REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing this burden to Washington Headquarters Services. Directorate for information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget. Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY *(Leave Blank)*	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED
	May 1999	Technical 10/96 – 12/98

4. TITLE AND SUBTITLE
The dive profiles and manifestations of decompression sickness cases after air and nitrogen-oxygen dives. Volume II: Complete profiles and graphic representations for DCS events.

5. FUNDING NUMBERS
PE – 63713N
PR – M0099
TA – .01A
WU – 1510

6. AUTHOR(S)
Temple, D.J., R. Ball, P.K. Weathersby, E.C. Parker, and S.S. Survanshi

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
NAVAL MEDICAL RESEARCH CENTER
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BETHESDA, MARYLAND 20889-5607

8. PERFORMING ORGANIZATION REPORT NUMBER
NMRC 99-02

9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)
BUREAU OF MEDICINE AND SURGERY
(MED-02)
2300 E STREET, NW
WASHINGTON, DC 20372-5300

10. SPONSORING/MONITORING AGENCY REPORT NUMBER
DN241126

11. SUPPLEMENTARY NOTES

12a. DISTRIBUTION/AVAILABILITY STATEMENT
Approved for public release; distribution is unlimited

12b. DISTRIBUTION CODE

13. ABSTRACT *(Maximum 200 words)*

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14. SUBJECT TERMS
DCS, air and nitrox dives, manifestations signs and symptoms, dive profile

15. NUMBER OF PAGES
357

16. PRICE CODE

17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT
Unclassified	Unclassified	Unclassified	Unclassified

Naval Medical Research Center
8901 Wisconsin Avenue
Bethesda, Maryland 20889-5607

NMRC 99-02(Vol. II) May 1999

The Dive Profiles and Manifestations of Decompression Sickness Cases After Air and Nitrogen-Oxygen Dives.

Volume: II
Complete Profiles and Graphic Representations for DCS Events

D. J. Temple
R. Ball
P. K. Weathersby
E. C. Parker
S. S. Survanshi

Bureau of Medicine and Surgery
(MED-02)
Department of the Navy
Washington, DC 20372-5120

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NMRC 99-02 (Vol. II)

The experiments reported herein were conducted according to the principles set forth in the current edition of the "Guide for the Care and Use of Laboratory Animals," Institute of Laboratory Animal Resources, National Institutes of Health .

This technical report has been reviewed by the NMRC scientific and public affairs staff and is approved for publication. It is releasable to the National Technical Information Service where it will be available to the general public, including foreign nations.

THOMAS J. CONTRERAS
CAPT, MSC, USN
Commanding Officer
Naval Medical Research Center

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Unclassified	Unclassified	Unclassified	Unclassified

I. Single Air

SECTION I: SINGLE AIR DIVES

A. DC4D 797 dives: 19 DCS, 4 Marginal

Profile #2	Profile #3	Profile #4	Profile #7	Profile #12
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Profile #17	**Profile #23**	**Profile #38**	**Profile #40**	**Profile # 42**
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3.90, 172,	3.40, 177,	23.00, 146,	50.00, 40,	6.00, 96,
4.00, 177,	25.00, 177,	26.00, 144,	53.00, 35,	10.00, 194,
15.00, 177,	25.10, 176,	45.00, 145,	56.00, 32,	15.00, 196,
15.10, 172,	26.00, 129,	47.00, 47,	60.00, 26,	30.00, 195,
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21.50, 25,	36.00, 30,	60.00, 24,	96.00, 6,	41.00, 35,
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	80.50, 2,	1558.00, 0.00,		98.00, 2,
	80.90, 1,			99.00, 0,
	81.00, 0,			1539.00, 0.00,
	1521.00, 0.00,			

Profile #66	Profile #67	Profile #120	Profile #126	Profile #133
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Profile #135

