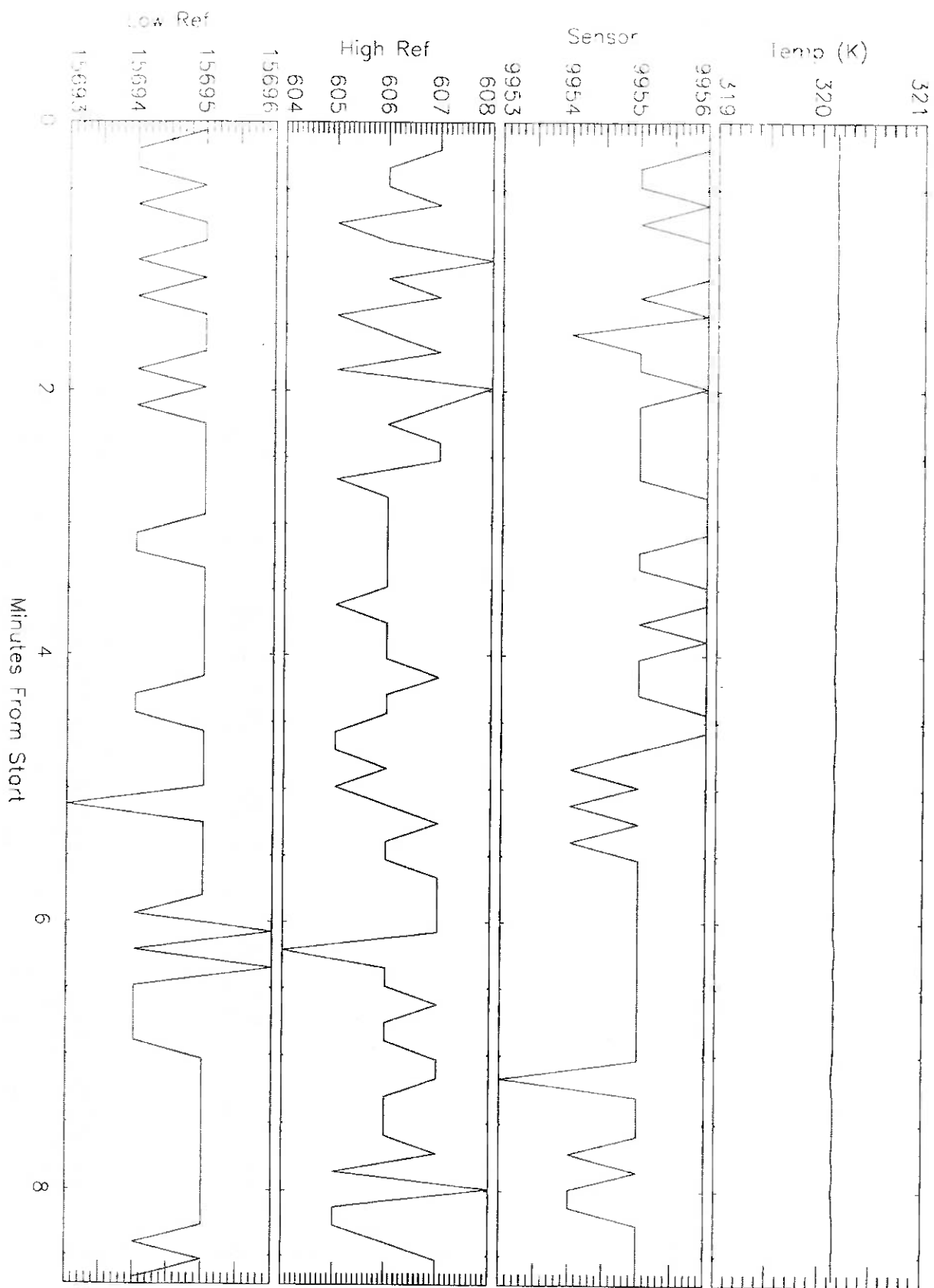
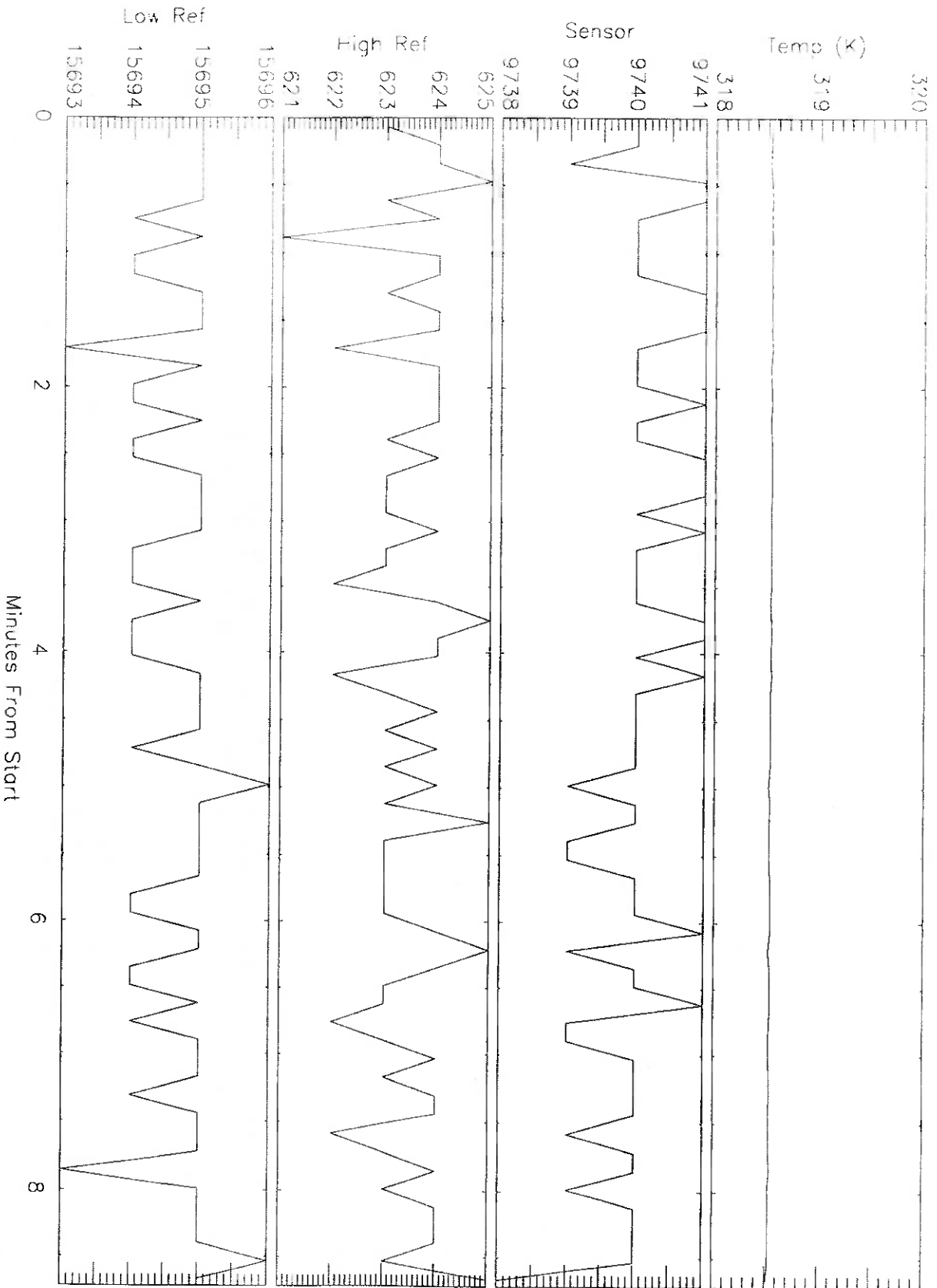


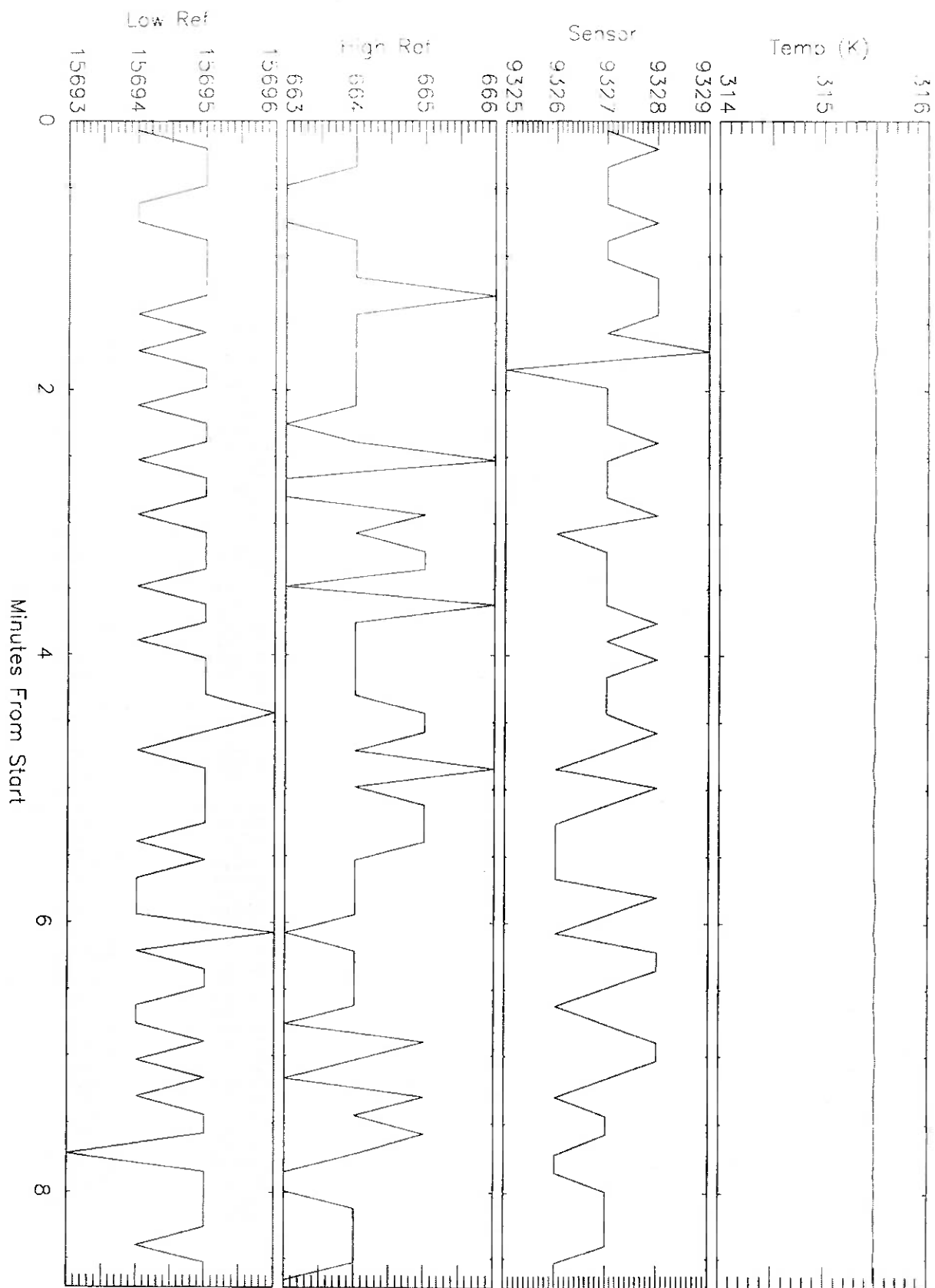
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Start : 1997-08-16T15:00:00.304000Z



TR_ICMMB_1 [ICMMB #1, thermistor]
Start : 1997-08-16T15:00:00.304000Z



TR_TCMMA_2 [TCMMA #2, thermistor]
Start : 1997-08-16T15:00:00.304000Z

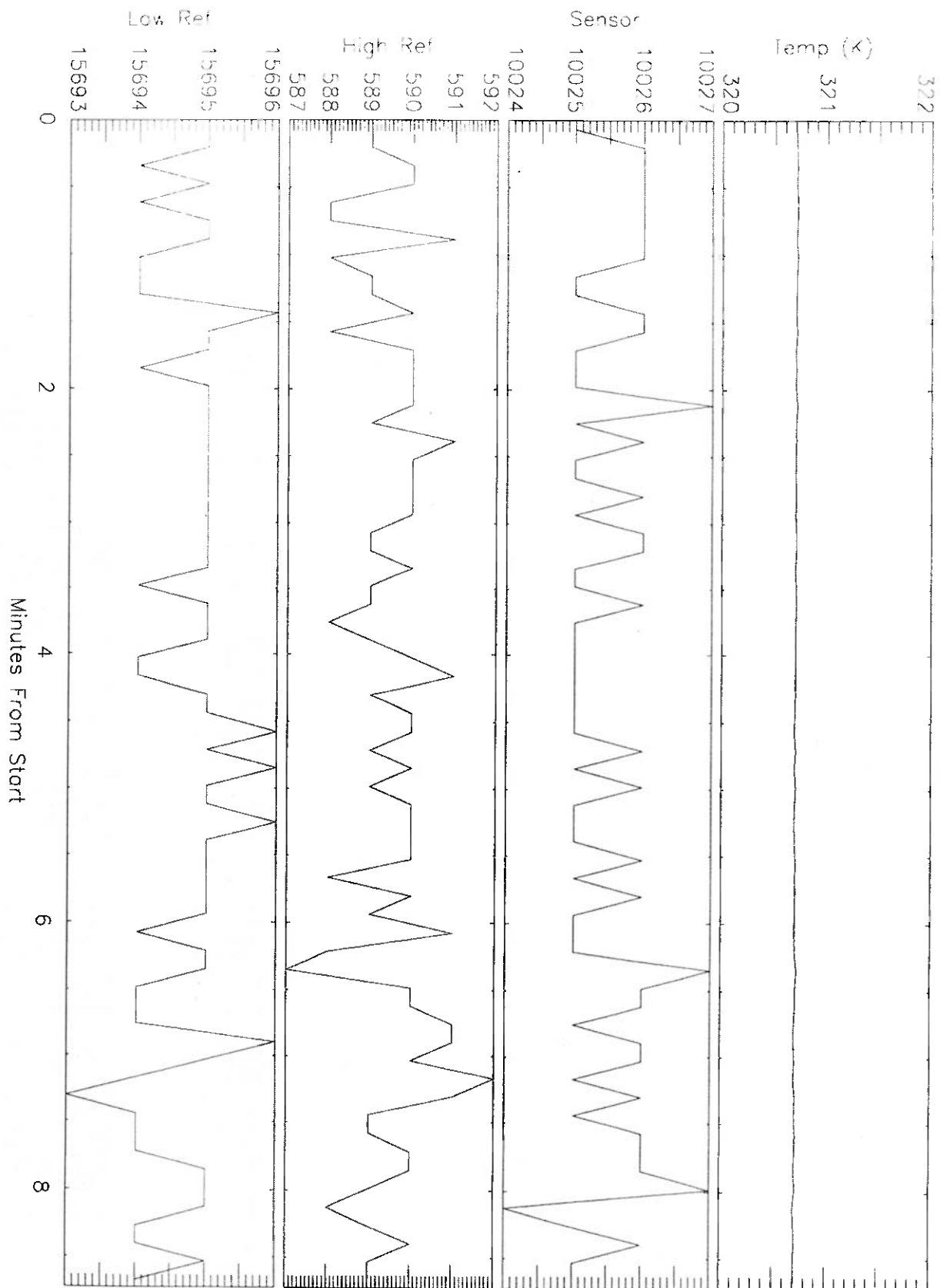


Telemetry point TR_TCMMA_1, TCMMA #1, thermistor

Time
days
TR_TCMMA_1
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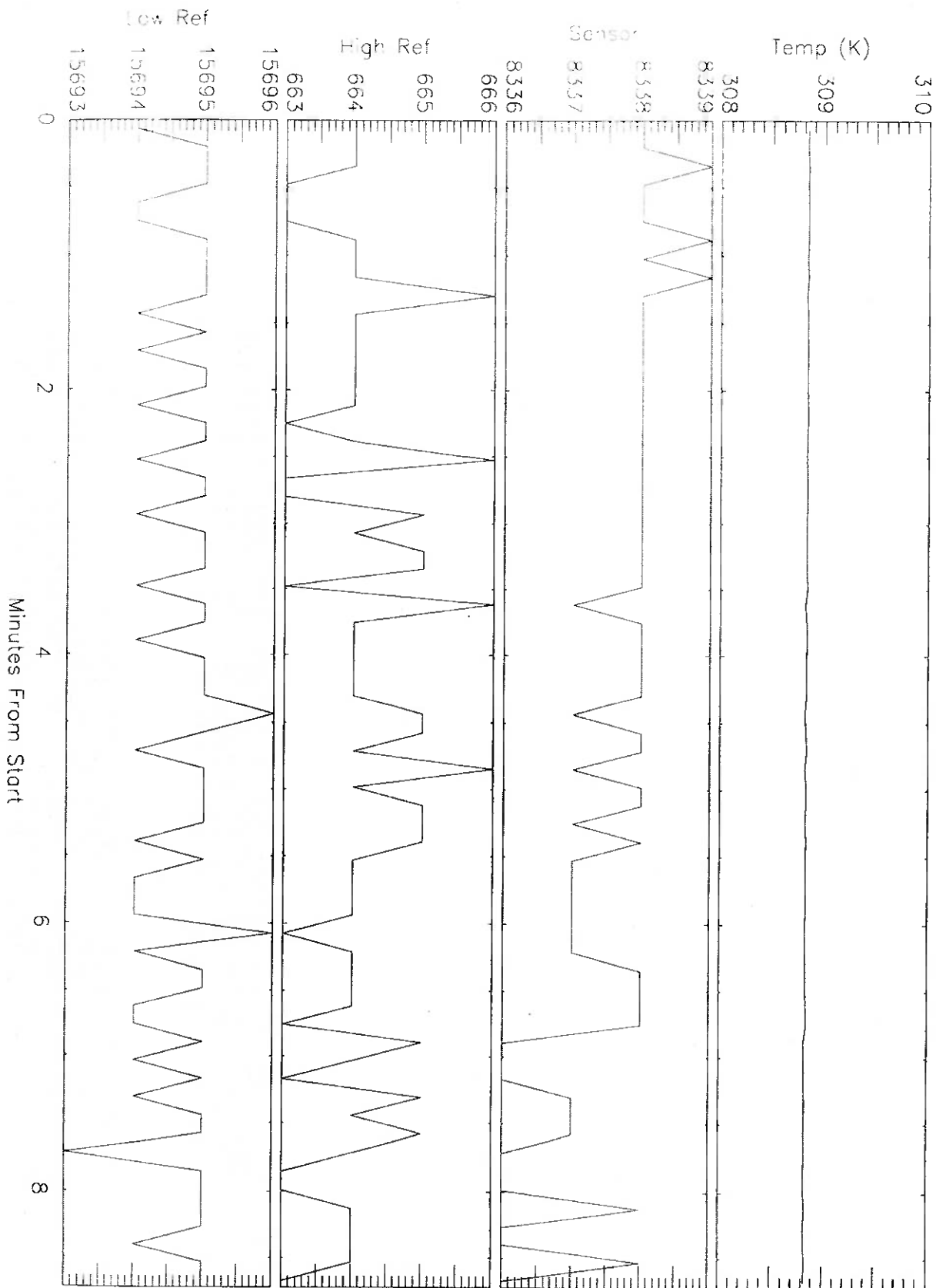


TR-SPM2, SPM #2, thermistor

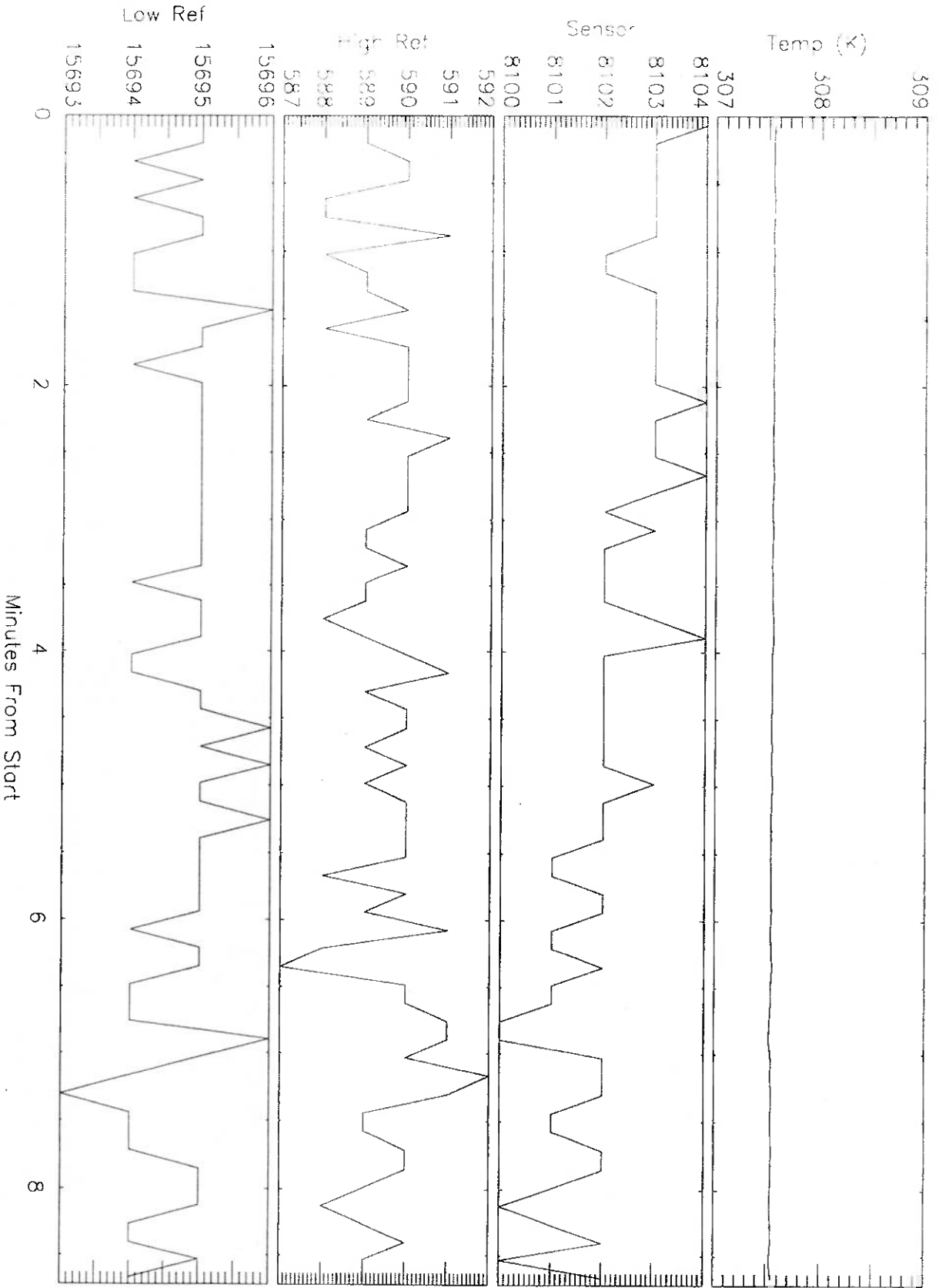
Telemetry point

TR-SPM2
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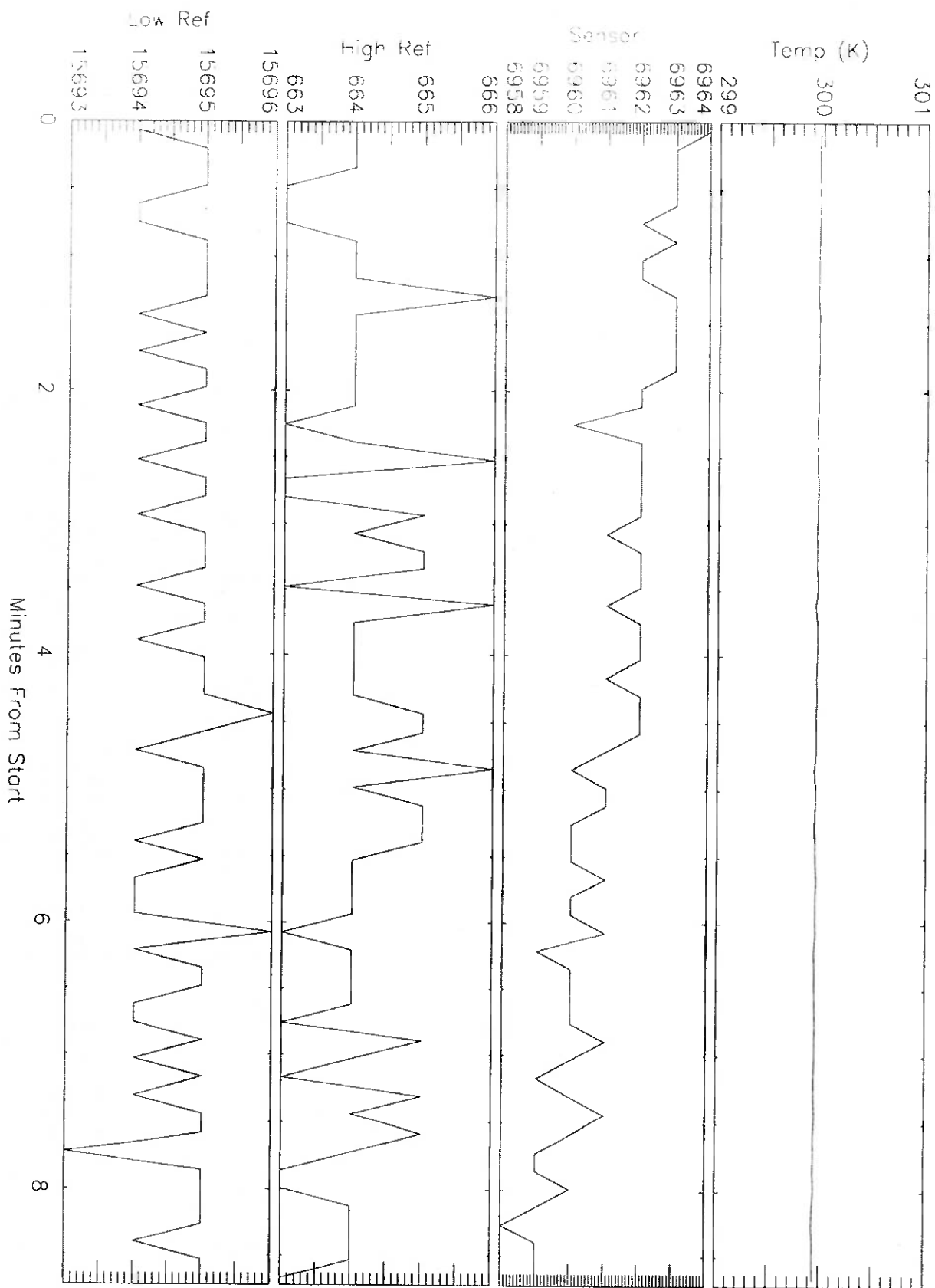
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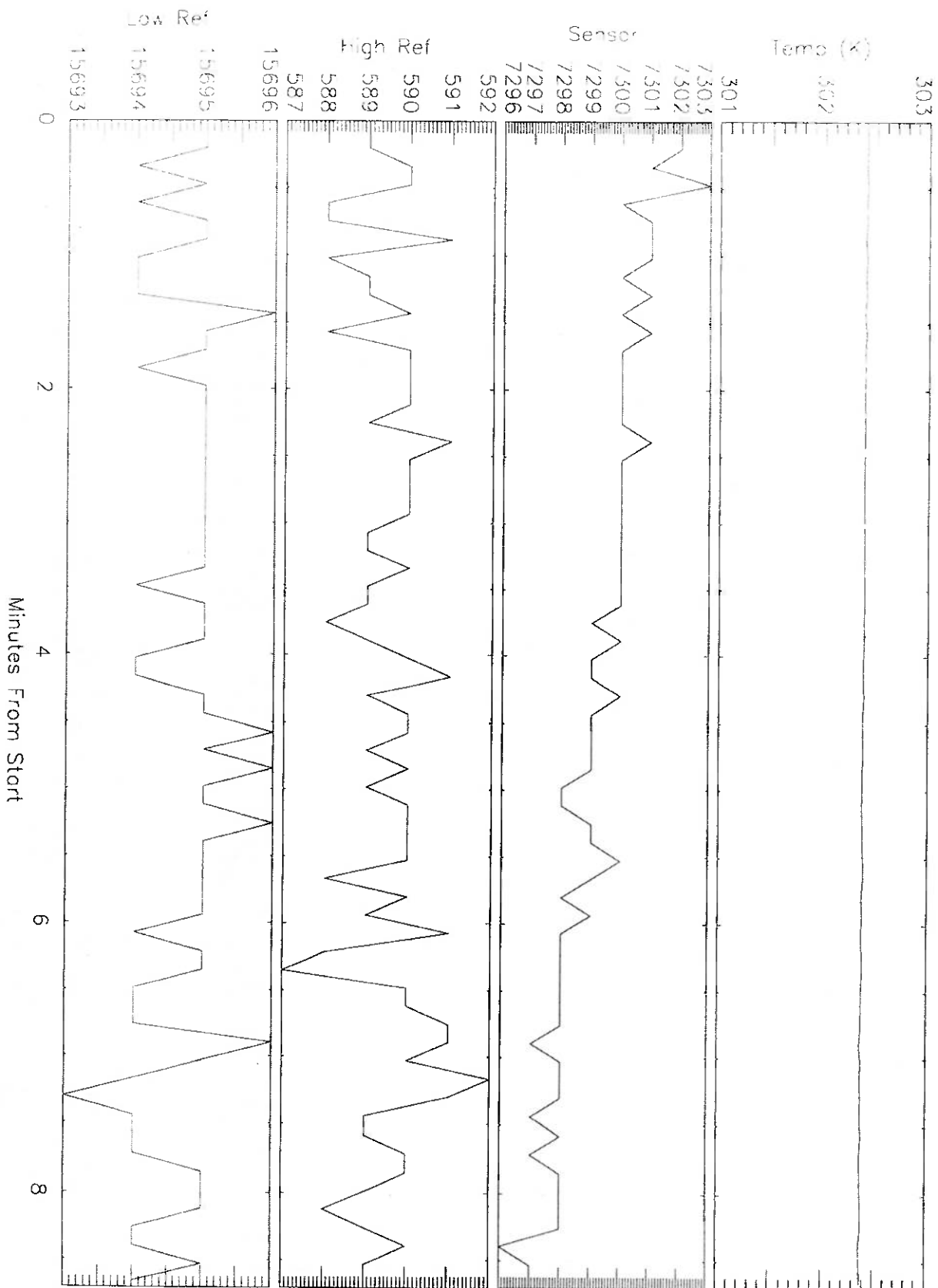


