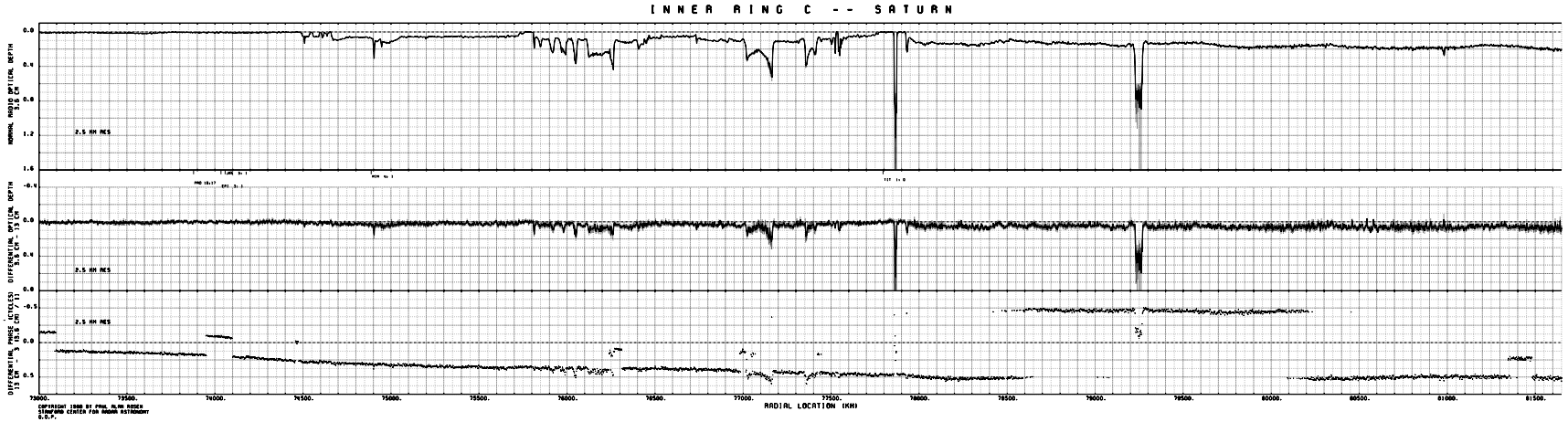
INNER RING C -- SATURN
NORMAL RADIO OPTICAL DEPTH
3.6 CM
2.5 KM RES
DIFFERENTIAL OPTICAL DEPTH
3.6 CM - 13 CM
2.5 KM RES
DIFFERENTIAL PHASE (CYCLES)
13 CM - 3.6 CM / 11
2.5 KM RES
RADIAL LOCATION (KM)
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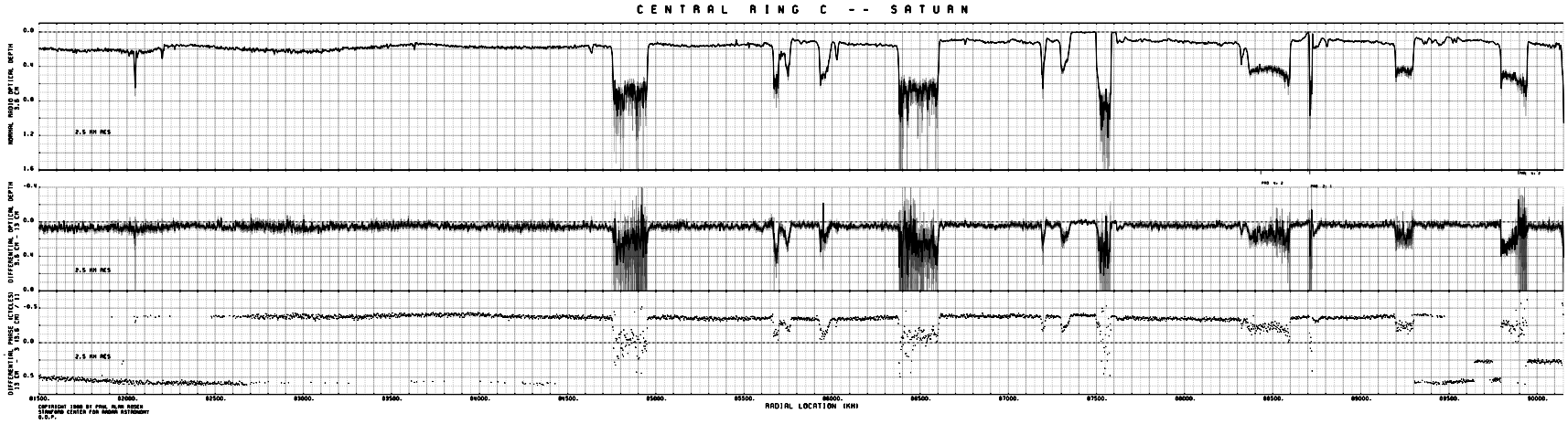
CENTRAL RING C -- SATURN
NORMAL RADIO OPTICAL DEPTH 3.6 CM
DIFFERENTIAL OPTICAL DEPTH 3.6 CM - 13 CM
DIFFERENTIAL PHASE (CYCLES) 13 CM - (3.6 CM / 11)
2.5 KM RES
2.5 KM RES
2.5 KM RES
81500.
82000.
82500.
83000.
83500.
84000.
84500.
85000.
85500.
86000.
86500.
87000.
87500.
88000.
88500.
89000.
89500.
90000.
RADIAL LOCATION (KM)
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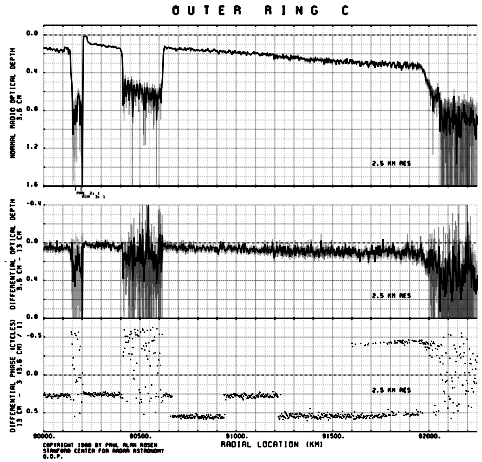
OUTER RING C
NORMAL RADIO OPTICAL DEPTH 3.6 CM
0.0
0.4
0.8
1.2
1.6
2.5 KM RES
DIFFERENTIAL OPTICAL DEPTH 3.6 CM - 13 CM
-0.4
0.0
0.4
0.8
2.5 KM RES
DIFFERENTIAL PHASE (CYCLES) 13 CM - (3.6 CM / 11)
-0.5
0.0
0.5
2.5 KM RES
90000.
90500.
91000.
91500.
92000.
RADIAL LOCATION (KM)
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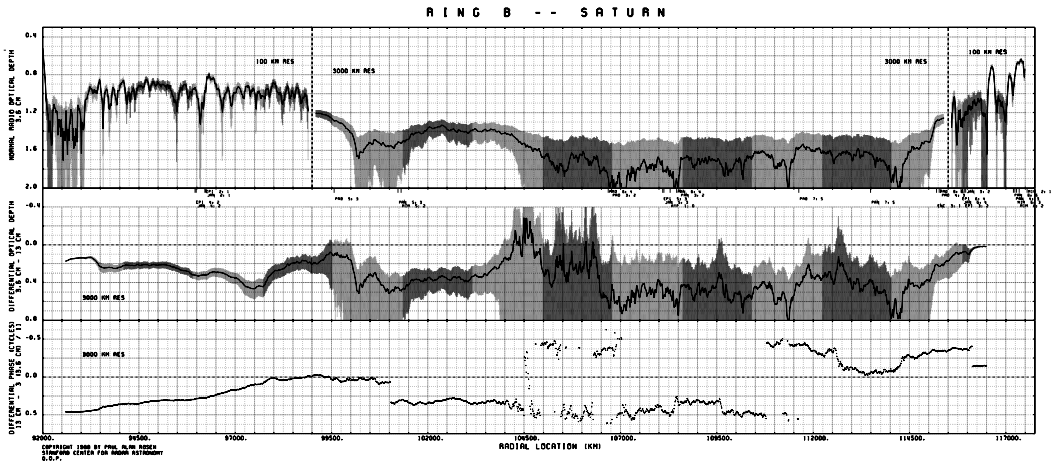
RING B -- SATURN
100 KM RES
3000 KM RES
3000 KM RES
100 KM RES
NORMAL RADIO OPTICAL DEPTH 3.6 CM
DIFFERENTIAL OPTICAL DEPTH 3.6 CM - 13 CM
3000 KM RES
DIFFERENTIAL PHASE (CYCLES) 13 CM - 10.6 CM / 11
3000 KM RES
92000.
94500.
97000.
99500.
102000.
104500.
107000.
109500.
112000.
114500.
117000.
RADIAL LOCATION (KM)
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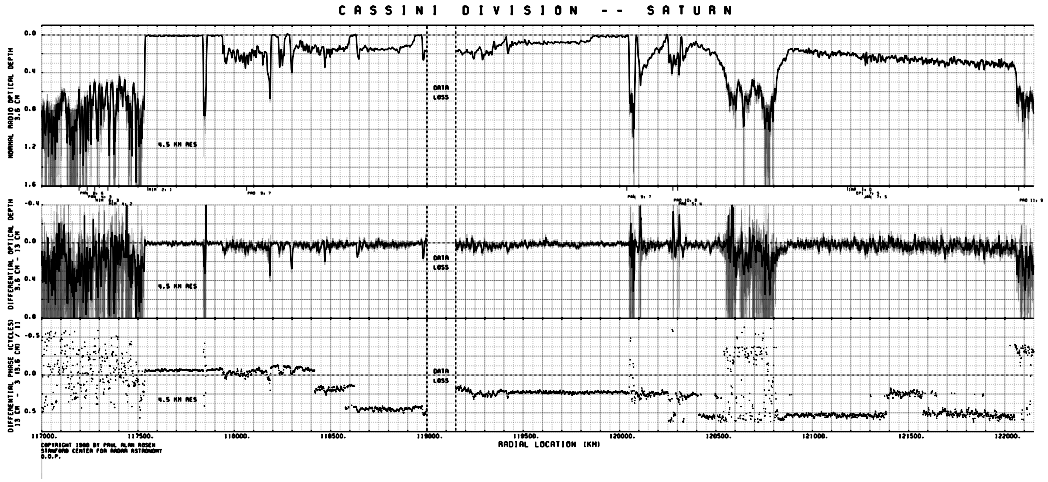
CASSINI DIVISION -- SATURN
NORMAL RADIO OPTICAL DEPTH
3.6 CM
DIFFERENTIAL OPTICAL DEPTH
3.6 CM - 13 CM
DIFFERENTIAL PHASE (CYCLES)
13 CM - (3.6 CM / 11)
4.5 KM RES
DATA LOSS
117000.
117500.
118000.
118500.
119000.
119500.
120000.
120500.
121000.
121500.
122000.
RADIAL LOCATION (KM)
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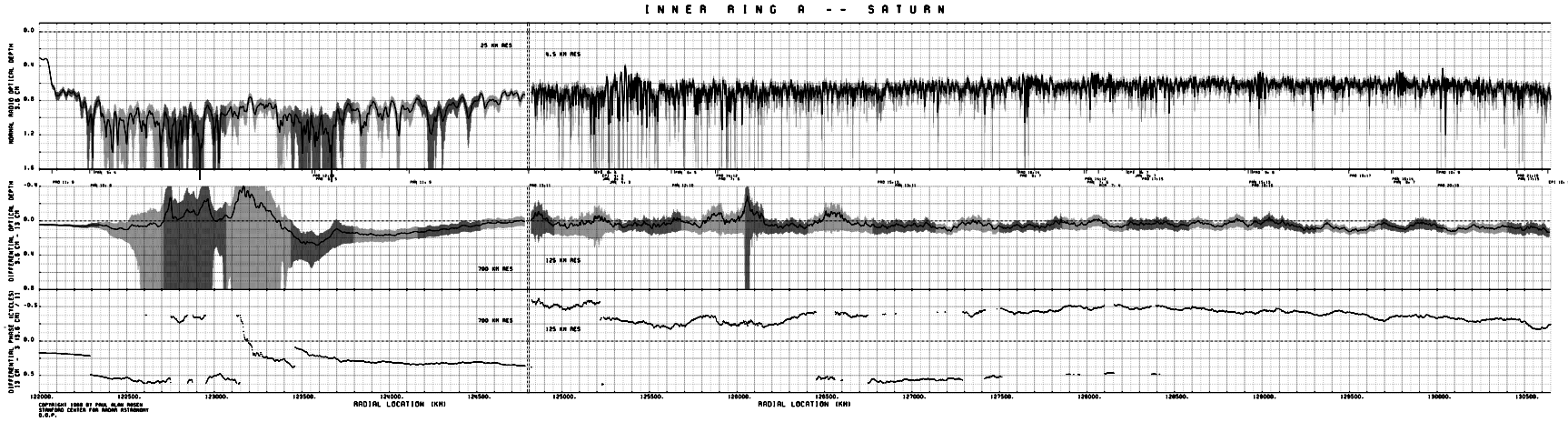
INNER RING A -- SATURN
NORMAL RADIO OPTICAL DEPTH
25 KM RES
0.5 KM RES
DIFFRACTION OPTICAL DEPTH
700 KM RES
125 KM RES
DIFFRACTION PHASE (CYCLES)
700 KM RES
125 KM RES
RADIAL LOCATION (KM)
RADIAL LOCATION (KM)
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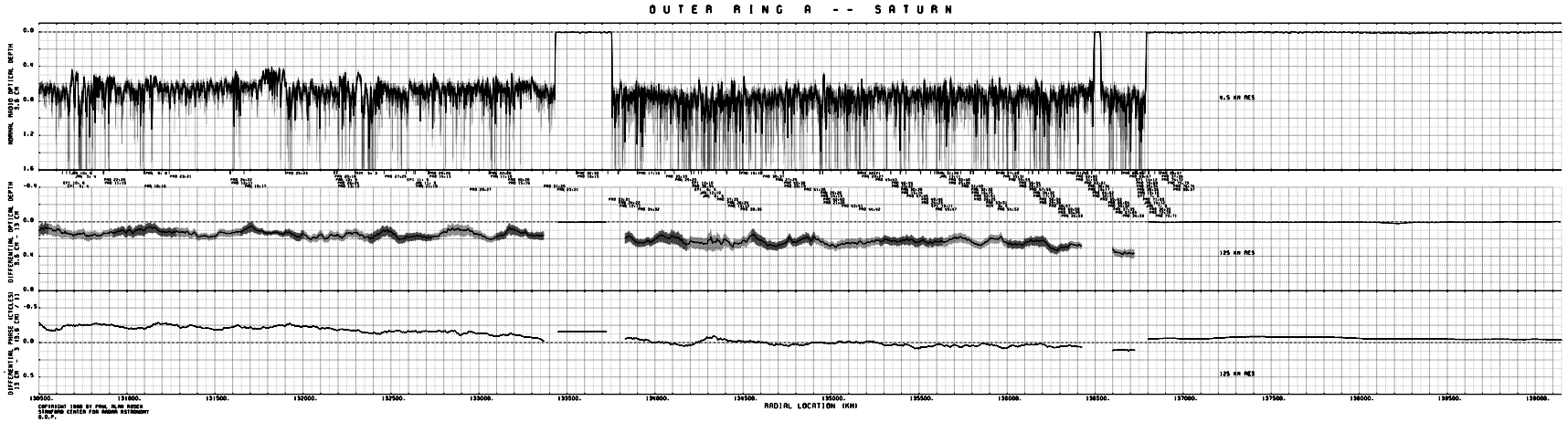
OUTER RING A -- SATURN
NORMAL RADIO OPTICAL DEPTH
5.6 CM
0.0
0.4
0.8
1.2
1.6
0.5 KM RES
DIFFERENTIAL OPTICAL DEPTH
5.6 CM - 13 CM
-0.4
0.0
0.4
0.8
1.25 KM RES
DIFFERENTIAL PHASE (CYCLES)
13 CM - 5.6 CM / 11
-1.0
-0.5
0.0
0.5
1.25 KM RES
130500.
131000.
131500.
132000.
132500.
133000.
133500.
134000.
134500.
135000.
135500.
136000.
136500.
137000.
137500.
138000.
138500.
139000.
RADIAL LOCATION (KM)
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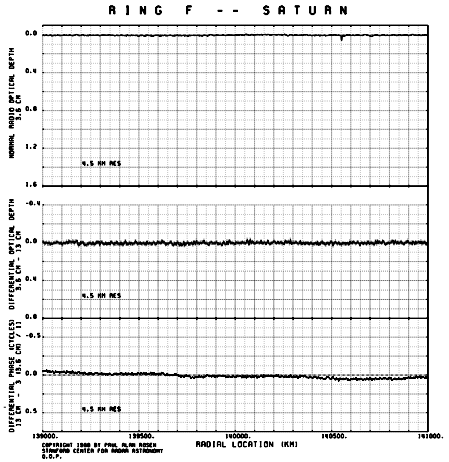
RING F -- SATURN
NORMAL RADIO OPTICAL DEPTH
3.6 CM
4.5 KM RES
DIFFERENTIAL OPTICAL DEPTH
3.6 CM - 13 CM
4.5 KM RES
DIFFERENTIAL PHASE (CYCLES)
13 CM - 3.6 CM / 11
4.5 KM RES
139000.
139500.
140000.
140500.
141000.
RADIAL LOCATION (KM)
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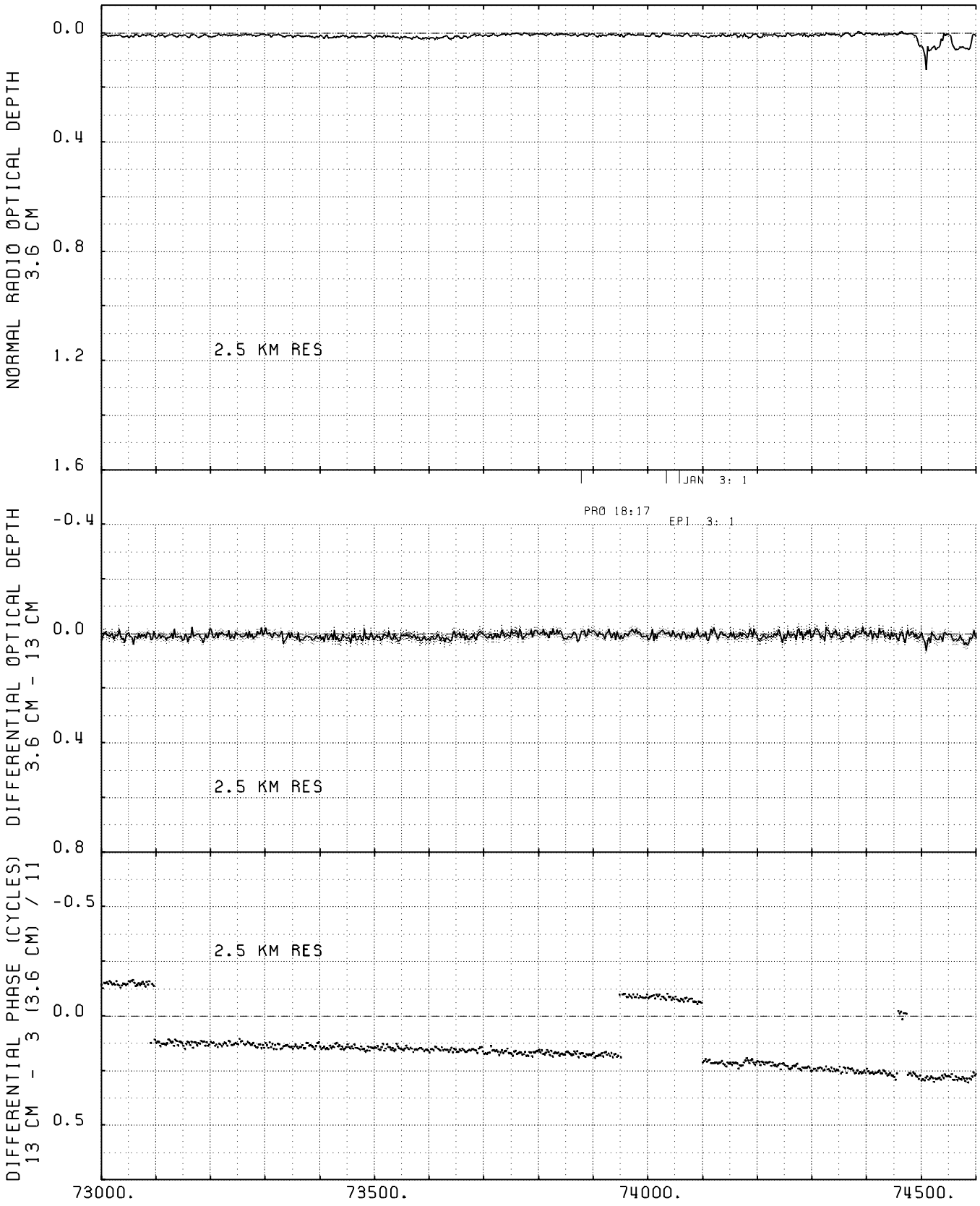

