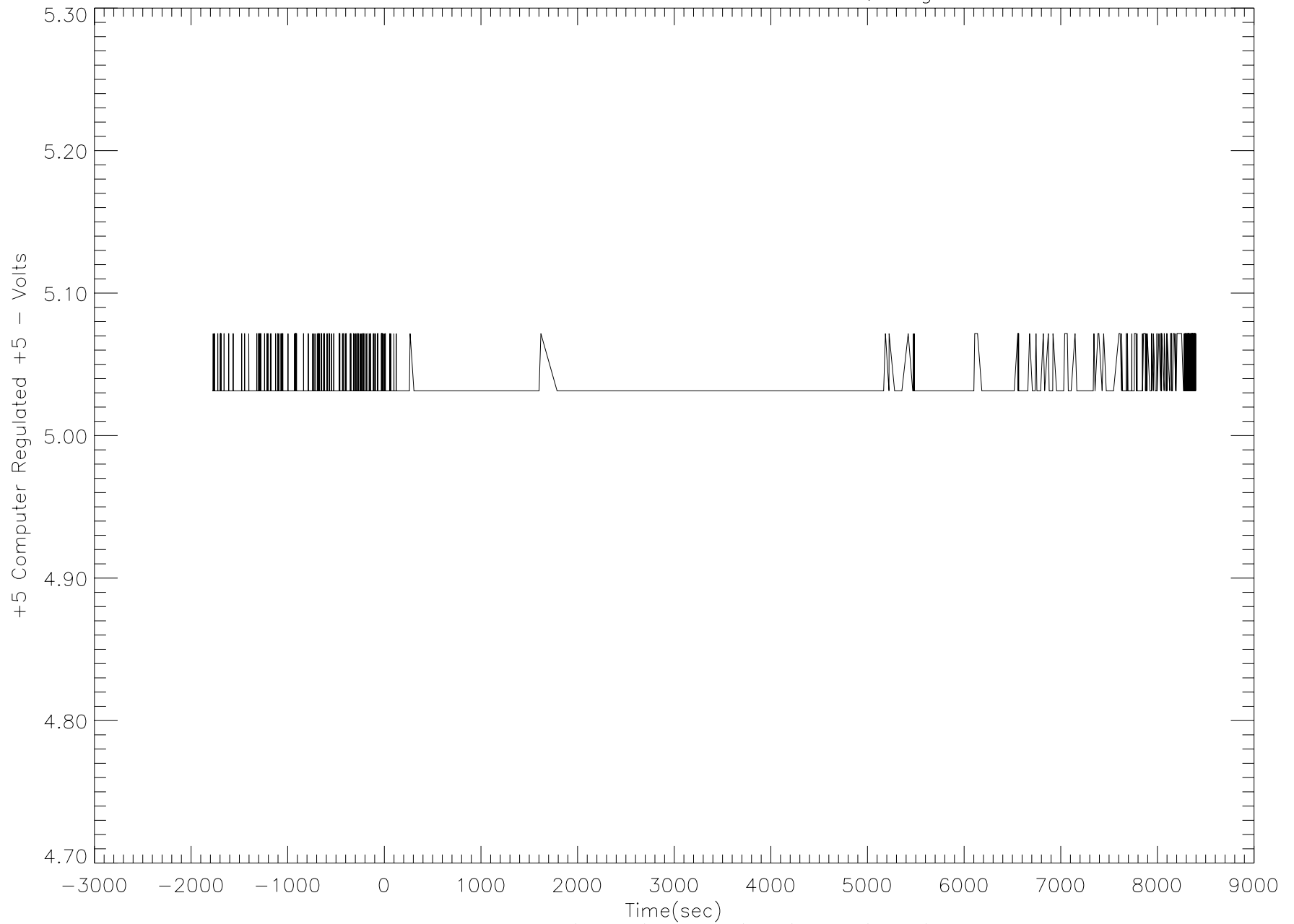
# GCMS IdleA Data Value vs. Relative Time, Page 62



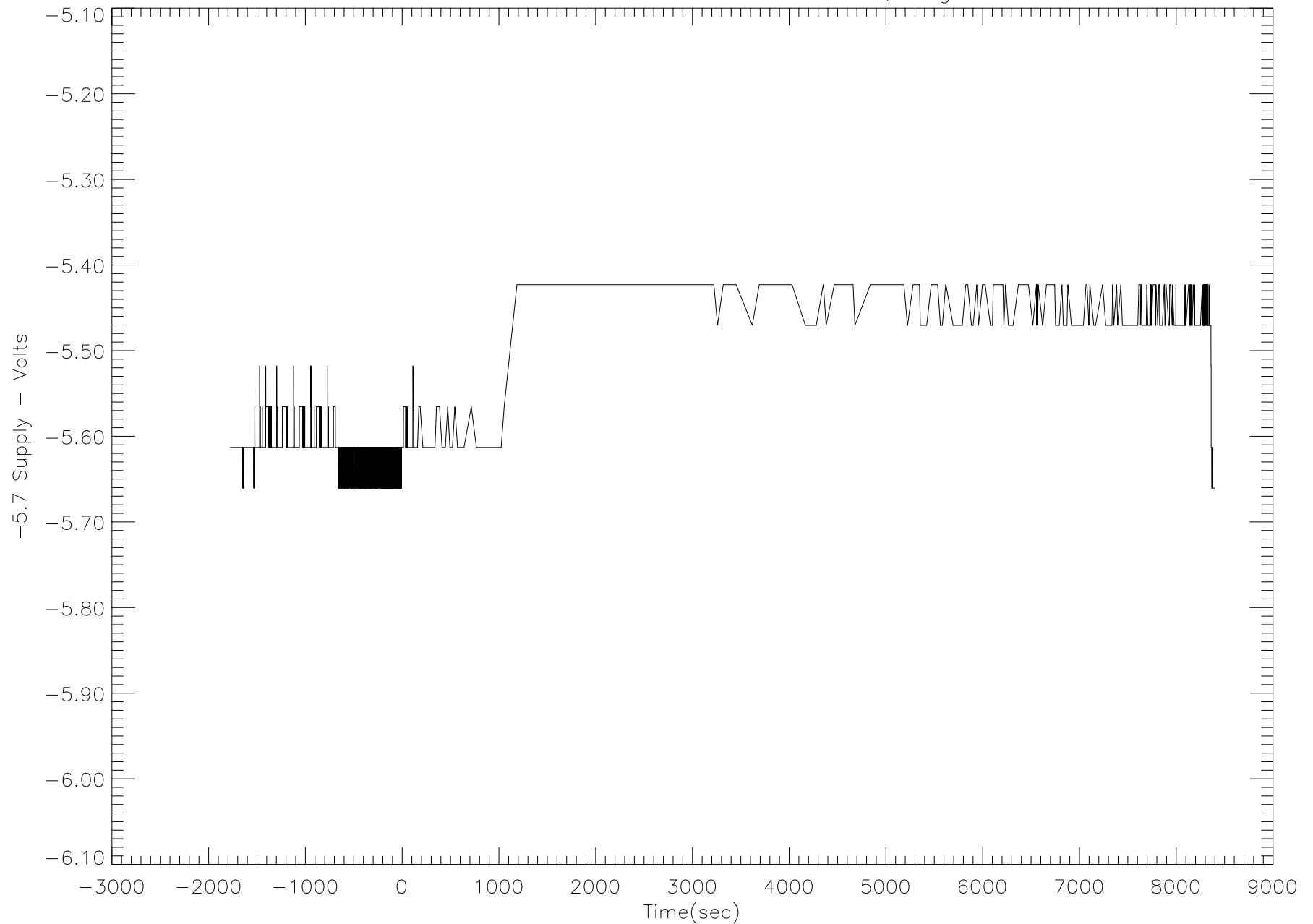
GCMS IdleA Data Value vs. Relative Time, Page 63



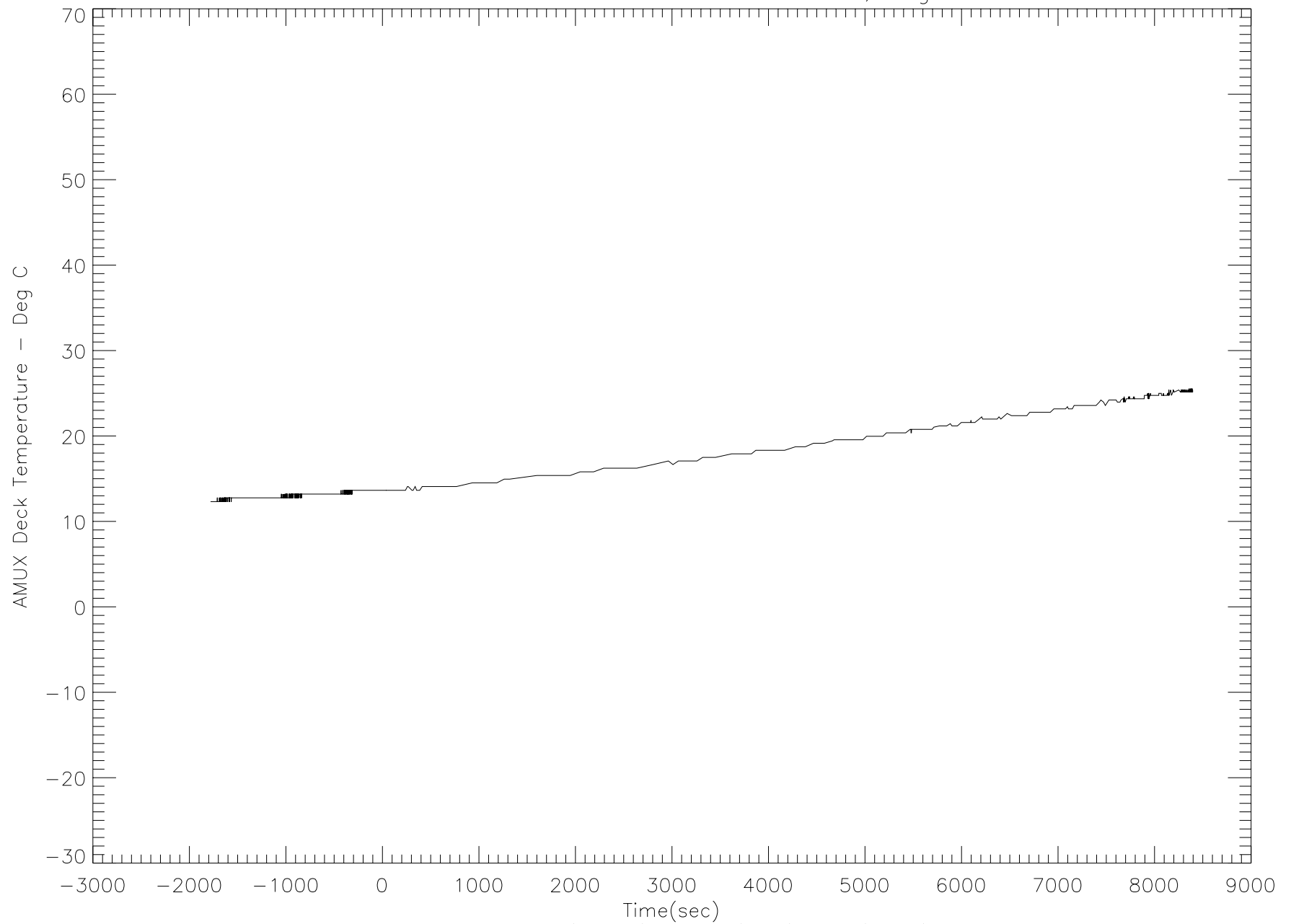
GCMS IdleA Data Value vs. Relative Time, Page 64



GCMS IdleA Data Value vs. Relative Time, Page 65

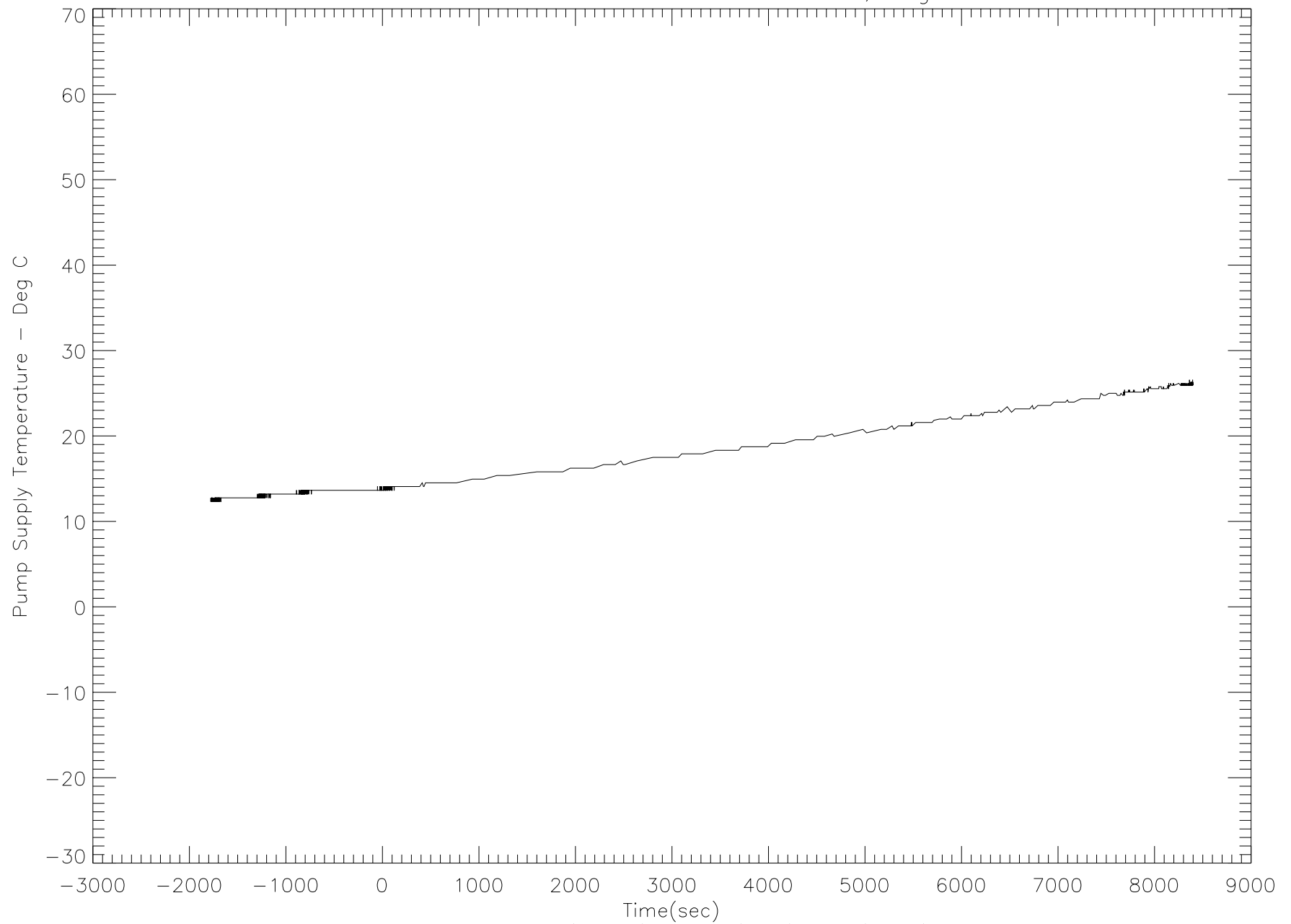


GCMS IdleA Data Value vs. Relative Time, Page 66

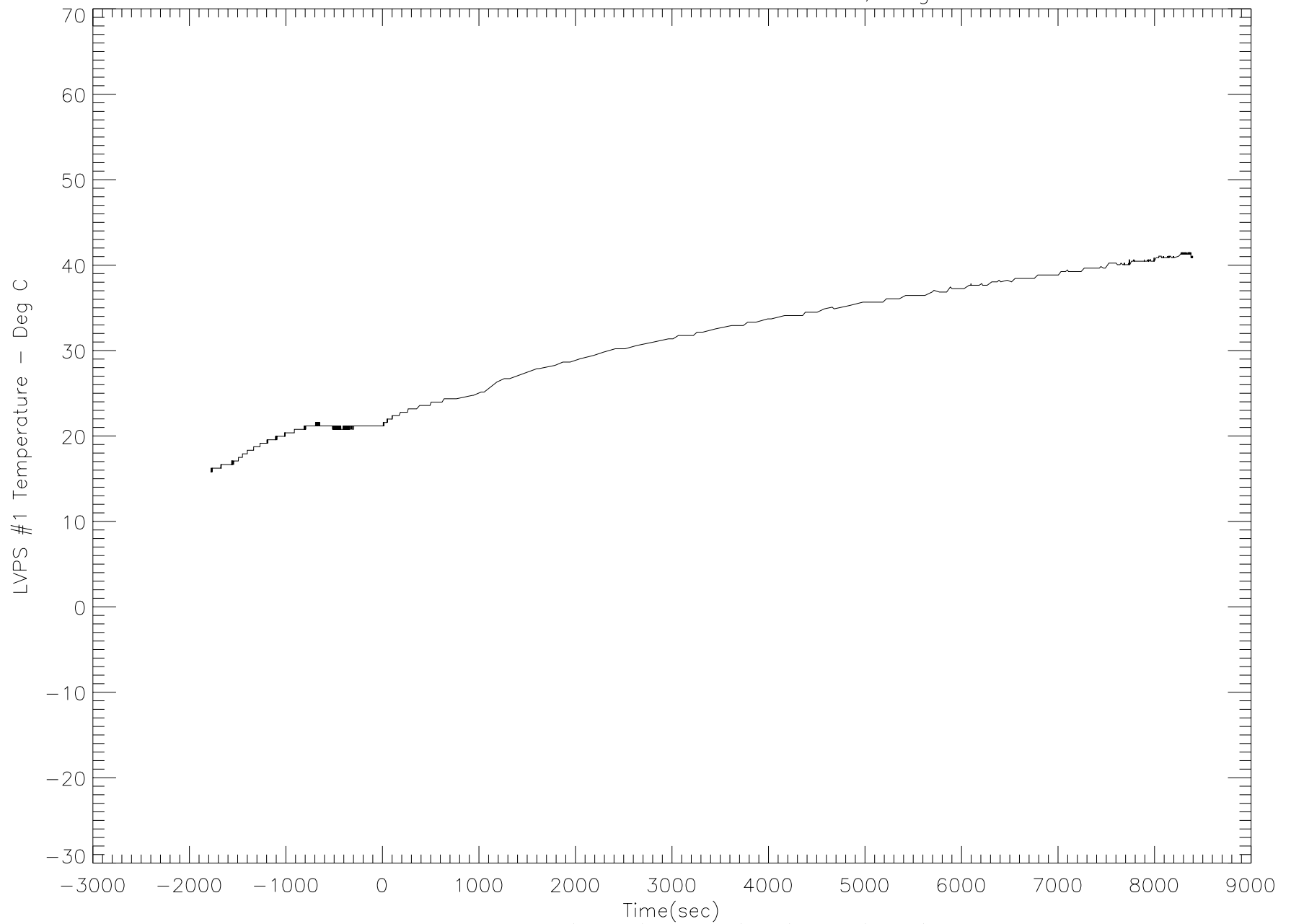




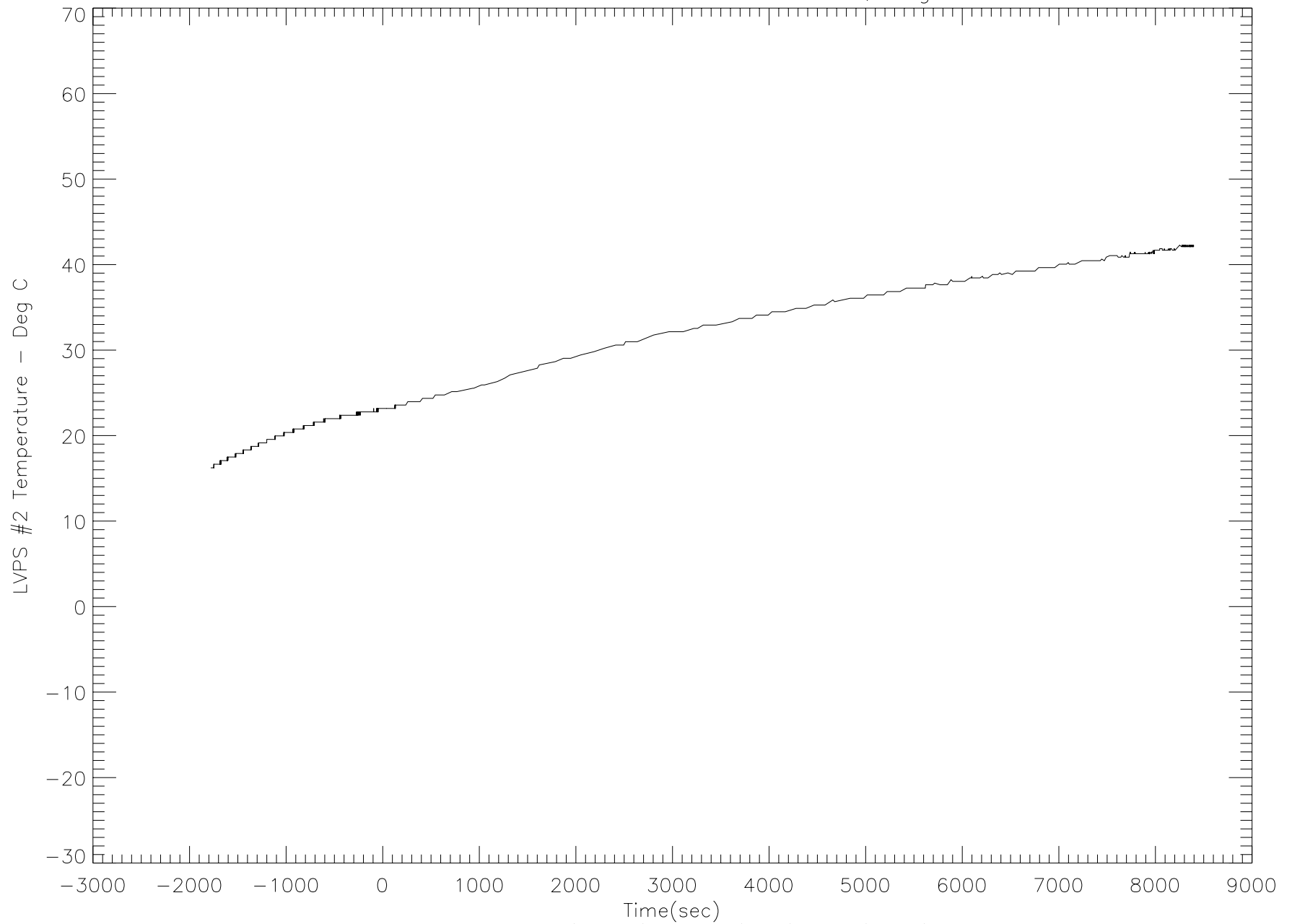
GCMS IdleA Data Value vs. Relative Time, Page 67



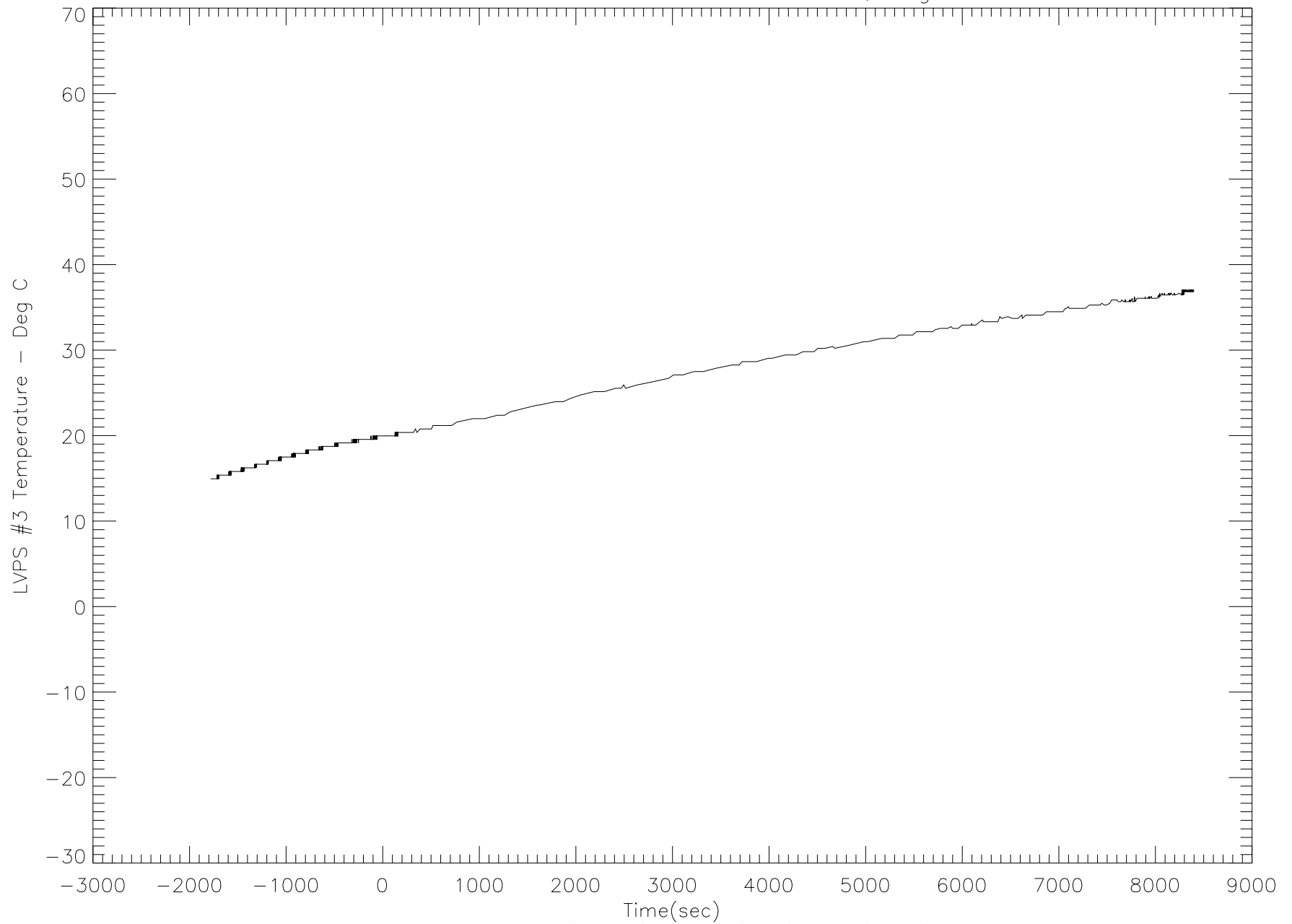
GCMS IdleA Data Value vs. Relative Time, Page 68



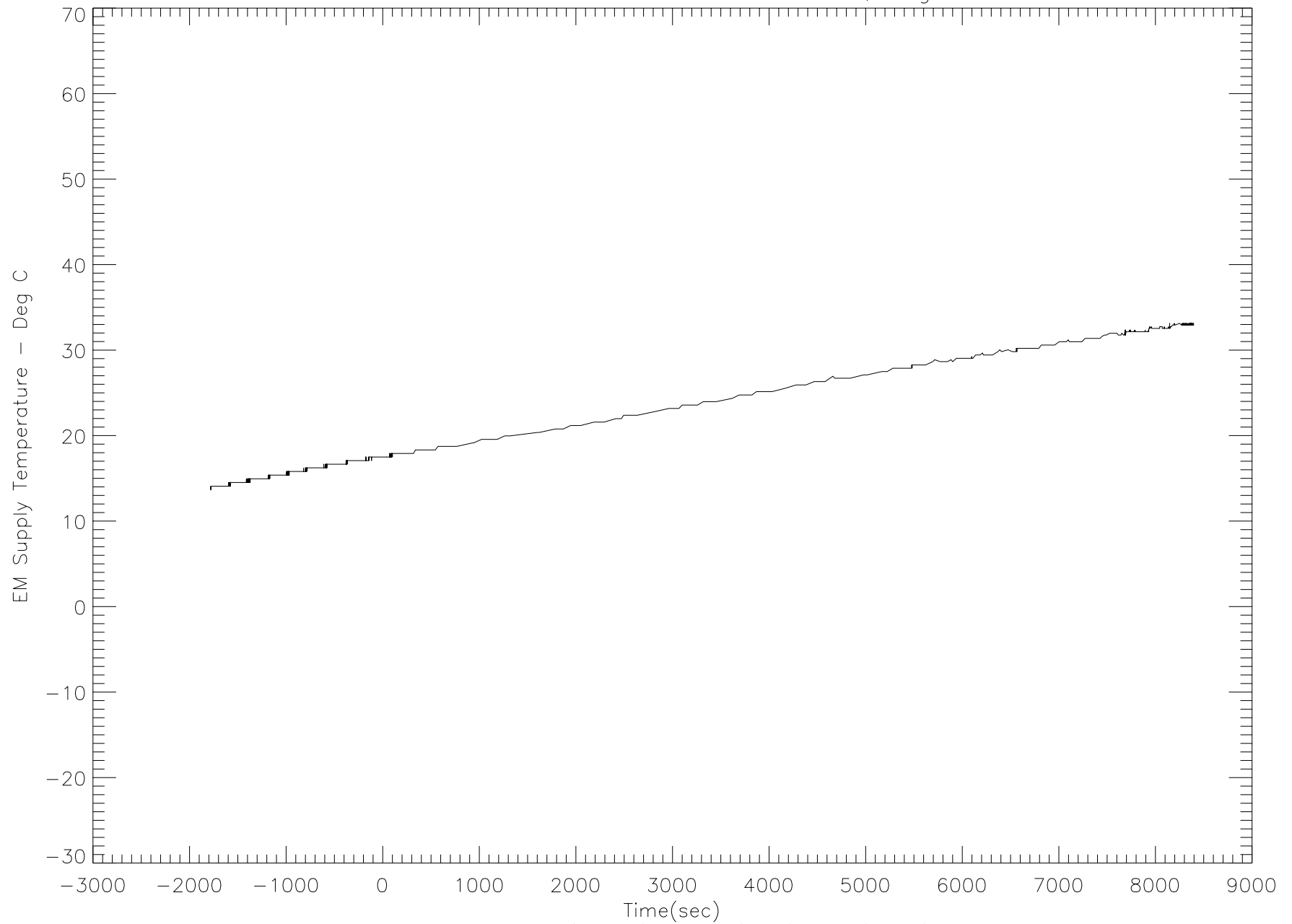
GCMS IdleA Data Value vs. Relative Time, Page 69



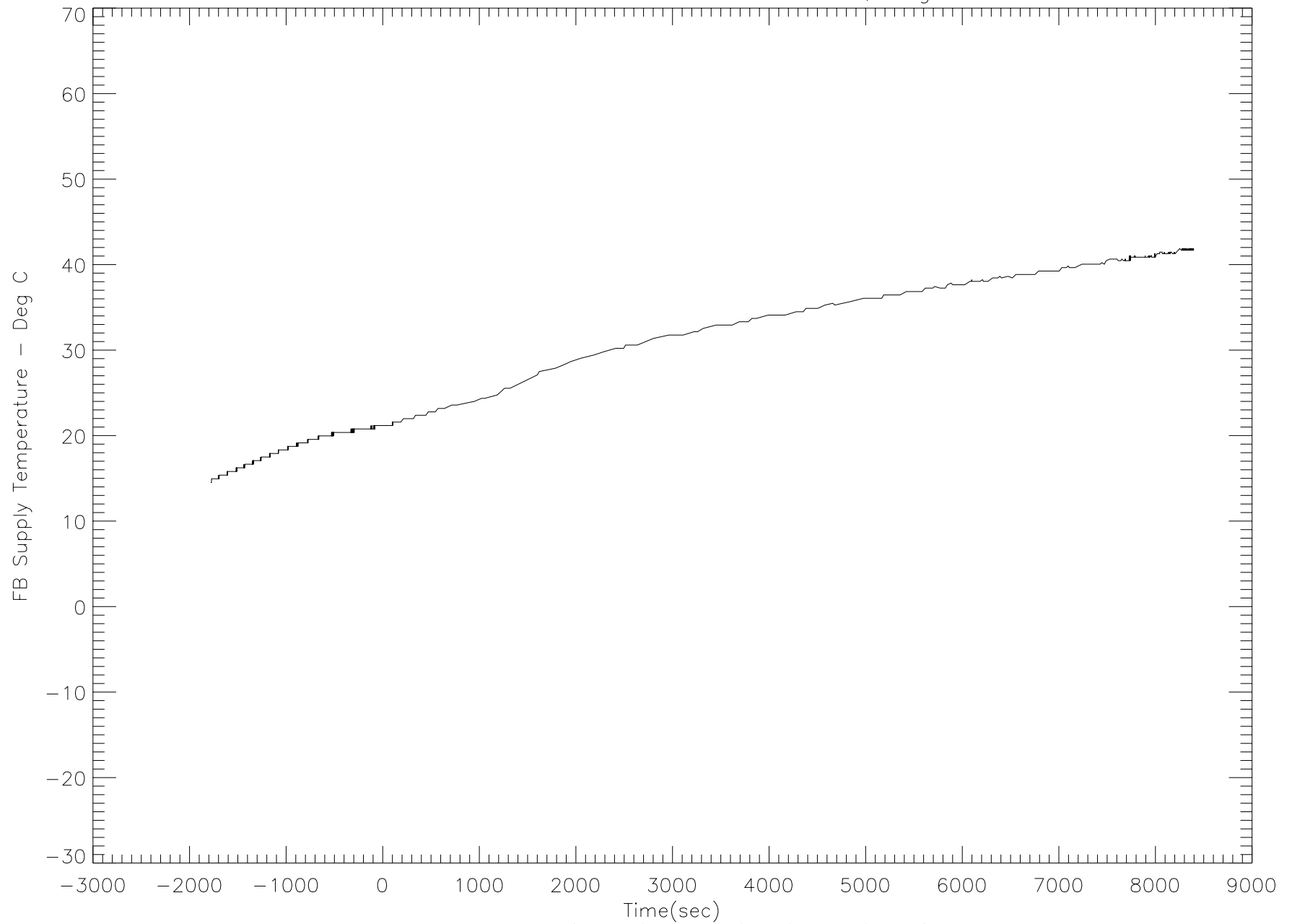
# GCMS IdleA Data Value vs. Relative Time, Page 70



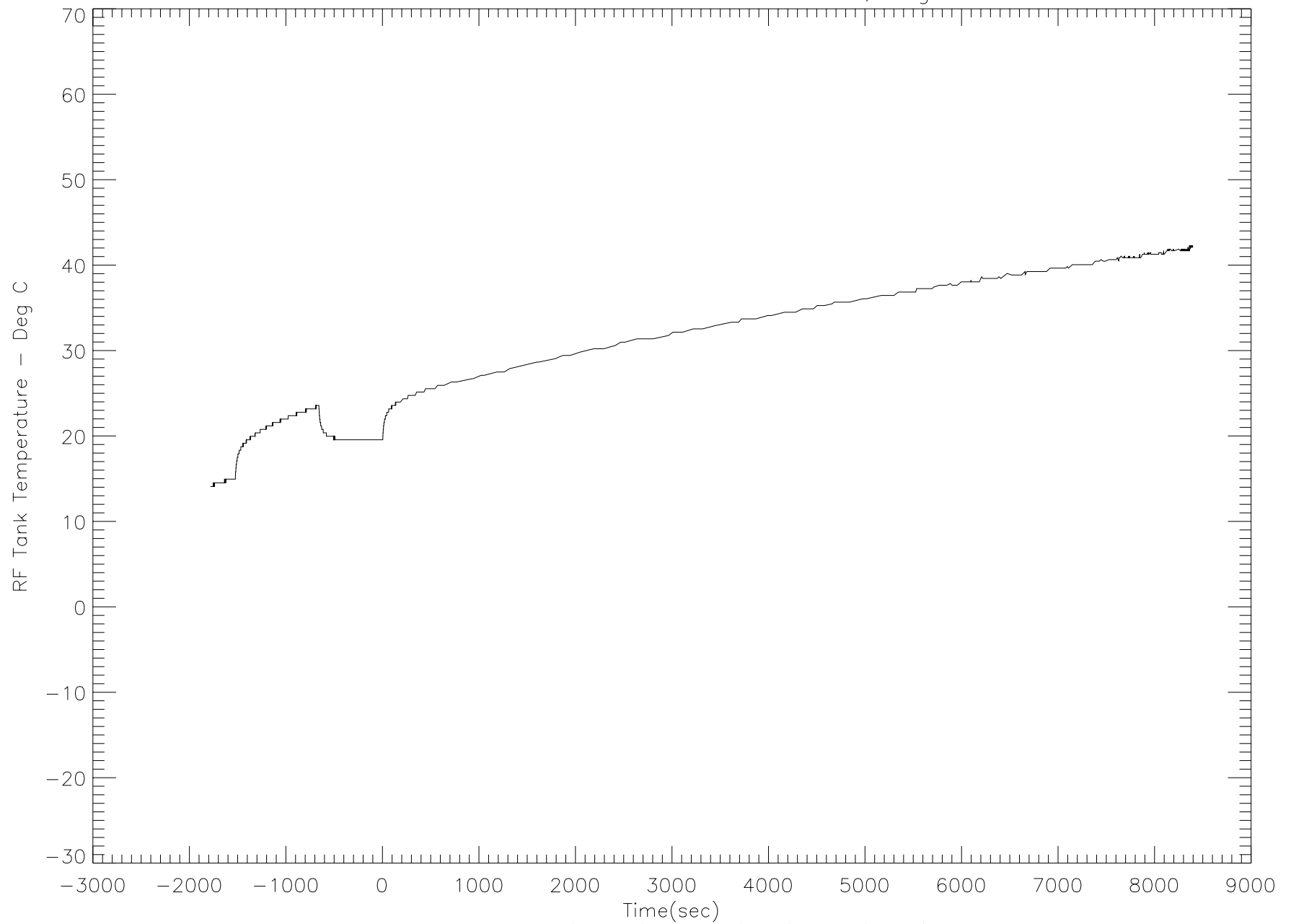
# GCMS IdleA Data Value vs. Relative Time, Page 71