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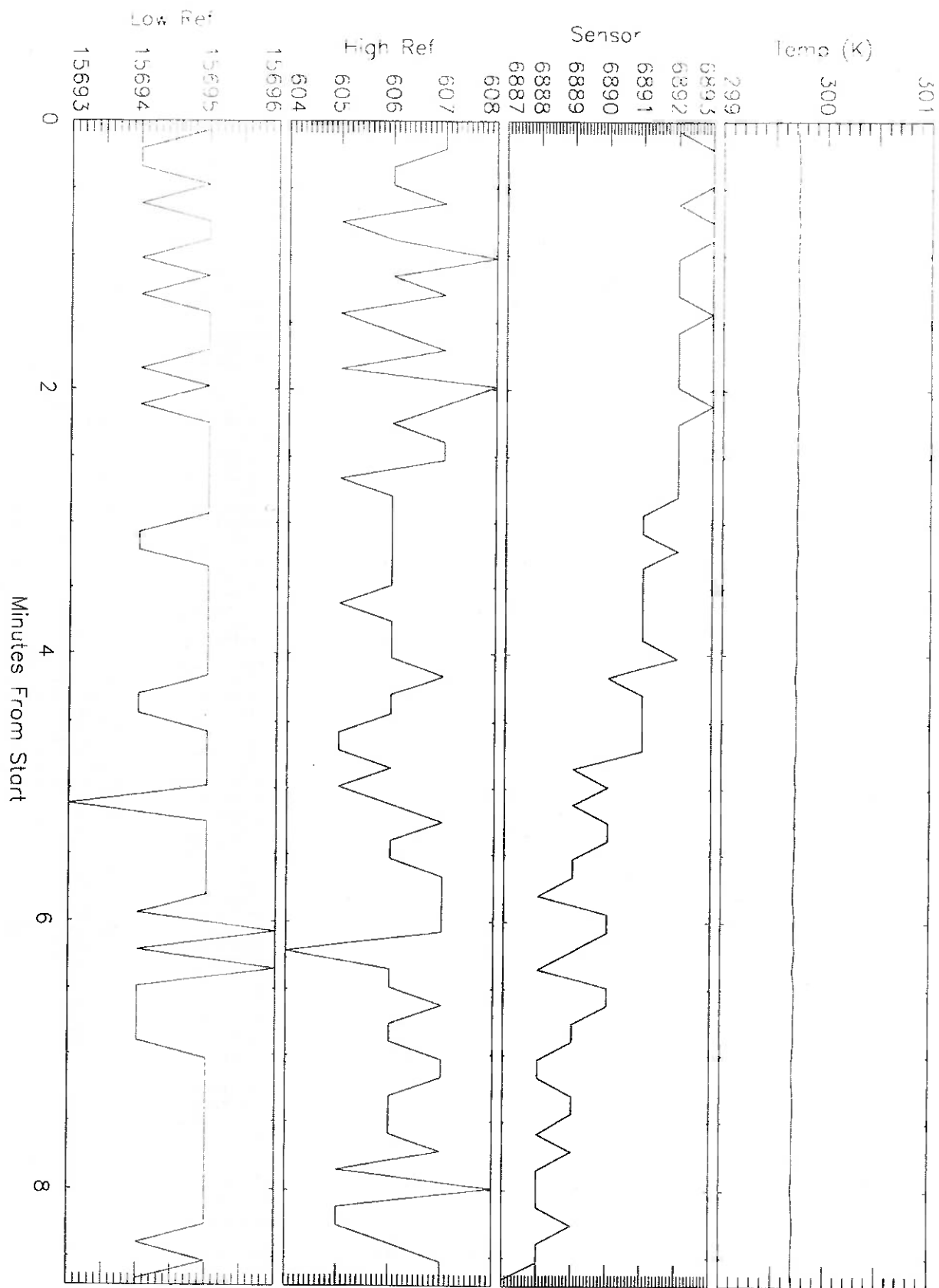


Time
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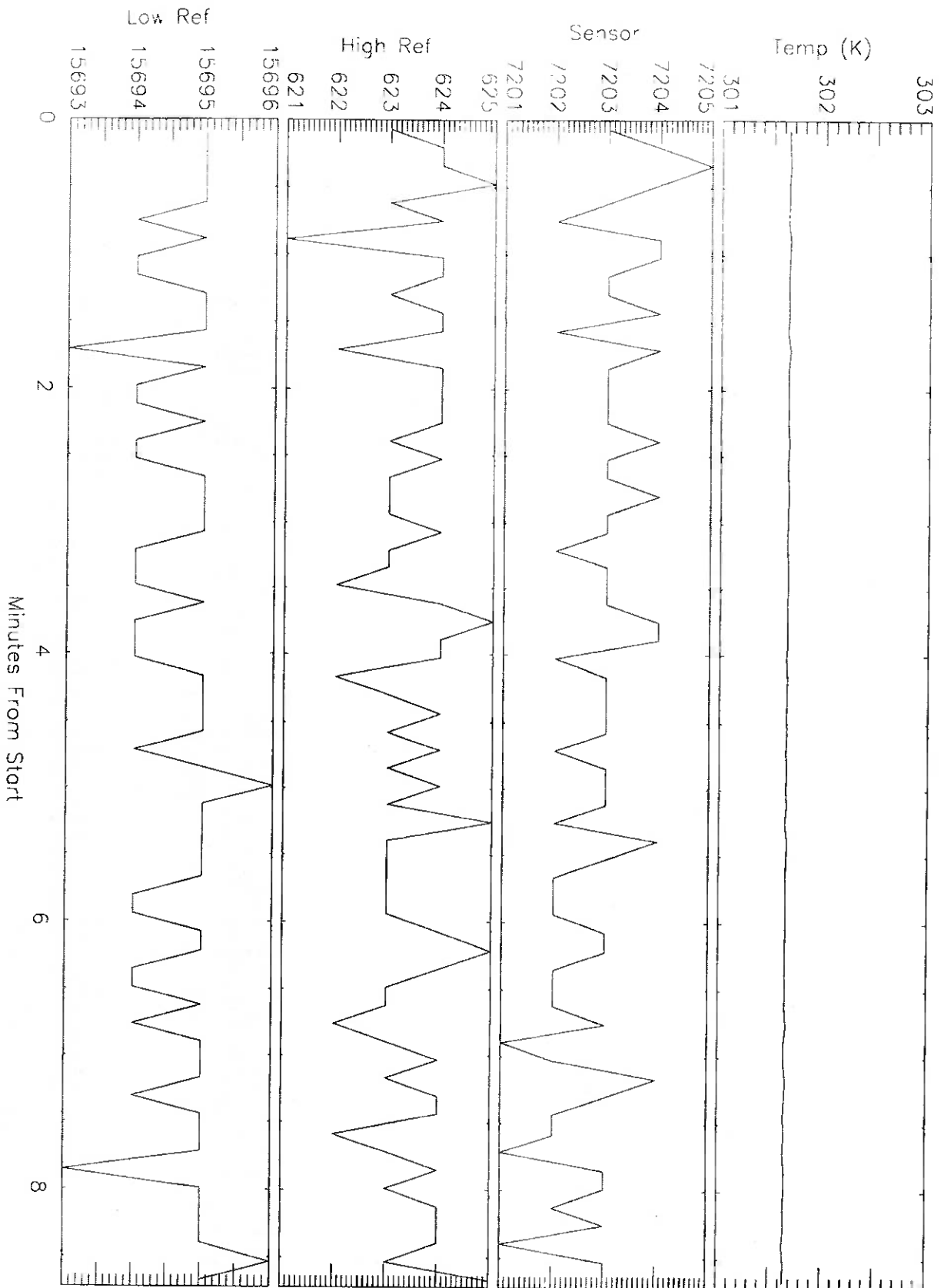
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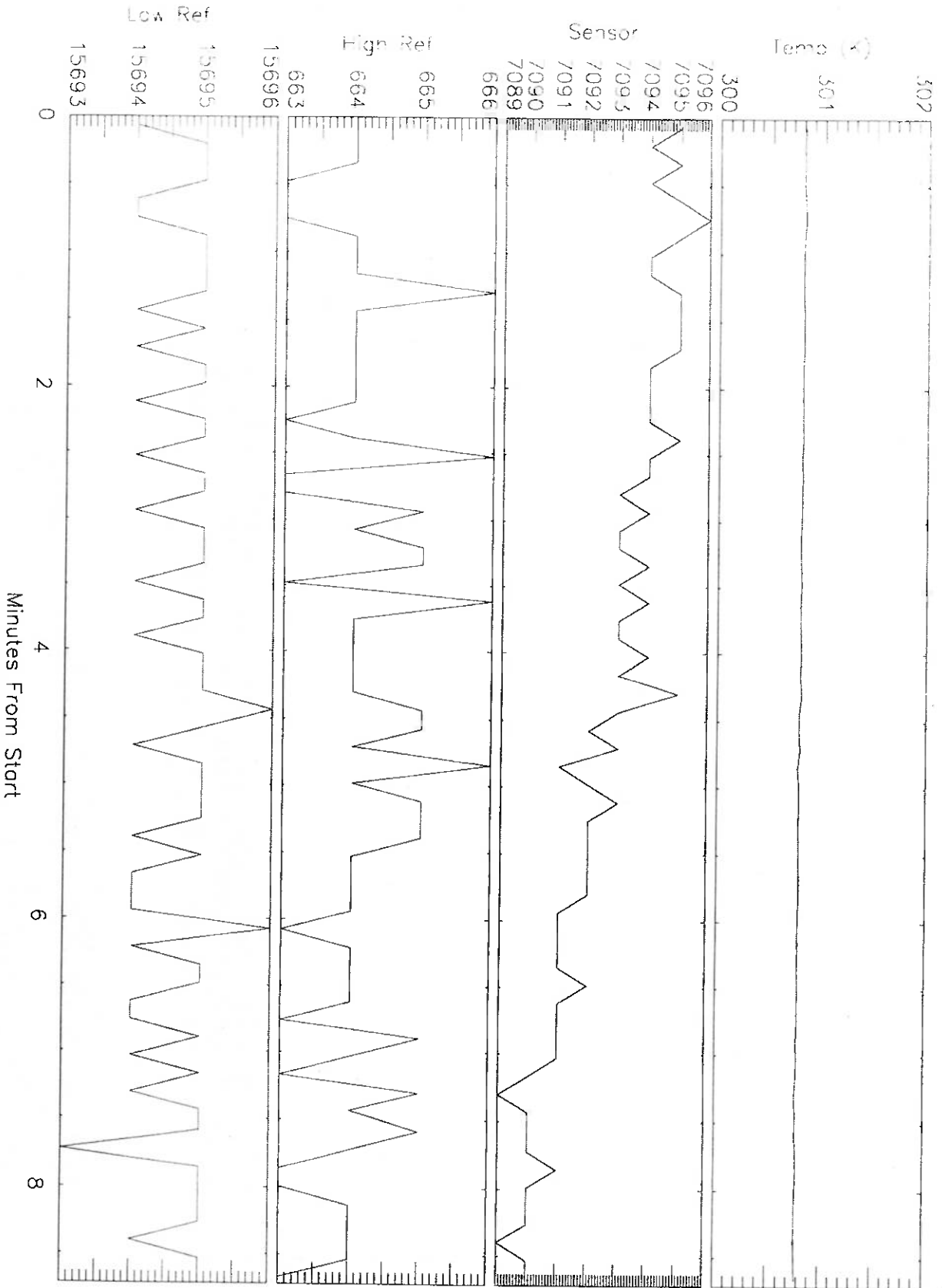
Time
days
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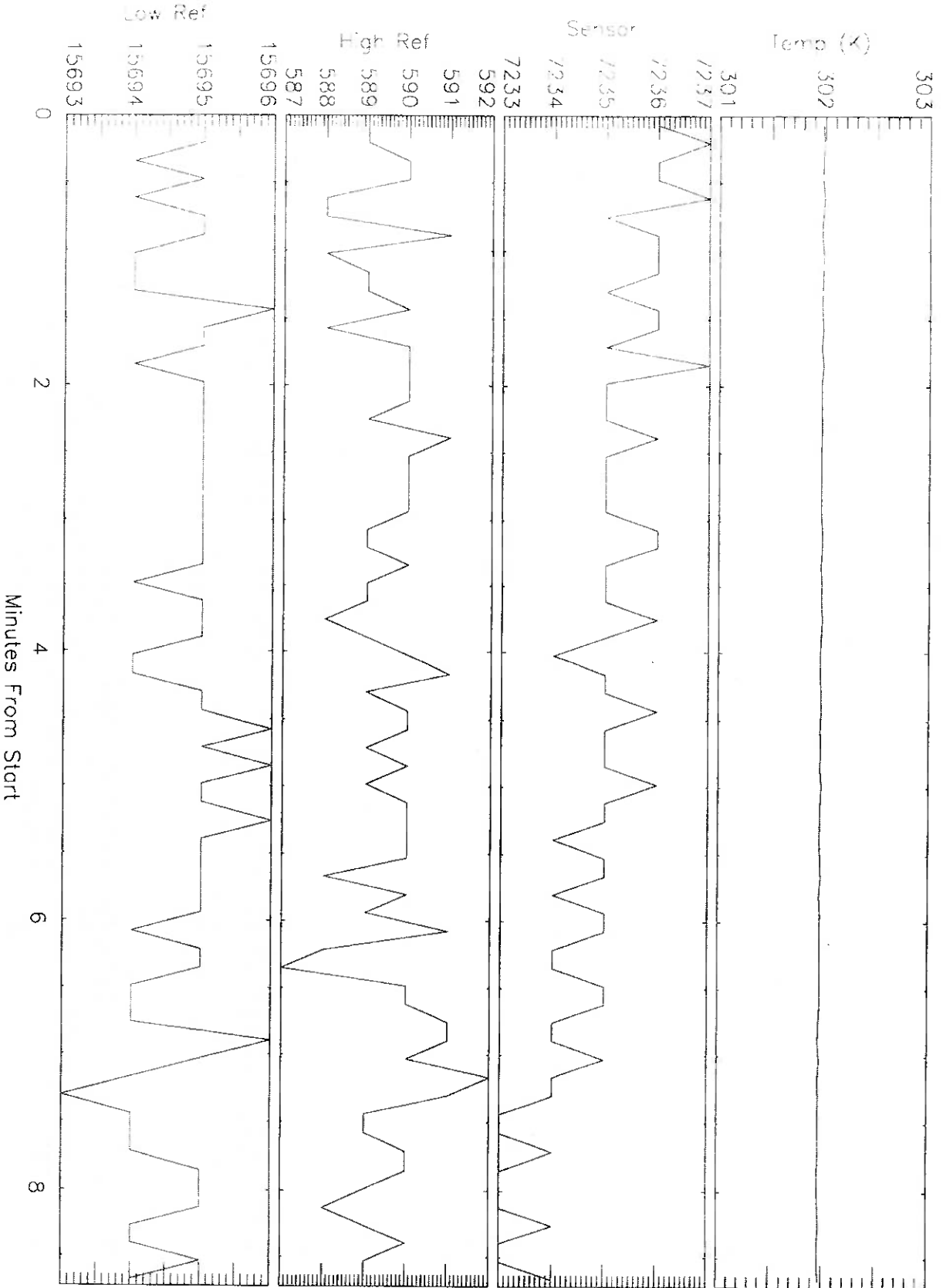
TR_LMC3_MTR [LMC motor #3, thermistor]
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TR_LMC2_MTR [LMC motor #2, thermistor]
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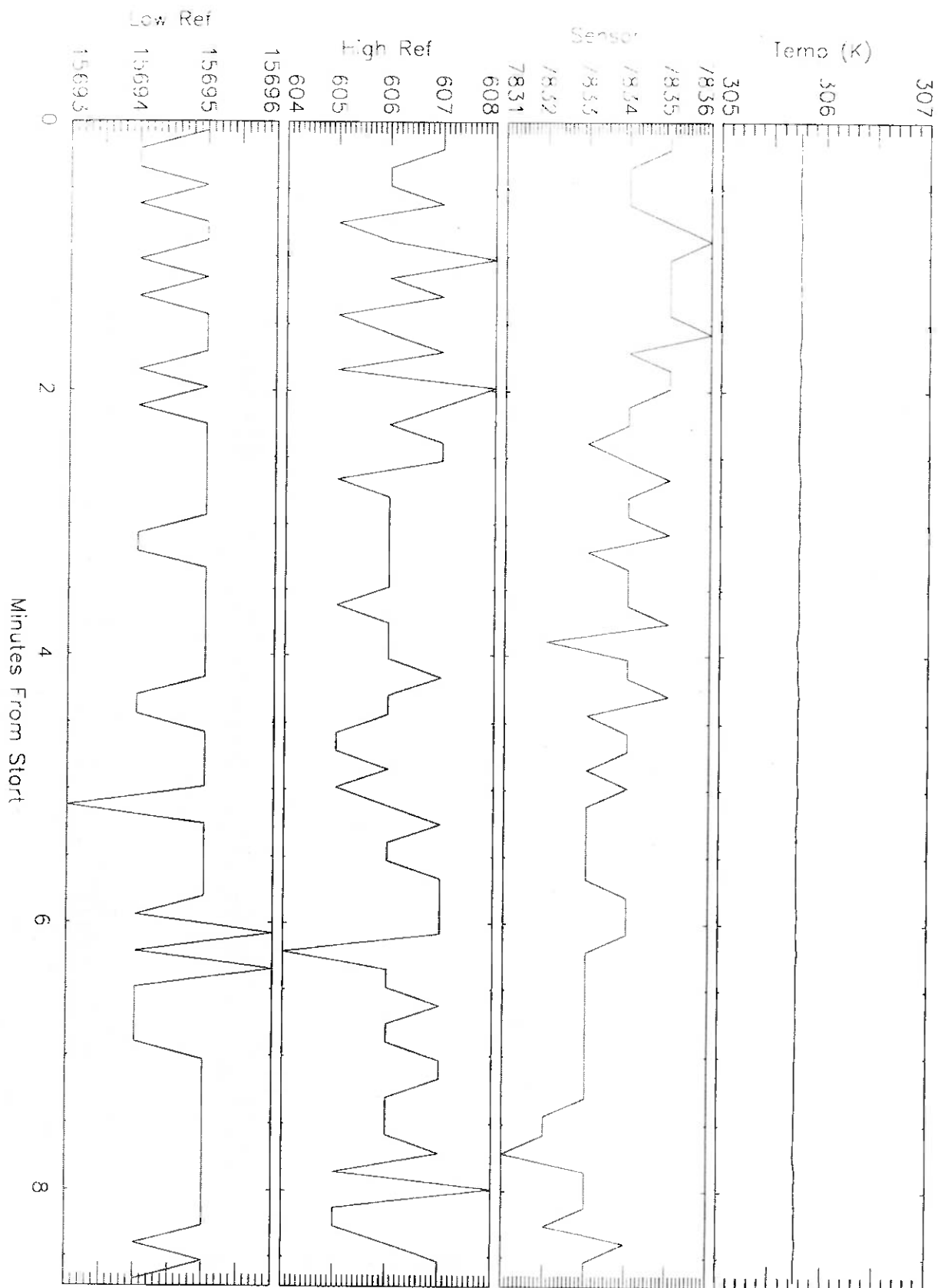
TR_LMC1_MTR [LMC motor #1, thermistor]
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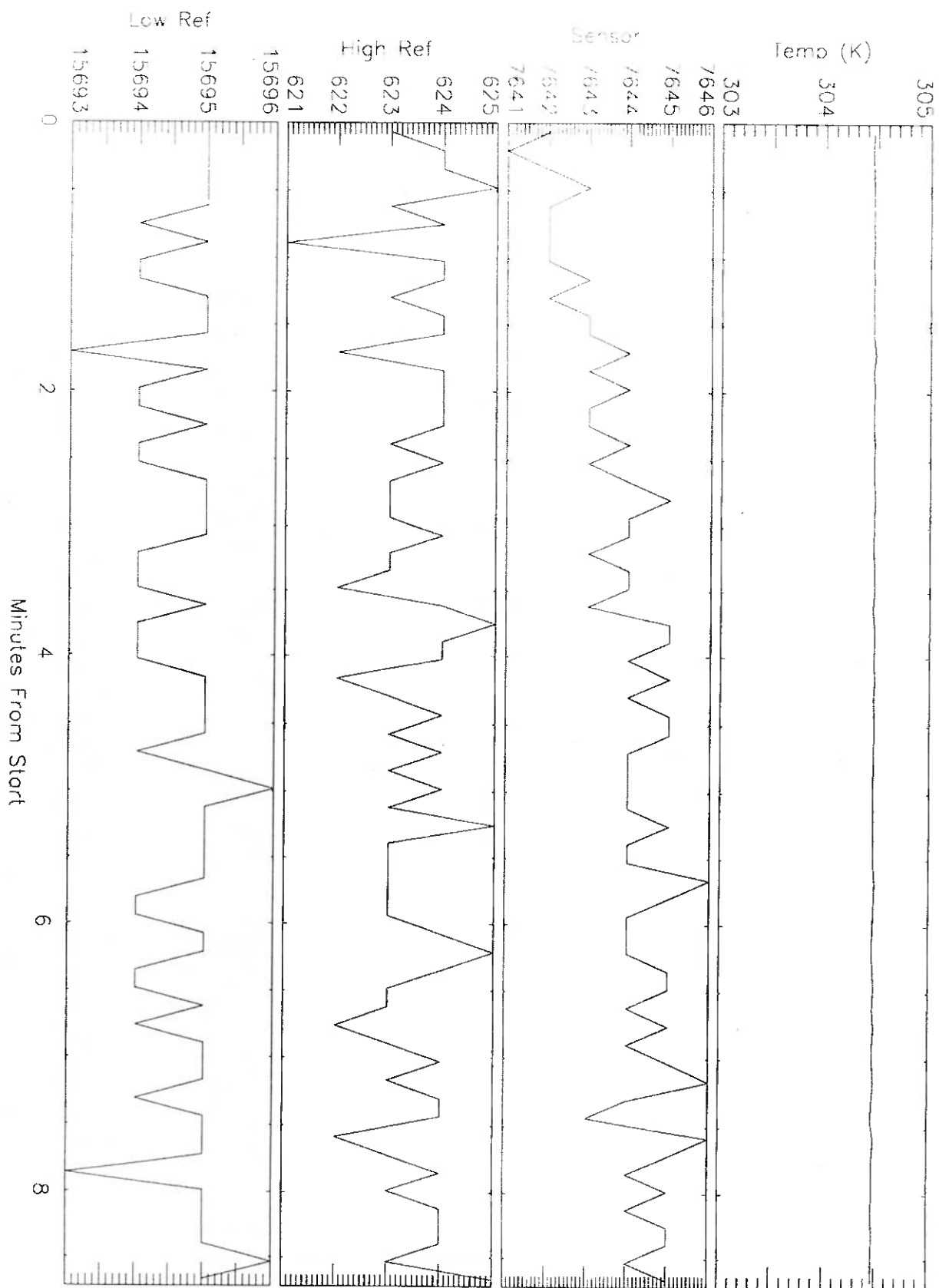
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TR_CHOP4_MTR [CHOP motor #4, thermistor]
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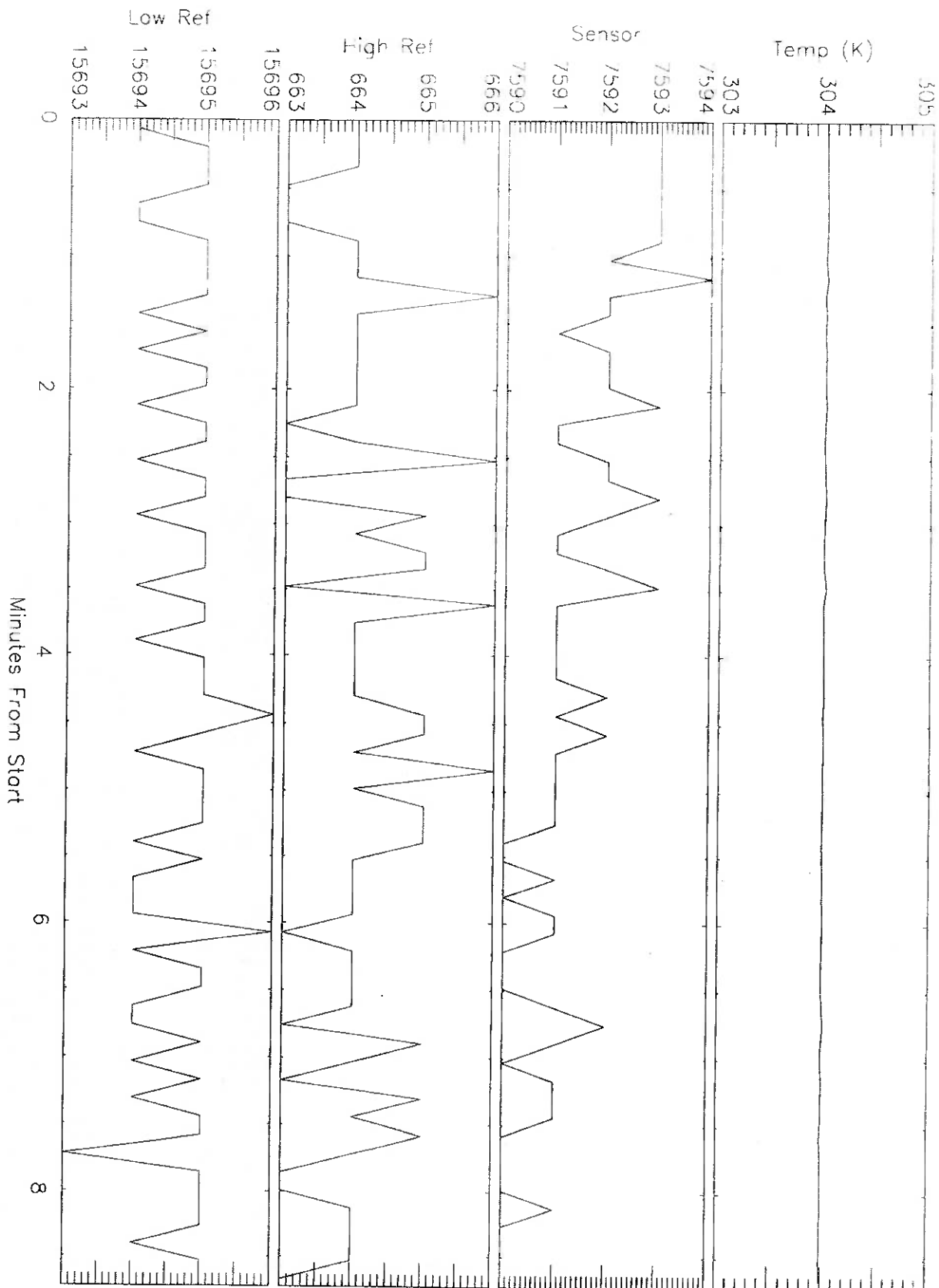