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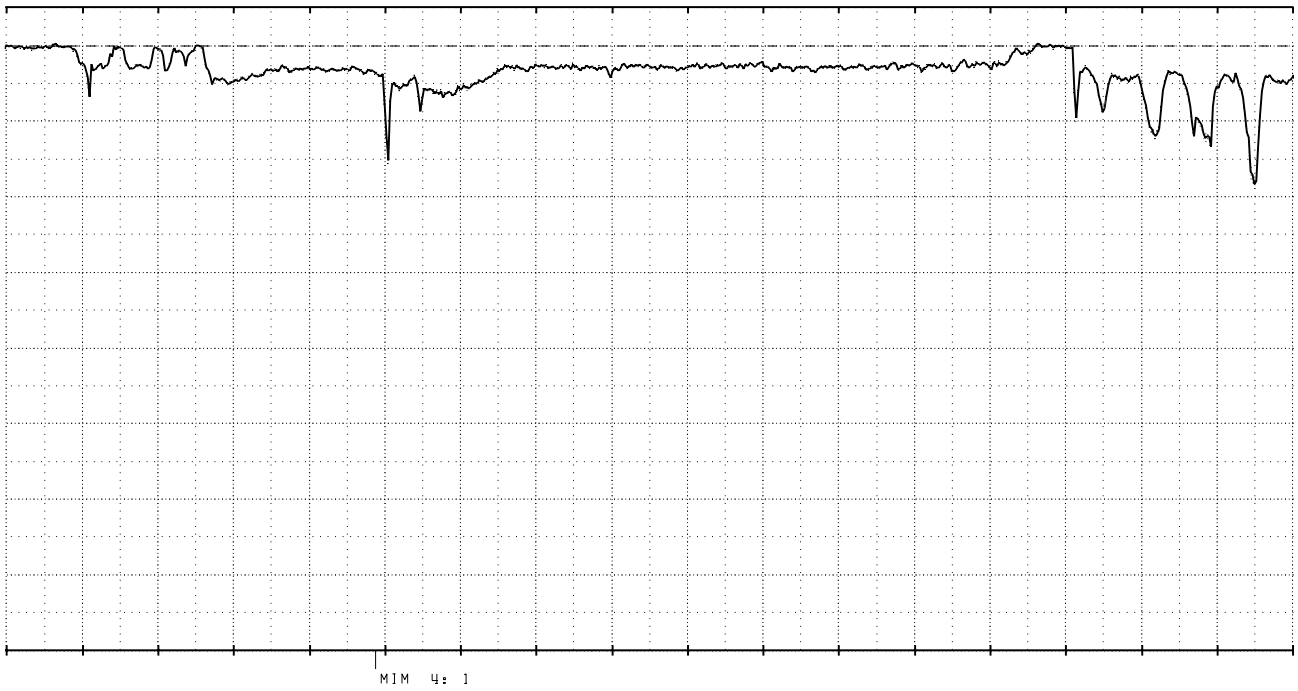
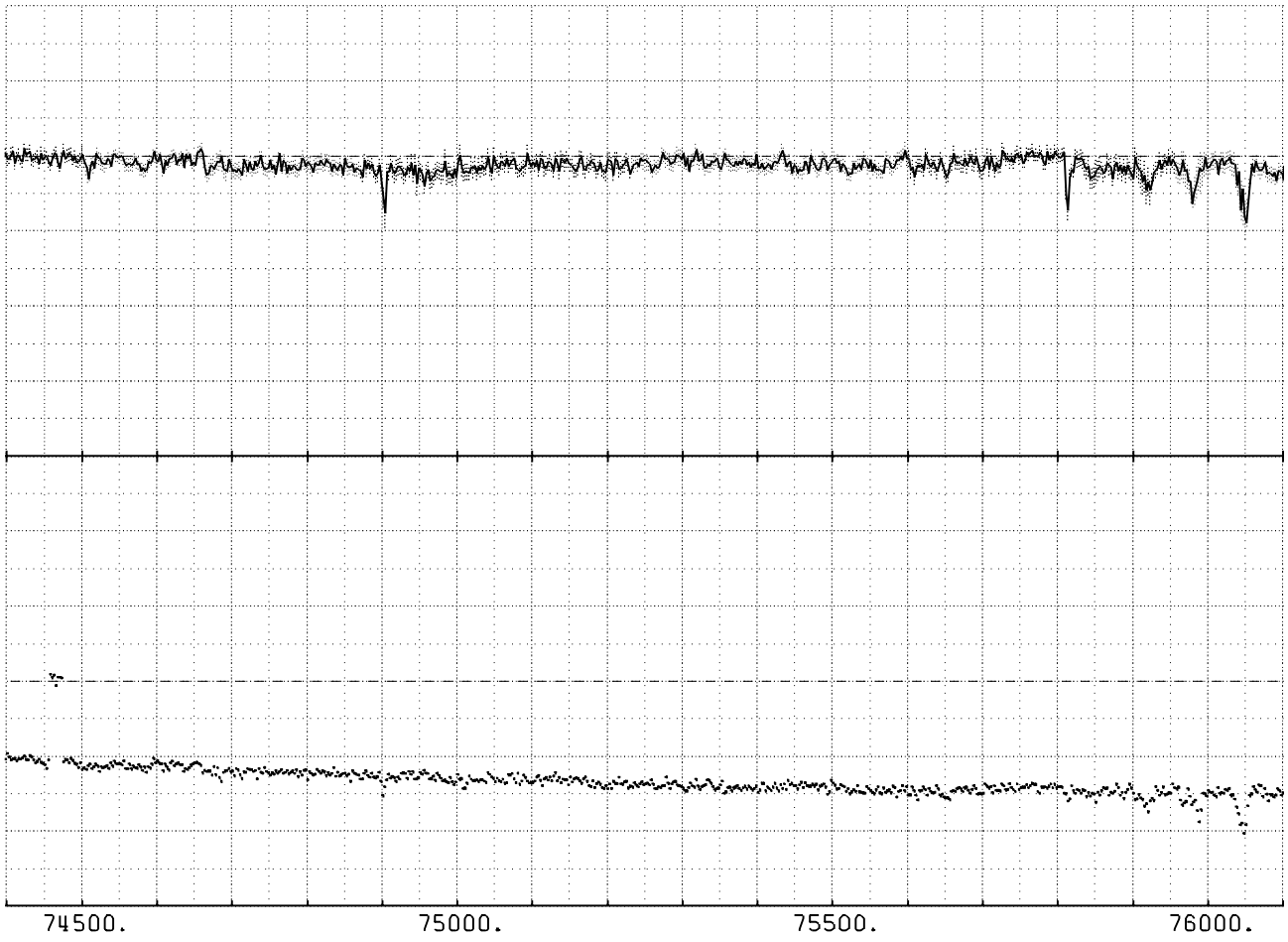
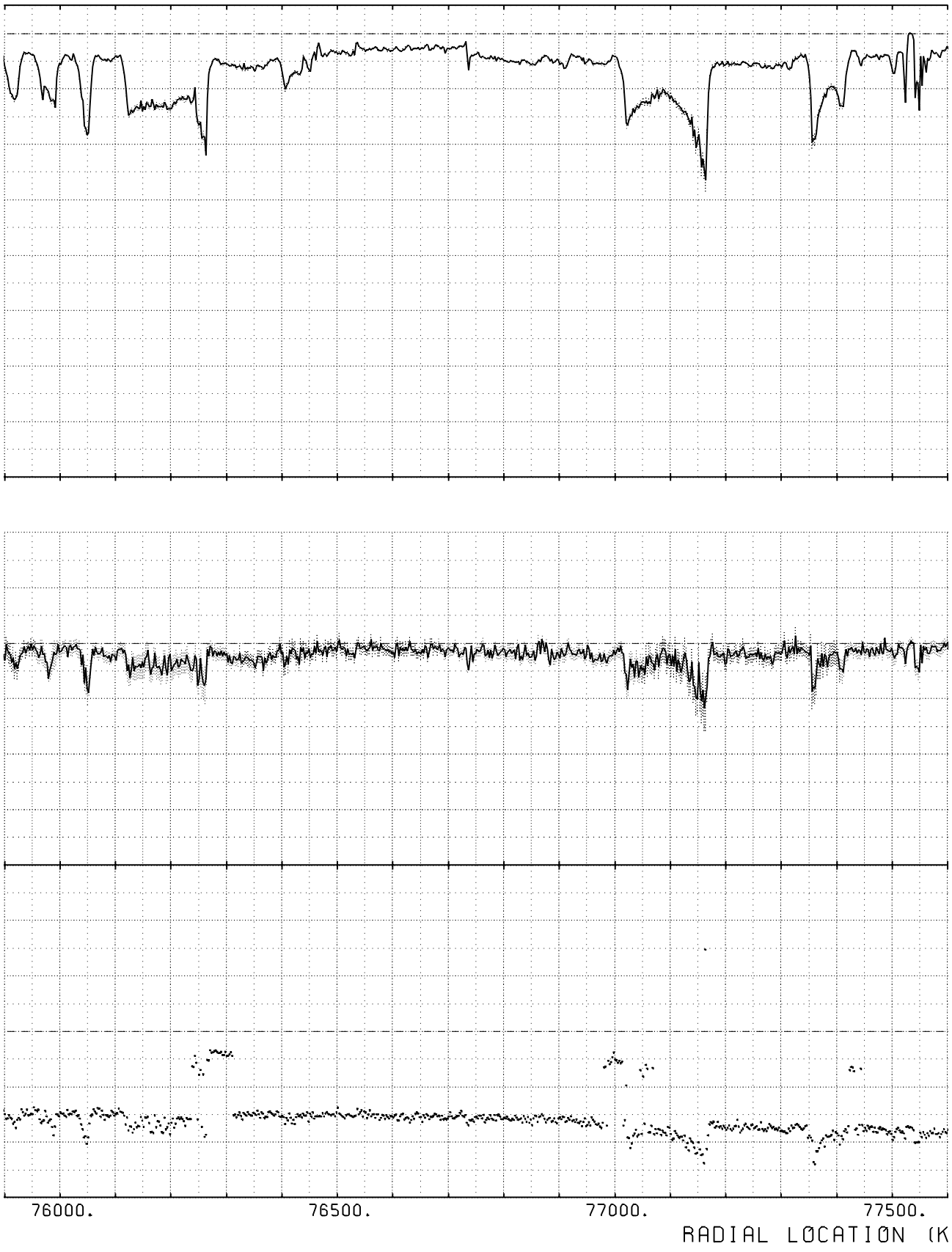
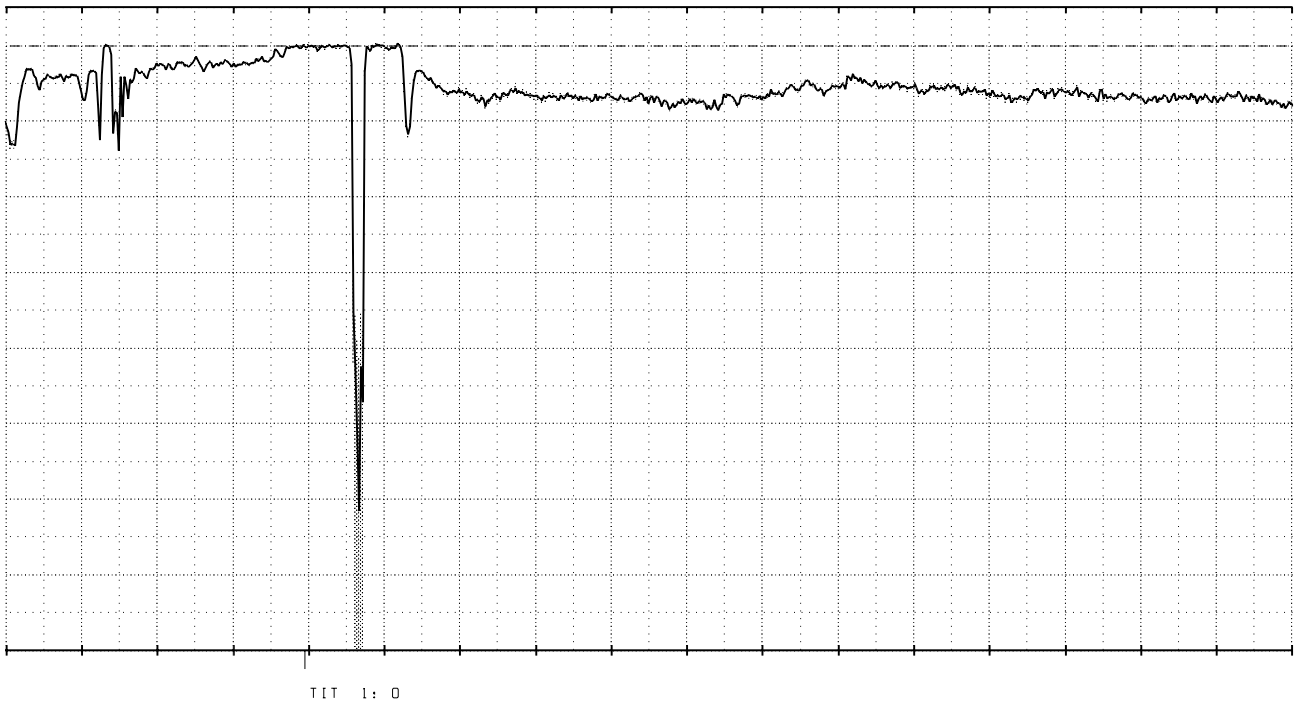

MIM 4: 1


74500.
75000.
75500.
76000.