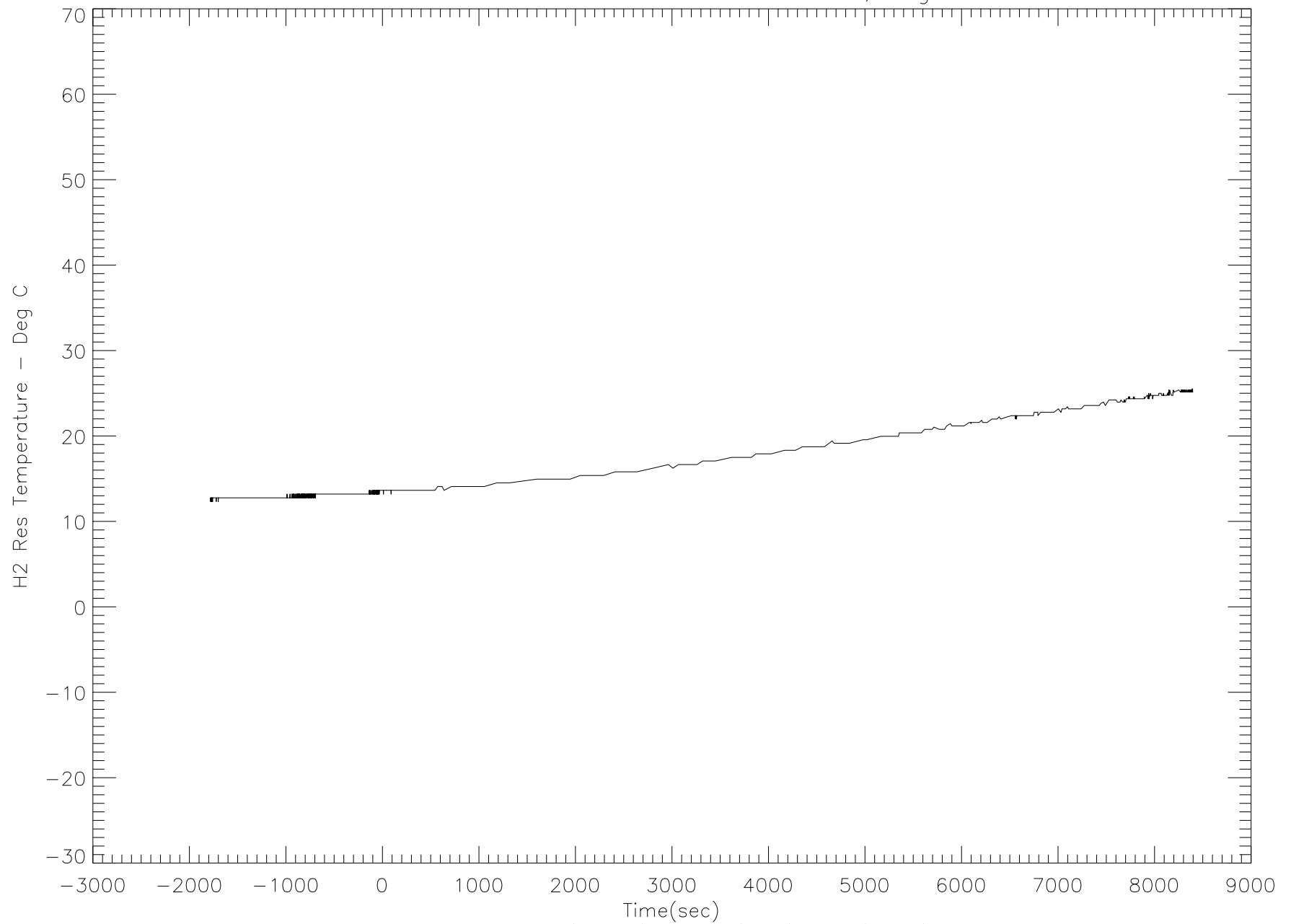
# GCMS IdleA Data Value vs. Relative Time, Page 72



GCMS IdleA Data Value vs. Relative Time, Page 73

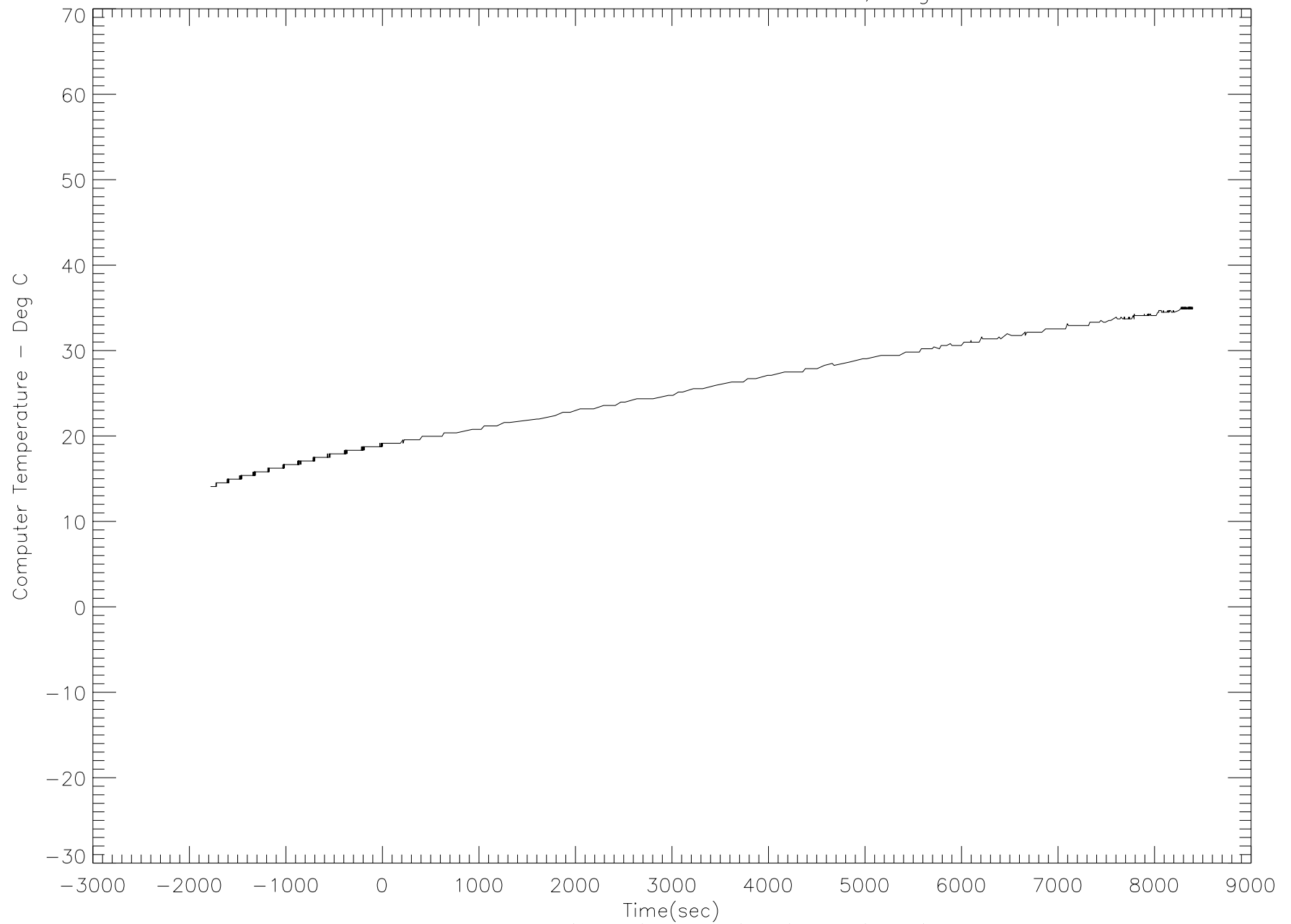


GCMS IdleA Data Value vs. Relative Time, Page 74

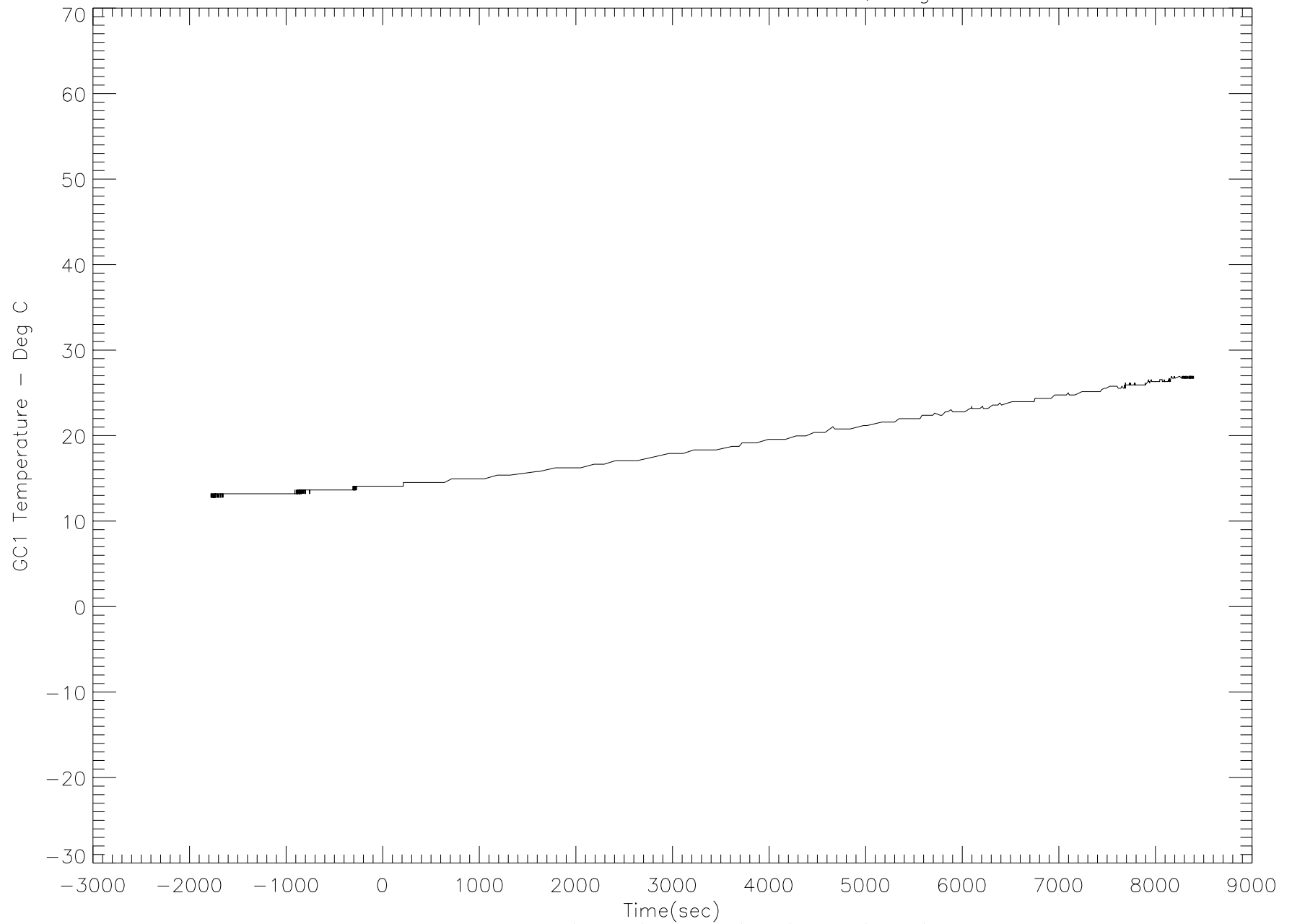




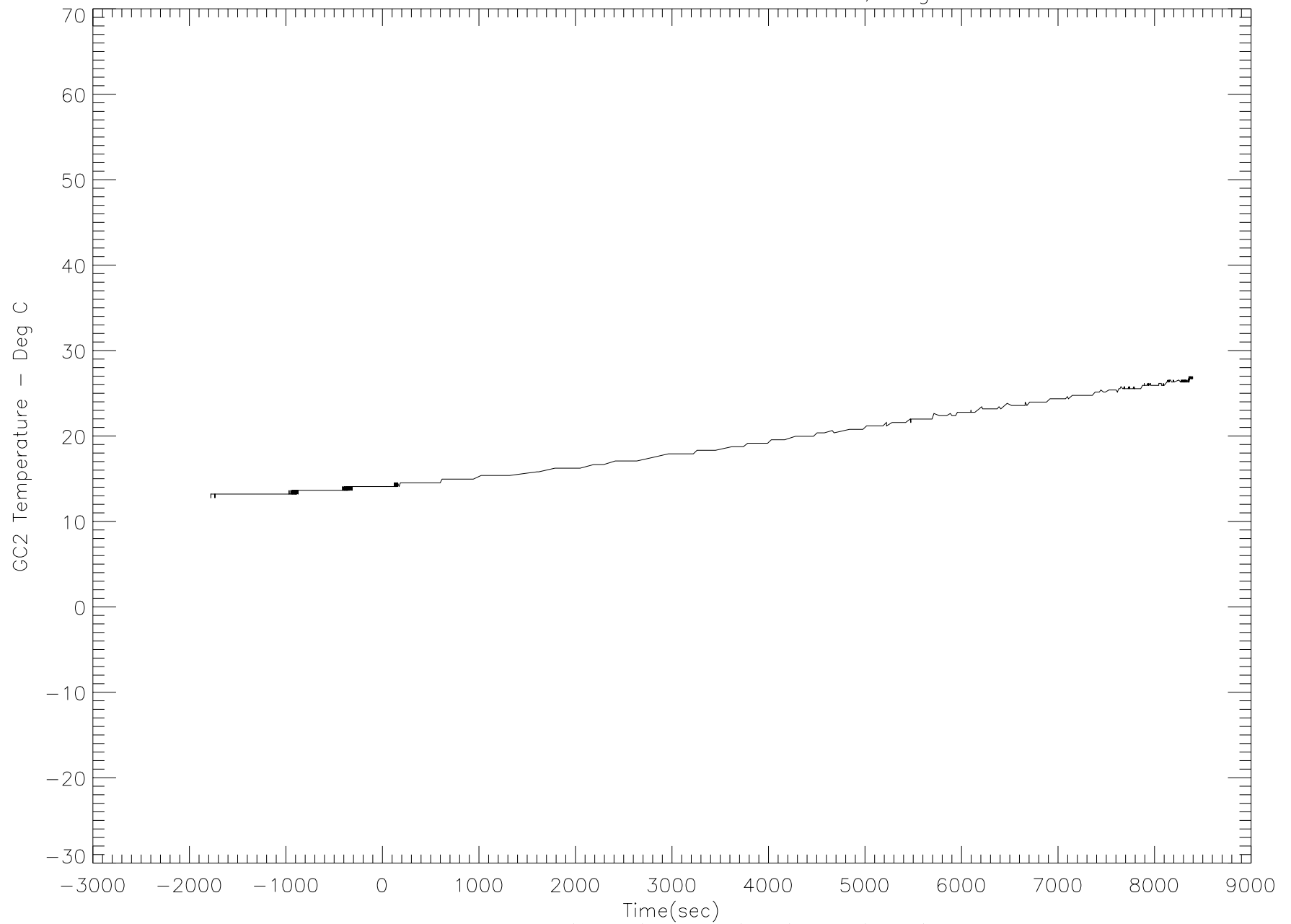
# GCMS IdleA Data Value vs. Relative Time, Page 75



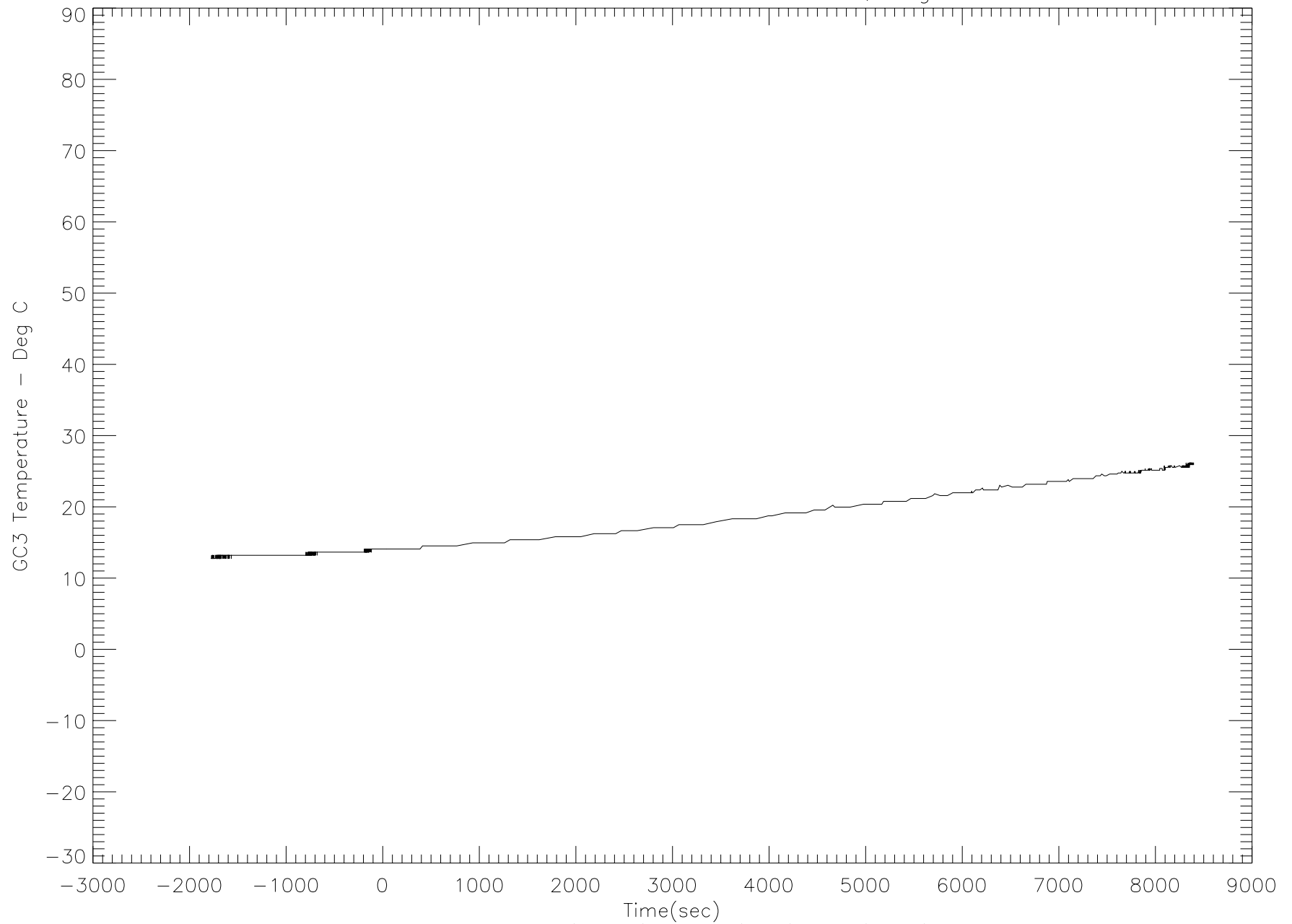
GCMS IdleA Data Value vs. Relative Time, Page 76



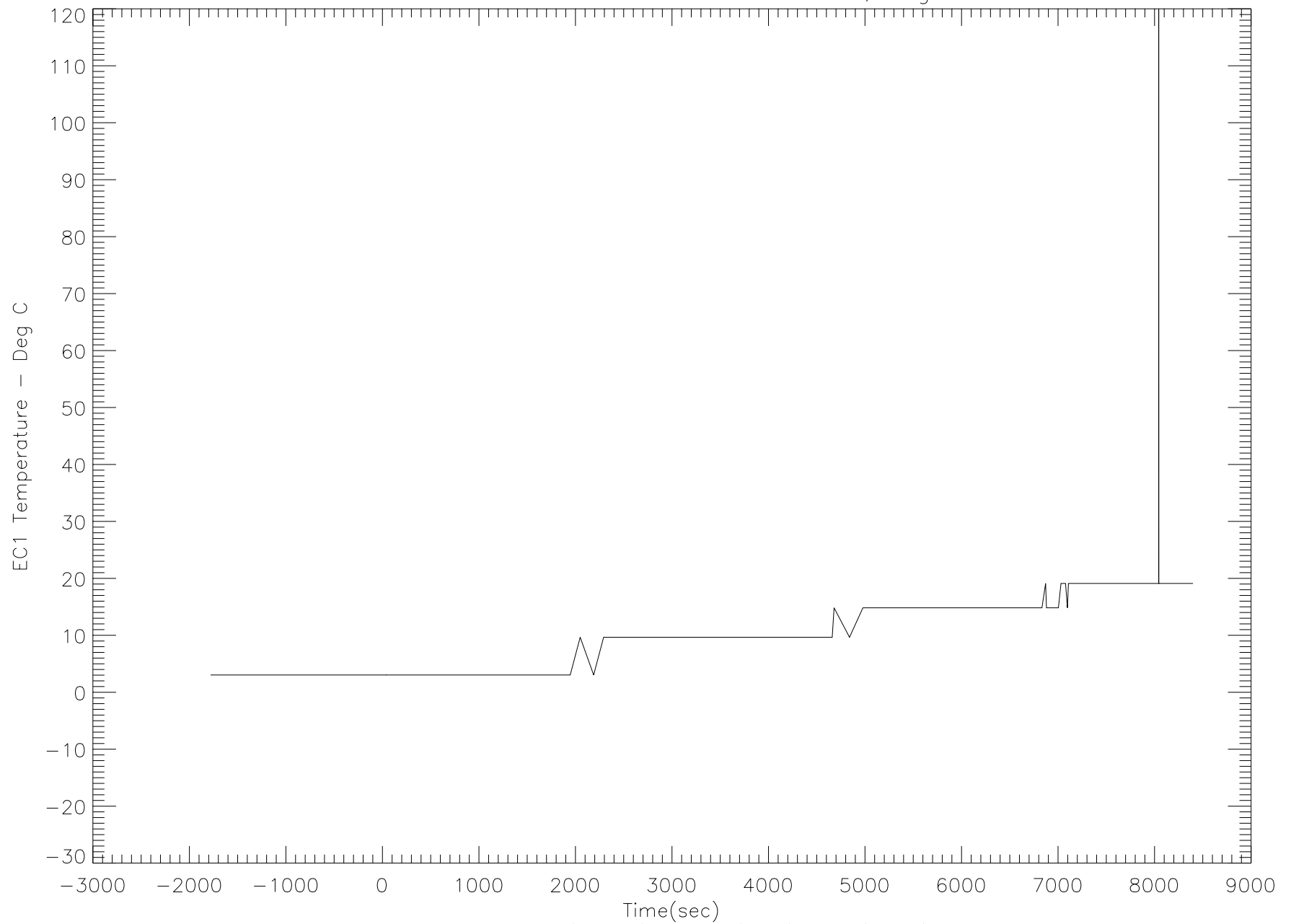
# GCMS IdleA Data Value vs. Relative Time, Page 77



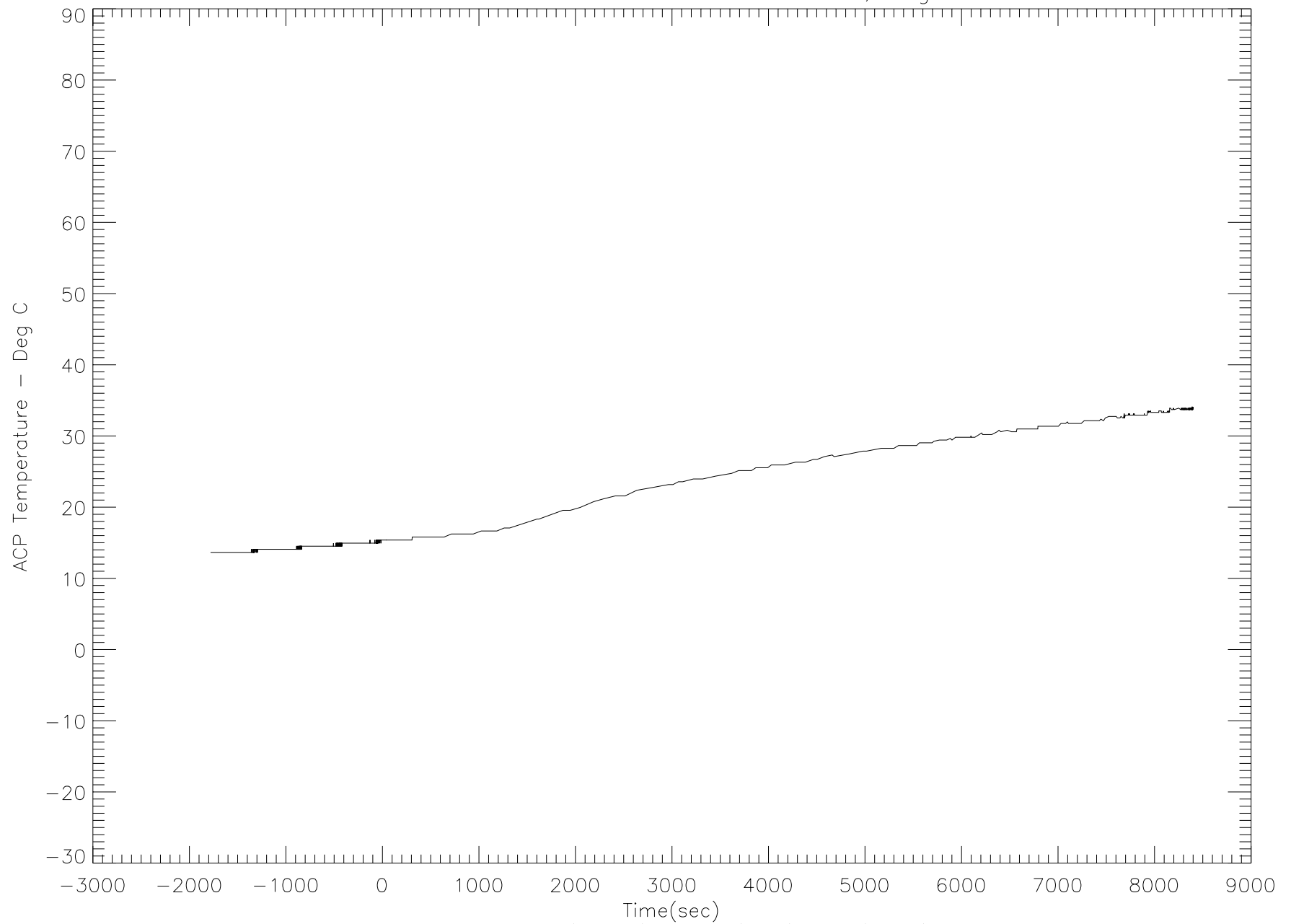
# GCMS IdleA Data Value vs. Relative Time, Page 78



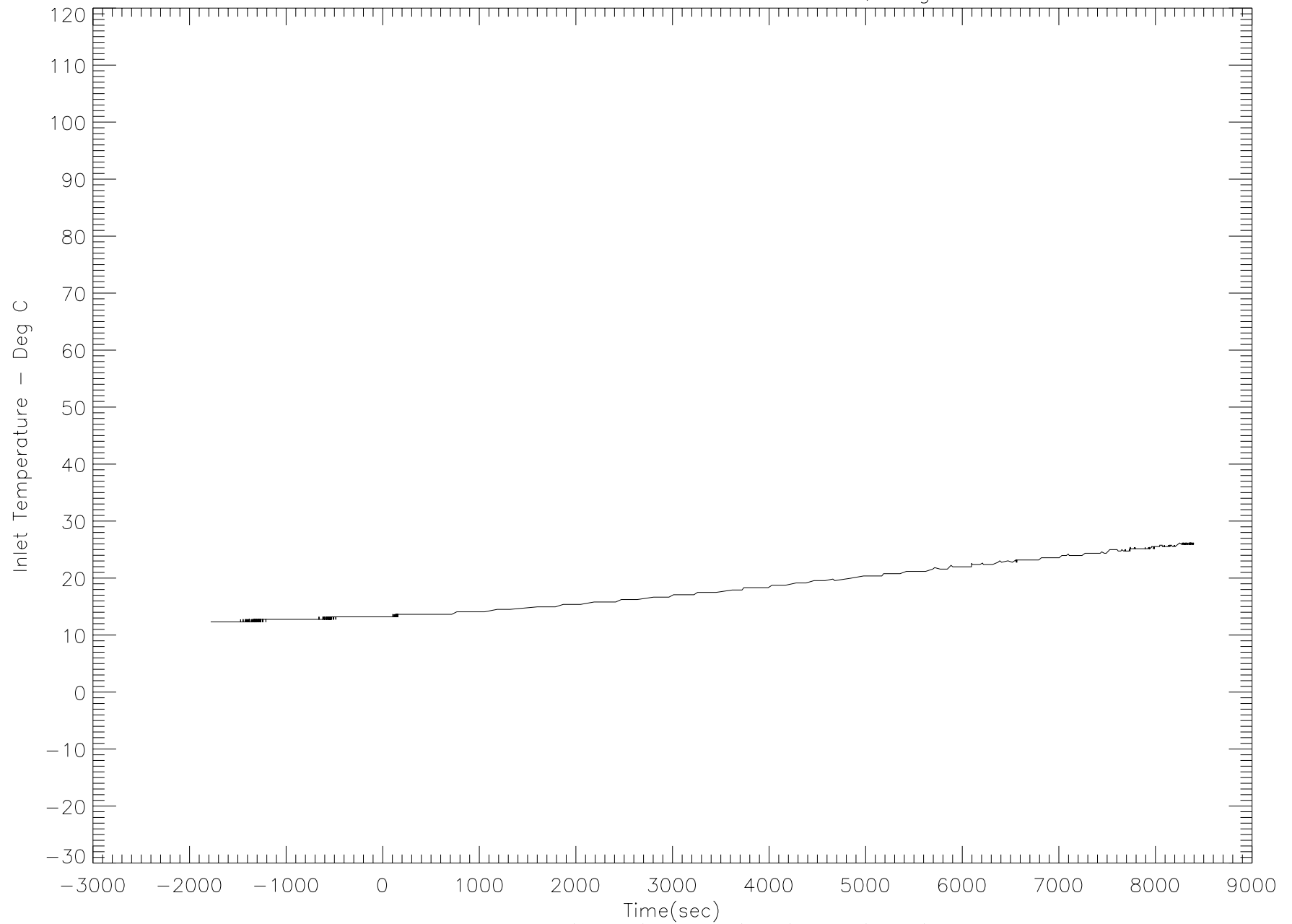
GCMS IdleA Data Value vs. Relative Time, Page 79



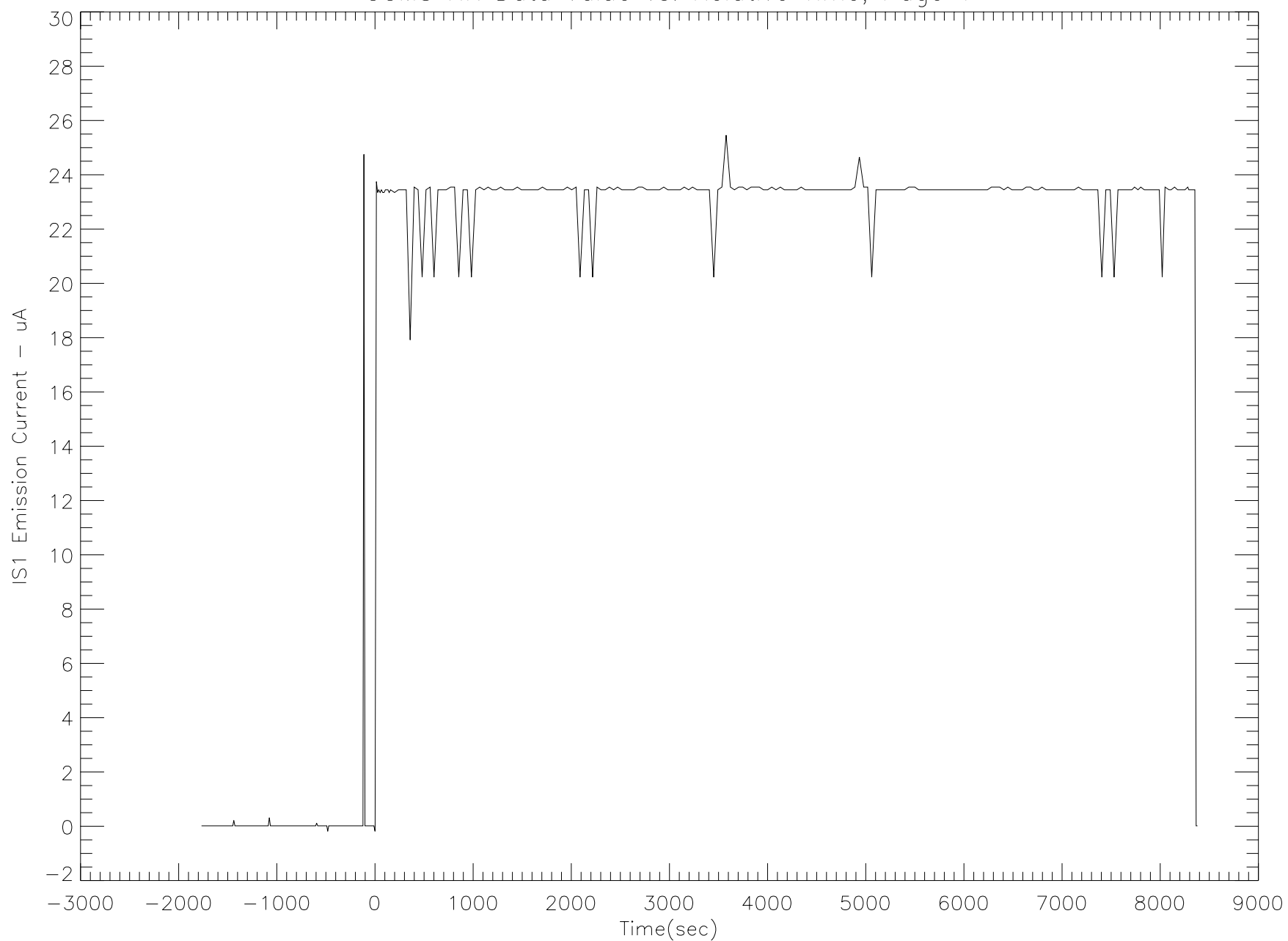
GCMS IdleA Data Value vs. Relative Time, Page 80