TR_CHOP3_MTR [CHOP motor #3, thermistor]
Start : 1997-08-16T15:00:00.304000Z



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14472.61670760,
14472.61661279,
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14472.61642317,
14472.61632836,
14472.61623355,
14472.61613874,
14472.61604393,
14472.61594912,
14472.61585431,
14472.61575950,
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14472.61556988,
14472.61547507,
14472.61538026,
14472.61528545,
14472.61519064,
14472.61509583,
14472.61500102,
14472.61490621,
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14472.61471659,
14472.61462178,
14472.61452697,
14472.61443216,
14472.61433735,
14472.61424254,
14472.61414773,
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14472.61395811,
14472.61386330,
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14472.61367368,
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14472.61348406,
14472.61338925,
14472.61329444,
14472.61319963,
14472.61310482,
14472.61300901,
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14472.61281939,
14472.61272458,
14472.61262977,
14472.61253496,
14472.61244015,
14472.61234534,
14472.61225053,
14472.61215572,
14472.61206091,
14472.61196610,
14472.61187129,
14472.61177648,
14472.61168167,
14472.61158686,
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14472.61054395,
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14472.60981038,
14472.60971557,
14472.60962076,
14472.60952595,
14472.60943114,
14472.60933633,
14472.60924152,
14472.60914671,
14472.60905190,
14472.60895709,
14472.60886228,
14472.60876747,
14472.60867266,
14472.60857785,
14472.60848304,
14472.60838823,
14472.60829342

TR_CHOP2_MTR [CHOP motor #2, thermistor]
Start : 1997-08-16T15:00:00.304000Z

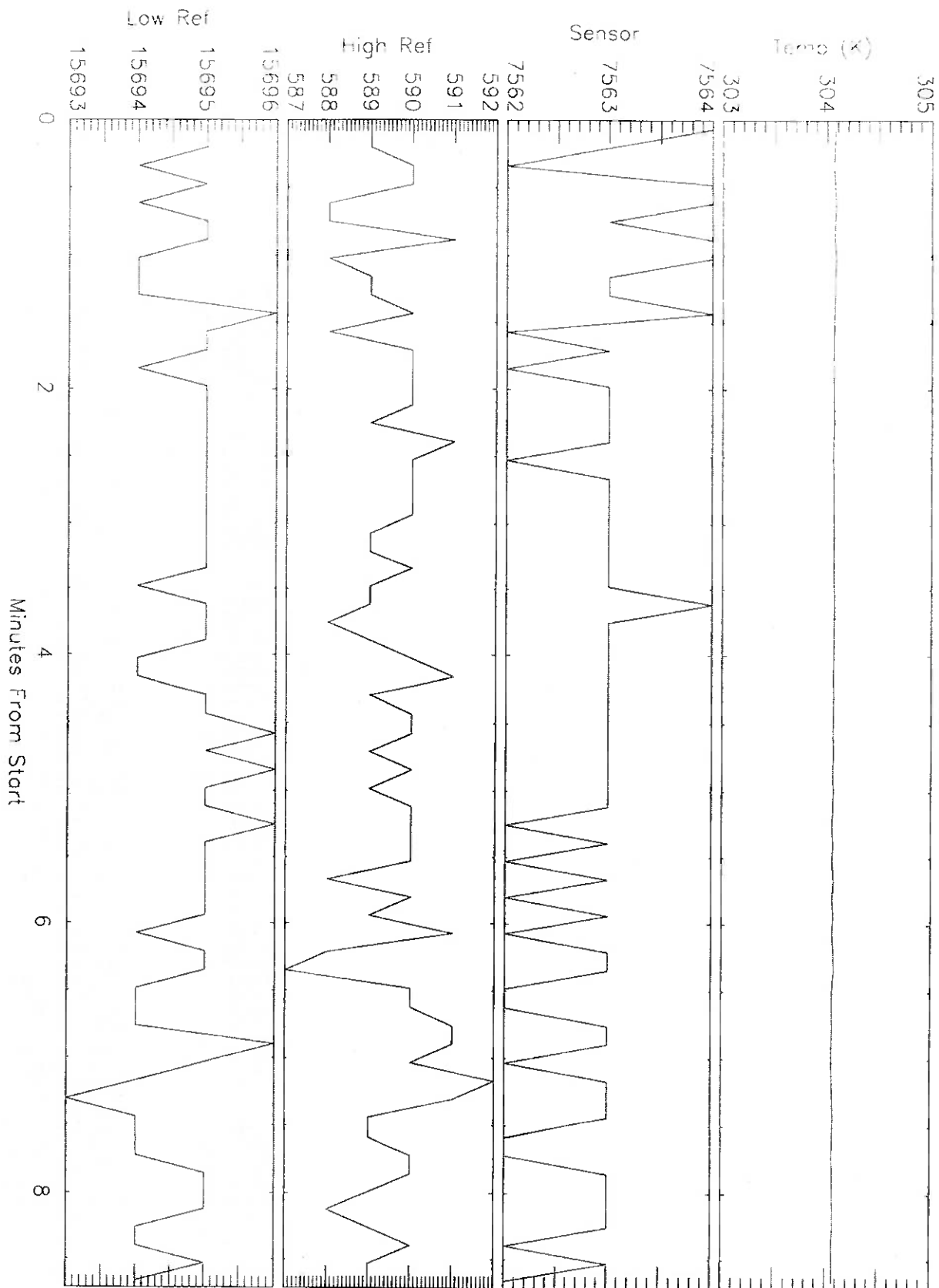


Telemetry point TR-CHOP1-MTR, CHOP motor #1, thermistor

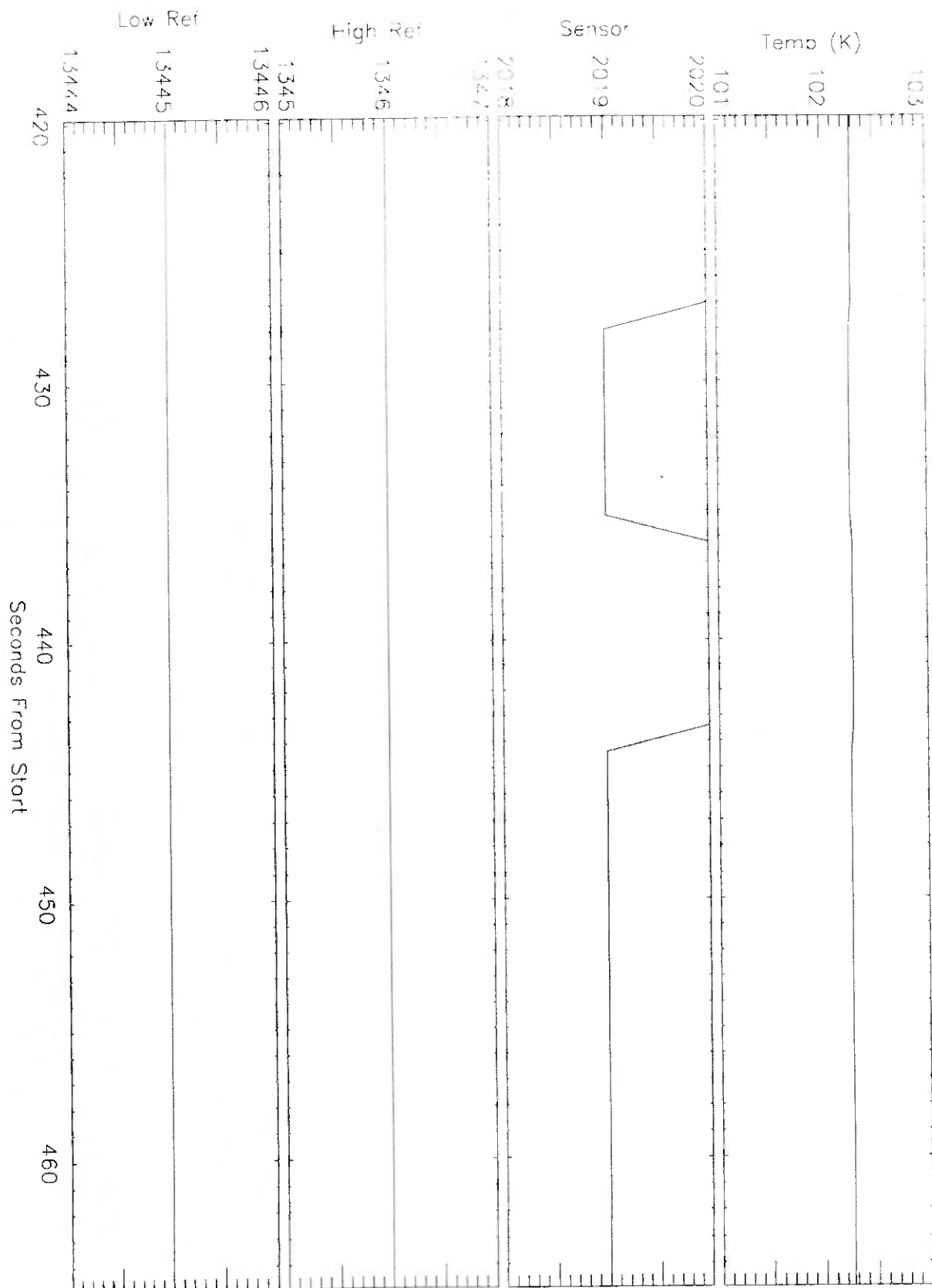
Time
days
TR-CHOP1-MTR
K

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14472.62513389,
14472.62522872,
14472.62532352,
14472.62541834,
14472.62551315,
14472.62560796,
14472.62570278,
14472.62579760,
14472.62589241,
14472.62598722,
14472.62608204,
14472.62617682,
14472.62627167,
14472.62636649,
14472.62646130,
14472.62655611,
14472.62665093,
14472.62674574,
14472.62684057,
14472.62693537,
14472.62703019,
14472.62712500,
14472.62721981,
14472.62731470,
14472.62740944,
14472.62750426,
14472.62759907,
14472.62769389,
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14472.62788352,
14472.62797833,
14472.62807314,
14472.62816796,
14472.62826284,
14472.62835759,
14472.62845241,
14472.62854716,
14472.62864205,
14472.62873686,
14472.62883167,
14472.62892648,
14472.62902127,
14472.62911612,
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14472.62930574,
14472.62940057,
14472.62949535,
14472.62959021,
14472.62968501,
14472.62977981,
14472.62987463,
14472.62996944,
14472.63006427,
14472.63015907,
14472.63025389,
14472.63034870,
14472.63044352,
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14472.63063315,
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14472.63082278,
14472.63091759,
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304.029409,
304.026964,
304.024428,
304.021928,
304.019409,
304.016964,
304.014428,
304.011928,
304.009409,
304.006964,
304.004428,
304.001928,
304.000000

TR_CHOP1_MTR [CHOP motor #1, thermistor]
Start : 1997-08-16T15:00:00.304000Z



IR_ENG_FILTER3 [cold filter 3 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z

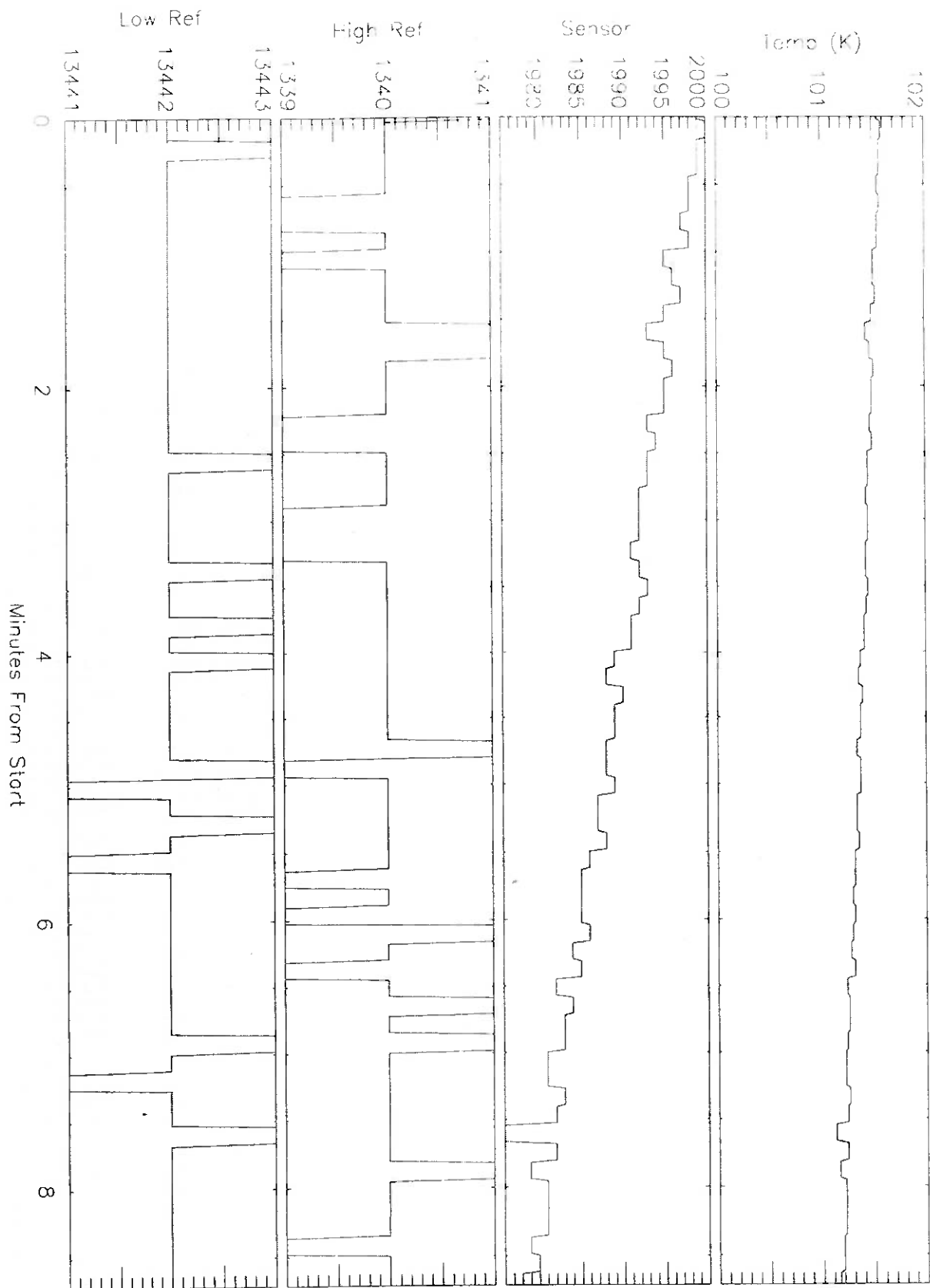


Telemetry point TR_ENG_CFIL/TER1, cold filter 1 (eng_data)

Time
days
k

14472.62507466,
14472.62516944,
14472.62526427,
14472.62535907,
14472.62545390,
14472.62554870,
14472.62564352,
14472.62573833,
14472.62583316,
14472.62592796,
14472.62602278,
14472.62611759,
14472.62621237,
14472.62630722,
14472.62640205,
14472.62649685,
14472.62659167,
14472.62668648,
14472.62678130,
14472.62687612,
14472.62697093,
14472.62706574,
14472.62716056,
14472.62725537,
14472.62735025,
14472.62744500,
14472.62753981,
14472.62763463,
14472.62772944,
14472.62782429,
14472.62791907,
14472.62801389,
14472.62810869,
14472.62820352,
14472.62829839,
14472.62839315,
14472.62848796,
14472.62858272,
14472.62867760,
14472.62877242,
14472.62886722,
14472.62896204,
14472.62905683,
14472.62915168,
14472.62924655,
14472.62934130,
14472.62943612,
14472.62953090,
14472.62962576,
14472.62972057,
14472.62981537,
14472.62991019,
14472.63000500,
14472.63009983,
14472.63019463,
14472.63028944,
14472.63038426,
14472.63047907,
14472.63057392,
14472.63066870,
14472.63076352,
14472.63085833,
14472.63095315,
14472.63104797,
101.585310,
101.564993,
101.564042,
101.566774,
101.564993,
101.545727,
101.546774,
101.507194,
101.508238,
101.527506,
101.488970,
101.432202,
101.470743,
101.508238,
101.488970,
101.468660,
101.487927,
101.449393,
101.450433,
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101.449393,
101.431164,
101.411895,
101.372232,
101.354086,
101.392625,
101.373356,
101.335847,
101.371289,
101.374389,
101.334816,
101.333786,
101.354086,
101.316575,
101.314518,
101.296276,
101.314518,
101.314518,
101.297303,
101.277006,
101.314518,
101.258759,
101.257735,
101.238464,
101.238464,
101.238464,
101.238464,
101.238464,
101.219193,
101.219193,
101.198903,
101.199922,
101.161380

IR_ENC_FILTER1 [cold filter 1 (eng_dato)]
Start : 1997-08-16T15:00:00.304000Z

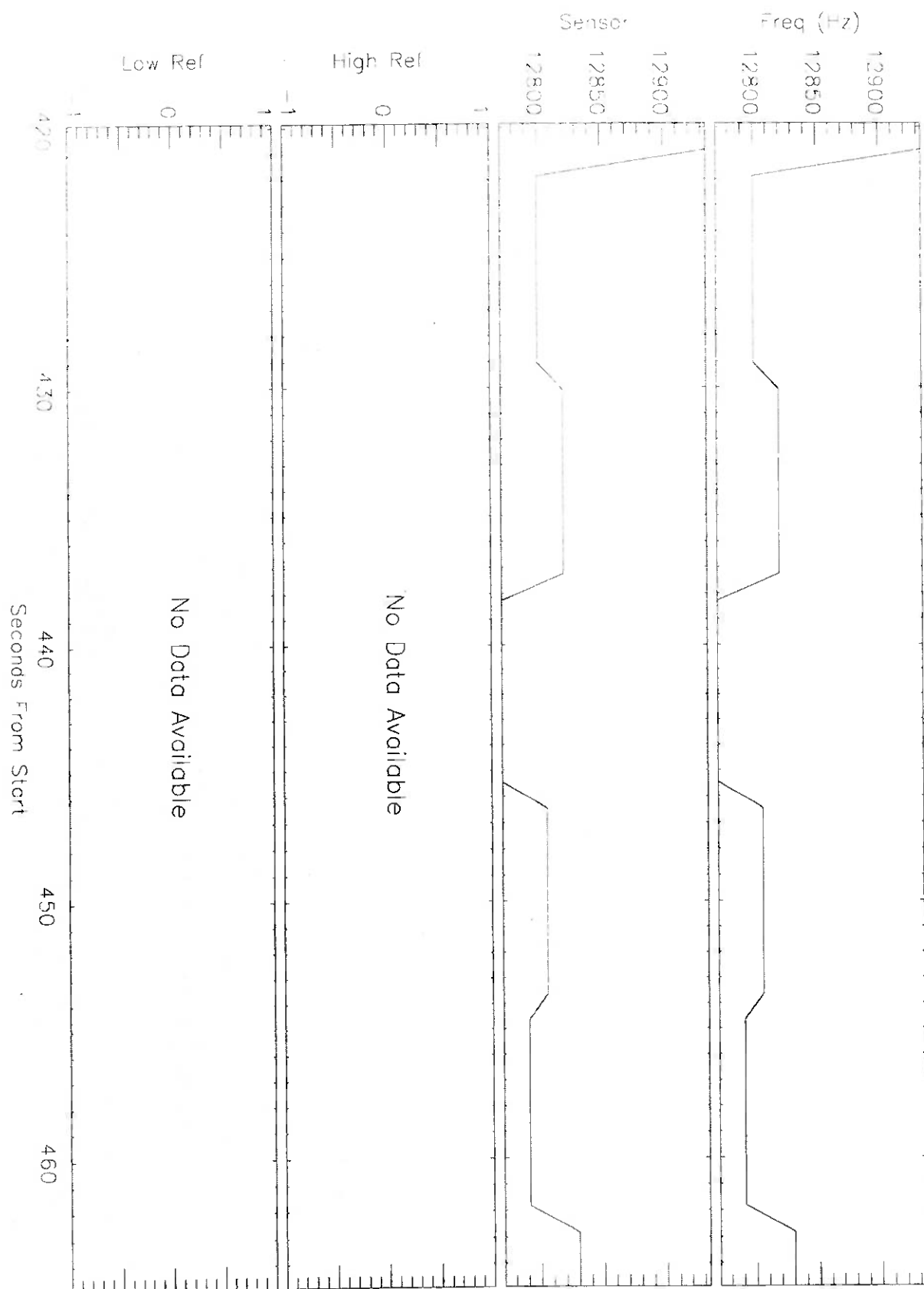


Telemetry point VR_ENG-PMC2-PERR, PMC2 free-run frequency (eng_data)

Time
days
VR_ENG-PMC2-PERR
Hz

14472.62507466,
14472.62516944,
14472.62526427,
14472.62535907,
14472.62544870,
14472.62554352,
14472.62564352,
14472.62573833,
14472.62583316,
14472.62592796,
14472.62602278,
14472.62611759,
14472.62621237,
14472.62630722,
14472.62640205,
14472.62649685,
14472.62659167,
14472.62668648,
14472.62678130,
14472.62687612,
14472.62697093,
14472.62706574,
14472.62716056,
14472.62725537,
14472.62735025,
14472.62744500,
14472.62753981,
14472.62763463,
14472.62772944,
14472.62782429,
14472.62791907,
14472.62801389,
14472.62810869,
14472.62820352,
14472.62829839,
14472.62839315,
14472.62848796,
14472.62858272,
14472.62867760,
14472.62877242,
14472.62886722,
14472.62896204,
14472.62905683,
14472.62915168,
14472.62924655,
14472.62934130,
14472.62943612,
14472.62953090,
14472.62962576,
14472.62972057,
14472.62981537,
14472.62991019,
14472.63000500,
14472.63009983,
14472.63019463,
14472.63028944,
14472.63038426,
14472.63047907,
14472.63057392,
14472.63066870,
14472.63076352,
14472.63085833,
14472.63095315,
14472.63104797,
12814.000000
12806.000000
12806.000000
12811.000000
12786.000000
12835.000000
12810.000000
12833.000000
12805.000000
12812.000000
12818.000000
12827.000000
12854.000000
12811.000000
12762.000000
12811.000000
12853.000000
12879.000000
12859.000000
12861.000000
12810.000000
12897.000000
12794.000000
12842.000000
12817.000000
12815.000000
12793.000000
12803.000000
12819.000000
12819.000000
12803.000000
12819.000000
12801.000000
12938.000000
12743.000000
12809.000000
12805.000000
12804.000000
12918.000000
12826.000000
12832.000000
12819.000000
12812.000000
12895.000000
12895.000000
12770.000000
12815.000000
12898.000000
12813.000000
12821.000000
12811.000000
12811.000000
12841.000000
12934.000000
12800.000000
12820.000000
12771.000000
12806.000000
12791.000000
12830.000000
12912.000000
12840.000000
12817.000000
12837.000000
12964.000000
12910.000000
12868.000000

VR_ENG_PWC2_PERR [PMC2 free-run frequency (eng-dato)]
Start : 1997-08-16T15:00:00.304000Z