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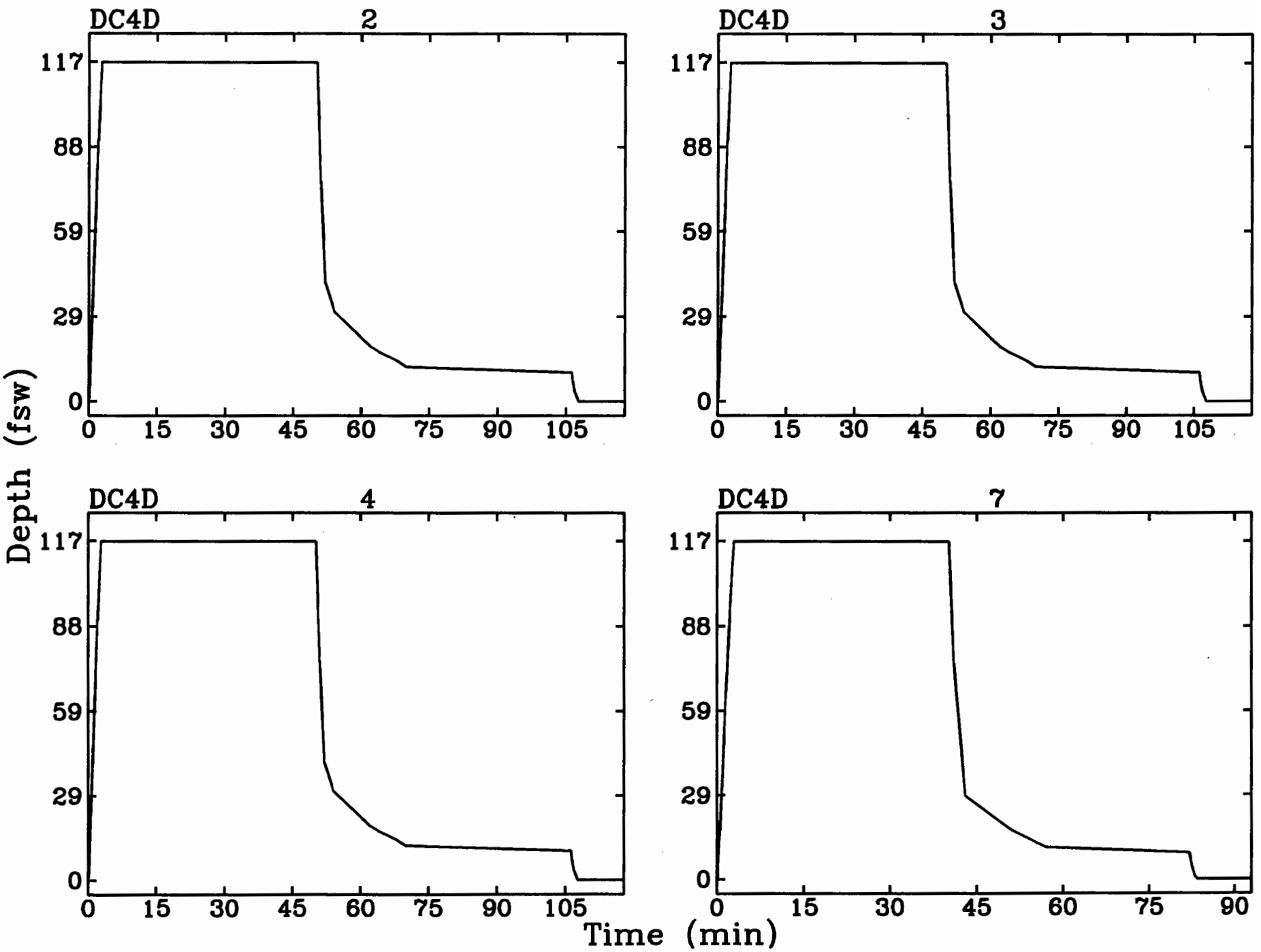
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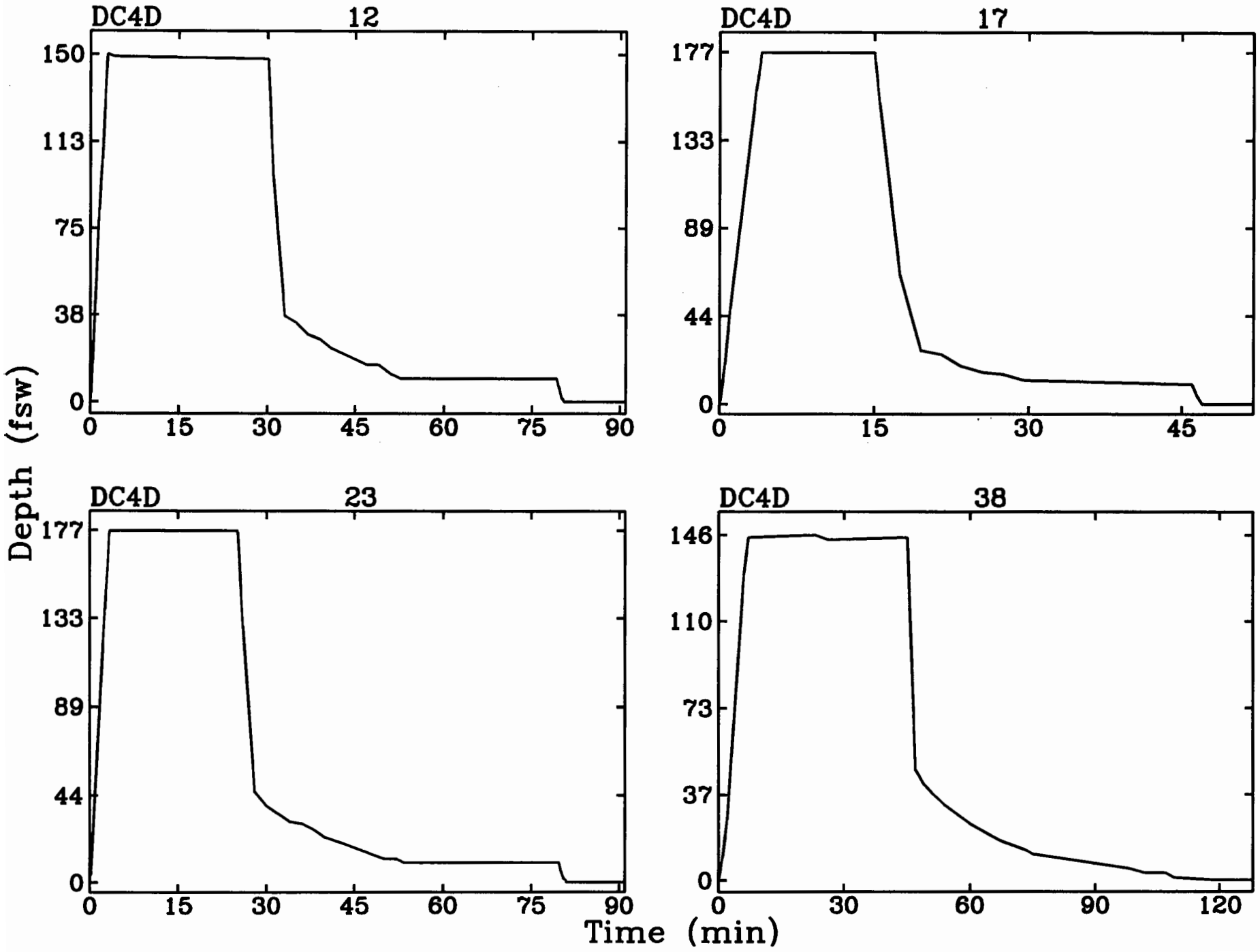
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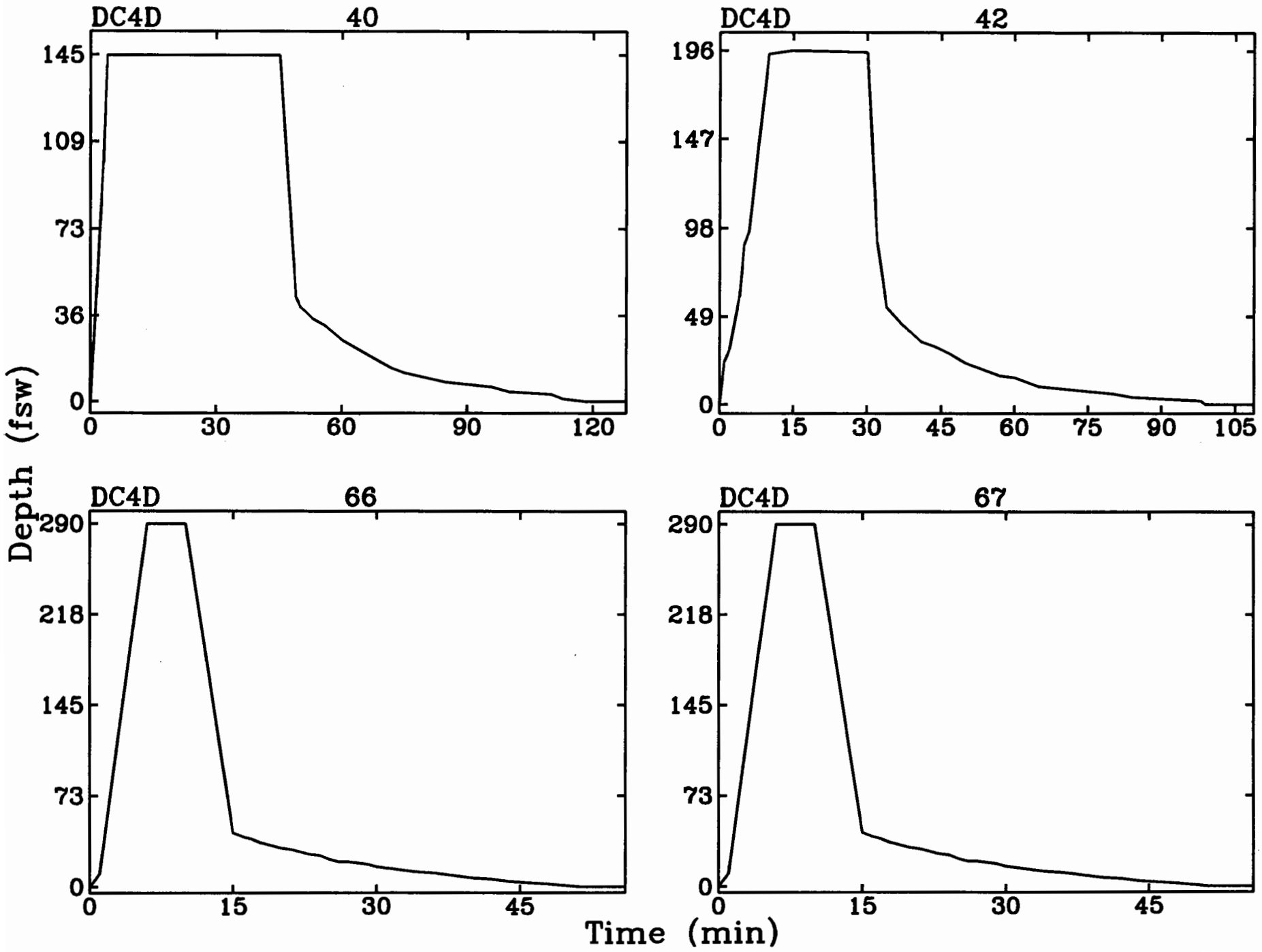
