

MOPITT
VAR_TLM_TXT
TELEMETRY DATA

NCAR/UCAR

CHRIS L.GARCIA
16 JANUARY 1998

PRT CONVERSION FACTORS***** DATA RANGE OF T= 06:59 MINUTES TO 07:44 MINUTES *****

MNEMONIC	PPLRS VALUES (IN DEGREES K)	DATA VIEWER VALUES
TS_ENG_CAL1_1	338.53	338.5
TS_ENG_CAL1_2	338.52	338.52
TS_ENG_CAL2_1	337.98	337.98
TS_ENG_CAL2_2	337.94	337.94
TS_ENG_CAL3_1	302.08	302.08
TS_ENG_CAL3_2	302.09	302.09
TS_ENG_CAL4_1	302.63	302.63
TS_ENG_CAL4_2	302.66	302.66
TS_ENG_SIEVE1	303.7	303.7
TS_ENG_SIEVE2	331.73	331.73
TS_ENG_SIEVE3	303.86	303.86
TS_ENG_SIEVE4	303.79	303.79

ENGINEERING THERMISTORS***** DATA RANGE OF T= 06:59 MINUTES TO 07:44 MINUTES *****

MNEMONIC	PPLRS VALUES (IN DEGREES K)	DATA VIEWER VALUES
TR_ENG_LMC1	301.07	301.07
TR_ENG_LMC2	299.8	299.8
TR_ENG_LMC3	300.47	300.47
TR_ENG_LMC4	299.29	299.29

***** SCAN DATA BELOW MAY POSSIBLY BE INCORRECT *****

TR_ENG_SCAN1	168-181	VARIABLE AT SAME TEMPS
TR_ENG_SCAN2	161-179	VARIABLE AT SAME TEMPS
TR_ENG_SCAN3	161-175	VARIABLE AT SAME TEMPS
TR_END_SCAN4	172-181	VARIABLE AT SAME TEMPS

TR_ENG_OPT1_1	300.65	300.65
TR_ENG_OPT1_2	300.98	300.98
TR_ENG_OPT1_3	300.47	300.47
TR_ENG_OPT1_4	300.25	300.25
TR_ENG_OPT2_1	301.56	301.56
TR_ENG_OPT2_2	301.6	301.6
TR_ENG_OPT2_3	300.71	300.71
TR_ENG_OPT2_4	300.41	300.41

TR_ENG_CHOP1	302.74	302.74
TR_ENG_CHOP2	302.86	302.86
TR_ENG_CHOP3	303.48	303.48
TR_ENG_CHOP4	303.41	303.41

TR_ENG_PMC1	306.4	306.4
TR_ENG_PMC2	301.68	301.68

TR_COOL_COMP1	305.41	305.41
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TR_COOL_COMP2	310.22	310.22
TR_SCAN1_MTR	309.26	309.26
TR_SCAN2_MTR	307.36	307.36
TR_SCAN3_MTR	307.65	307.65
TR_SCAN4_MTR	307.58	307.58
TR_CHOP1_MTR	304.06	304.06
TR_CHOP2_MTR	303.98	303.98
TR_CHOP3_MTR	304.47	304.47
TR_CHOP4_MTR	305.75	305.75
TR_LMC1_MTR	301.97	301.97
TR_LMC2_MTR	300.78	300.78
TR_LMC3_MTR	301.64	301.64
TR_LMC4_MTR	299.71	299.71
TR_PMC1_MTR	302.37	302.37
TR_PMC2_MTR	299.94	299.94
TR_SPM1	307.53	307.53
TR_SPM2	308.83	308.83
TR_TCMMA_1	320.7	320.7
TR_TCMMA_2	315.49	315.49
TR_TCMMA_1	318.53	318.53
TR_TCMMA_2	320.14	320.14
TR_PSM	279.03	279.03
TR_BPLT_1	299.13	299.13
TR_BPLT_2	297.8	297.8
TR_BPLT_3	297.18	297.18

PRESSURE SENSOR THERMINSTORS

*** DATA RANGE OF T= 06:59 MINUTES TO 07:44 MINUTES ***

MNEMONIC	PPLRS VALUES (IN DEGREES K)	DATA VIEWER VALUES
TR_ENG_PRESS1	303	303.2
TR_ENG_PRESS2	299.5	299.5
TR_ENG_PRESS3	299.9	299.9
TR_ENG_PRESS4	299.6	299.6

PRESSURE SENSOR OUTPUTS

*** DATA RANGE OF T= 06:59 MINUTES TO 07:44 MINUTES ***

MNEMONIC	PPLRS VALUES (IN PRESSURE kPa)	DATA VIEWER VALUES
VR_ENG_PRESS1	21.02	21.02
VR_ENG_PRESS2	80.72	80.72
VR_ENG_PRESS3	79.08	79.08
VR_ENG_PRESS4	78.63	78.63

PPO OUTPUTS

***** DATA RANGE OF T= 06:59 MINUTES TO 07:44 MINUTES *****

MNEMONIC	PPLRS VALUES (IN POSITIONAL AMPLITUDE mm)	DATA VIEWER VALUES
VR_ENG_PMC1_PPO	4.55	4.55
VR_ENG_PMC2_PPO	4.47	4.47

PMC FREQUENCY

***** DATA RANGE OF T= 06:59 MINUTES TO 07:44 MINUTES *****

MNEMONIC	PPLRS VALUES (IN FREE-RUN FREQUENCY Hz)	DATA VIEWER VALUES
VR_ENG_PMC1_PERR	12900.00 (+ -)	12900.00 (+ -)
VR_ENG_PMC2_PERR	12800.00 (+ -)	12800.00 (+ -)

COLD FILTER DIODES

***** DATA RANGE OF T= 06:59 MINUTES TO 07:44 MINUTES *****

MNEMONIC	PPLRS VALUES (IN DEGREES K)	DATA VIEWER VALUES
TR_ENG_CFILTER1	101.33	101.33
TR_ENG_CFILTER3	102.5	102.29
TR_ENG_CFILTER5	86.14	86.14
TR_ENG_CFILTER7	85.2	85.2

COLD TIP DIODES

***** DATA RANGE OF T= 06:59 MINUTES TO 07:44 MINUTES *****

MNEMONIC	PPLRS VALUES (IN DEGREES K)	DATA VIEWER VALUES
TR_COLD_TIP1_W	81.05	81.05
TR_COLD_TIP1_N	78.5	78.5
TR_COLD_TIP2_W	71	71
TR_COLD_TIP2_N	68.5	68.5

DETECTOR COLD DIODES

***** DATA RANGE OF T= 06:59 MINUTES TO 07:44 MINUTES *****

MNEMONIC	PPLRS VALUES (IN DEGREES K)	DATA VIEWER VALUES
TR_ENG_DETECTOR1	100.4	100.4
TR_ENG_DETECTOR2	101.5	101.5
TR_ENG_DETECTOR3	101.37	101.37
TR_ENG_DETECTOR4	101.65	101.65
TR_ENG_DETECTOR5	85	85
TR_ENG_DETECTOR6	85.02	85.02
TR_ENG_DETECTOR7	85.34	85.34
TR_ENG_DETECTOR8	84.8	84.8

MOTOR CURRENT MONITORS

***** DATA RANGE OF T= 06:59 MINUTES TO 07:44 MINUTES *****

MNEMONIC	PPLRS VALUES (IN UNITS NOT GIVEN)	DATA VIEWER VALUES
IR_SCAN1_MTR	5360	5455-5310

IR_SCAN2_MTR	5340	5340
IR_SCAN3_MTR	5340	5340
IR_SCAN4_MTR	5400	5400
IR_CHOP1_MTR	3960	3960
IR_CHOP2_MTR	4395	4395
IR_CHOP3_MTR	3760	3760
IR_CHOP4_MTR	5000	5000
IR_LMC1_MTR	6900	6900
IR_LMC2_MTR	5700	5700
IR_LMC3_MTR	6500	6500
IR_LMC4_MTR	4100	4100
IR_PMC1_MTR	6790	6790
IR_PMC2_MTR	4245	4245

COOLER PARAMETERS

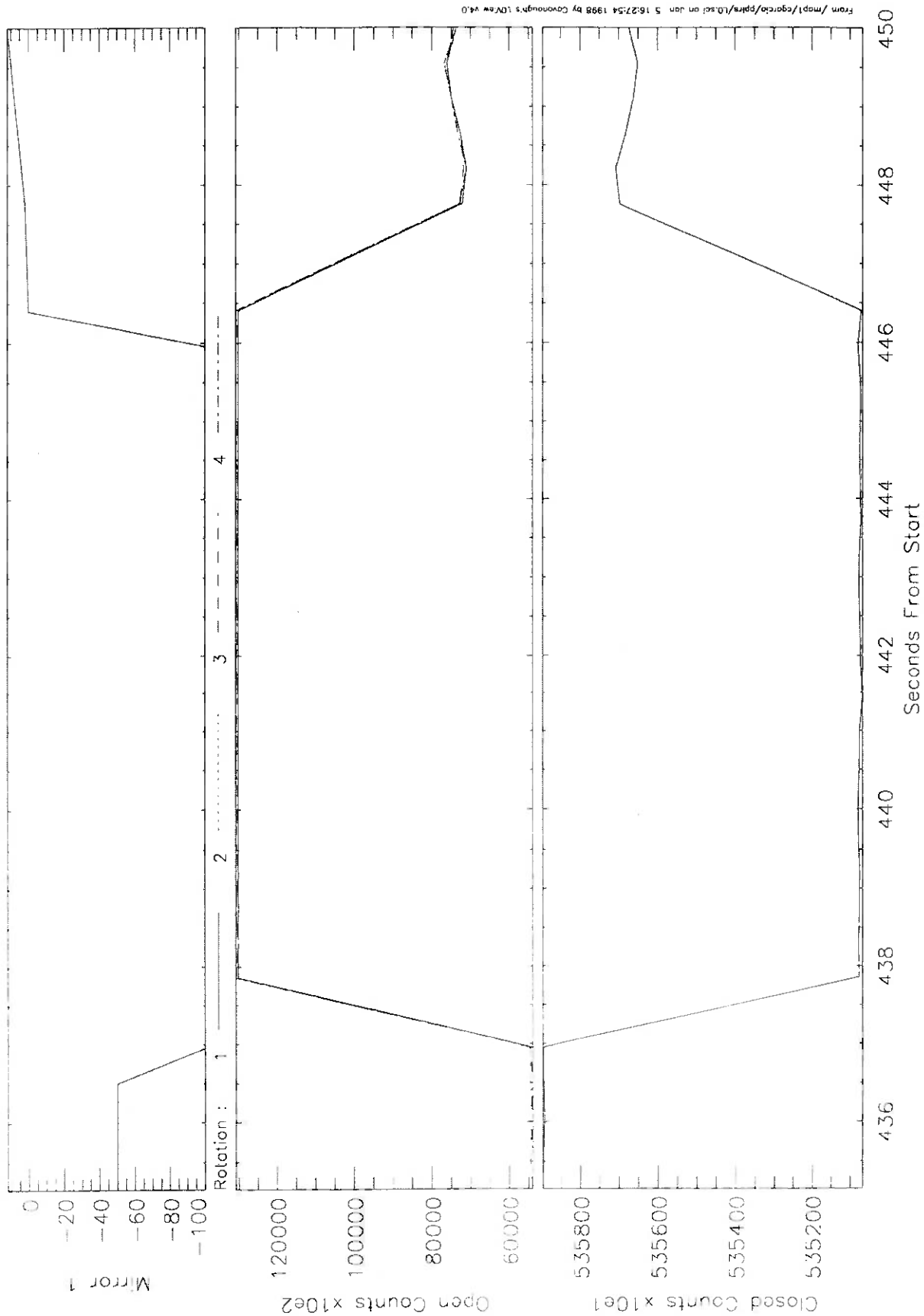
*** DATA RANGE OF T= 06:59 MINUTES TO 07:44 MINUTES ***

MNEMONIC	PPLRS VALUES (IN UNITS NOT GIVEN)	DATA VIEWER VALUES
SR_COMP_A_POS	2550	2550
SR_COMP_B_POS	2567	2567
IR_COMP_A_MOTOR	2142	2142
IR_COMP_B_MOTOR	2134	2133.75
SR_COMP_X_VIB	2078	2078
SR_COMP_Y_VIB	2086.5	2086.5
SR_DISP_A_POS	2242.5	2242.5
SR_DISP_B_POS	2265.25	2265.25
IR_DISP_A_MOTOR	2200	2200
IR_DISP_B_MOTOR	2225	2225
SR_DISP_X_VIB	2066	2066
SR_DISP_Y_VIB	2080	2080
SR_DISP_Z_VIB	2065	2065
TR_COOL_CDE_1	2083	2083
TR_COOL_CDE_2	2104.5	2104.5
TR_COOL_CDE_3	2178.5	2178.5
TR_COOL_DISP1	2172	2172
TR_COOL_DISP2	2233	2233

SCIENCE GRAPH
for PPLRS VALUES
on CHANNEL 1

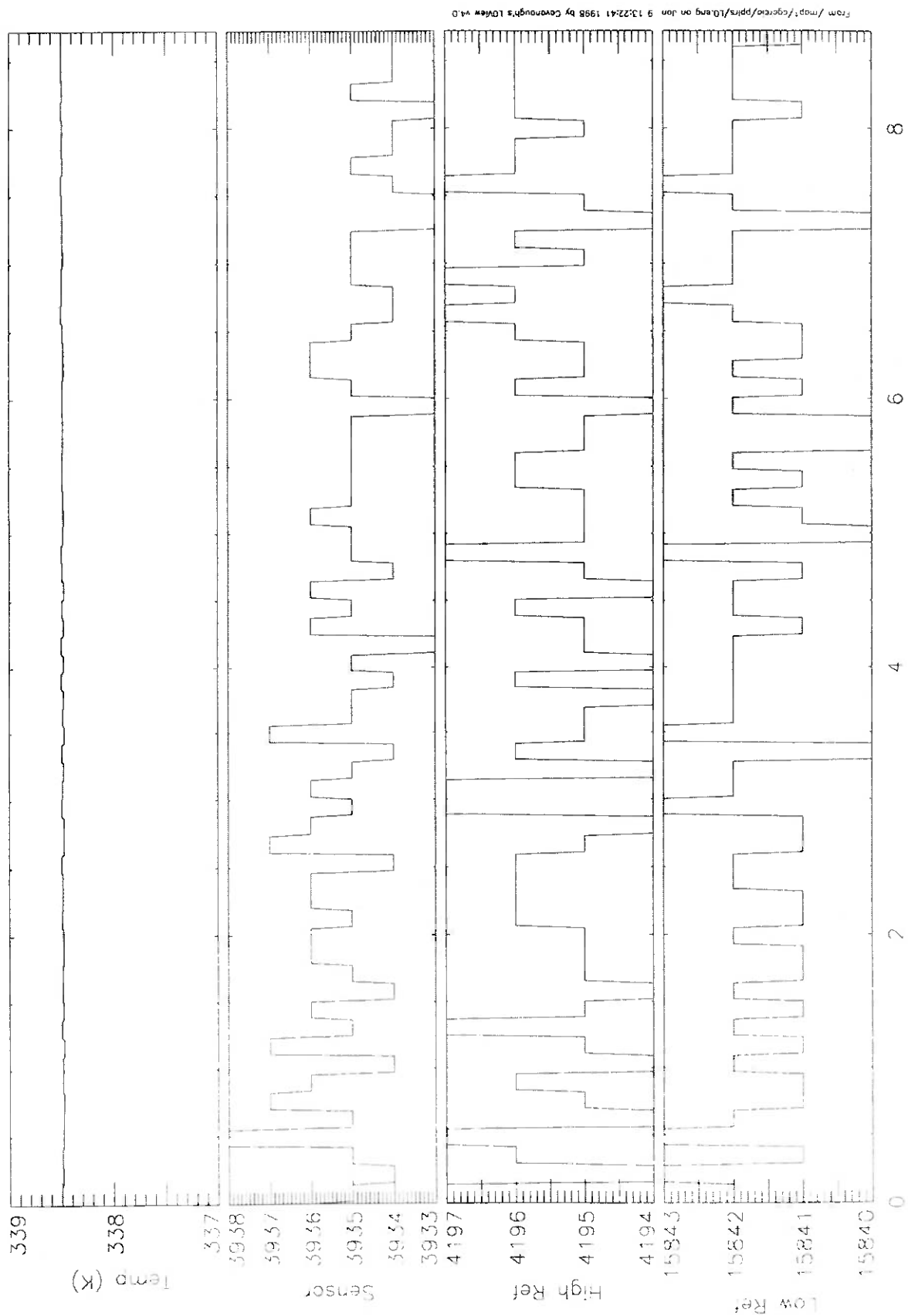
(range within 06:59 minutes to 07:44 minutes)