I N N E R R I N G C - -
76000.
76500.
77000.
77500.
RADIAL LOCATION (K

- - S A T U R N



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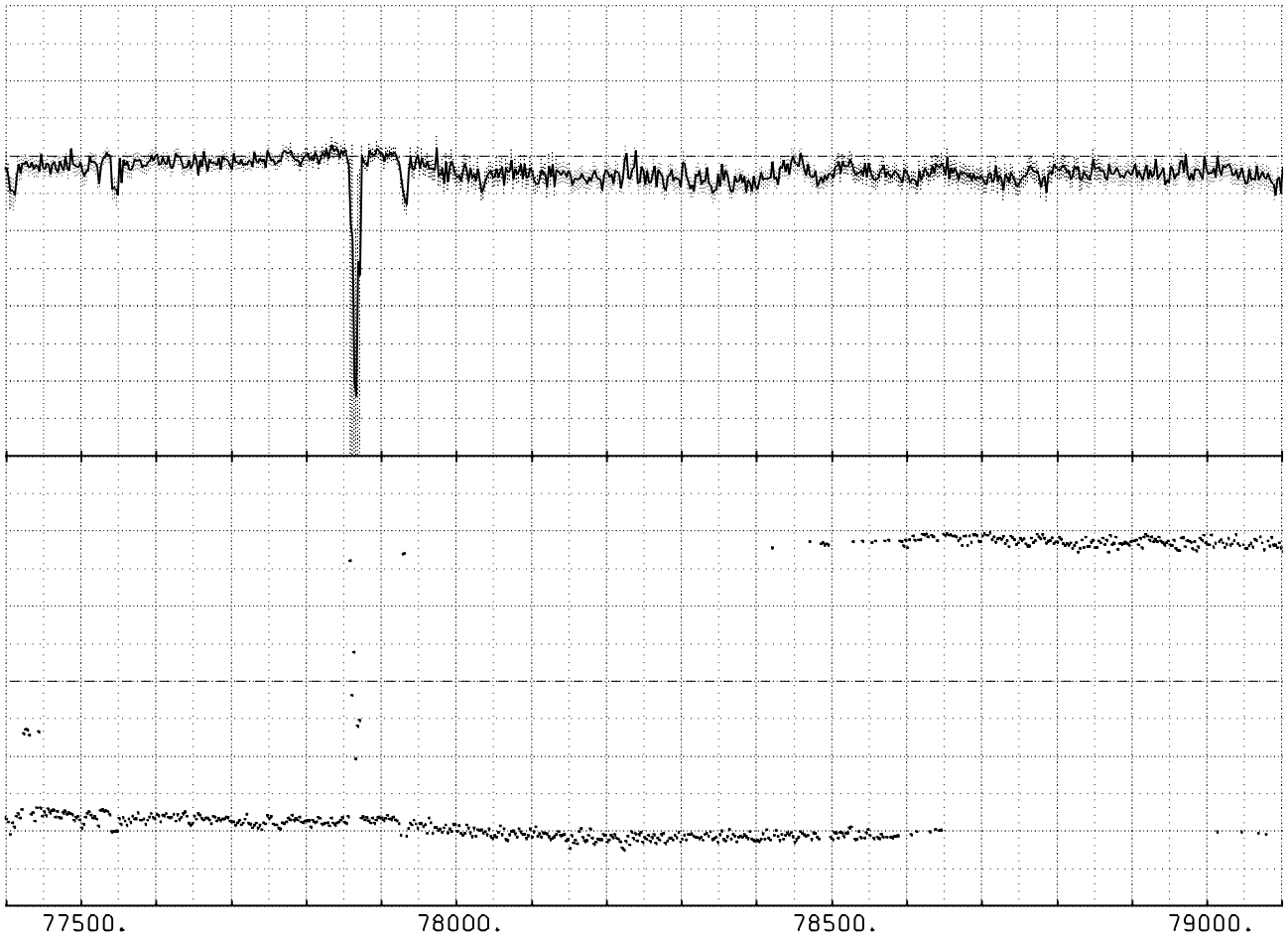
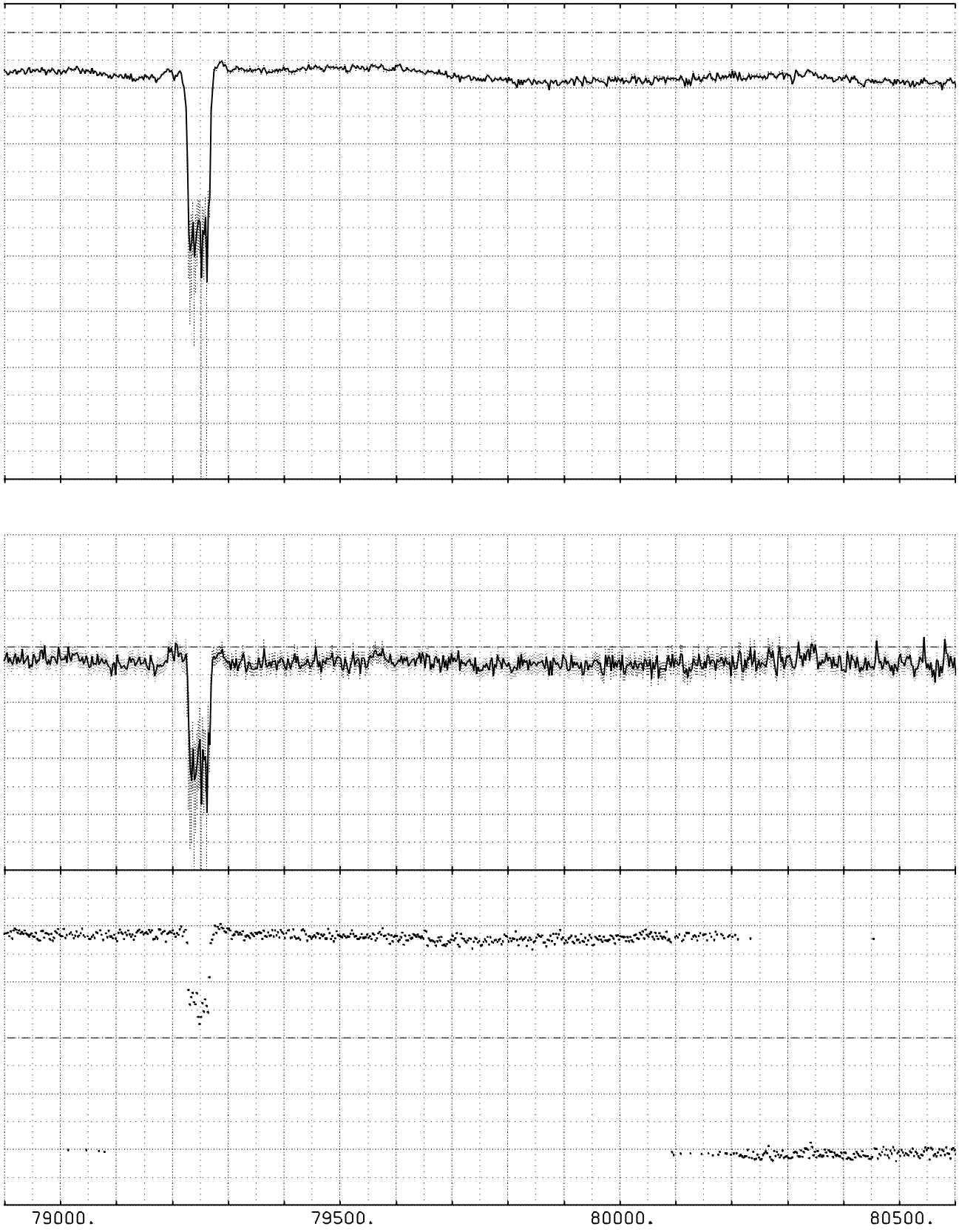
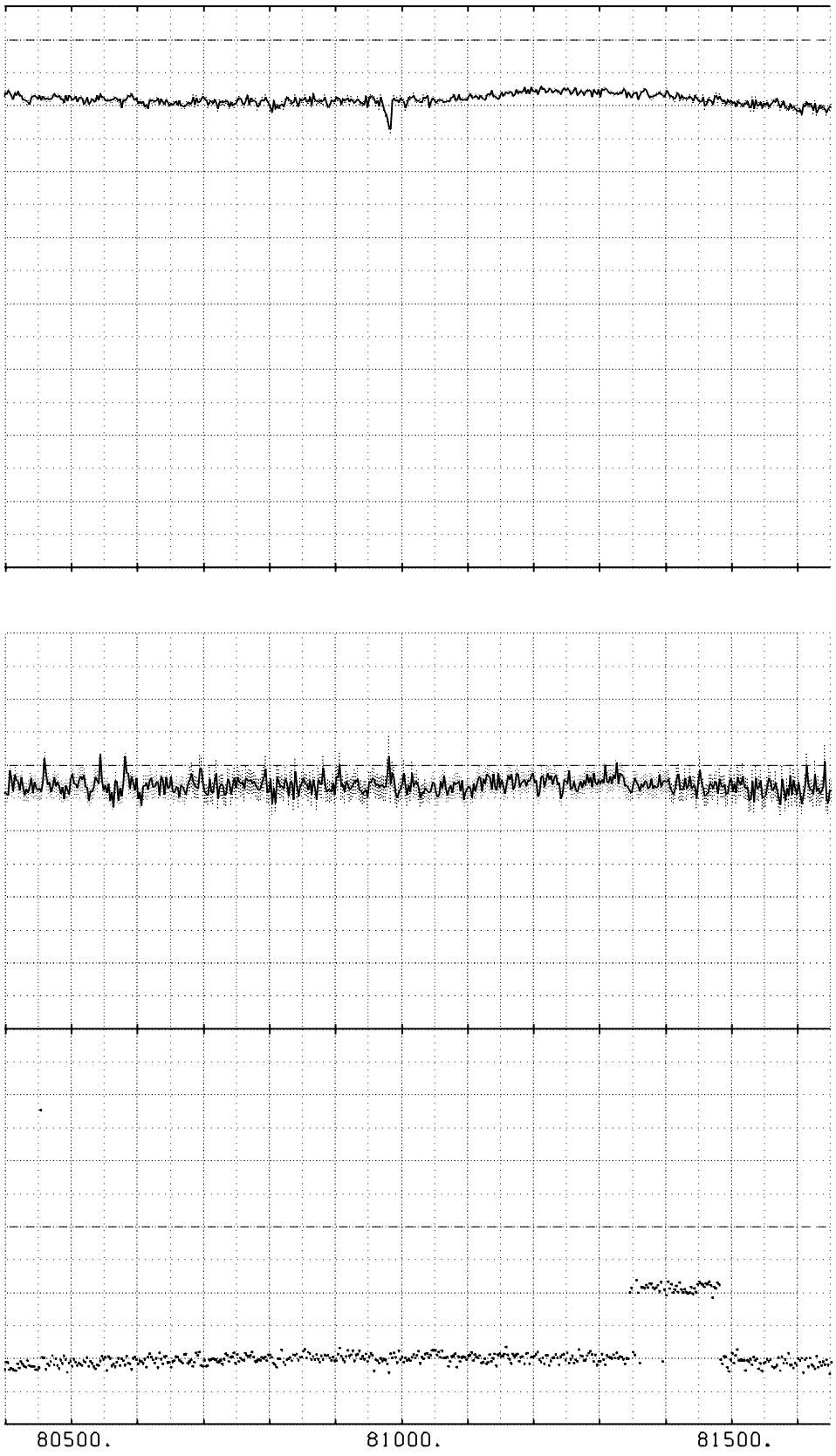
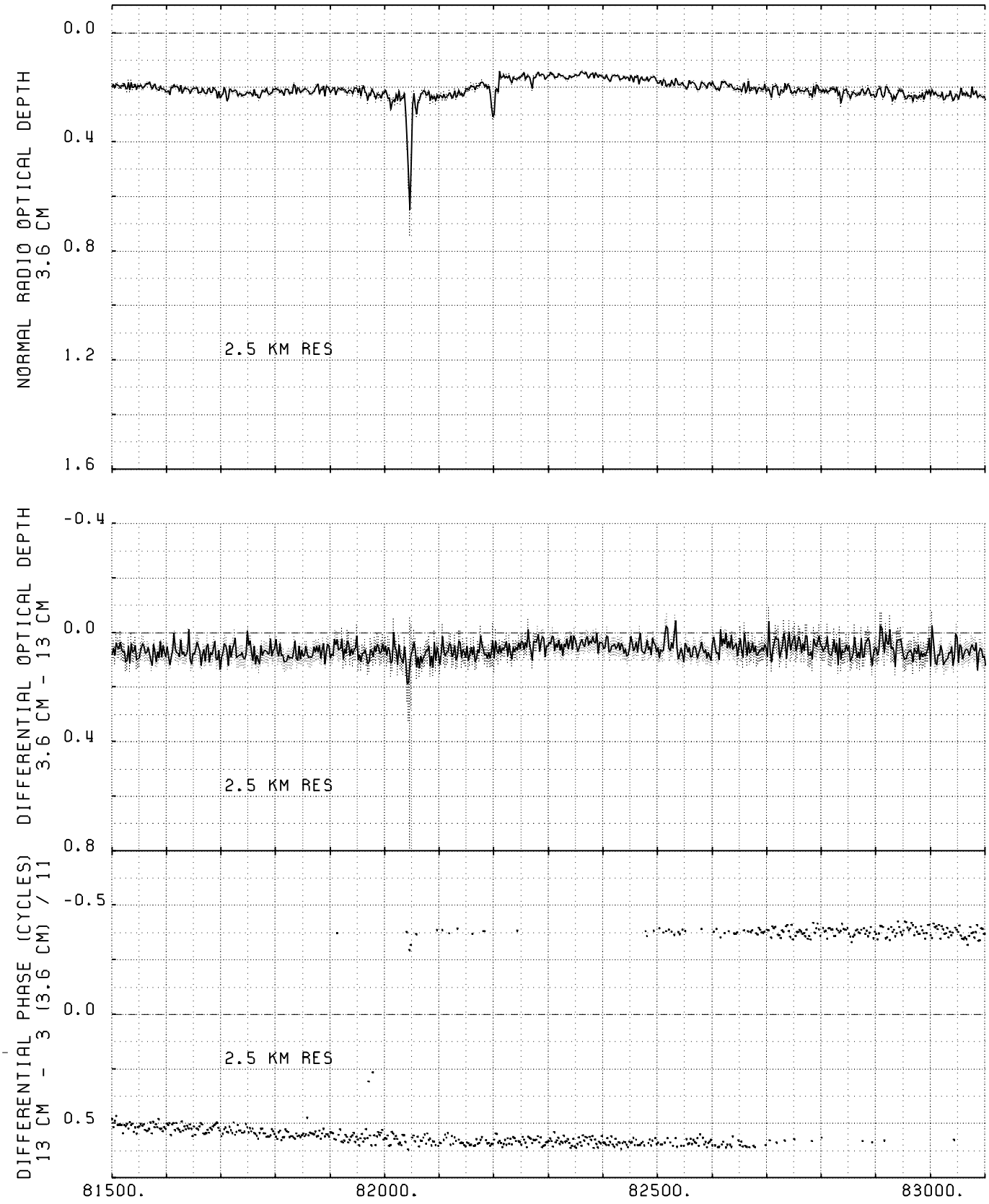


ATION (KM)


79000.
79500.
80000.
80500.


80500.
81000.
81500.



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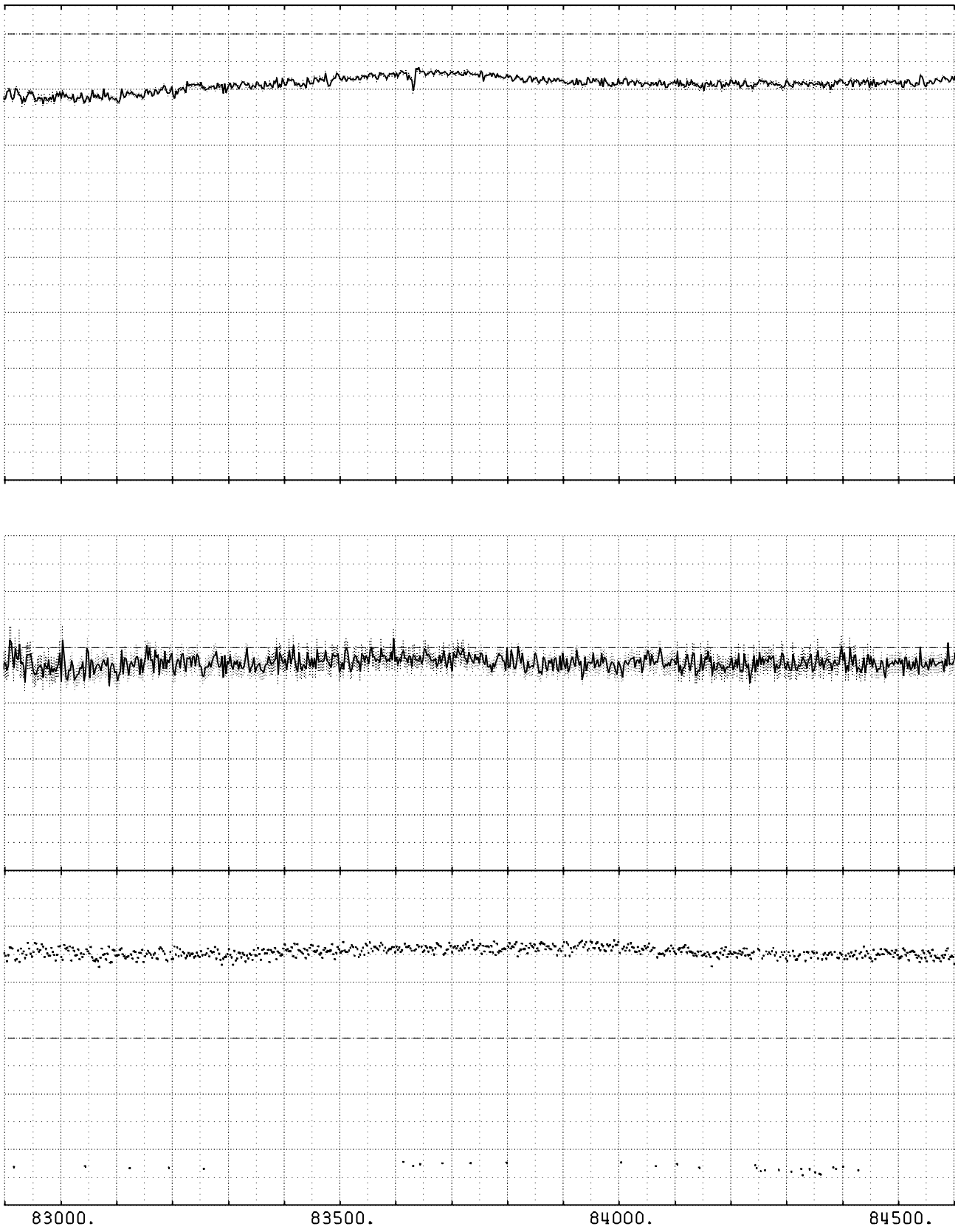
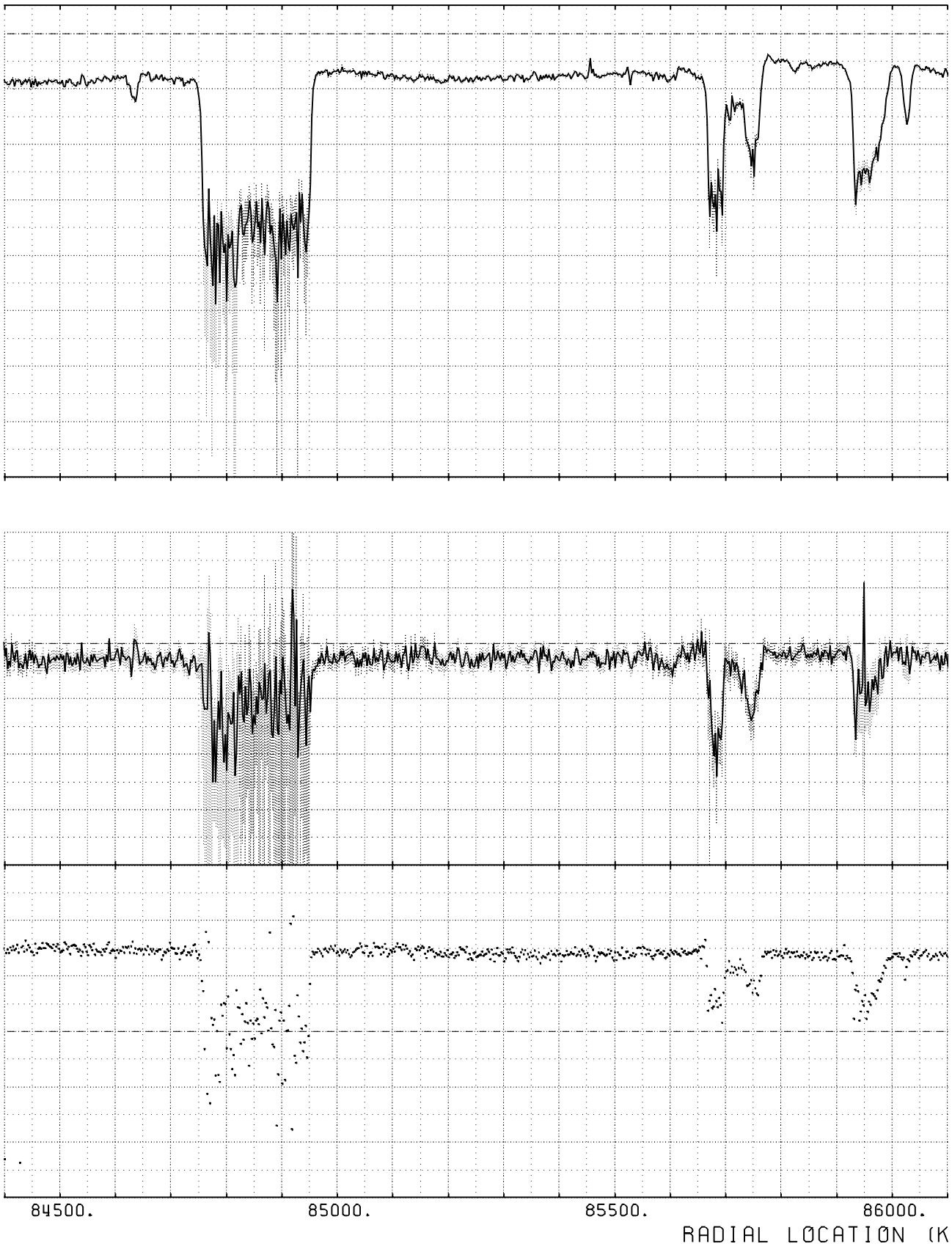
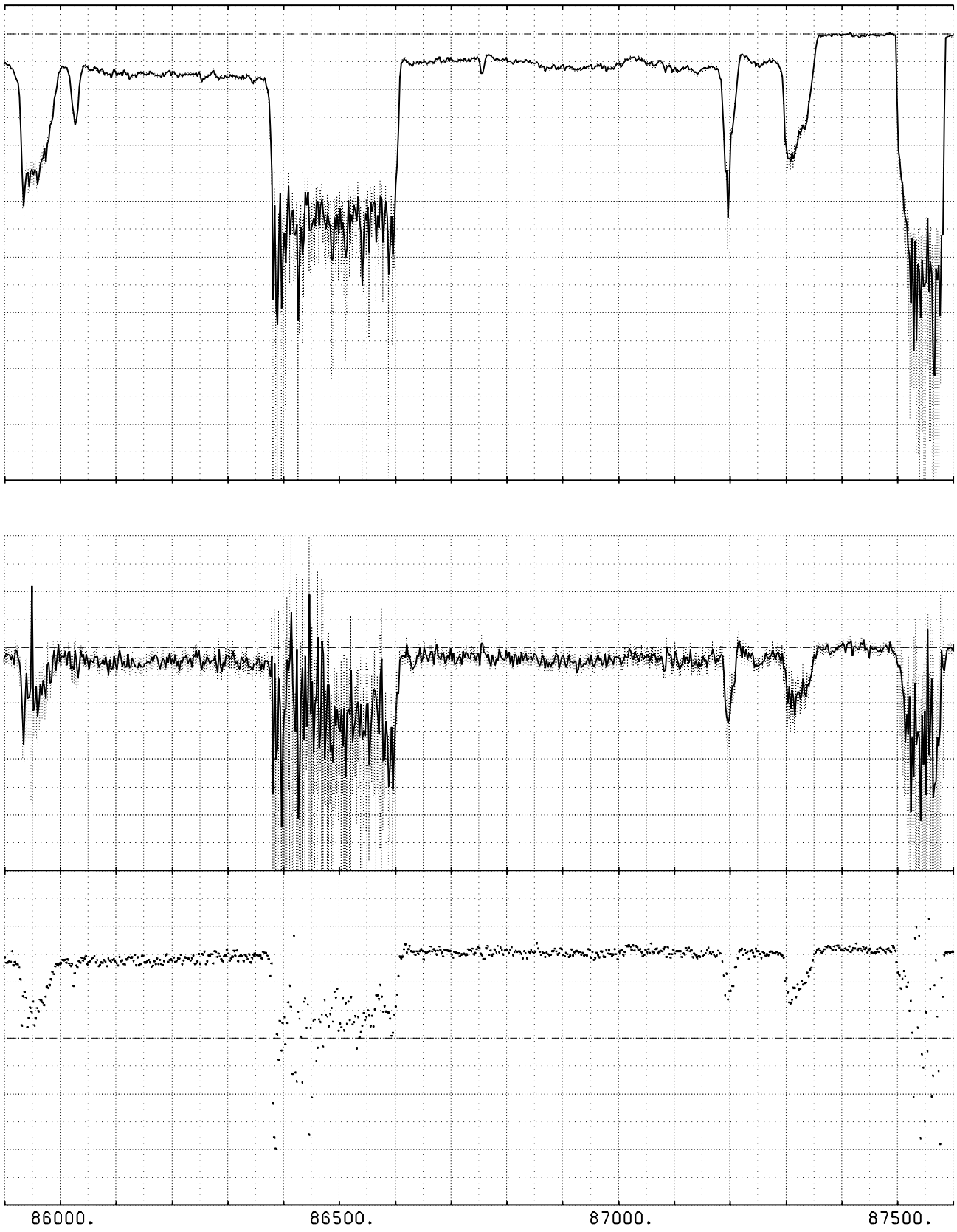
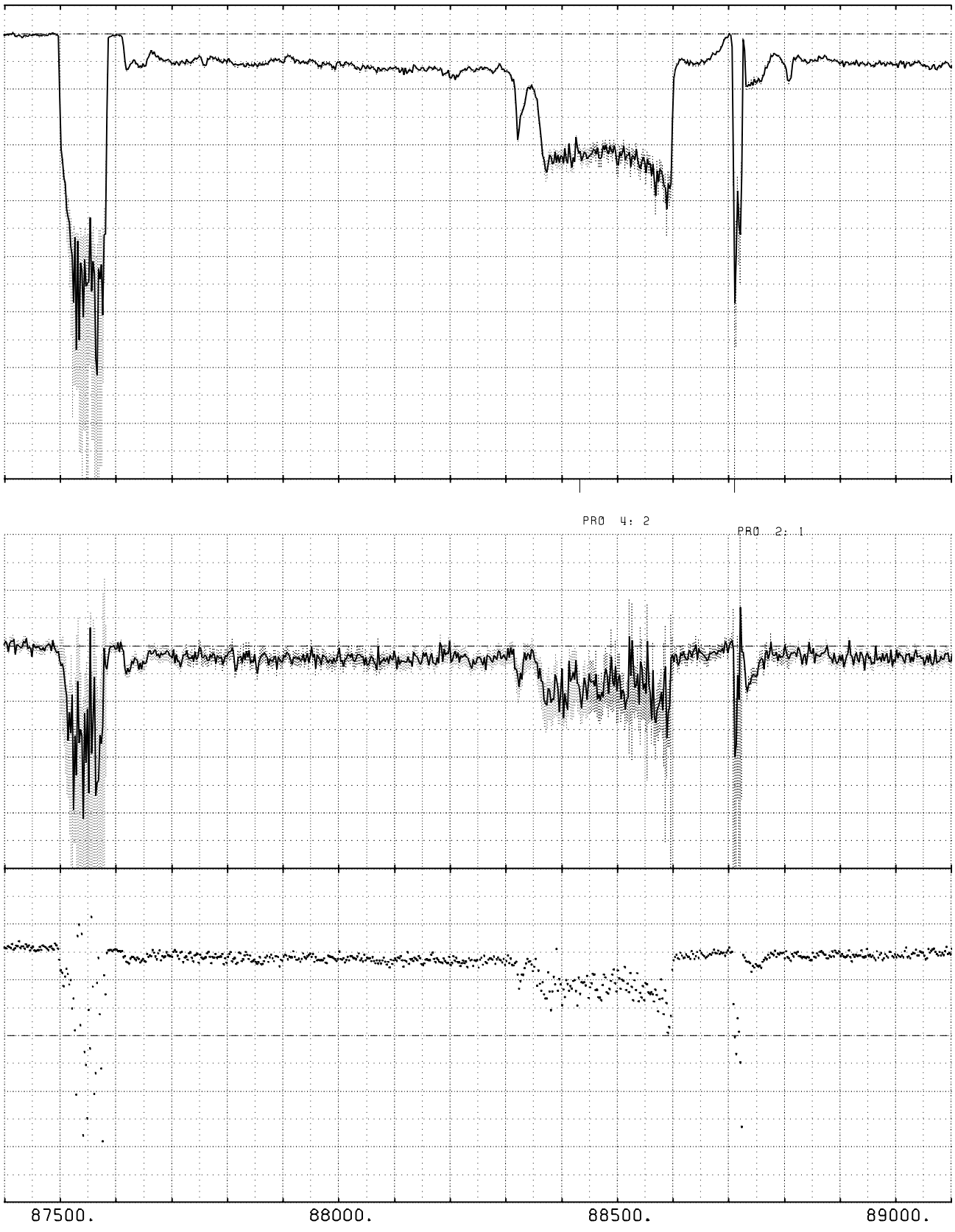

83000.
83500.
84000.
84500.