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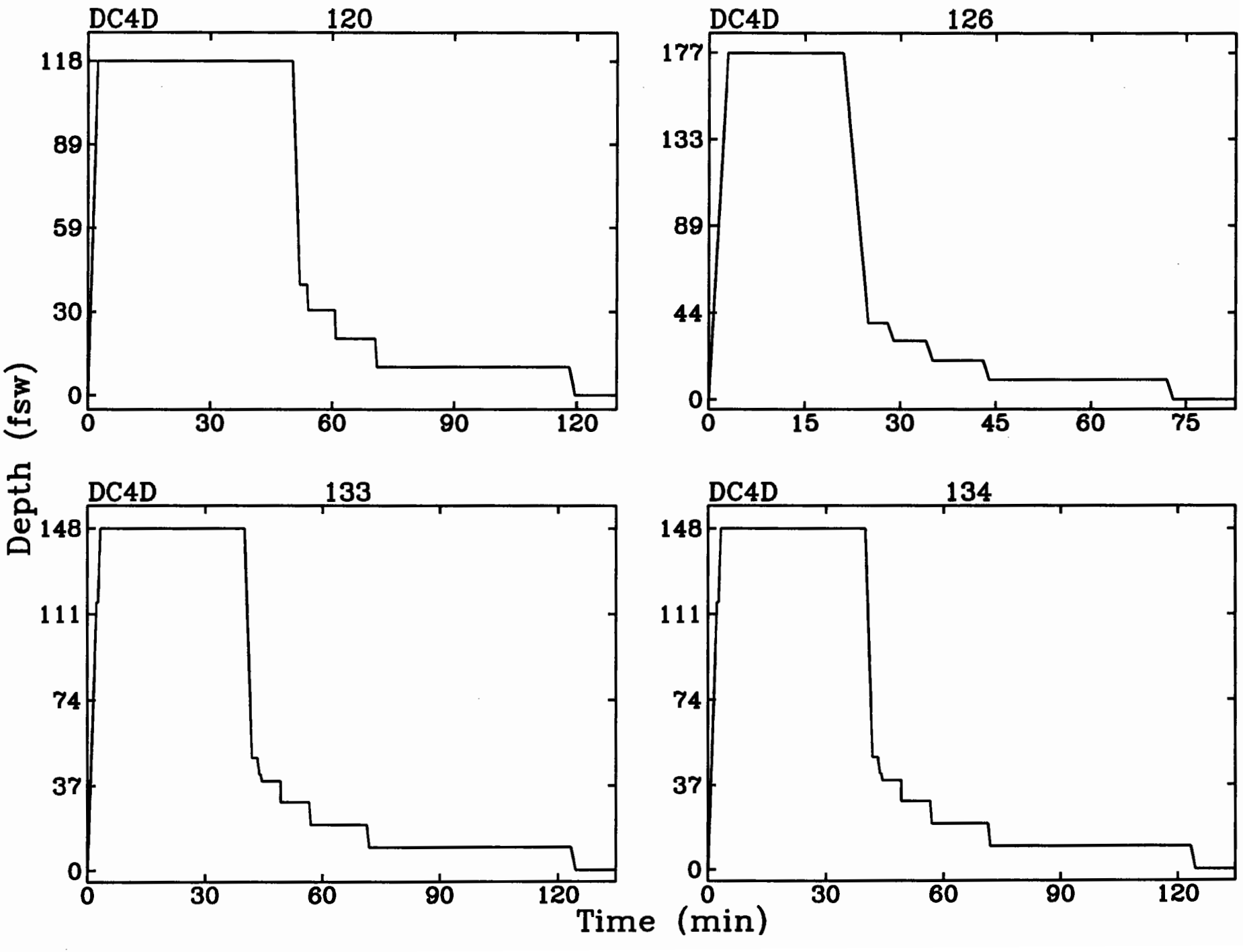
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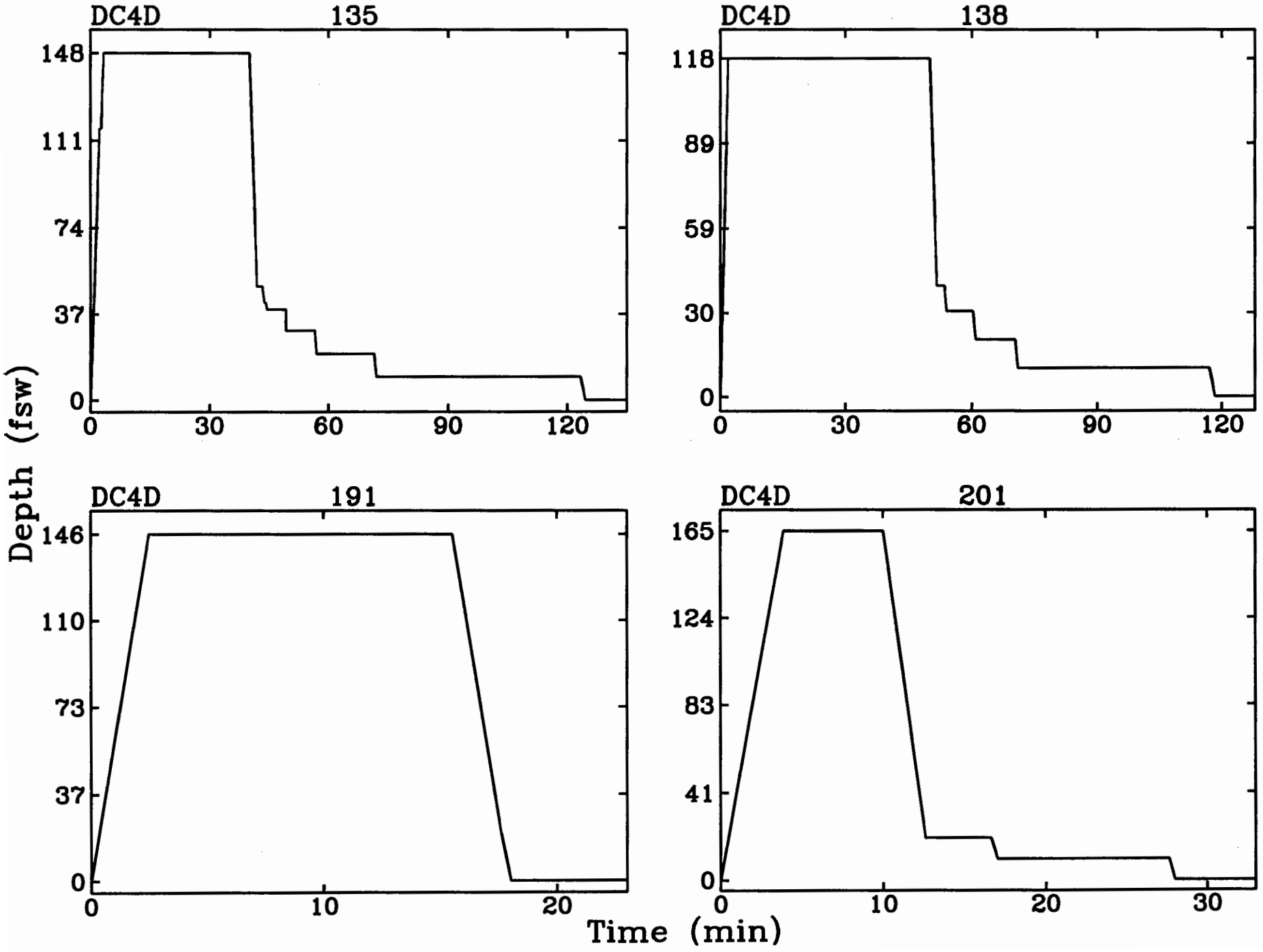
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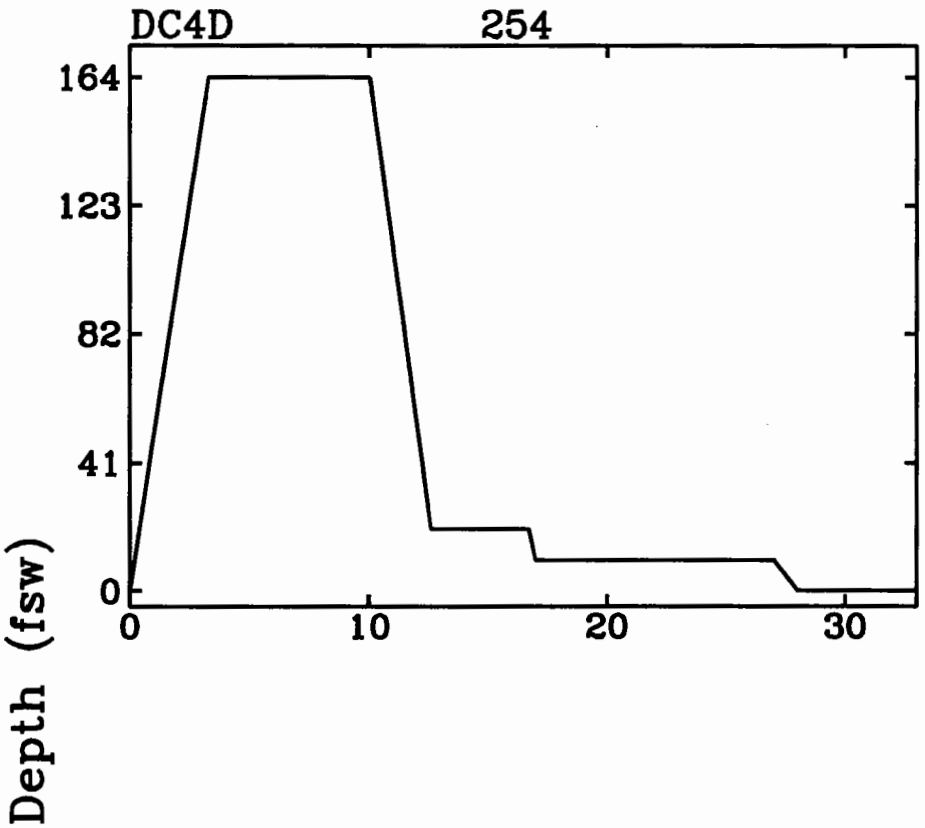
Time (min)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Depth (fsw)
Time (min)