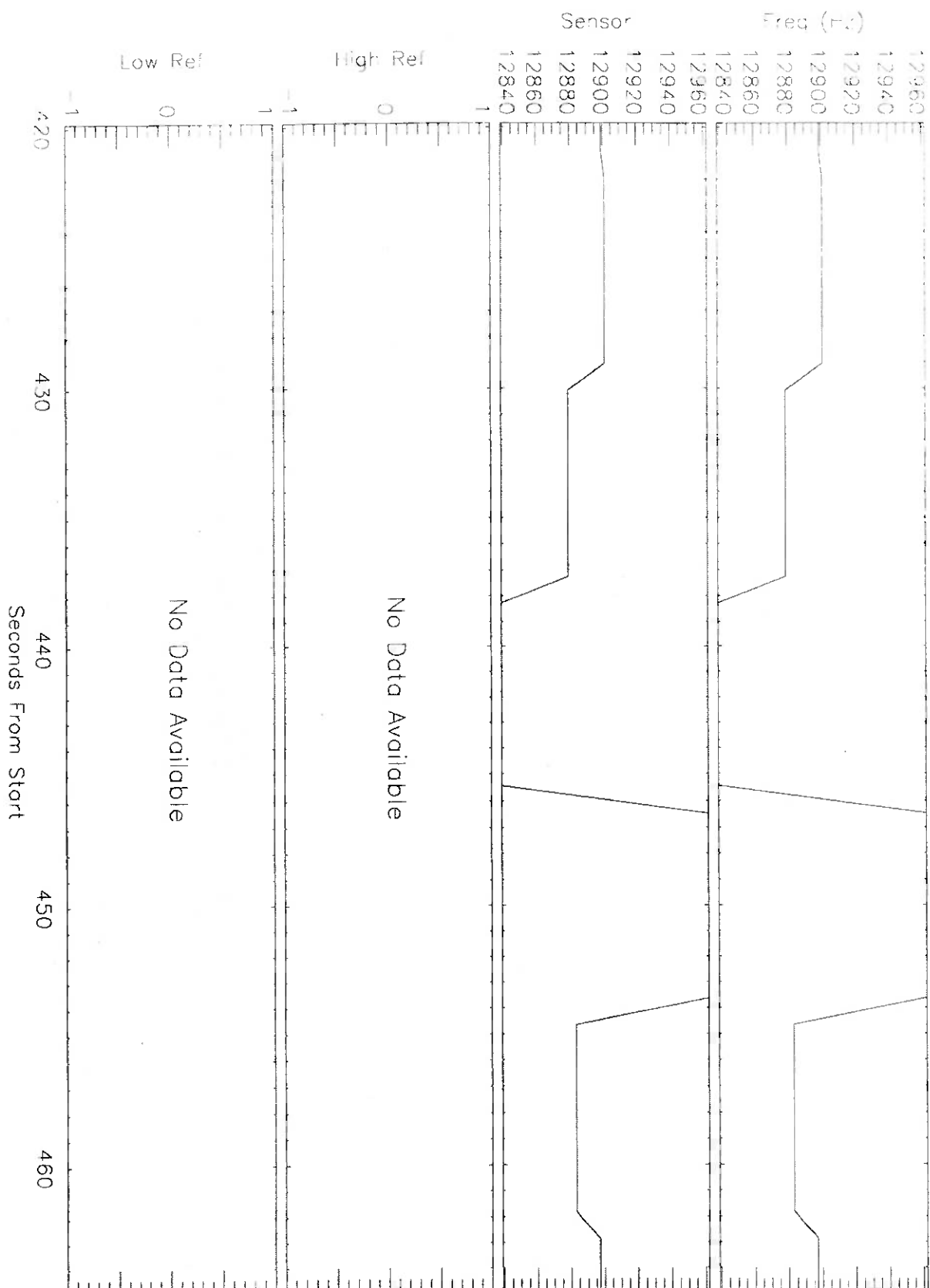


Time
days
14472.62507466, 12893.000000
14472.62516944, 12849.000000
14472.62526427, 12873.000000
14472.62535907, 12774.000000
14472.62545390, 12868.000000
14472.62554870, 12897.000000
14472.62564352, 12923.000000
14472.62573833, 12920.000000
14472.62583316, 12909.000000
14472.62592796, 12887.000000
14472.62602278, 12869.000000
14472.62611759, 12897.000000
14472.62621237, 12864.000000
14472.62630722, 12874.000000
14472.62640205, 12853.000000
14472.62649685, 12820.000000
14472.62659167, 12877.000000
14472.62668648, 12905.000000
14472.62678130, 12855.000000
14472.62687612, 12897.000000
14472.62697093, 12912.000000
14472.62706574, 12872.000000
14472.62716056, 12858.000000
14472.62725537, 12841.000000
14472.62735025, 12853.000000
14472.62744500, 12882.000000
14472.62753981, 12879.000000
14472.62763463, 12900.000000
14472.62772944, 12872.000000
14472.62782429, 12834.000000
14472.62791907, 12866.000000
14472.62801389, 12908.000000
14472.62810869, 12956.000000
14472.62820352, 12861.000000
14472.62829839, 12849.000000
14472.62839315, 12869.000000
14472.62848796, 12879.000000
14472.62858272, 12954.000000
14472.62867760, 12878.000000
14472.62877242, 12911.000000
14472.62886722, 12870.000000
14472.62896204, 12870.000000
14472.62905683, 12970.000000
14472.62915168, 12859.000000
14472.62924655, 12849.000000
14472.62934130, 12921.000000
14472.62943612, 12894.000000
14472.62953090, 12818.000000
14472.62962576, 12830.000000
14472.62972057, 12880.000000
14472.62981537, 12899.000000
14472.62991019, 12901.000000
14472.63000500, 12879.000000
14472.63009983, 12839.000000
14472.63019463, 12962.000000
14472.63028944, 12883.000000
14472.63038426, 12897.000000
14472.63047907, 12971.000000
14472.63057392, 12848.000000
14472.63066870, 12909.000000
14472.63076352, 12873.000000
14472.63085833, 12873.000000
14472.63095315, 12968.000000
14472.63104797, 12881.000000

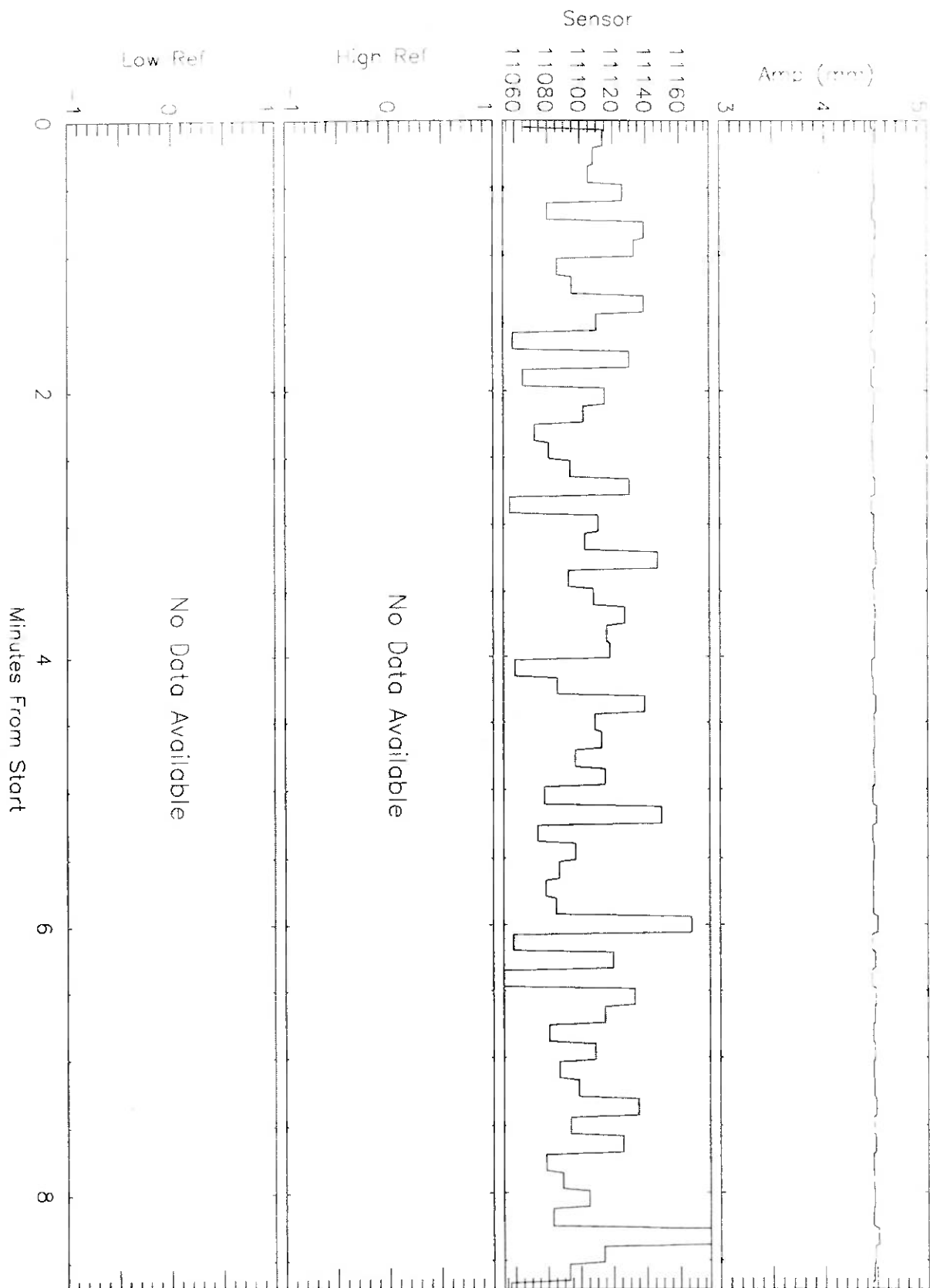
telemetry point VR_ENG_PMC1_PERR, PMC1 free-run frequency (eng_data)

VR_ENG_PMC1_PERR
Hz

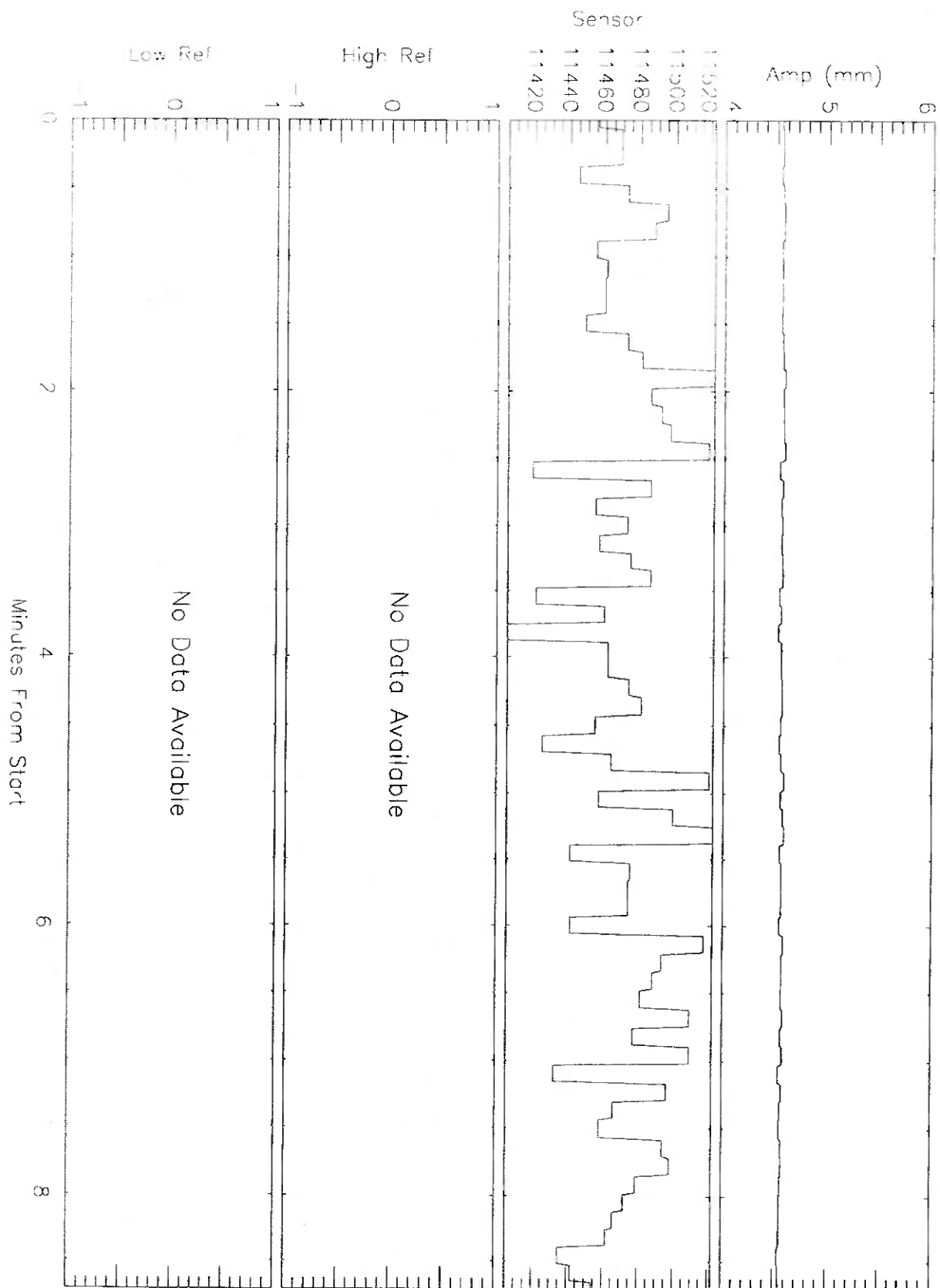
VR_ENC_PMC1_PERR [PMC1 free-run frequency (eng-data)] Start : 1997-08-16T15:00:00.304000Z



VR_ENC_PMC2_PPO [PMC2 positional pick-off amplitude (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



VR_ENC_PMC1_PP0 [PMC1 positional pick-off amplitude (eng_dato)]
Start : 1997-08-16T15:00:00.304000Z



VR_LEN6_PRESS4 [Pressure transducer #4 output]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point VR_ENG_PRESS3, Pressure transducer #3 output

Time

days

14472.625074466

14472.62516944

14472.62526427

14472.62535907

14472.62545390

14472.62554870

14472.62564352

14472.62573833

14472.62583316

14472.62592796

14472.62602278

14472.62611759

14472.62621237

14472.62630722

14472.62640205

14472.62649685

14472.62659167

14472.62668648

14472.62678130

14472.62687612

14472.62697093

14472.62706574

14472.62716056

14472.62725537

14472.62735025

14472.62744500

14472.62753981

14472.62763463

14472.62772944

14472.62782429

14472.62791907

14472.62801389

14472.62810869

14472.62820352

14472.62829839

14472.62839315

14472.62848796

14472.62858272

14472.62867760

14472.62877242

14472.62886722

14472.62896204

14472.62905683

14472.62915168

14472.62924655

14472.62934130

14472.62943612

14472.62953090

14472.62962576

14472.62972057

14472.62981537

14472.62991019

14472.63000500

14472.63009983

14472.63019463

14472.63028944

14472.63038426

14472.63047907

14472.63057392

14472.63066870

14472.63076352

14472.63085833

14472.63095315

14472.63104797

79.057471

79.083219

79.073197

79.068551

79.102541

79.089659

79.076780

79.085010

79.076780

79.052830

79.087868

79.042810

79.087868

79.052830

79.076780

79.089659

79.073197

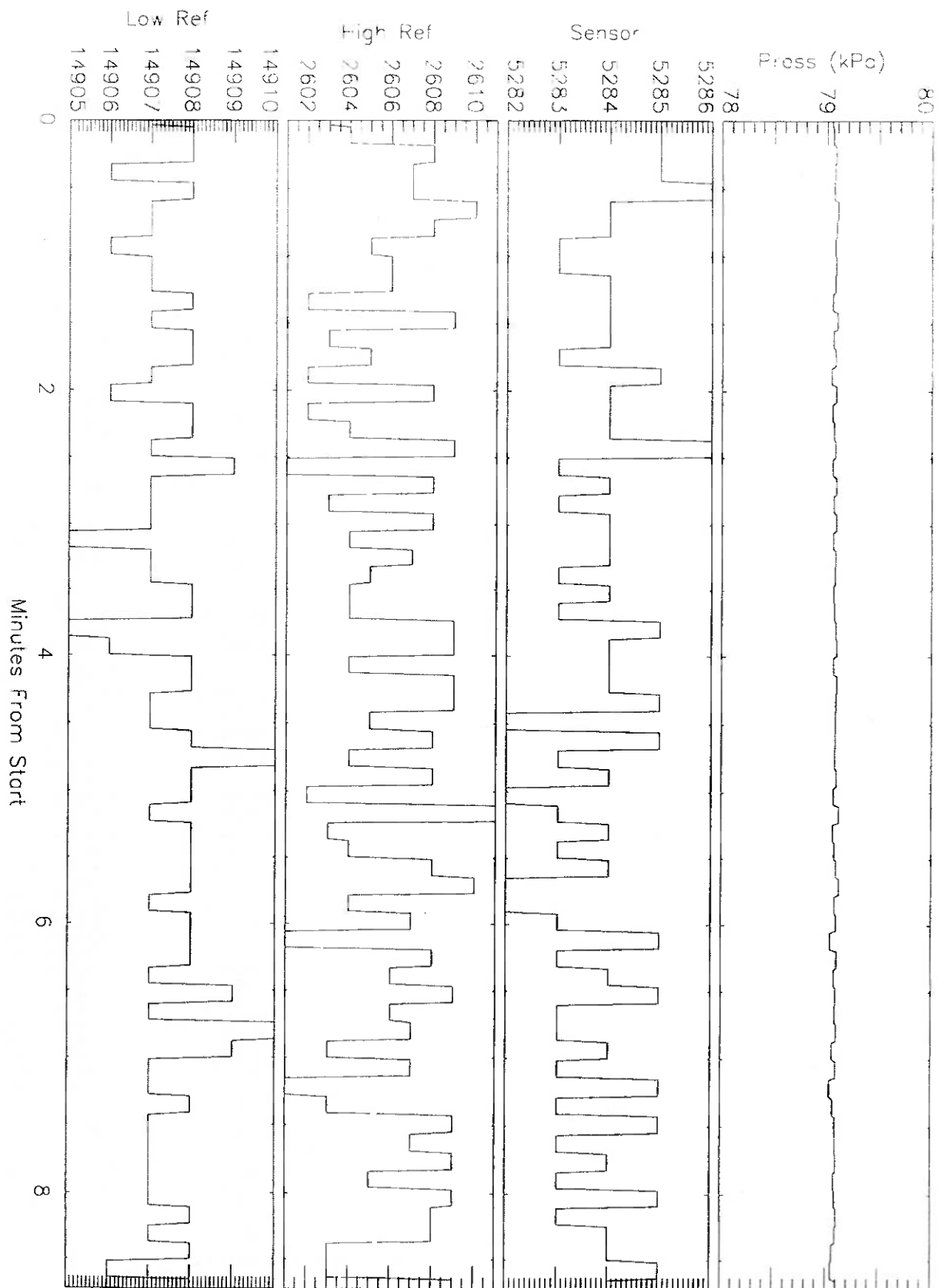
79.068551

79.102541

79.089659

79.076780

VR_ENG_PRESS3 [Pressure transducer #3 output]
Start : 1997-08-16T15:00:00.304000Z

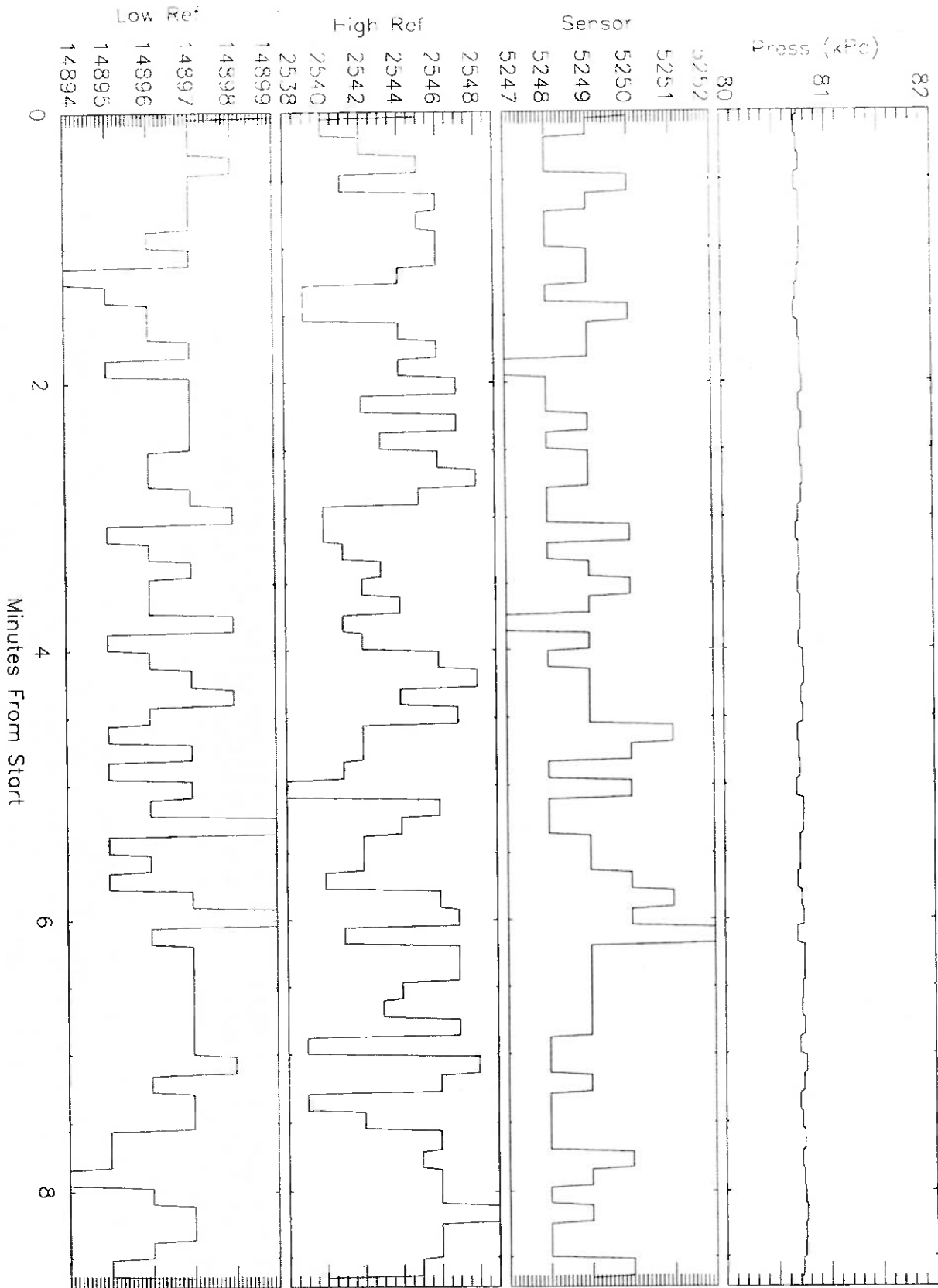


Telemetry point VR_ENG_PRESS2, pressure transducer #2 output

VR_ENG_PRESS2
kPa

Time
days
14472.625074456,
14472.625169444,
14472.625264427,
14472.625355907,
14472.62545390,
14472.62554870,
14472.62564352,
14472.62573833,
14472.62583316,
14472.62592796,
14472.62602278,
14472.62611759,
14472.62621237,
14472.62630722,
14472.62640205,
14472.62649685,
14472.62659167,
14472.62668648,
14472.62678130,
14472.62687612,
14472.62697093,
14472.62706574,
14472.62716056,
14472.62725537,
14472.62735025,
14472.62744500,
14472.62753981,
14472.62763463,
14472.62772944,
14472.62782429,
14472.62791907,
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14472.62829839,
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14472.62848796,
14472.62858272,
14472.62867760,
14472.62877242,
14472.62886722,
14472.62896204,
14472.62905683,
14472.62915168,
14472.62924655,
14472.62934130,
14472.62943612,
14472.62953090,
14472.62962576,
14472.62972057,
14472.62981537,
14472.62991019,
14472.63000500,
14472.63009983,
14472.63019463,
14472.63028944,
14472.63038426,
14472.63047907,
14472.63057392,
14472.63066870,
14472.63076352,
14472.63085833,
14472.63095315,
14472.63104797,
80.7074490
80.728863
80.750243
80.705661
80.746591
80.748417
80.753111
80.746591
80.728863
80.735380
80.744764
80.757806
80.748417
80.717661
80.695488
80.720520
80.727036
80.710347
80.731725
80.732518
80.716863
80.753111
80.759632
80.73380
80.751285
80.700172
80.712176
80.718691
80.718691
80.695488
80.729898
80.748417
80.687144
80.753111
80.753111
80.716863
80.745551
80.716863
80.753111
80.728863
80.709319
80.744764
80.709319
80.728863
80.751285
80.728070
80.741109
80.753111
80.766155
80.754937
80.753111
80.728070
80.7074490

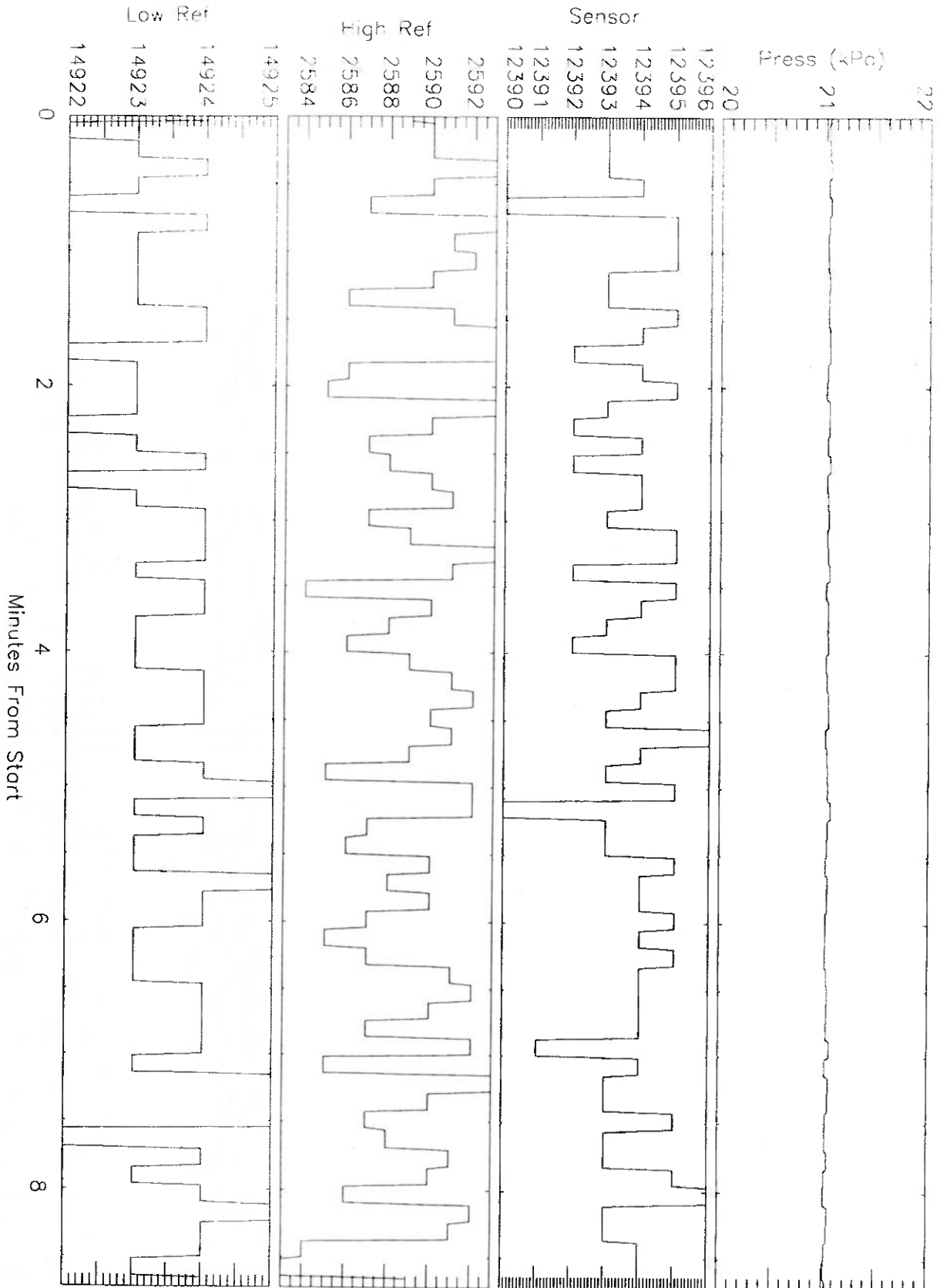
VR_ENG_PRESS2 [Pressure transducer #2 output]
 Start : 1997-08-16T15:00:00.304000Z