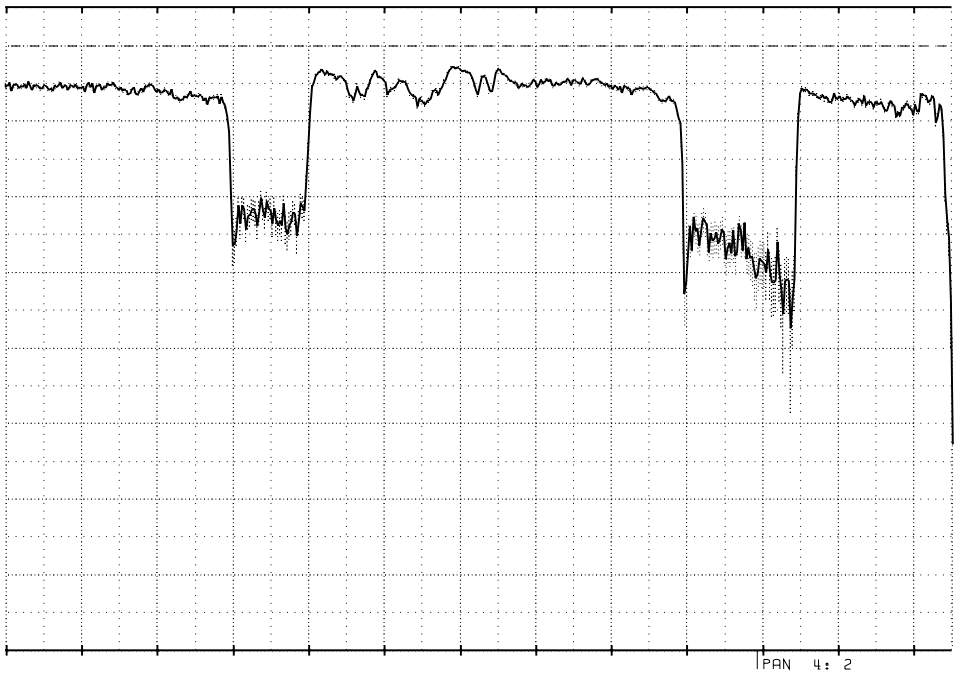

CENTRAL RING C
84500.
85000.
85500.
86000.
RADIAL LOCATION (K

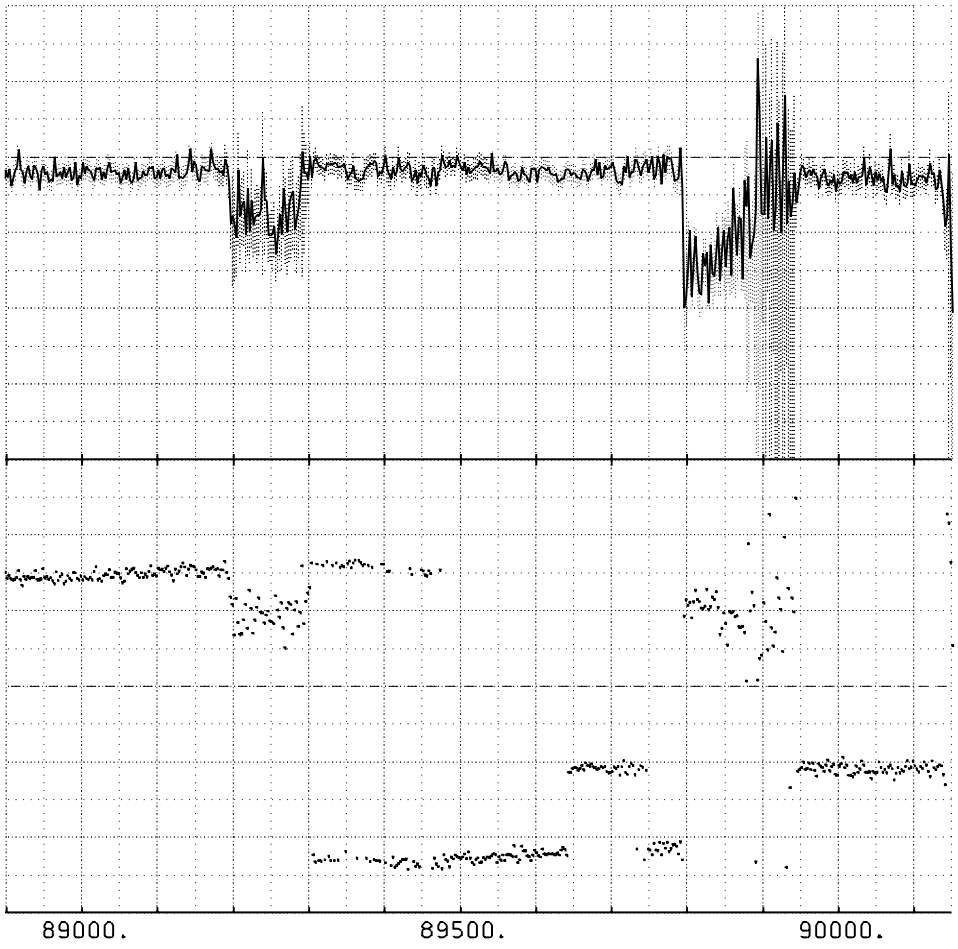
C -- SATURN



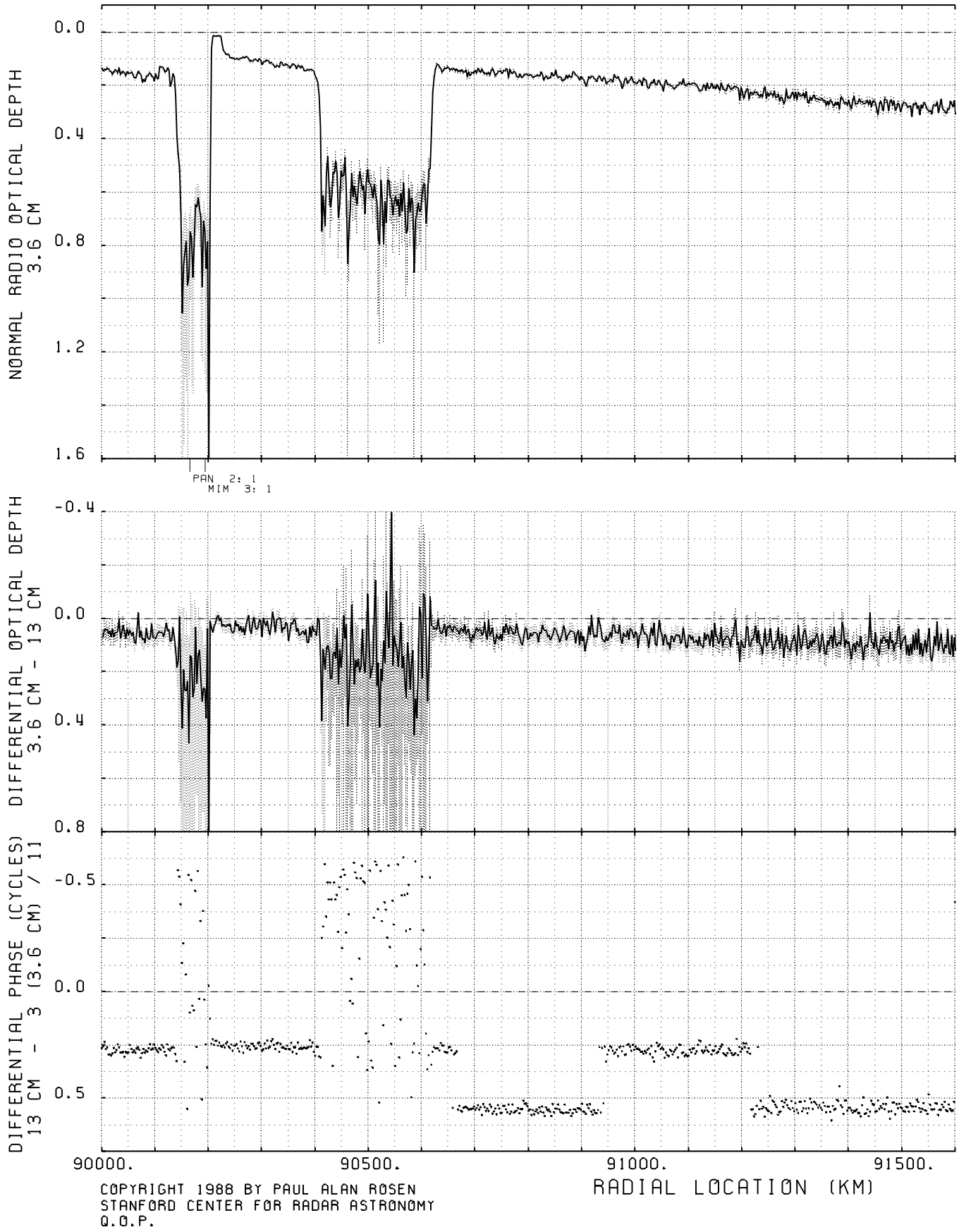
ATION (KM)


PRO 4: 2
PRO 2: 1
87500.
88000.
88500.
89000.


PAN 4: 2


89000.
89500.
90000.

OUTER RING C



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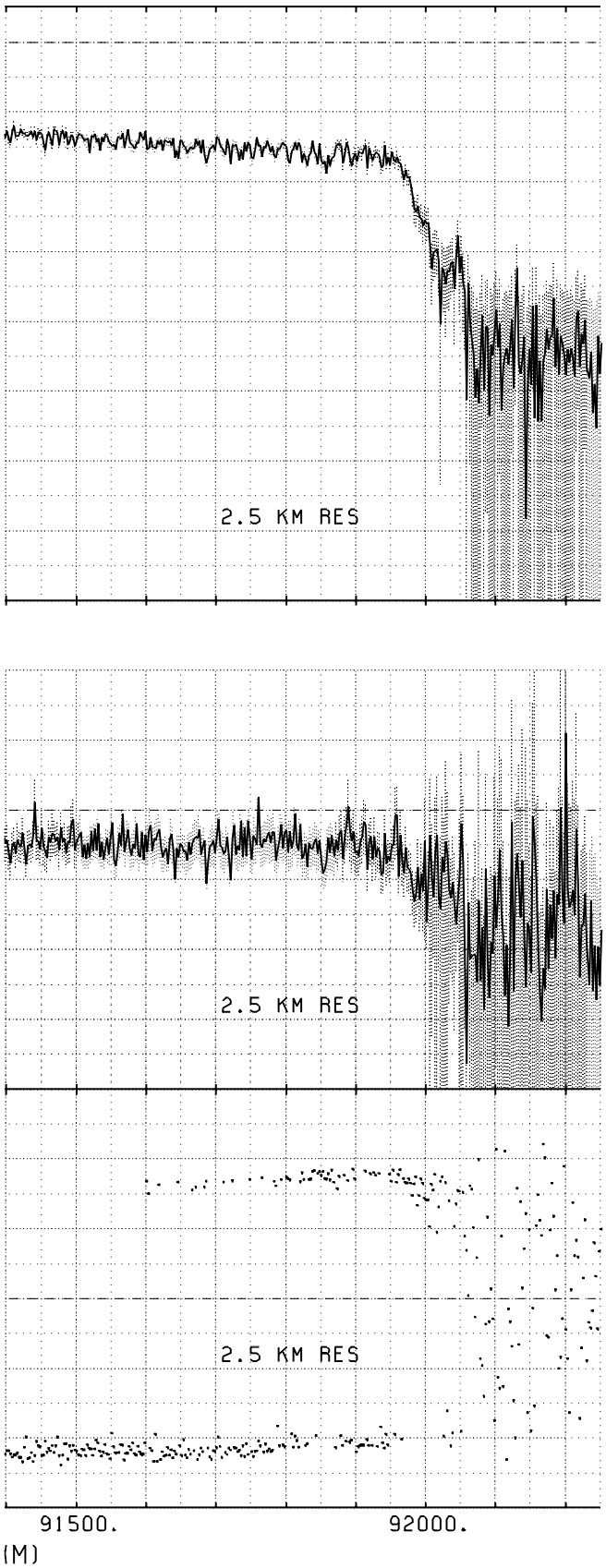
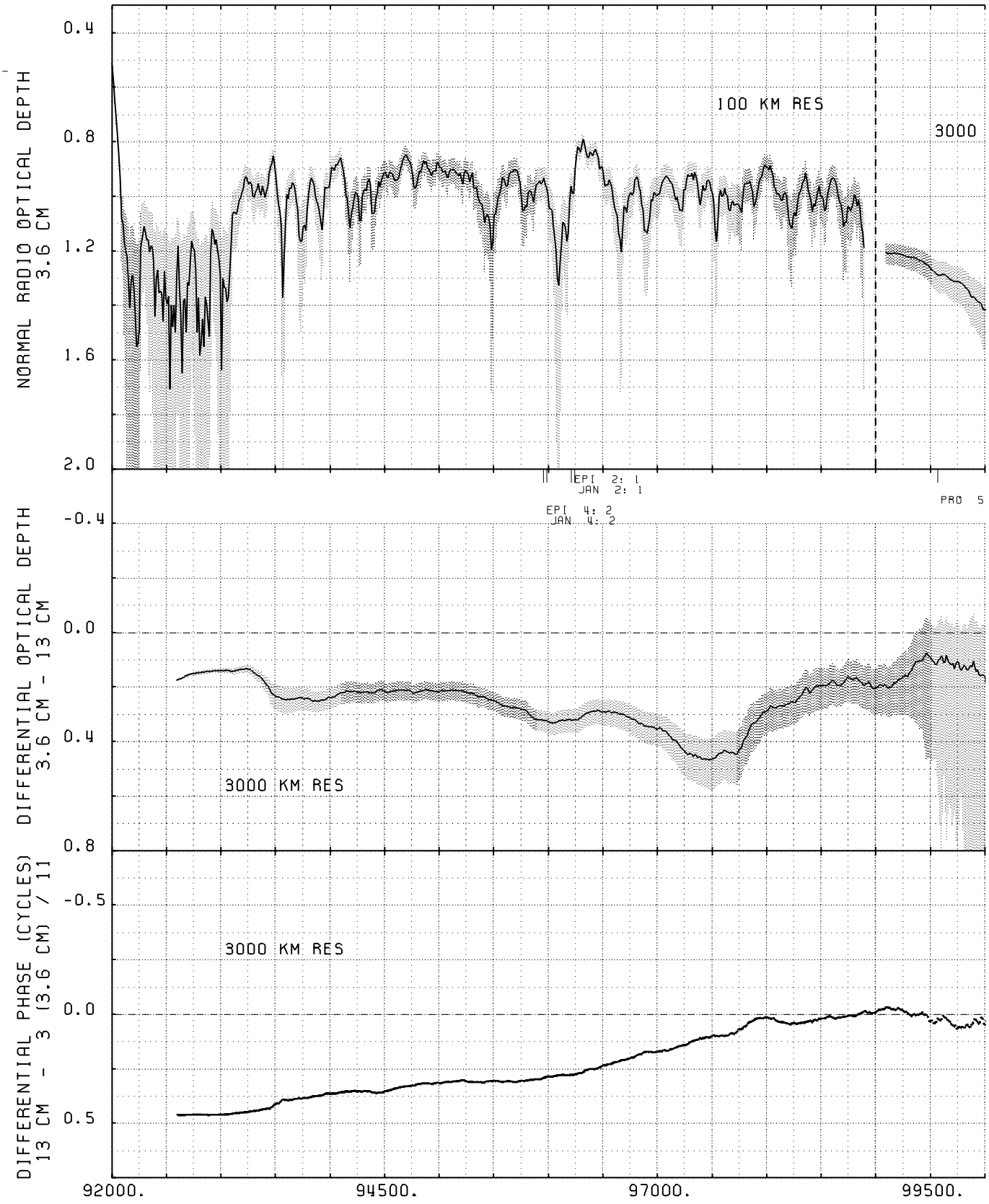