SECTION I: SINGLE AIR DIVES
B: EDU557 568 dives: 27 DCS, 0 Marginal

Profile #7	Profile #13	Profile #14	Profile #21	Profile #24
77.0, 110.0, 49.3, 1.000, 1, 1.0, 280.0, 400.0, 0.00, 0.00, 1.00, 77.00, 110.00, 77.00, 111.00, 19.00, 119.00, 19.00, 119.10, 9.00, 159.10, 9.00, 159.30, 0.00, 1599.30, 0.00,	97.0, 100.0, 81.6, 1.000, 1, 1.0, 212.0, 308.0, 0.00, 0.00, 1.30, 97.00, 100.00, 97.00, 101.10, 29.00, 106.10, 29.00, 106.30, 19.00, 132.30, 19.00, 132.50, 9.00, 181.50, 9.00, 181.60, 0.00, 1621.60, 0.00,	97.0, 100.0, 81.6, 1.000, 1, 1.0, 212.0, 343.0, 0.00, 0.00, 1.30, 97.00, 100.00, 97.00, 101.10, 29.00, 106.10, 29.00, 106.30, 19.00, 132.30, 19.00, 132.50, 9.00, 181.50, 9.00, 181.60, 0.00, 1621.60, 0.00,	107.0, 80.0, 73.8, 1.000, 1, 1.0, 80.0, 273.8, 0.00, 0.00, 1.40, 107.00, 80.00, 107.00, 81.30, 29.00, 86.30, 29.00, 86.50, 19.00, 112.50, 19.00, 112.60, 9.00, 153.60, 9.00, 153.80, 0.00, 1593.80, 0.00,	107.0, 90.0, 87.8, 1.000, 1, 1.0, 126.5, 193.0, 0.00, 0.00, 1.40, 107.00, 90.00, 107.00, 91.30, 29.00, 100.30, 29.00, 100.50, 19.00, 126.50, 19.00, 126.60, 9.00, 177.60, 9.00, 177.80, 0.00, 1617.80, 0.00,
Profile #25	**Profile # 35**	**Profile #37**	**Profile #40**	**Profile #46**
107.0, 90.0, 87.8, 1.000, 1, 1.0, 90.0, 502.3, 0.00, 0.00, 1.40, 107.00, 90.00, 107.00, 91.30, 29.00, 100.30, 29.00, 100.50, 19.00, 126.50, 19.00, 126.60, 9.00, 177.60, 9.00, 177.80, 0.00, 1617.80, 0.00,	127.0, 50.0, 47.1, 1.000, 1, 1.0, 50.0, 130.1, 0.00, 0.00, 1.70, 127.00, 50.00, 127.00, 51.60, 29.00, 54.60, 29.00, 54.80, 19.00, 75.80, 19.00, 76.00, 9.00, 97.00, 9.00, 97.10, 0.00, 1537.10, 0.00,	127.0, 50.0, 53.1, 1.000, 1, 1.0, 50.0, 153.1, 0.00, 0.00, 1.70, 127.00, 50.00, 127.00, 51.60, 29.00, 54.60, 29.00, 54.80, 19.00, 75.80, 19.00, 76.00, 9.00, 103.00, 9.00, 103.10, 0.00, 1543.10, 0.00,	127.0, 60.0, 70.1, 1.000, 1, 1.0, 60.0, 988.1, 0.00, 0.00, 1.70, 127.00, 60.00, 127.00, 61.60, 29.00, 68.60, 29.00, 68.80, 19.00, 94.80, 19.00, 95.00, 9.00, 130.00, 9.00, 130.10, 0.00, 1570.10, 0.00,	137.0, 80.0, 135.3, 1.000, 1, 1.0, 245.0, 395.0, 0.00, 0.00, 1.80, 137.00, 80.00, 137.00, 81.60, 39.00, 86.60, 39.00, 86.80, 29.00, 107.80, 29.00, 108.00, 19.00, 154.00, 19.00, 154.10, 9.00, 215.10, 9.00, 215.30, 0.00, 1655.30, 0.00,

Profile #47	Profile #65	Profile #70	Profile #87	Profile #88
137.0, 80.0, 135.3, 1.000, 1, 1.0, 80.0, 806.3, 0.00, 0.00, 1.80, 137.00, 80.00, 137.00, 81.60, 39.00, 86.60, 39.00, 86.80, 29.00, 107.80, 29.00, 108.00, 19.00, 154.00, 19.00, 154.10, 9.00, 215.10, 9.00, 215.30, 0.00, 1655.30, 0.00,	167.0, 30.0, 41.8, 1.000, 1, 1.0, 0.0, 0.0, 0.00, 0.00, 2.20, 167.00, 30.00, 167.00, 32.30, 29.00, 36.30, 29.00, 36.50, 19.00, 47.50, 19.00, 47.60, 9.00, 71.60, 9.00, 71.80, 0.00, 1511.80, 0.00,	167.0, 60.0, 136.8, 1.000, 1, 1.0, 60.0, 571.0, 0.00, 0.00, 2.20, 167.00, 60.00, 167.00, 62.00, 49.00, 64.00, 49.00, 64.10, 39.00, 79.10, 39.00, 79.30, 29.00, 101.30, 29.00, 101.50, 19.00, 138.50, 19.00, 138.60, 9.00, 196.60, 9.00, 196.80, 0.00, 1636.80, 0.00,	197.0, 30.0, 58.3, 1.000, 1, 1.0, 30.0, 335.3, 0.00, 0.00, 2.60, 197.00, 30.00, 197.00, 32.60, 39.00, 34.60, 39.00, 34.80, 29.00, 43.80, 29.00, 44.00, 19.00, 66.00, 19.00, 66.10, 9.00, 88.10, 9.00, 88.30, 0.00, 1528.30, 0.00,	197.0, 30.0, 58.3, 1.000, 1, 1.0, 30.0, 93.0, 0.00, 0.00, 2.60, 197.00, 30.00, 197.00, 32.60, 39.00, 34.60, 39.00, 34.80, 29.00, 43.80, 29.00, 44.00, 19.00, 66.00, 19.00, 66.10, 9.00, 88.10, 9.00, 88.30, 0.00, 1528.30, 0.00,
Profile #90	**Profile #92**	**Profile #104**	**Profile #106**	**Profile #108**
197.0, 30.0, 64.3, 1.000, 1, 1.0, 30.0, 94.3, 0.00, 0.00, 2.60, 197.00, 30.00, 197.00, 32.60, 39.00, 34.60, 39.00, 34.80, 29.00, 43.80, 29.00, 44.00, 19.00, 66.00, 19.00, 66.10, 9.00, 94.10, 9.00, 94.30, 0.00, 1534.30, 0.00,	197.0, 30.0, 62.3, 1.000, 1, 1.0, 122.0, 272.0, 0.00, 0.00, 2.60, 197.00, 30.00, 197.00, 32.60, 39.00, 35.60, 39.00, 35.80, 29.00, 43.80, 29.00, 44.00, 19.00, 61.00, 19.00, 61.10, 9.00, 92.10, 9.00, 92.30, 0.00, 1532.30, 0.00,	227.0, 20.0, 44.8, 1.000, 1, 1.0, 0.0, 0.0, 0.00, 0.00, 3.00, 227.00, 20.00, 227.00, 23.10, 39.00, 25.10, 39.00, 25.30, 29.00, 30.30, 29.00, 30.50, 19.00, 41.50, 19.00, 41.60, 9.00, 64.60, 9.00, 64.80, 0.00, 1504.80, 0.00,	227.0, 25.0, 58.8, 1.000, 1, 1.0, 83.8, 204.0, 0.00, 0.00, 3.00, 227.00, 25.00, 227.00, 28.10, 39.00, 32.10, 39.00, 32.30, 29.00, 40.30, 29.00, 40.50, 19.00, 62.50, 19.00, 62.60, 9.00, 83.60, 9.00, 83.80, 0.00, 1523.80, 0.00,	227.0, 25.0, 64.8, 1.000, 1, 1.0, 120.0, 390.0, 0.00, 0.00, 3.00, 227.00, 25.00, 227.00, 28.10, 39.00, 32.10, 39.00, 32.30, 29.00, 40.30, 29.00, 40.50, 19.00, 62.50, 19.00, 62.60, 9.00, 89.60, 9.00, 89.80, 0.00, 1529.80, 0.00,

Profile #110

227.0, 25.0, 68.8,
1.000, 1, 1.0, 233.8, 819.0,
0.00, 0.00,
3.00, 227.00,
25.00, 227.00,
28.00, 49.00,
30.00, 49.00,
30.10, 39.00,
35.10, 39.00,
35.30, 29.00,
45.30, 29.00,
45.50, 19.00,
64.50, 19.00,
64.60, 9.00,
93.60, 9.00,
93.80, 0.00,
1533.80, 0.00,

Profile #111

227.0, 25.0, 68.8,
1.000, 1, 1.0, 25.0, 189.0,
0.00, 0.00,
3.00, 227.00,
25.00, 227.00,
28.00, 49.00,
30.00, 49.00,
30.10, 39.00,
35.10, 39.00,
35.30, 29.00,
45.30, 29.00,
45.50, 19.00,
64.50, 19.00,
64.60, 9.00,
93.60, 9.00,
93.80, 0.00,
1533.80, 0.00,

Profile #121

267.0, 20.0, 60.5,
1.000, 1, 1.0, 20.0, 155.5,
0.00, 0.00,
3.60, 267.00,
20.00, 267.00,
23.60, 49.00,
25.60, 49.00,
25.80, 39.00,
28.80, 39.00,
29.00, 29.00,
38.00, 29.00,
38.10, 19.00,
59.10, 19.00,
59.30, 9.00,
80.30, 9.00,
80.50, 0.00,
1520.50, 0.00,

Profile #127

287.0, 30.0, 143.8,
1.000, 1, 1.0, 111.5, 183.8,
0.00, 0.00,
3.80, 287.00,
30.00, 287.00,
33.60, 69.00,
34.60, 69.00,
34.80, 59.00,
39.80, 59.00,
40.00, 49.00,
46.00, 49.00,
46.10, 39.00,
62.10, 39.00,
62.30, 29.00,
84.30, 29.00,
84.50, 19.00,
111.50, 19.00,
111.60, 9.00,
173.60, 9.00,
173.80, 0.00,
1613.80, 0.00,