Telemetry point VR_ENG_PRESS1, pressure transducer #1 output

Time	VR_ENG_PRESS1
days	kPa
14472.62507466,	21.025718
14472.62516944,	21.032270
14472.62516944,	21.043895
14472.62526427,	21.024028
14472.62535907,	21.045370
14472.62545390,	21.027409
14472.62545870,	21.017475
14472.62564352,	21.019165
14472.62573833,	21.032270
14472.62583316,	21.025509
14472.62592796,	21.024028
14472.62602278,	21.035652
14472.62611759,	21.039035
14472.62621237,	21.017270
14472.62630722,	21.007342
14472.62640205,	21.037343
14472.62649685,	21.033961
14472.62659167,	21.018959
14472.62668648,	21.043679
14472.62678130,	21.017475
14472.62687612,	21.025718
14472.62706574,	21.033748
14472.62716056,	21.020648
14472.62725537,	21.027409
14472.62735025,	21.042203
14472.62744500,	21.012204
14472.62753981,	21.030579
14472.62763463,	21.028889
14472.62772944,	21.033748
14472.62782429,	21.014097
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VR_ENG_PRESS1 [Pressure transducer #1 output]
Start : 1997-08-16T15:00:00.304000Z

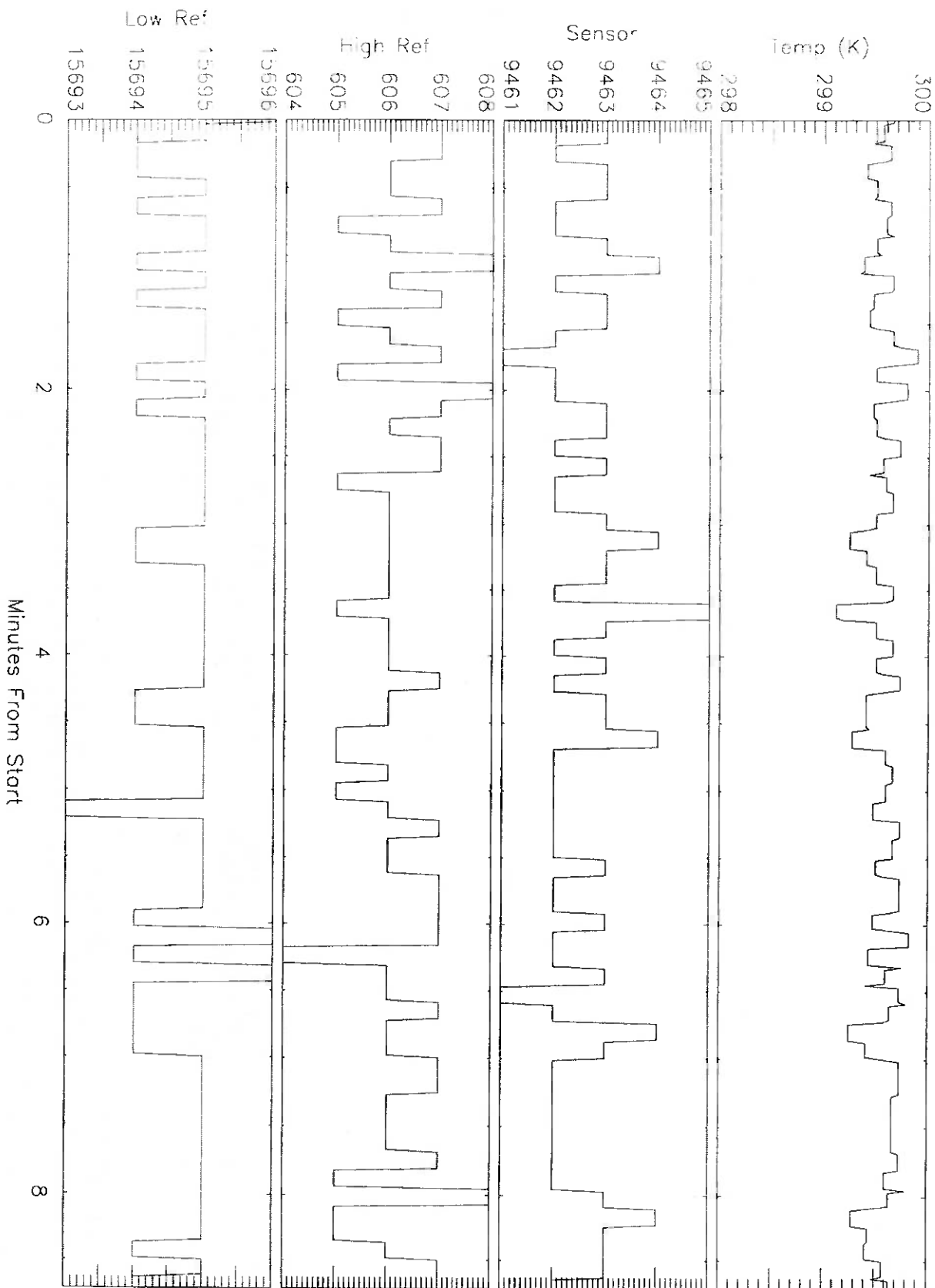


Telemetry point TR_ENG_PRESS4, LMC4 , pressure sensor temperature (eng_data)

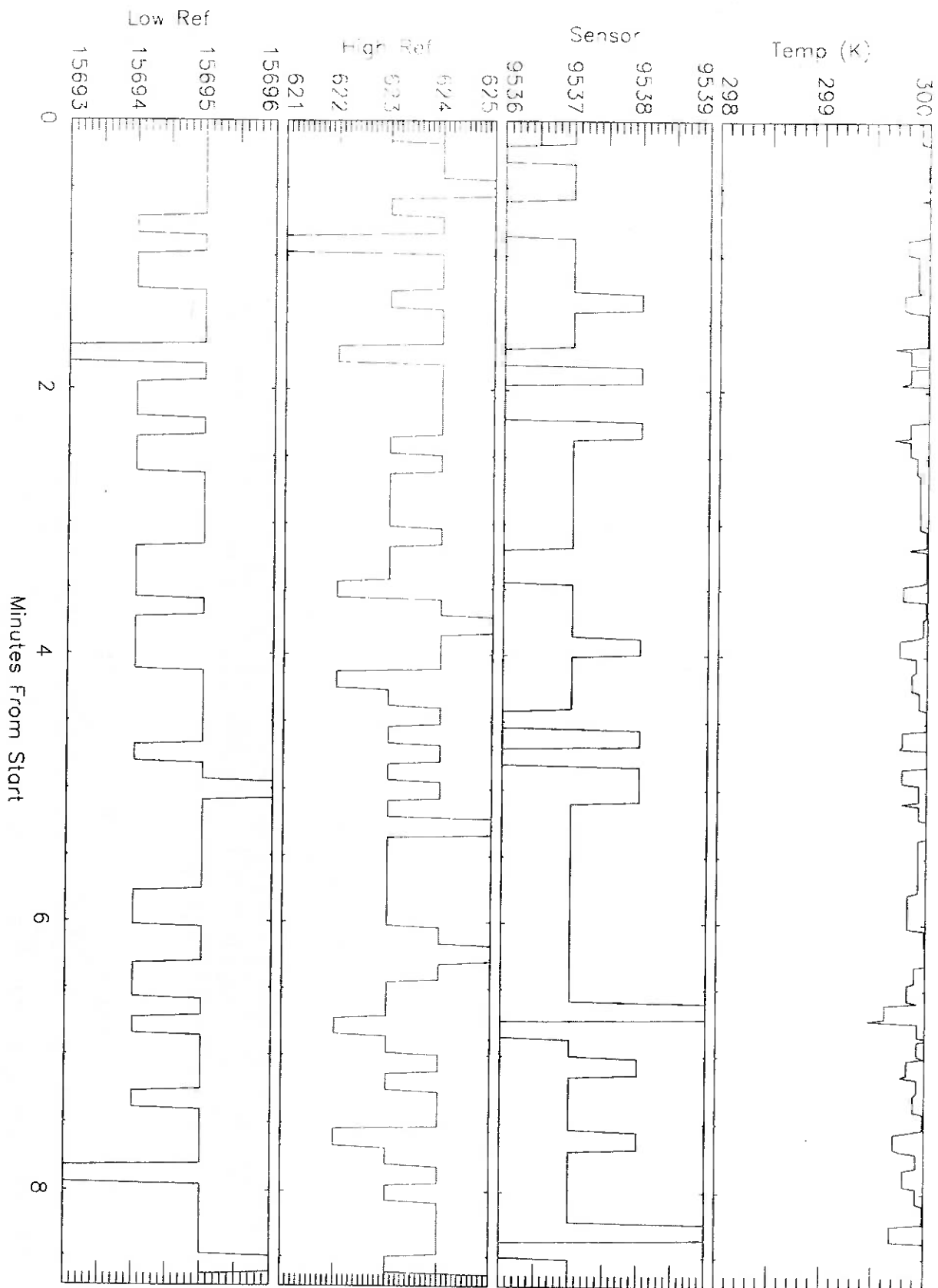
Time
days

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TR_ENG_PRESS4

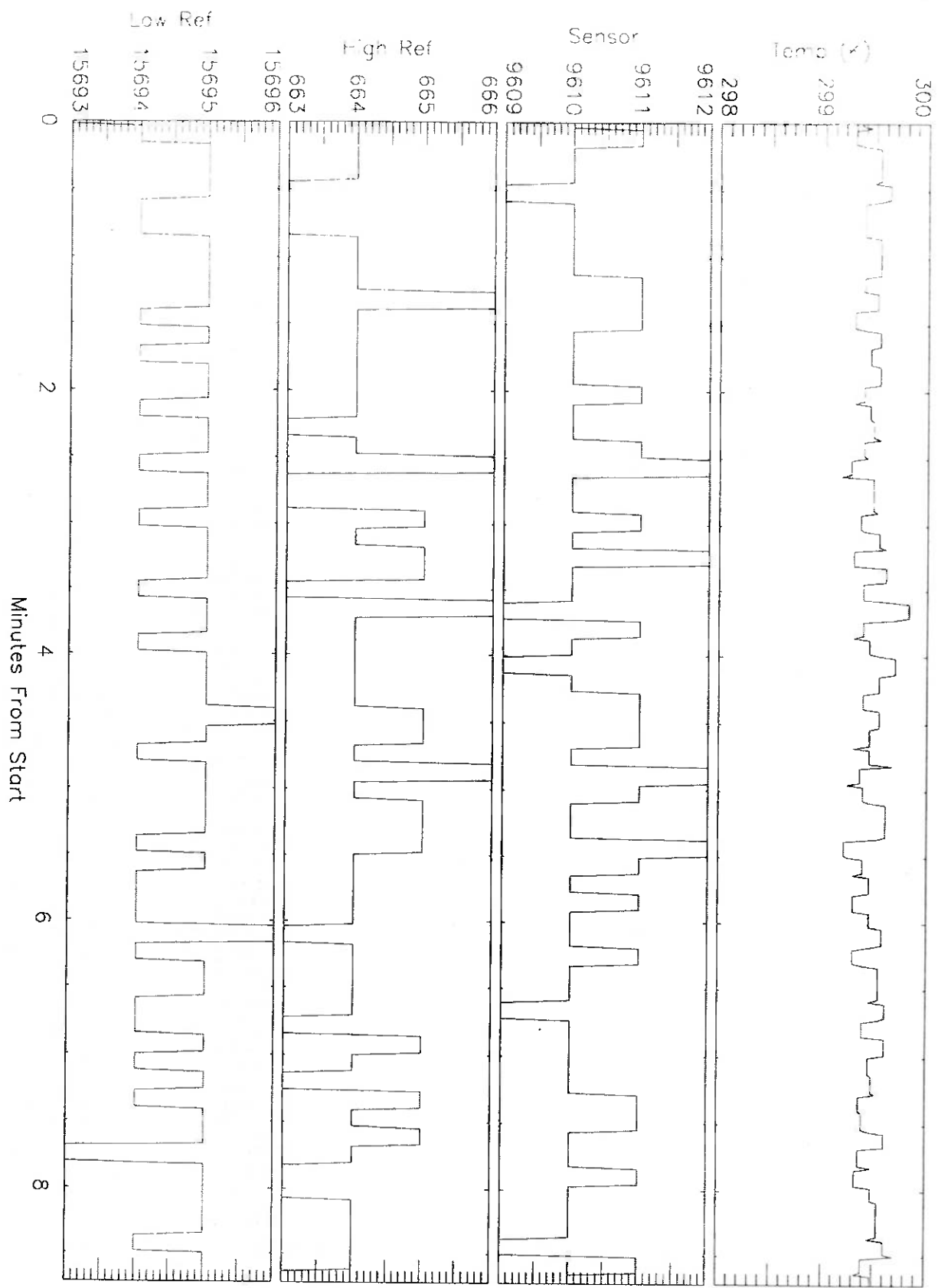
TR_ENG_PRESS4 [LMC4 , pressure sensor temperature (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



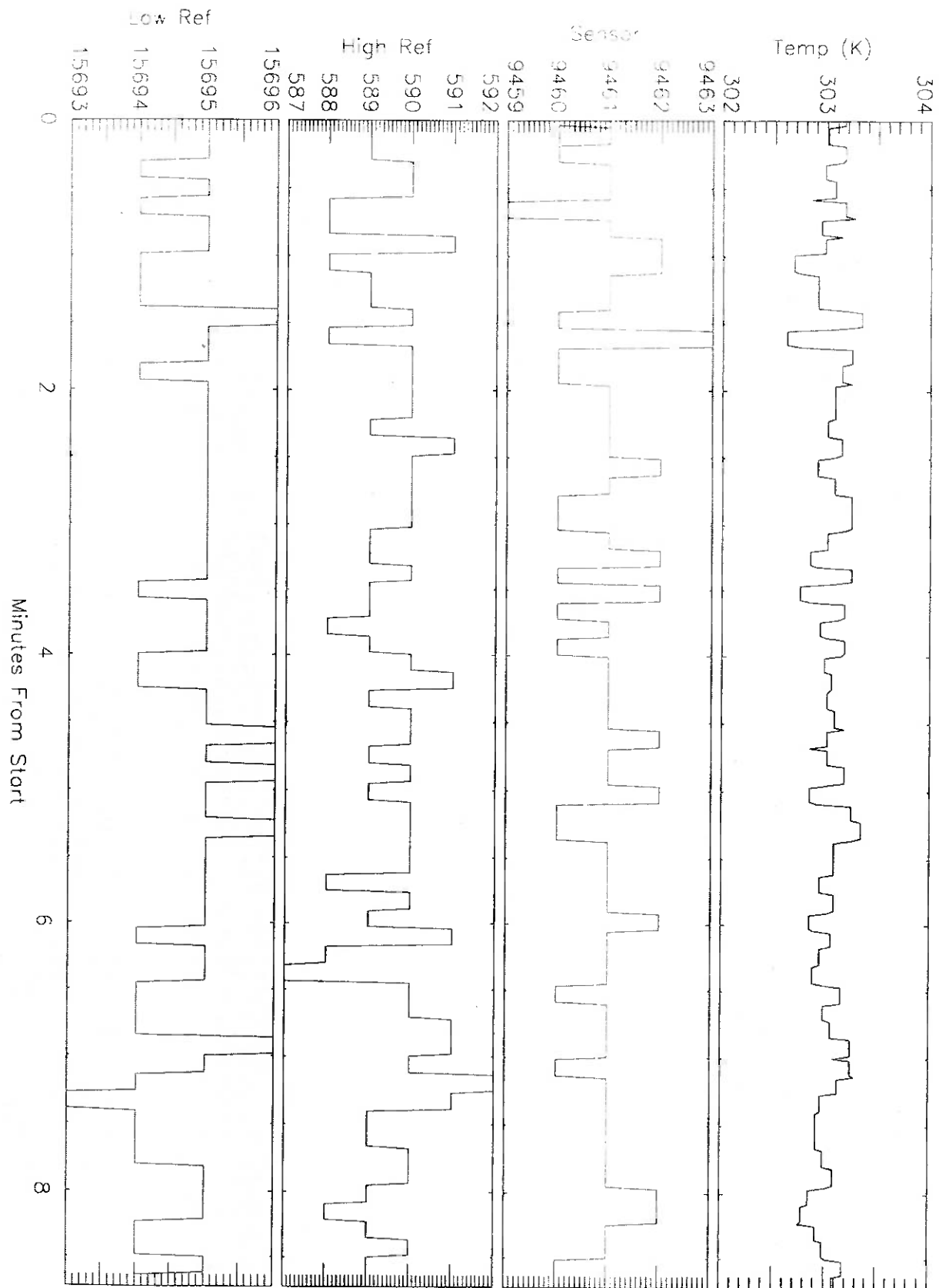
TR_ENG_PRESS3 [LMC3 , pressure sensor temperature (eng_dato)]
Start : 1997-08-16T15:00:00.304000Z



TR_ENG_PRESS2 [LMC2 , pressure sensor temperature (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



TR_ENG_PRESS1 [LMC1 , pressure sensor temperature (eng_data)]
Start : 1997-08-16T15:00:00.304000Z

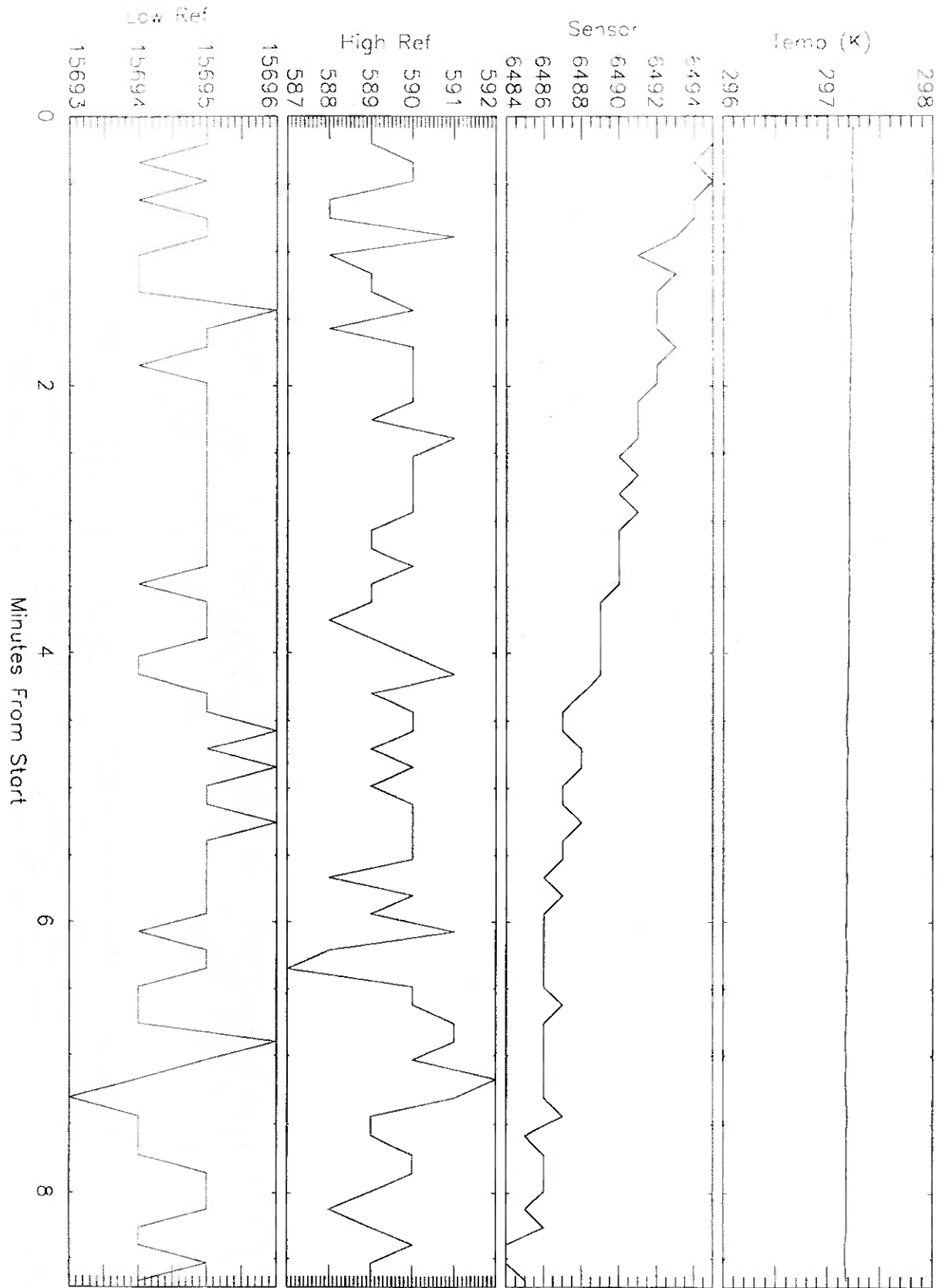


Telemetry point TR_BPLT_3, Baseplate #3, thermistor

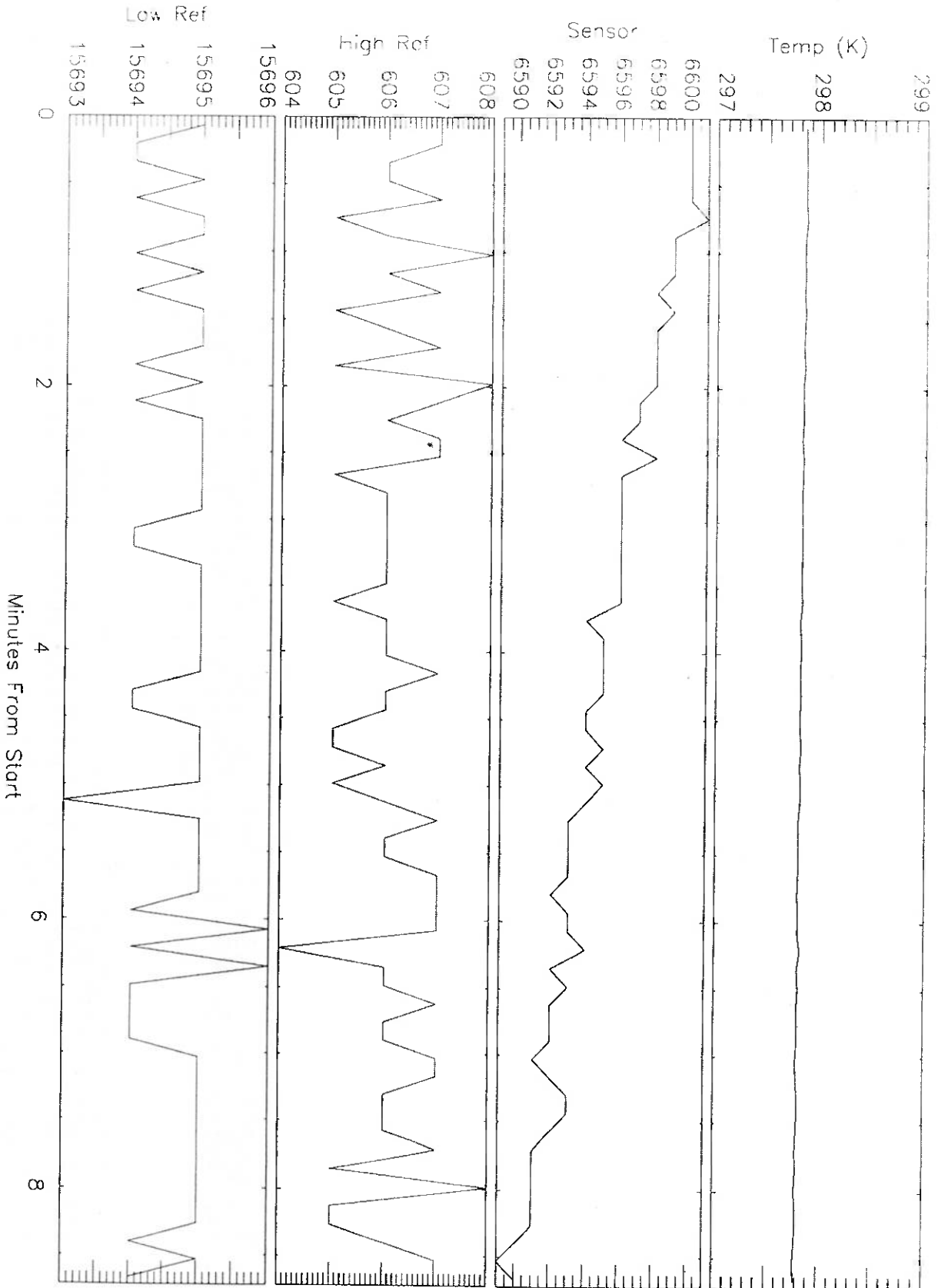
Time
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TR_BPLT_3
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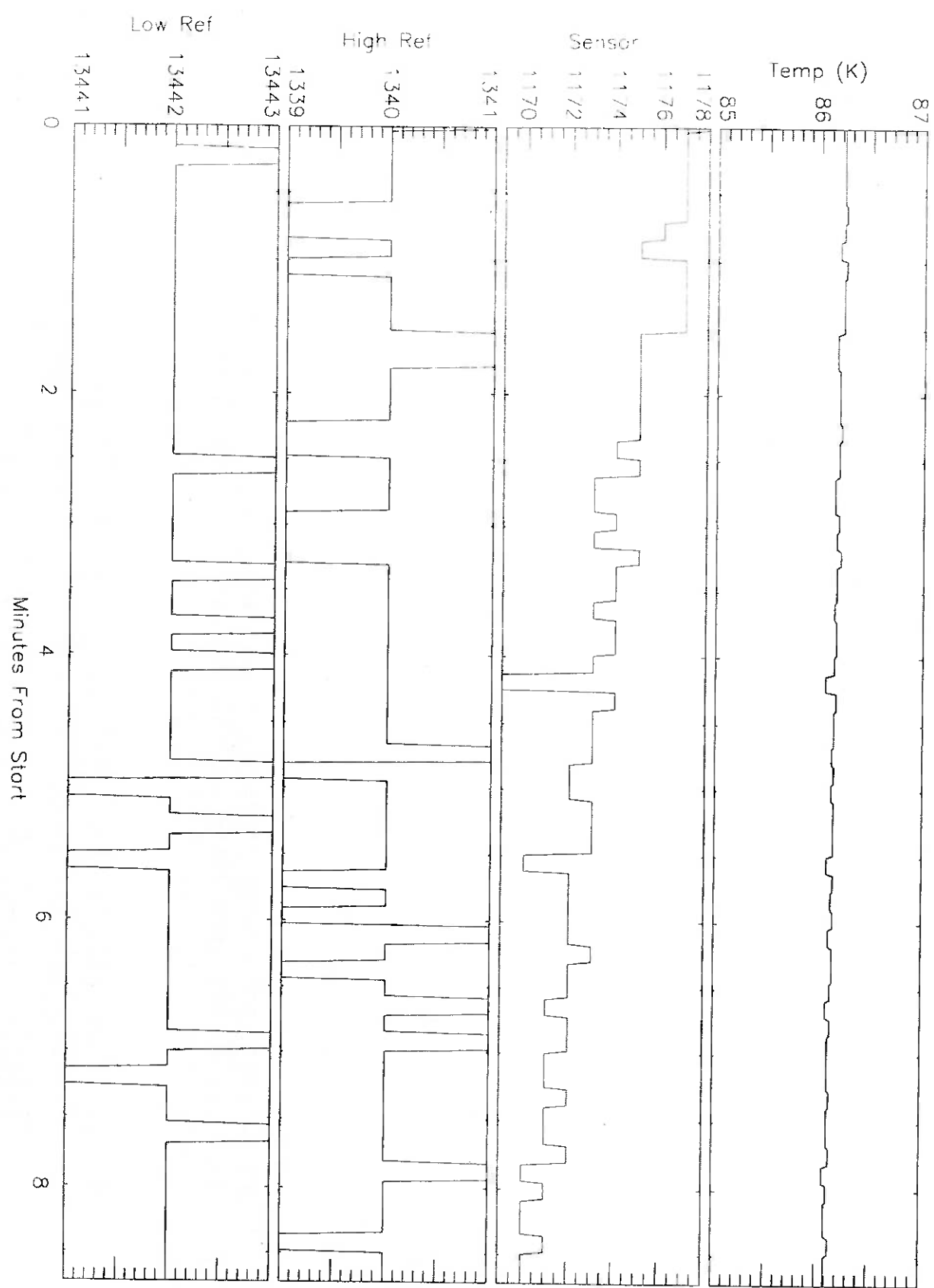
TR_BPLT_3 [Baseplate #3, thermistor]
Start : 1997-08-16T15:00:00.304000Z