2.5 KM RES
2.5 KM RES
2.5 KM RES
91500.
92000.
(M)



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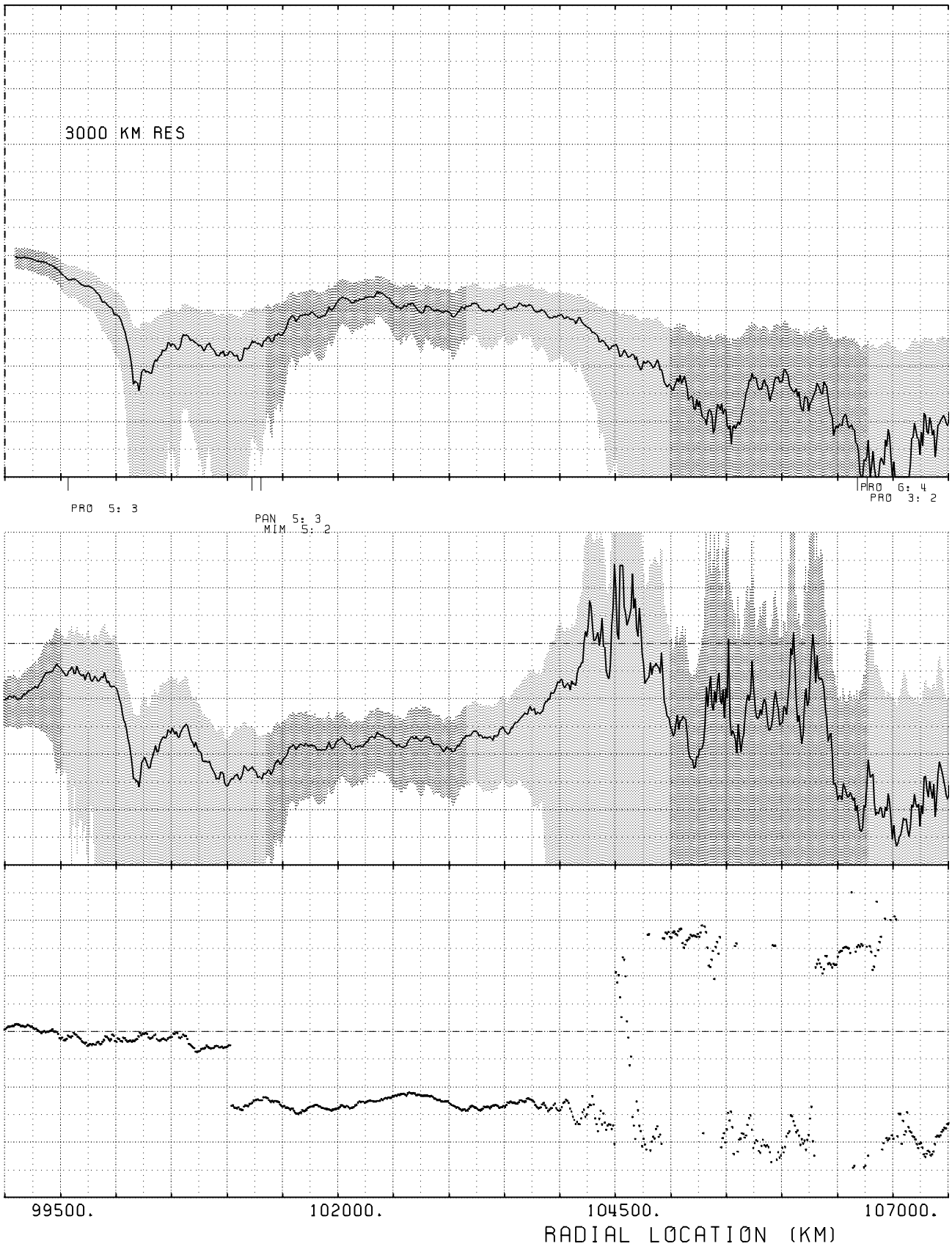
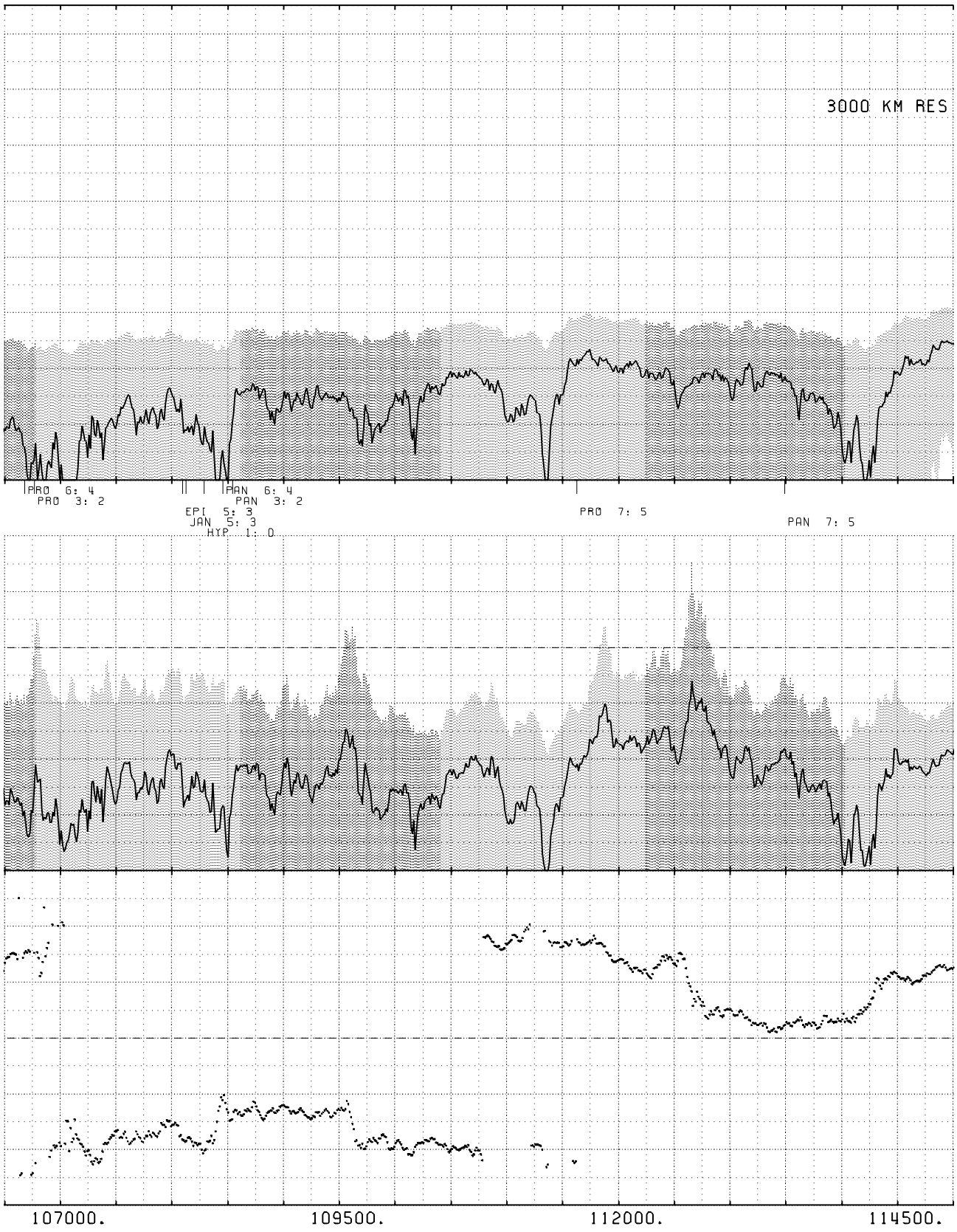
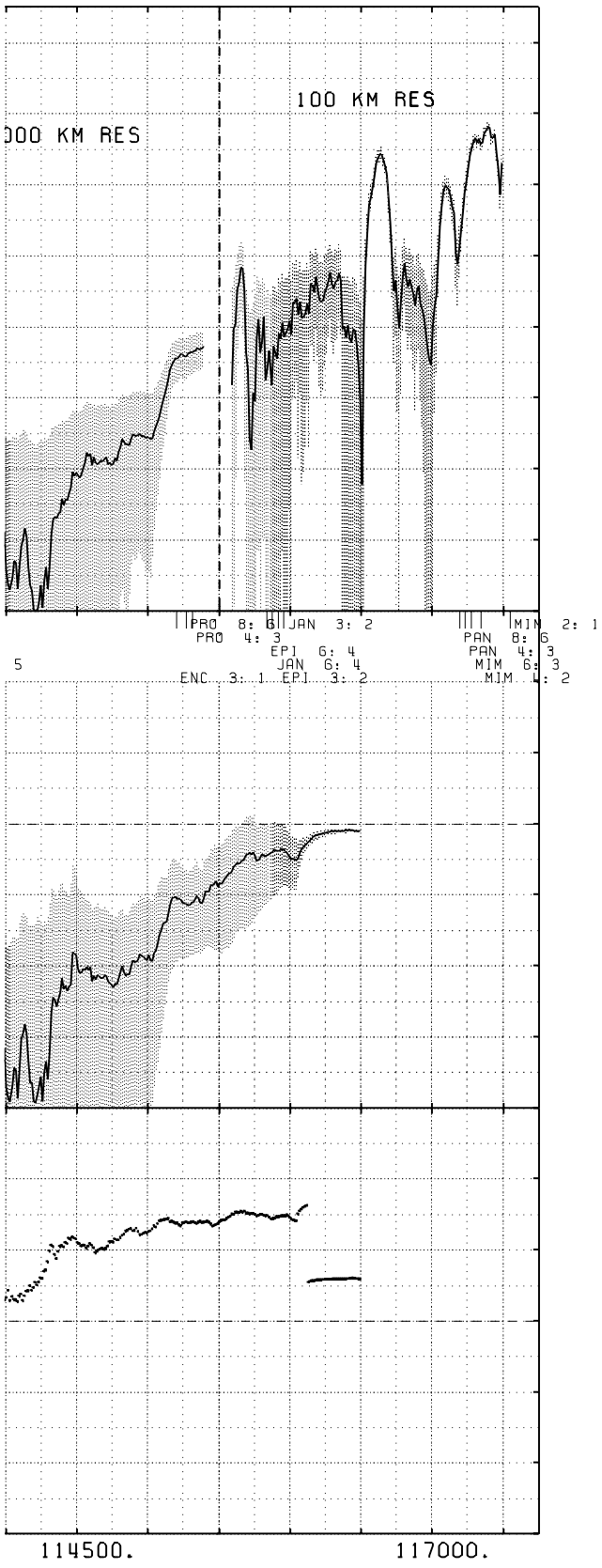
R I N G B - - S A T U

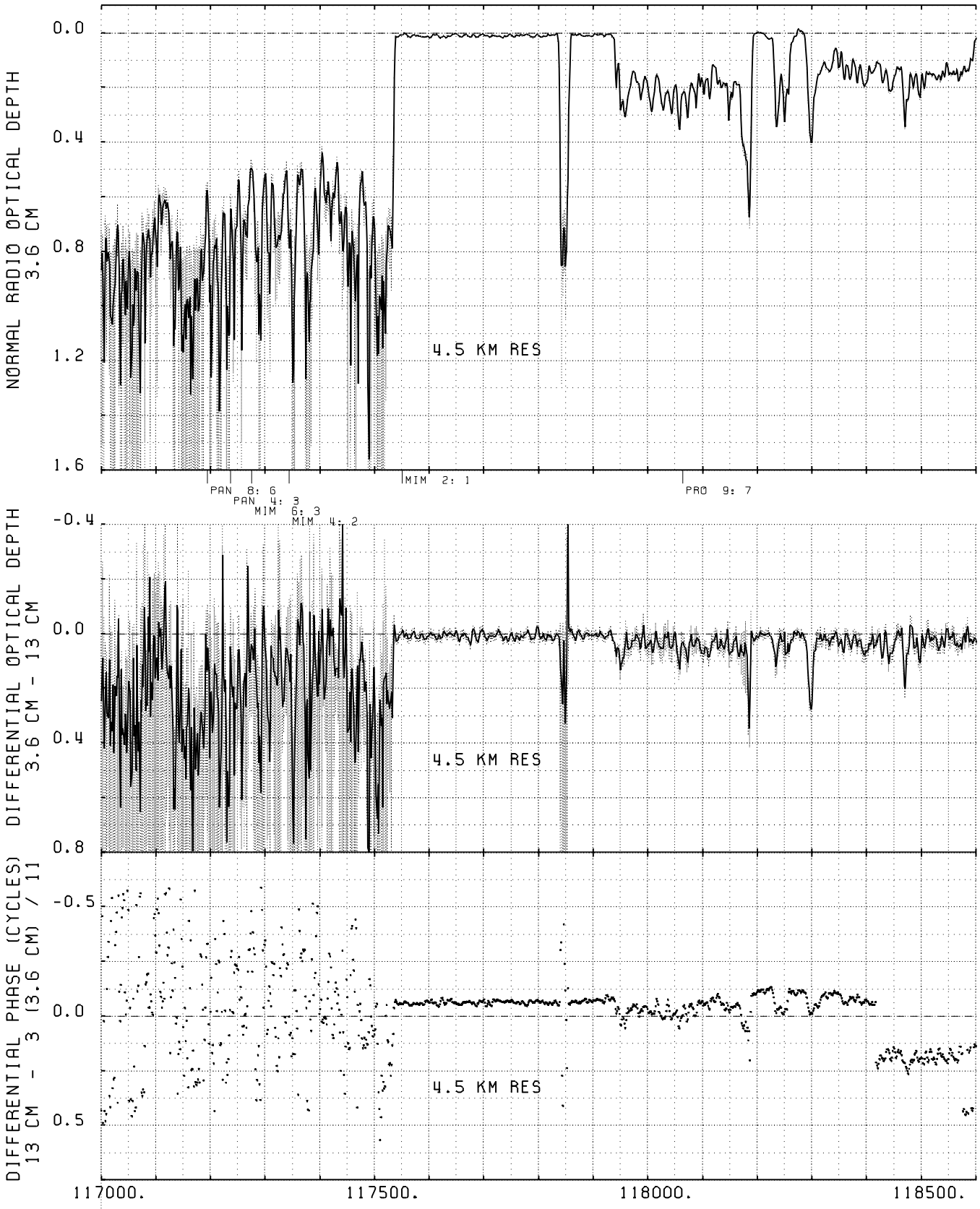

3000 KM RES
PRO 5: 3
PAN 5: 3
MIM 5: 2
PRO 6: 4
PRO 3: 2
99500.
102000.
104500.
107000.
RADIAL LOCATION (KM)

I T U R N


3000 KM RES
PRO 6: 4
PRO 3: 2
EPI 5: 3
JAN 5: 3
HYP 1: 0
PAN 6: 4
PAN 3: 2
PRO 7: 5
PAN 7: 5
107000.
109500.
112000.
114500.


100 KM RES
PRO 8: 6
JAN 3: 2
MIN 2: 1
PRO 4: 3
PAN 8: 6
EPI 6: 4
PAN 4: 3
5
JAN 6: 4
MIM 6: 3
ENC 3: 1 EPI 3: 2
MIM 4: 2
114500.
117000.

C



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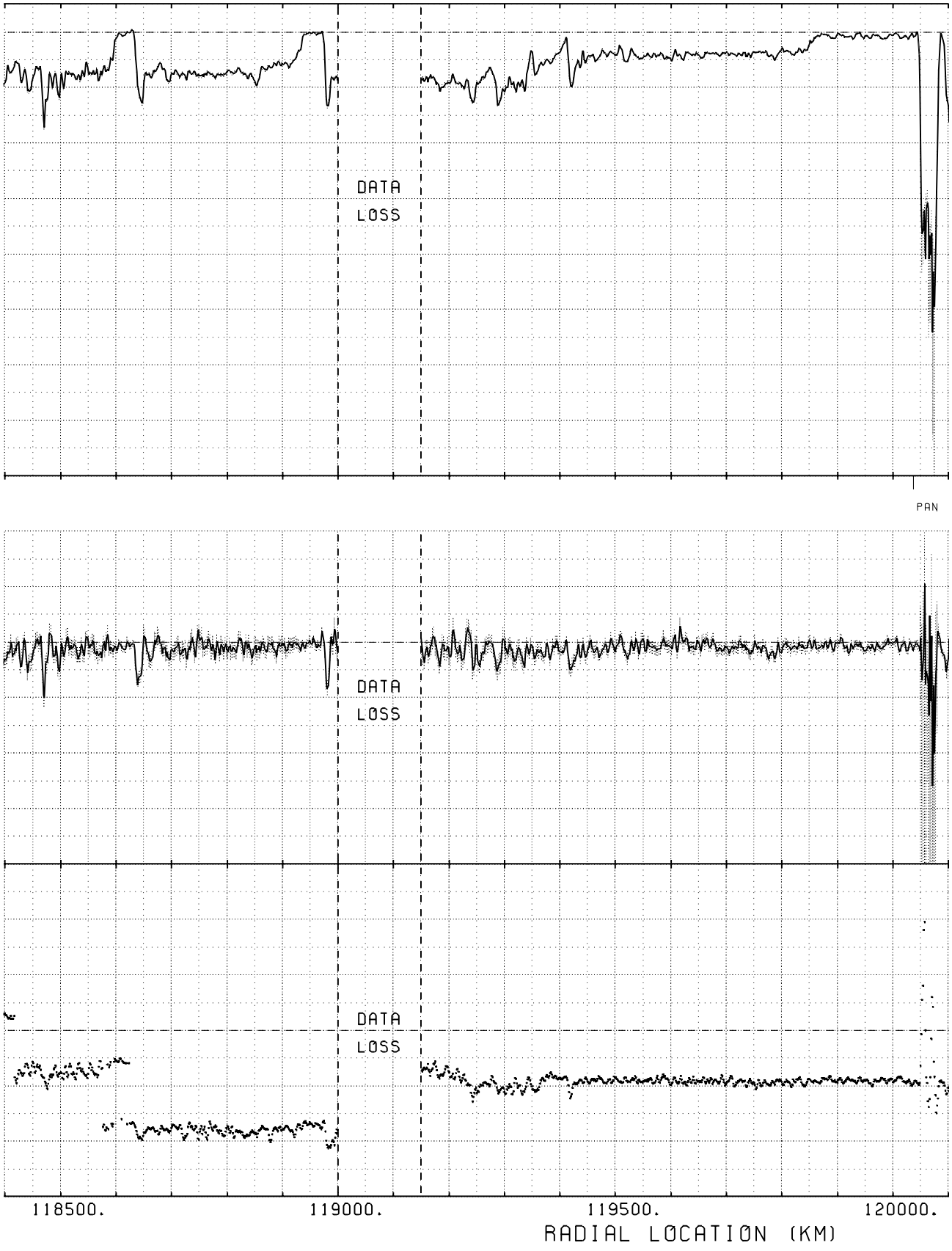
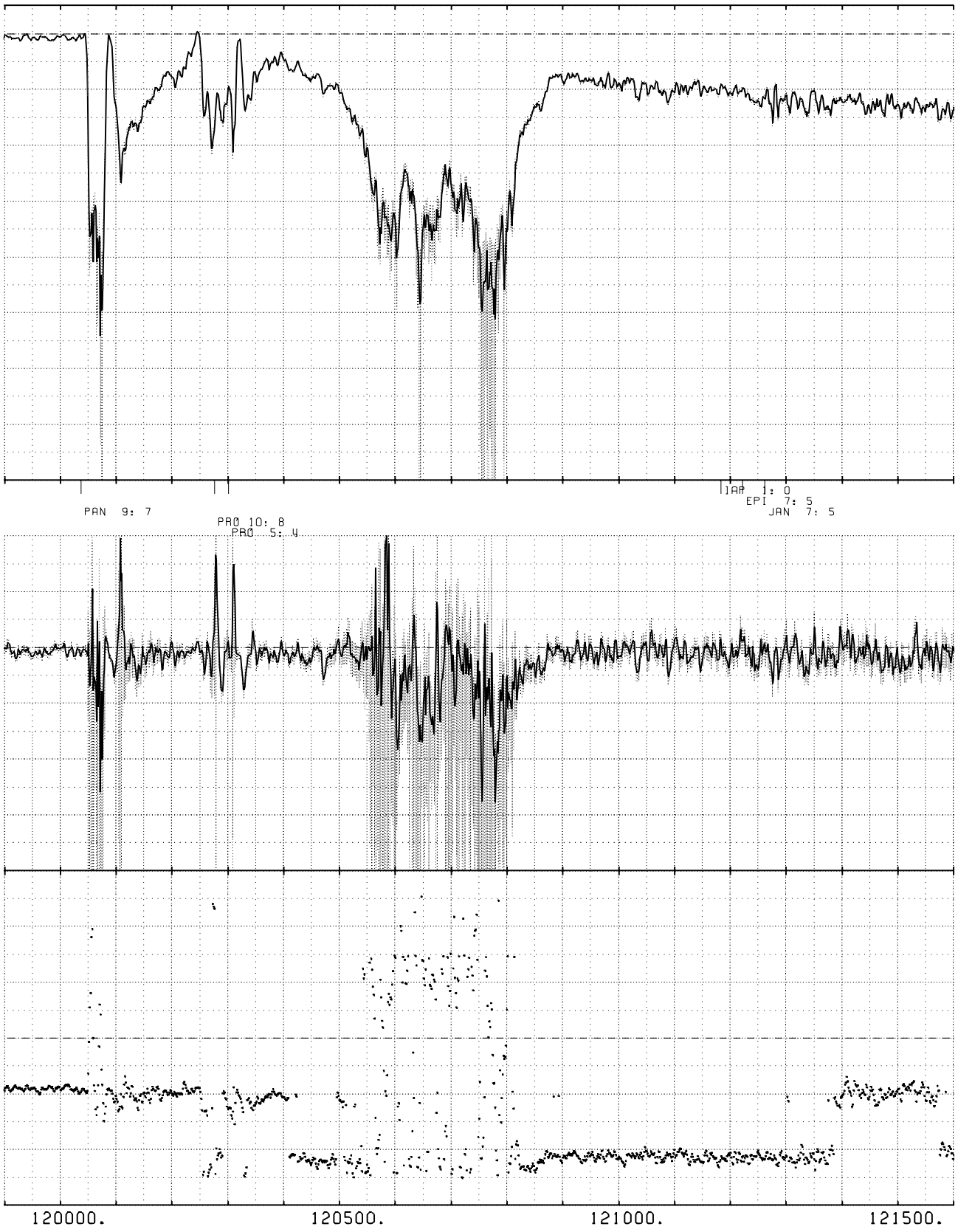
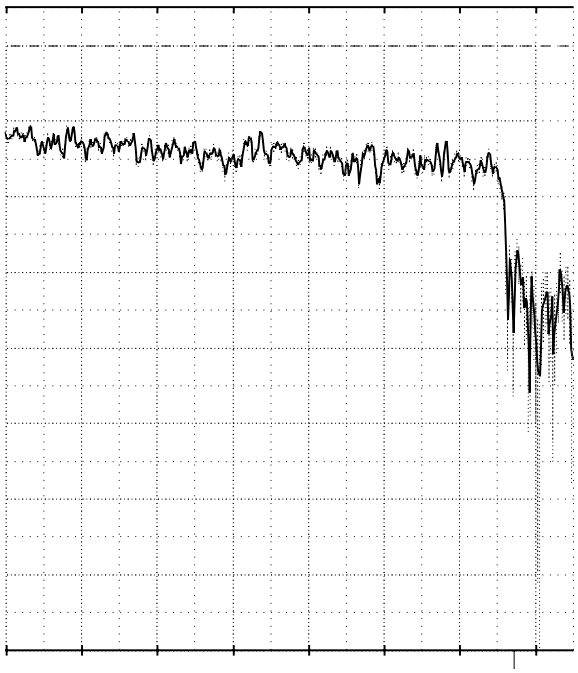
C A S S I N I D I V I S I Ø N - -