Channel 1 (LMC Thermal) Pixel 0 Sector A
Start : 1997-08-16T14:59:59.776000Z



**GRAPH AND TEMPERATURE
TELEMETRY DATA
for PPLRS VALUES**

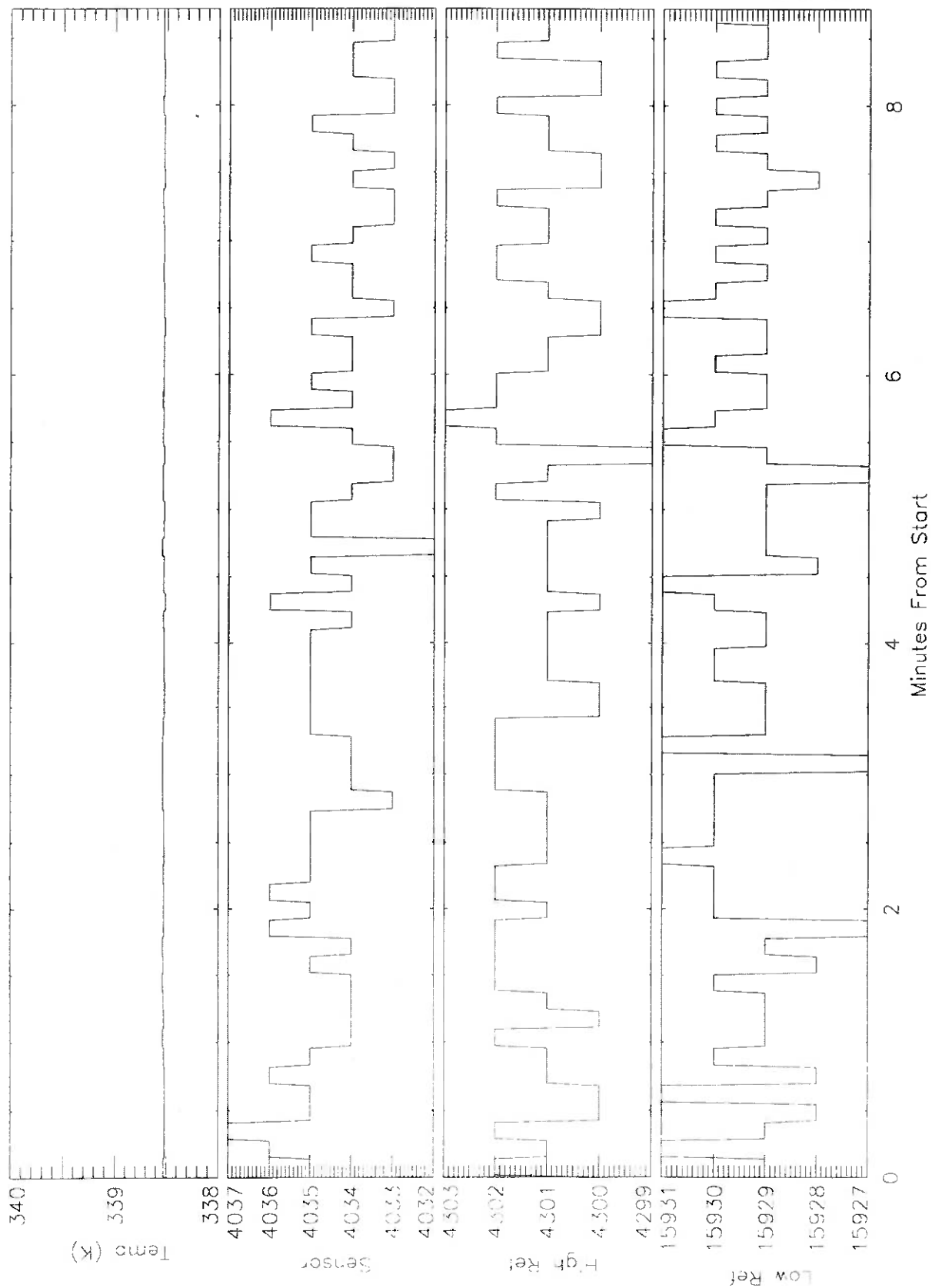
TS_ENG_CAL1_1 [calibration source 1, PRT 1 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_CAL1_1, calibration source 1, PRT 1 (eng_data)

Time	TS_ENG_CAL1_1
days	K
14472.62507466,	338.497931
14472.62516944,	338.486340
14472.62526427,	338.492383
14472.62535907,	338.481165
14472.62545390,	338.480918
14472.62554870,	338.475618
14472.62564352,	338.486836
14472.62573833,	338.486464
14472.62583316,	338.475618
14472.62592796,	338.497931
14472.62602278,	338.481165
14472.62611759,	338.486464
14472.62621237,	338.486712
14472.62630722,	338.481165
14472.62640205,	338.481041
14472.62649685,	338.492383
14472.62659167,	338.486836
14472.62668648,	338.486712
14472.62678130,	338.497806
14472.62687612,	338.475618
14472.62697093,	338.475495
14472.62706574,	338.497806
14472.62716056,	338.492383
14472.62725537,	338.480918
14472.62735025,	338.498055
14472.62744500,	338.475372
14472.62753981,	338.486588
14472.62763463,	338.480918
14472.62772944,	338.497806
14472.62782429,	338.480918
14472.62791907,	338.497681
14472.62801389,	338.481165
14472.62810869,	338.492259
14472.62820352,	338.475372
14472.62829839,	338.492259
14472.62839315,	338.497806
14472.62848796,	338.486836
14472.62858272,	338.481165
14472.62867760,	338.486588
14472.62877242,	338.492383
14472.62886722,	338.492259
14472.62896204,	338.486836
14472.62905683,	338.486836
14472.62915168,	338.492010
14472.62924655,	338.492383
14472.62934130,	338.481041
14472.62943612,	338.481165
14472.62953090,	338.492383
14472.62962576,	338.503478
14472.62972057,	338.497681
14472.62981537,	338.497931
14472.62991019,	338.486588
14472.63000500,	338.492259
14472.63009983,	338.492259
14472.63019463,	338.497681
14472.63028944,	338.503353
14472.63038426,	338.492259
14472.63047907,	338.497806
14472.63057392,	338.492134
14472.63066870,	338.503478
14472.63076352,	338.492259
14472.63085833,	338.497806
14472.63095315,	338.497806
14472.63104797,	338.497931

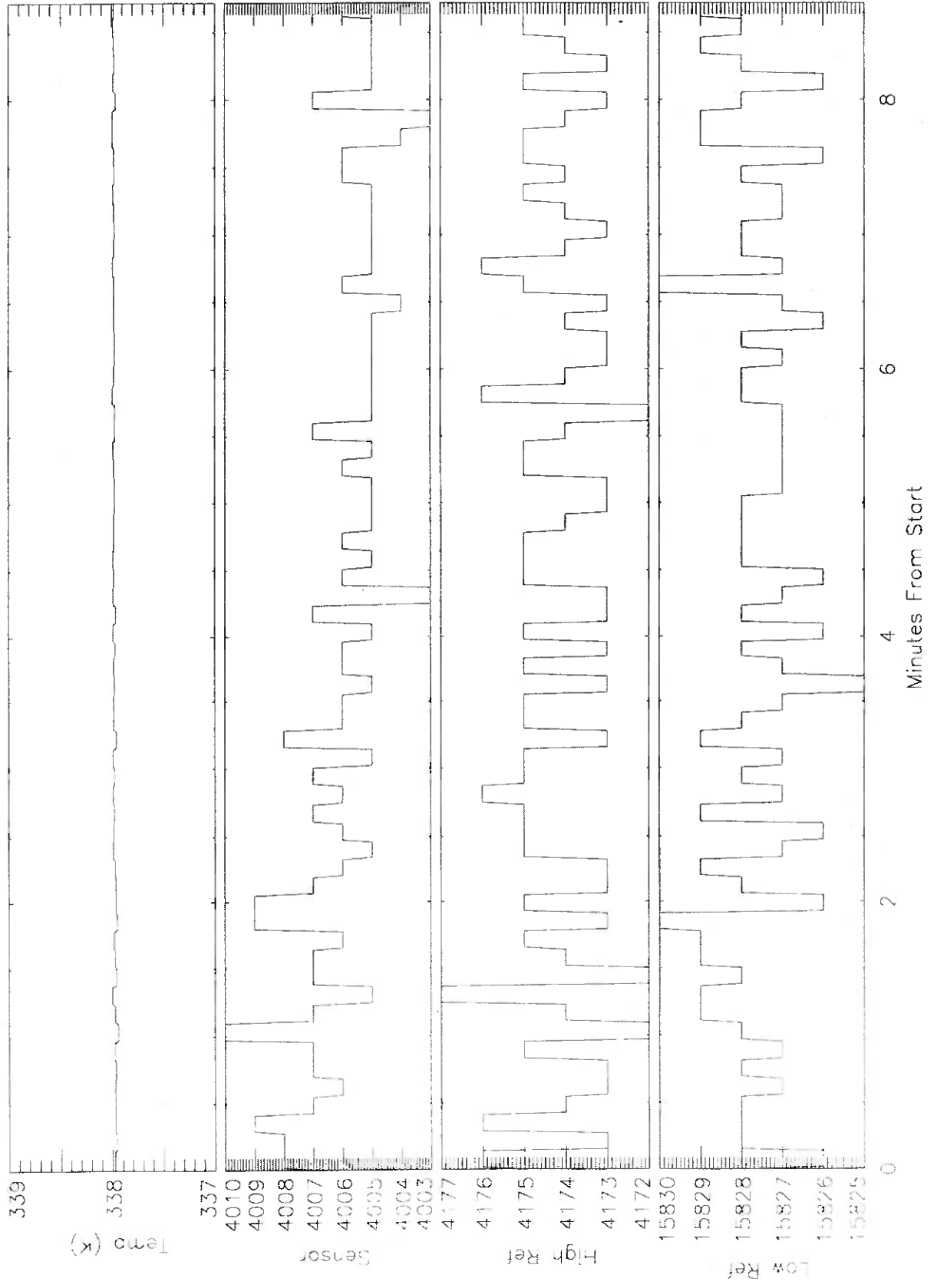
IS_ENC_CAL1_2 [calibration source 1, PRT 2 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_CAL1_2, calibration source 1, PRT 2 (eng_data)

Time days	TS_ENG_CAL1_2 K
14472.62507466,	338.527961
14472.62516944,	338.516469
14472.62526427,	338.516849
14472.62535907,	338.516722
14472.62545390,	338.516343
14472.62554870,	338.516849
14472.62564352,	338.522151
14472.62573833,	338.533517
14472.62583316,	338.522151
14472.62592796,	338.527834
14472.62602278,	338.533389
14472.62611759,	338.528089
14472.62621237,	338.533517
14472.62630722,	338.522659
14472.62640205,	338.522151
14472.62649685,	338.522278
14472.62659167,	338.527834
14472.62668648,	338.522024
14472.62678130,	338.522151
14472.62687612,	338.522151
14472.62697093,	338.533261
14472.62706574,	338.533389
14472.62716056,	338.533774
14472.62725537,	338.533261
14472.62735025,	338.527961
14472.62744500,	338.516596
14472.62753981,	338.516596
14472.62763463,	338.522151
14472.62772944,	338.522151
14472.62782429,	338.522278
14472.62791907,	338.527834
14472.62801389,	338.510914
14472.62810869,	338.527579
14472.62820352,	338.522405
14472.62829839,	338.538945
14472.62839315,	338.522278
14472.62848796,	338.516596
14472.62858272,	338.533517
14472.62867760,	338.533645
14472.62877242,	338.522024
14472.62886722,	338.533261
14472.62896204,	338.527961
14472.62905683,	338.533517
14472.62915168,	338.527961
14472.62924655,	338.527706
14472.62934130,	338.527834
14472.62943612,	338.516596
14472.62953090,	338.527451
14472.62962576,	338.527706
14472.62972057,	338.533517
14472.62981537,	338.527834
14472.62991019,	338.527834
14472.63000500,	338.533261
14472.63009983,	338.539073
14472.63019463,	338.522278
14472.63028944,	338.527706
14472.63038426,	338.527706
14472.63047907,	338.522278
14472.63057392,	338.538945
14472.63066870,	338.527706
14472.63076352,	338.522024
14472.63085833,	338.533517
14472.63095315,	338.533389
14472.63104797,	338.533261

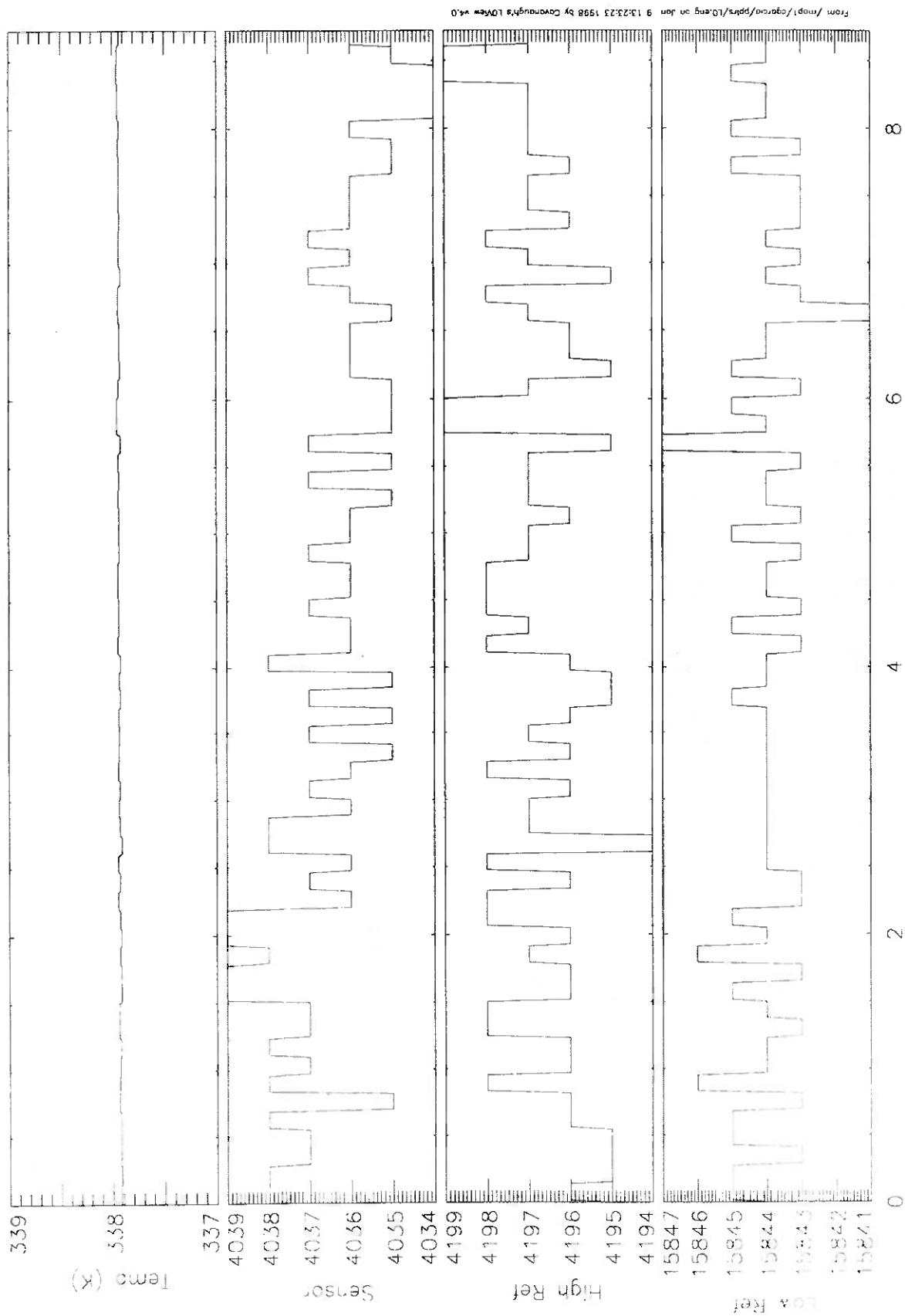
iS_ENC_CAL2_1 [calibration source 2, PRT 1 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_CAL2_1, calibration source 2, PRT 1 (eng_data)