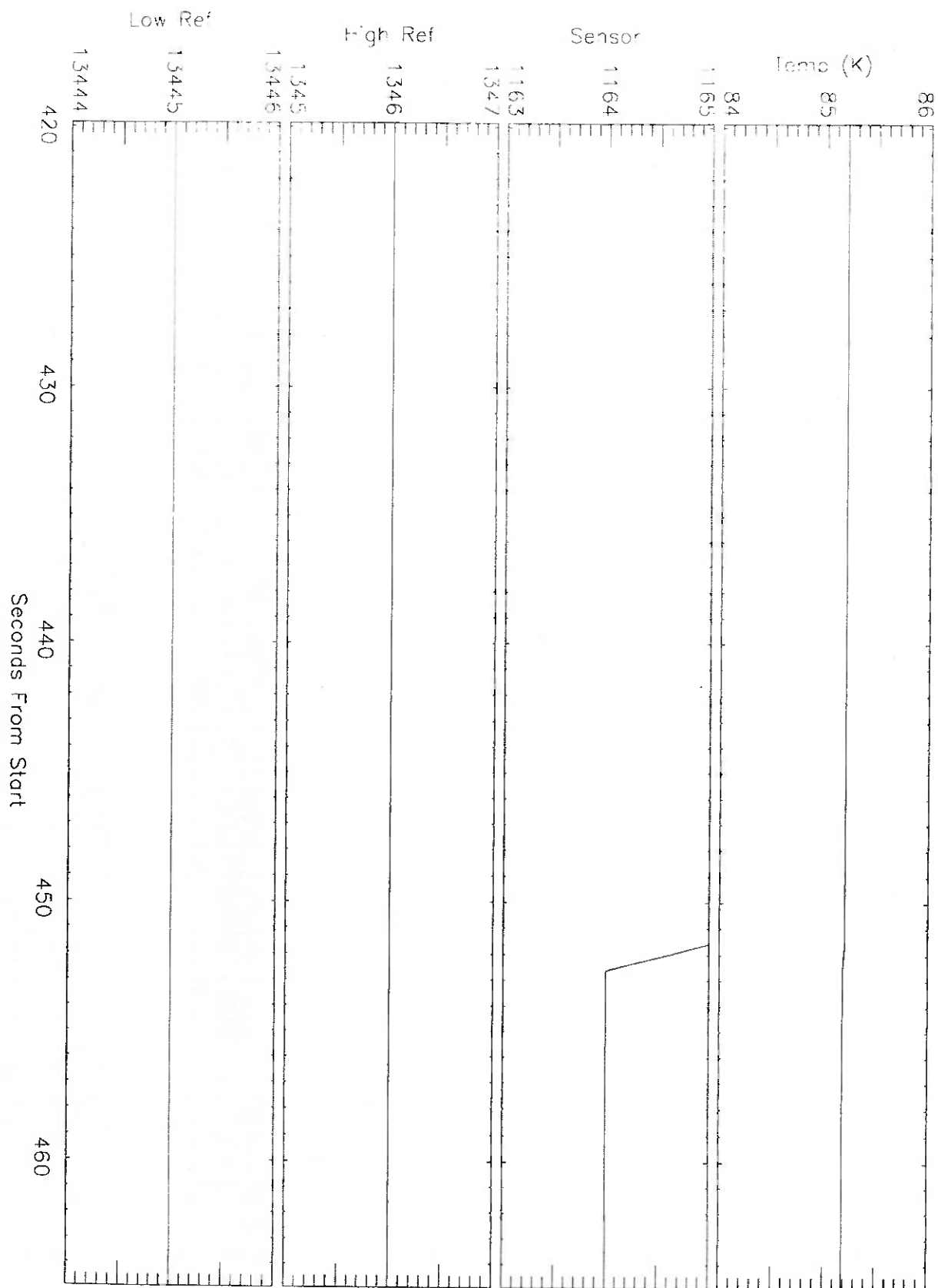
TR_BPLT_2 [Baseplate #2, thermistor]
Start : 1997-08-16T15:00:00.304000Z



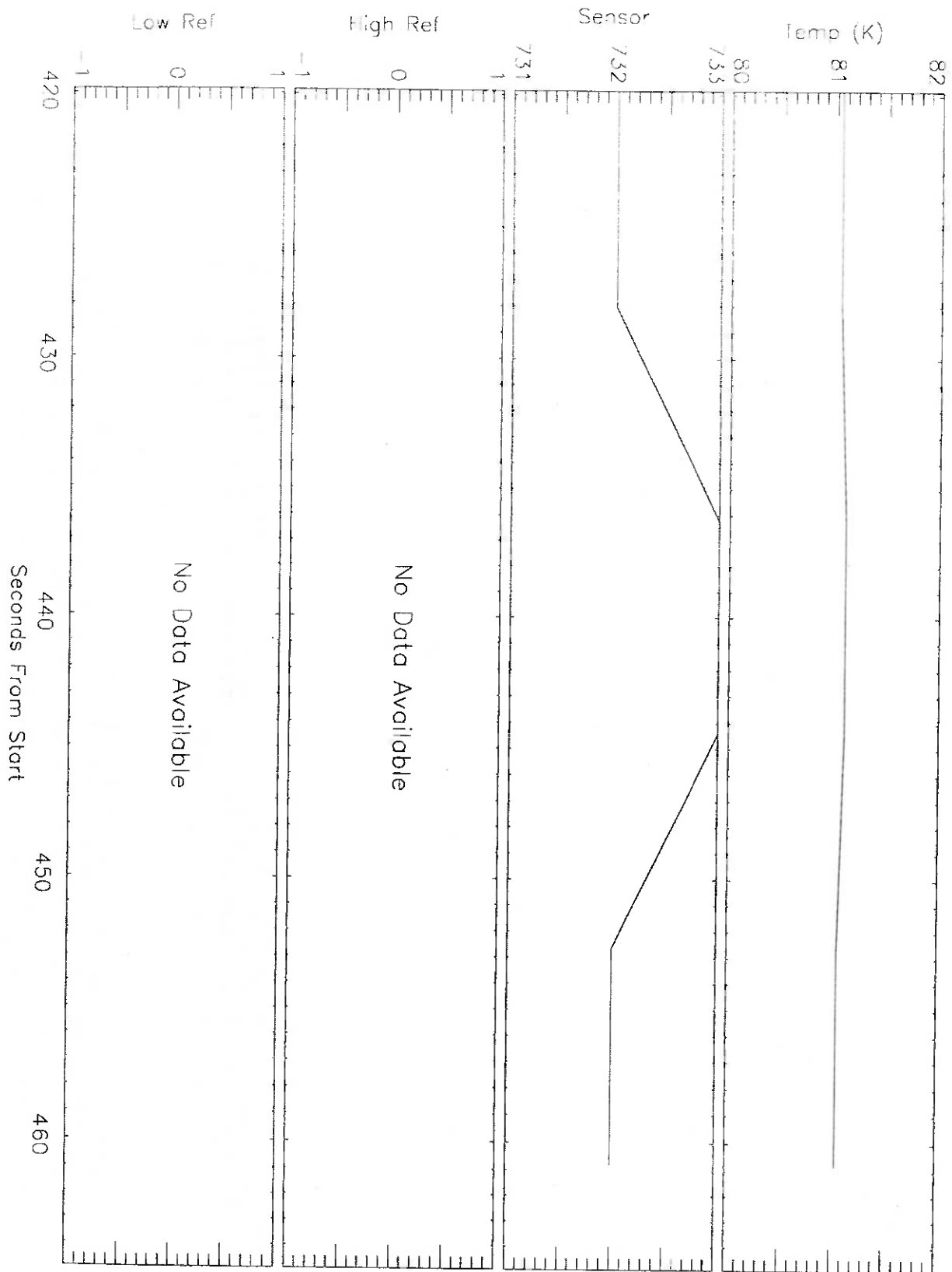
TR_ENG_FILTER5 [cold filter 5 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



TR_ENG_FILTER7 [cold filter 7 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



TR_COLD_TIP1_W [cold tip #1 - wide setting]
Start : 1997-08-16T15:00:00.304000Z

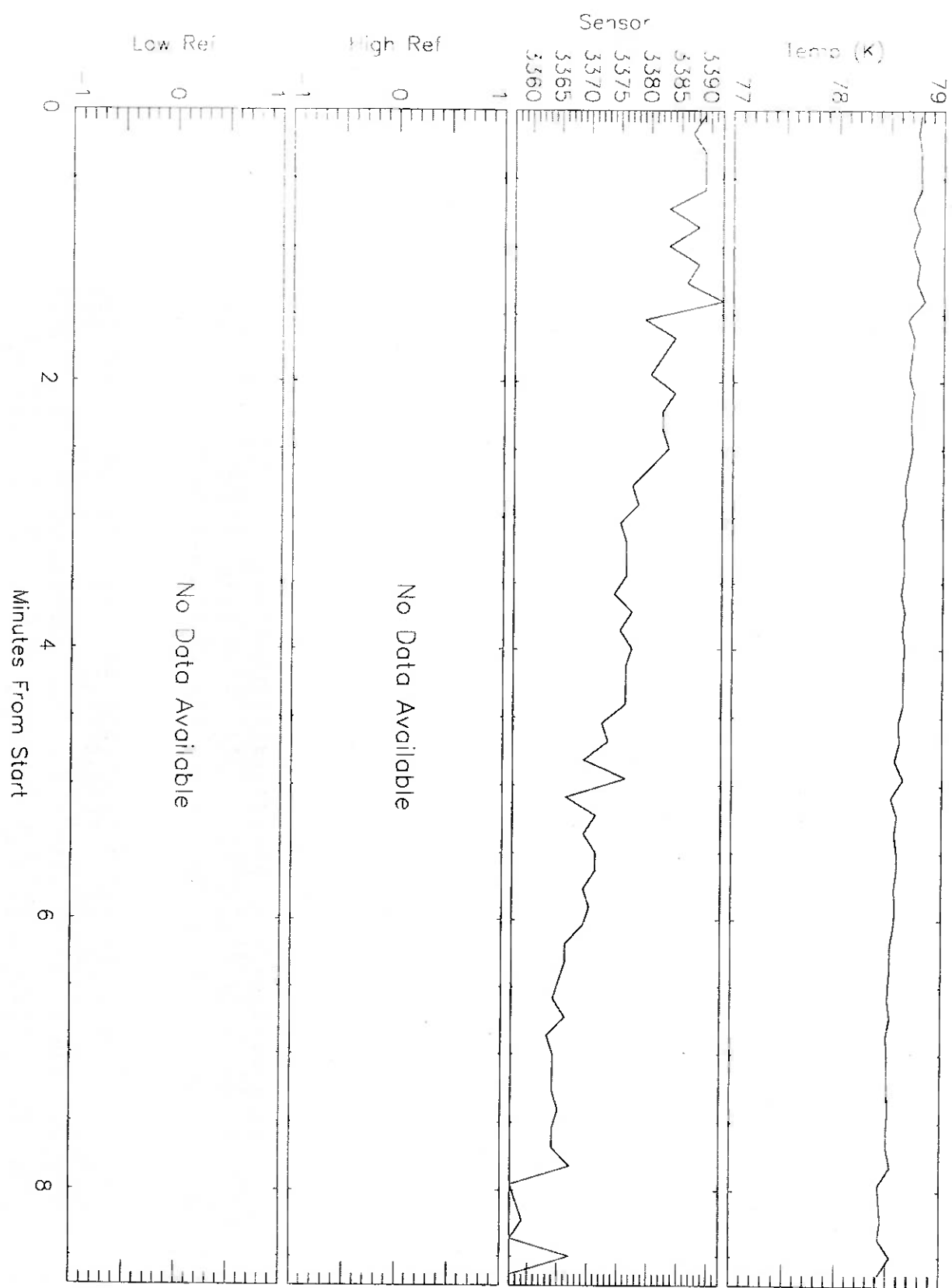


Telemetry point TR_COLD_TIP1_W, cold tip #1 - wide setting

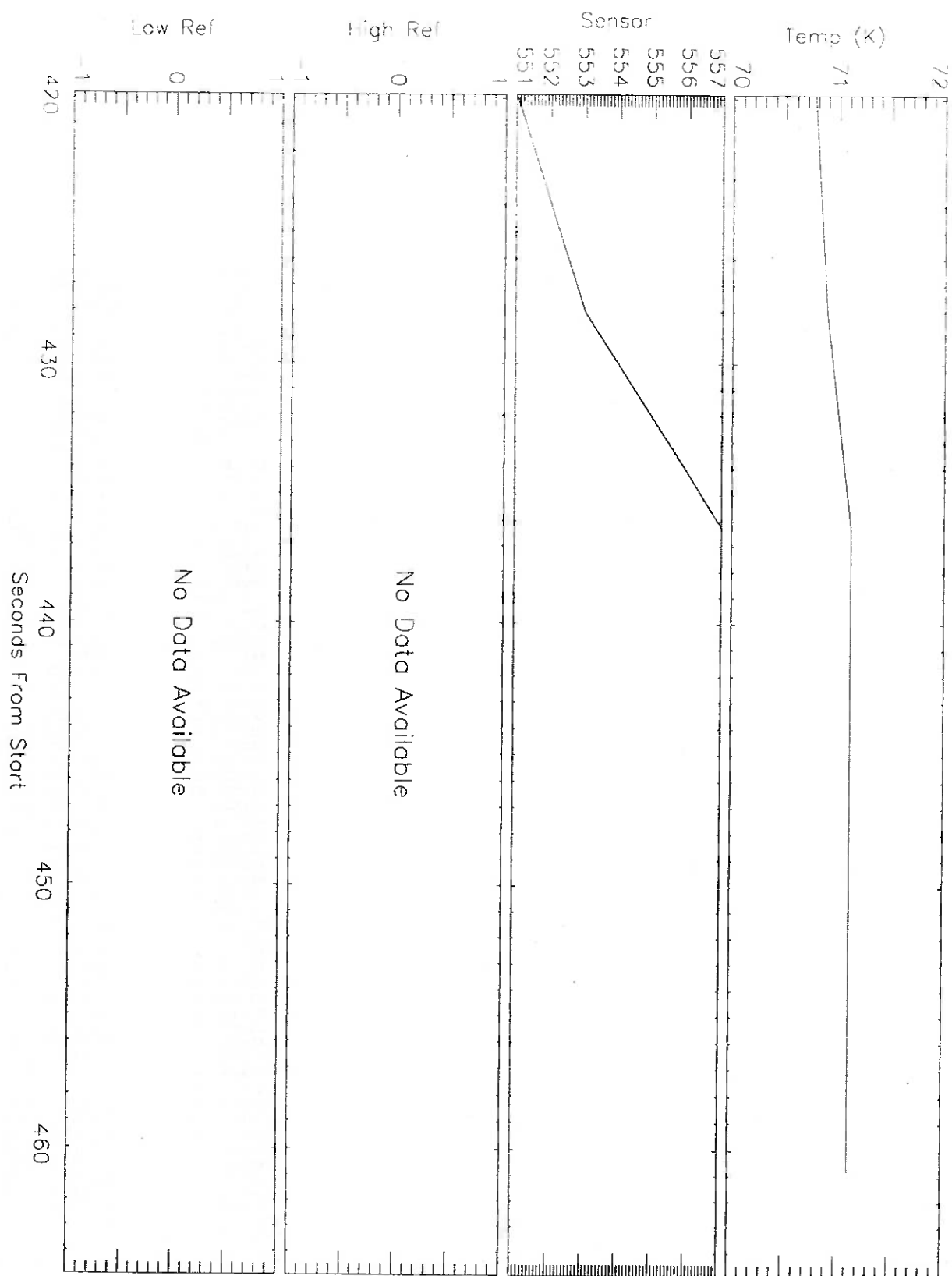
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TR_COLD_TIP1_W

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TR_COLD_TIP1_N [cold tip #1 - narrow setting]
Start : 1997-08-16T15:00:00.304000Z



IR_COLD_TIP2_W [cold tip #2 - wide setting]
Start : 1997-08-16T15:00:00.304000Z

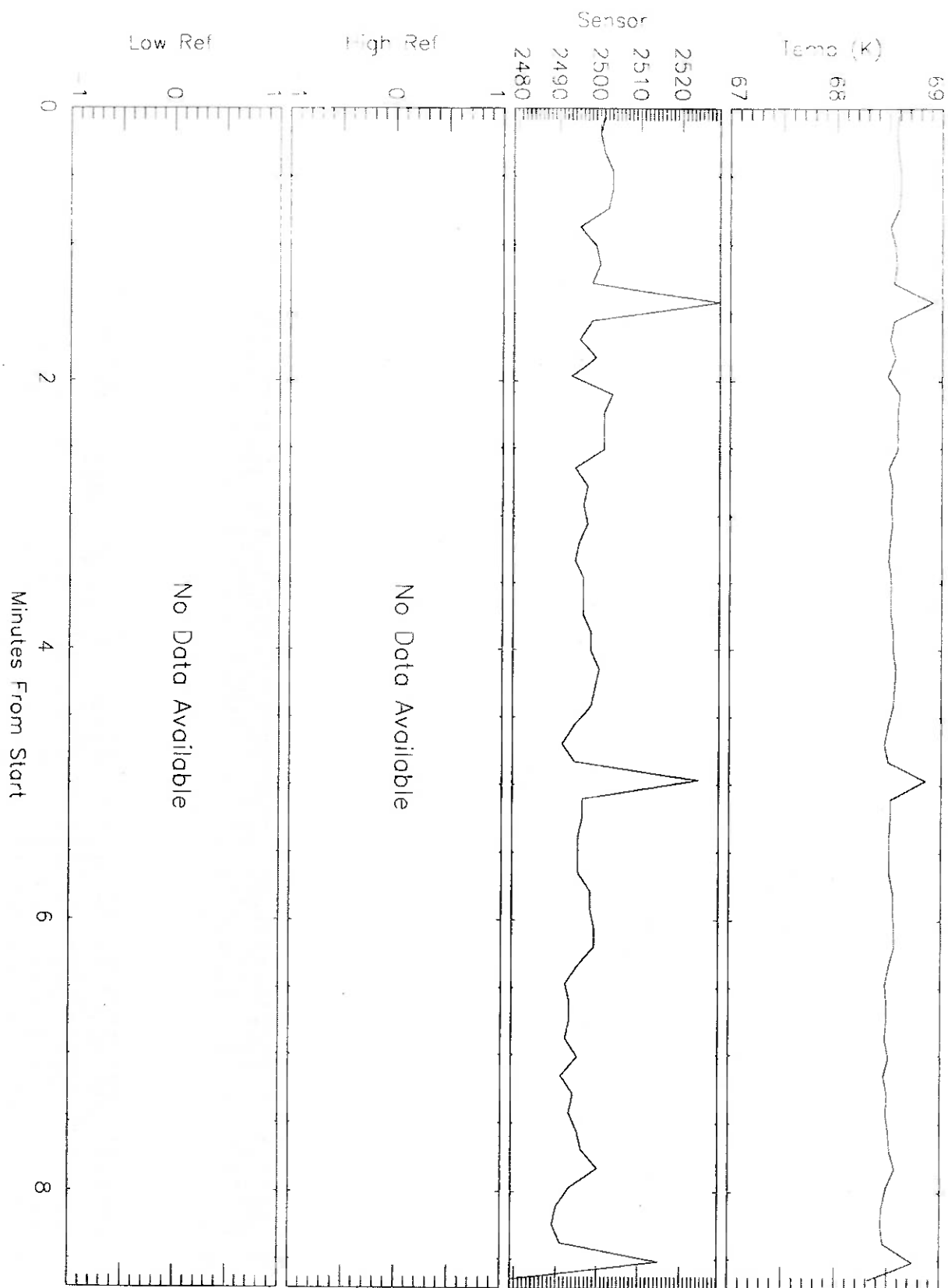


Telemetry point TR-COLD-TIP2-W, cold tip #2 - wide setting

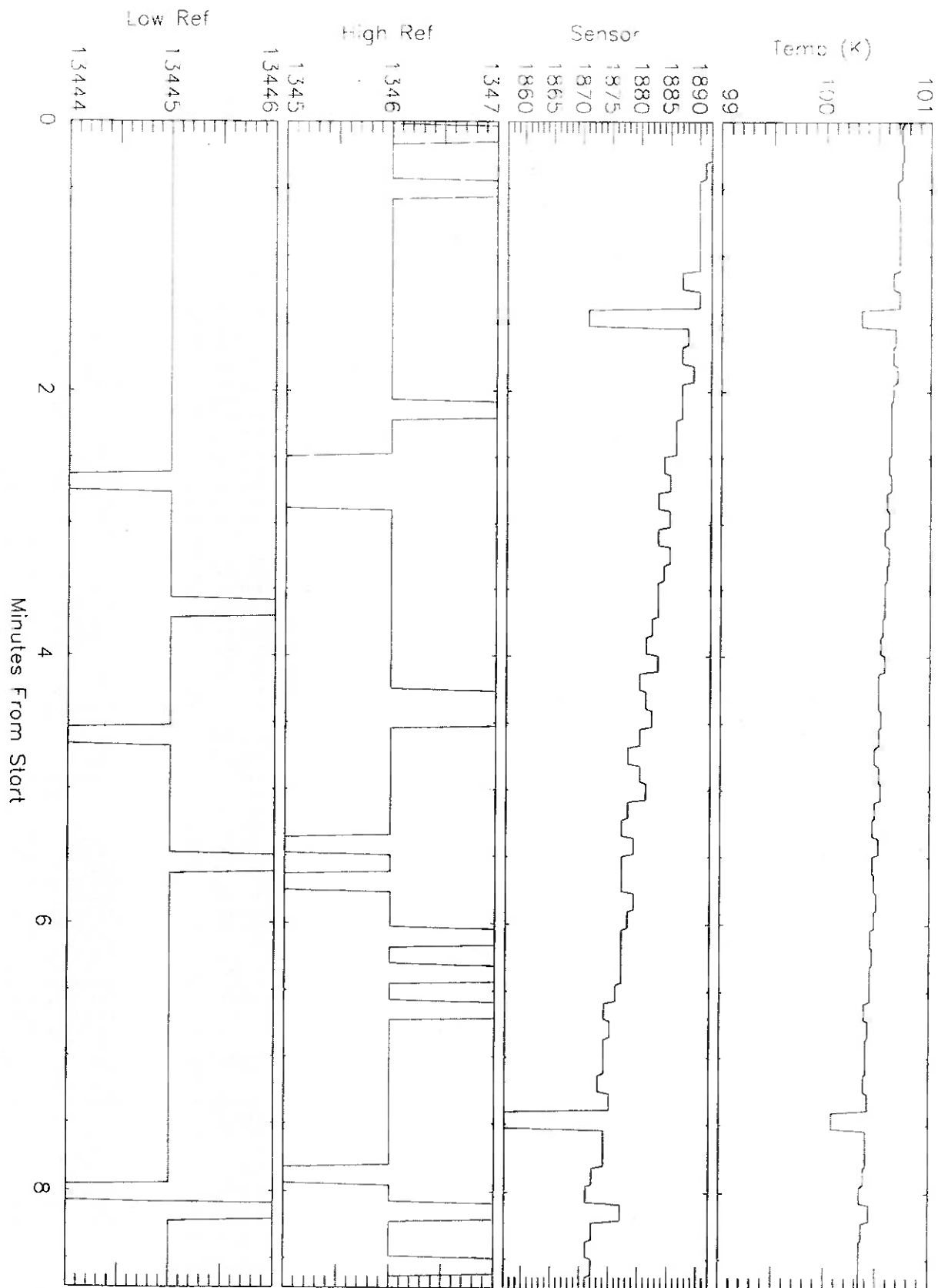
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TR_COLD_TIP2_N [cold tip #2 - narrow setting]
Start : 1997-08-16T15:00:00.304000Z