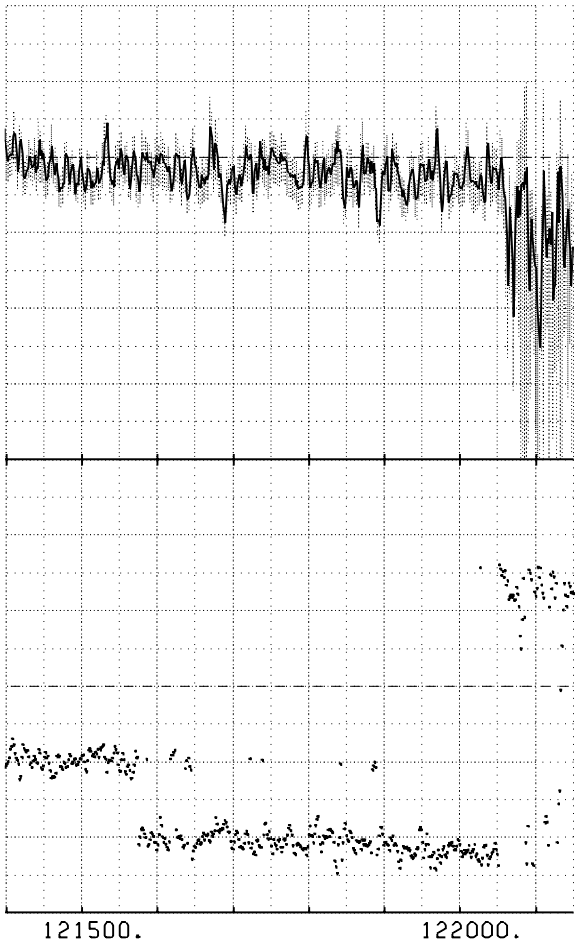


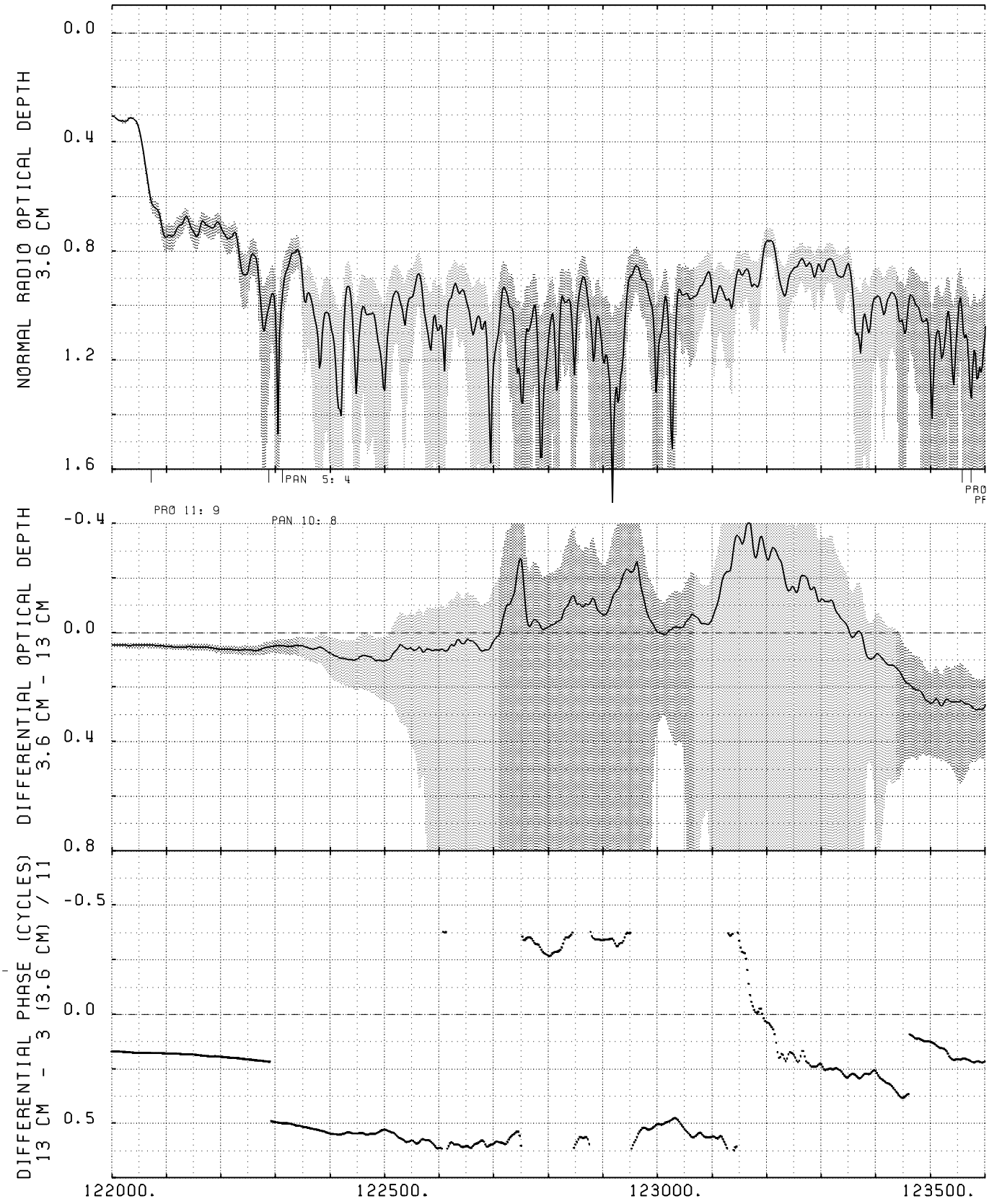
- - S A T U R N


IAP 1: 0
EPI 7: 5
JAN 7: 5
PAN 9: 7
PRO 10: 8
PRO 5: 4
120000.
120500.
121000.
121500.



PR0 11: 9





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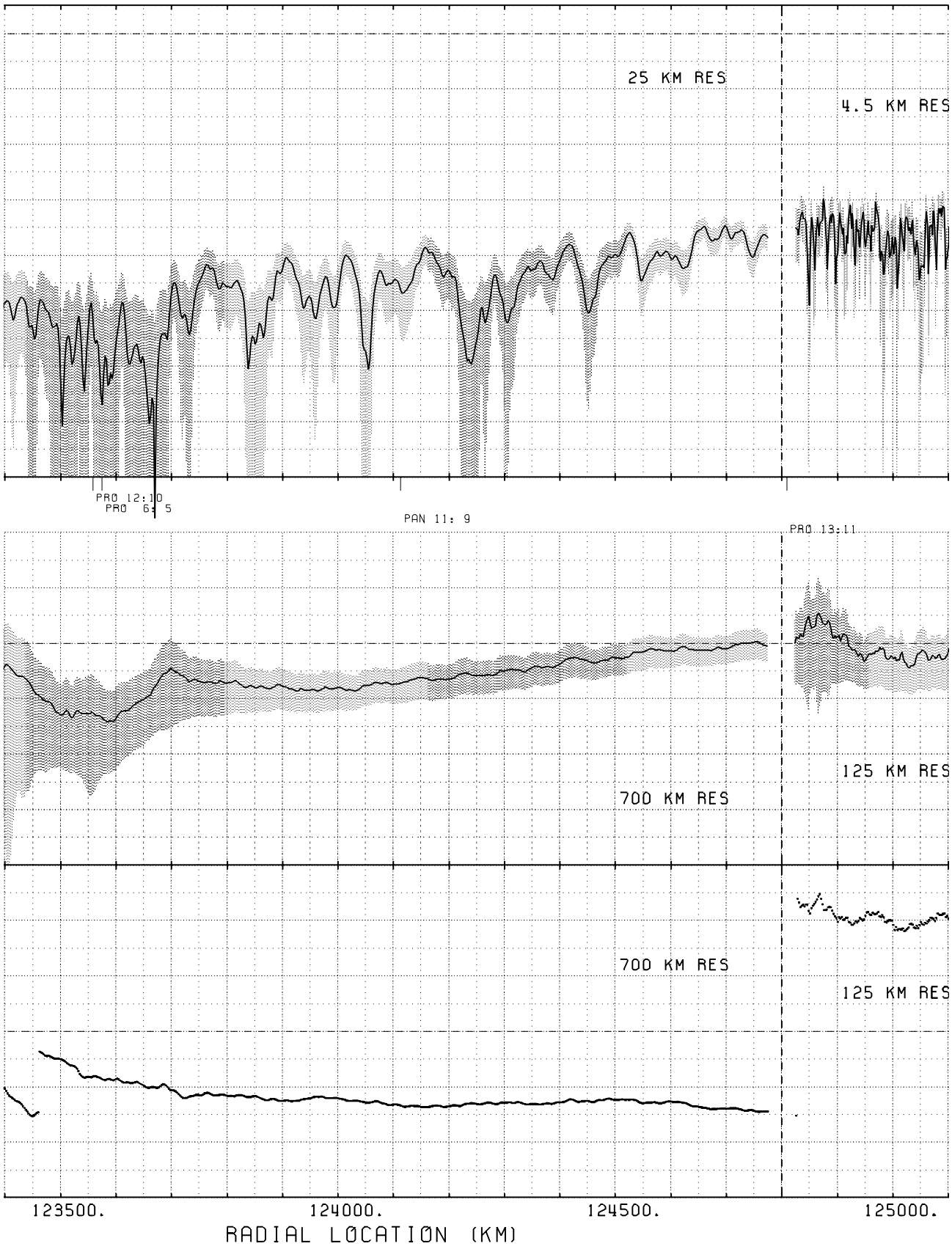
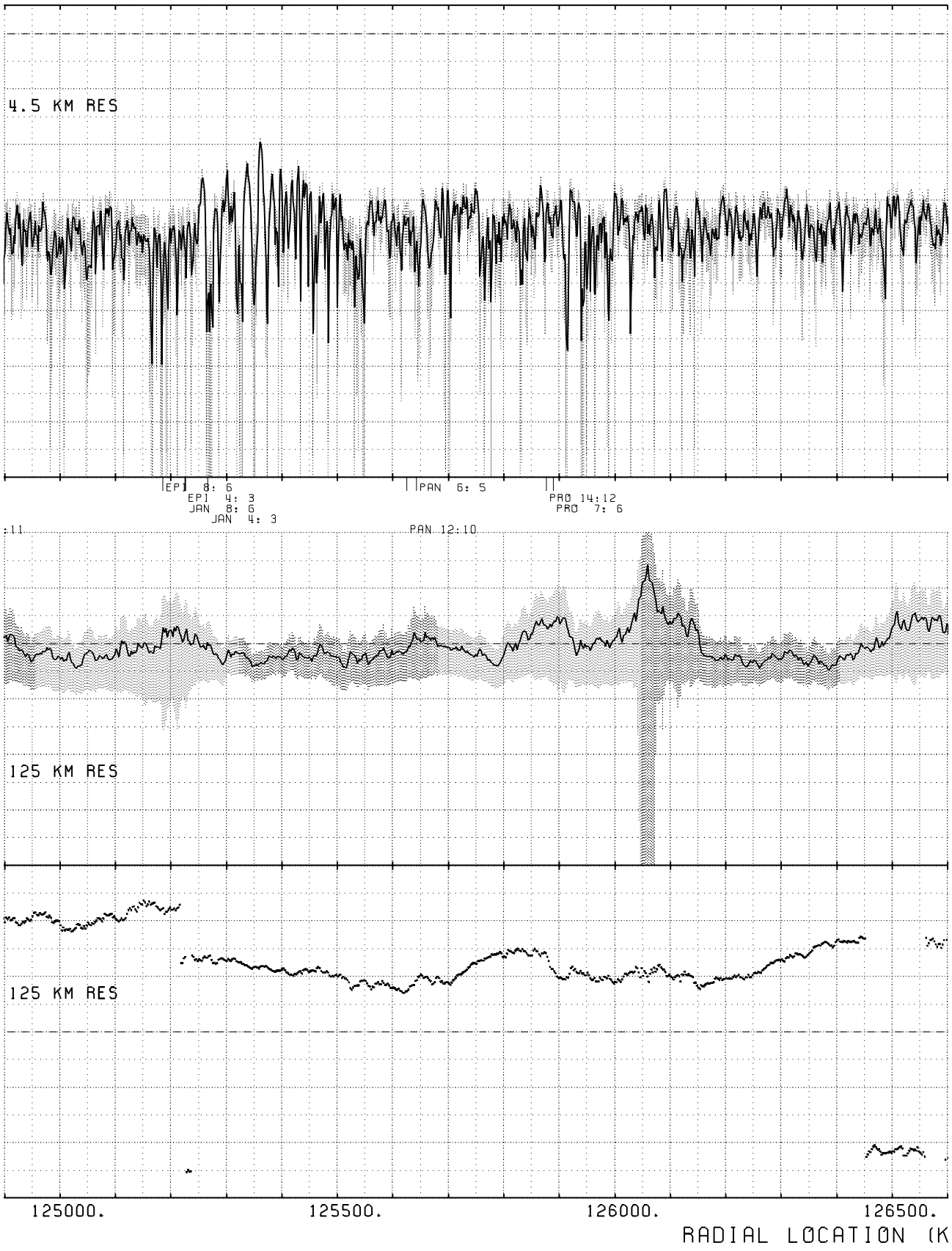
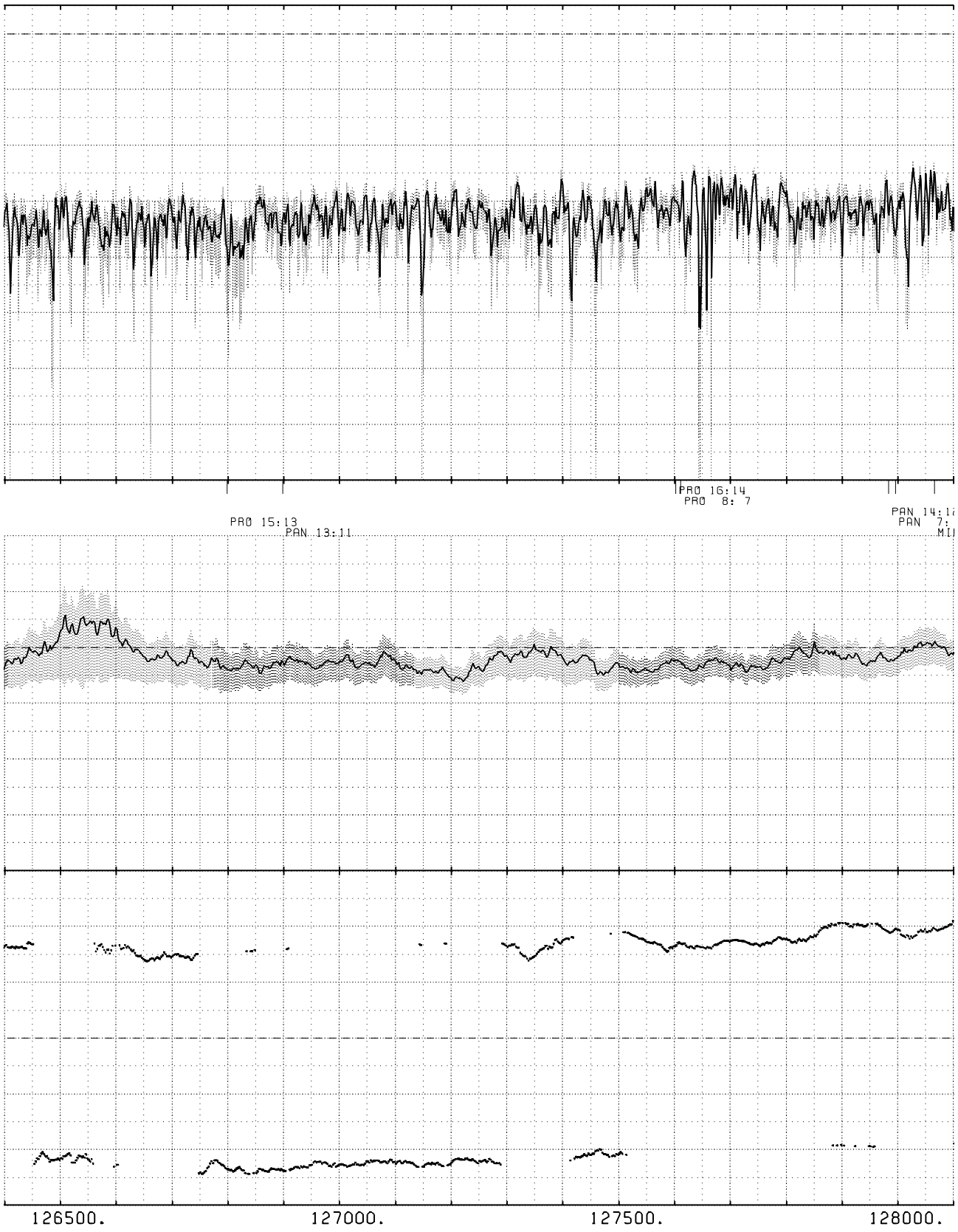

25 KM RES
4.5 KM RES
PRO 12:10
PRO 6: 5
PAN 11: 9
PRO 13:11
700 KM RES
125 KM RES
700 KM RES
125 KM RES
123500.
124000.
124500.
125000.
RADIAL LOCATION (KM)

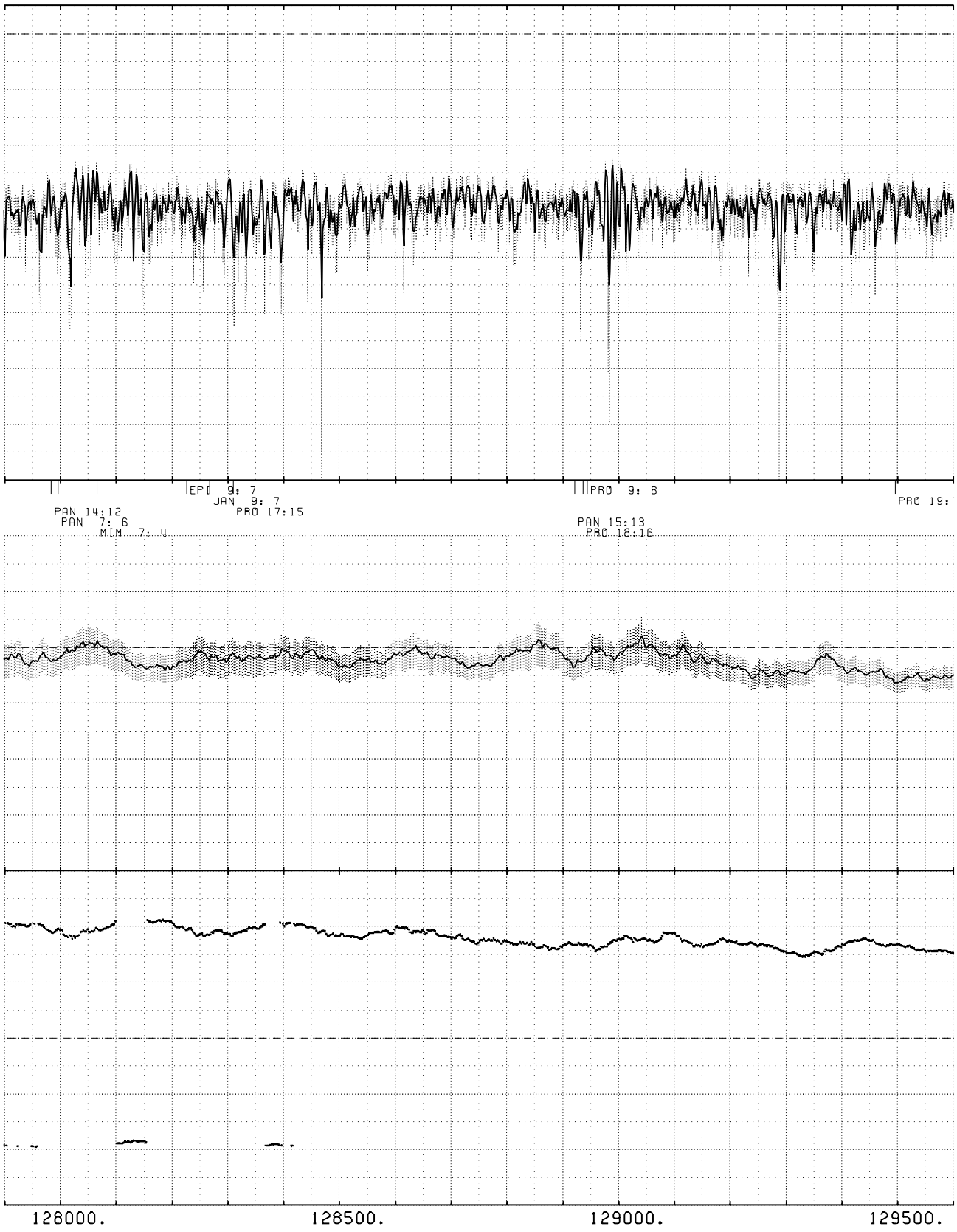
I N N E R R I N G A - ·


4.5 KM RES
EPJ 8: 6
EPI 4: 3
JAN 8: 6
JAN 4: 3
PAN 6: 5
PRO 14:12
PRO 7: 6
:11
PAN 12:10
125 KM RES
125 KM RES
125000.
125500.
126000.
126500.
RADIAL LOCATION (K