GCMS IdleA Data Value vs. Relative Time, Page 81

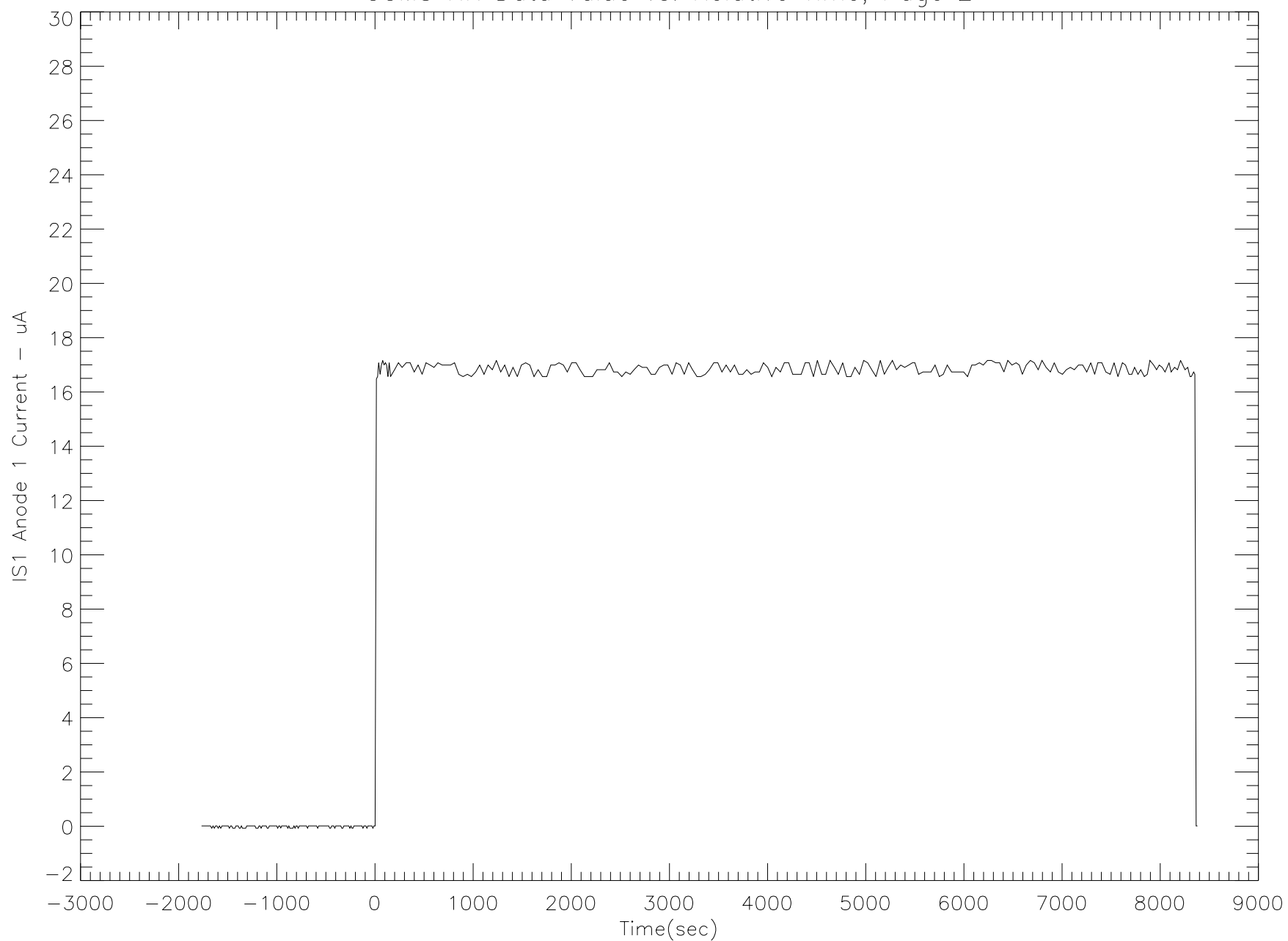


GCMS HK Data Value vs. Relative Time, Page 1

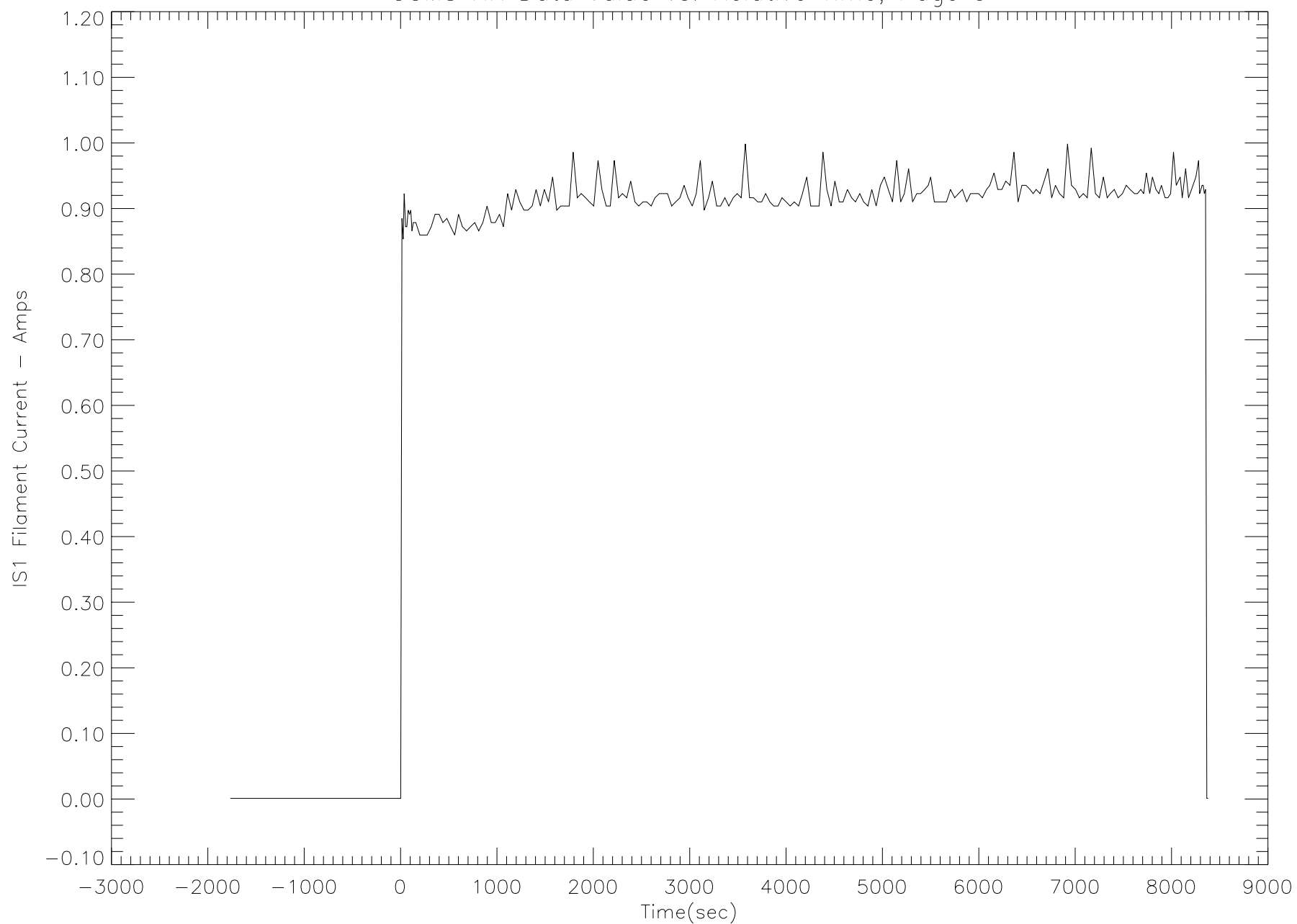




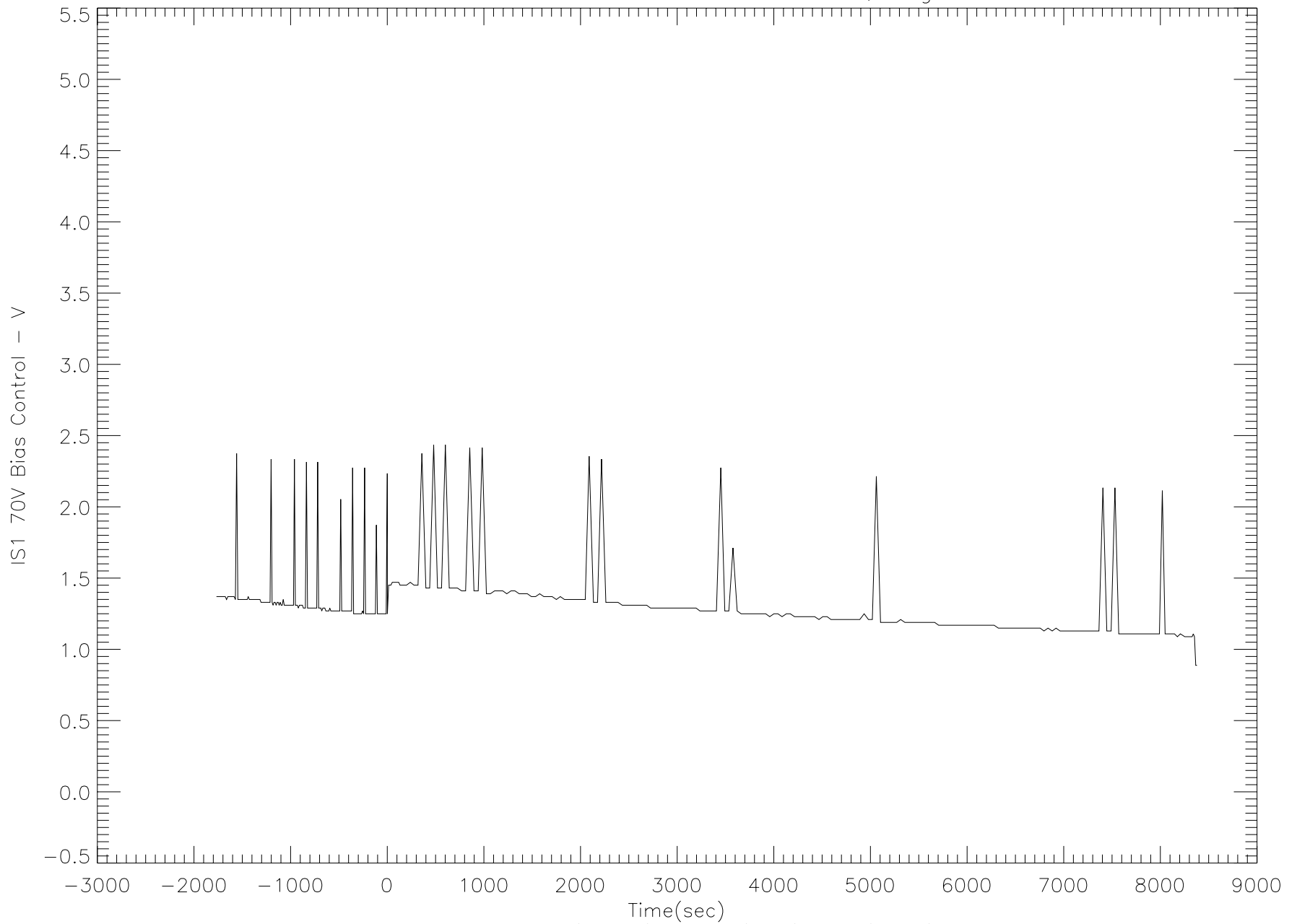
GCMS HK Data Value vs. Relative Time, Page 2



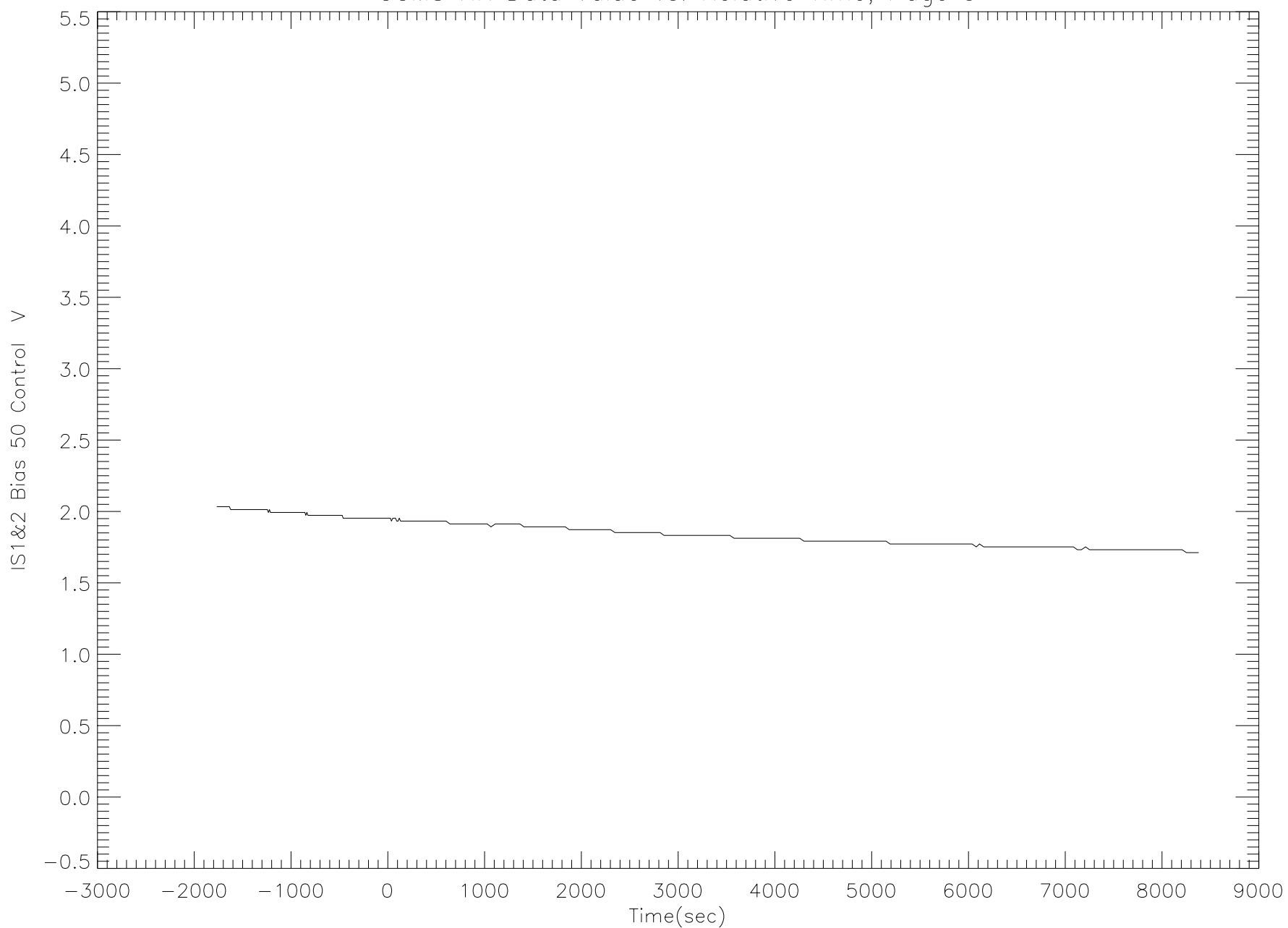
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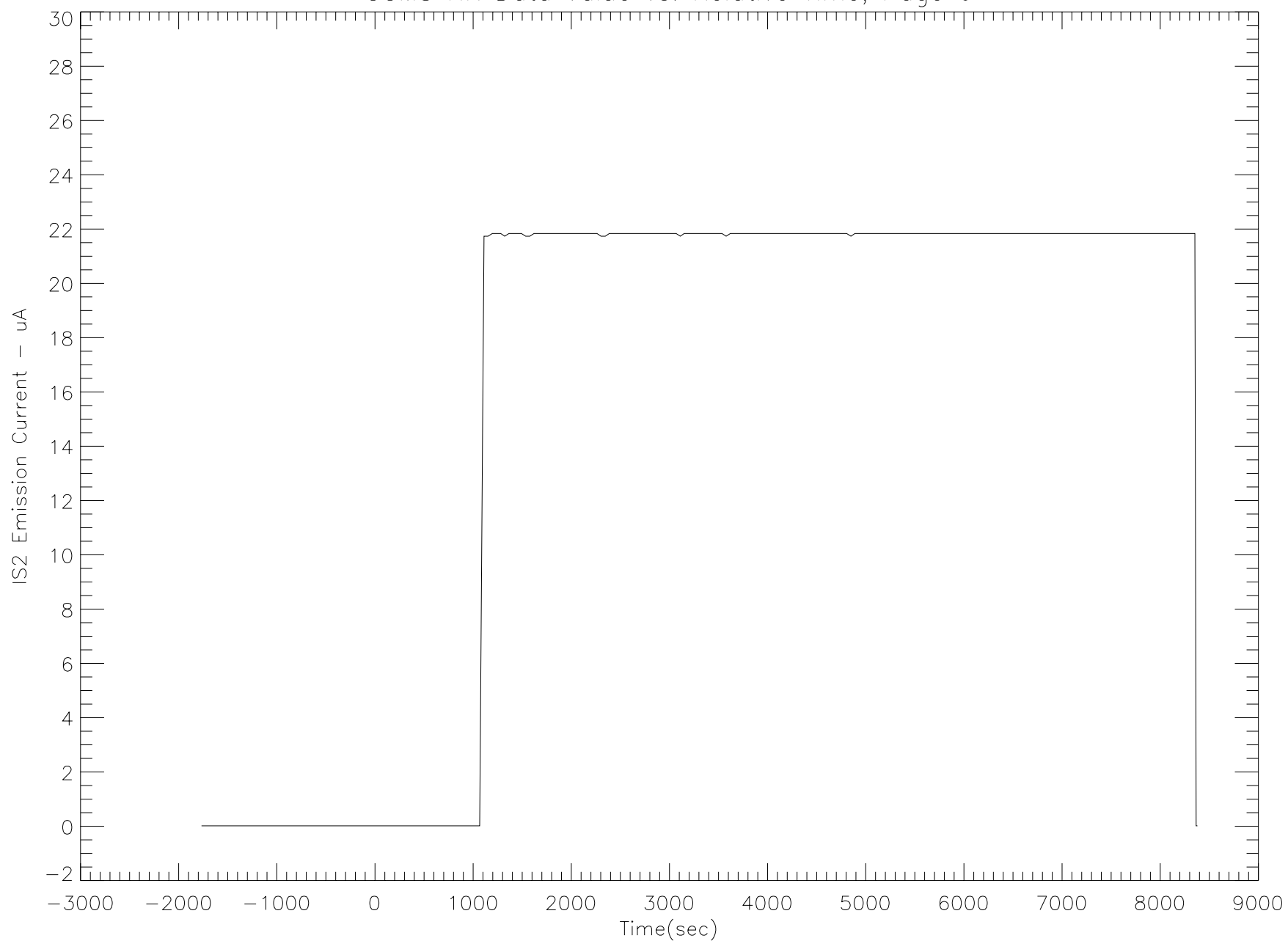
GCMS HK Data Value vs. Relative Time, Page 4



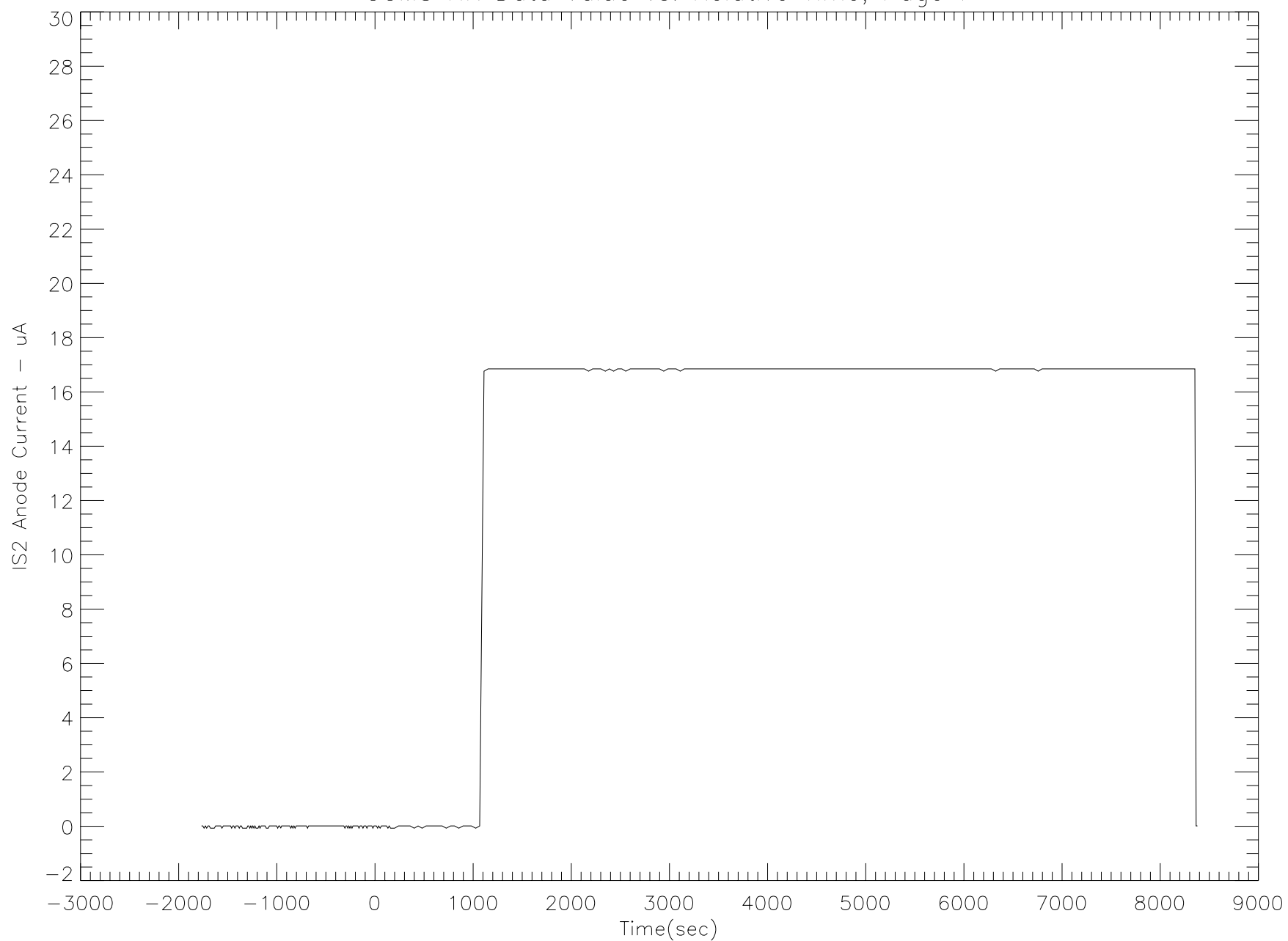
# GCMS HK Data Value vs. Relative Time, Page 5



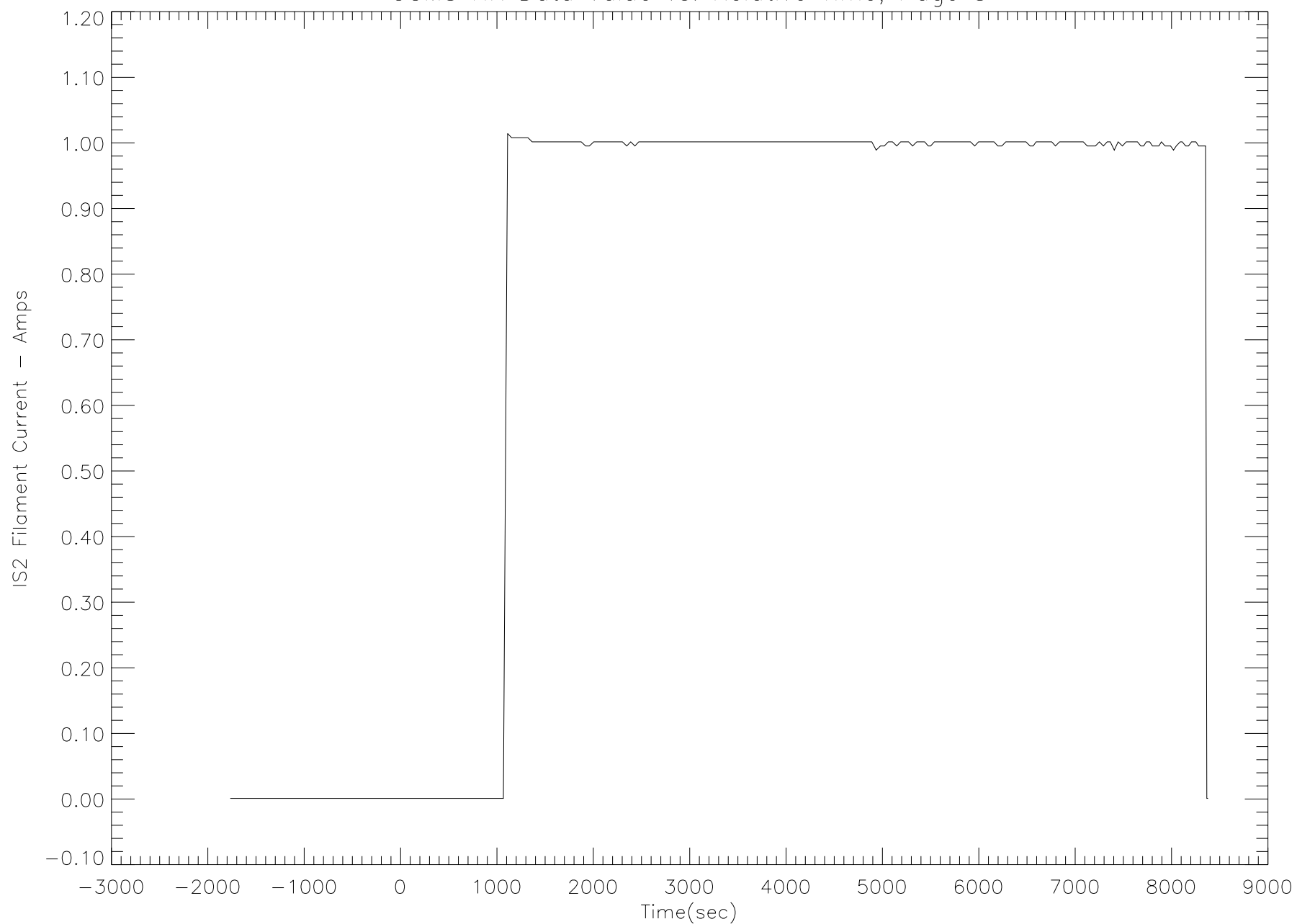
# GCMS HK Data Value vs. Relative Time, Page 6



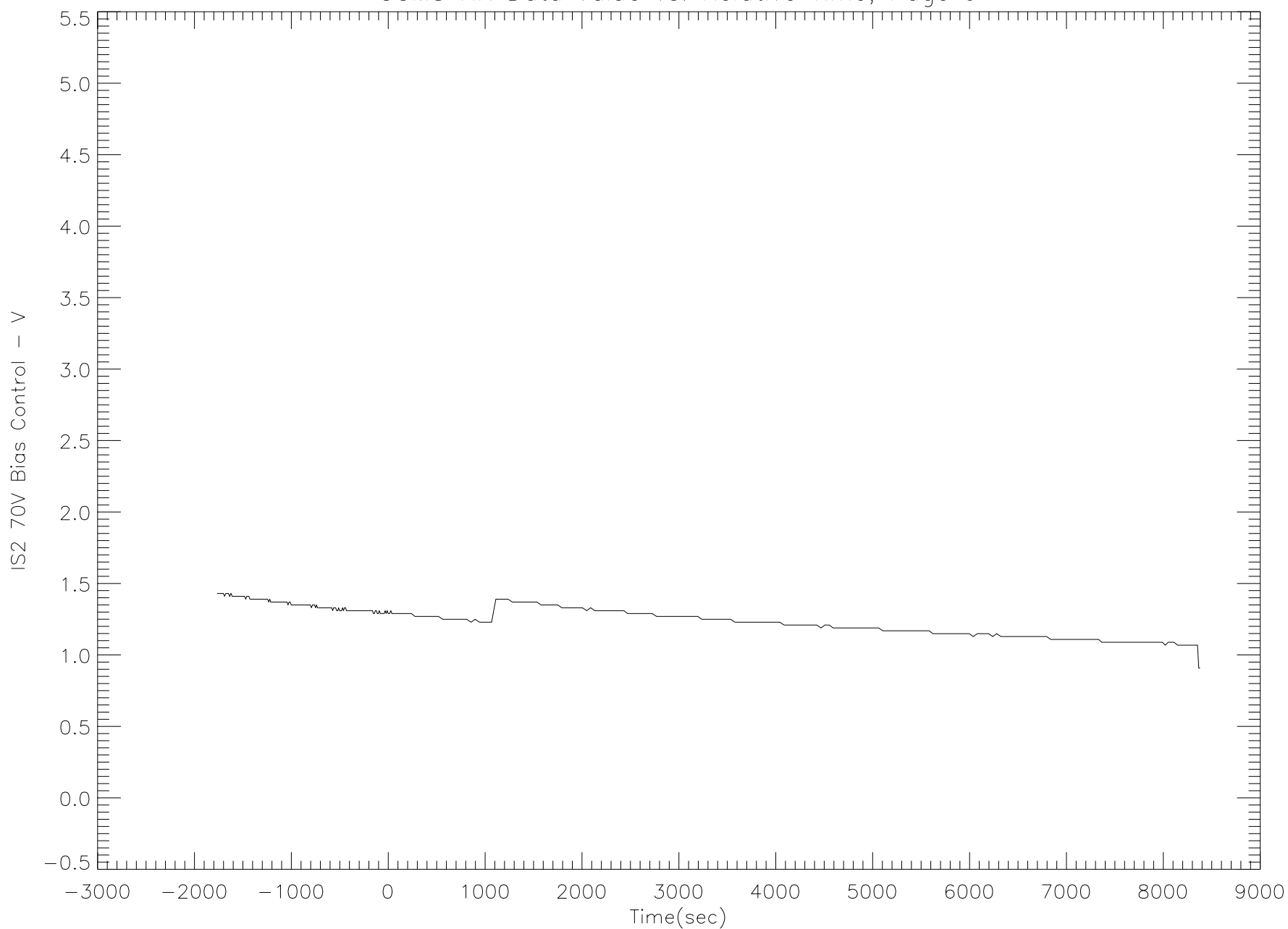
# GCMS HK Data Value vs. Relative Time, Page 7



# GCMS HK Data Value vs. Relative Time, Page 8

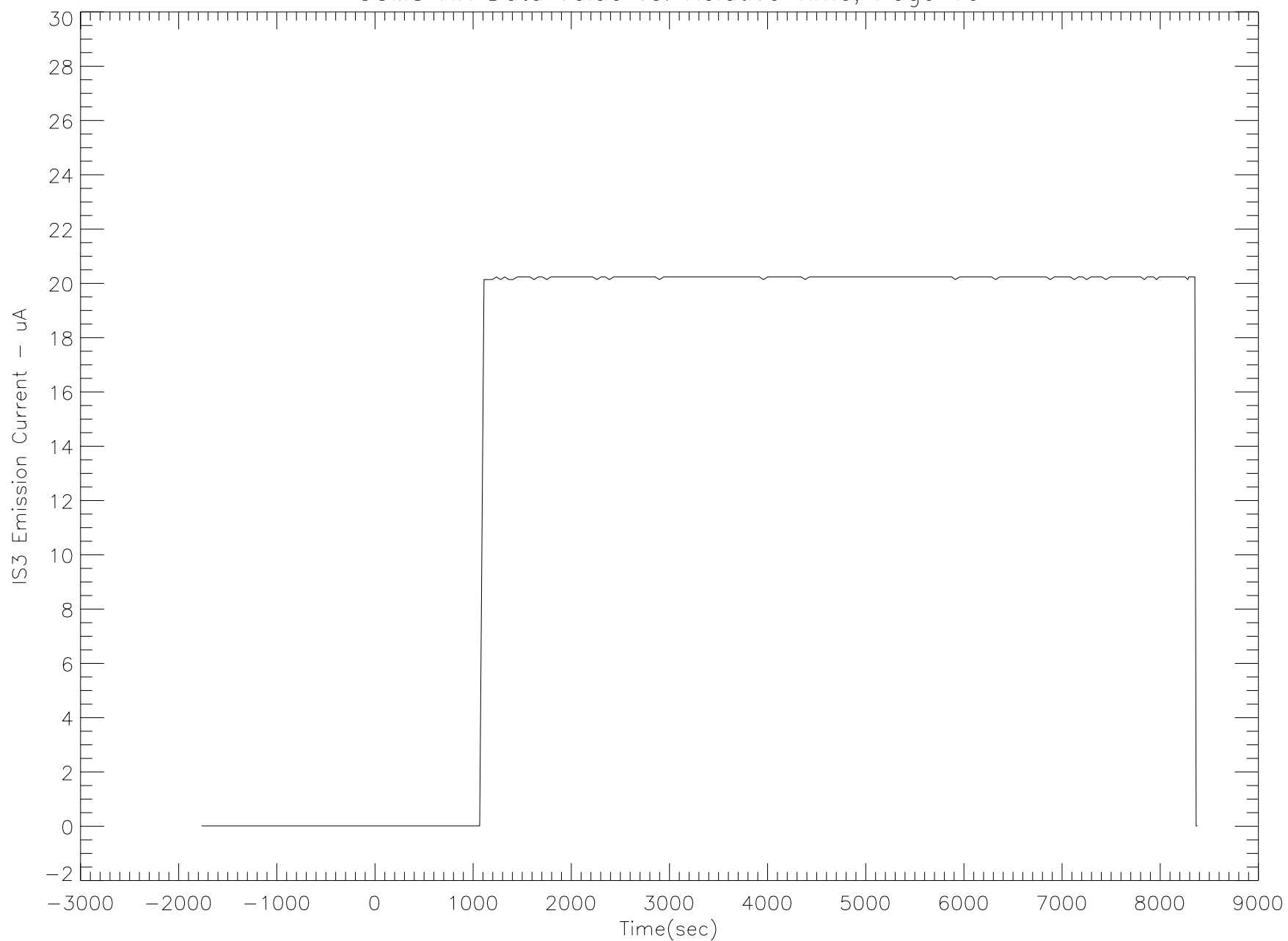


# GCMS HK Data Value vs. Relative Time, Page 9

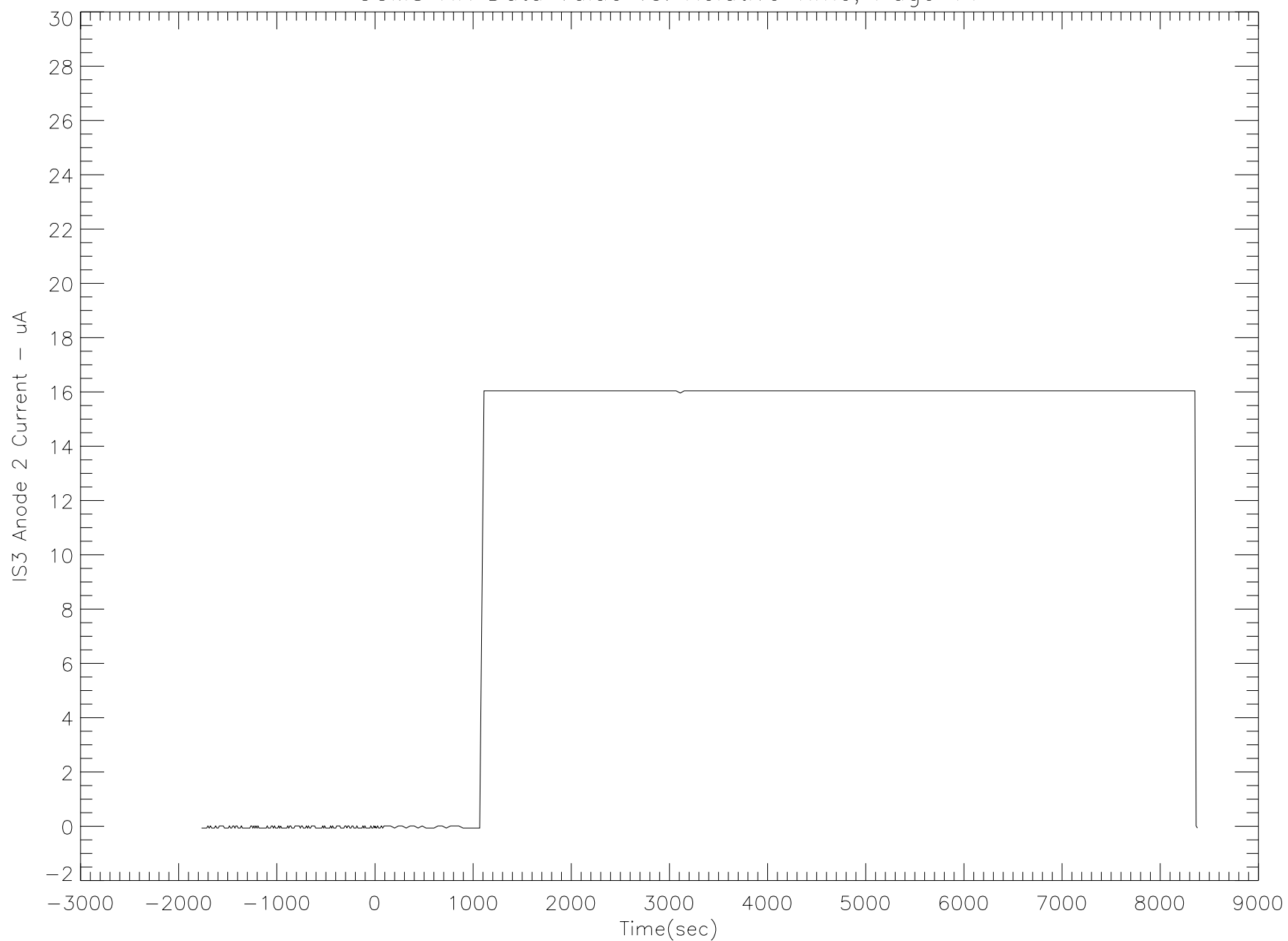




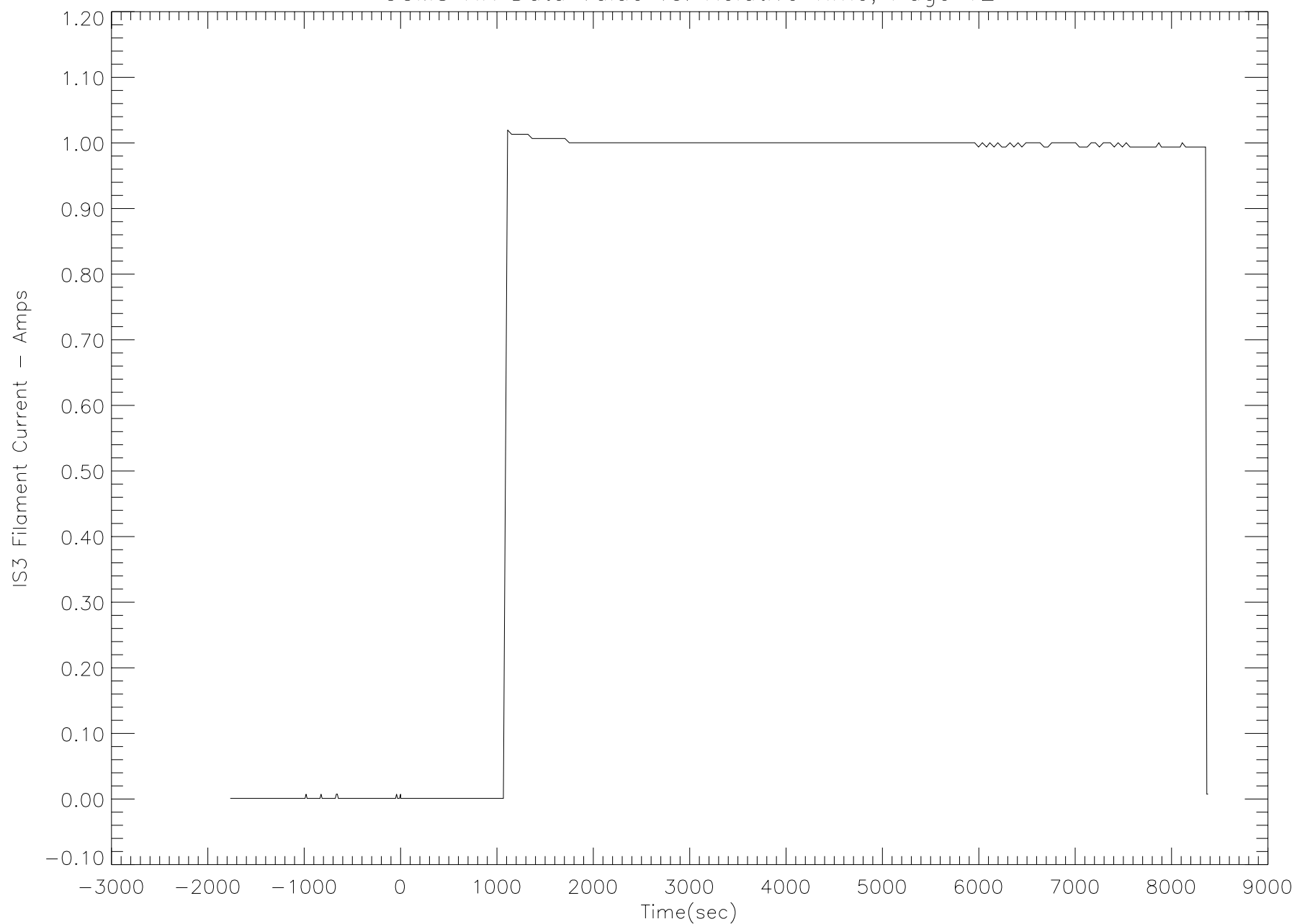
GCMS HK Data Value vs. Relative Time, Page 10