Time	TS_ENG_CAL2_1
days	K
14472.62507466,	337.976107
14472.62516944,	337.959082
14472.62526427,	337.970404
14472.62535907,	337.970245
14472.62545390,	337.970245
14472.62554870,	337.964624
14472.62564352,	337.975947
14472.62573833,	337.942379
14472.62583316,	337.970165
14472.62592796,	337.998120
14472.62602278,	337.959003
14472.62611759,	337.970165
14472.62621237,	337.981330
14472.62630722,	337.953384
14472.62640205,	337.964939
14472.62649685,	337.964624
14472.62659167,	337.970086
14472.62668648,	337.987034
14472.62678130,	337.981571
14472.62687612,	337.975787
14472.62697093,	337.987115
14472.62706574,	337.975867
14472.62716056,	337.987034
14472.62725537,	337.959003
14472.62735025,	337.981410
14472.62744500,	337.981490
14472.62753981,	337.975947
14472.62763463,	337.981490
14472.62772944,	337.970165
14472.62782429,	337.987115
14472.62791907,	337.964624
14472.62801389,	337.986872
14472.62810869,	337.981571
14472.62820352,	337.986953
14472.62829839,	337.981410
14472.62839315,	337.981330
14472.62848796,	337.975707
14472.62858272,	337.975787
14472.62867760,	337.981490
14472.62877242,	337.987034
14472.62886722,	337.970324
14472.62896204,	337.970165
14472.62905683,	337.992577
14472.62915168,	337.981330
14472.62924655,	337.975787
14472.62934130,	337.975707
14472.62943612,	337.981490
14472.62953090,	337.981330
14472.62962576,	337.981249
14472.62972057,	337.992658
14472.62981537,	337.981330
14472.62991019,	337.975707
14472.63000500,	337.981410
14472.63009983,	337.987034
14472.63019463,	337.975787
14472.63028944,	337.981571
14472.63038426,	337.992414
14472.63047907,	337.992333
14472.63057392,	337.964624
14472.63066870,	337.987115
14472.63076352,	337.975707
14472.63085833,	337.981249
14472.63095315,	337.986953
14472.63104797,	337.981330

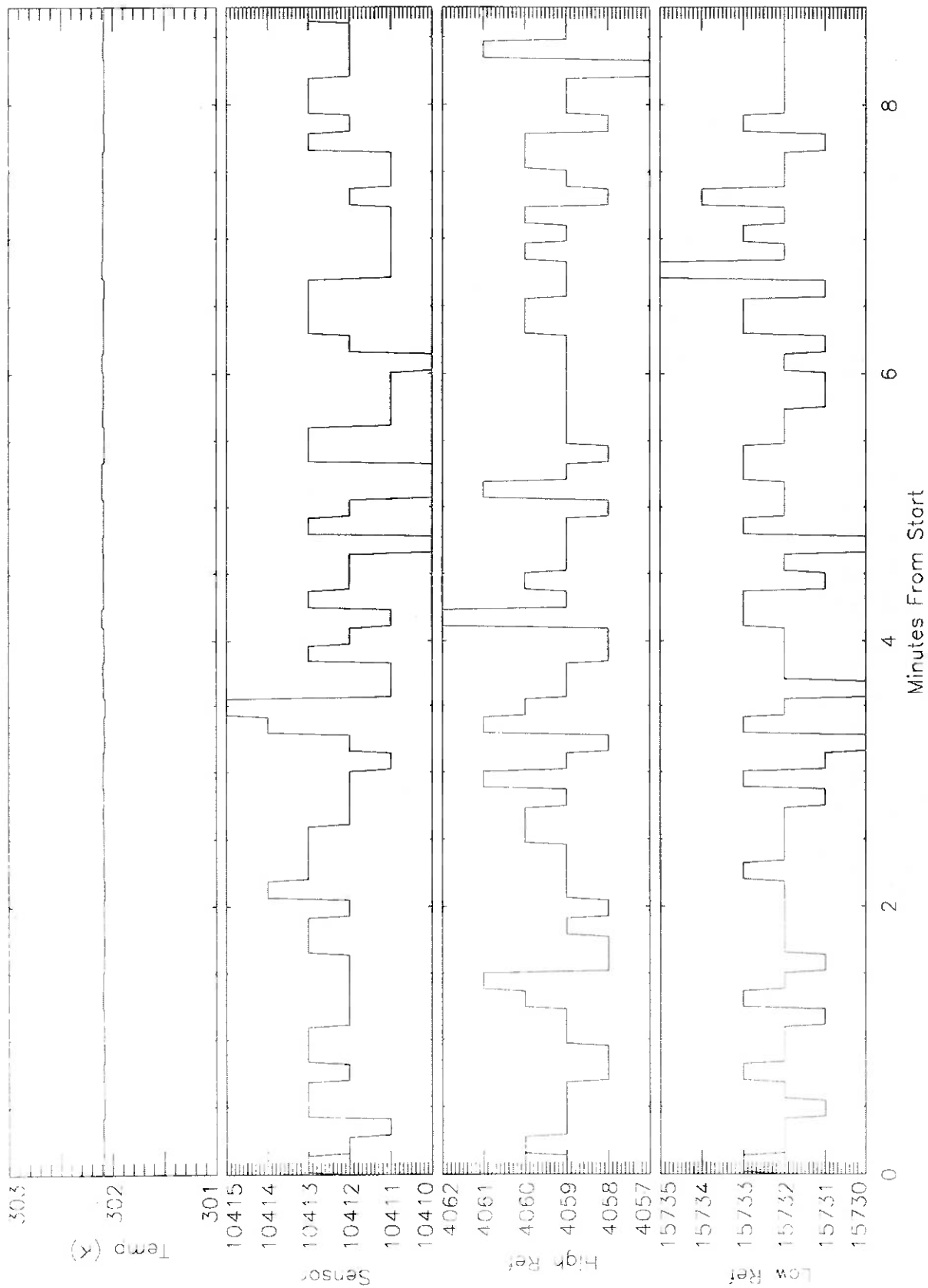
TS_ENG_CAL2_2 [calibration source 2, PRT 2 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_CAL2_2, calibration source 2, PRT 2 (eng_data)

Time	TS_ENG_CAL2_2
days	K
14472.62507466,	337.920740
14472.62516944,	337.915121
14472.62526427,	337.920815
14472.62535907,	337.920665
14472.62545390,	337.920740
14472.62554870,	337.937527
14472.62564352,	337.931906
14472.62573833,	337.926360
14472.62583316,	337.920815
14472.62592796,	337.937681
14472.62602278,	337.937604
14472.62611759,	337.915196
14472.62621237,	337.915345
14472.62630722,	337.926285
14472.62640205,	337.915270
14472.62649685,	337.926436
14472.62659167,	337.943227
14472.62668648,	337.926436
14472.62678130,	337.943150
14472.62687612,	337.909577
14472.62697093,	337.926436
14472.62706574,	337.937527
14472.62716056,	337.926360
14472.62725537,	337.943150
14472.62735025,	337.937451
14472.62744500,	337.931982
14472.62753981,	337.937451
14472.62763463,	337.920665
14472.62772944,	337.931829
14472.62782429,	337.920815
14472.62791907,	337.943227
14472.62801389,	337.937451
14472.62810869,	337.937681
14472.62820352,	337.943150
14472.62829839,	337.943150
14472.62839315,	337.932058
14472.62848796,	337.937451
14472.62858272,	337.931982
14472.62867760,	337.943073
14472.62877242,	337.931982
14472.62886722,	337.943150
14472.62896204,	337.920515
14472.62905683,	337.954320
14472.62915168,	337.954242
14472.62924655,	337.943150
14472.62934130,	337.926209
14472.62943612,	337.931906
14472.62953090,	337.931906
14472.62962576,	337.943304
14472.62972057,	337.943227
14472.62981537,	337.920740
14472.62991019,	337.937604
14472.63000500,	337.937604
14472.63009983,	337.931982
14472.63019463,	337.937604
14472.63028944,	337.937604
14472.63038426,	337.937374
14472.63047907,	337.943150
14472.63057392,	337.937451
14472.63066870,	337.948619
14472.63076352,	337.948619
14472.63085833,	337.959788
14472.63095315,	337.954320
14472.63104797,	337.937527

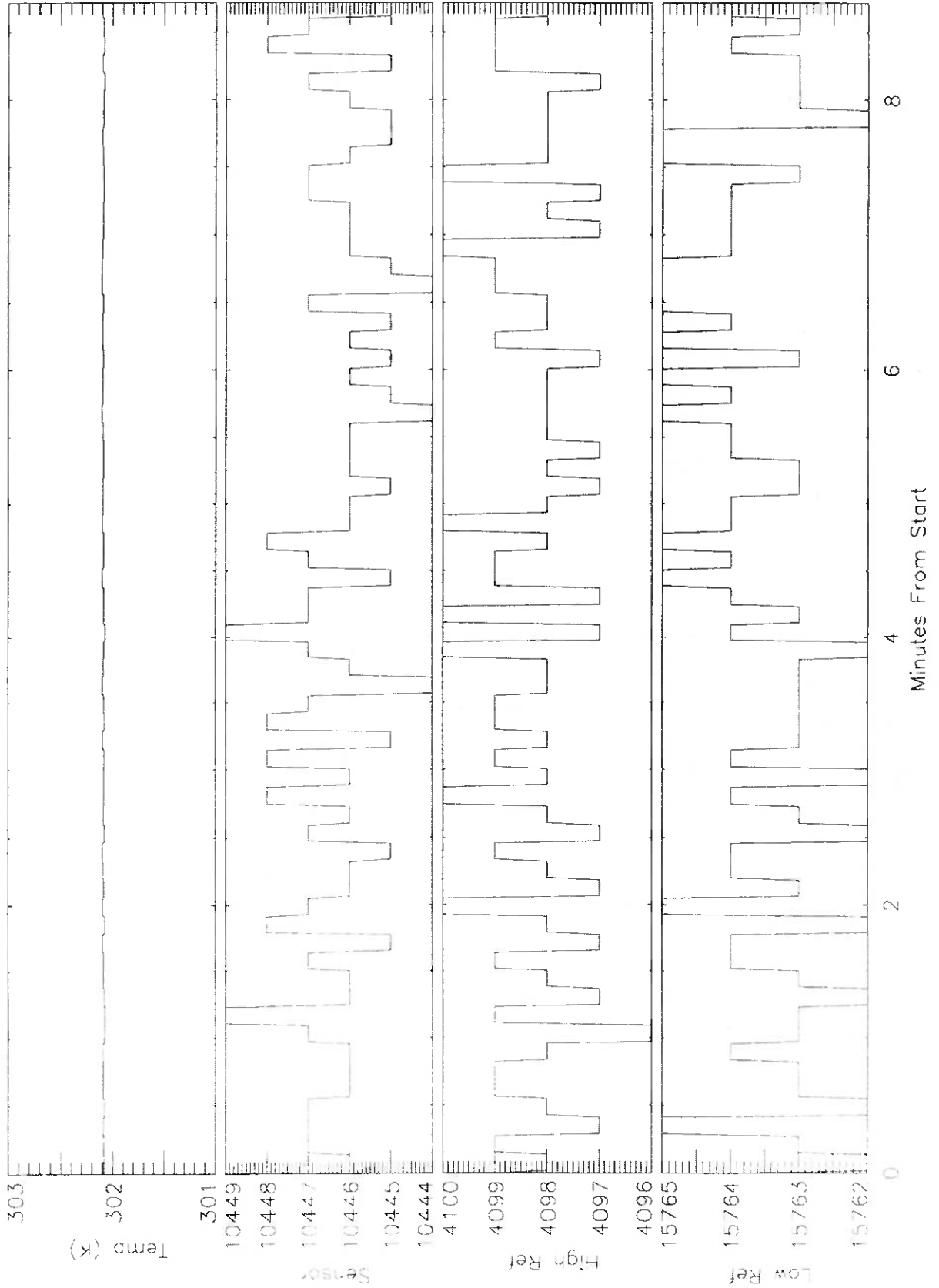
[S_ENG_CAL3_1 [calibration source 3, PRT 1 (eng_data)]]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_CAL3_1, calibration source 3, PRT 1 (eng_data)

Time days	TS_ENG_CAL3_1 K
14472.62507466,	302.082432
14472.62516944,	302.087422
14472.62526427,	302.090401
14472.62535907,	302.076472
14472.62545390,	302.079452
14472.62554870,	302.085411
14472.62564352,	302.076958
14472.62573833,	302.079452
14472.62583316,	302.081947
14472.62592796,	302.090401
14472.62602278,	302.089917
14472.62611759,	302.079452
14472.62621237,	302.076958
14472.62630722,	302.079452
14472.62640205,	302.082432
14472.62649685,	302.073978
14472.62659167,	302.082432
14472.62668648,	302.079452
14472.62678130,	302.081947
14472.62687612,	302.087422
14472.62697093,	302.081947
14472.62706574,	302.092897
14472.62716056,	302.087422
14472.62725537,	302.076472
14472.62735025,	302.081947
14472.62744500,	302.070998
14472.62753981,	302.084442
14472.62763463,	302.090401
14472.62772944,	302.076958
14472.62782429,	302.082432
14472.62791907,	302.100868
14472.62801389,	302.082432
14472.62810869,	302.084442
14472.62820352,	302.084927
14472.62829839,	302.089917
14472.62839315,	302.082432
14472.62848796,	302.082432
14472.62858272,	302.100868
14472.62867760,	302.098854
14472.62877242,	302.079938
14472.62886722,	302.079452
14472.62896204,	302.090401
14472.62905683,	302.087422
14472.62915168,	302.087422
14472.62924655,	302.095875
14472.62934130,	302.081947
14472.62943612,	302.084927
14472.62953090,	302.084927
14472.62962576,	302.076472
14472.62972057,	302.099336
14472.62981537,	302.092897
14472.62991019,	302.093380
14472.63000500,	302.092897
14472.63009983,	302.088390
14472.63019463,	302.090401
14472.63028944,	302.092897
14472.63038426,	302.078967
14472.63047907,	302.085411
14472.63057392,	302.079452
14472.63066870,	302.079452
14472.63076352,	302.079938
14472.63085833,	302.089917
14472.63095315,	302.084927
14472.63104797,	302.079452

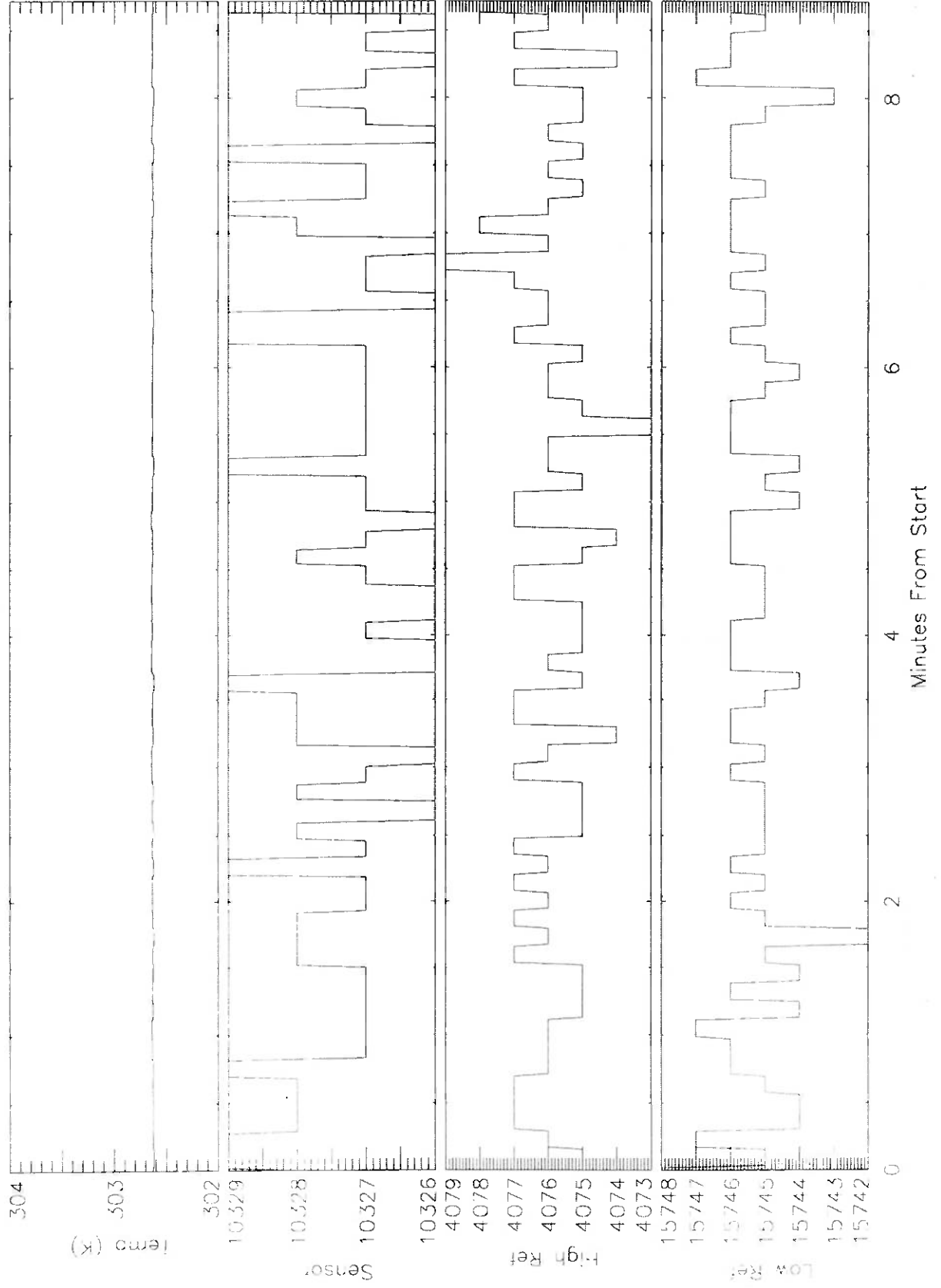
1S_ENG_CAL3_2 [calibration source 3, PRT 2 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_CAL3_2, calibration source 3, PRT 2 (eng_data)