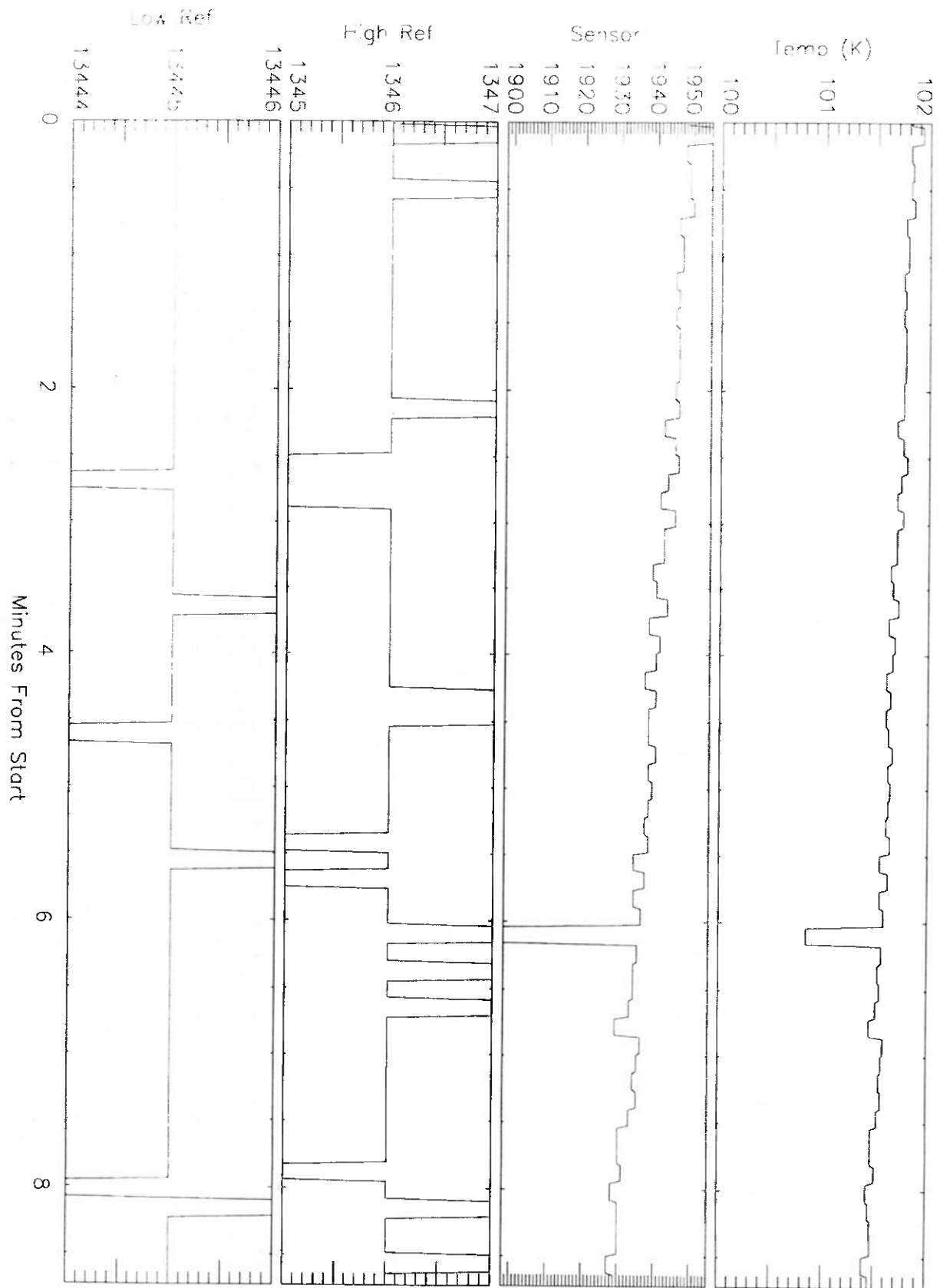
TR_ENG_DETECTOR1 [detector 1 (eng-data)]
Start : 1997-08-16T15:00:00.304000Z



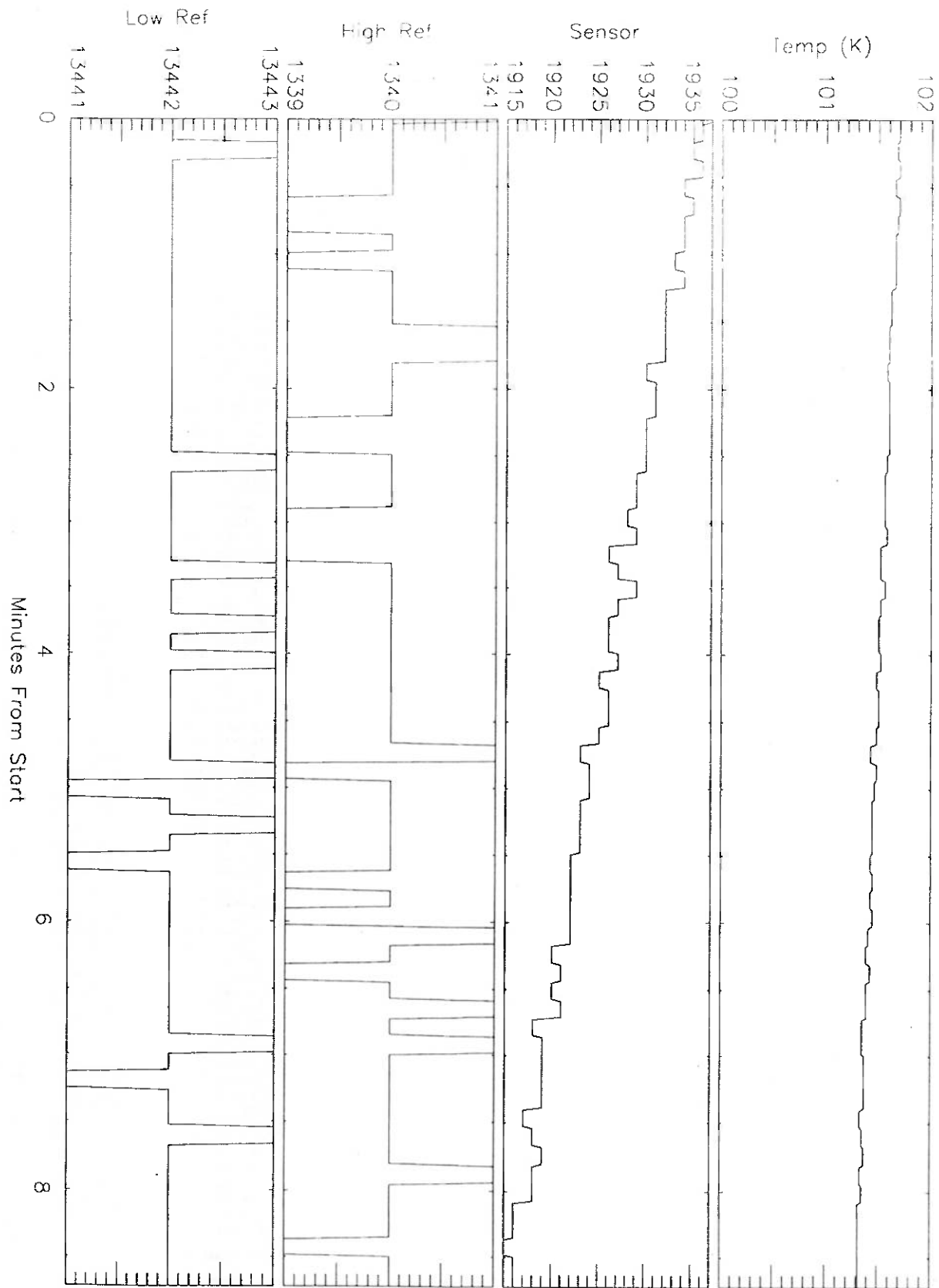
Time TR_ENG_DETECTOR1 days K

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TR_ENG_DETECTOR2 [detector 2 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



TR_ENG_DETECTOR3 [detector 3 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z



Telemetry point TR_ENG_DETECTOR3, detector 3 (eng_data)

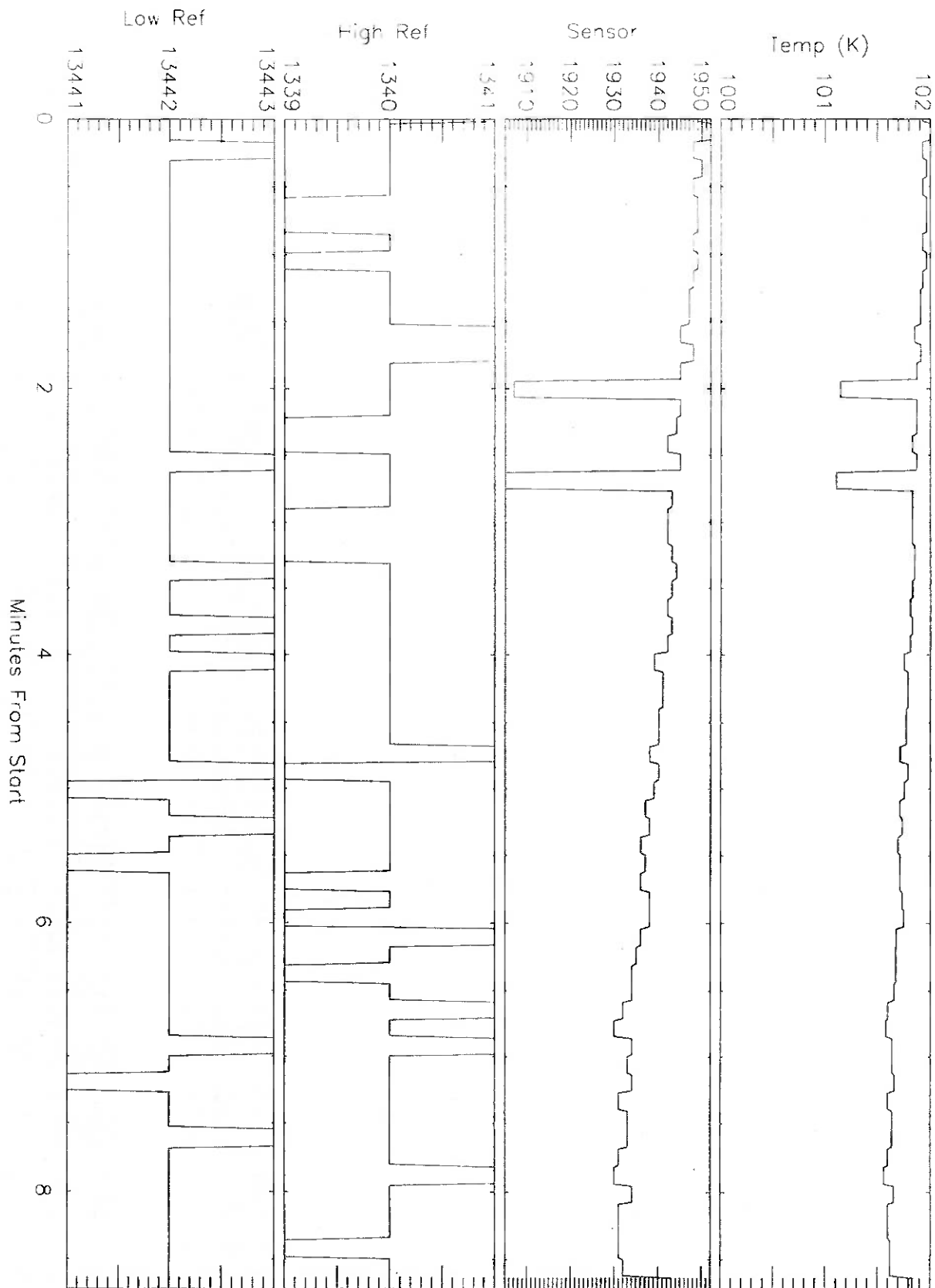
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TR_ENG_DETECTOR}
K
Time
days

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[illegible]

IR_ENG_DETECTOR4 [detector 4 (eng_dato)]
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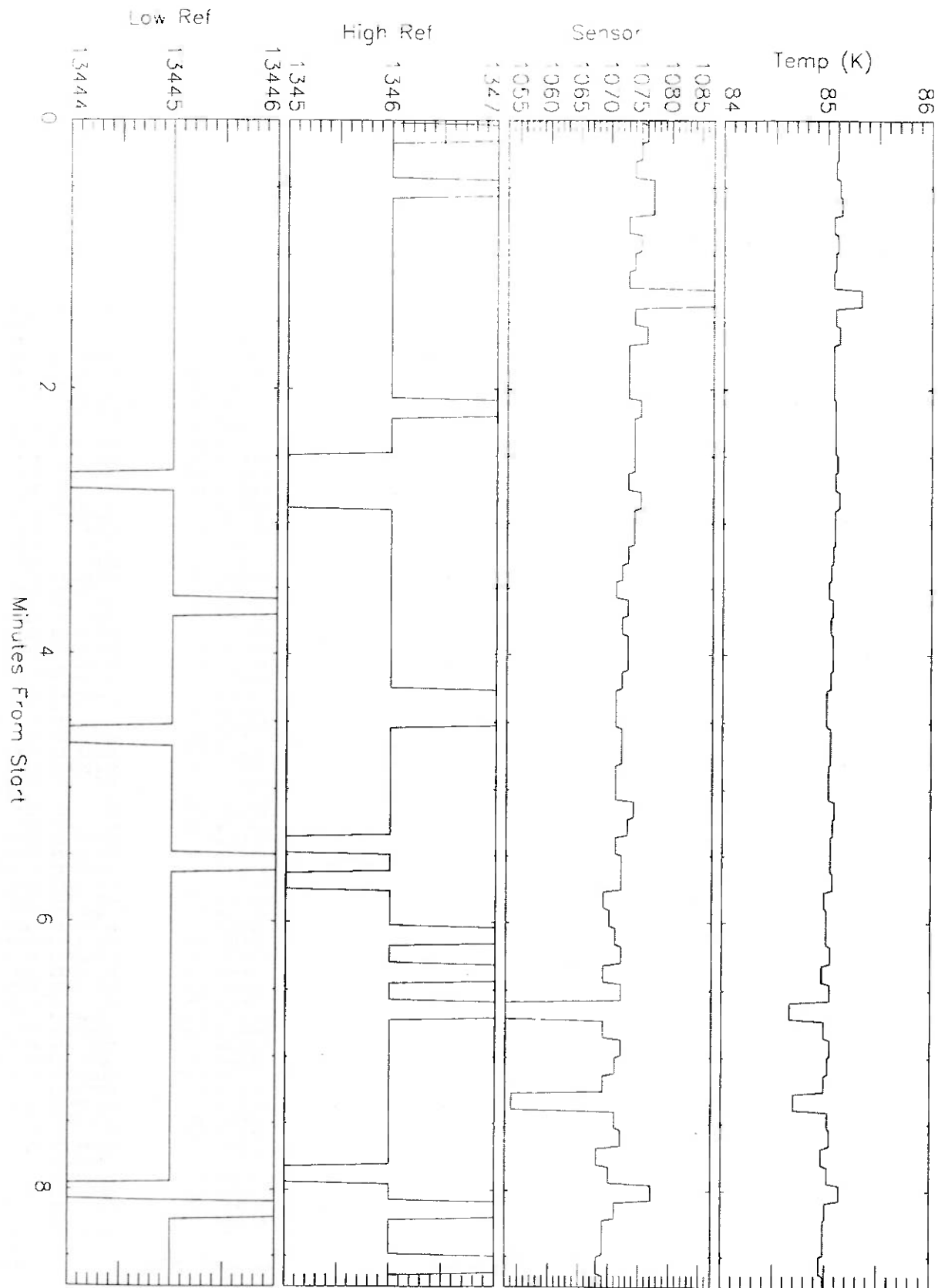


Telemetry point TR_ENG_DETECTOR4, detector 4 (eng_data)

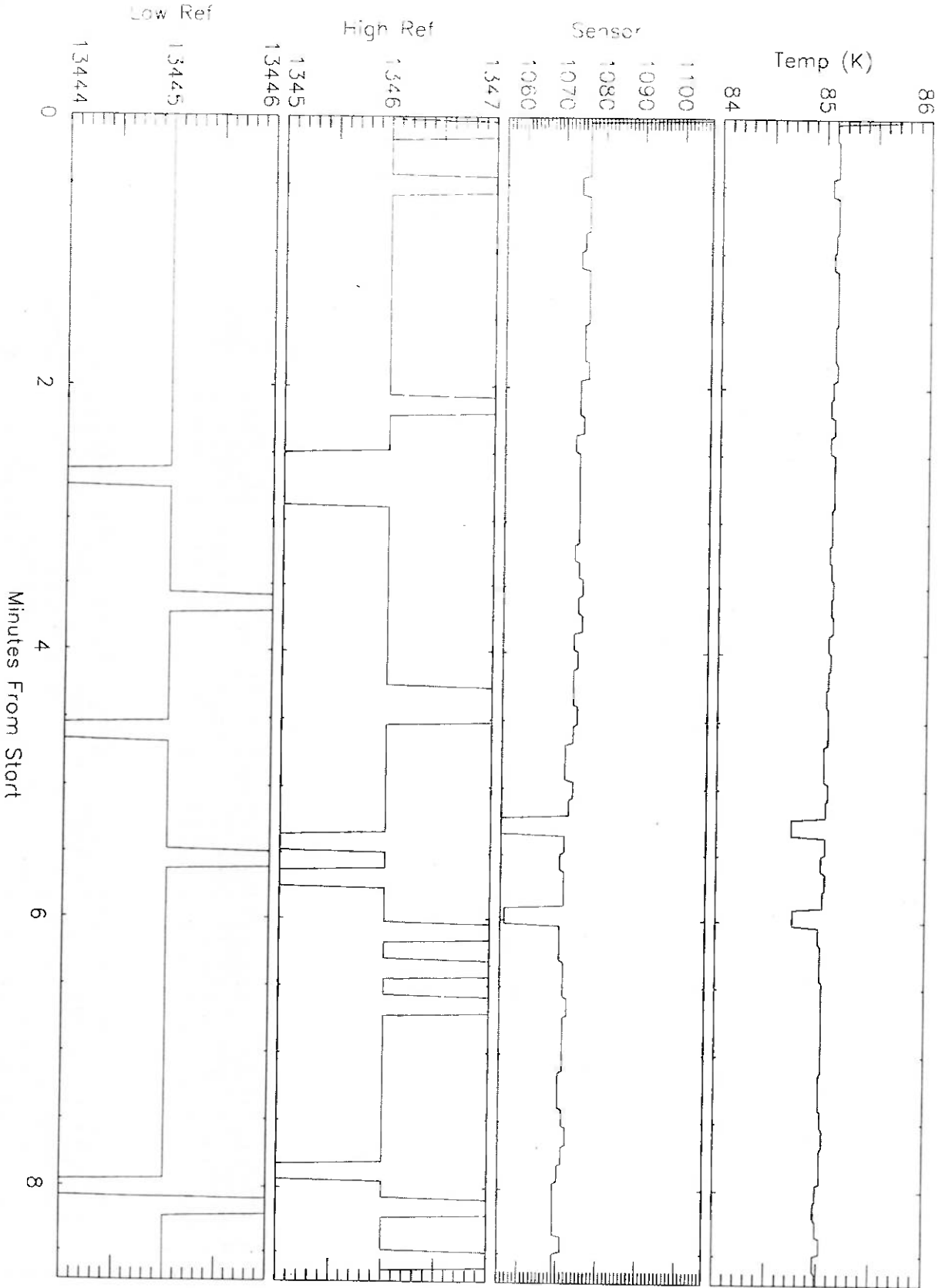
Time
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TR_ENG_DETECTOR5 [detector 5 (eng_data)]
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IR_ENG_DETECTOR6 [detector 6 (eng-data)]
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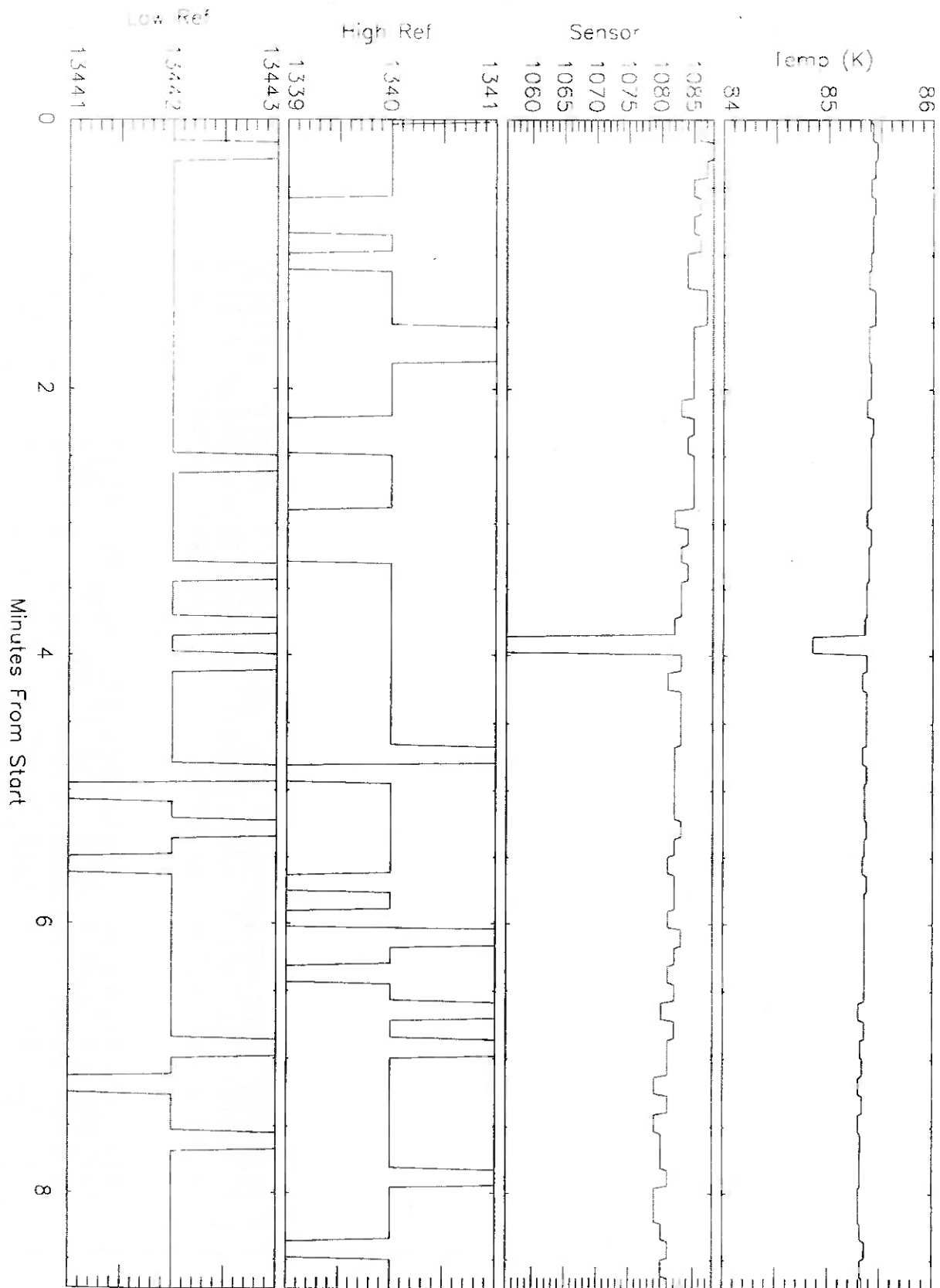


Telemetry point TR_ENG_DETECTOR6, detector 6 (eng_data)

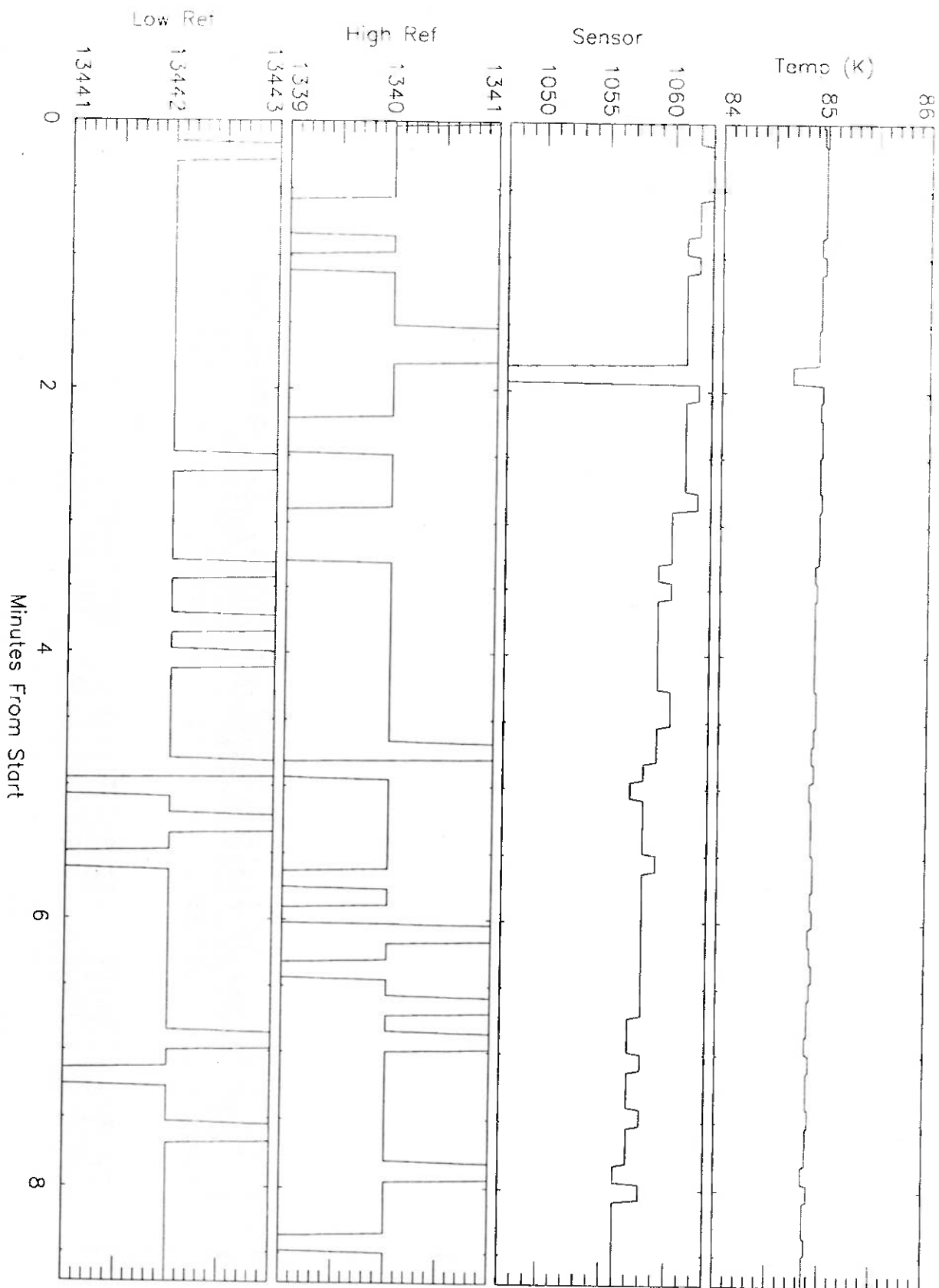
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TR_ENG_DETECTOR7 [detector 7 (eng_dato)]
Start : 1997-08-16T15:00:00.304000Z