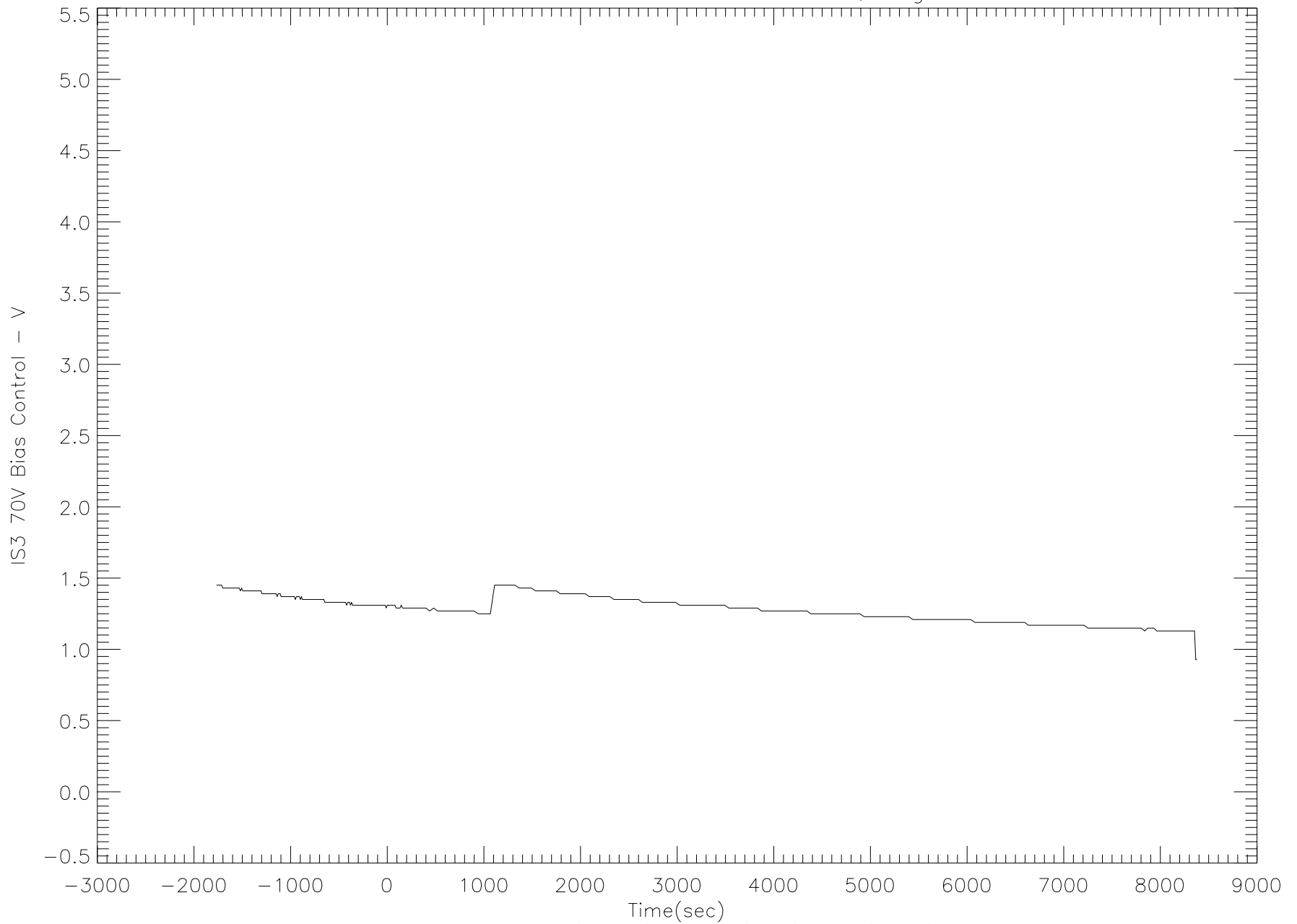
GCMS HK Data Value vs. Relative Time, Page 11



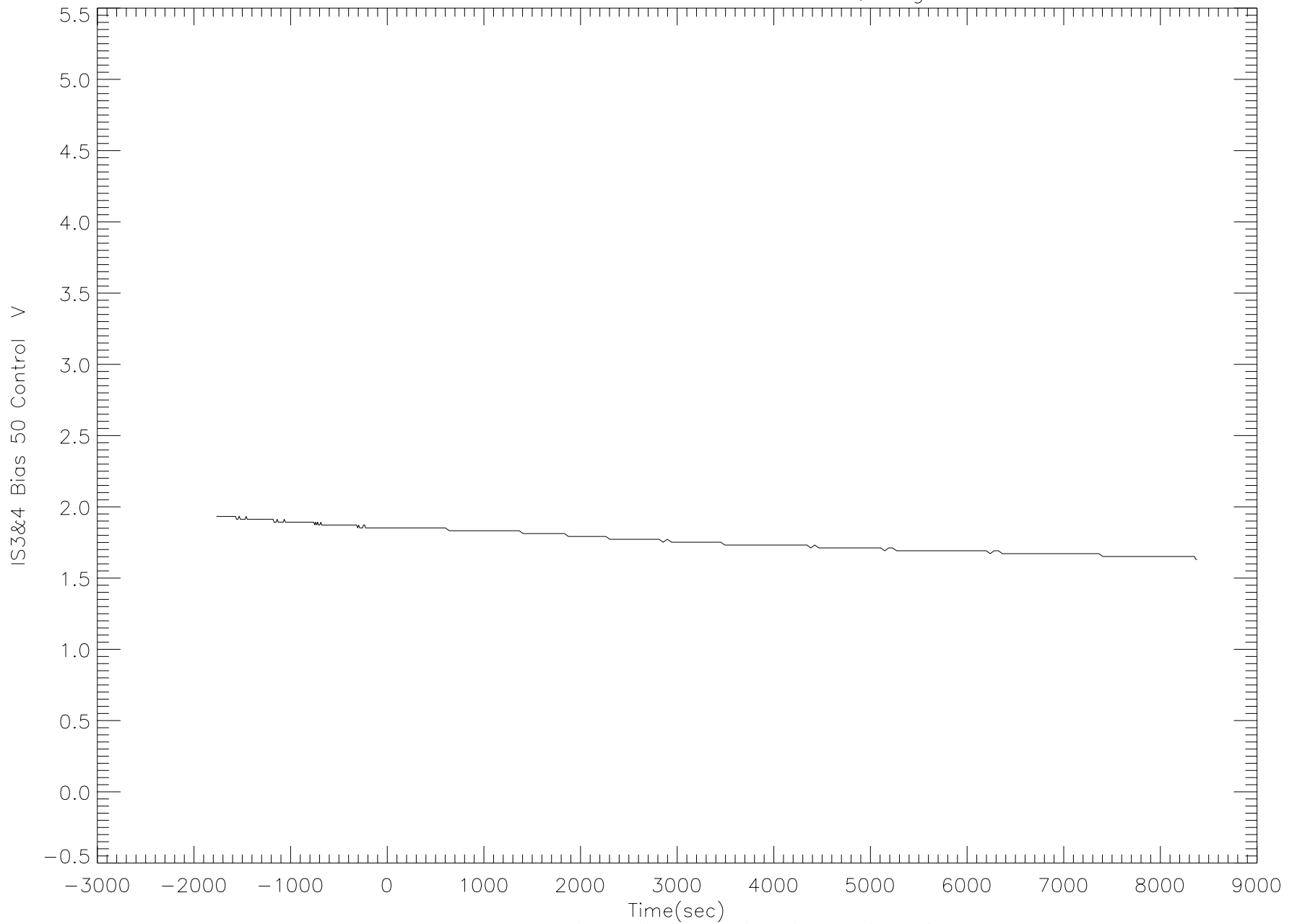
# GCMS HK Data Value vs. Relative Time, Page 12

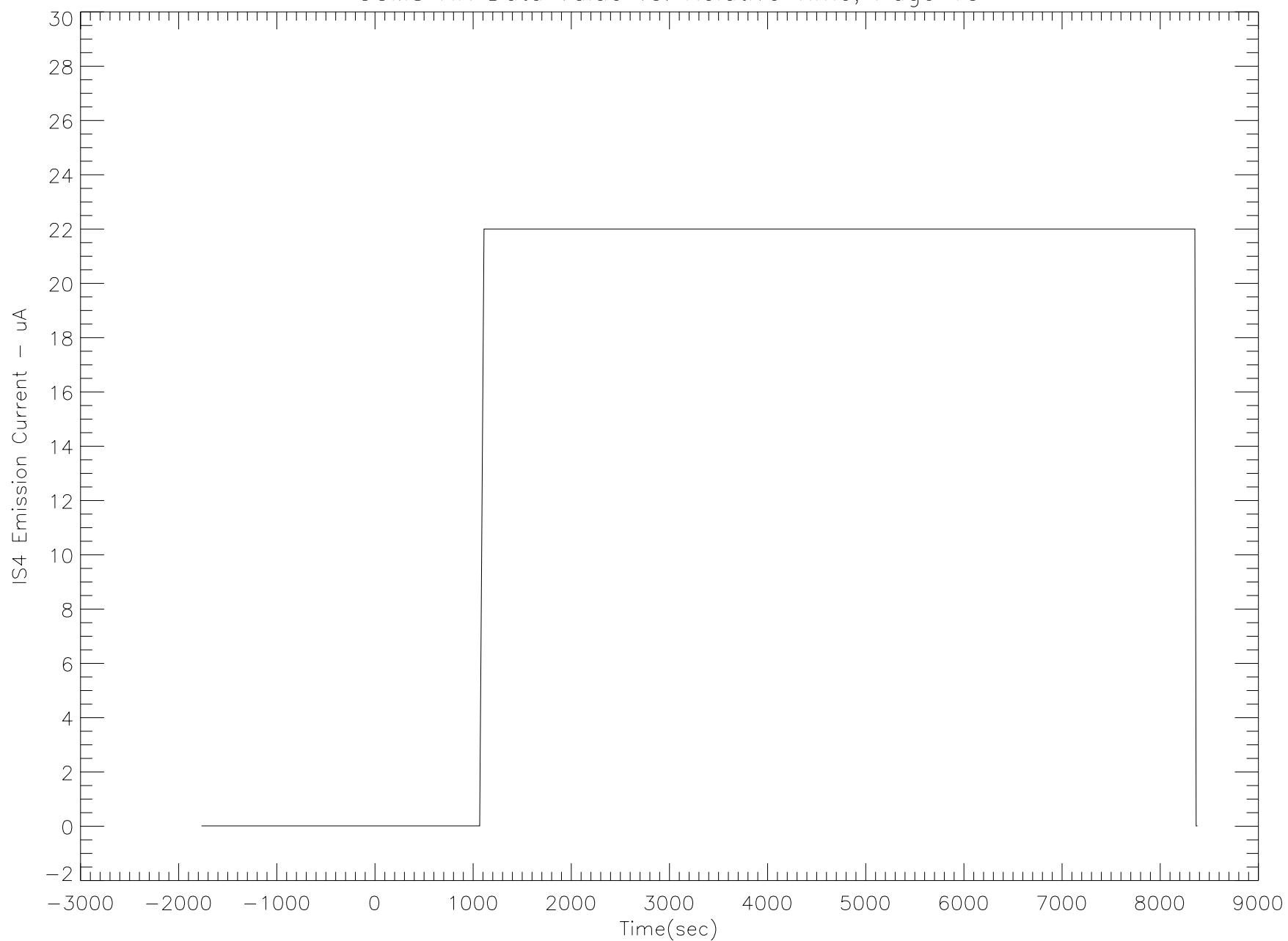


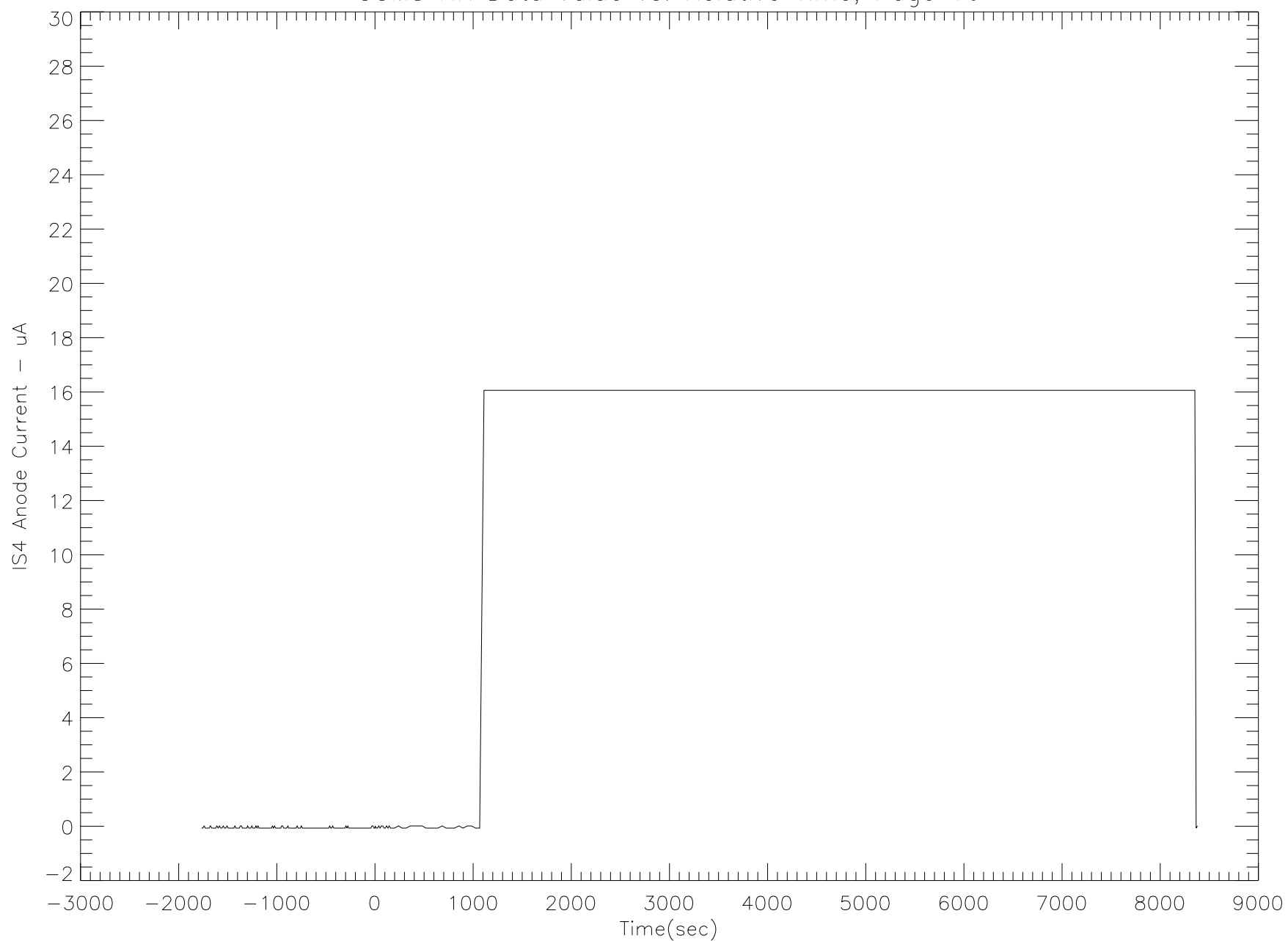
# GCMS HK Data Value vs. Relative Time, Page 13



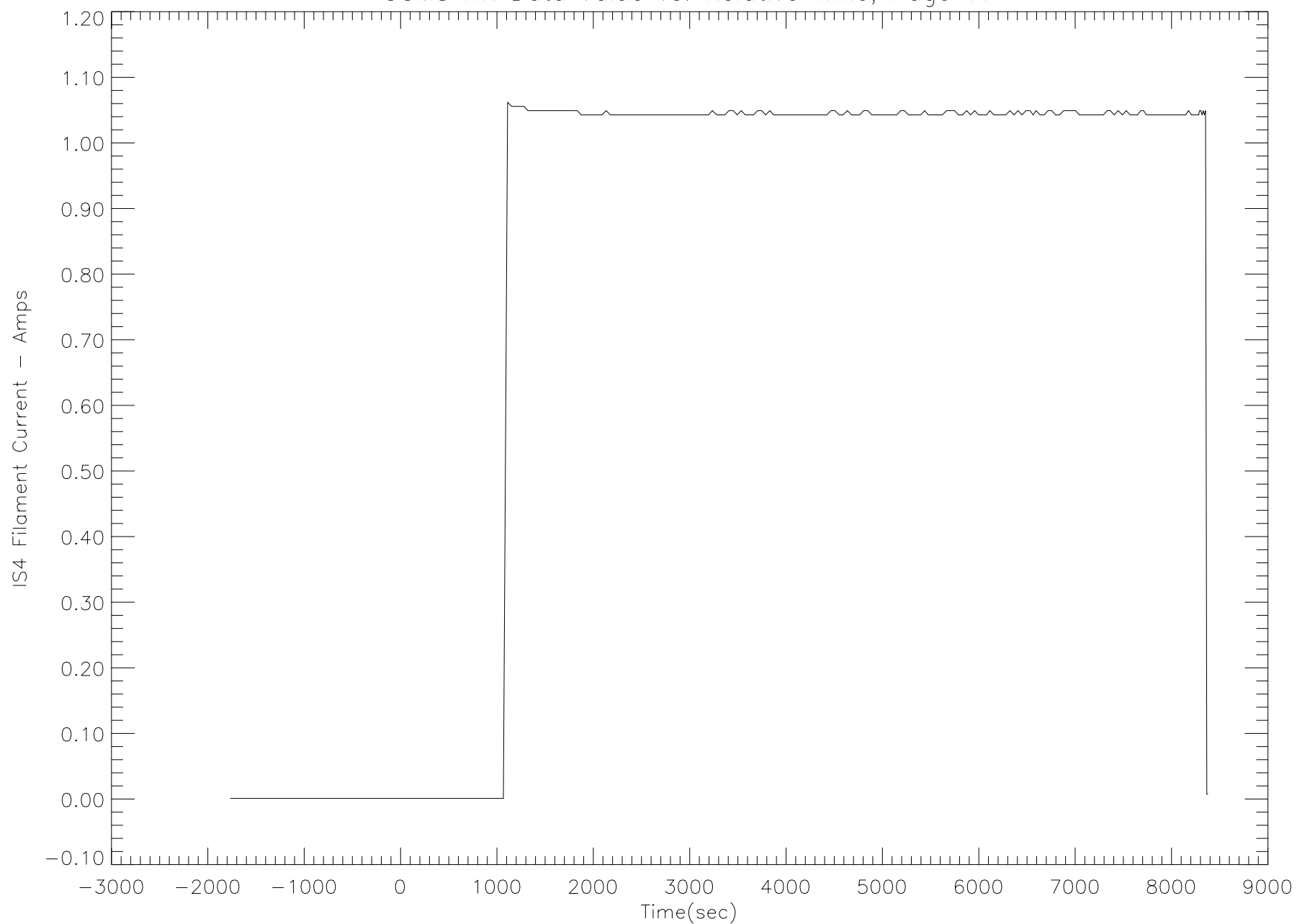
# GCMS HK Data Value vs. Relative Time, Page 14





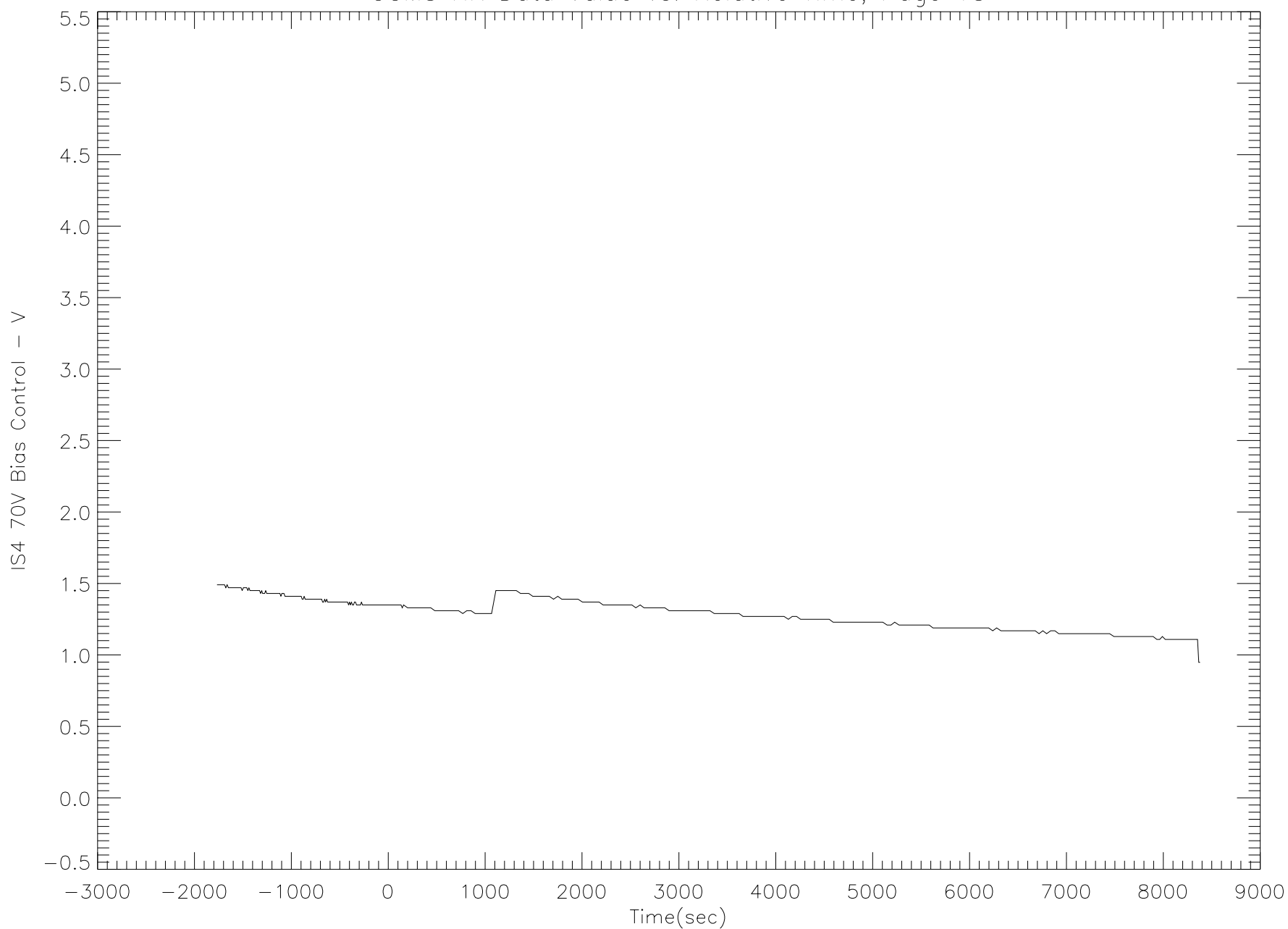


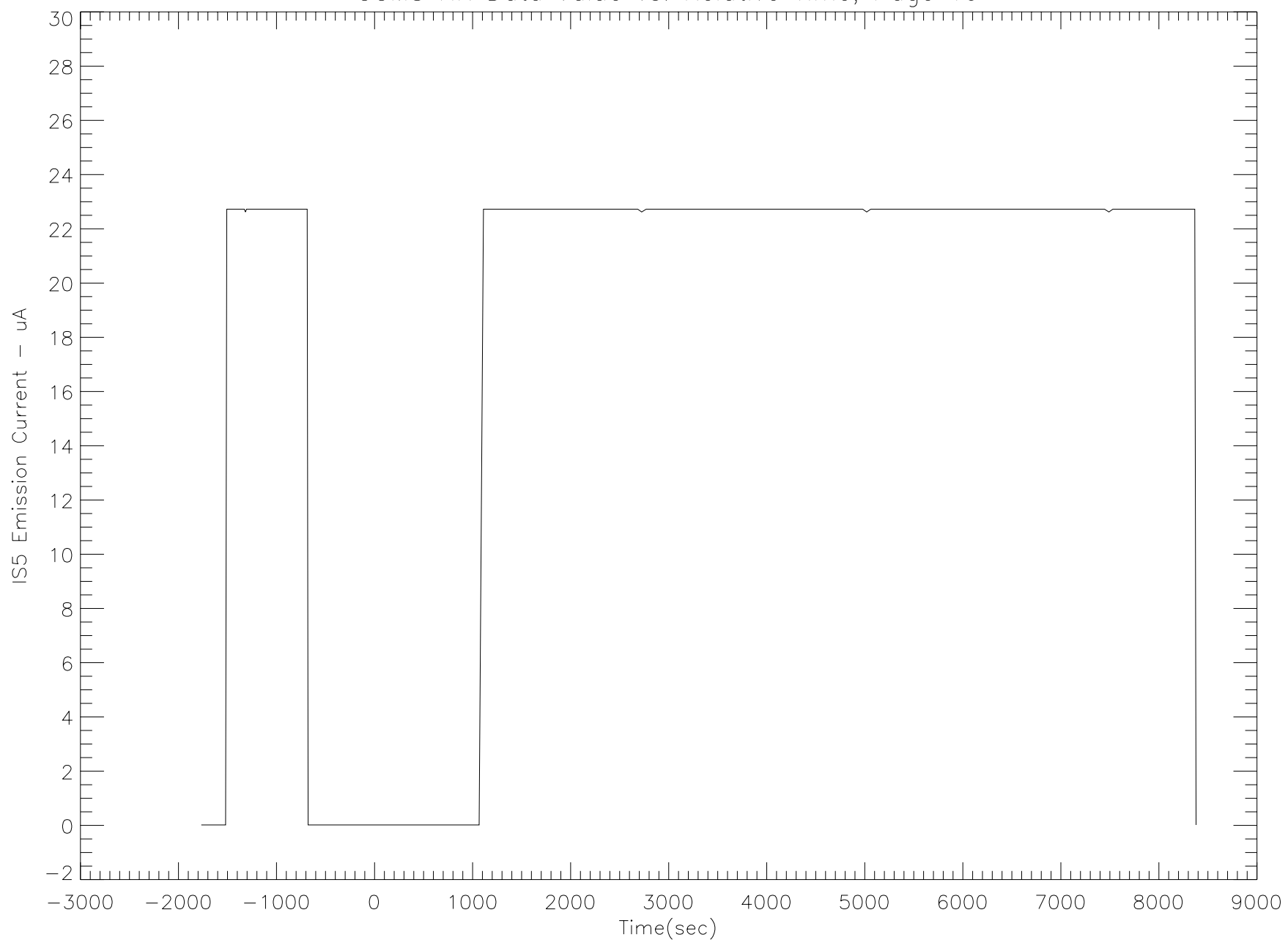
GCMS HK Data Value vs. Relative Time, Page 17



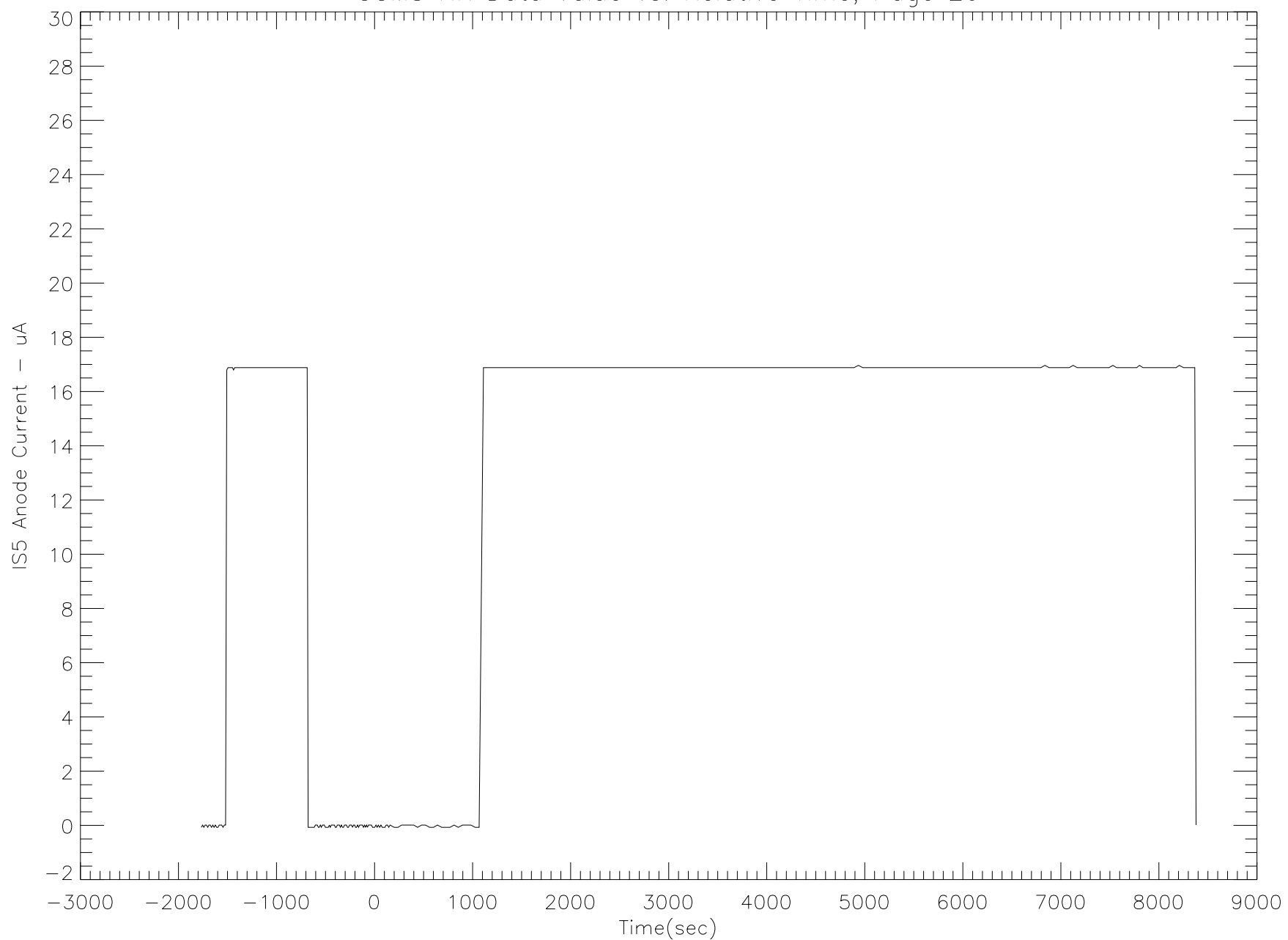


# GCMS HK Data Value vs. Relative Time, Page 18

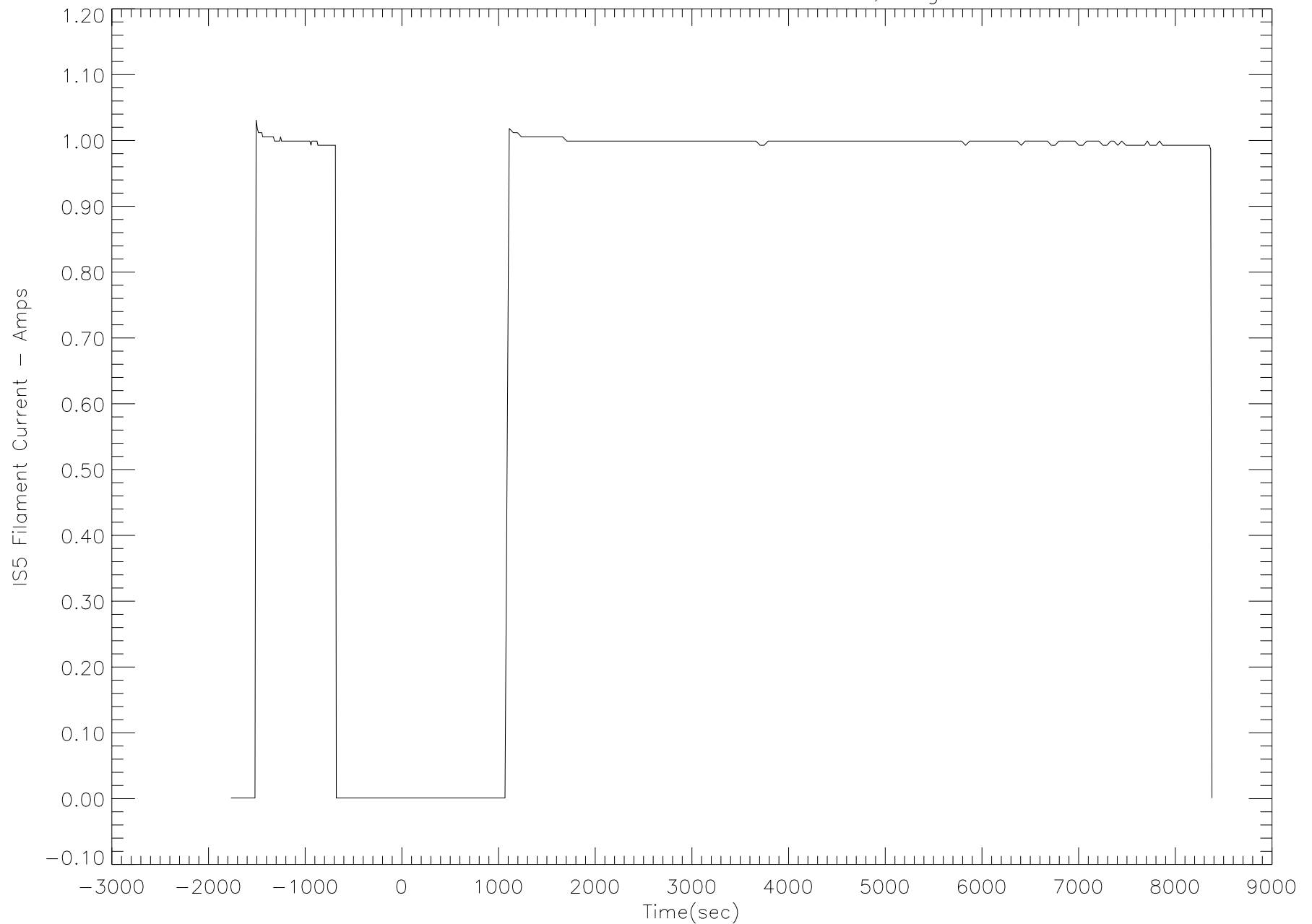




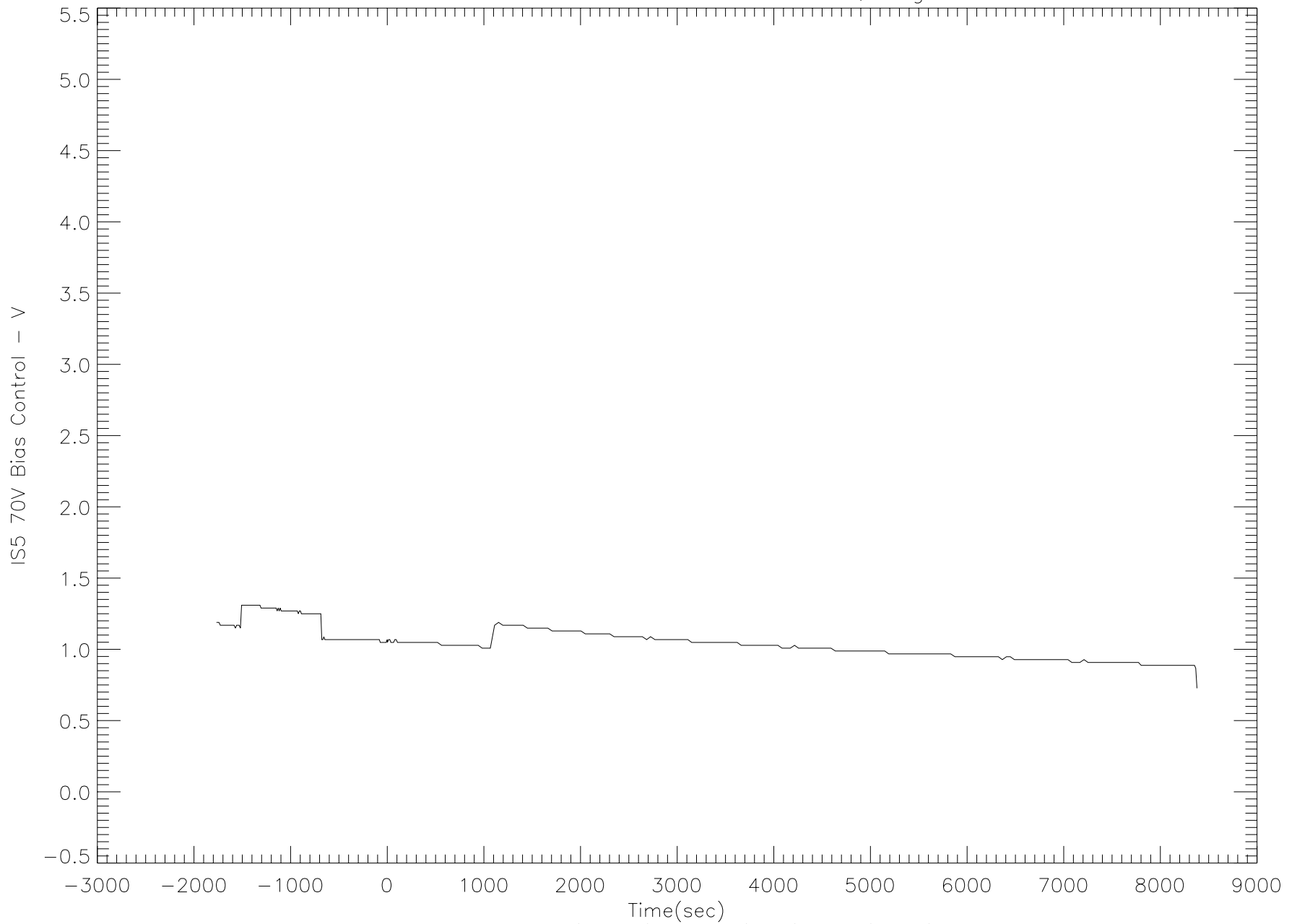
GCMS HK Data Value vs. Relative Time, Page 20