Time	TS_ENG_CAL3_2
days	K
14472.62507466,	302.085484
14472.62516944,	302.085484
14472.62526427,	302.086453
14472.62535907,	302.080006
14472.62545390,	302.090963
14472.62554870,	302.090963
14472.62564352,	302.091447
14472.62573833,	302.077996
14472.62583316,	302.074527
14472.62592796,	302.082988
14472.62602278,	302.088466
14472.62611759,	302.088466
14472.62621237,	302.094427
14472.62630722,	302.074527
14472.62640205,	302.093944
14472.62649685,	302.085969
14472.62659167,	302.091447
14472.62668648,	302.099422
14472.62678130,	302.077510
14472.62687612,	302.088466
14472.62697093,	302.085484
14472.62706574,	302.085484
14472.62716056,	302.082988
14472.62725537,	302.093944
14472.62735025,	302.080006
14472.62744500,	302.085484
14472.62753981,	302.099422
14472.62763463,	302.088466
14472.62772944,	302.085000
14472.62782429,	302.072518
14472.62791907,	302.087981
14472.62801389,	302.083473
14472.62810869,	302.102402
14472.62820352,	302.088466
14472.62829839,	302.083473
14472.62839315,	302.096441
14472.62848796,	302.091447
14472.62858272,	302.091447
14472.62867760,	302.088466
14472.62877242,	302.088950
14472.62886722,	302.091447
14472.62896204,	302.105381
14472.62905683,	302.096924
14472.62915168,	302.094427
14472.62924655,	302.091447
14472.62934130,	302.096924
14472.62943612,	302.096924
14472.62953090,	302.088950
14472.62962576,	302.107879
14472.62972057,	302.102402
14472.62981537,	302.096441
14472.62991019,	302.088950
14472.63000500,	302.091447
14472.63009983,	302.083473
14472.63019463,	302.087981
14472.63028944,	302.094427
14472.63038426,	302.099904
14472.63047907,	302.090963
14472.63057392,	302.088466
14472.63066870,	302.080491
14472.63076352,	302.096441
14472.63085833,	302.082988
14472.63095315,	302.085484
14472.63104797,	302.096924

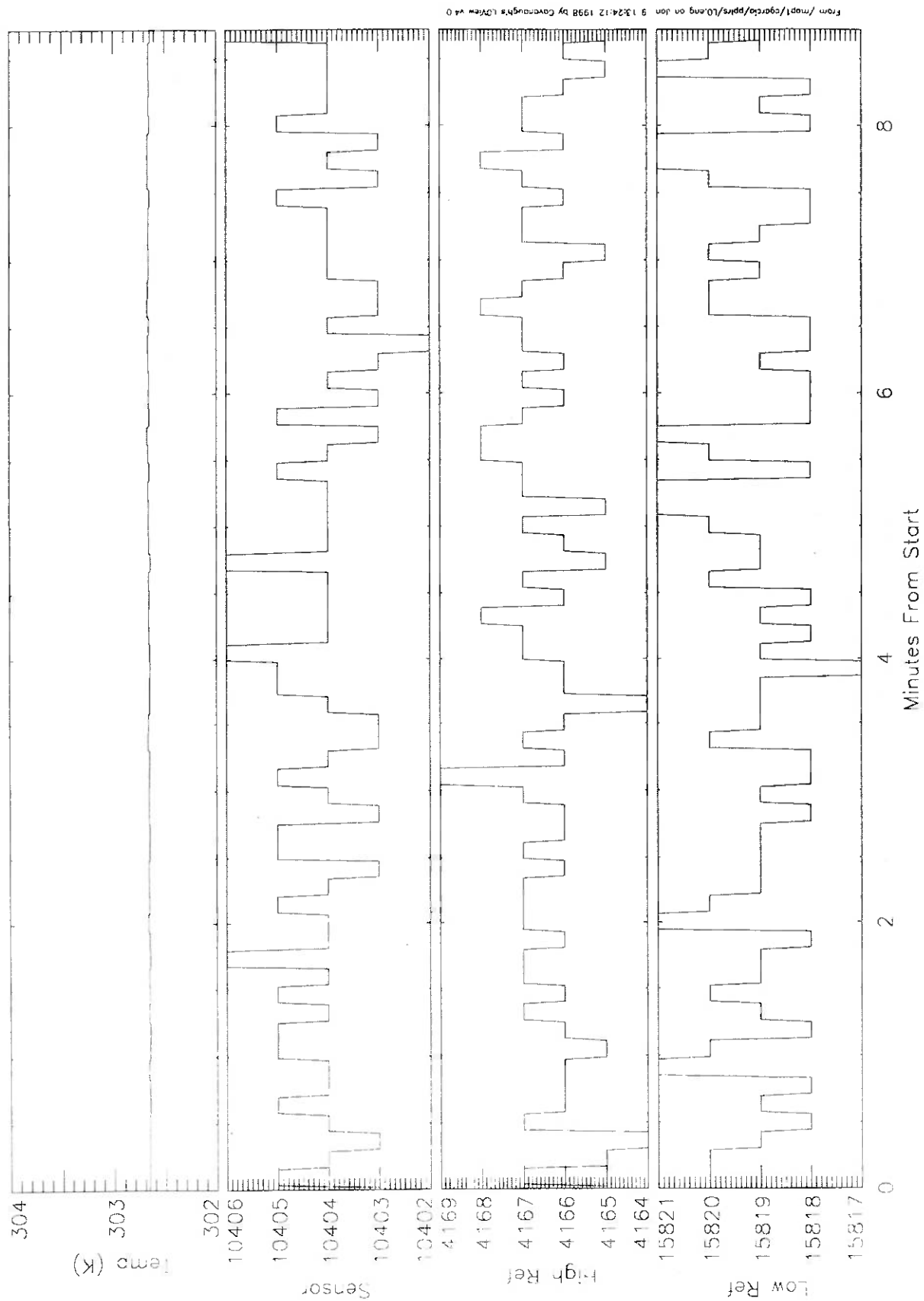
TS_ENG_CAL4_1 [calibration source 4, PRT 1 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_CAL4_1, calibration source 4, PRT 1 (eng_data)

Time	TS_ENG_CAL4_1
days	K
14472.62507466,	302.618125
14472.62516944,	302.626536
14472.62526427,	302.625752
14472.62535907,	302.625752
14472.62545390,	302.628686
14472.62554870,	302.623601
14472.62564352,	302.634555
14472.62573833,	302.637488
14472.62583316,	302.626144
14472.62592796,	302.632012
14472.62602278,	302.626144
14472.62611759,	302.628686
14472.62621237,	302.617338
14472.62630722,	302.628686
14472.62640205,	302.634555
14472.62649685,	302.634164
14472.62659167,	302.623601
14472.62668648,	302.634164
14472.62678130,	302.623601
14472.62687612,	302.634555
14472.62697093,	302.623601
14472.62706574,	302.637098
14472.62716056,	302.637098
14472.62725537,	302.623994
14472.62735025,	302.631621
14472.62744500,	302.628686
14472.62753981,	302.615190
14472.62763463,	302.640031
14472.62772944,	302.637488
14472.62782429,	302.632012
14472.62791907,	302.634555
14472.62801389,	302.639642
14472.62810869,	302.634164
14472.62820352,	302.626536
14472.62829839,	302.629469
14472.62839315,	302.642575
14472.62848796,	302.631230
14472.62858272,	302.629078
14472.62867760,	302.617731
14472.62877242,	302.634555
14472.62886722,	302.626927
14472.62896204,	302.632012
14472.62905683,	302.631621
14472.62915168,	302.628686
14472.62924655,	302.629078
14472.62934130,	302.626144
14472.62943612,	302.620667
14472.62953090,	302.637098
14472.62962576,	302.637098
14472.62972057,	302.639252
14472.62981537,	302.640031
14472.62991019,	302.634164
14472.63000500,	302.623601
14472.63009983,	302.629078
14472.63019463,	302.634555
14472.63028944,	302.621059
14472.63038426,	302.640031
14472.63047907,	302.629078
14472.63057392,	302.617731
14472.63066870,	302.640031
14472.63076352,	302.634945
14472.63085833,	302.637098
14472.63095315,	302.637098
14472.63104797,	302.628686

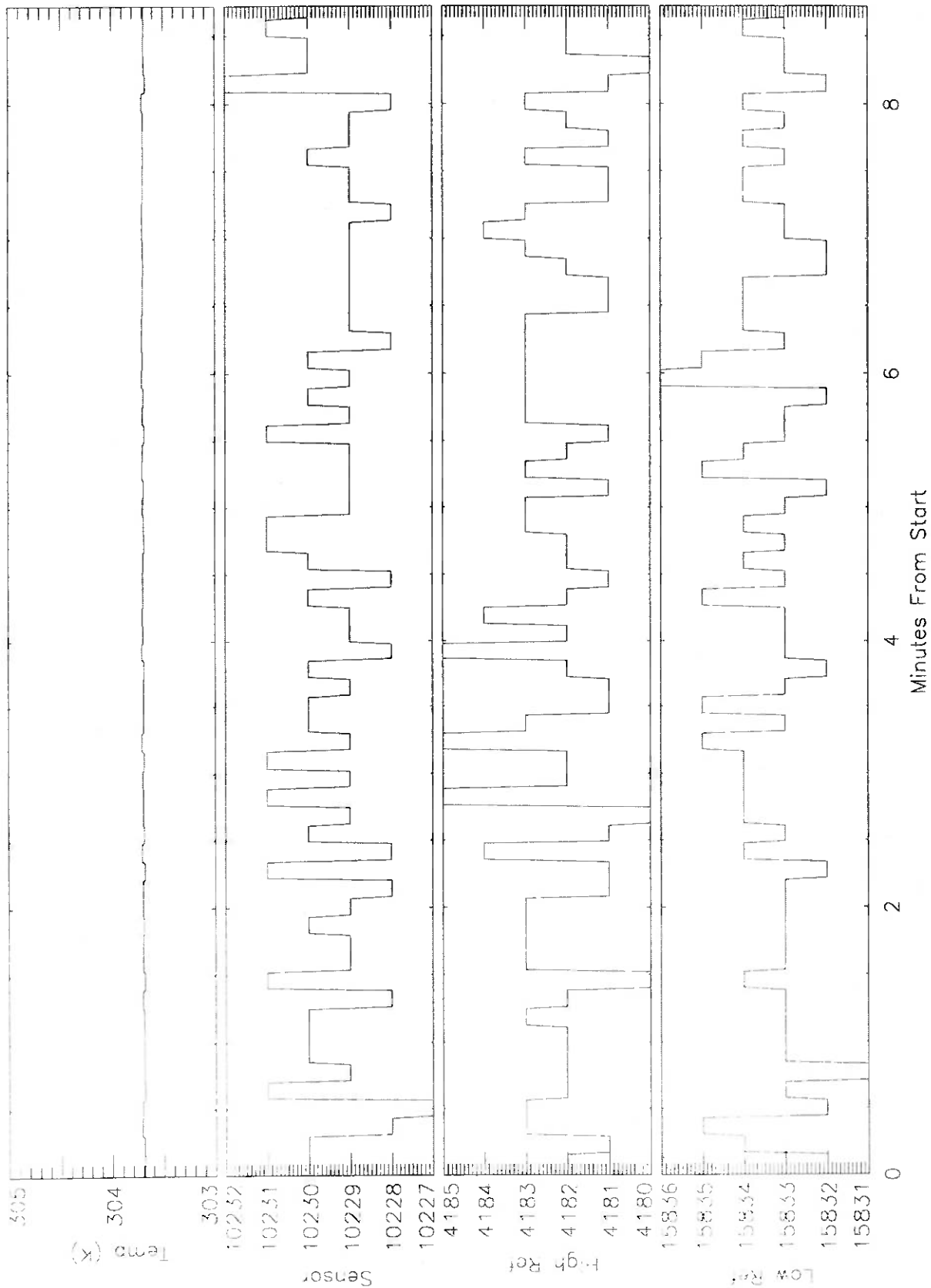
IS_ENG_CAL4_2 [calibration source 4, PRT 2 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_CAL4_2, calibration source 4, PRT 2 (eng_data)

Time	TS_ENG_CAL4_2
days	K
14472.62507466,	302.655912
14472.62516944,	302.656299
14472.62526427,	302.656299
14472.62535907,	302.655524
14472.62545390,	302.650427
14472.62554870,	302.652975
14472.62564352,	302.661783
14472.62573833,	302.650815
14472.62583316,	302.647490
14472.62592796,	302.658461
14472.62602278,	302.653363
14472.62611759,	302.658461
14472.62621237,	302.647490
14472.62630722,	302.652975
14472.62640205,	302.664332
14472.62649685,	302.655912
14472.62659167,	302.658461
14472.62668648,	302.661396
14472.62678130,	302.652975
14472.62687612,	302.650427
14472.62697093,	302.658461
14472.62706574,	302.658461
14472.62716056,	302.655137
14472.62725537,	302.652975
14472.62735025,	302.666881
14472.62744500,	302.661396
14472.62753981,	302.650815
14472.62763463,	302.650427
14472.62772944,	302.644553
14472.62782429,	302.647490
14472.62791907,	302.655524
14472.62801389,	302.661010
14472.62810869,	302.652975
14472.62820352,	302.661396
14472.62829839,	302.642395
14472.62839315,	302.655912
14472.62848796,	302.661396
14472.62858272,	302.659234
14472.62867760,	302.664332
14472.62877242,	302.650039
14472.62886722,	302.663946
14472.62896204,	302.672366
14472.62905683,	302.650039
14472.62915168,	302.658461
14472.62924655,	302.655524
14472.62934130,	302.661396
14472.62943612,	302.666495
14472.62953090,	302.655524
14472.62962576,	302.669431
14472.62972057,	302.666881
14472.62981537,	302.655912
14472.62991019,	302.656299
14472.63000500,	302.658461
14472.63009983,	302.655524
14472.63019463,	302.647490
14472.63028944,	302.666881
14472.63038426,	302.666881
14472.63047907,	302.667266
14472.63057392,	302.650039
14472.63066870,	302.658461
14472.63076352,	302.652975
14472.63085833,	302.659234
14472.63095315,	302.658847
14472.63104797,	302.642395