- - S A T U R N



ATION (KM)


EPI 9: 7
JAN 9: 7
PRO 17:15
PRO 9: 8
PRO 19:
PAN 14:12
PAN 7: 6
MIM 7: 4
PAN 15:13
PRO 18:16
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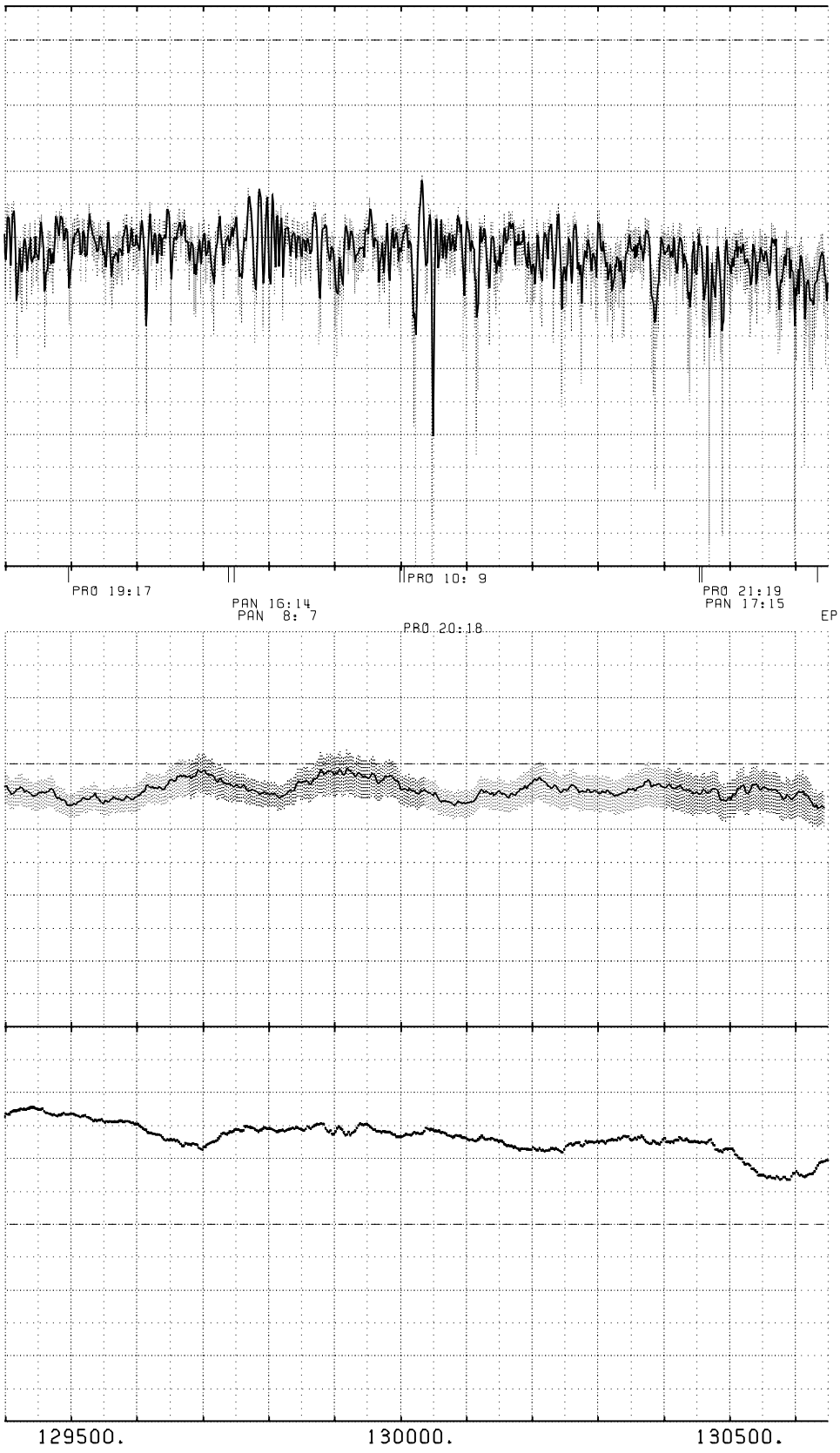
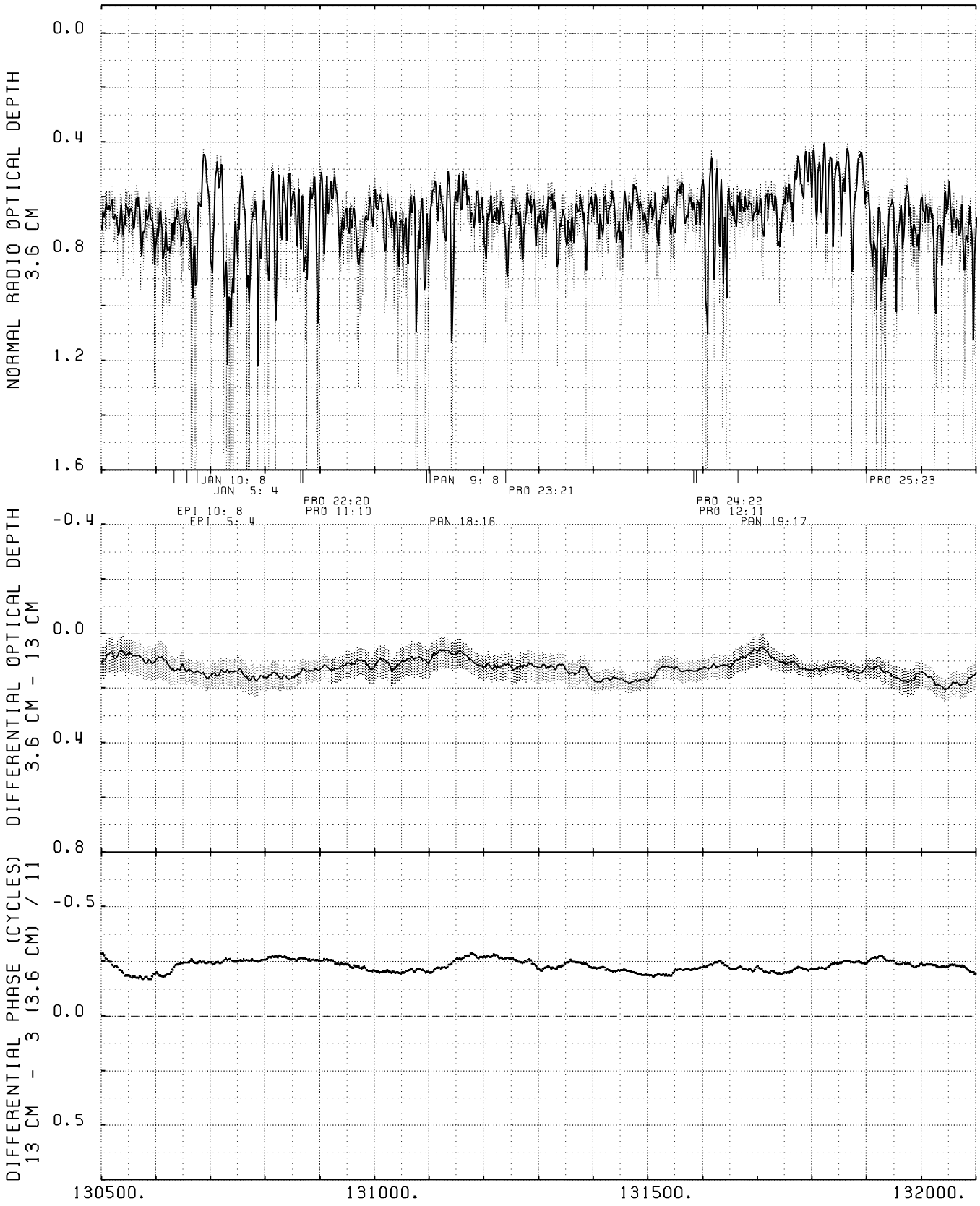
128500.
129000.
129500.


PRO 19:17
PRO 10: 9
PRO 21:19
PAN 16:14
PAN 17:15
PAN 8: 7
EPI 10: 8
PRO 20:18
129500.
130000.
130500.



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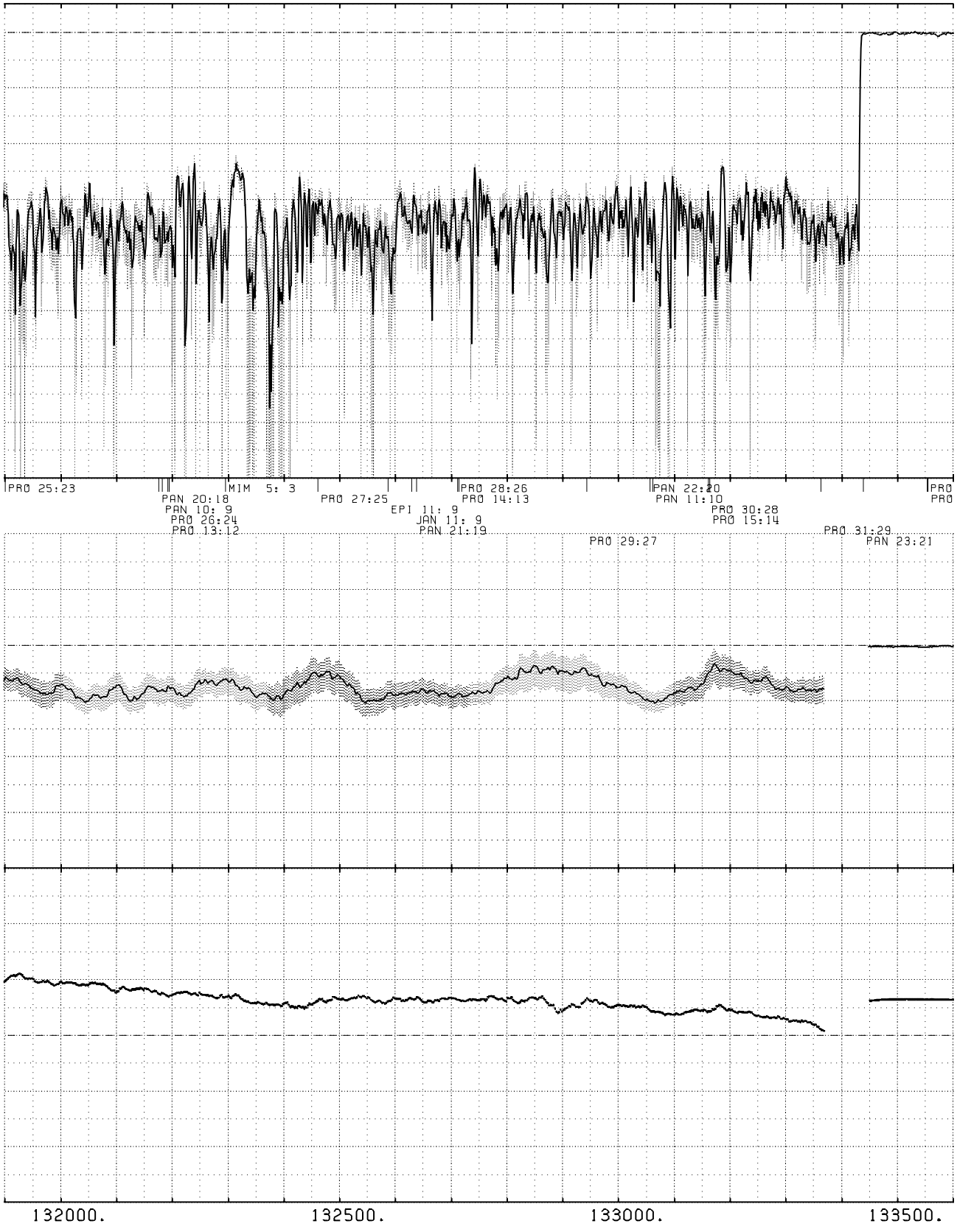
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PAN 10: 9
PRO 26:24
PRO 13:12
MIM 5: 3
PRO 27:25
EPI 11: 9
JAN 11: 9
PAN 21:19
PRO 28:26
PRO 14:13
PAN 22:20
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PRO 30:28
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PRO
PRO
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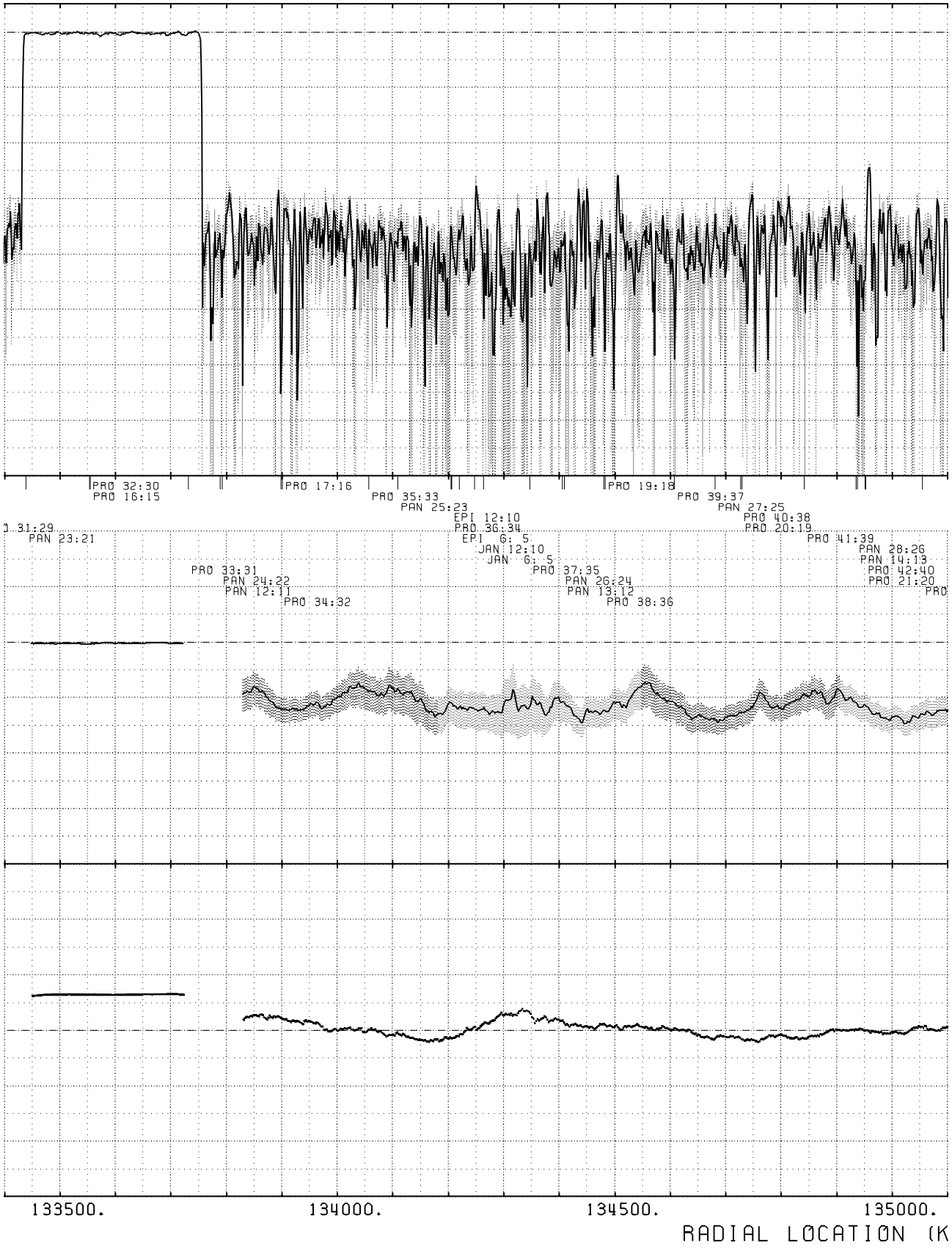
OUTER RING A -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PRO 19:18
PRO 39:37
PAN 27:25
PRO 40:38
PRO 20:19
PRO 41:39
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PRO 42:40
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PRO
PAN 23:21
PRO 33:31
PAN 24:22
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PRO 34:32
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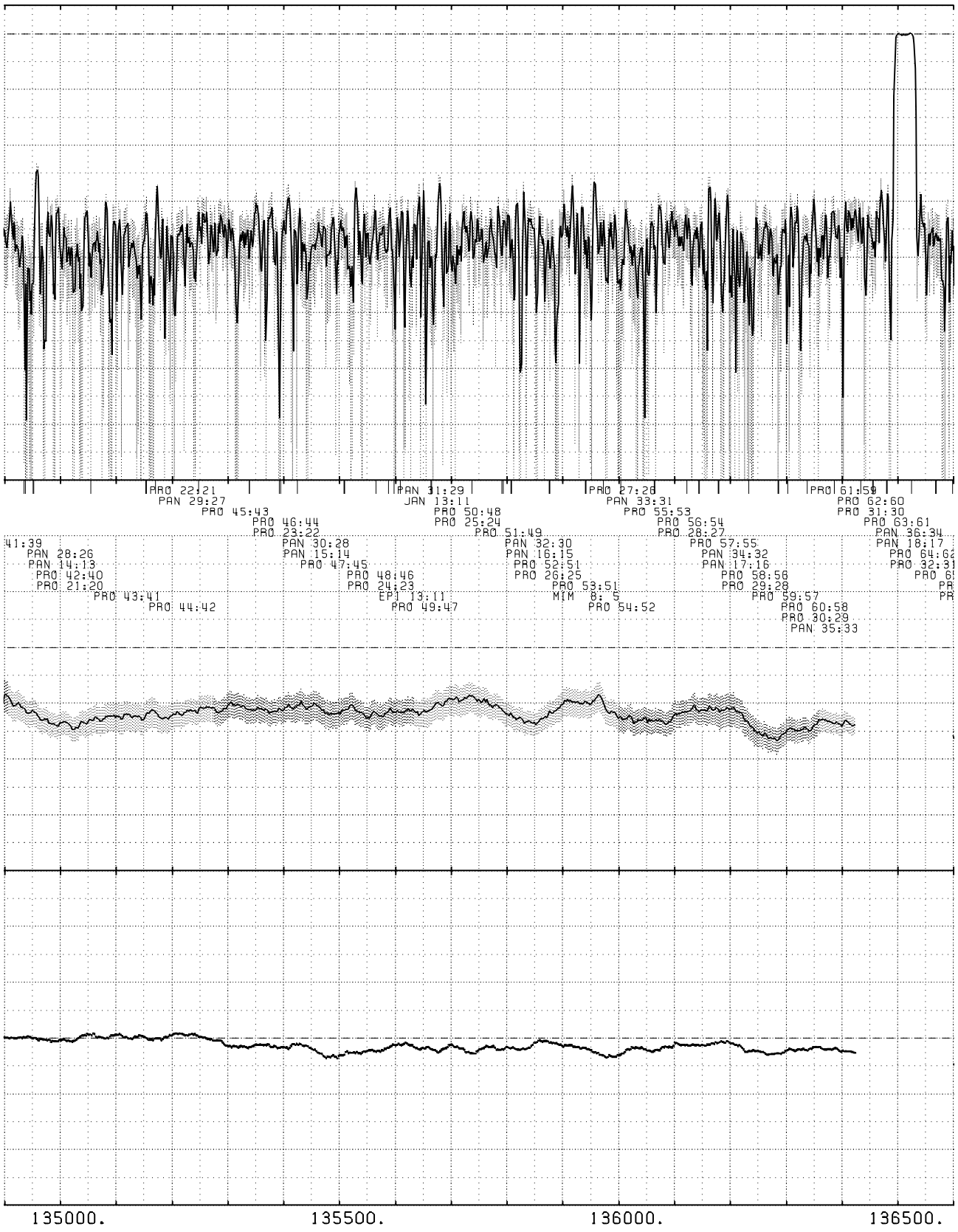
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PRO 27:26
PAN 33:31
PRO 55:53
PRO 56:54
PRO 28:27
PRO 61:59
PRO 62:60
PRO 31:30
PRO 63:61
PAN 36:34
PAN 18:17
PRO 64:62
PRO 32:31
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PAN 28:26
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PRO 42:40
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PRO 47:45
PRO 48:46
PRO 24:23
EP1 13:11
PRO 49:47
PAN 32:30
PAN 16:15
PRO 52:51
PRO 26:25
PRO 53:51
MIM 8: 5
PRO 54:52
PRO 57:55
PAN 34:32
PAN 17:16
PRO 58:56
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PAN 35:33
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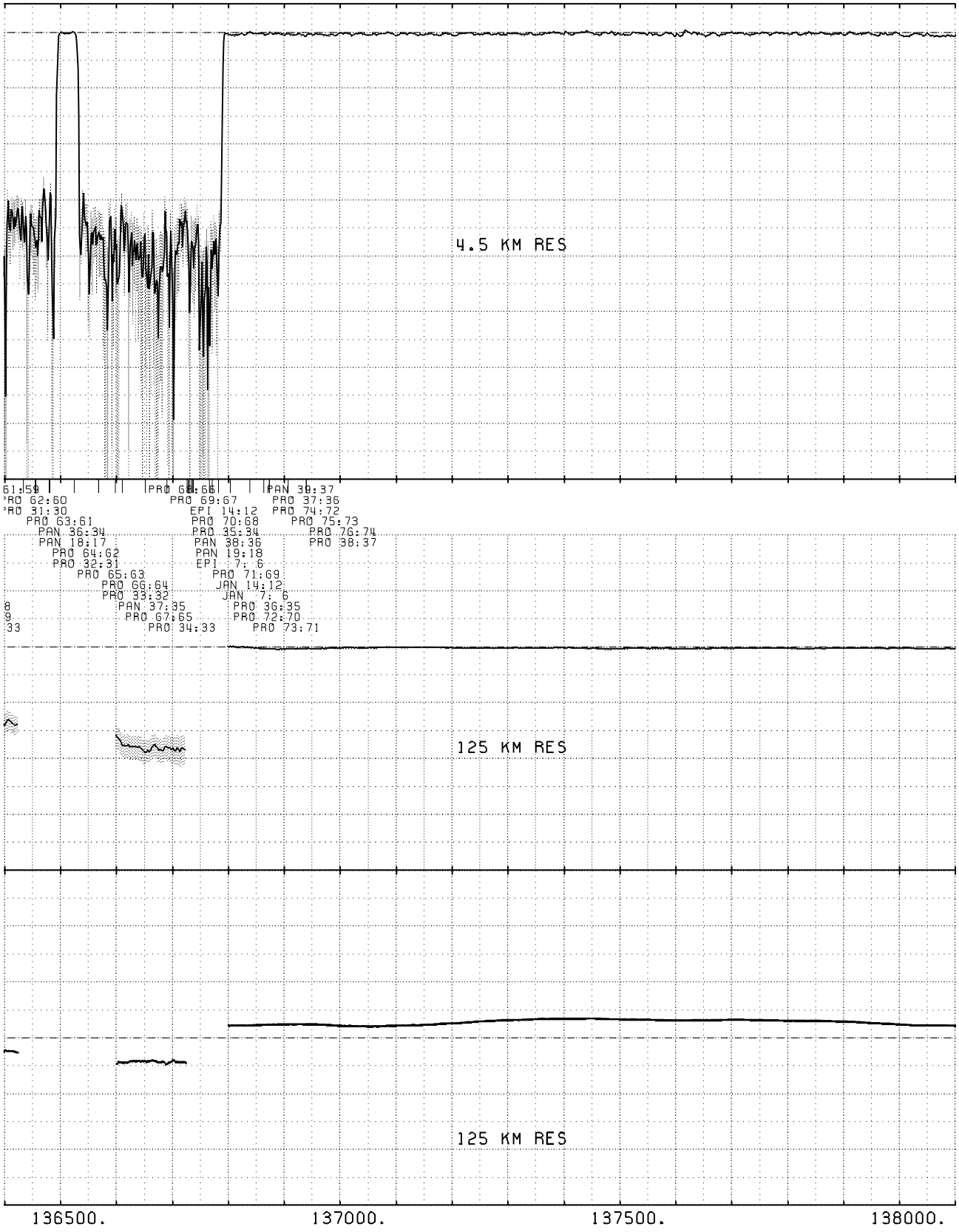
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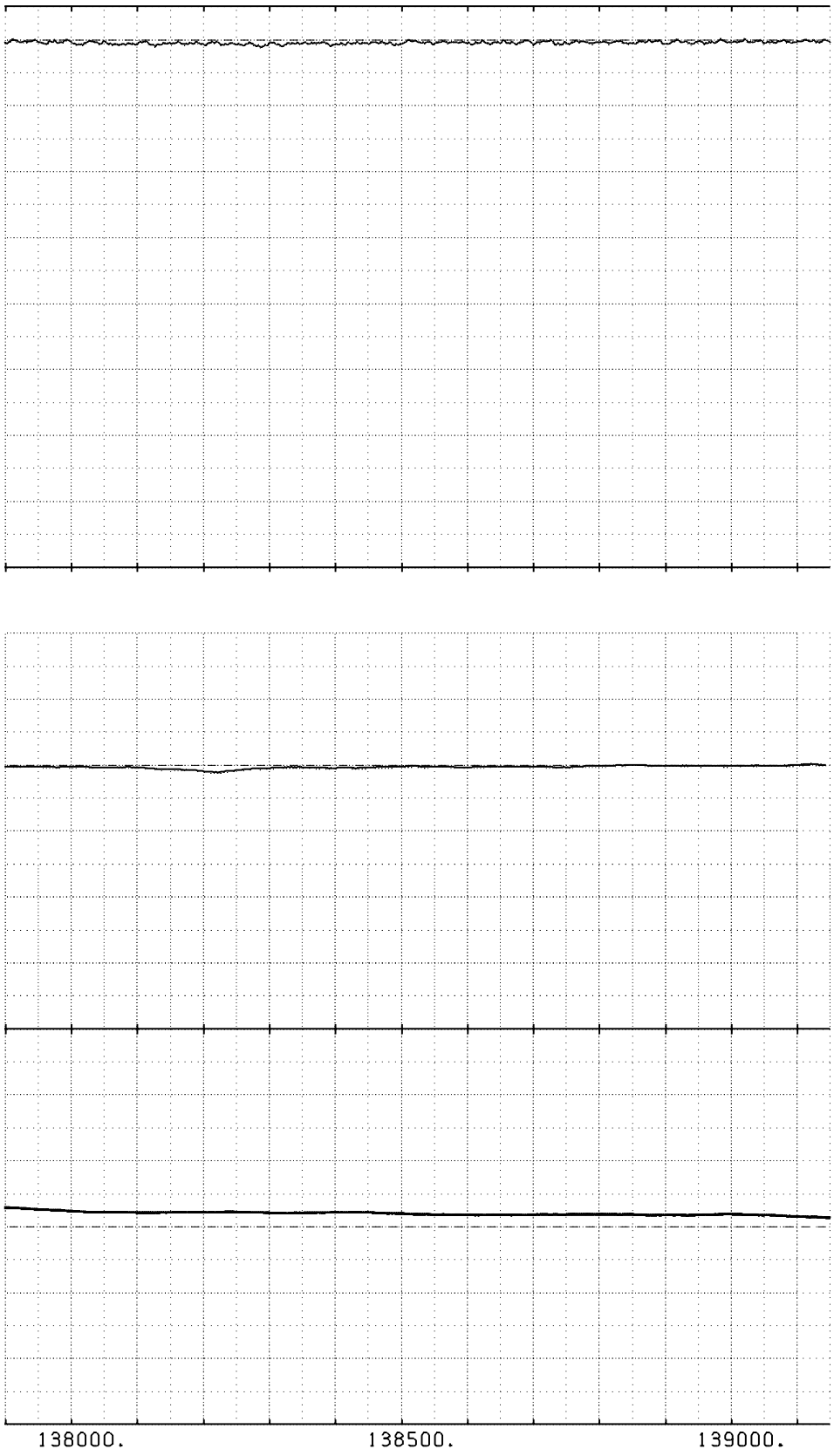
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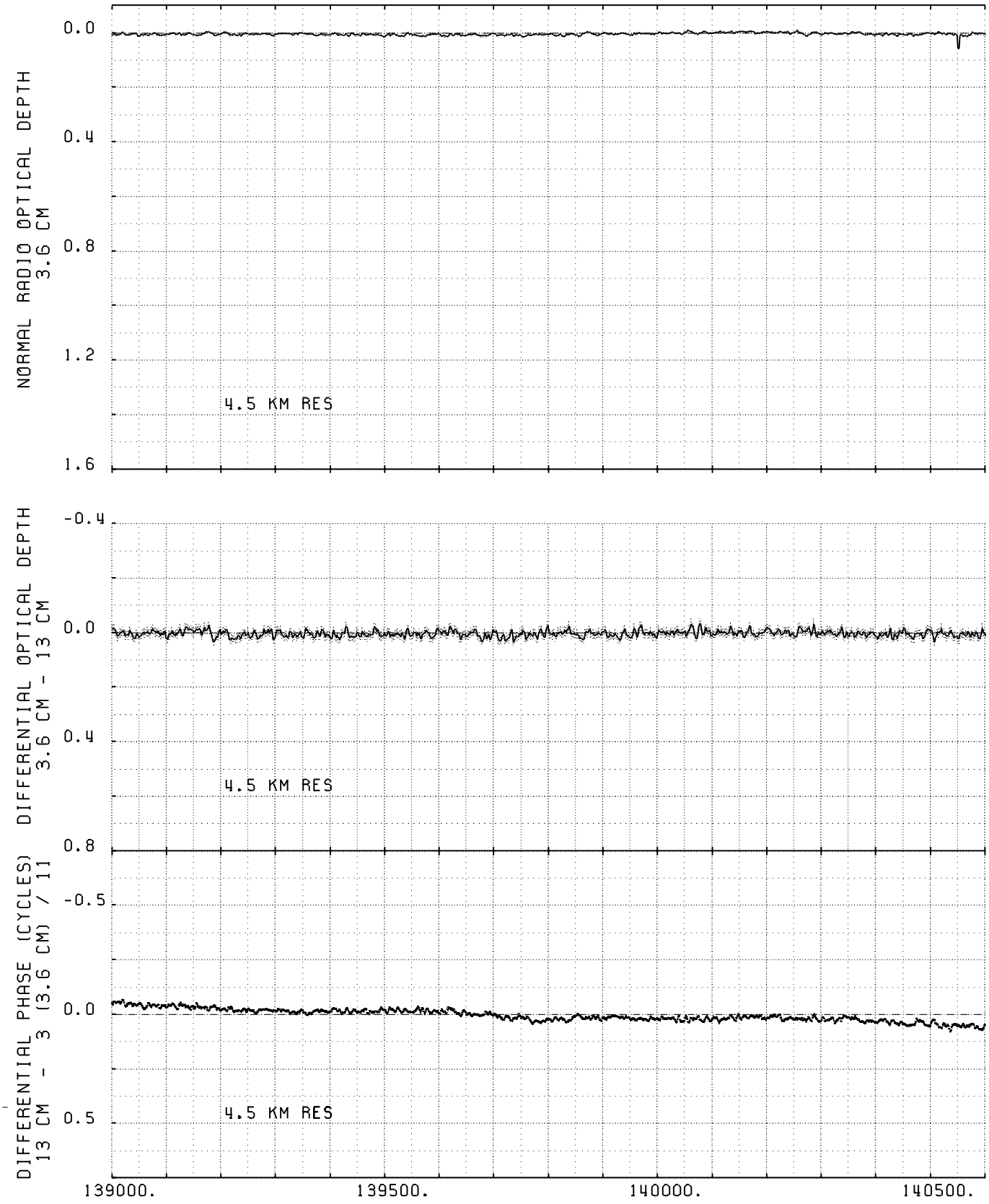