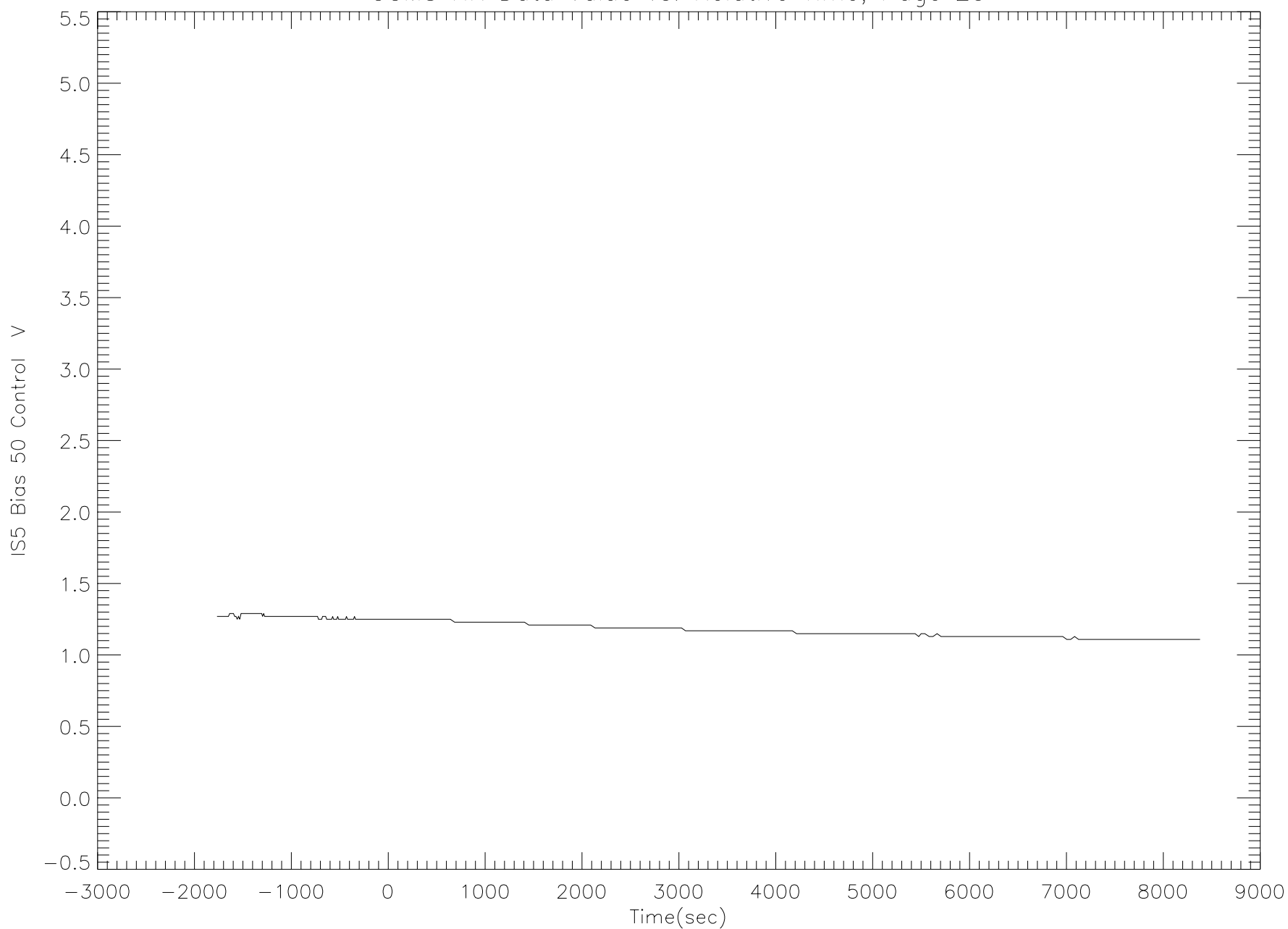
GCMS HK Data Value vs. Relative Time, Page 21



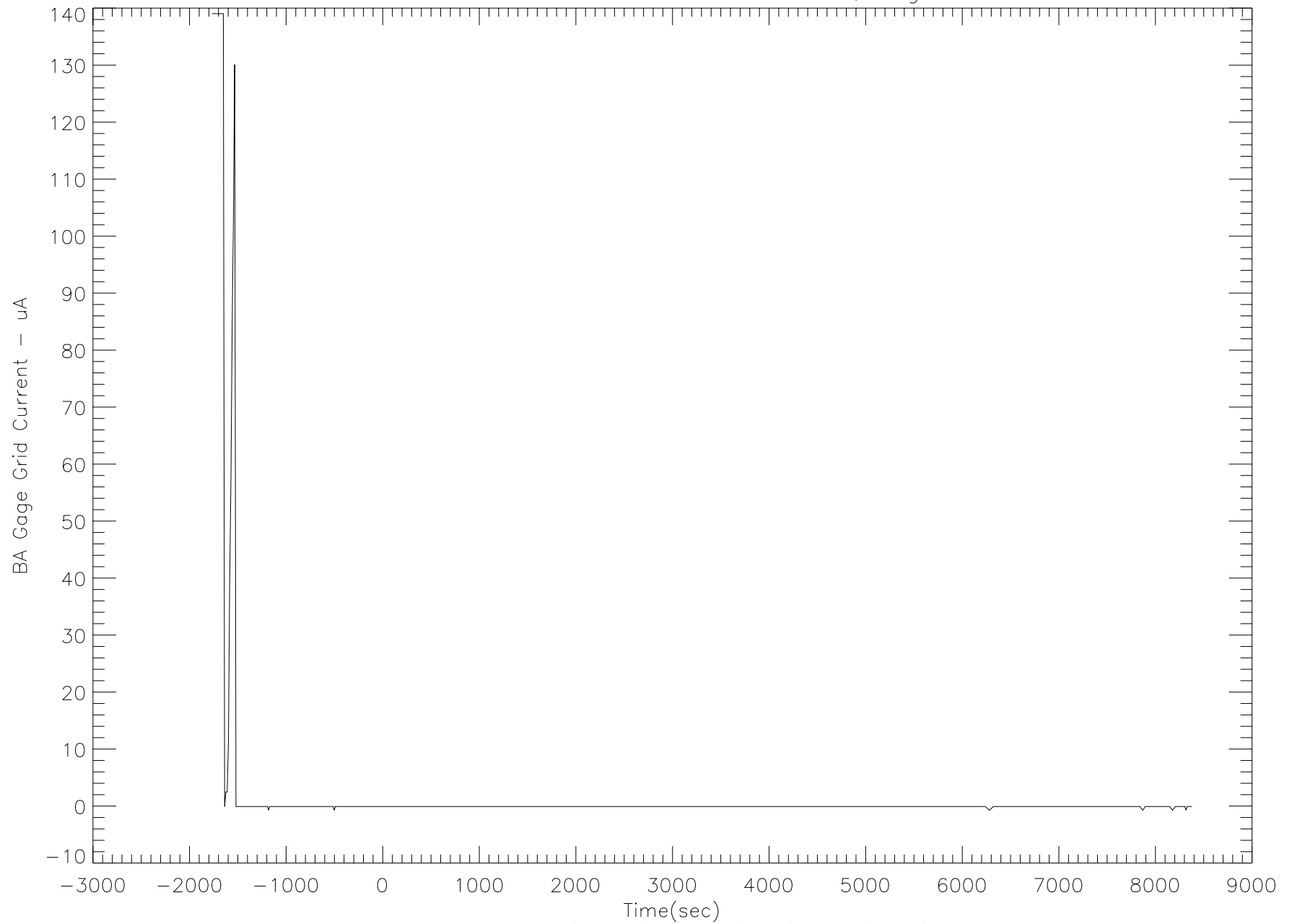
# GCMS HK Data Value vs. Relative Time, Page 22



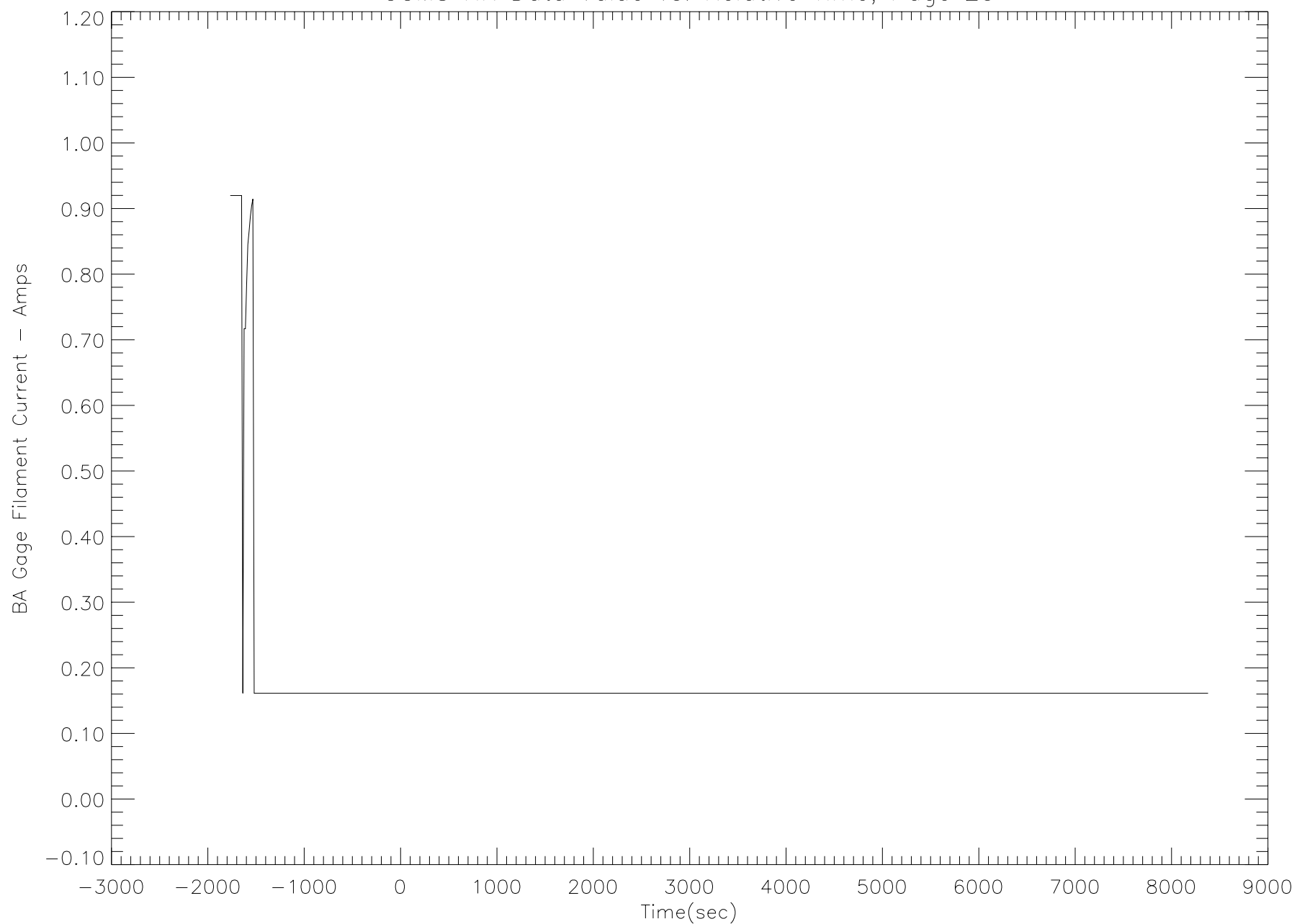
# GCMS HK Data Value vs. Relative Time, Page 23



GCMS HK Data Value vs. Relative Time, Page 24

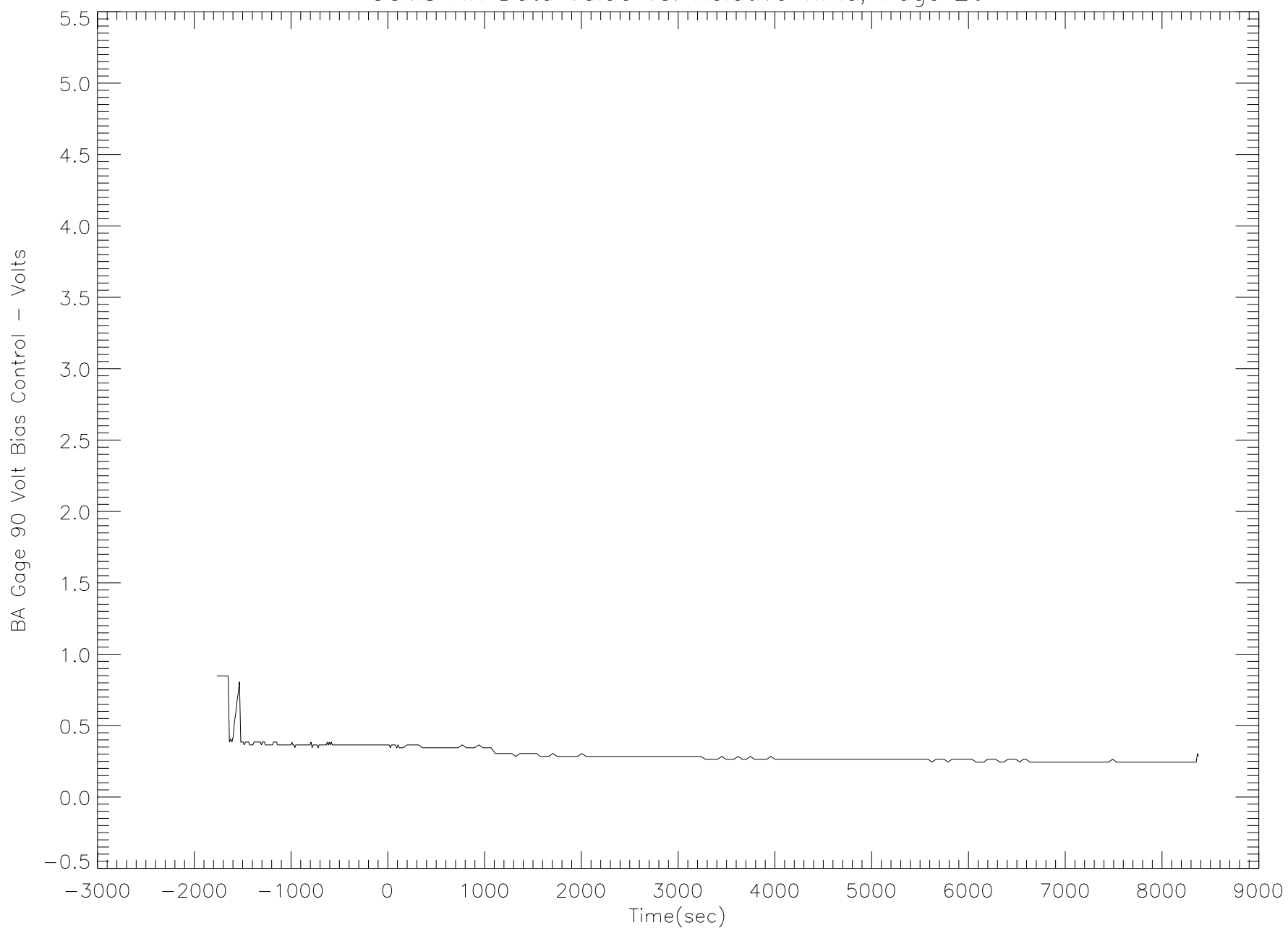


GCMS HK Data Value vs. Relative Time, Page 25

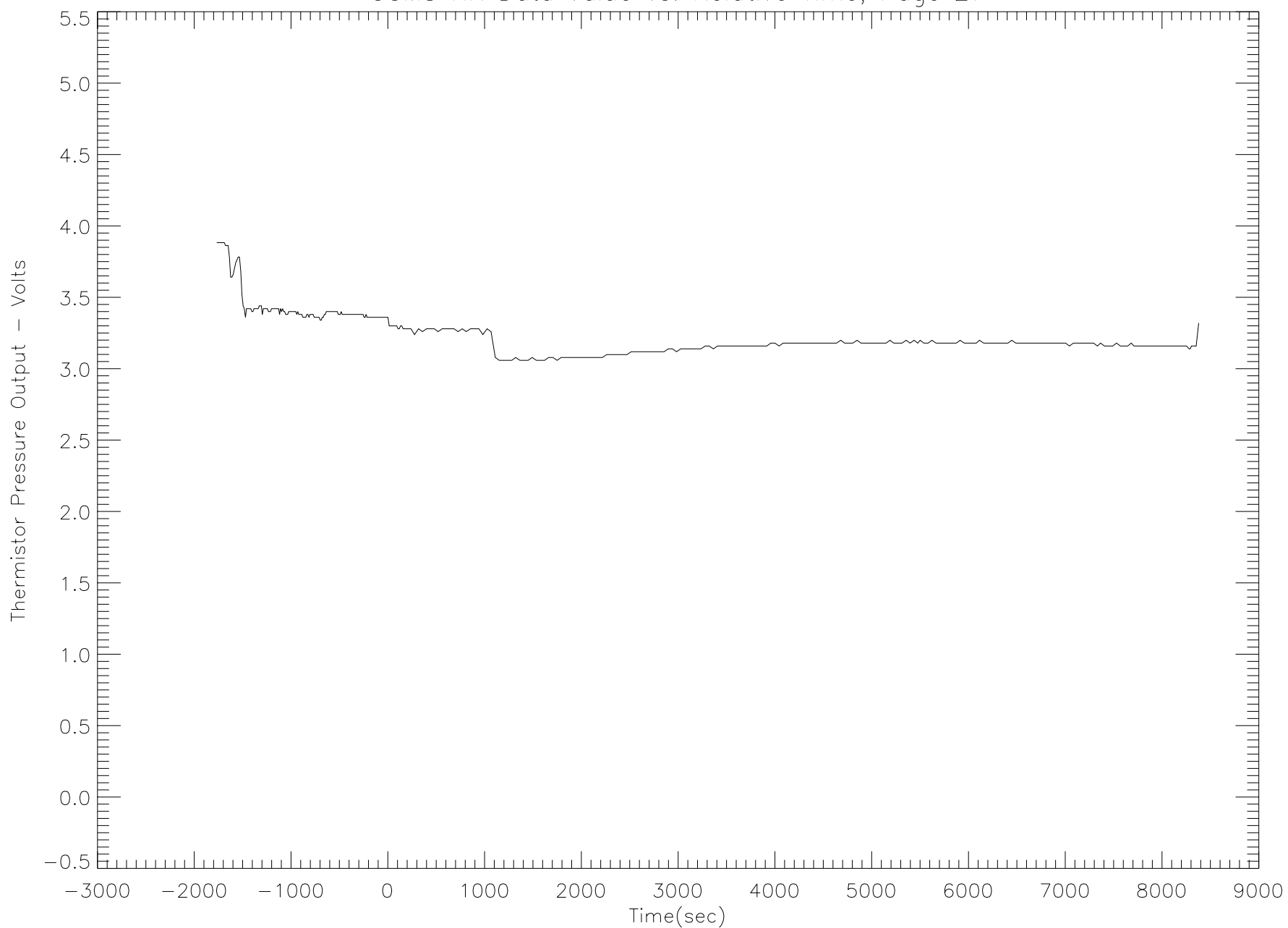




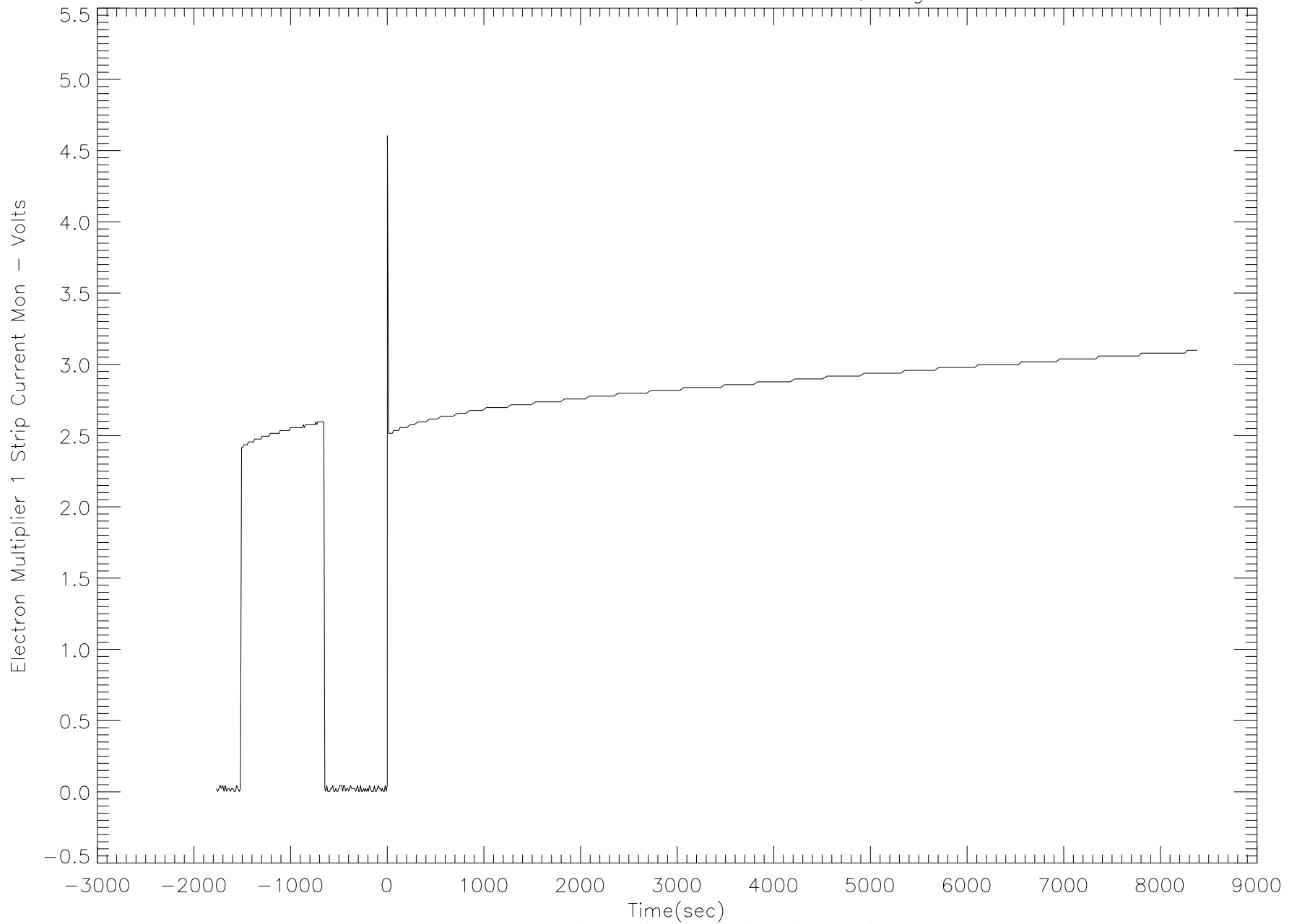
# GCMS HK Data Value vs. Relative Time, Page 26



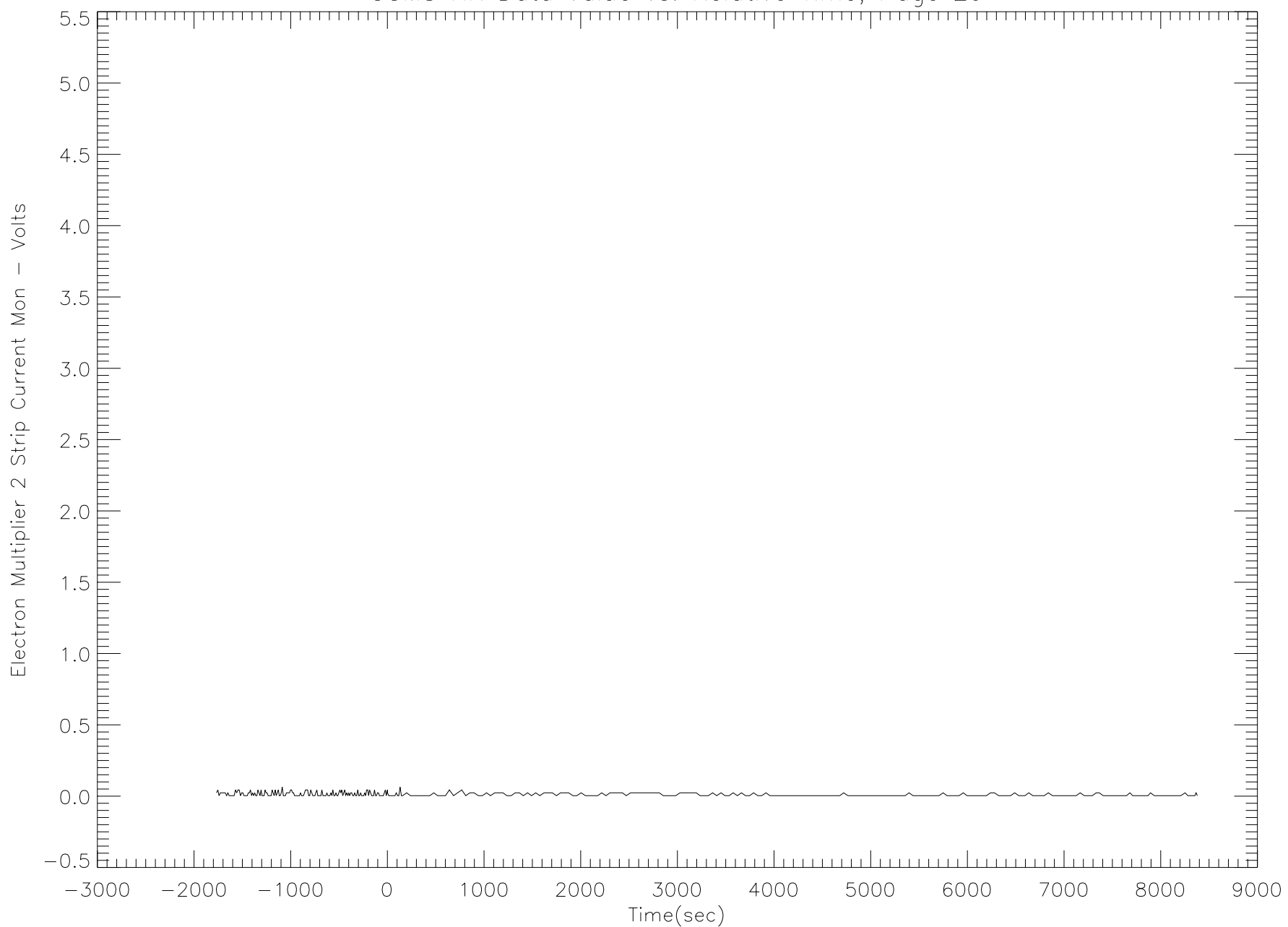
GCMS HK Data Value vs. Relative Time, Page 27



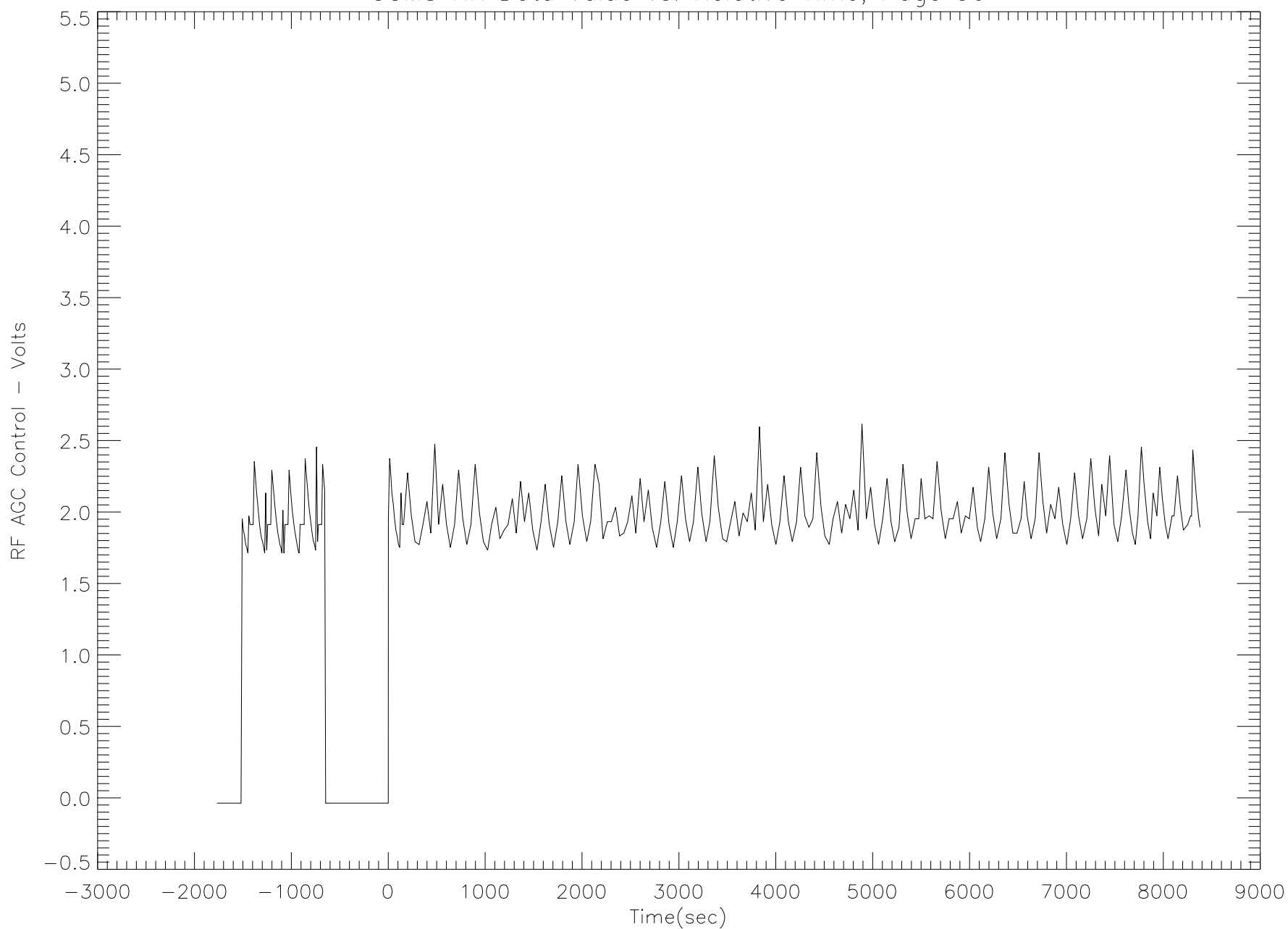
GCMS HK Data Value vs. Relative Time, Page 28