Profile #128

287.0, 30.0, 144.8,
1.000, 1, 1.0, 30.0, 174.8,
0.00, 0.00,
3.80, 287.00,
30.00, 287.00,
33.60, 69.00,
37.60, 69.00,
37.80, 59.00,
42.80, 59.00,
43.00, 49.00,
48.00, 49.00,
48.10, 39.00,
61.10, 39.00,
61.30, 29.00,
77.30, 29.00,
77.50, 19.00,
100.50, 19.00,
100.60, 9.00,
174.60, 9.00,
174.80, 0.00,
1614.80, 0.00,

Profile #129

287.0, 30.0, 144.8,
1.000, 1, 1.0, 30.0, 174.8,
0.00, 0.00,
3.80, 287.00,
30.00, 287.00,
33.60, 69.00,
37.60, 69.00,
37.80, 59.00,
42.80, 59.00,
43.00, 49.00,
48.00, 49.00,
48.10, 39.00,
61.10, 39.00,
61.30, 29.00,
77.30, 29.00,
77.50, 19.00,
100.50, 19.00,
100.60, 9.00,
174.60, 9.00,
174.80, 0.00,
1614.80, 0.00,

Profile #131

287.0, 30.0, 162.8,
1.000, 1, 1.0, 30.0, 336.8,
0.00, 0.00,
3.80, 287.00,
30.00, 287.00,
33.50, 79.00,
34.50, 79.00,
34.60, 69.00,
40.60, 69.00,
40.80, 59.00,
44.80, 59.00,
45.00, 49.00,
58.00, 49.00,
58.10, 39.00,
73.10, 39.00,
73.30, 29.00,
90.30, 29.00,
90.50, 19.00,
129.50, 19.00,
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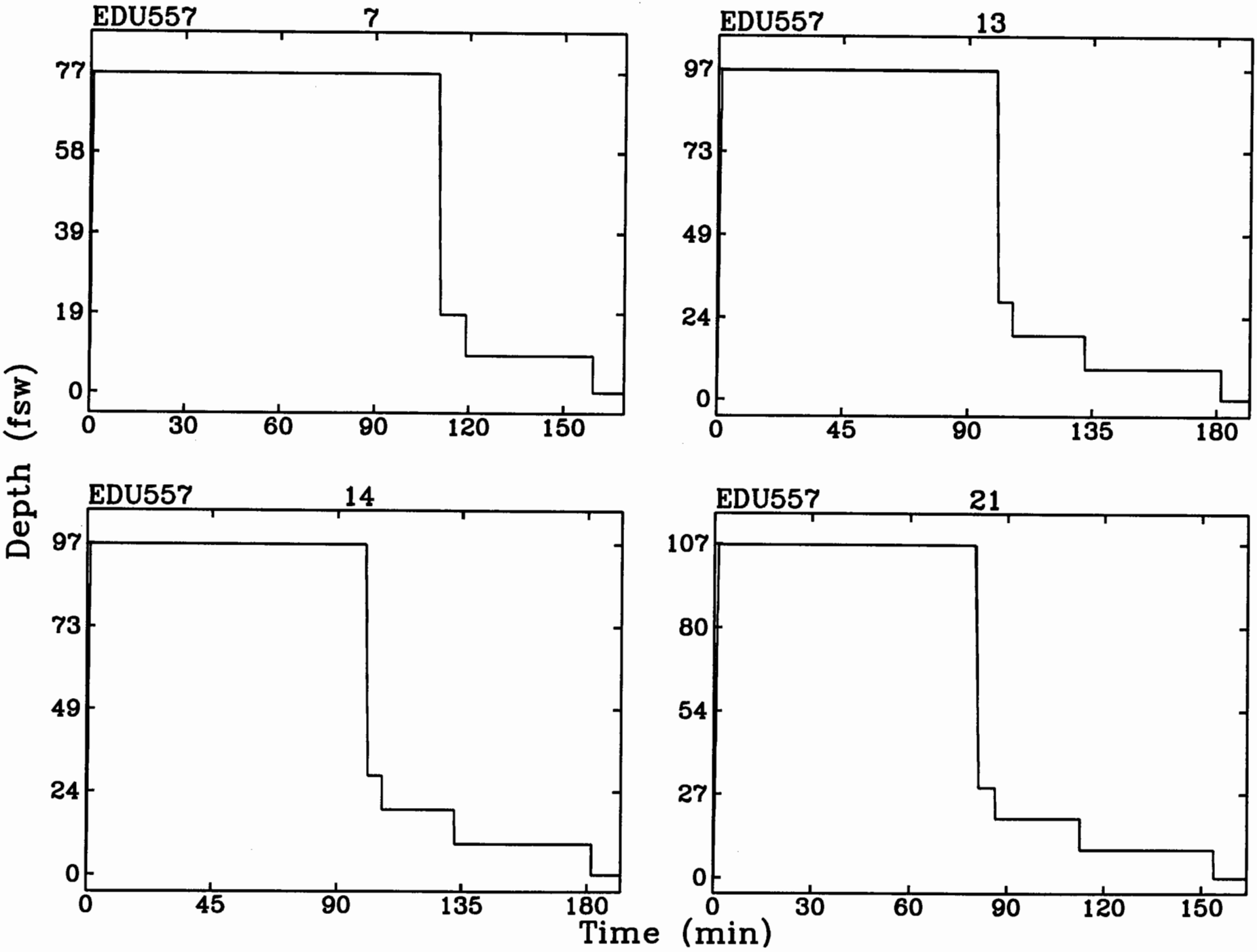
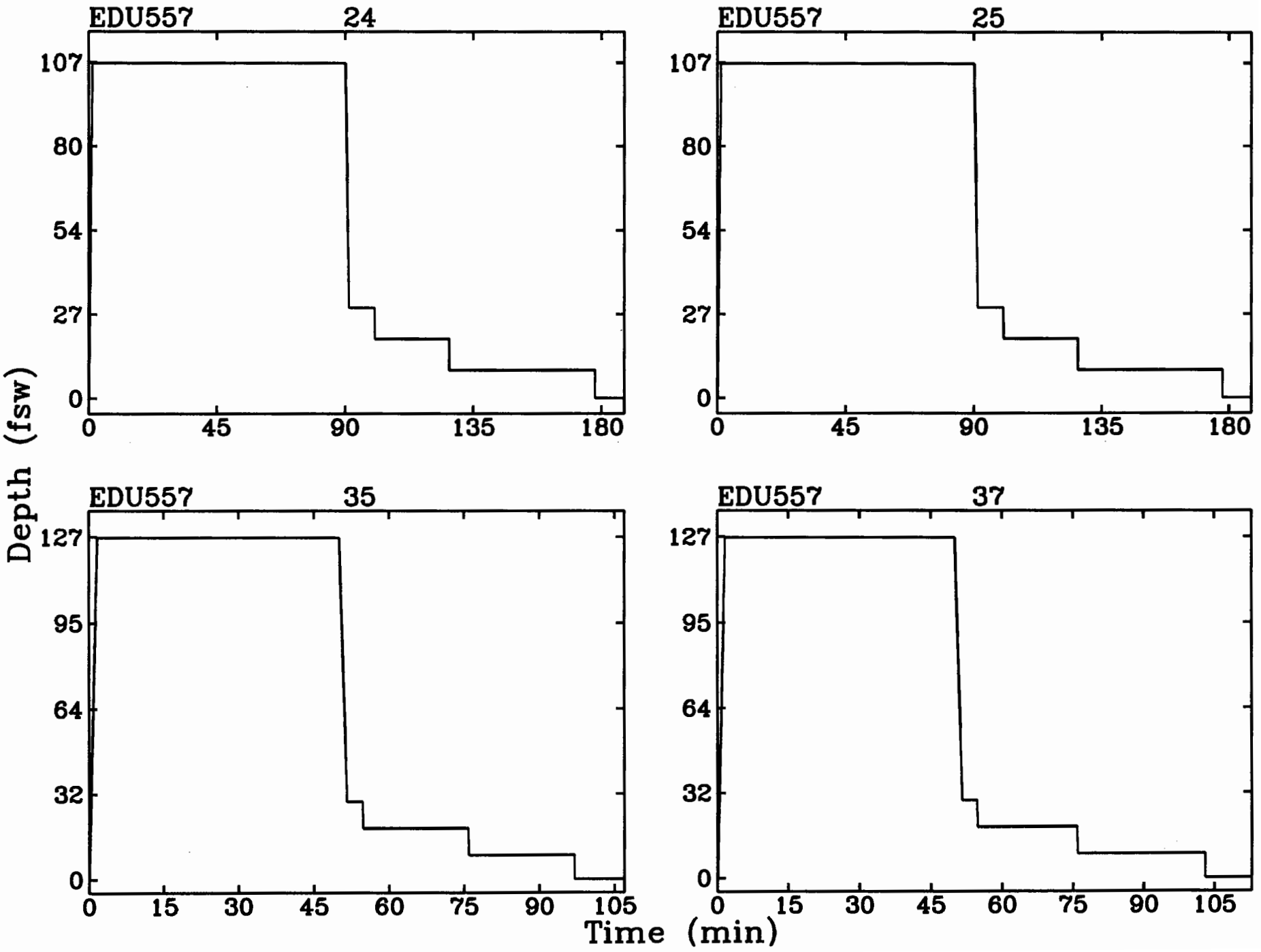
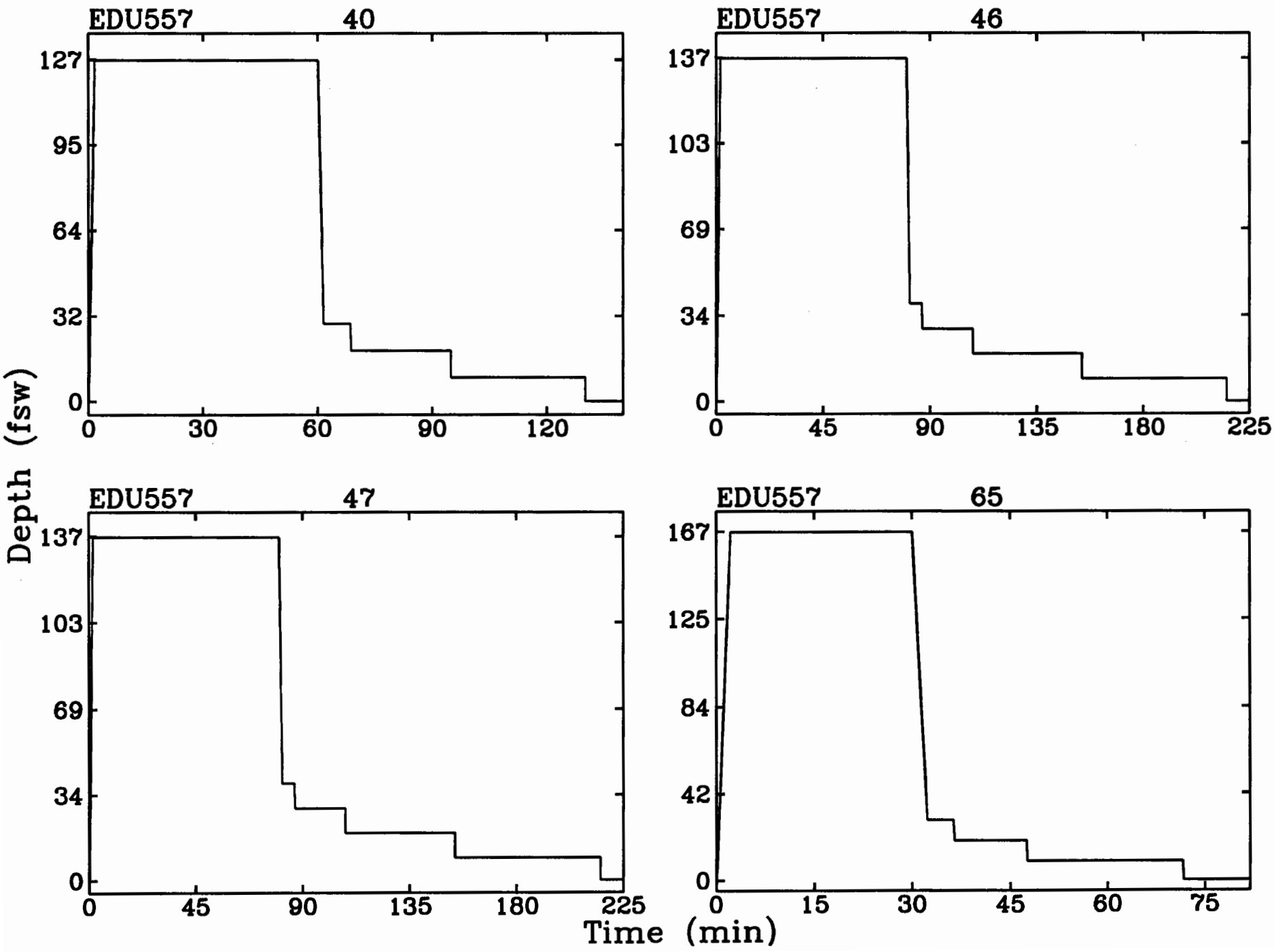
192.60, 9.00,
192.80, 0.00,
1632.80, 0.00,