TR_ENG_DETECTOR8 [detector 8 (eng_data)]
Start : 1997-08-16T15:00:00.304000Z

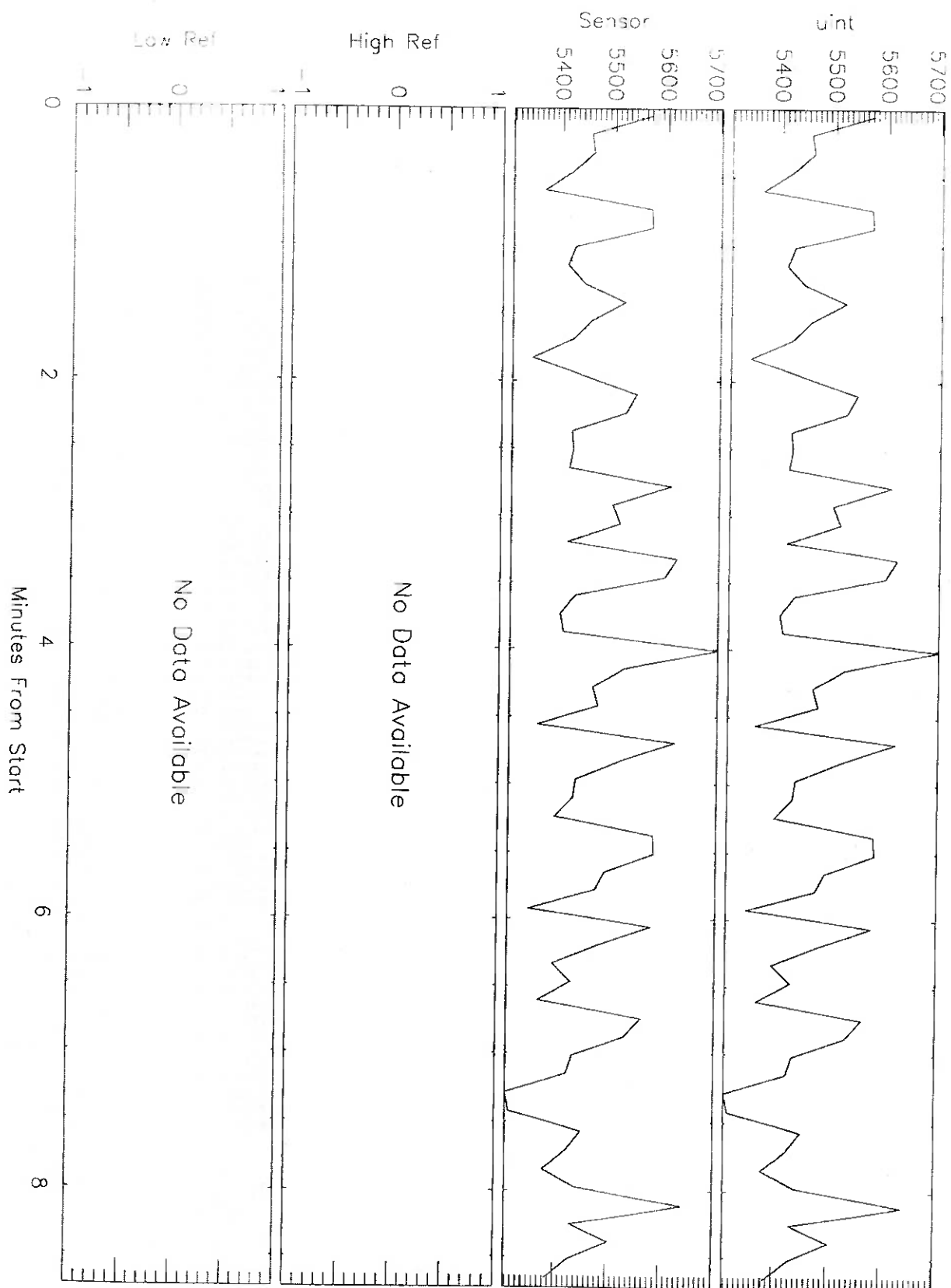


Telemetry point TR_ENG_DETECTOR8, detector 8 (eng_data)

Time
days
14472 62507466
TR_ENG_DETECTOR8
K
84 966781

[illegible]

IR_SCAN1_MTR [scan motor #1 current]
Start : 1997-08-16T15:00:00.304000Z



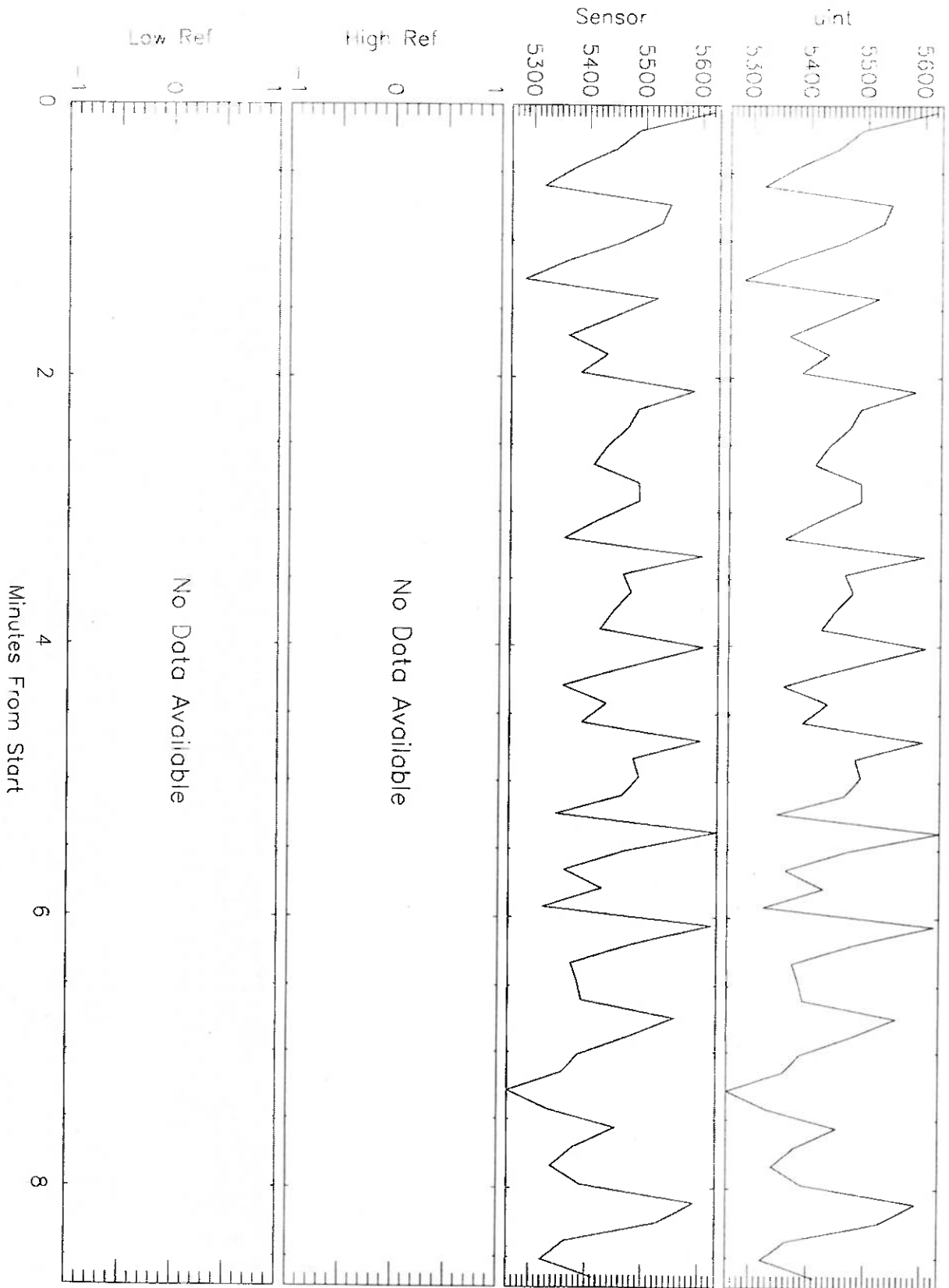
Telemetry point IR_SCAN1_MTR, scan motor #1 current

Time IR_SCAN1_MTR

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IR-SCAN2_MTR [scan motor #2 current]
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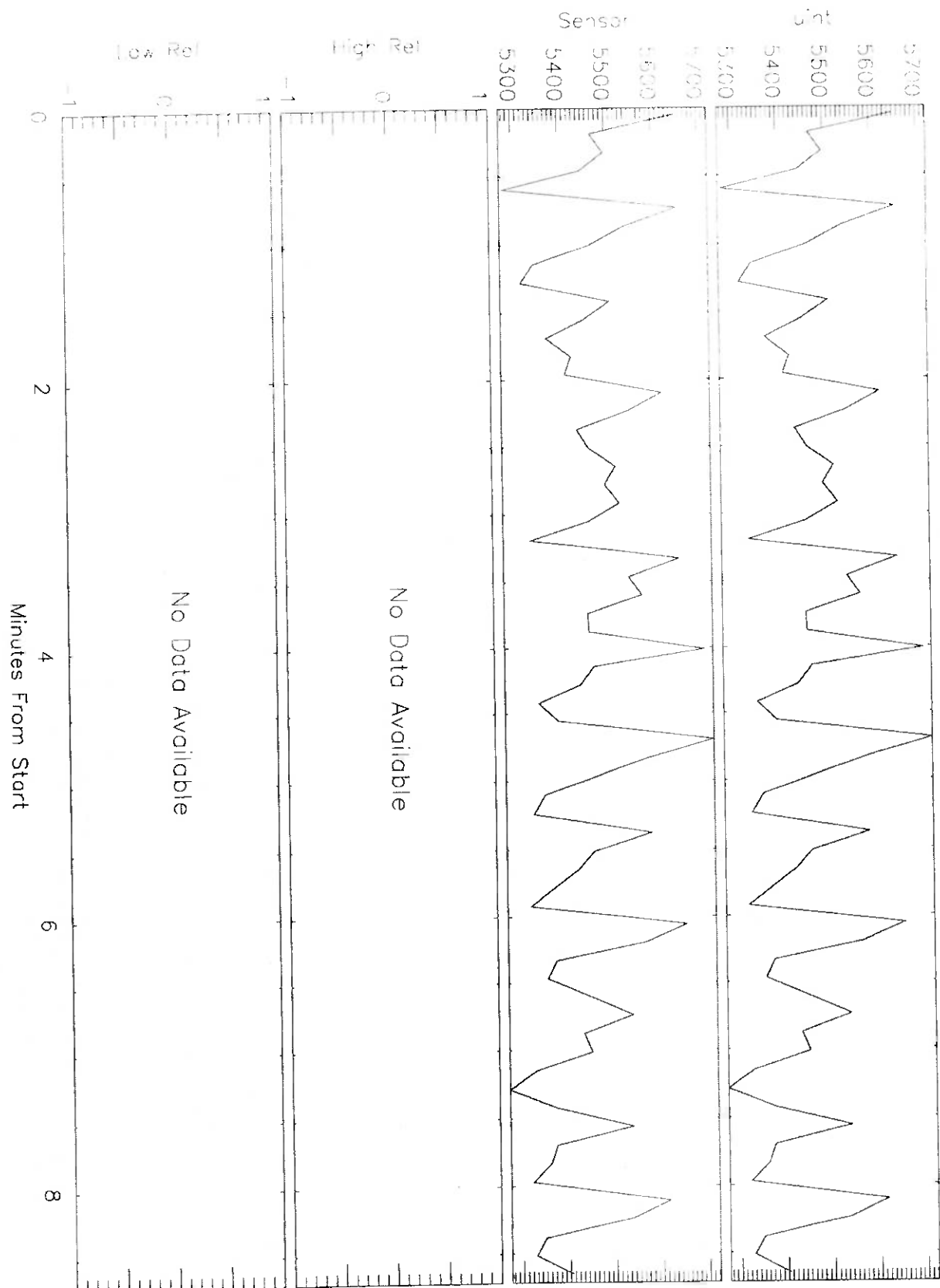


Telemetry point IR_SCAN2_MTR, scan motor #2 current

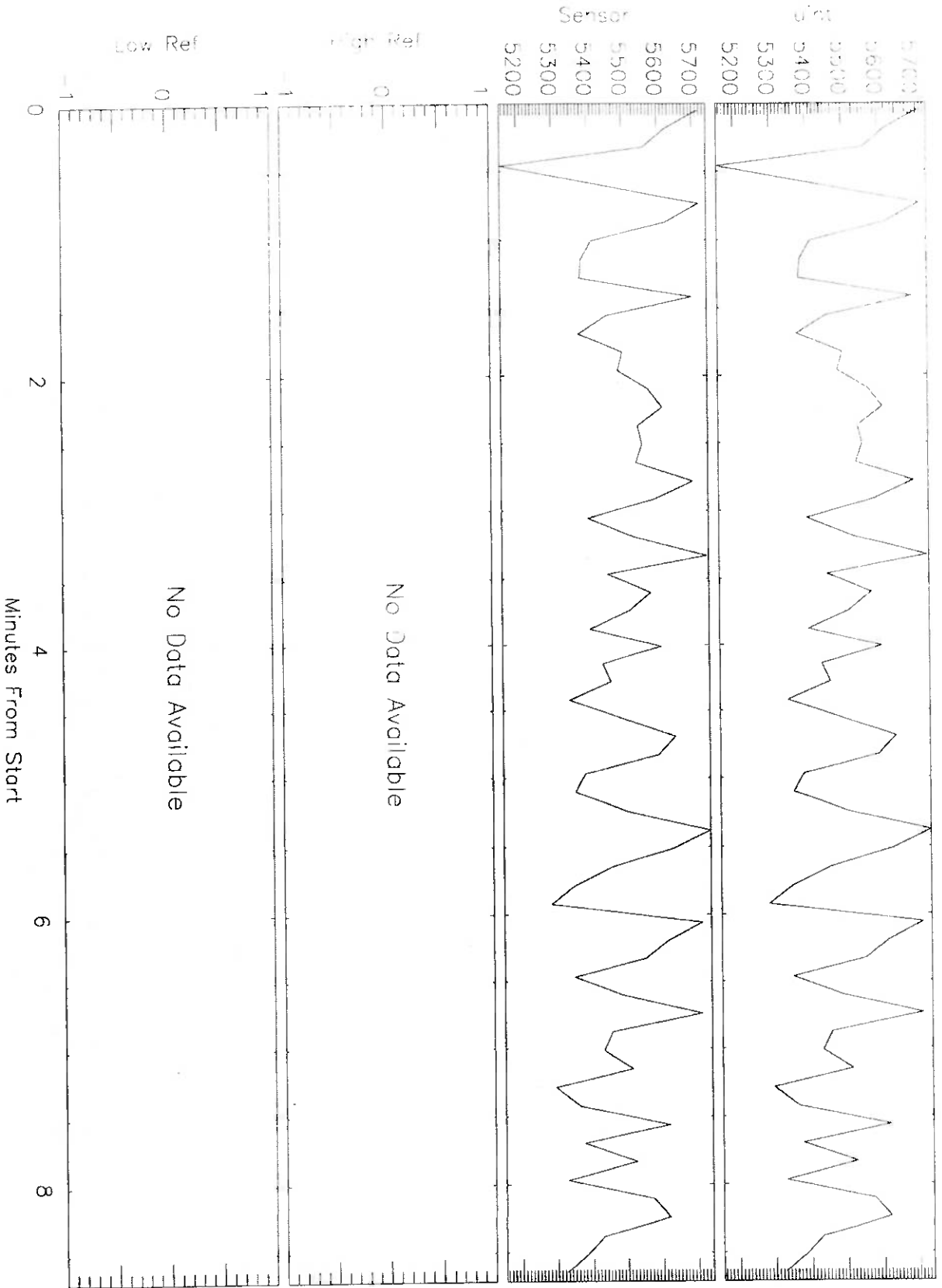
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IR_SCAN3_MTR [scan motor #3 current]
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IR_SCAN4_MTR [scan motor #4 current]
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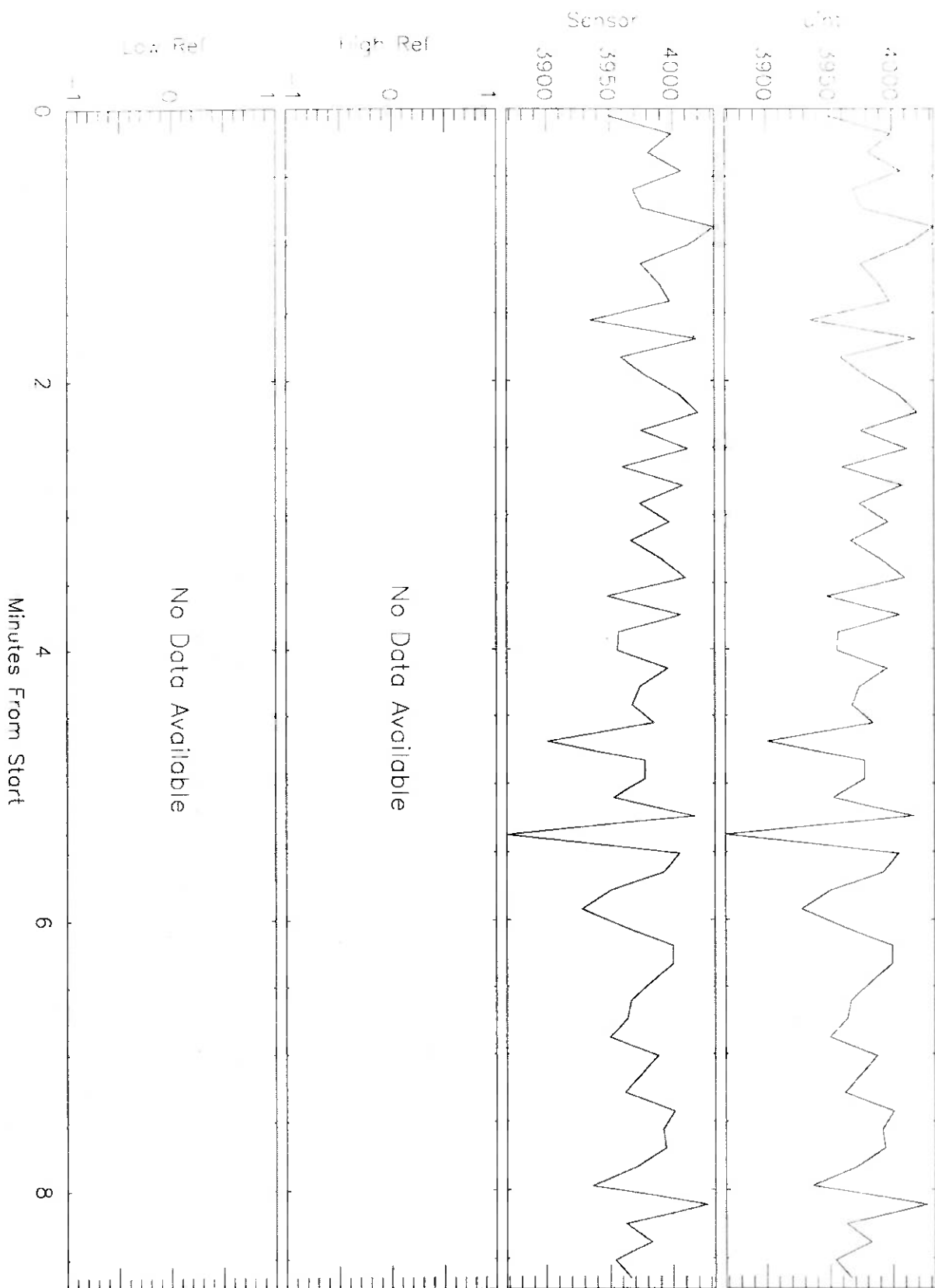


Telemetry point IR_SCAN4_MTR, scan motor #4 current

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IR_CHOP1_MTR [CHOP motor #1 current]
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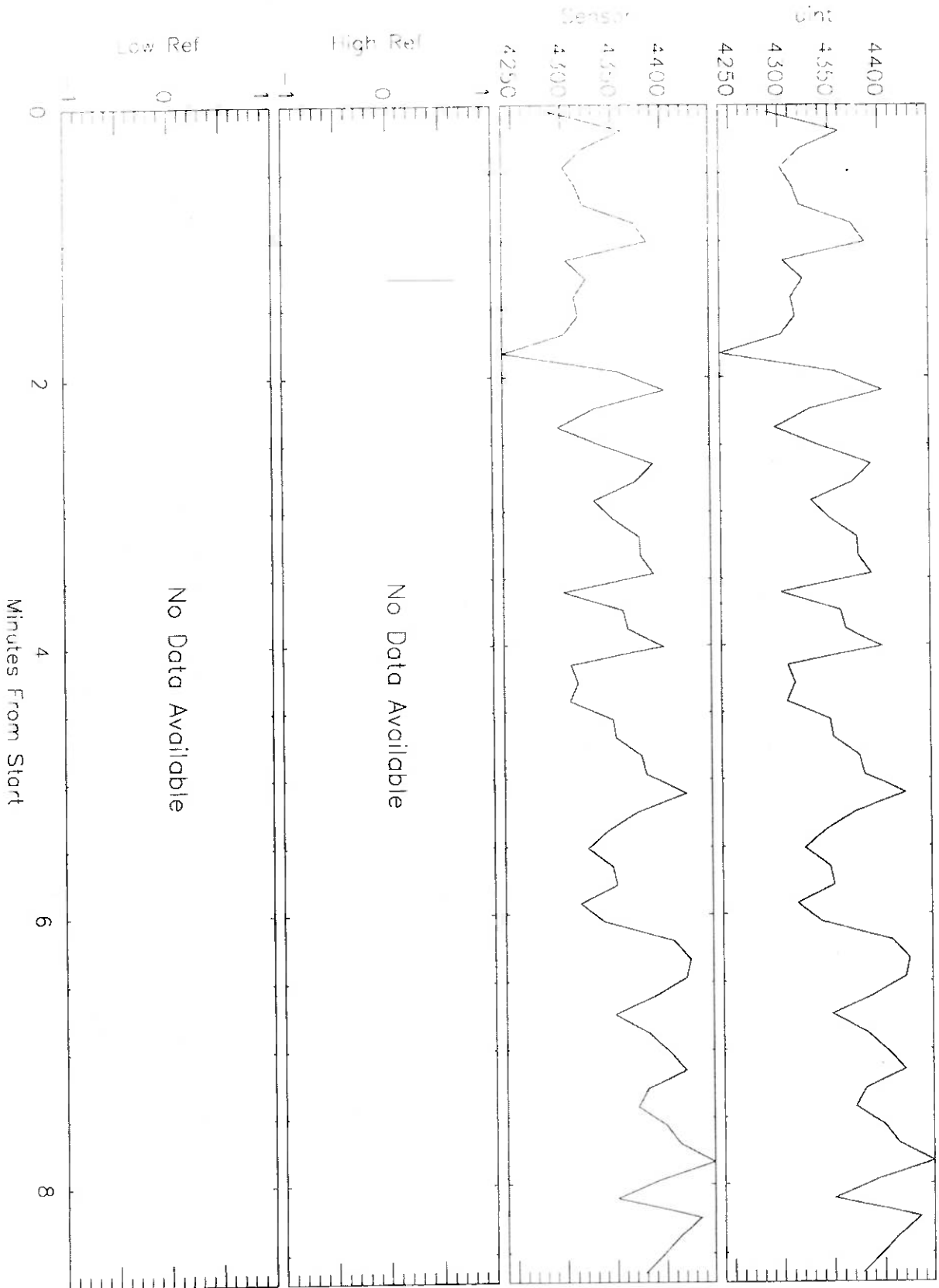


Telemetry point IR_CHOP1_MTR, CHOP motor #1 current

Time
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IR_CHOP2_MTR [CHOP motor #2 current]
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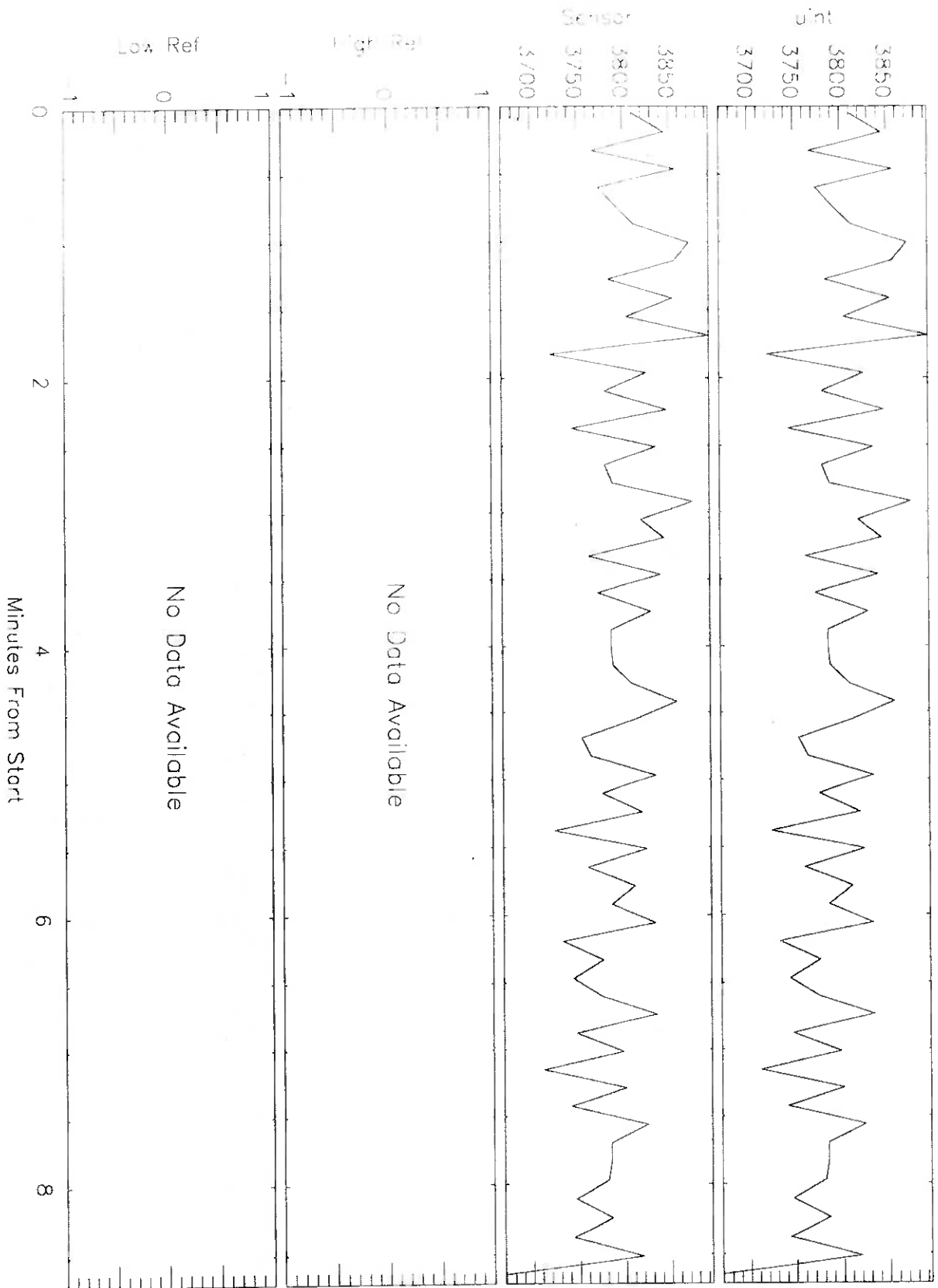


Telemetry point IR_CHOP2_MTR, CHOP motor #2 current

Time
days
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IR_CHOP3_MIR [CHOP motor #3 current]
Start : 1997-08-16T15:00:00.304000Z



IR_CHOP4_MTR [CHOP motor #4 current]
Start : 1997-08-16T15:00:00.304000Z