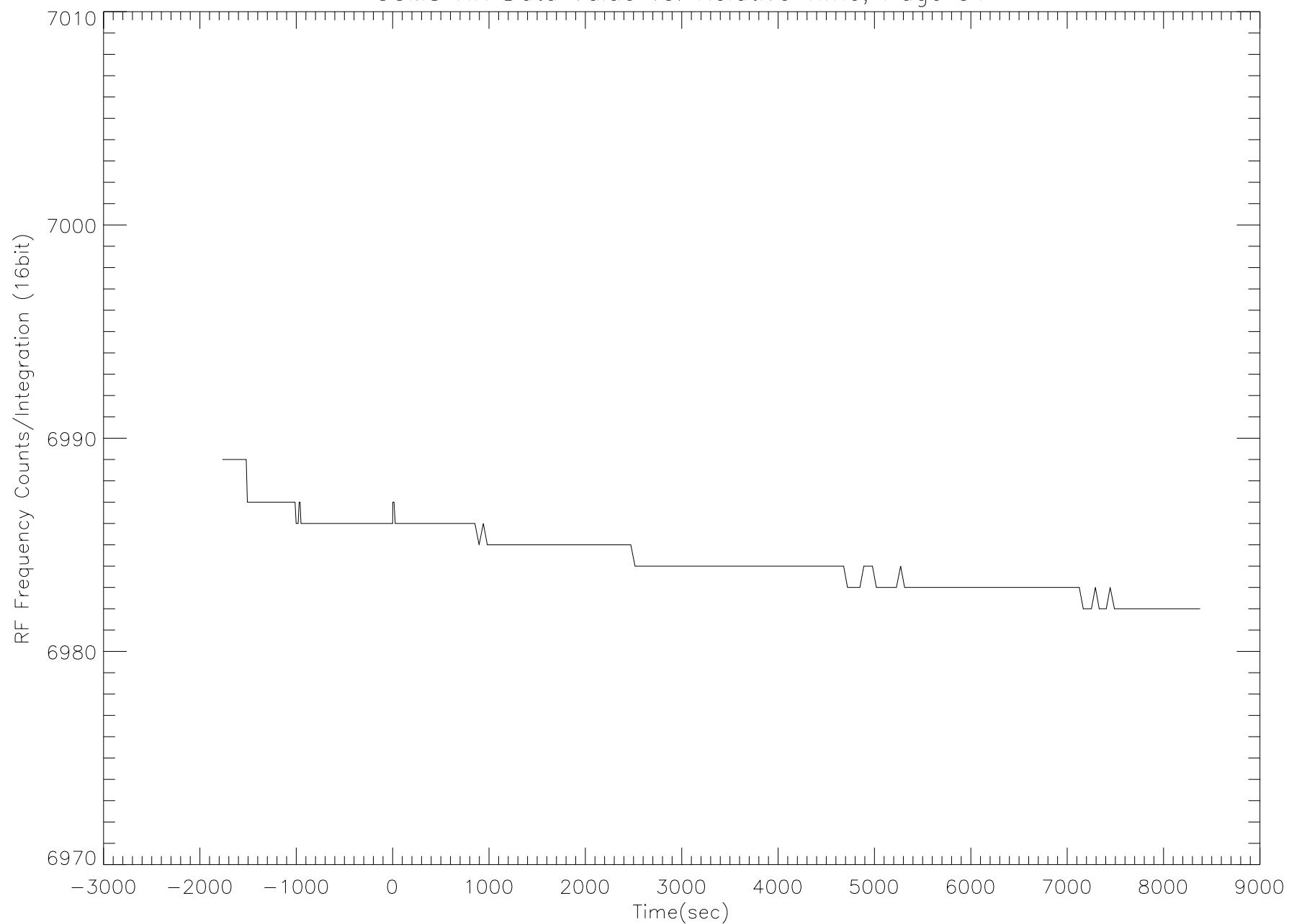


GCMS HK Data Value vs. Relative Time, Page 29

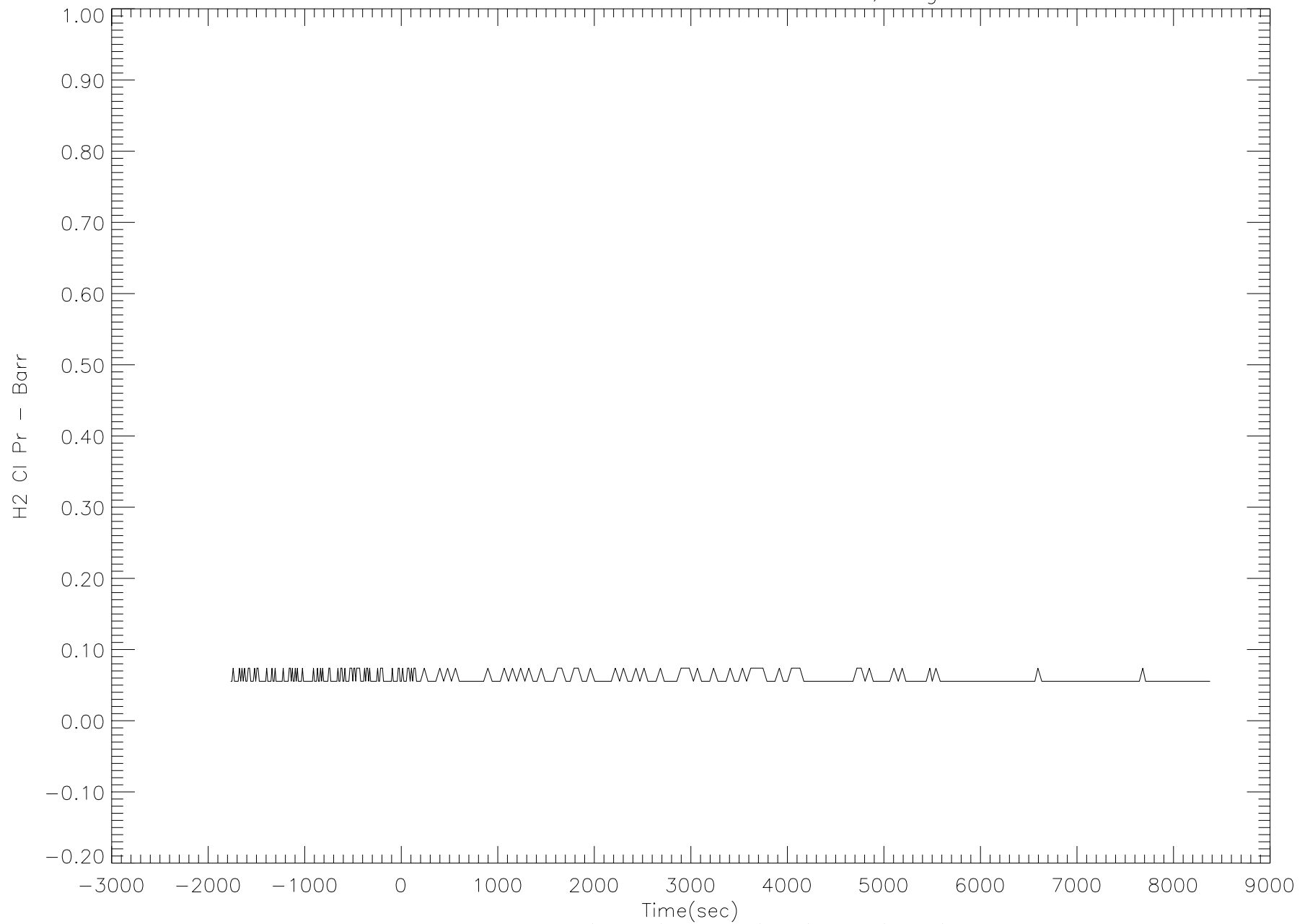


# GCMS HK Data Value vs. Relative Time, Page 30

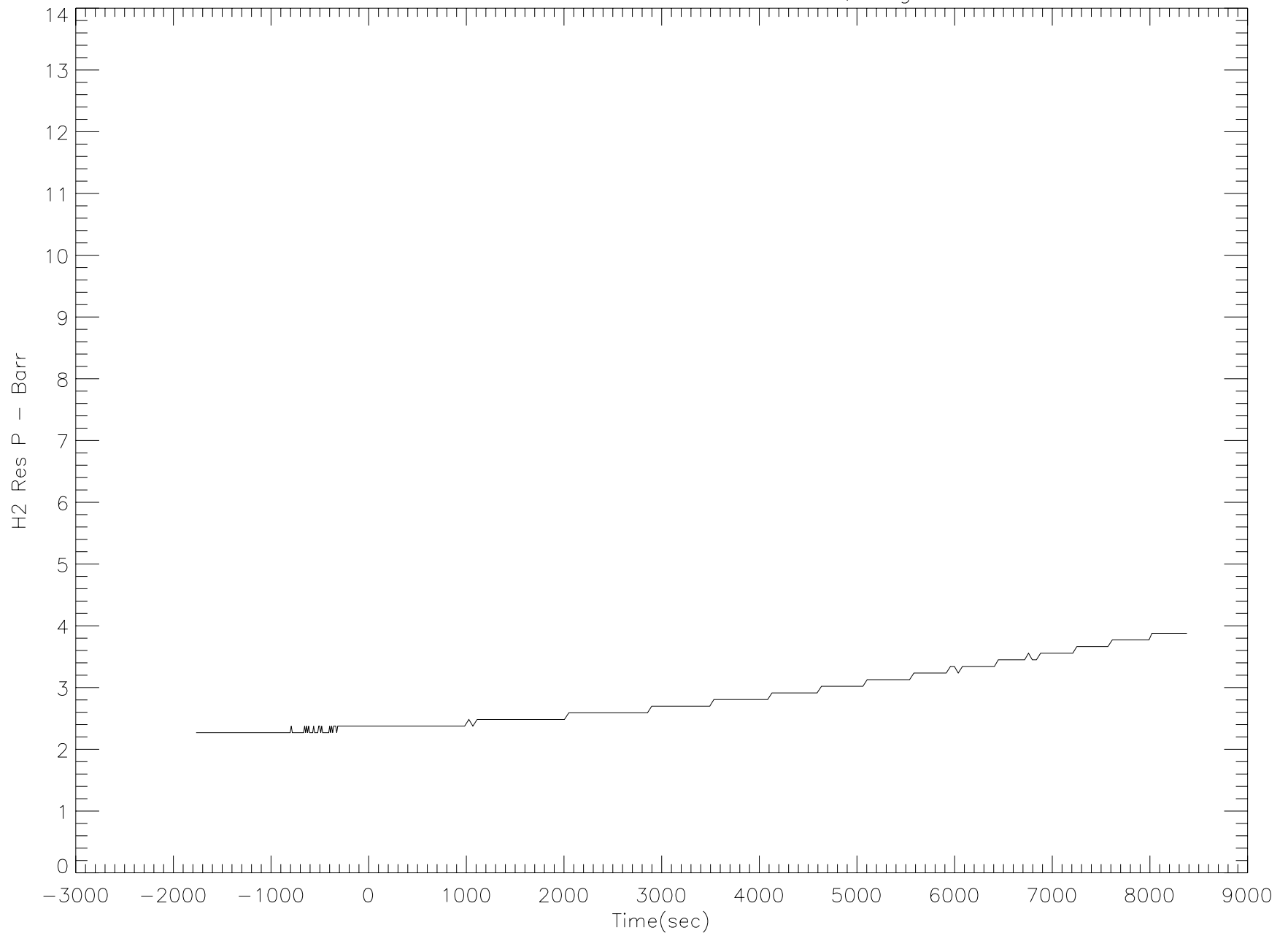




GCMS HK Data Value vs. Relative Time, Page 32

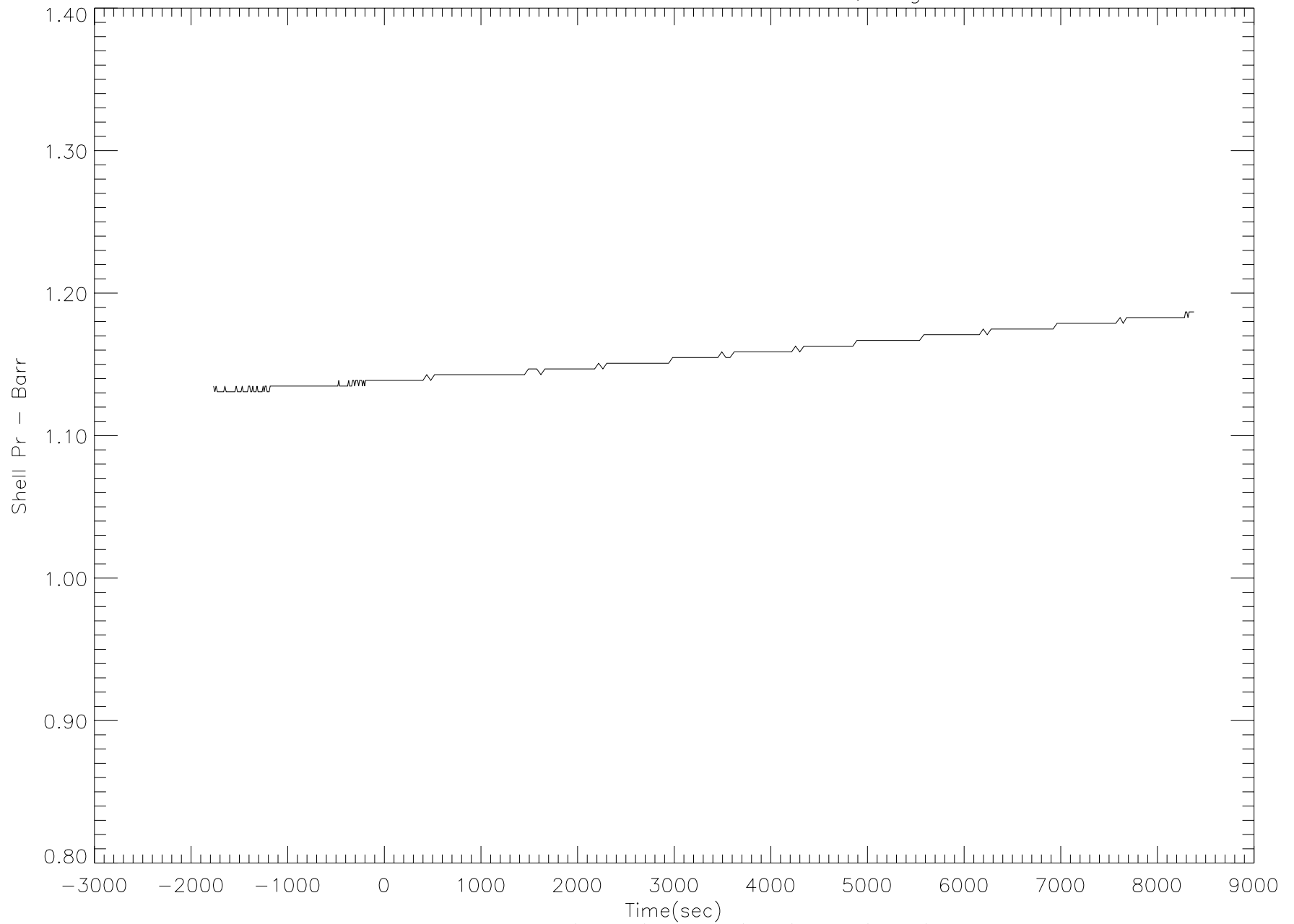


GCMS HK Data Value vs. Relative Time, Page 33

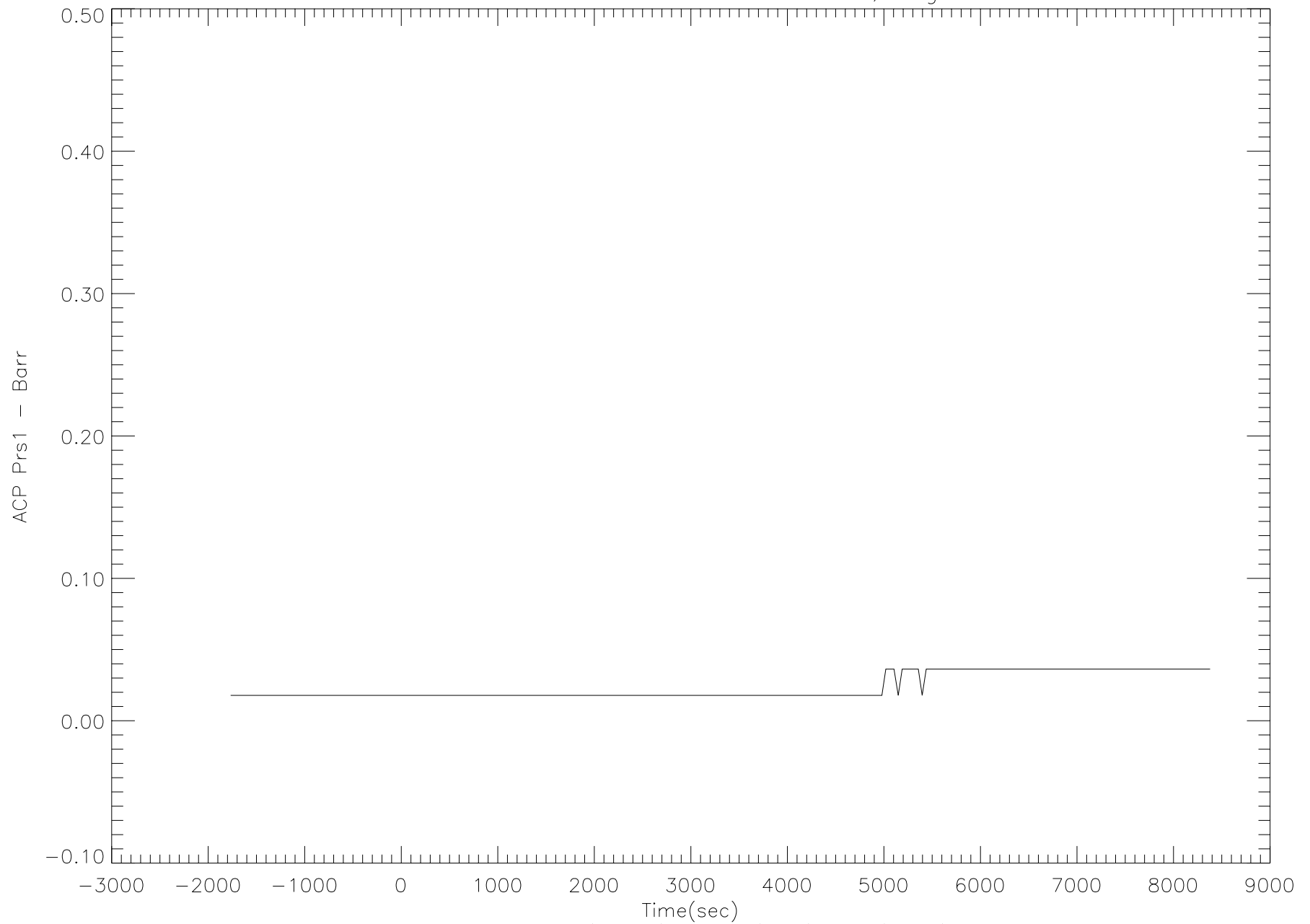




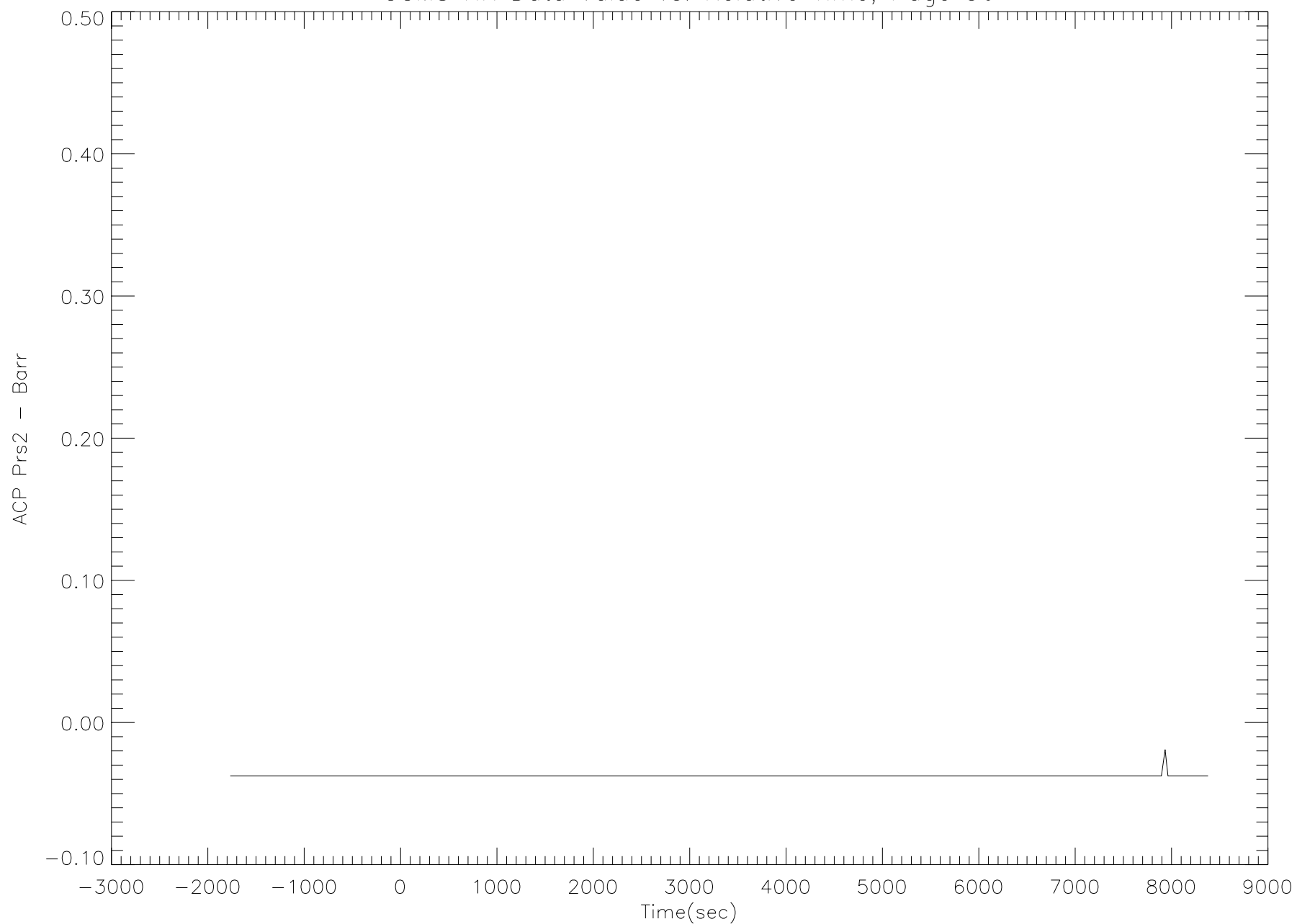
# GCMS HK Data Value vs. Relative Time, Page 34



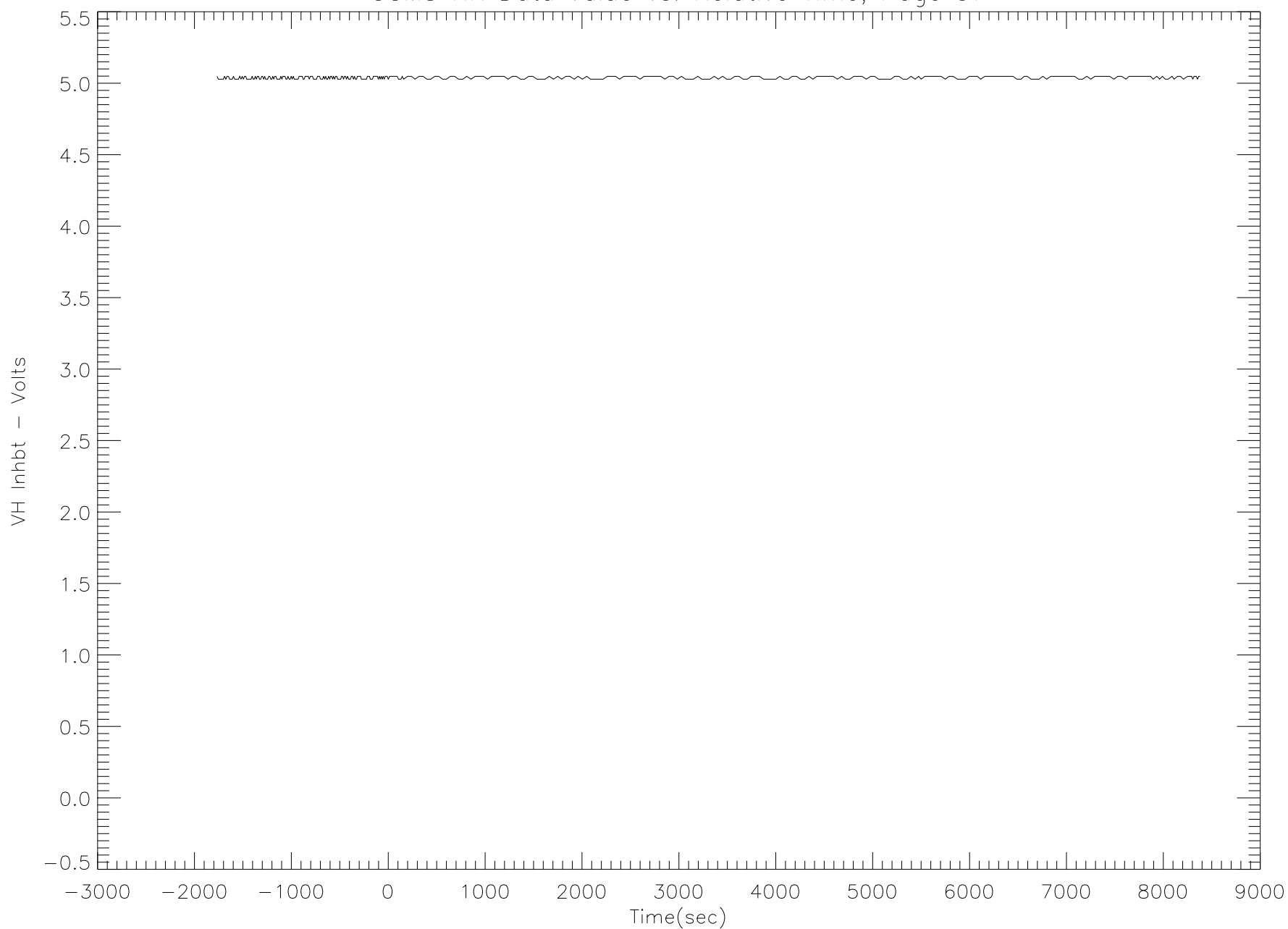
GCMS HK Data Value vs. Relative Time, Page 35



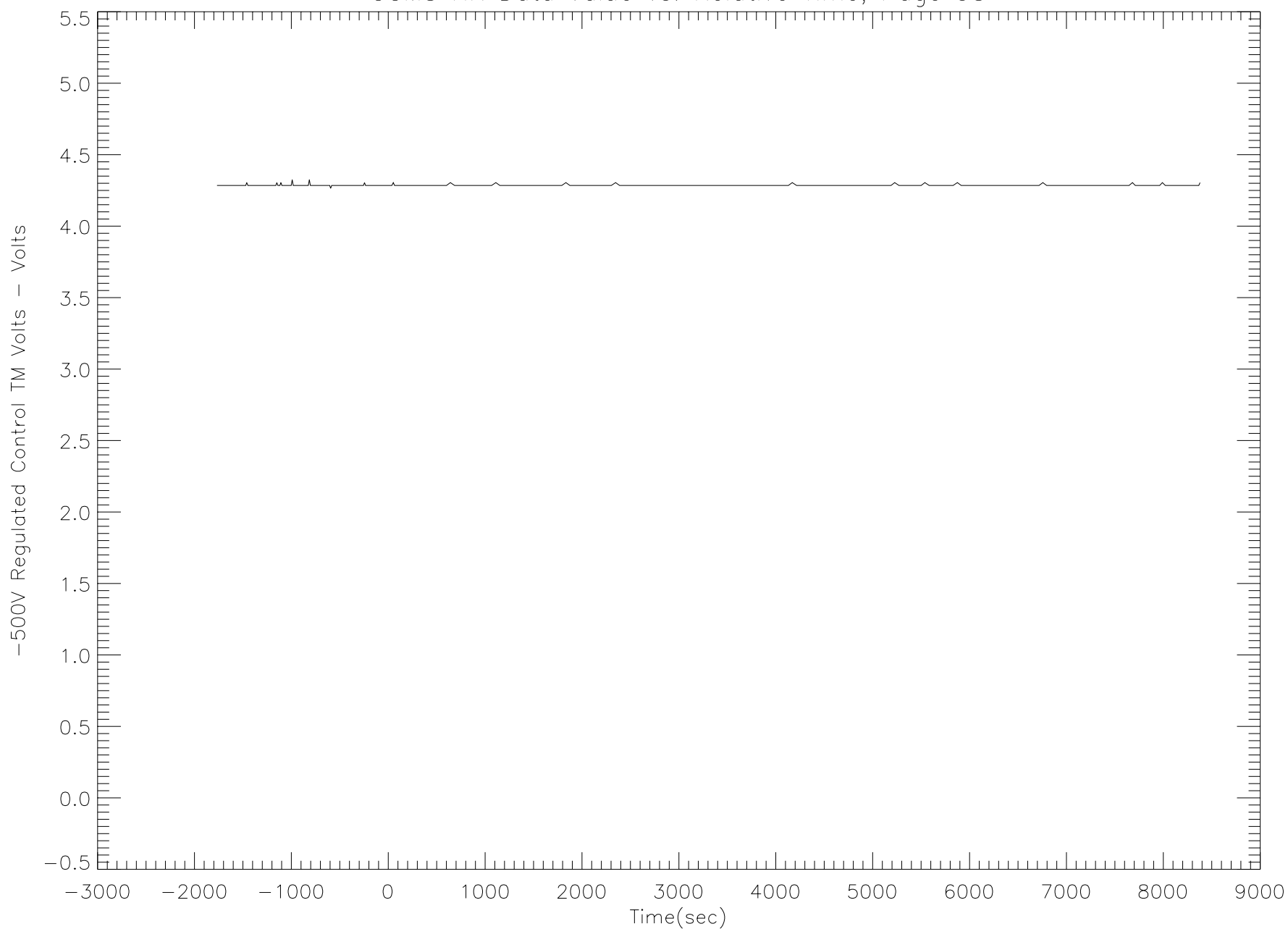
GCMS HK Data Value vs. Relative Time, Page 36



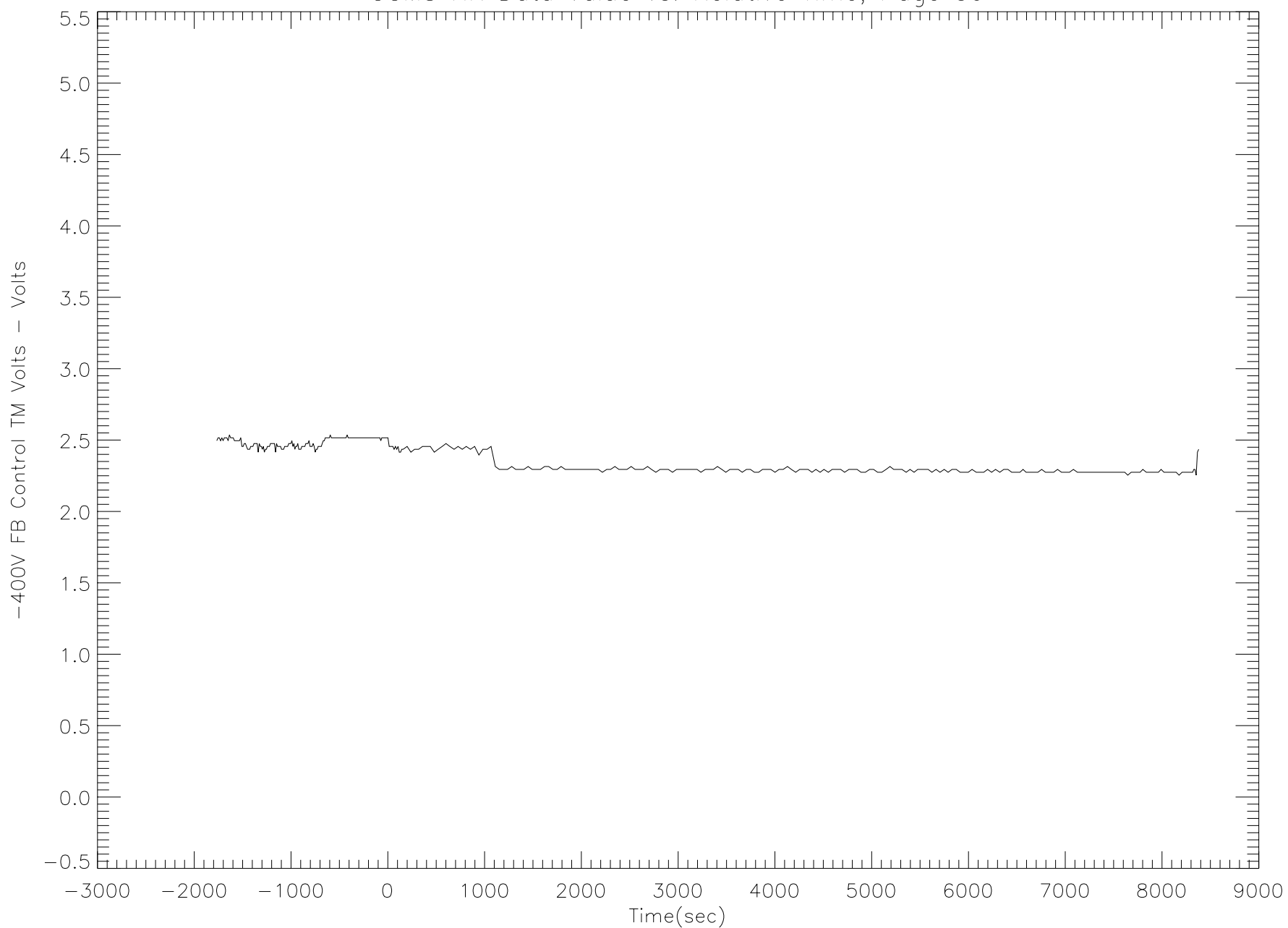
GCMS HK Data Value vs. Relative Time, Page 37



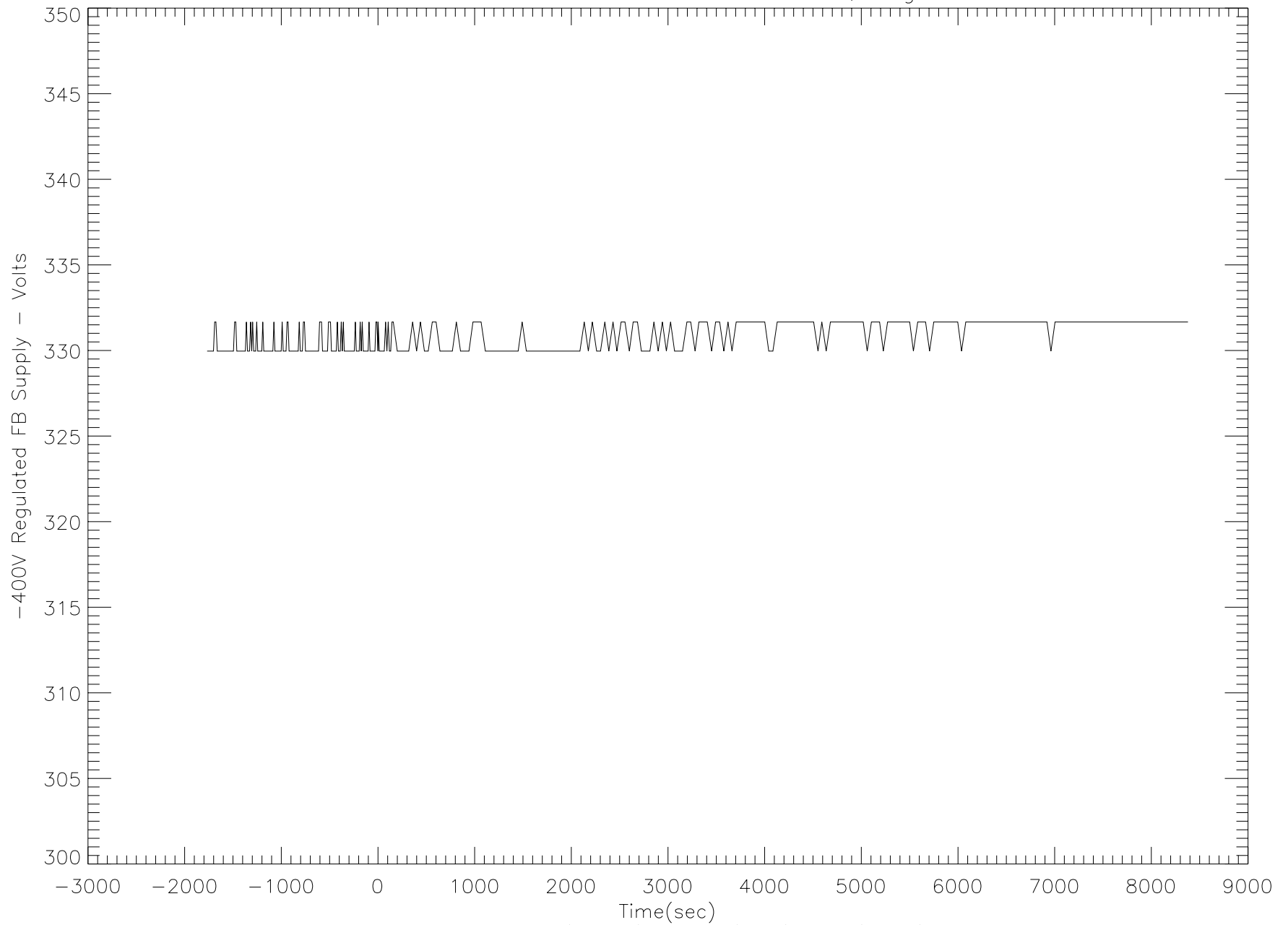
# GCMS HK Data Value vs. Relative Time, Page 38



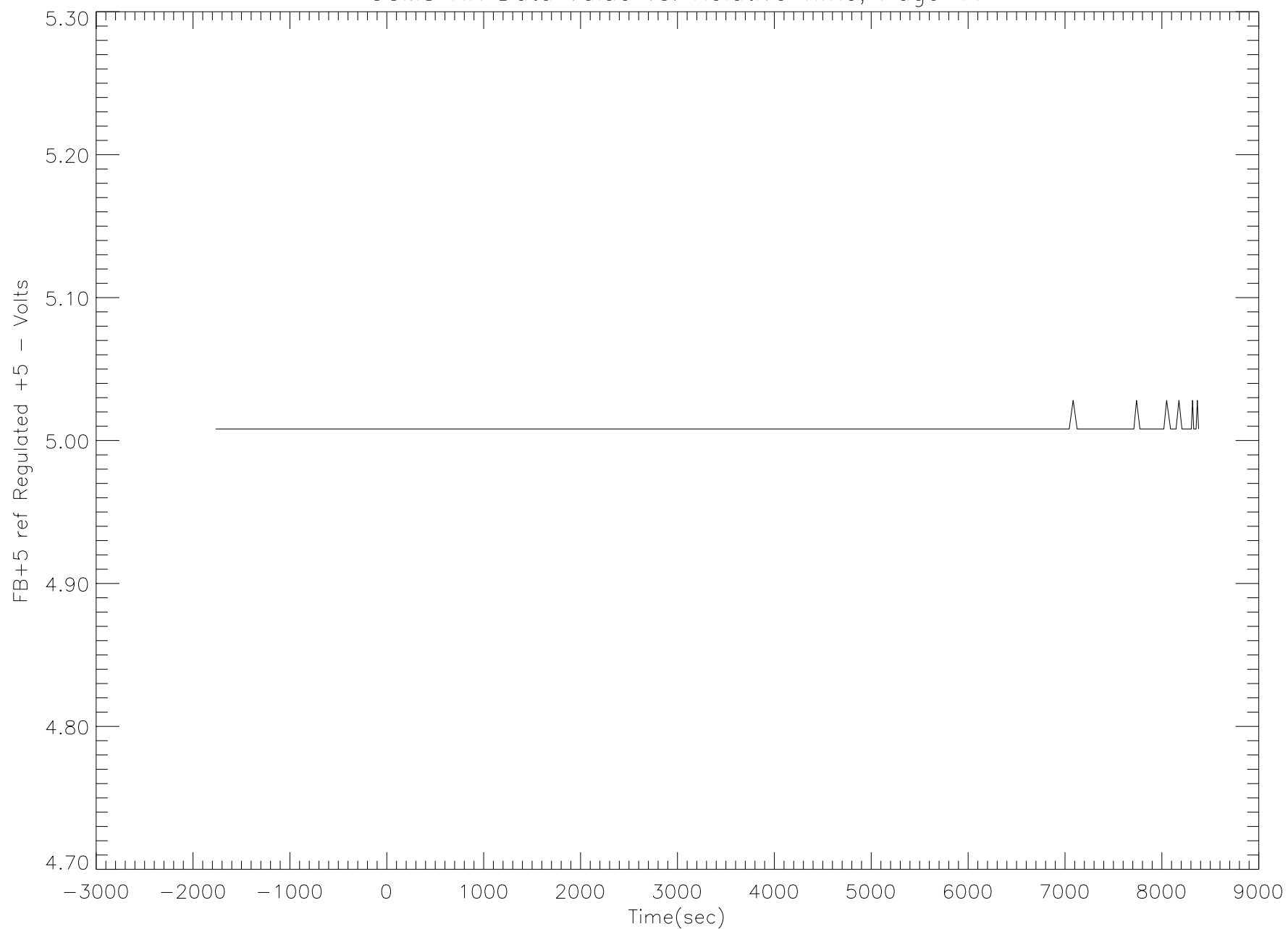
# GCMS HK Data Value vs. Relative Time, Page 39