EDU557 7
77
58
39
19
0
0 30 60 90 120 150
EDU557 13
97
73
49
24
0
0 45 90 135 180
EDU557 14
97
73
49
24
0
0 45 90 135 180
EDU557 21
107
80
54
27
0
0 30 60 90 120 150
Depth (fsw)
Time (min)


EDU557 24
EDU557 25
EDU557 35
EDU557 37
Depth (fsw)
Time (min)
107
80
54
27
0
127
95
64
32
0
45
90
135
180
15
30
60
75
105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127
95
64
32
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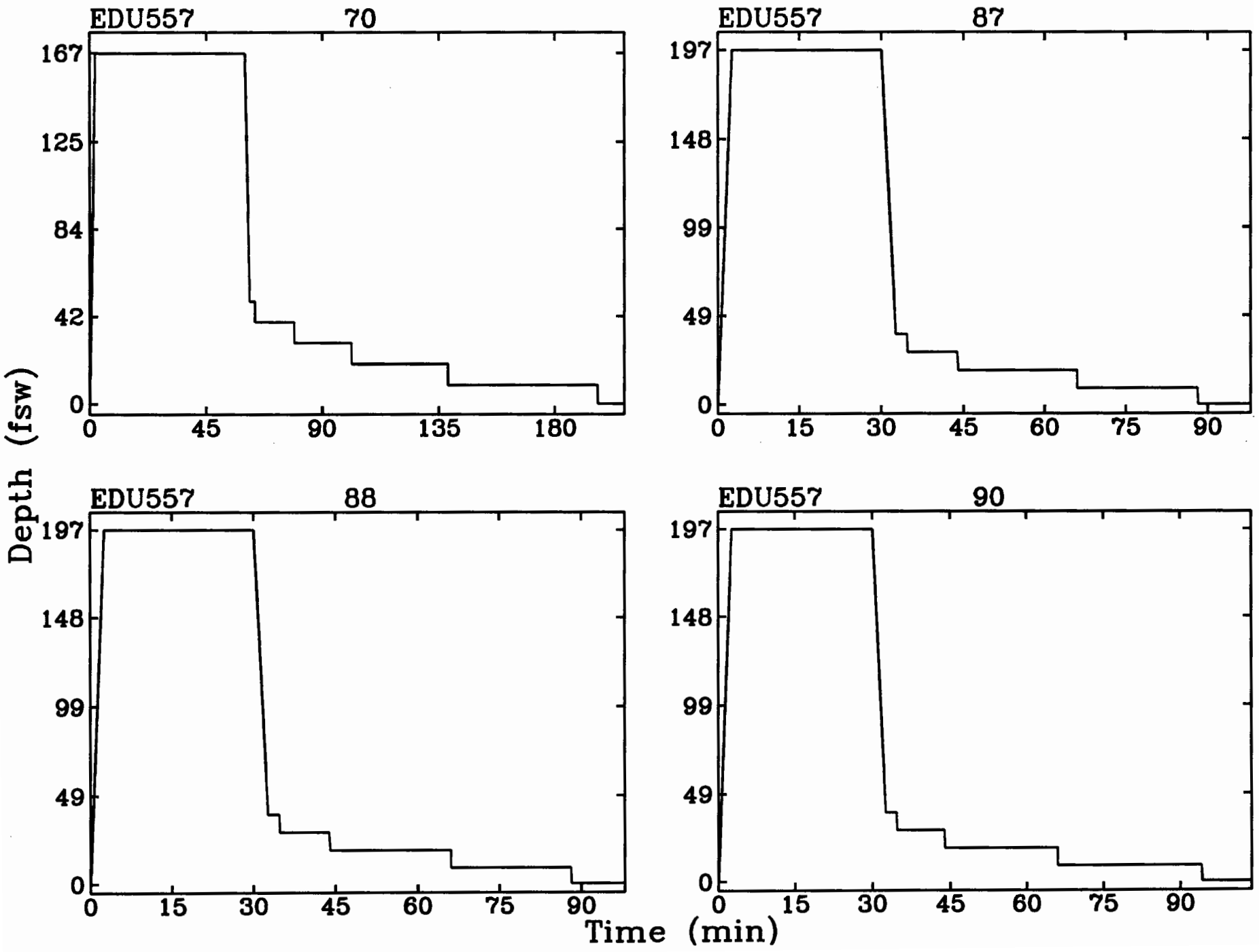
0 30 60 90 120
EDU557 46
137
103
69
34
0
0 45 90 135 180 225
EDU557 47
137
103
69
34
0
0 45 90 135 180 225
EDU557 65
167
125
84
42
0
0 15 30 45 60 75
Depth (fsw)