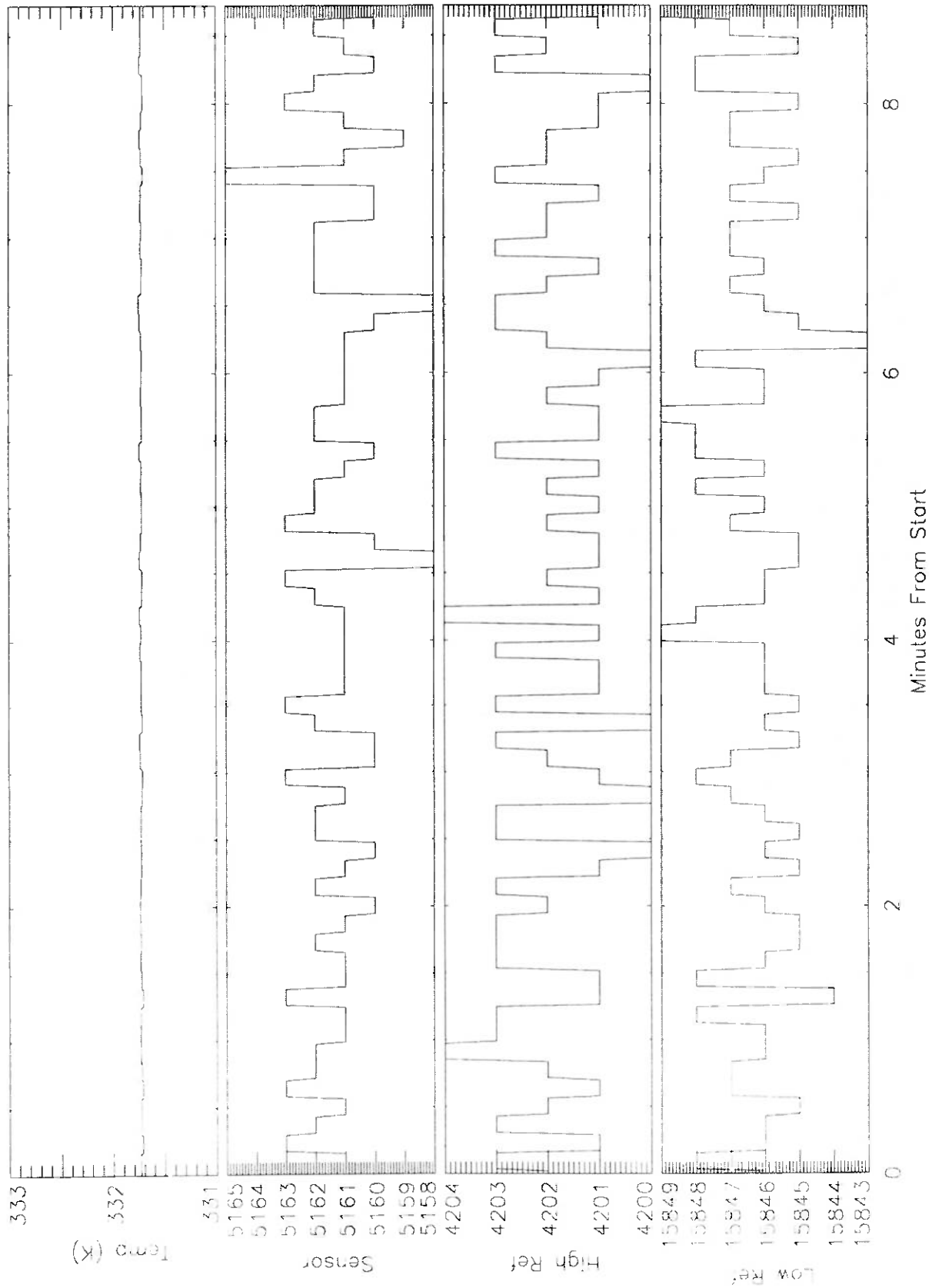
TS_ENG_SIEVE1 [sieve 1, PRT (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_SIEVE1, sieve 1, PRT (eng_data)

Time	TS_ENG_SIEVE1
days	K
14472.62507466,	303.689610
14472.62516944,	303.692668
14472.62526427,	303.711767
14472.62535907,	303.708713
14472.62545390,	303.686971
14472.62554870,	303.692249
14472.62564352,	303.692458
14472.62573833,	303.692458
14472.62583316,	303.695097
14472.62592796,	303.703433
14472.62602278,	303.684544
14472.62611759,	303.700585
14472.62621237,	303.700585
14472.62630722,	303.695097
14472.62640205,	303.700585
14472.62649685,	303.700793
14472.62659167,	303.681484
14472.62668648,	303.711561
14472.62678130,	303.689820
14472.62687612,	303.695516
14472.62697093,	303.697737
14472.62706574,	303.700793
14472.62716056,	303.689820
14472.62725537,	303.711561
14472.62735025,	303.695097
14472.62744500,	303.695516
14472.62753981,	303.695307
14472.62763463,	303.689610
14472.62772944,	303.711354
14472.62782429,	303.697946
14472.62791907,	303.703225
14472.62801389,	303.698154
14472.62810869,	303.700793
14472.62820352,	303.695307
14472.62829839,	303.686971
14472.62839315,	303.692458
14472.62848796,	303.700585
14472.62858272,	303.692458
14472.62867760,	303.706280
14472.62877242,	303.700793
14472.62886722,	303.684333
14472.62896204,	303.700585
14472.62905683,	303.692249
14472.62915168,	303.709127
14472.62924655,	303.700793
14472.62934130,	303.706073
14472.62943612,	303.703433
14472.62953090,	303.698154
14472.62962576,	303.698154
14472.62972057,	303.695097
14472.62981537,	303.697737
14472.62991019,	303.703225
14472.63000500,	303.706073
14472.63009983,	303.698154
14472.63019463,	303.698154
14472.63028944,	303.695097
14472.63038426,	303.698154
14472.63047907,	303.697946
14472.63057392,	303.708920
14472.63066870,	303.675997
14472.63076352,	303.687182
14472.63085833,	303.692458
14472.63095315,	303.689820
14472.63104797,	303.692458

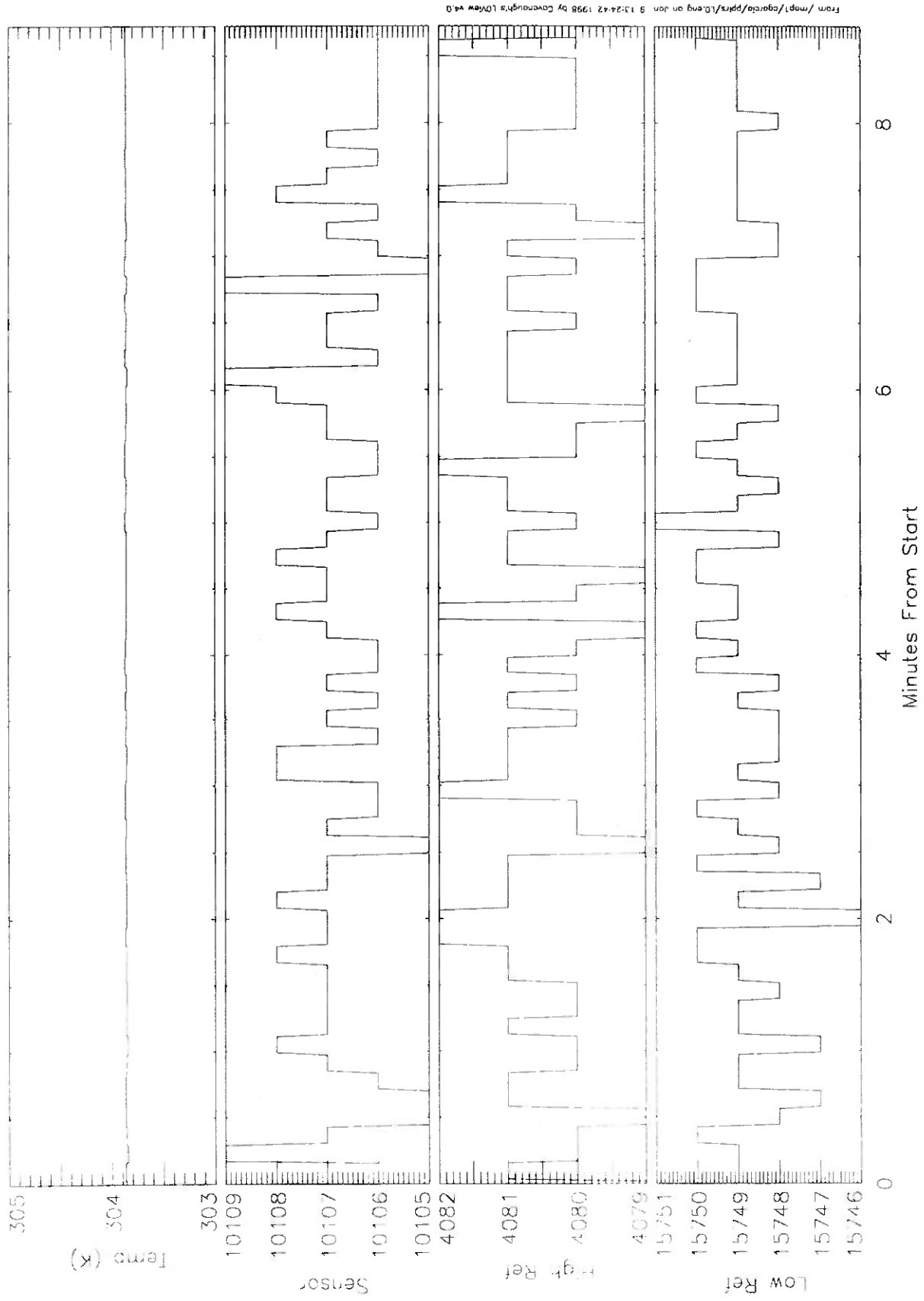
TS_ENG_SIEVE2 [sieve 2, PRT (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_SIEVE2, sieve 2, PRT (eng_data)

Time	TS_ENG_SIEVE2
days	K
14472.62507466,	331.736852
14472.62516944,	331.714707
14472.62526427,	331.730404
14472.62535907,	331.730404
14472.62545390,	331.715165
14472.62554870,	331.725780
14472.62564352,	331.735486
14472.62573833,	331.735941
14472.62583316,	331.736852
14472.62592796,	331.713792
14472.62602278,	331.726692
14472.62611759,	331.735941
14472.62621237,	331.729948
14472.62630722,	331.735486
14472.62640205,	331.736397
14472.62649685,	331.730860
14472.62659167,	331.725323
14472.62668648,	331.726236
14472.62678130,	331.729948
14472.62687612,	331.730404
14472.62697093,	331.721157
14472.62706574,	331.715622
14472.62716056,	331.736852
14472.62725537,	331.741023
14472.62735025,	331.715165
14472.62744500,	331.724410
14472.62753981,	331.725780
14472.62763463,	331.725780
14472.62772944,	331.735941
14472.62782429,	331.727149
14472.62791907,	331.741934
14472.62801389,	331.720244
14472.62810869,	331.719787
14472.62820352,	331.741934
14472.62829839,	331.730860
14472.62839315,	331.720244
14472.62848796,	331.720244
14472.62858272,	331.726236
14472.62867760,	331.725780
14472.62877242,	331.742389
14472.62886722,	331.721157
14472.62896204,	331.721614
14472.62905683,	331.730860
14472.62915168,	331.725780
14472.62924655,	331.721614
14472.62934130,	331.729492
14472.62943612,	331.741023
14472.62953090,	331.752553
14472.62962576,	331.725780
14472.62972057,	331.720244
14472.62981537,	331.730860
14472.62991019,	331.725780
14472.63000500,	331.735941
14472.63009983,	331.731772
14472.63019463,	331.713792
14472.63028944,	331.730404
14472.63038426,	331.742389
14472.63047907,	331.726236
14472.63057392,	331.714250
14472.63066870,	331.716079
14472.63076352,	331.742389
14472.63085833,	331.730404
14472.63095315,	331.730860
14472.63104797,	331.732683

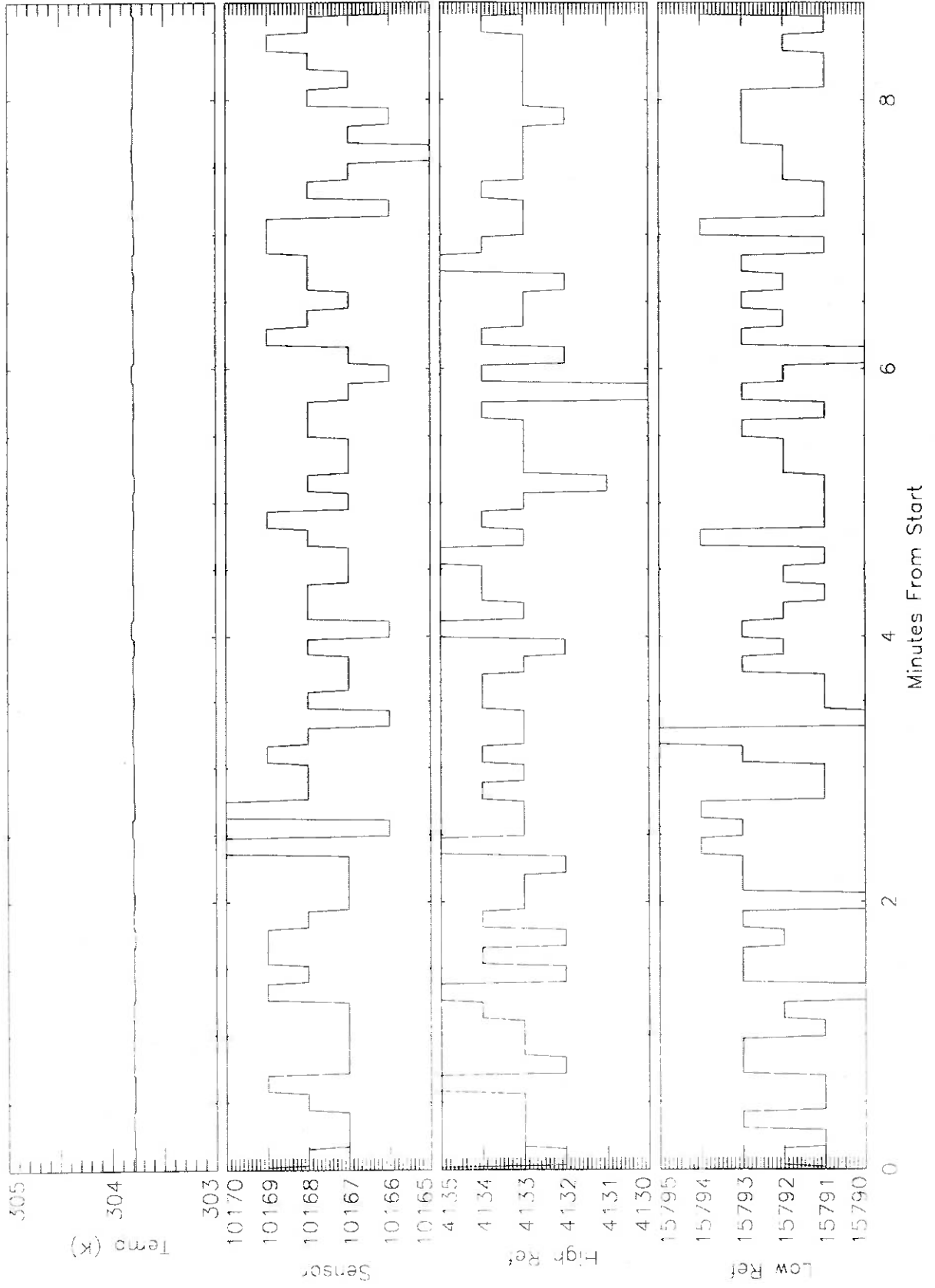
TS_ENG_SIEVE3 [sieve 3, PRT (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_SIEVE3, sieve 3, PRT (eng_data)

Time	TS_ENG_SIEVE3
days	K
14472.62507466,	303.866839
14472.62516944,	303.847752
14472.62526427,	303.861540
14472.62535907,	303.864189
14472.62545390,	303.866659
14472.62554870,	303.866839
14472.62564352,	303.858710
14472.62573833,	303.847569
14472.62583316,	303.861359
14472.62592796,	303.858710
14472.62602278,	303.855880
14472.62611759,	303.861359
14472.62621237,	303.858710
14472.62630722,	303.866839
14472.62640205,	303.855517
14472.62649685,	303.855880
14472.62659167,	303.855699
14472.62668648,	303.864189
14472.62678130,	303.864189
14472.62687612,	303.858710
14472.62697093,	303.867018
14472.62706574,	303.866659
14472.62716056,	303.855880
14472.62725537,	303.853049
14472.62735025,	303.864009
14472.62744500,	303.855880
14472.62753981,	303.866839
14472.62763463,	303.855880
14472.62772944,	303.869668
14472.62782429,	303.864189
14472.62791907,	303.858891
14472.62801389,	303.858529
14472.62810869,	303.858710
14472.62820352,	303.858891
14472.62829839,	303.858710
14472.62839315,	303.858529
14472.62848796,	303.869847
14472.62858272,	303.861359
14472.62867760,	303.858529
14472.62877242,	303.869489
14472.62886722,	303.867018
14472.62896204,	303.858710
14472.62905683,	303.853231
14472.62915168,	303.858710
14472.62924655,	303.850400
14472.62934130,	303.866839
14472.62943612,	303.861359
14472.62953090,	303.858710
14472.62962576,	303.869668
14472.62972057,	303.853231
14472.62981537,	303.872497
14472.62991019,	303.864009
14472.63000500,	303.853231
14472.63009983,	303.864189
14472.63019463,	303.858529
14472.63028944,	303.861359
14472.63038426,	303.866839
14472.63047907,	303.861359
14472.63057392,	303.861359
14472.63066870,	303.864189
14472.63076352,	303.864189
14472.63085833,	303.864189
14472.63095315,	303.869489
14472.63104797,	303.867018