GCMS HK Data Value vs. Relative Time, Page 40

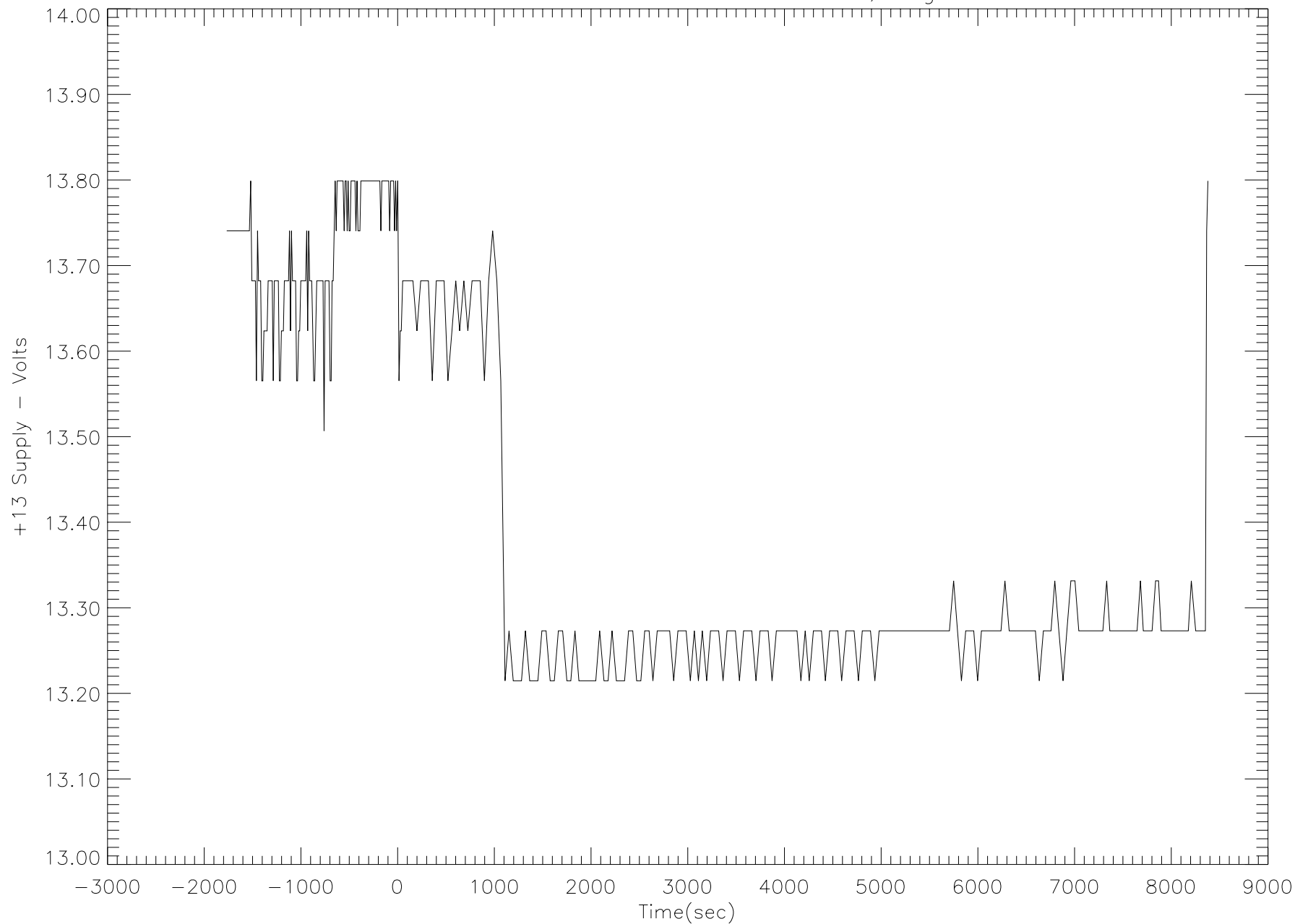


# GCMS HK Data Value vs. Relative Time, Page 41

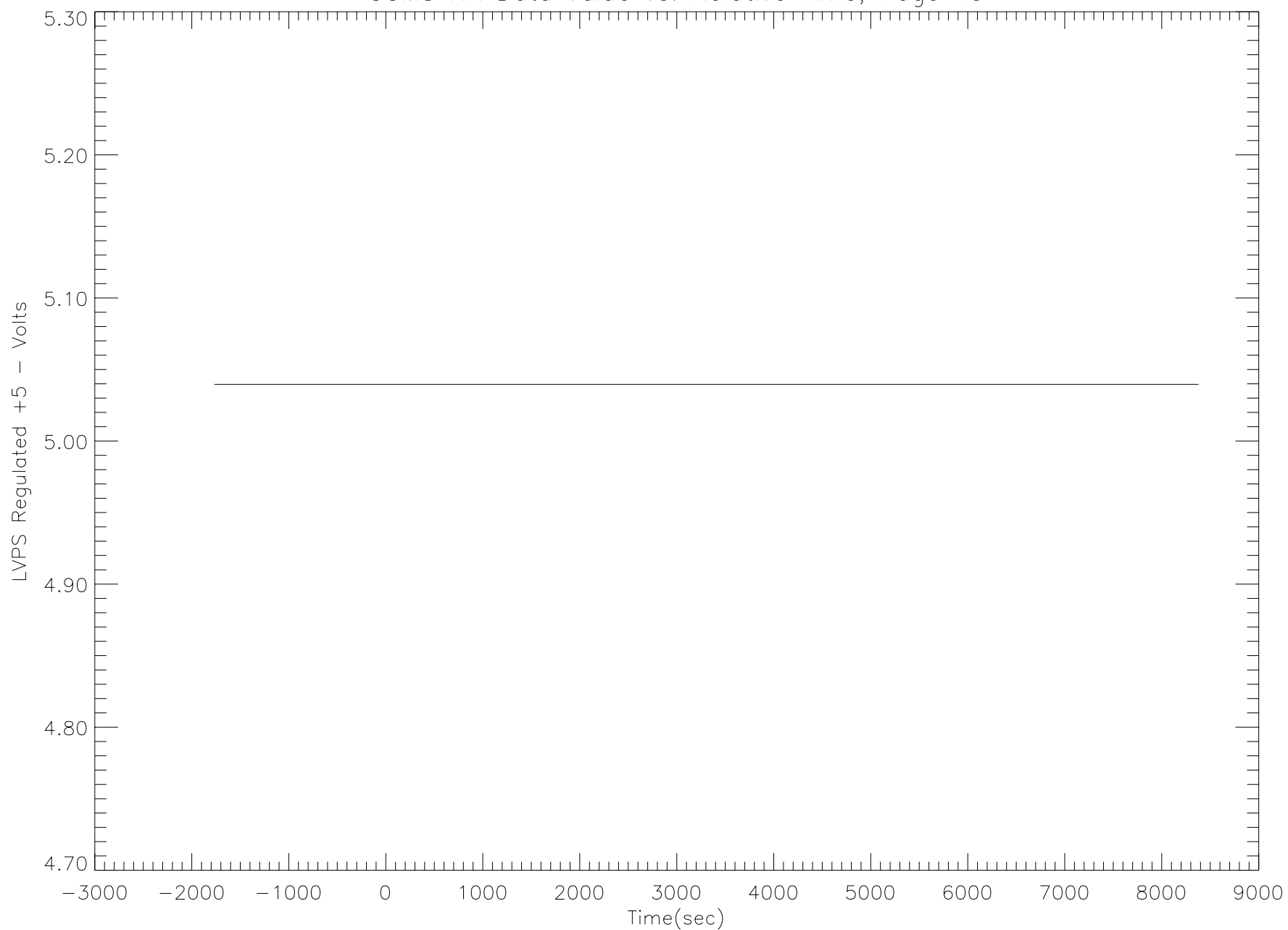




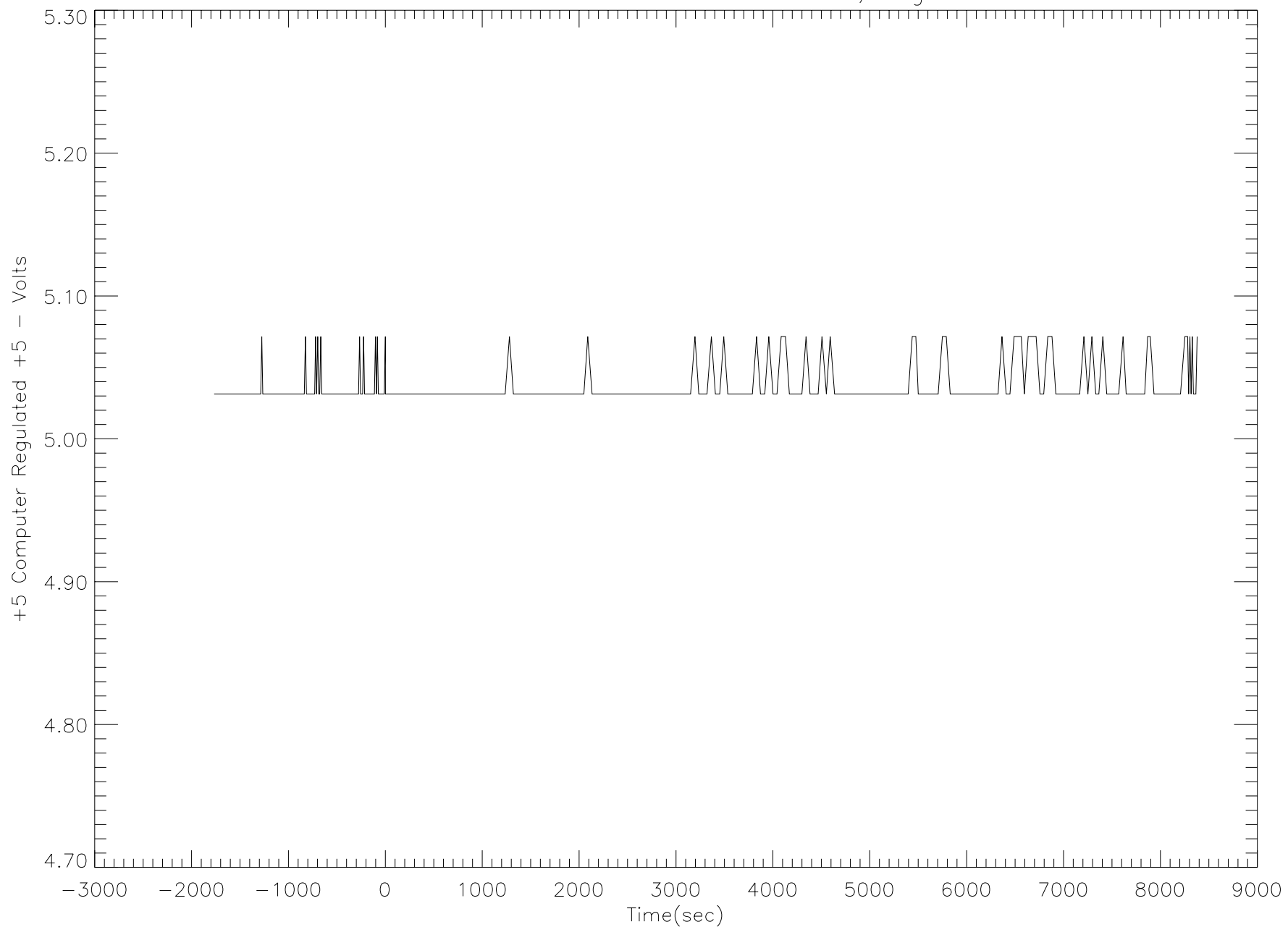
# GCMS HK Data Value vs. Relative Time, Page 42



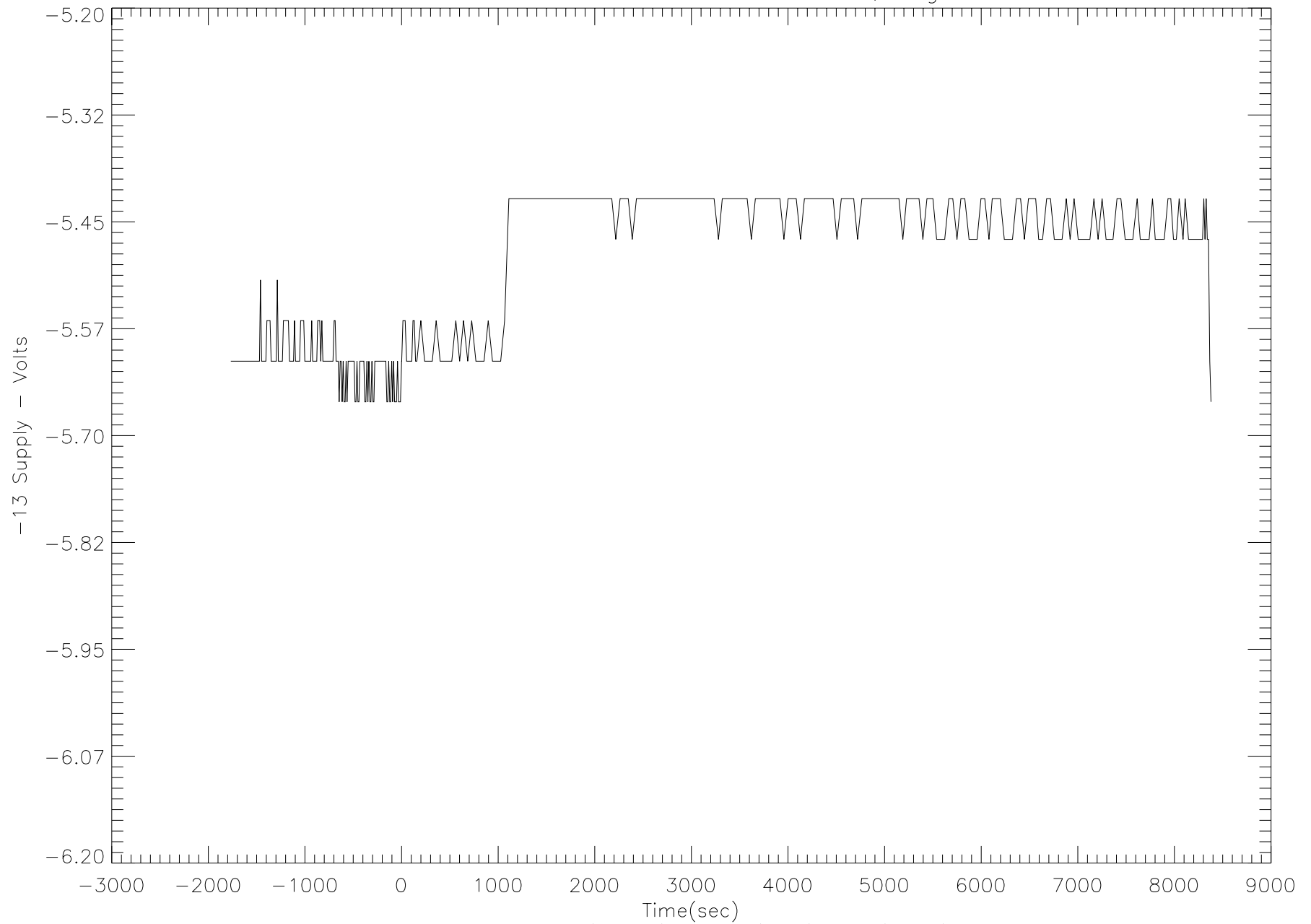
GCMS HK Data Value vs. Relative Time, Page 43



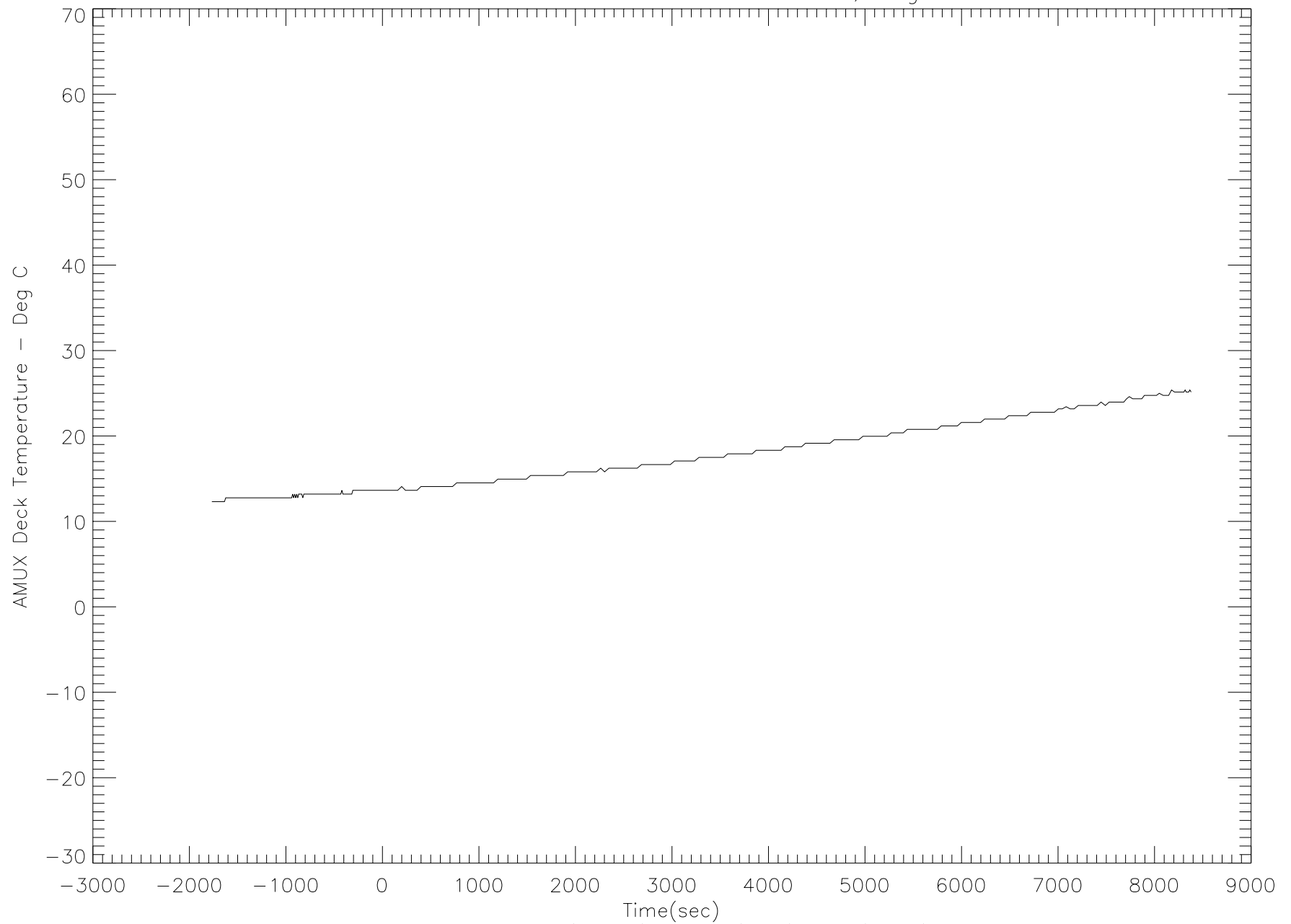
GCMS HK Data Value vs. Relative Time, Page 44



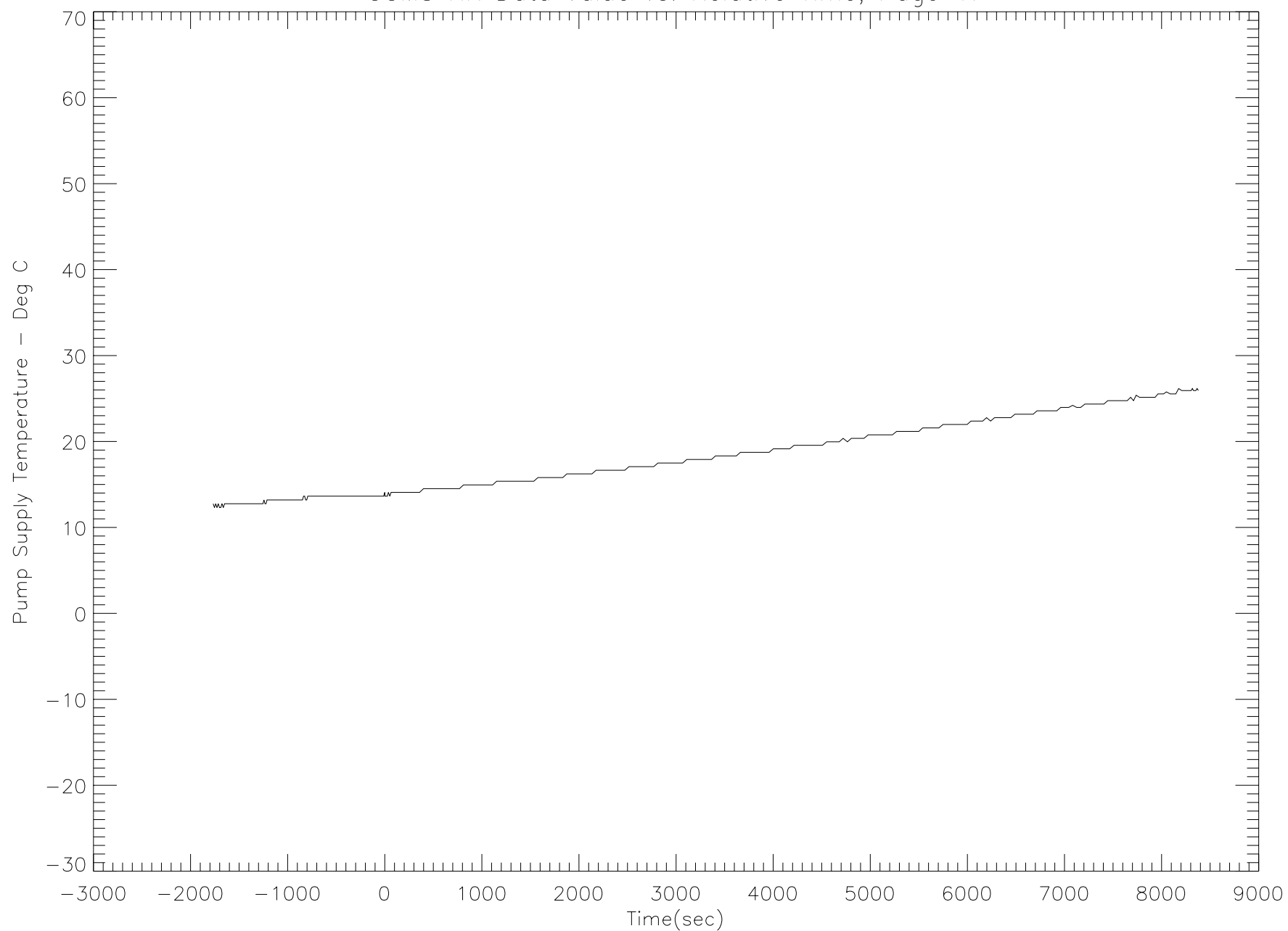
GCMS HK Data Value vs. Relative Time, Page 45



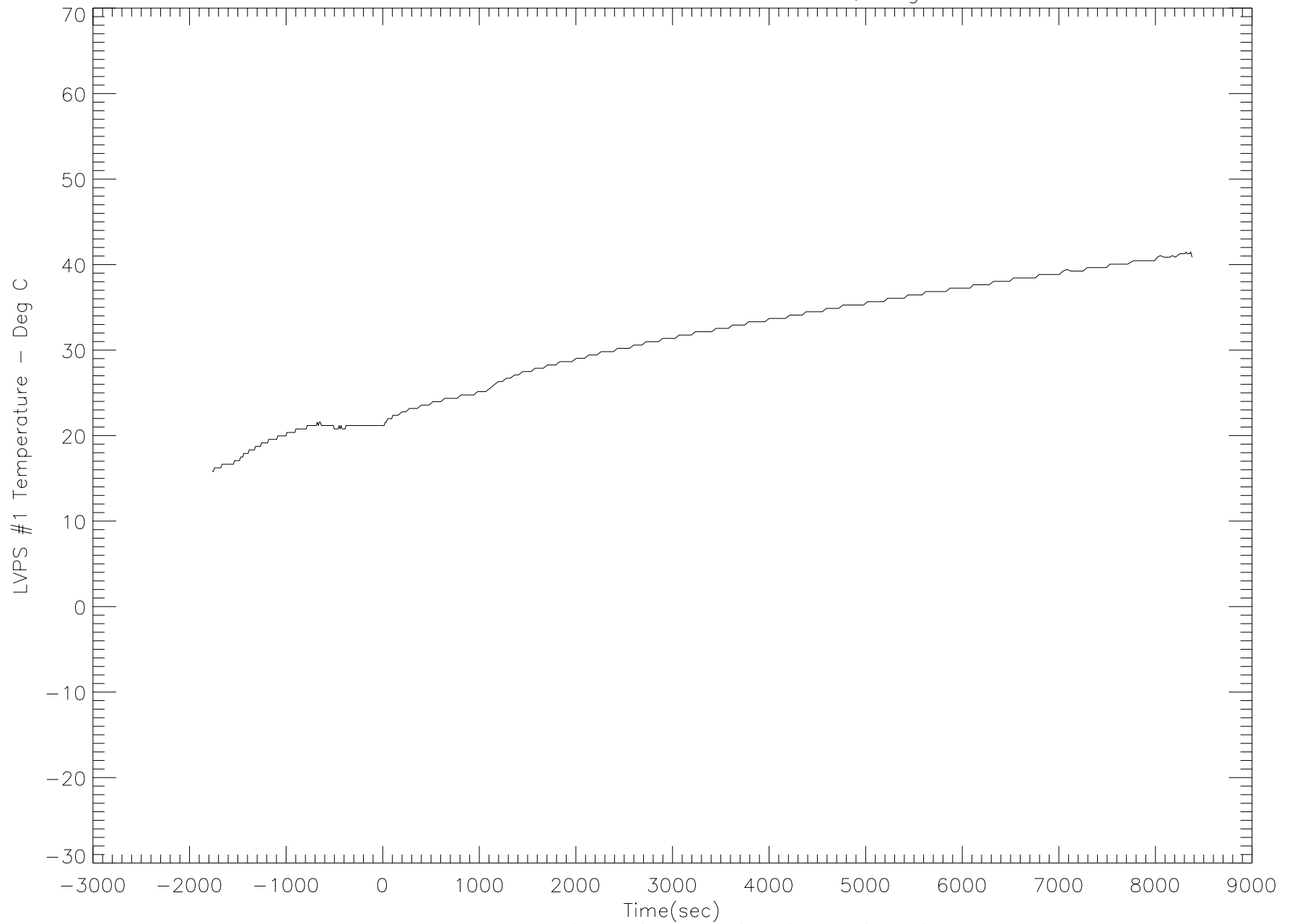
GCMS HK Data Value vs. Relative Time, Page 46



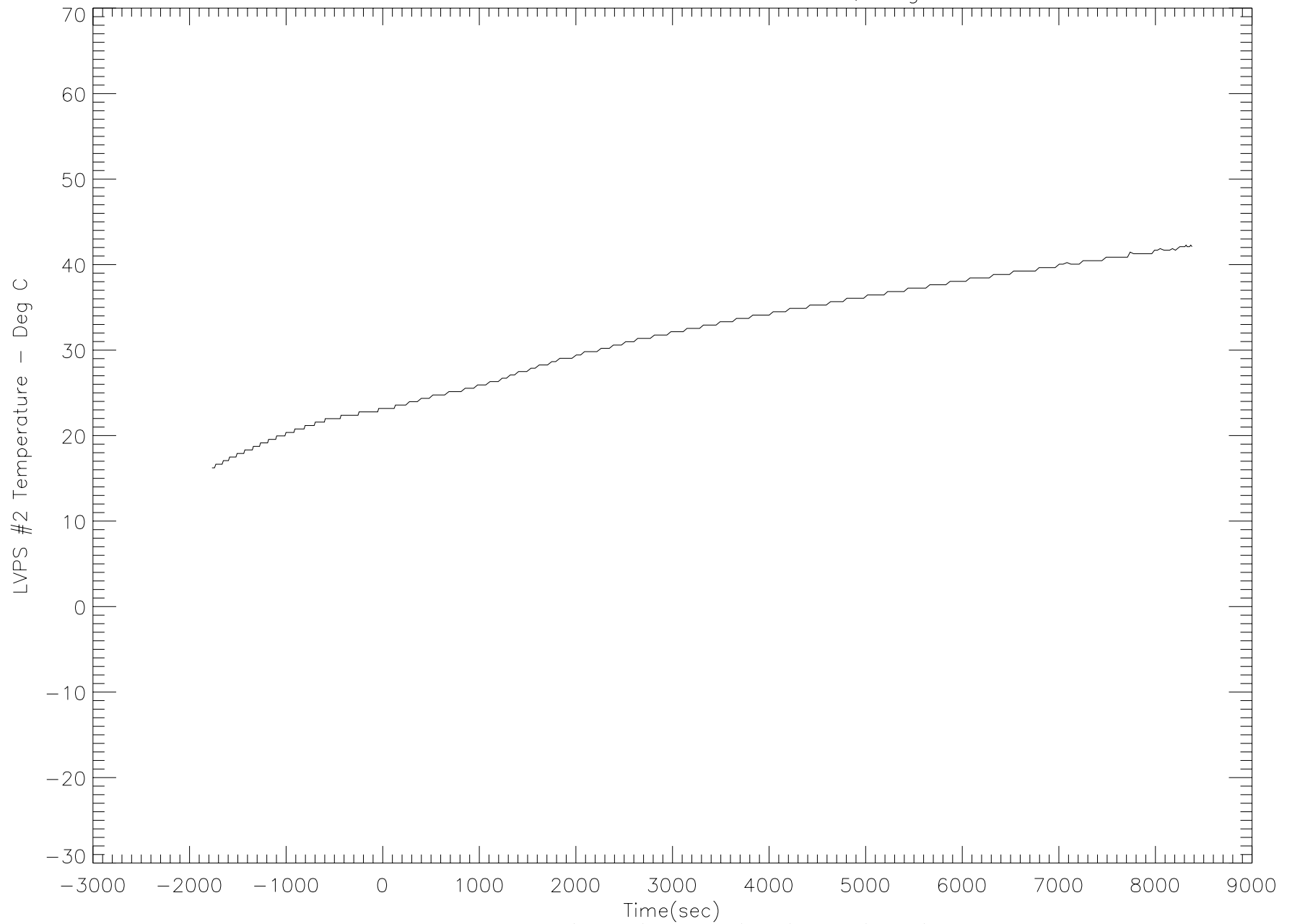
# GCMS HK Data Value vs. Relative Time, Page 47