Time (min)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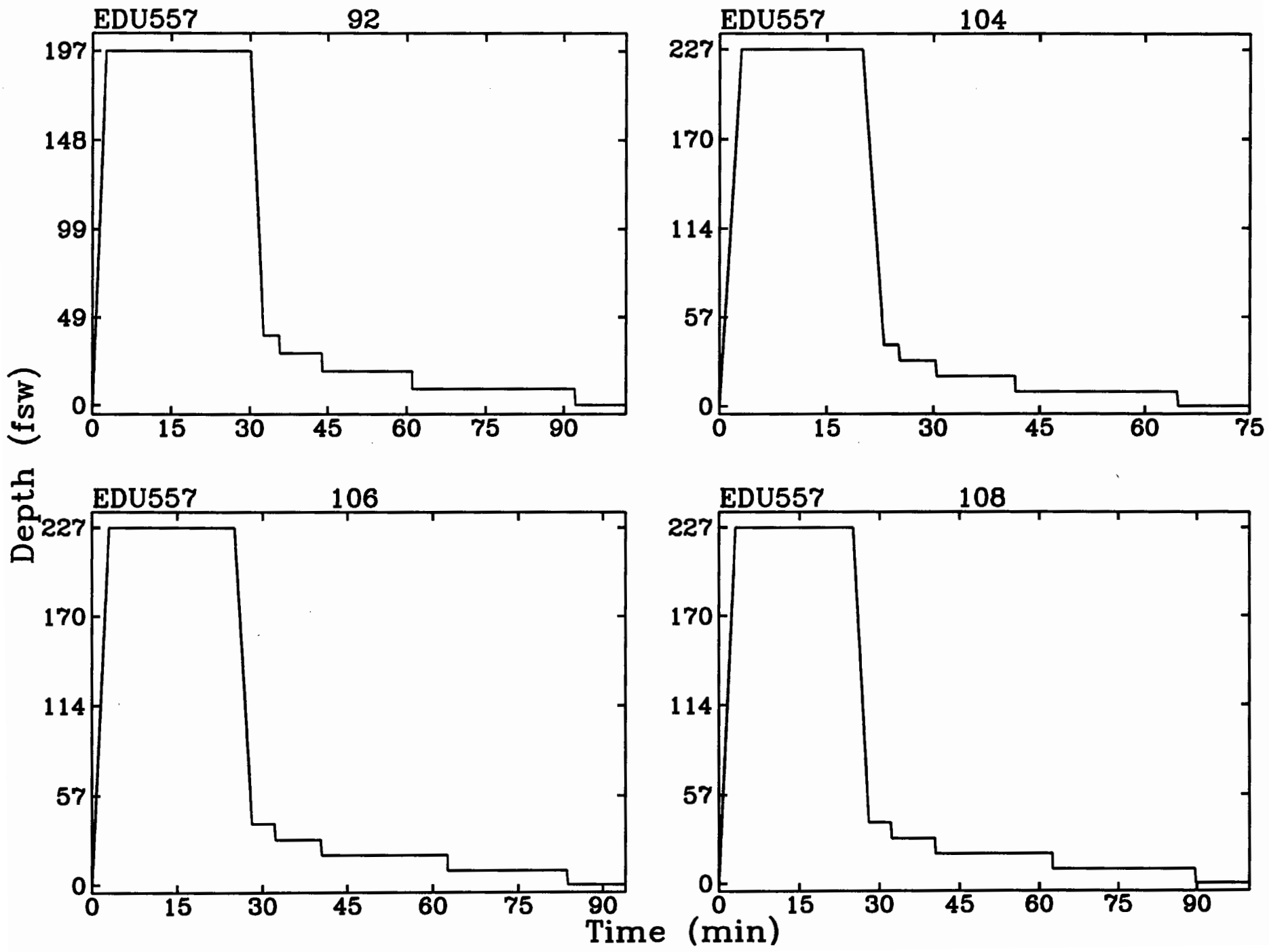
125
84
42
0
0 45 90 135 180
EDU557 87
197
148
99
49
0
0 15 30 45 60 75 90
EDU557 88
197
148
99
49
0
0 15 30 45 60 75 90
EDU557 90
197
148
99
49
0
0 15 30 45 60 75 90
Depth (fsw)
Time (min)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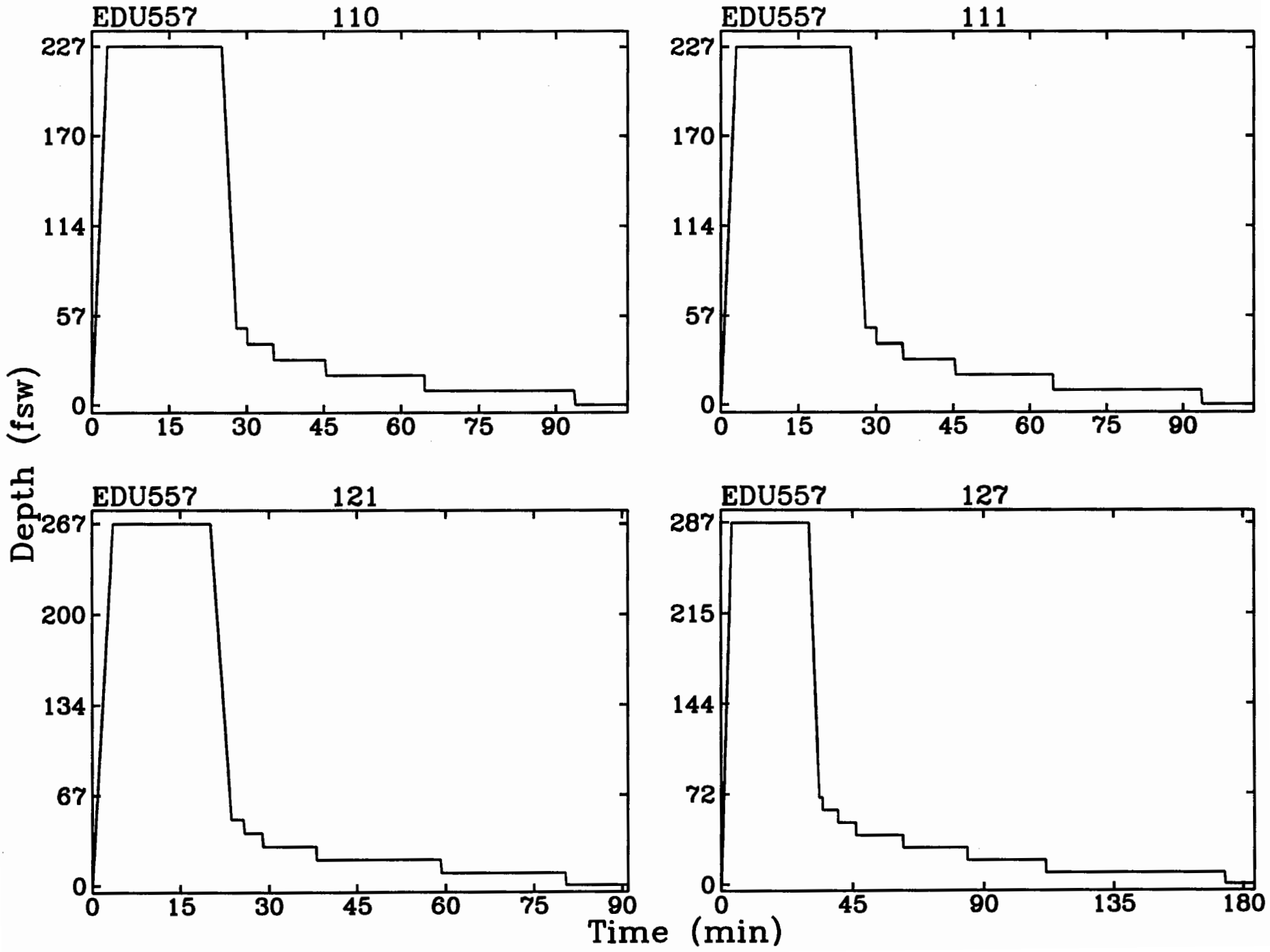
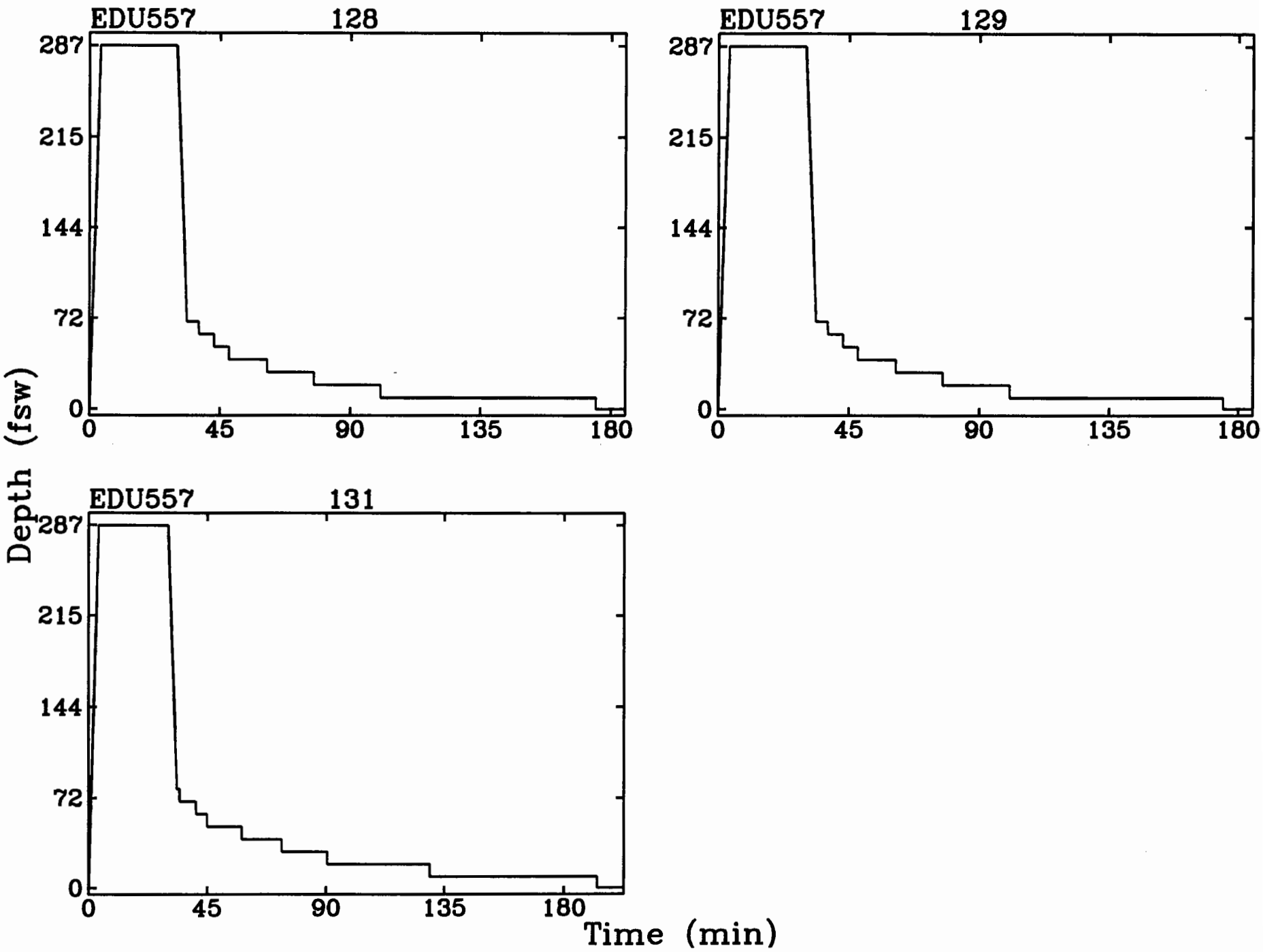
197
148
99
49
0
0 15 30 45 60 75 90
EDU557 104
227
170
114
57
0
0 15 30 45 60 75
EDU557 106
227
170
114
57
0
0 15 30 45 60 75 90
EDU557 108
227
170
114
57
0
0 15 30 45 60 75 90
Depth (fsw)
Time (min)