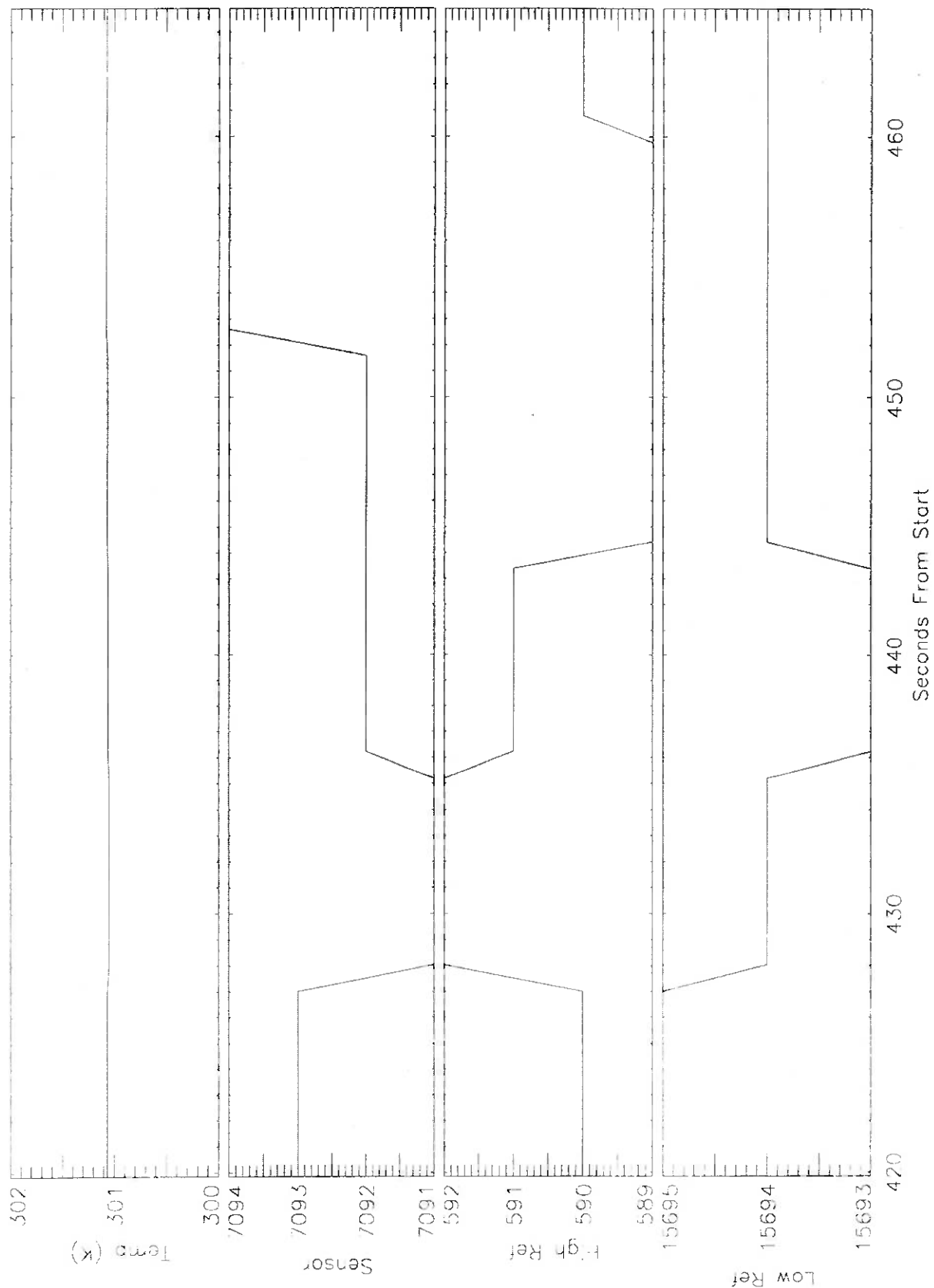
TS_ENG_SIEVE4 [sieve 4, PRT (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TS_ENG_SIEVE4, sieve 4, PRT (eng_data)

Time	TS_ENG_SIEVE4
days	K
14472.62507466,	303.783872
14472.62516944,	303.789162
14472.62526427,	303.794838
14472.62535907,	303.783678
14472.62545390,	303.783484
14472.62554870,	303.792193
14472.62564352,	303.794838
14472.62573833,	303.789162
14472.62583316,	303.794647
14472.62592796,	303.780645
14472.62602278,	303.786710
14472.62611759,	303.786517
14472.62621237,	303.778389
14472.62630722,	303.792001
14472.62640205,	303.786324
14472.62649685,	303.794838
14472.62659167,	303.792193
14472.62668648,	303.786517
14472.62678130,	303.800322
14472.62687612,	303.781228
14472.62697093,	303.786324
14472.62706574,	303.783678
14472.62716056,	303.786517
14472.62725537,	303.795030
14472.62735025,	303.791808
14472.62744500,	303.786324
14472.62753981,	303.791808
14472.62763463,	303.794838
14472.62772944,	303.783872
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14472.62791907,	303.786517
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14472.62810869,	303.794647
14472.62820352,	303.794455
14472.62829839,	303.792193
14472.62839315,	303.780839
14472.62848796,	303.789162
14472.62858272,	303.778389
14472.62867760,	303.792001
14472.62877242,	303.792001
14472.62886722,	303.789355
14472.62896204,	303.786324
14472.62905683,	303.786904
14472.62915168,	303.800131
14472.62924655,	303.783678
14472.62934130,	303.786517
14472.62943612,	303.786517
14472.62953090,	303.794838
14472.62962576,	303.783872
14472.62972057,	303.794647
14472.62981537,	303.780839
14472.62991019,	303.786710
14472.63000500,	303.794647
14472.63009983,	303.786324
14472.63019463,	303.792001
14472.63028944,	303.802968
14472.63038426,	303.794838
14472.63047907,	303.797676
14472.63057392,	303.789355
14472.63066870,	303.789162
14472.63076352,	303.783678
14472.63085833,	303.781033
14472.63095315,	303.786324
14472.63104797,	303.803159

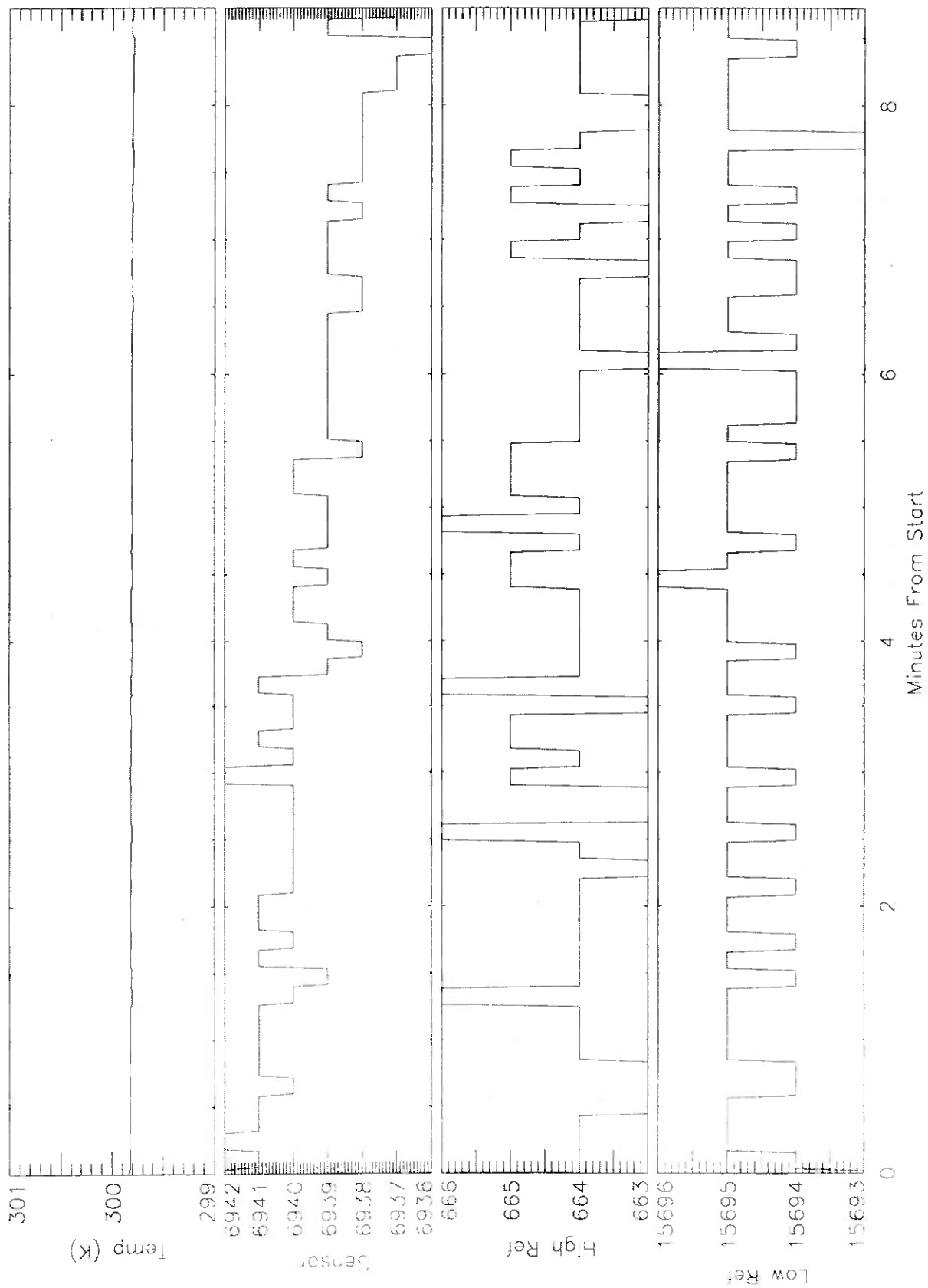
TR_ENG_LMC1 [LMC1 GAS, thermistor (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TR_ENG_LMC1, LMC1 GAS, thermistor (eng_data)

Time	TR_ENG_LMC1
days	K
14472.62507466,	301.074555
14472.62516944,	301.068173
14472.62526427,	301.067286
14472.62535907,	301.077303
14472.62545390,	301.074555
14472.62554870,	301.071807
14472.62564352,	301.054521
14472.62573833,	301.080937
14472.62583316,	301.070921
14472.62592796,	301.070921
14472.62602278,	301.061791
14472.62611759,	301.071807
14472.62621237,	301.064539
14472.62630722,	301.073669
14472.62640205,	301.064539
14472.62649685,	301.070921
14472.62659167,	301.068173
14472.62668648,	301.067286
14472.62678130,	301.064539
14472.62687612,	301.064539
14472.62697093,	301.064539
14472.62706574,	301.064539
14472.62716056,	301.074555
14472.62725537,	301.074555
14472.62735025,	301.058156
14472.62744500,	301.070921
14472.62753981,	301.074555
14472.62763463,	301.078188
14472.62772944,	301.074555
14472.62782429,	301.060904
14472.62791907,	301.070035
14472.62801389,	301.074555
14472.62810869,	301.064539
14472.62820352,	301.061791
14472.62829839,	301.061791
14472.62839315,	301.061791
14472.62848796,	301.061791
14472.62858272,	301.064539
14472.62867760,	301.061791
14472.62877242,	301.064539
14472.62886722,	301.070921
14472.62896204,	301.071807
14472.62905683,	301.064539
14472.62915168,	301.061791
14472.62924655,	301.070035
14472.62934130,	301.071807
14472.62943612,	301.081821
14472.62953090,	301.060904
14472.62962576,	301.060904
14472.62972057,	301.070035
14472.62981537,	301.058156
14472.62991019,	301.064539
14472.63000500,	301.047249
14472.63009983,	301.060016
14472.63019463,	301.064539
14472.63028944,	301.077303
14472.63038426,	301.073669
14472.63047907,	301.058156
14472.63057392,	301.061791
14472.63066870,	301.065425
14472.63076352,	301.064539
14472.63085833,	301.067286
14472.63095315,	301.061791
14472.63104797,	301.064539

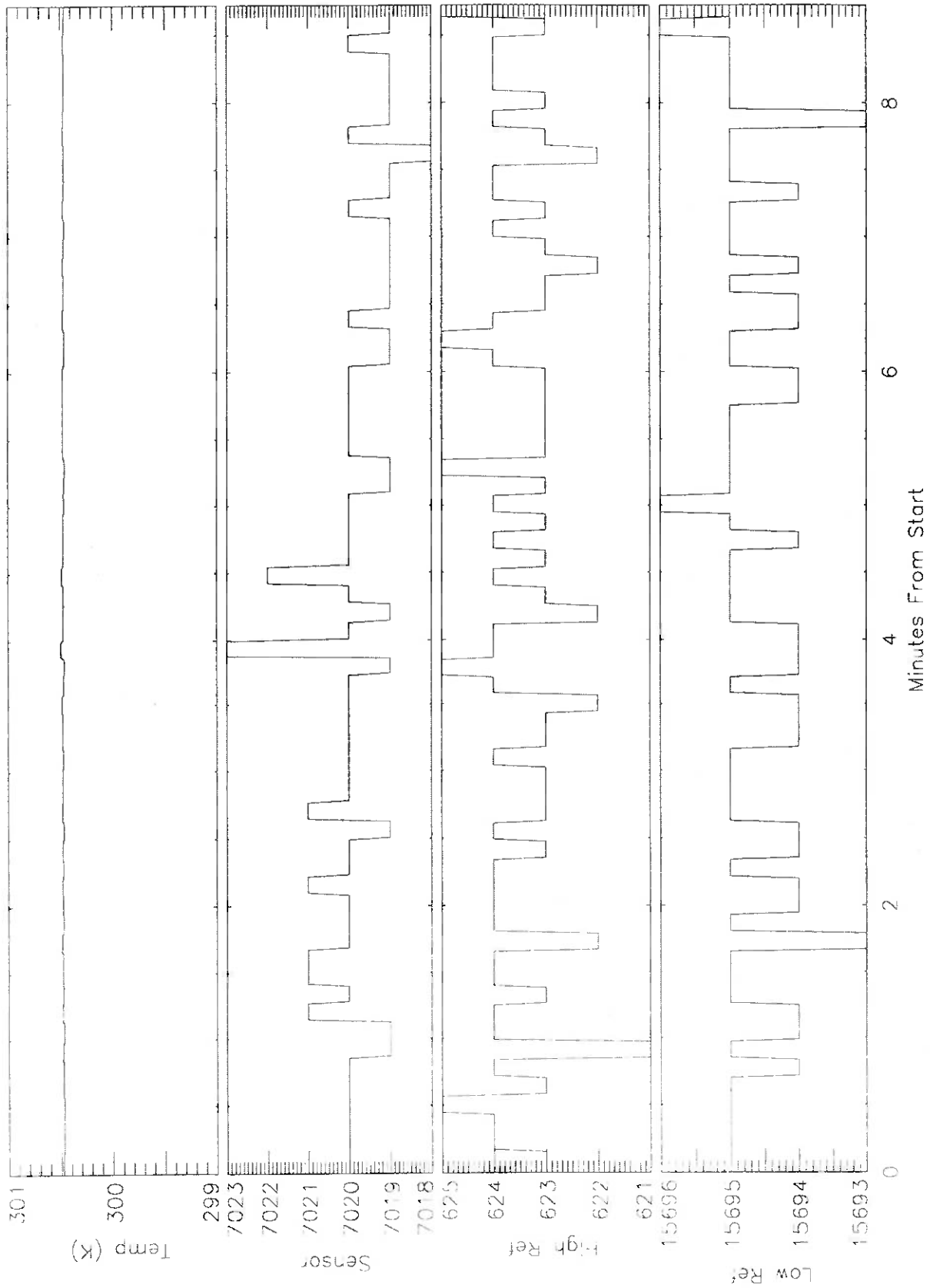
TR_ENG_LMC2 [LMC2 GAS, thermistor (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TR_ENG_LMC2, LMC2 GAS, thermistor (eng_data)

Time days	TR_ENG_LMC2 K
14472.62507466,	299.821379
14472.62516944,	299.825119
14472.62526427,	299.818697
14472.62535907,	299.822437
14472.62545390,	299.818697
14472.62554870,	299.825119
14472.62564352,	299.818697
14472.62573833,	299.818697
14472.62583316,	299.818697
14472.62592796,	299.804792
14472.62602278,	299.808534
14472.62611759,	299.818697
14472.62621237,	299.814956
14472.62630722,	299.818697
14472.62640205,	299.818697
14472.62649685,	299.814956
14472.62659167,	299.816015
14472.62668648,	299.812275
14472.62678130,	299.807474
14472.62687612,	299.816015
14472.62697093,	299.816015
14472.62706574,	299.824061
14472.62716056,	299.812275
14472.62725537,	299.814956
14472.62735025,	299.808534
14472.62744500,	299.818697
14472.62753981,	299.811215
14472.62763463,	299.805852
14472.62772944,	299.802111
14472.62782429,	299.805852
14472.62791907,	299.812275
14472.62801389,	299.812275
14472.62810869,	299.799430
14472.62820352,	299.808534
14472.62829839,	299.808534
14472.62839315,	299.798369
14472.62848796,	299.805852
14472.62858272,	299.808534
14472.62867760,	299.808534
14472.62877242,	299.798369
14472.62886722,	299.805852
14472.62896204,	299.808534
14472.62905683,	299.808534
14472.62915168,	299.808534
14472.62924655,	299.806912
14472.62934130,	299.808534
14472.62943612,	299.805852
14472.62953090,	299.799430
14472.62962576,	299.802111
14472.62972057,	299.812275
14472.62981537,	299.802111
14472.62991019,	299.808534
14472.63000500,	299.803171
14472.63009983,	299.804792
14472.63019463,	299.799430
14472.63028944,	299.795688
14472.63038426,	299.804792
14472.63047907,	299.803171
14472.63057392,	299.803171
14472.63066870,	299.793007
14472.63076352,	299.793007
14472.63085833,	299.789265
14472.63095315,	299.805852
14472.63104797,	299.796749