GCMS HK Data Value vs. Relative Time, Page 48

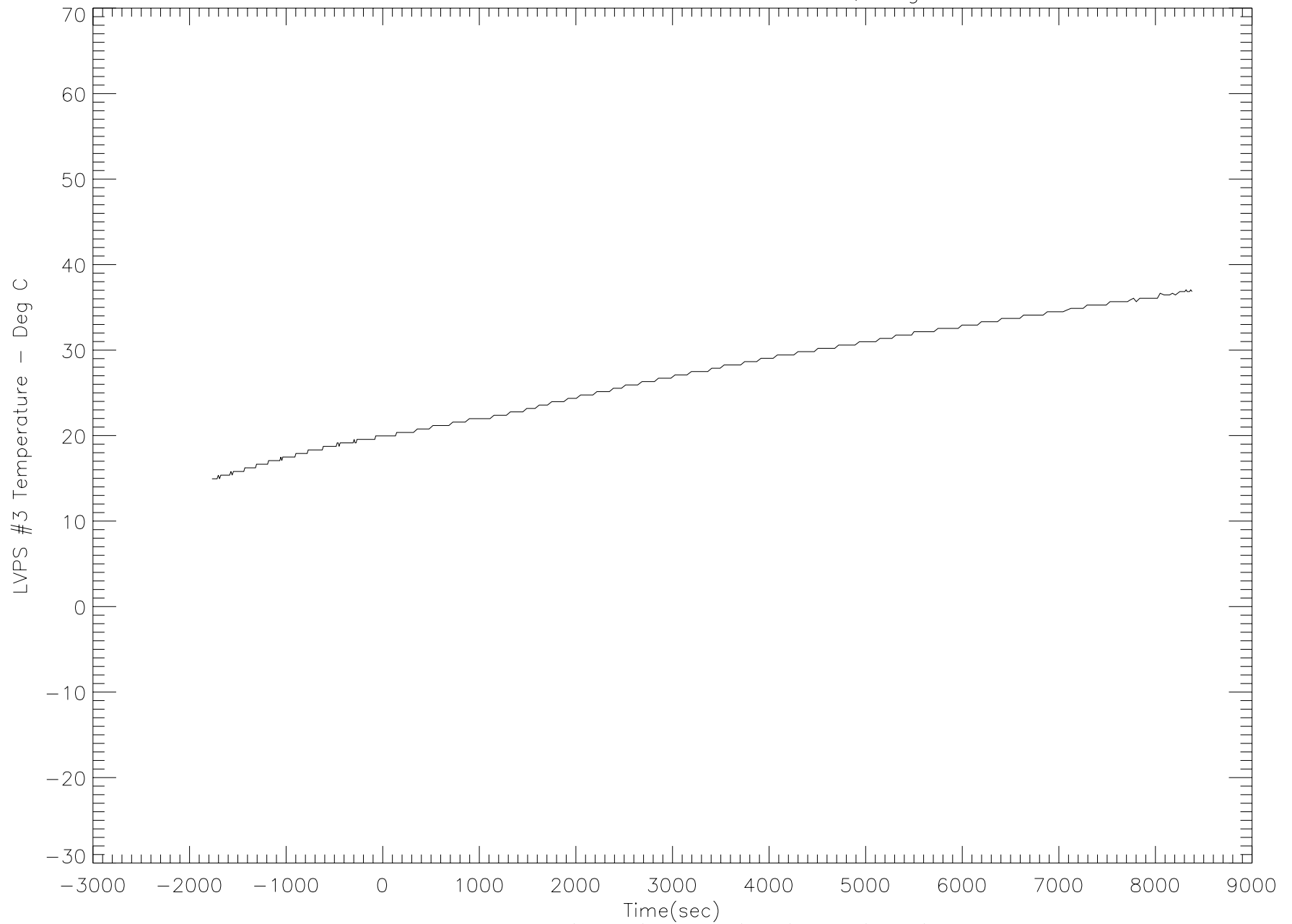


GCMS HK Data Value vs. Relative Time, Page 49

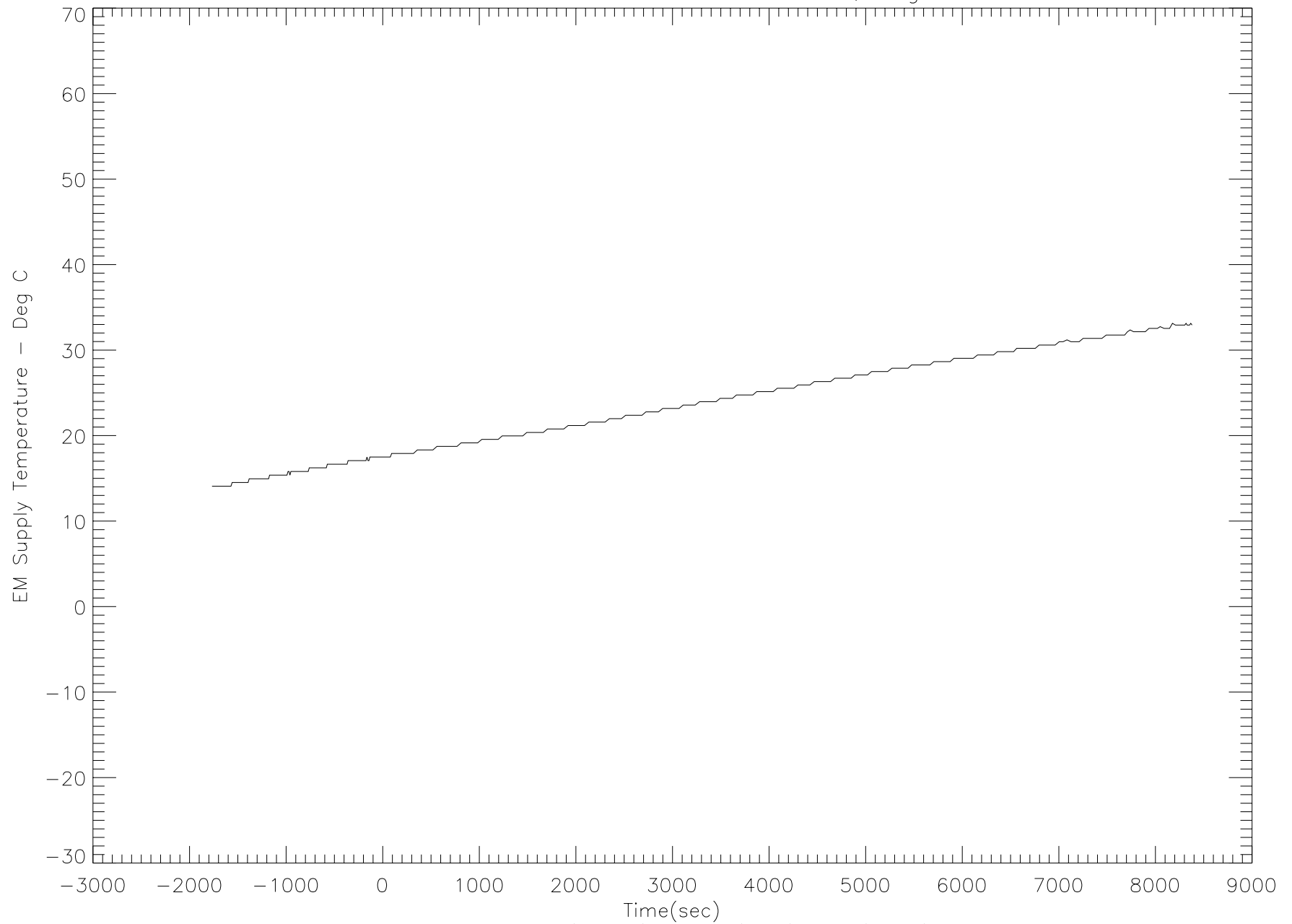




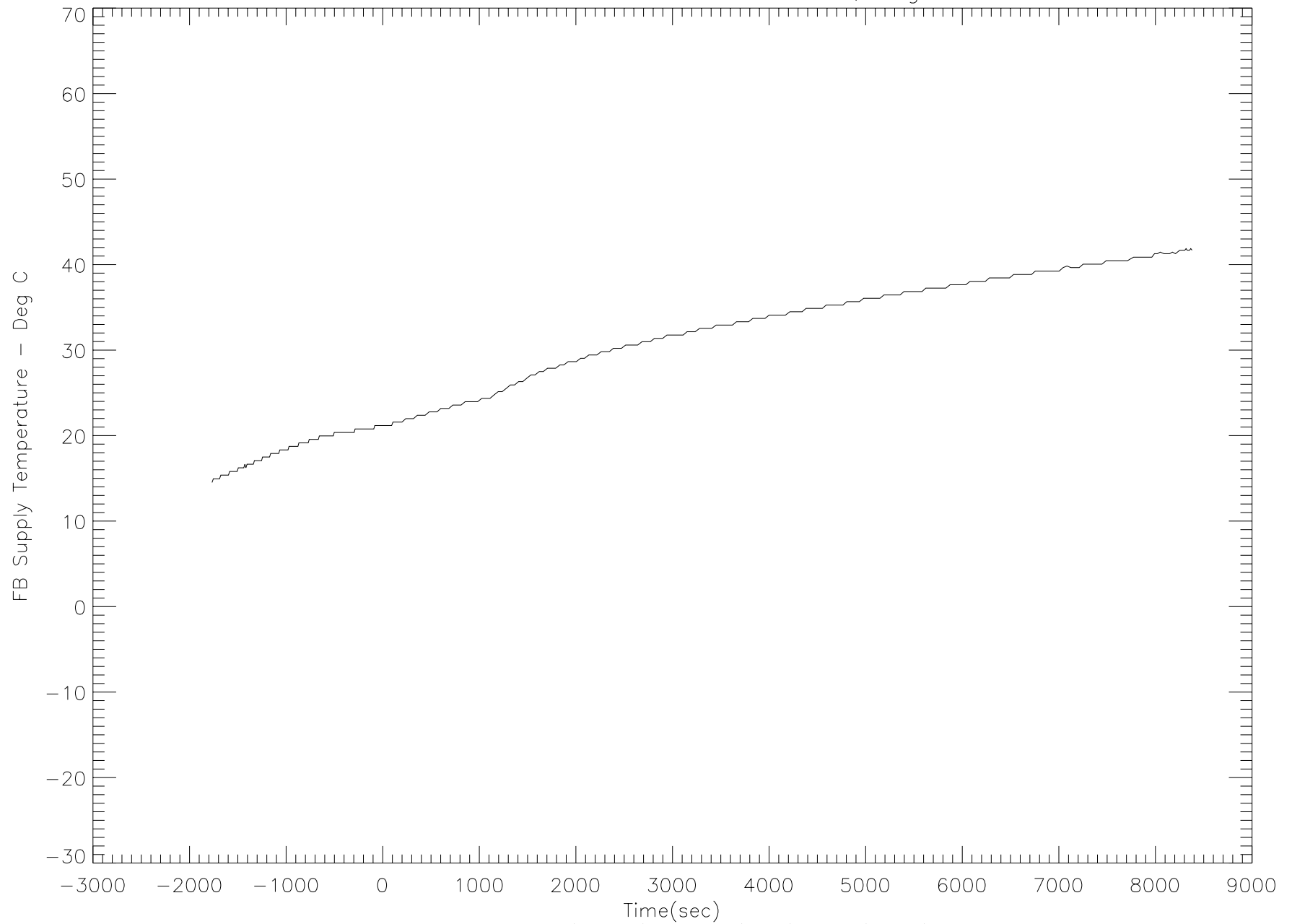
GCMS HK Data Value vs. Relative Time, Page 50



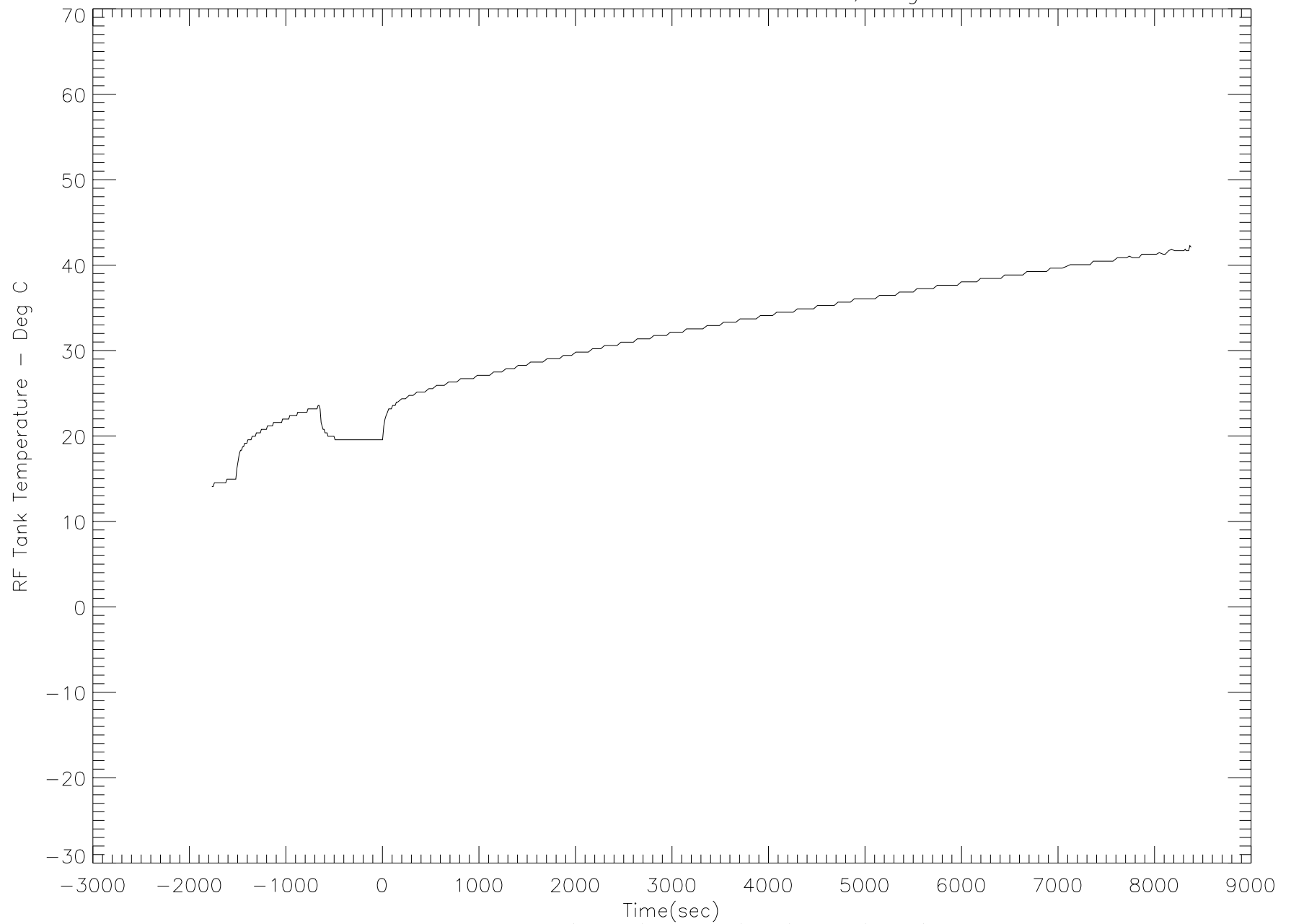
# GCMS HK Data Value vs. Relative Time, Page 51



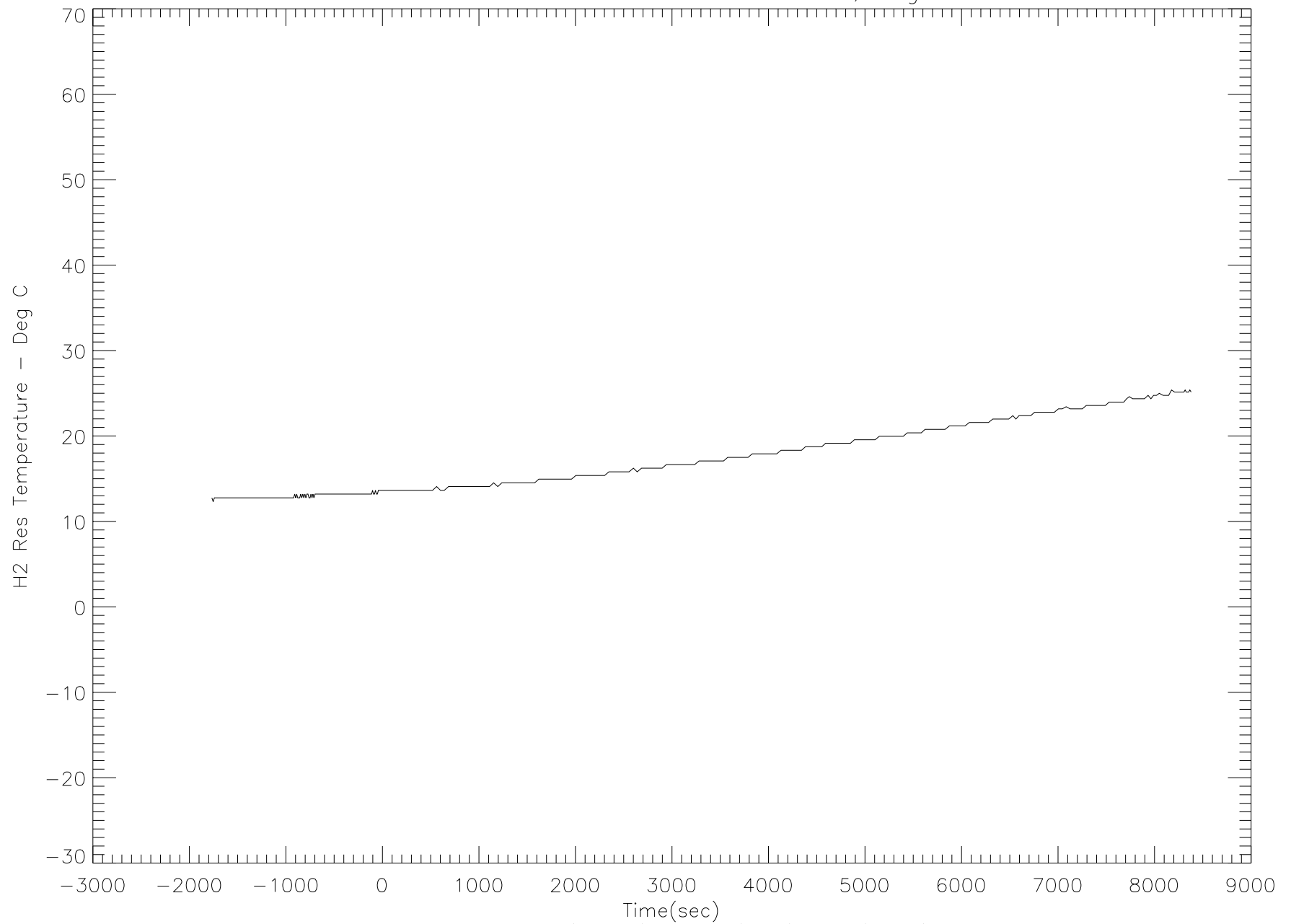
# GCMS HK Data Value vs. Relative Time, Page 52



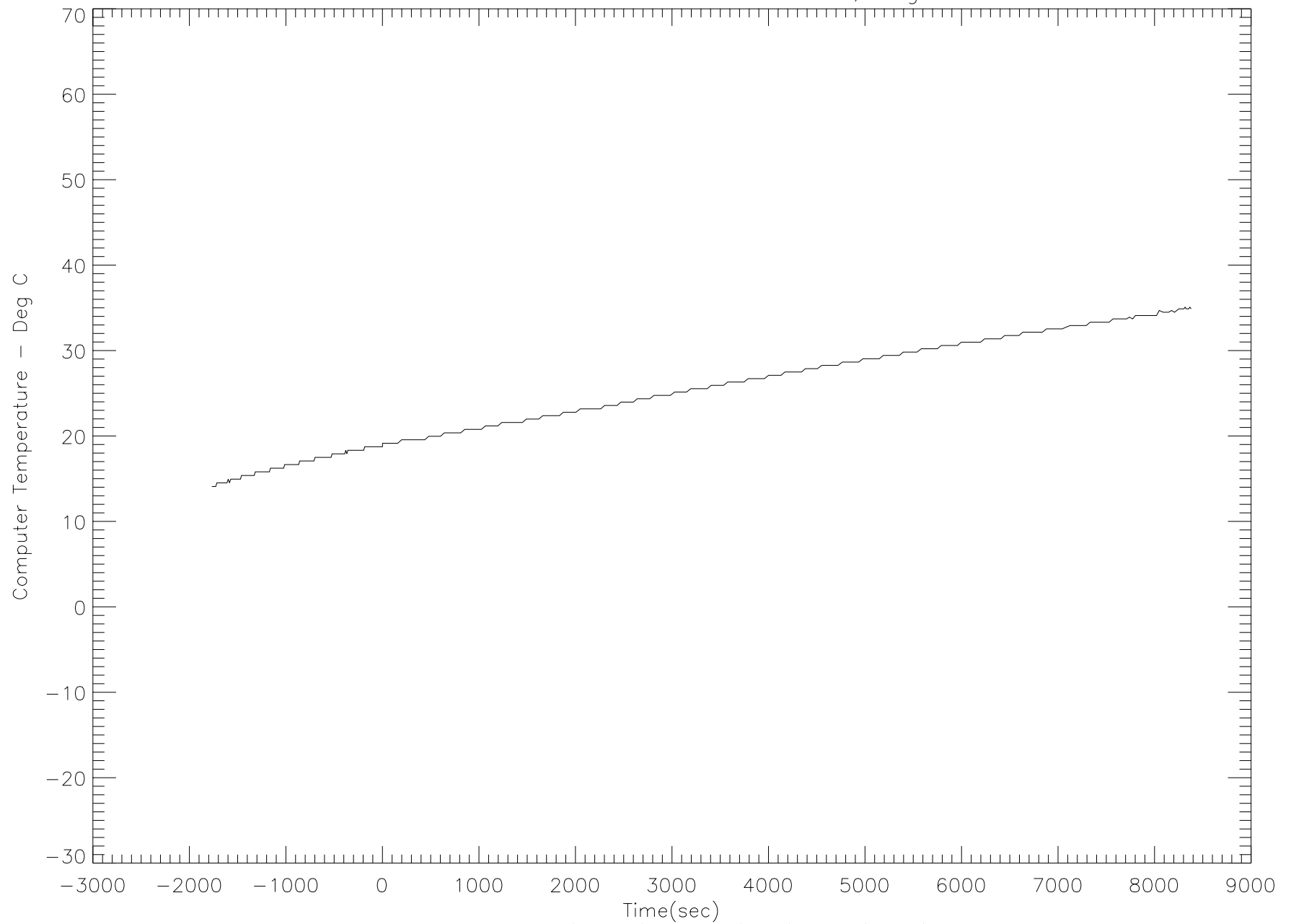
GCMS HK Data Value vs. Relative Time, Page 53



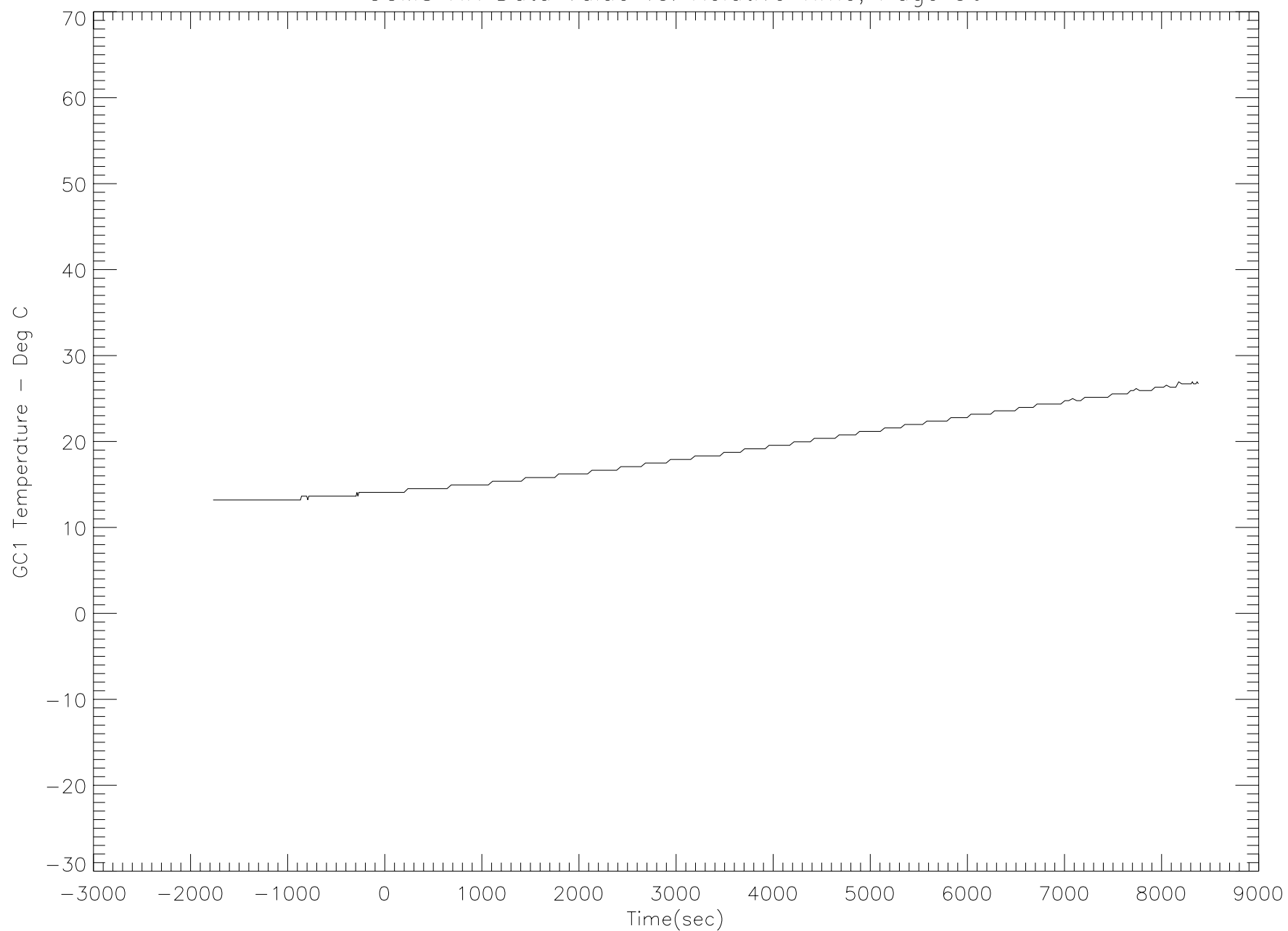
GCMS HK Data Value vs. Relative Time, Page 54



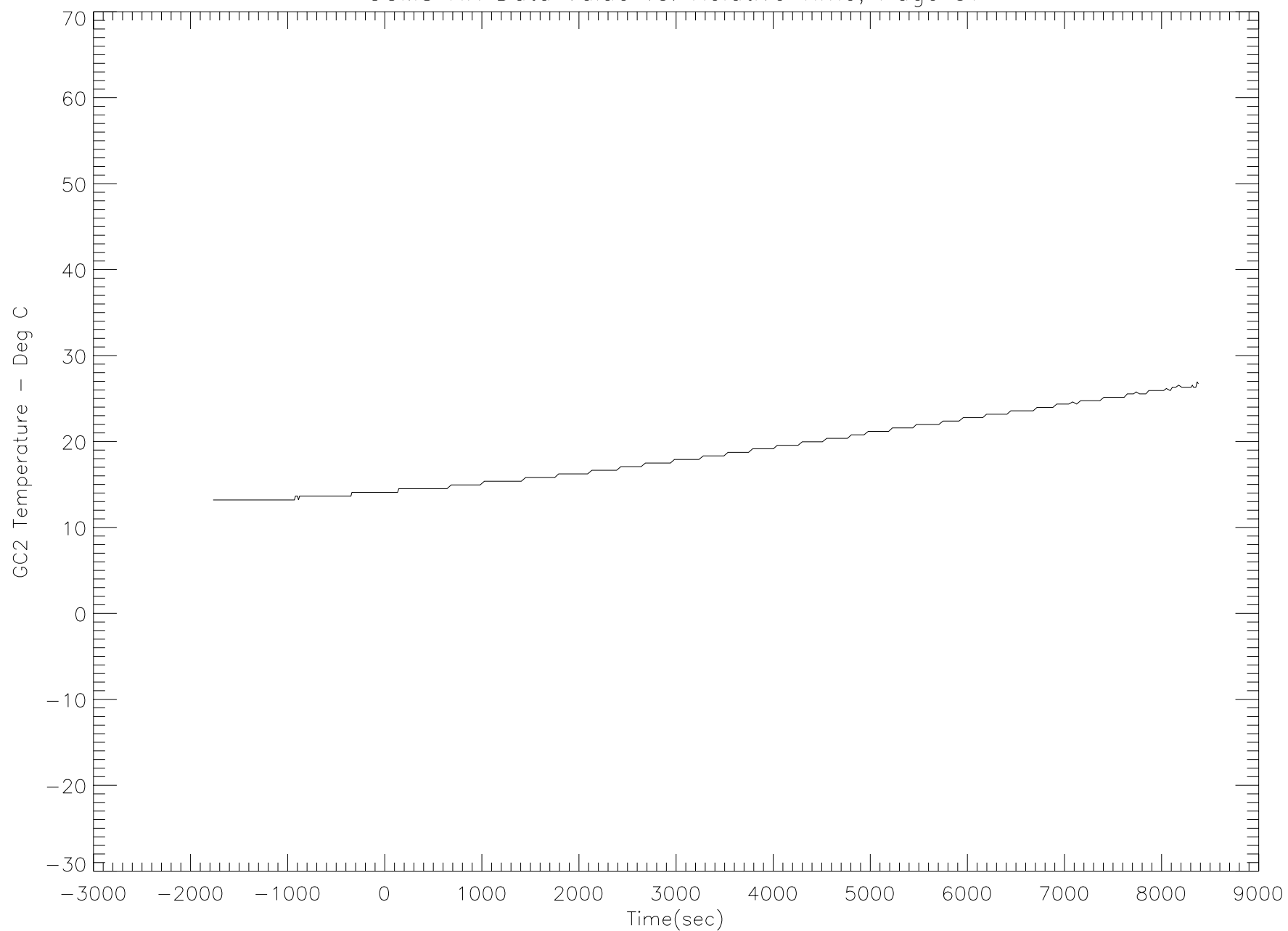
GCMS HK Data Value vs. Relative Time, Page 55



GCMS HK Data Value vs. Relative Time, Page 56

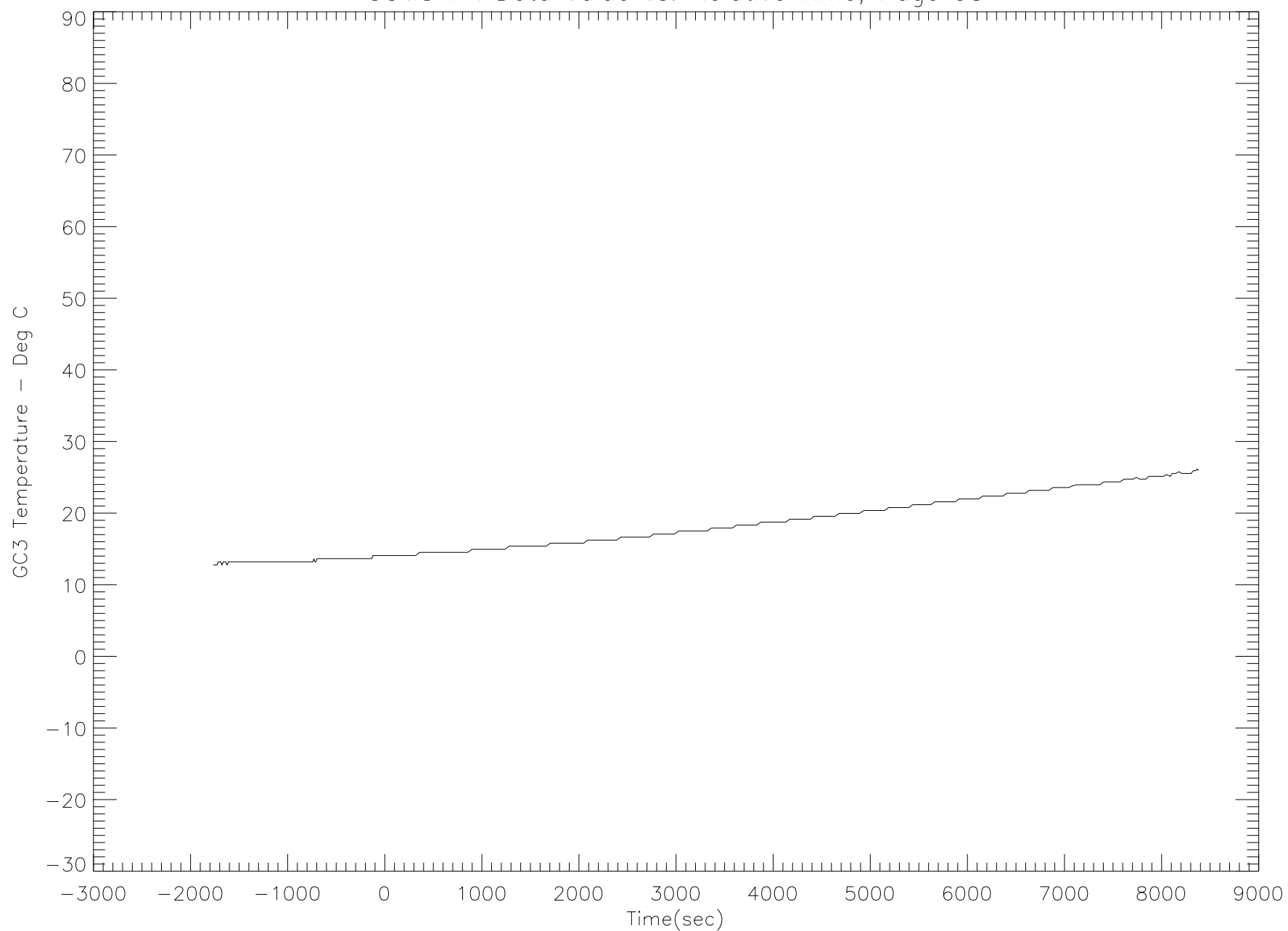


GCMS HK Data Value vs. Relative Time, Page 57

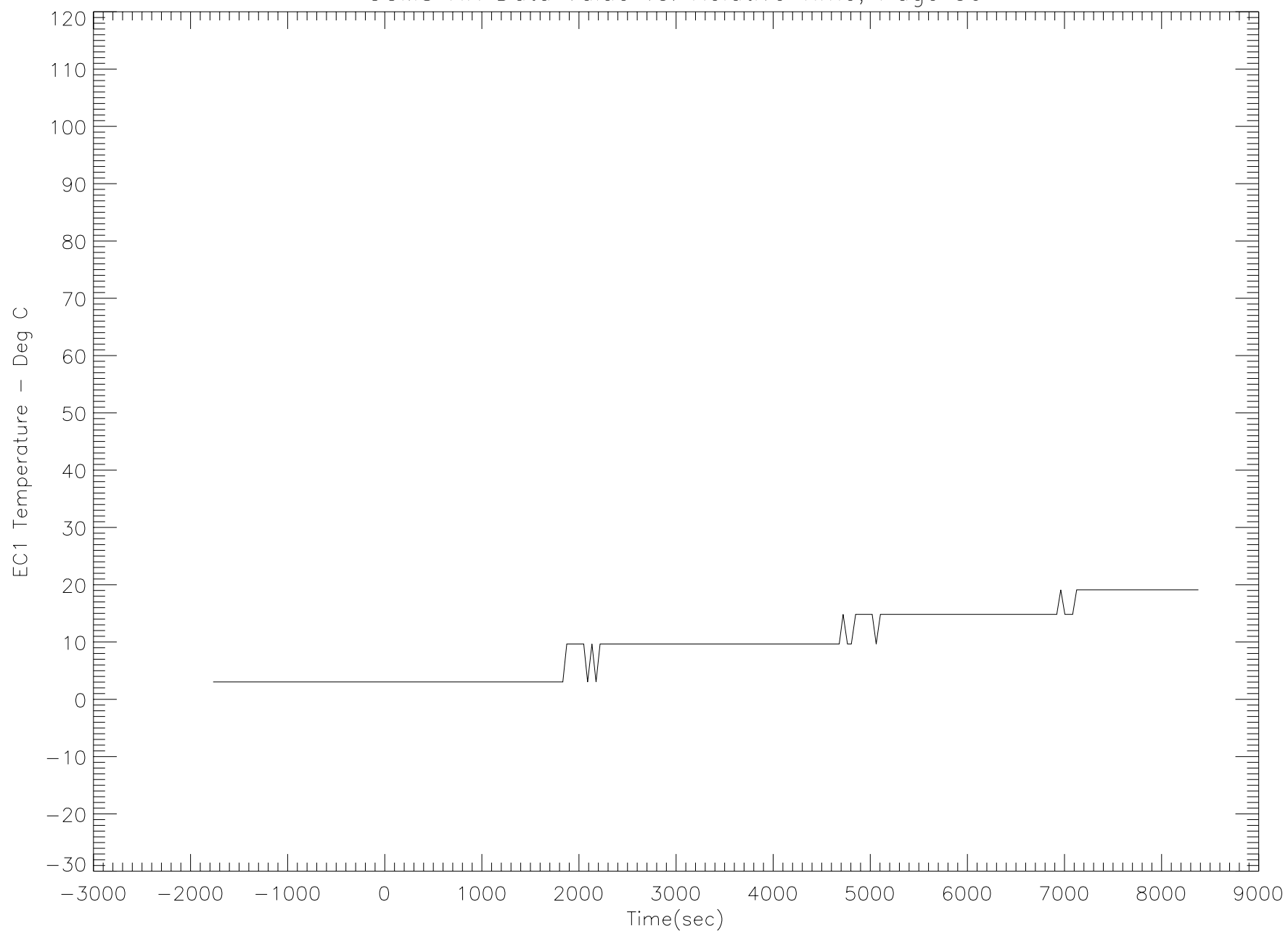




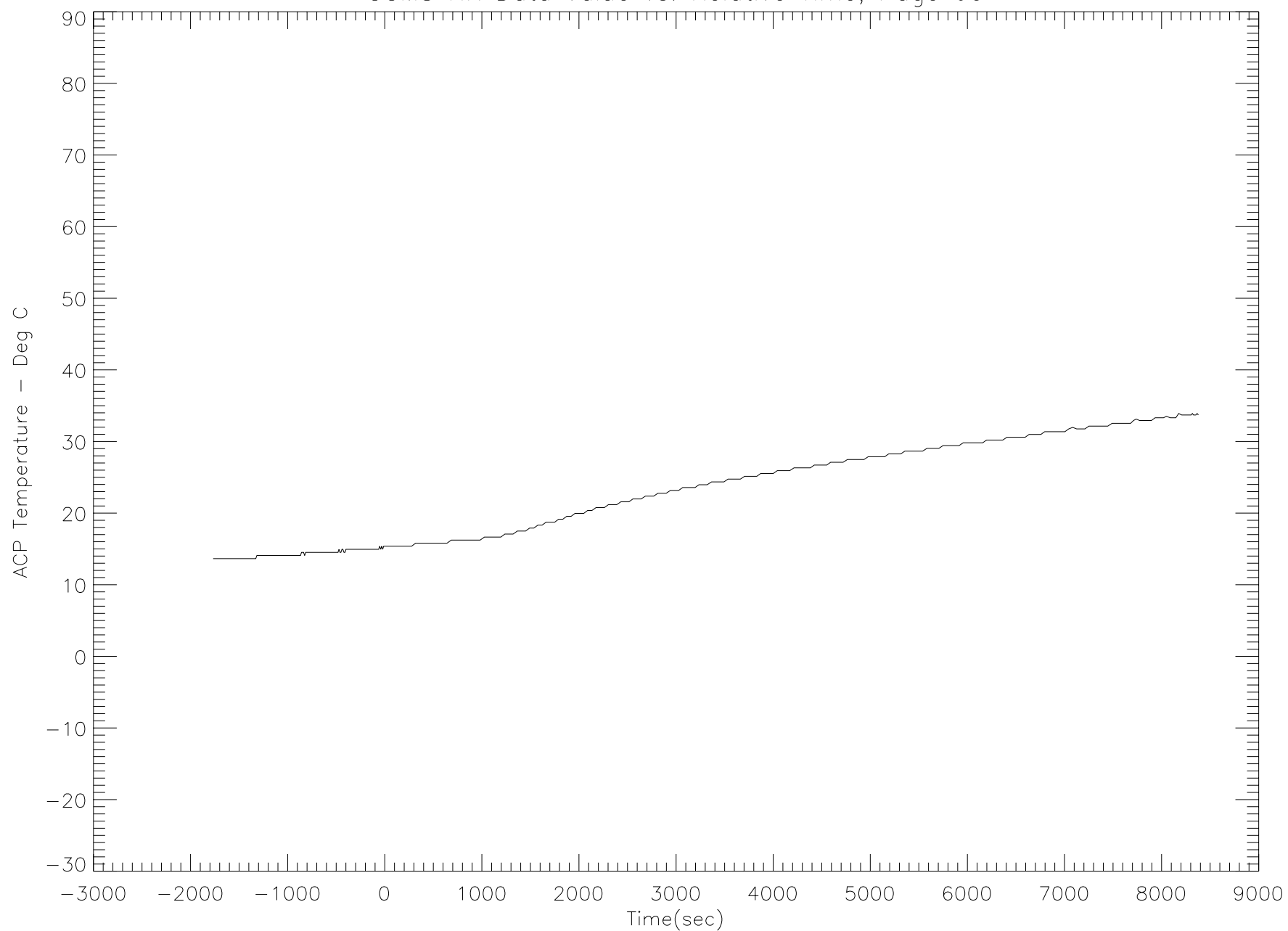
# GCMS HK Data Value vs. Relative Time, Page 58



GCMS HK Data Value vs. Relative Time, Page 59



GCMS HK Data Value vs. Relative Time, Page 60



# GCMS HK Data Value vs. Relative Time, Page 61