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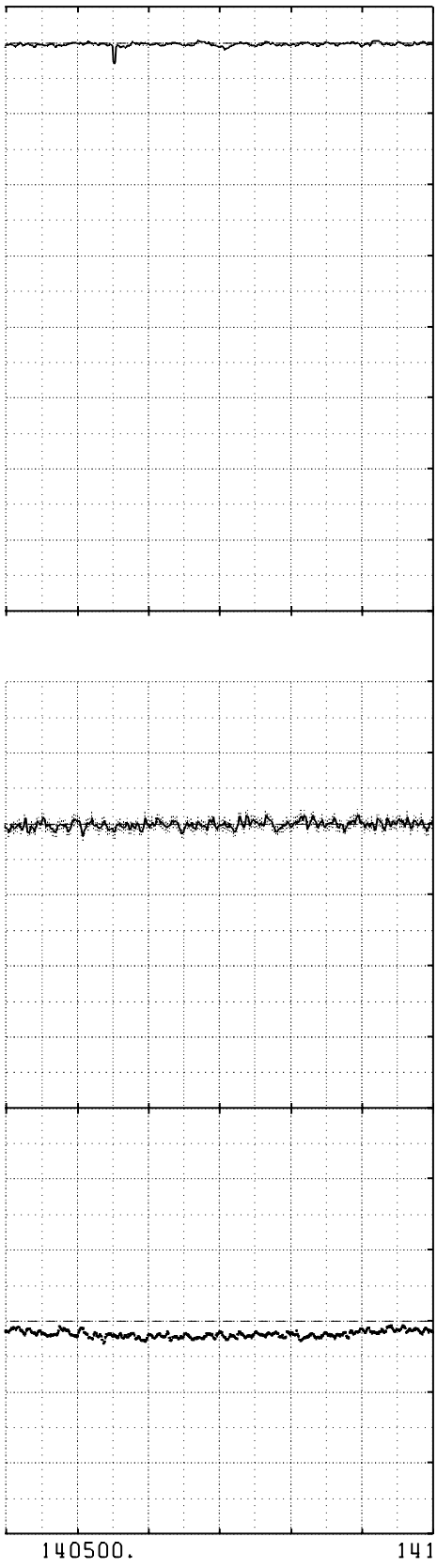

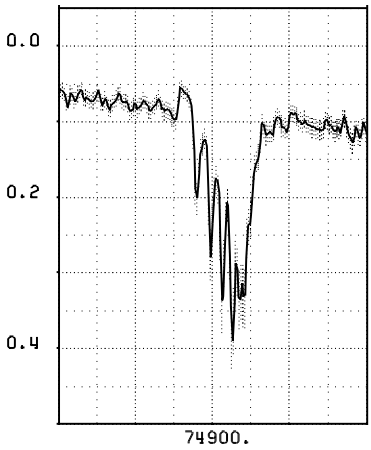
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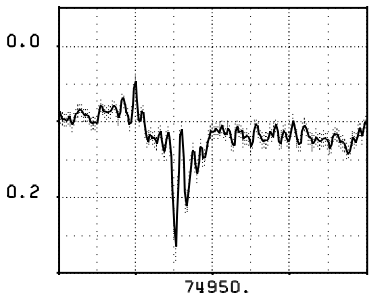
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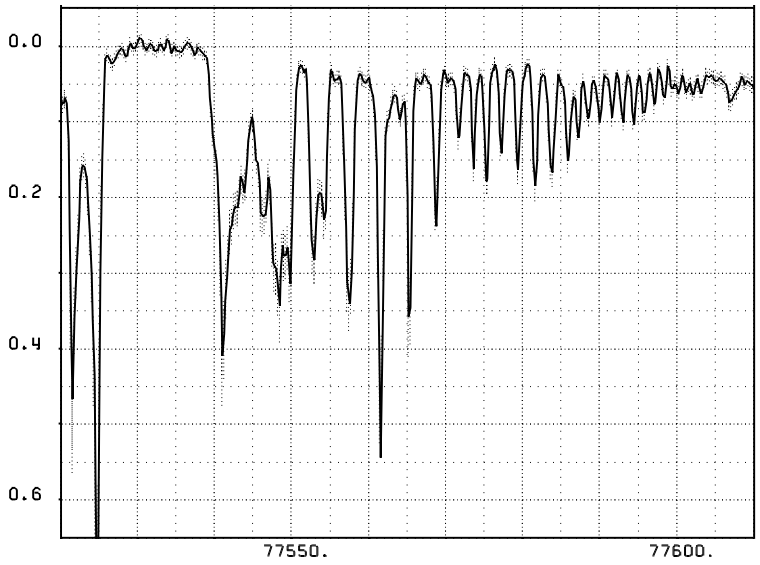
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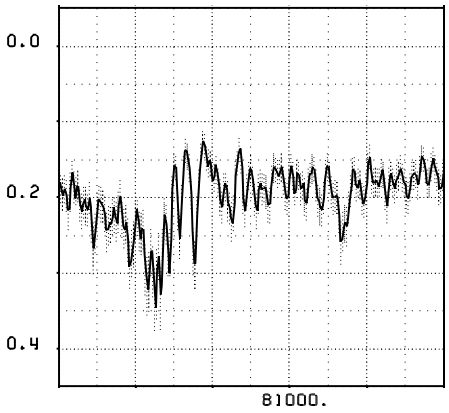
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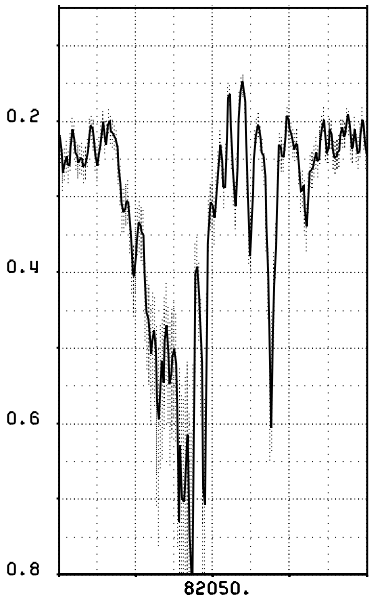
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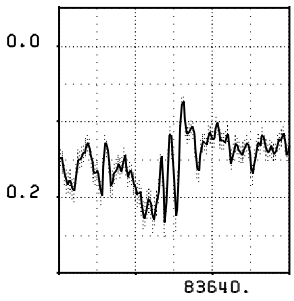
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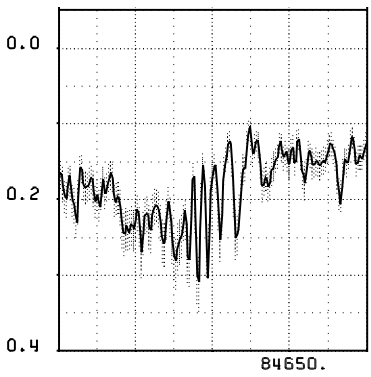
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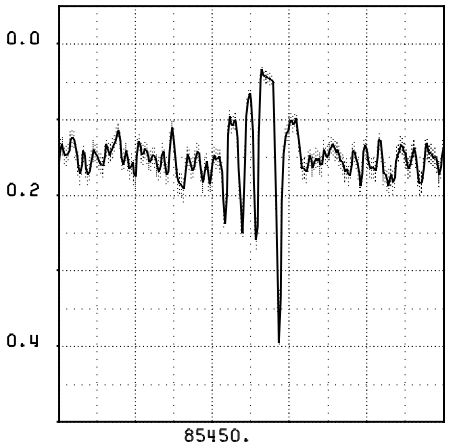
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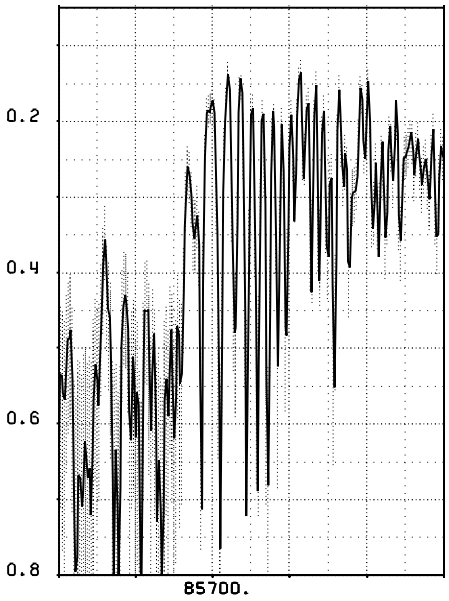
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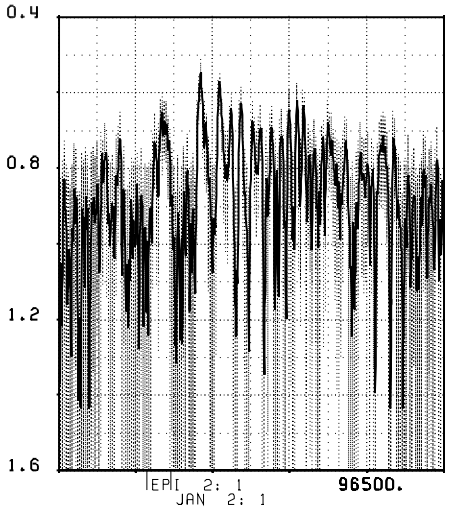
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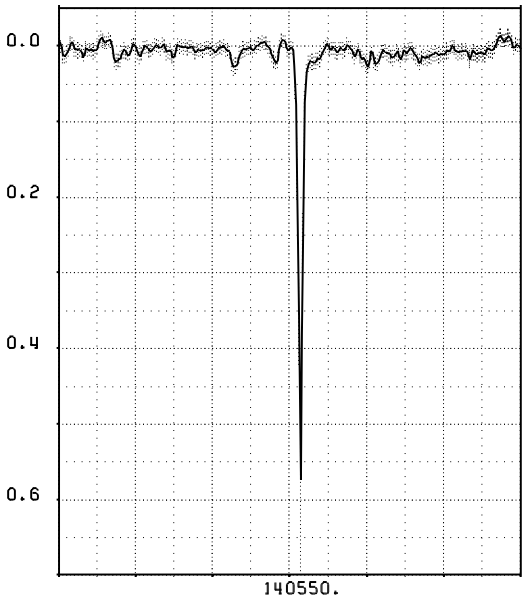
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