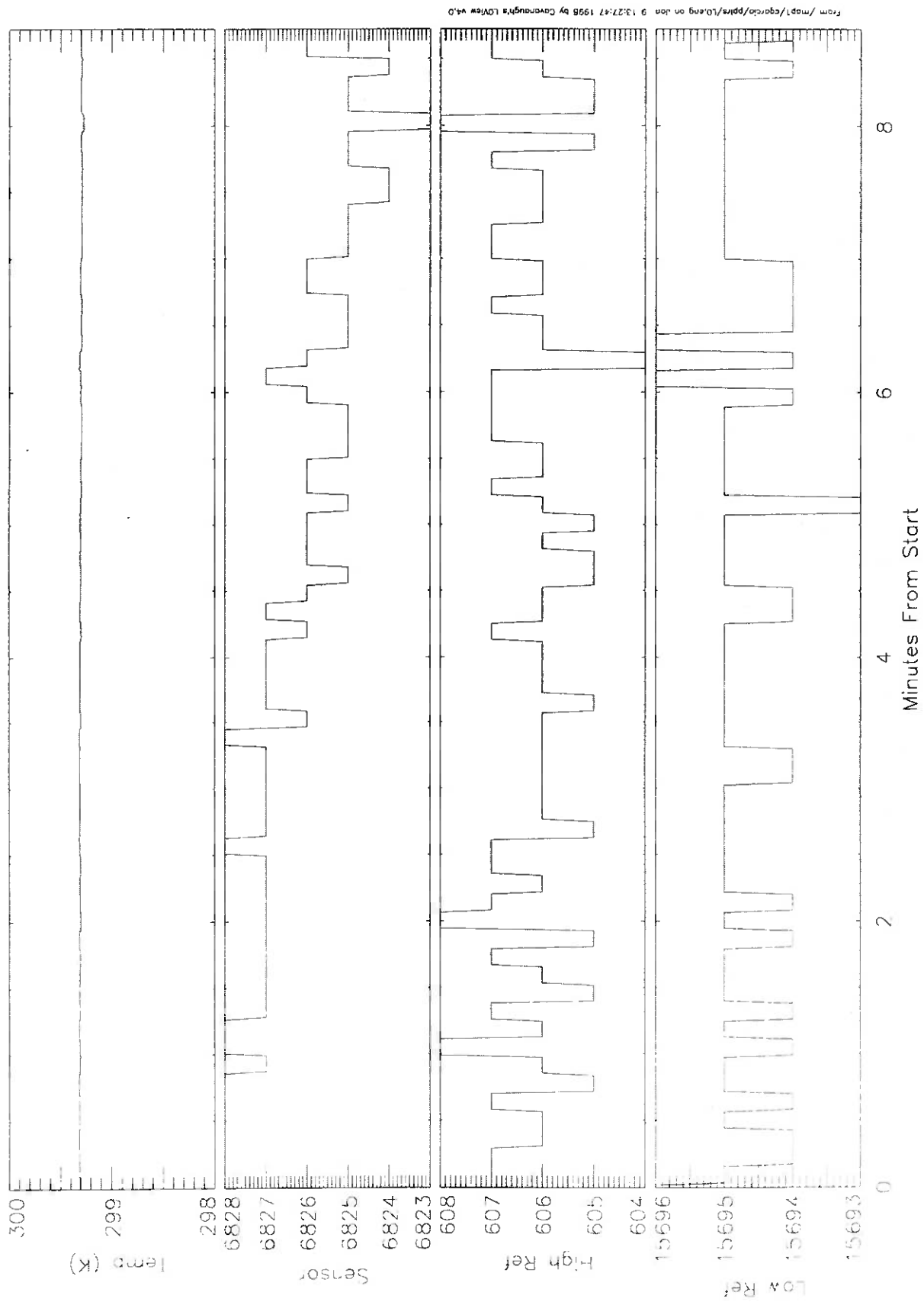
IR_ENC_LMC3 [LMC3 GAS, thermistor (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TR_ENG_LMC3, LMC3 GAS, thermistor (eng_data)

Time	TR_ENG_LMC3
days	K
14472.62507466,	300.477293
14472.62516944,	300.473609
14472.62526427,	300.473609
14472.62535907,	300.469925
14472.62545390,	300.477293
14472.62554870,	300.476325
14472.62564352,	300.478260
14472.62573833,	300.469925
14472.62583316,	300.482725
14472.62592796,	300.477293
14472.62602278,	300.480009
14472.62611759,	300.480009
14472.62621237,	300.486408
14472.62630722,	300.473609
14472.62640205,	300.476325
14472.62649685,	300.482725
14472.62659167,	300.473609
14472.62668648,	300.480009
14472.62678130,	300.469925
14472.62687612,	300.483692
14472.62697093,	300.477293
14472.62706574,	300.477293
14472.62716056,	300.473609
14472.62725537,	300.480009
14472.62735025,	300.480009
14472.62744500,	300.483692
14472.62753981,	300.473609
14472.62763463,	300.466241
14472.62772944,	300.495525
14472.62782429,	300.476325
14472.62791907,	300.474577
14472.62801389,	300.477293
14472.62810869,	300.486408
14472.62820352,	300.477293
14472.62829839,	300.476325
14472.62839315,	300.477293
14472.62848796,	300.470893
14472.62858272,	300.470893
14472.62867760,	300.463525
14472.62877242,	300.477293
14472.62886722,	300.477293
14472.62896204,	300.477293
14472.62905683,	300.480009
14472.62915168,	300.480009
14472.62924655,	300.467210
14472.62934130,	300.463525
14472.62943612,	300.476325
14472.62953090,	300.473609
14472.62962576,	300.470893
14472.62972057,	300.477293
14472.62981537,	300.470893
14472.62991019,	300.467210
14472.63000500,	300.477293
14472.63009983,	300.469925
14472.63019463,	300.467210
14472.63028944,	300.468178
14472.63038426,	300.477293
14472.63047907,	300.472641
14472.63057392,	300.470893
14472.63066870,	300.467210
14472.63076352,	300.467210
14472.63085833,	300.473609
14472.63095315,	300.468178
14472.63104797,	300.463525

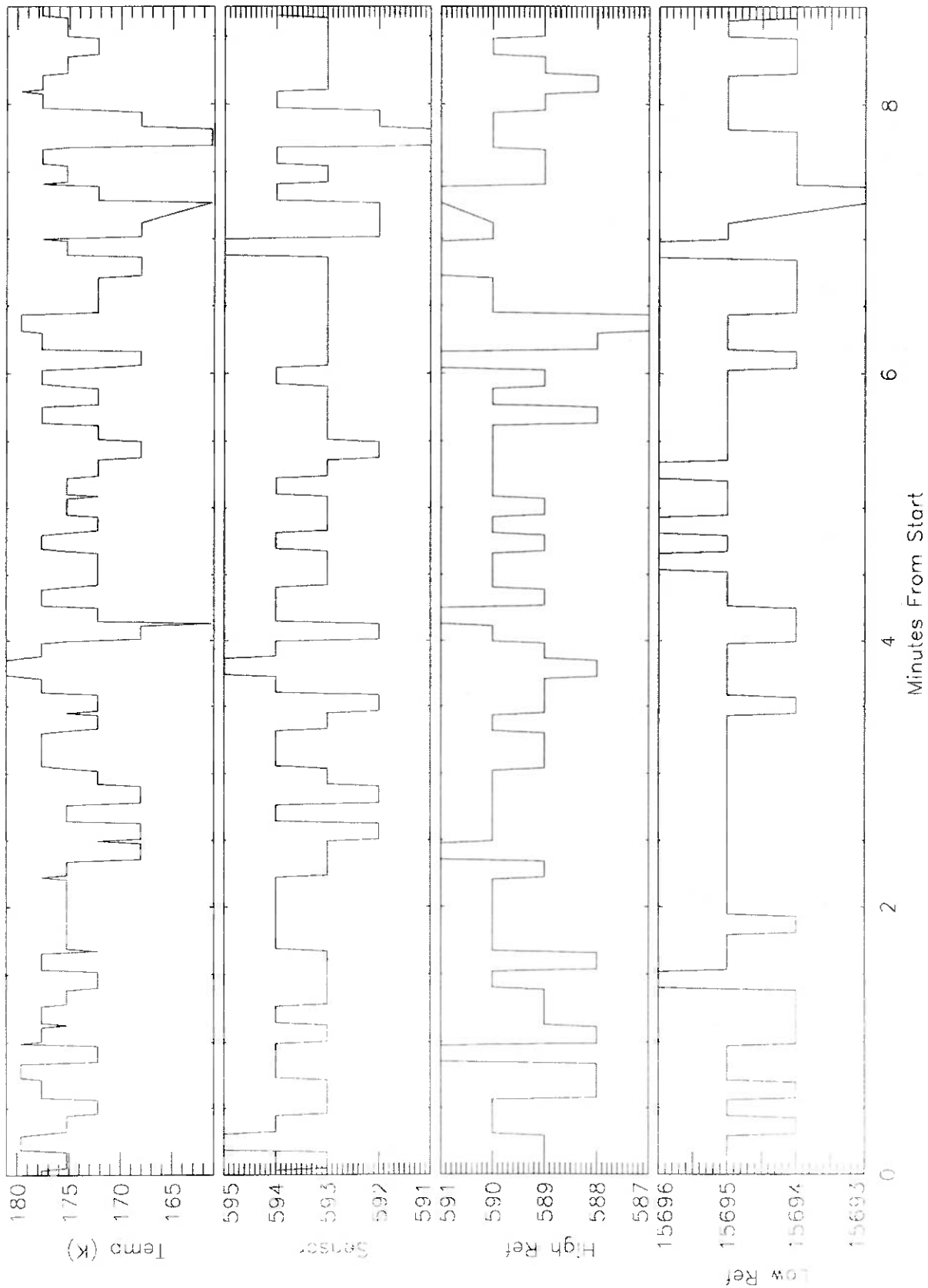
TR_ENG_LMC4 [LMC4 GAS, thermistor (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TR_ENG_LMC4, LMC4 GAS, thermistor (eng_data)

Time	TR_ENG_LMC4
days	K
14472.62507466,	299.307889
14472.62516944,	299.310530
14472.62526427,	299.314293
14472.62535907,	299.311652
14472.62545390,	299.310530
14472.62554870,	299.315415
14472.62564352,	299.305249
14472.62573833,	299.306766
14472.62583316,	299.311652
14472.62592796,	299.304125
14472.62602278,	299.309012
14472.62611759,	299.305249
14472.62621237,	299.301485
14472.62630722,	299.311652
14472.62640205,	299.297721
14472.62649685,	299.304125
14472.62659167,	299.305249
14472.62668648,	299.301485
14472.62678130,	299.307889
14472.62687612,	299.309012
14472.62697093,	299.305249
14472.62706574,	299.305249
14472.62716056,	299.307889
14472.62725537,	299.307889
14472.62735025,	299.311652
14472.62744500,	299.298845
14472.62753981,	299.309012
14472.62763463,	299.305249
14472.62772944,	299.305249
14472.62782429,	299.305249
14472.62791907,	299.295081
14472.62801389,	299.307889
14472.62810869,	299.301485
14472.62820352,	299.296205
14472.62829839,	299.302609
14472.62839315,	299.298845
14472.62848796,	299.302609
14472.62858272,	299.297721
14472.62867760,	299.295081
14472.62877242,	299.298845
14472.62886722,	299.292441
14472.62896204,	299.288677
14472.62905683,	299.288677
14472.62915168,	299.297721
14472.62924655,	299.298845
14472.62934130,	299.309012
14472.62943612,	299.289802
14472.62953090,	299.295081
14472.62962576,	299.291316
14472.62972057,	299.301485
14472.62981537,	299.301485
14472.62991019,	299.288677
14472.63000500,	299.288677
14472.63009983,	299.292441
14472.63019463,	299.286037
14472.63028944,	299.286037
14472.63038426,	299.288677
14472.63047907,	299.296205
14472.63057392,	299.272102
14472.63066870,	299.296205
14472.63076352,	299.296205
14472.63085833,	299.288677
14472.63095315,	299.295081
14472.63104797,	299.297721

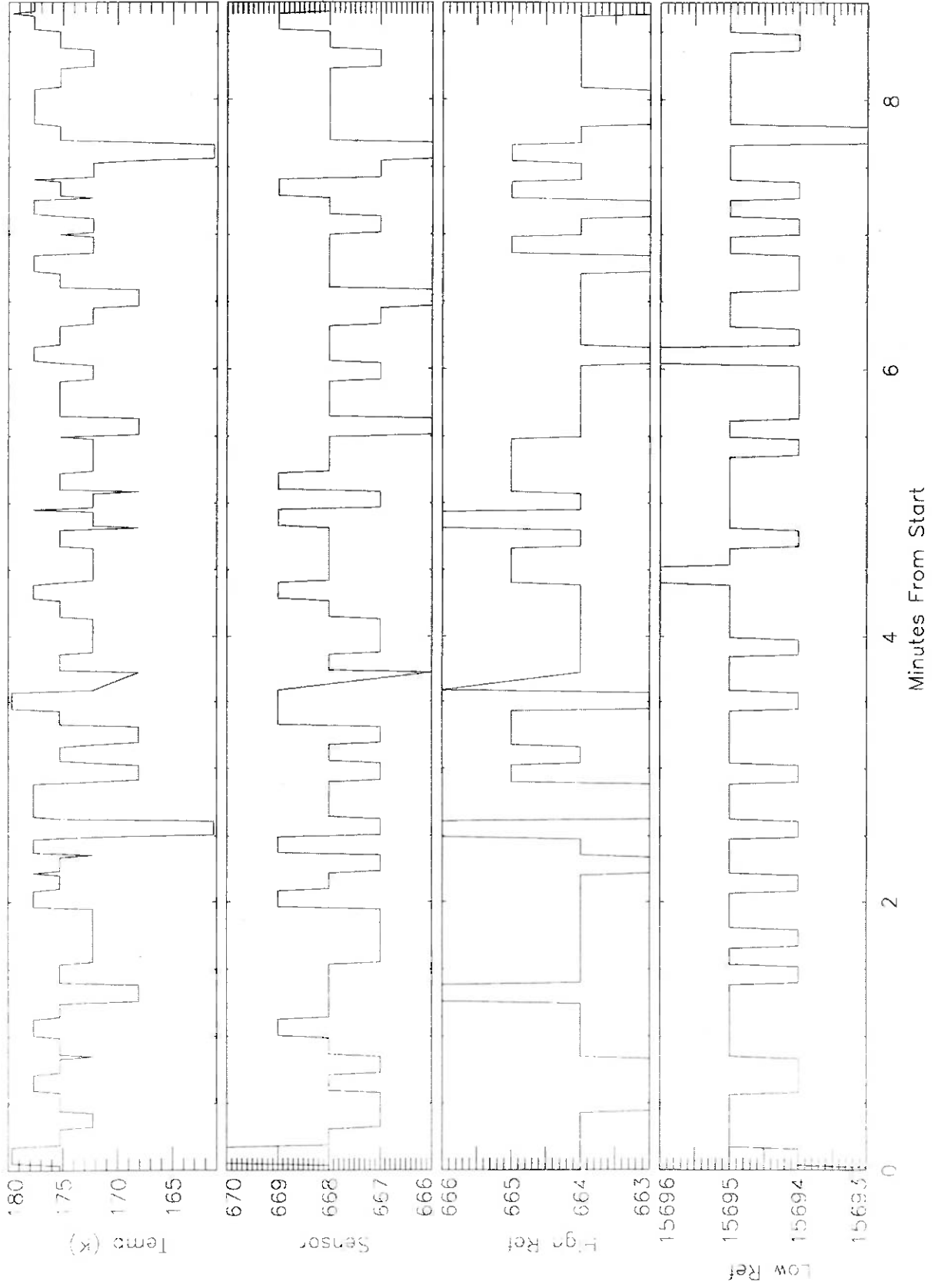
TR_ENG_SCAN1 [SCAN MIRROR 1, thermistor (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TR_ENG_SCAN1, SCAN MIRROR 1, thermistor (eng_data)

Time	TR_ENG_SCAN1
days	K
14472.62507466,	175.219061
14472.62516944,	179.612295
14472.62526427,	175.220471
14472.62535907,	172.190132
14472.62545390,	177.618613
14472.62554870,	179.611566
14472.62564352,	172.190821
14472.62573833,	177.618613
14472.62583316,	177.619332
14472.62592796,	175.219766
14472.62602278,	172.189443
14472.62611759,	177.617895
14472.62621237,	175.219766
14472.62630722,	175.220471
14472.62640205,	175.219766
14472.62649685,	175.219766
14472.62659167,	175.219061
14472.62668648,	168.038602
14472.62678130,	168.037934
14472.62687612,	175.219766
14472.62697093,	168.037934
14472.62706574,	172.190132
14472.62716056,	177.618613
14472.62725537,	177.618613
14472.62735025,	172.190132
14472.62744500,	172.190132
14472.62753981,	177.618613
14472.62763463,	181.320974
14472.62772944,	177.618613
14472.62782429,	168.038602
14472.62791907,	172.191510
14472.62801389,	177.618613
14472.62810869,	172.190132
14472.62820352,	172.189443
14472.62829839,	177.618613
14472.62839315,	172.189443
14472.62848796,	175.219061
14472.62858272,	175.219766
14472.62867760,	172.189443
14472.62877242,	168.037934
14472.62886722,	172.190132
14472.62896204,	177.617895
14472.62905683,	172.190132
14472.62915168,	177.618613
14472.62924655,	168.039269
14472.62934130,	177.617895
14472.62943612,	179.610837
14472.62953090,	172.190821
14472.62962576,	172.190821
14472.62972057,	168.039269
14472.62981537,	175.219766
14472.62991019,	168.037934
14472.63000500,	-1.000000
14472.63009983,	172.192200
14472.63019463,	175.219766
14472.63028944,	177.619332
14472.63038426,	161.242684
14472.63047907,	168.037934
14472.63057392,	177.618613
14472.63066870,	177.617895
14472.63076352,	175.219766
14472.63085833,	172.190821
14472.63095315,	175.219061
14472.63104797,	177.619332

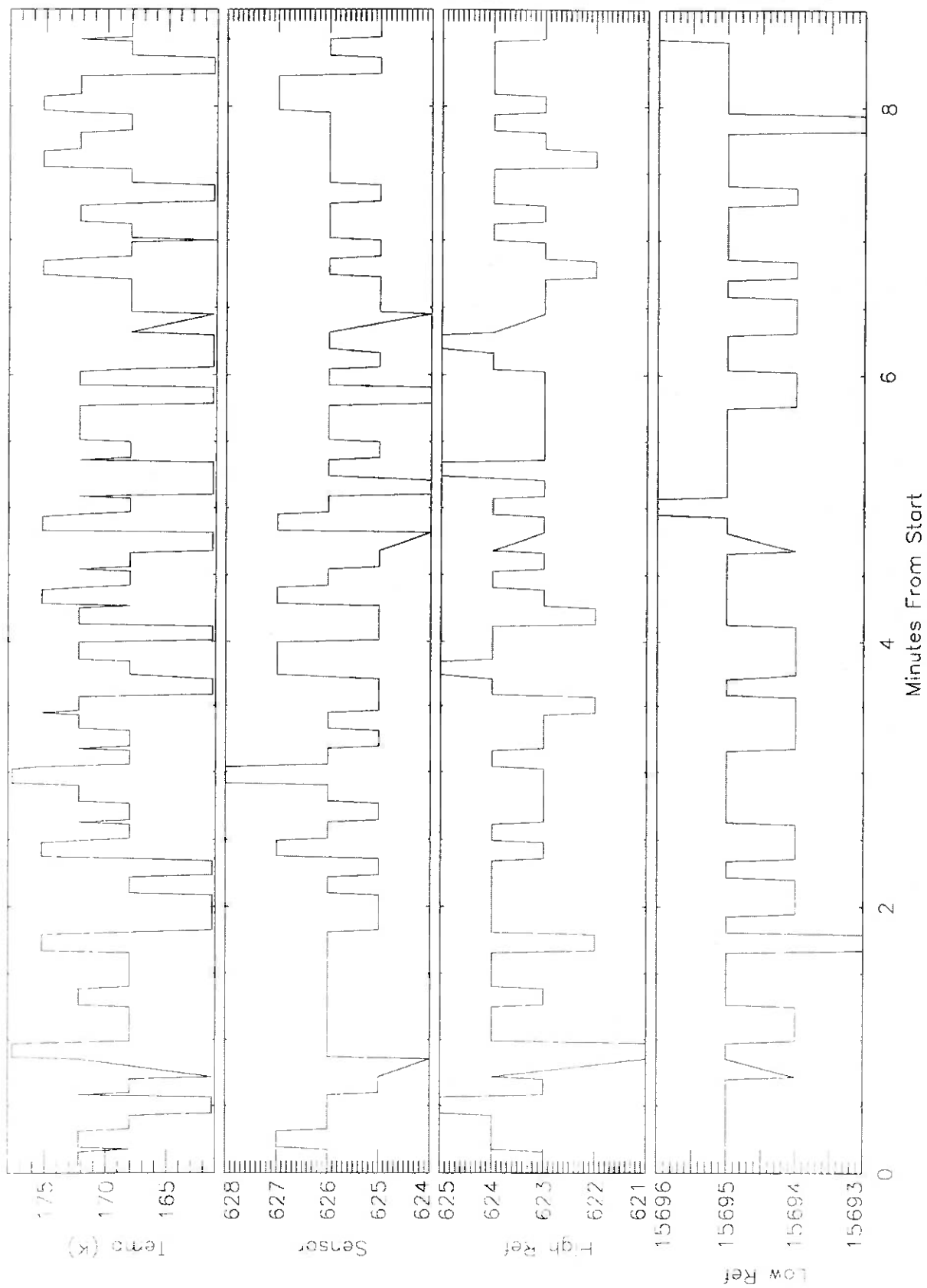
TR_ENG_SCAN2 [SCAN MIRROR 2, thermistor (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TR_ENG_SCAN2, SCAN MIRROR 2, thermistor (eng_data)

Time	TR_ENG_SCAN2
days	K
14472.62507466,	179.667880
14472.62516944,	175.272105
14472.62526427,	172.241260
14472.62535907,	175.271396
14472.62545390,	177.672641
14472.62554870,	175.272105
14472.62564352,	175.272105
14472.62573833,	177.672641
14472.62583316,	175.272105
14472.62592796,	168.088766
14472.62602278,	175.272814
14472.62611759,	172.241260
14472.62621237,	172.241953
14472.62630722,	172.241260
14472.62640205,	177.672641
14472.62649685,	175.272814
14472.62659167,	175.271396
14472.62668648,	177.672641
14472.62678130,	161.290821
14472.62687612,	177.671918
14472.62697093,	177.671918
14472.62706574,	168.088766
14472.62716056,	175.272105
14472.62725537,	168.088095
14472.62735025,	175.272814
14472.62744500,	179.667146
14472.62753981,	-1.000000
14472.62763463,	175.272105
14472.62772944,	172.241953
14472.62782429,	172.241260
14472.62791907,	175.272105
14472.62801389,	177.672641
14472.62810869,	172.241260
14472.62820352,	172.241953
14472.62829839,	175.272814
14472.62839315,	172.242645
14472.62848796,	172.241260
14472.62858272,	175.272814
14472.62867760,	172.241953
14472.62877242,	172.242645
14472.62886722,	168.087424
14472.62896204,	175.272814
14472.62905683,	175.272814
14472.62915168,	172.241953
14472.62924655,	177.671196
14472.62934130,	175.272814
14472.62943612,	172.241260
14472.62953090,	168.087424
14472.62962576,	175.272814
14472.62972057,	177.672641
14472.62981537,	172.241953
14472.62991019,	172.241953
14472.63000500,	177.671918
14472.63009983,	175.273524
14472.63019463,	172.241260
14472.63028944,	161.289551
14472.63038426,	175.273524
14472.63047907,	177.671918
14472.63057392,	177.671918
14472.63066870,	175.272105
14472.63076352,	172.241260
14472.63085833,	175.272814
14472.63095315,	177.672641
14472.63104797,	177.671918

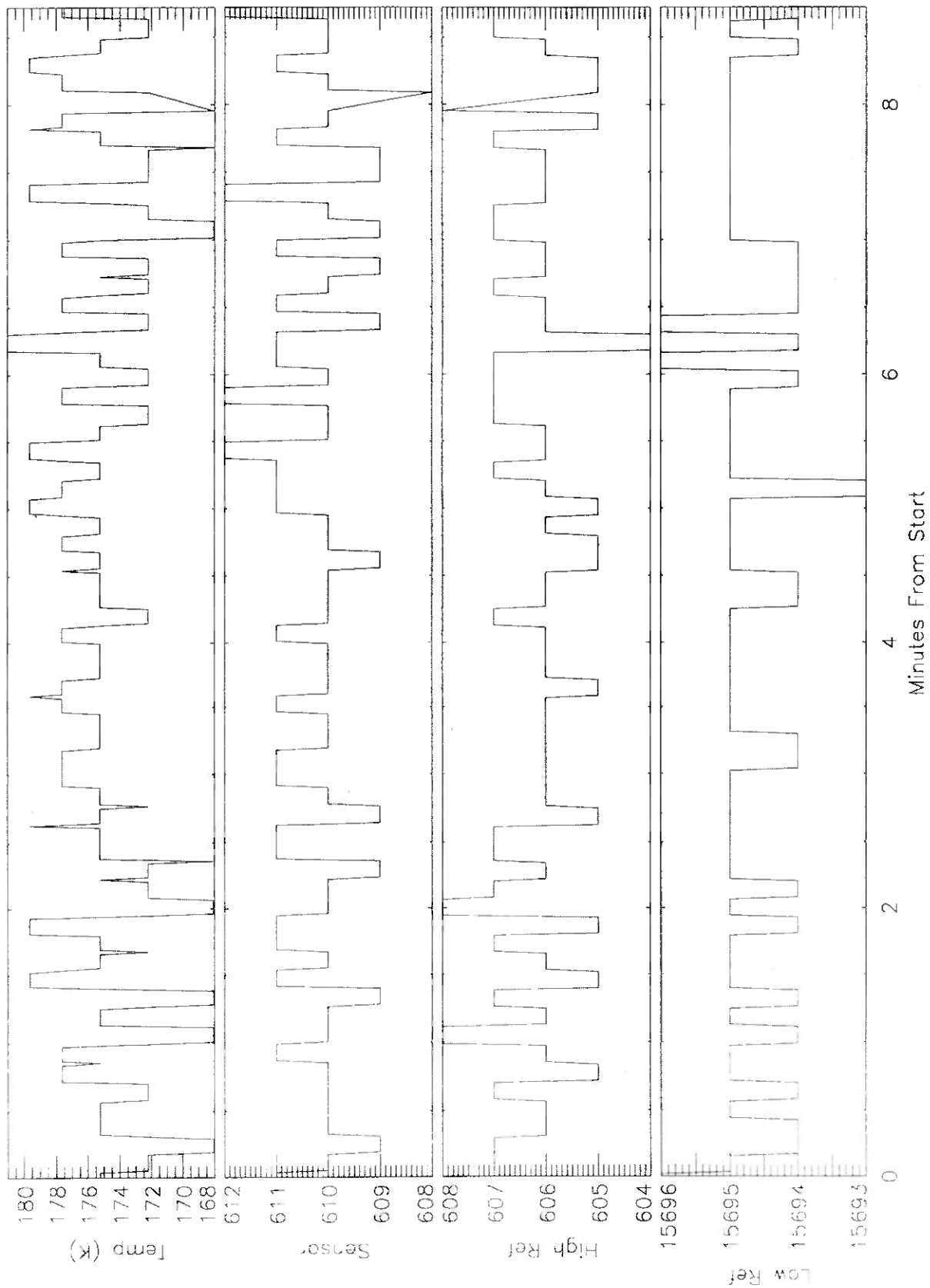
IR_ENG_SCAN3 [SCAN MIRROR 3, thermistor (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TR_ENG_SCAN3, SCAN MIRROR 3, thermistor (eng_data)

Time	TR_ENG_SCAN3
days	K
14472.62507466,	172.212899
14472.62516944,	172.213590
14472.62526427,	168.060641
14472.62535907,	161.264186
14472.62545390,	168.059972
14472.62554870,	-1.000000
14472.62564352,	177.641629
14472.62573833,	168.061309
14472.62583316,	168.061309
14472.62592796,	172.212899
14472.62602278,	168.060641
14472.62611759,	168.060641
14472.62621237,	175.243779
14472.62630722,	161.263553
14472.62640205,	161.264186
14472.62649685,	168.061309
14472.62659167,	161.263553
14472.62668648,	175.243779
14472.62678130,	168.061309
14472.62687612,	168.059972
14472.62697093,	172.212899
14472.62706574,	177.643069
14472.62716056,	168.060641
14472.62725537,	168.060641
14472.62735025,	172.213590
14472.62744500,	172.212899
14472.62753981,	161.263553
14472.62763463,	168.061978
14472.62772944,	172.214280
14472.62782429,	161.264186
14472.62791907,	172.212208
14472.62801389,	175.243072
14472.62810869,	168.060641
14472.62820352,	168.059972
14472.62829839,	-1.000000
14472.62839315,	175.243072
14472.62848796,	168.059972
14472.62858272,	161.262920
14472.62867760,	161.264186
14472.62877242,	168.059972
14472.62886722,	172.212899
14472.62896204,	172.212899
14472.62905683,	161.263553
14472.62915168,	172.213590
14472.62924655,	161.263553
14472.62934130,	161.264186
14472.62943612,	-1.000000
14472.62953090,	168.060641
14472.62962576,	168.059972
14472.62972057,	175.243072
14472.62981537,	168.059972
14472.62991019,	168.060641
14472.63000500,	172.212899
14472.63009983,	161.264186
14472.63019463,	168.060641
14472.63028944,	175.242365
14472.63038426,	172.212899
14472.63047907,	168.061978
14472.63057392,	175.243072
14472.63066870,	172.213590
14472.63076352,	161.263553
14472.63085833,	168.060641
14472.63095315,	168.059303
14472.63104797,	-1.000000

TR_ENG_SCAN4 [SCAN MIRROR 4, thermistor (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TR_ENG_SCAN4, SCAN MIRROR 4, thermistor (eng_data)

Time days	TR_ENG_SCAN4 K
14472.62507466,	172.201854
14472.62516944,	168.049948
14472.62526427,	175.231765
14472.62535907,	175.231059
14472.62545390,	172.202544
14472.62554870,	177.630115
14472.62564352,	177.630834
14472.62573833,	168.050616
14472.62583316,	175.231059
14472.62592796,	168.049948
14472.62602278,	179.623972
14472.62611759,	175.231059
14472.62621237,	175.231765
14472.62630722,	179.624702
14472.62640205,	168.049948
14472.62649685,	172.202544
14472.62659167,	172.201164
14472.62668648,	175.231765
14472.62678130,	175.231765
14472.62687612,	175.230353
14472.62697093,	175.231059
14472.62706574,	177.630834
14472.62716056,	177.631553
14472.62725537,	175.231765
14472.62735025,	175.231059
14472.62744500,	177.630834
14472.62753981,	177.630115
14472.62763463,	175.231059
14472.62772944,	175.231059
14472.62782429,	177.630834
14472.62791907,	172.201854
14472.62801389,	175.231765
14472.62810869,	175.231765
14472.62820352,	175.230353
14472.62829839,	177.630115
14472.62839315,	175.231059
14472.62848796,	179.623972
14472.62858272,	177.632273
14472.62867760,	175.231765
14472.62877242,	179.624702
14472.62886722,	175.231059
14472.62896204,	172.201854
14472.62905683,	177.631553
14472.62915168,	172.202544
14472.62924655,	175.231059
14472.62934130,	181.333541
14472.62943612,	172.200474
14472.62953090,	177.631553
14472.62962576,	172.202544
14472.62972057,	172.201854
14472.62981537,	177.631553
14472.62991019,	168.049281
14472.63000500,	172.201854
14472.63009983,	179.624702
14472.63019463,	172.201164
14472.63028944,	172.201164
14472.63038426,	175.231765
14472.63047907,	177.630115
14472.63057392,	-1.000000
14472.63066870,	177.630115
14472.63076352,	179.623972
14472.63085833,	175.231765
14472.63095315,	172.201854
14472.63104797,	177.632273