EDU557 110
227
170
114
57
0
0 15 30 45 60 75 90
EDU557 111
227
170
114
57
0
0 15 30 45 60 75 90
Depth (fsw)
EDU557 121
267
200
134
67
0
0 15 30 45 60 75 90
EDU557 127
287
215
144
72
0
0 45 90 135 180
Time (min)


EDU557 128
EDU557 129
EDU557 131
287
215
144
72
0
0
45
90
135
180
Depth (fsw)
Time (min)

SECTION I: SINGLE AIR DIVES

C. EDU885A 483 dives: 30 DCS, 0 Marginal

Profile #3	Profile #4	Profile #7	Profile #13	Profile #14
150.0, 59.6, 260.5,	150.0, 59.6, 260.5,	60.0, 182.6, 153.8,	150.0, 64.0, 151.3,	150.0, 64.0, 151.3,
1.000, 1, 1.0, 319.9, 325.1,	1.000, 1, 1.0, 350.1, 440.1,	1.000, 1, 1.0, 456.0, 756.0,	1.000, 1, 1.0, 165.5, 275.0,	1.000, 1, 1.0, 475.0, 775.0,
0.00, 0,	0.00, 0,	0.00, 0,	0.00, 0,	0.00, 0,
0.20, 7,	0.20, 7,	0.20, 7,	0.20, 7,	0.20, 7,
1.40, 7,	1.40, 7,	2.50, 7,	2.00, 7,	2.00, 7,
7.10, 150,	7.10, 150,	3.90, 47,	8.70, 150,	8.70, 150,
59.60, 150,	59.60, 150,	4.60, 41,	64.00, 150,	64.00, 150,
61.60, 50,	61.60, 50,	5.60, 60,	66.90, 50,	66.90, 50,
73.60, 50,	73.60, 50,	182.60, 60,	82.30, 50,	82.30, 50,
73.80, 40,	73.80, 40,	183.90, 20,	82.60, 40,	82.60, 40,
106.40, 40,	106.40, 40,	211.40, 20,	121.70, 40,	121.70, 40,
106.70, 30,	106.70, 30,	211.70, 10,	122.00, 30,	122.00, 30,
150.20, 30,	150.20, 30,	336.10, 10,	165.50, 30,	165.50, 30,
150.30, 20,	150.30, 20,	336.40, 0,	165.70, 20,	165.70, 20,
199.70, 20,	199.70, 20,	1776.40, 0,	215.10, 20,	215.10, 20,
200.00, 10,	200.00, 10,		215.30, 10,	215.30, 10,
319.90, 10,	319.90, 10,		1655.30, 10,	290.10, 10,
320.10, 0,	320.10, 0,			290.40, 17,
1760.10, 0,	1760.10, 0,			299.40, 17,
				300.10, 10,
				354.30, 10,
				354.50, 0,
				1794.50, 0,

Profile #15

150.0, 64.0, 151.3,
1.000, 1, 1.0, 475.0, 1495.0,
0.00, 0,
0.20, 7,
2.00, 7,
8.70, 150,
64.00, 150,
66.90, 50,
82.30, 50,
82.60, 40,
121.70, 40,
122.00, 30,
165.50, 30,
165.70, 20,
215.10, 20,
215.30, 10,
290.10, 10,
290.40, 17,
299.40, 17,
300.10, 10,
354.30, 10,
354.50, 0,
1794.50, 0,

Profile #18

60.0, 182.2, 71.9,
1.000, 1, 1.0, 374.0, 554.0,
0.00, 0,
0.20, 7,
1.50, 7,
4.00, 60,
182.20, 60,
184.60, 10,
253.90, 10,
254.10, 0,
1694.10, 0,

Profile #19

60.0, 182.2, 71.9,
1.000, 1, 1.0, 374.0, 524.0,
0.00, 0,
0.20, 7,
1.50, 7,
4.00, 60,
182.20, 60,
184.60, 10,
253.90, 10,
254.10, 0,
1694.10, 0,

Profile #20

60.0, 182.2, 71.9,
1.000, 1, 1.0, 182.2, 494.0,
0.00, 0,
0.20, 7,
1.50, 7,
4.00, 60,
182.20, 60,
184.60, 10,
253.90, 10,
254.10, 0,
1694.10, 0,

Profile #22

60.0, 182.7, 111.1,
1.000, 1, 1.0, 203.6, 293.6,
0.00, 0,
0.20, 7,
2.10, 7,
4.00, 60,
182.70, 60,
183.60, 20,
203.60, 20,
203.80, 10,
293.60, 10,
293.80, 0,
1733.80, 0,

Profile #23

60.0, 182.7, 111.1,
1.000, 1, 1.0, 323.8, 444.0,
0.00, 0,
0.20, 7,
2.10, 7,
4.00, 60,
182.70, 60,
183.60, 20,
203.60, 20,
203.80, 10,
293.60, 10,
293.80, 0,
1733.80, 0,

Profile #24

60.0, 182.7, 111.1,
1.000, 2, 1.0, 323.8, 474.0,
0.00, 0,
0.20, 7,
2.10, 7,
4.00, 60,
182.70, 60,
183.60, 20,
203.60, 20,
203.80, 10,
293.60, 10,
293.80, 0,
1733.80, 0,

Profile #27

120.0, 64.0, 90.3,
1.000, 1, 1.0, 64.0, 154.1,
0.00, 0,
0.20, 7,
2.30, 7,
9.30, 120,
64.00, 120,
65.70, 30,
75.20, 30,
75.40, 20,
98.50, 20,
98.80, 10,
154.10, 10,
154.30, 0,
1594.30, 0,

Profile #34

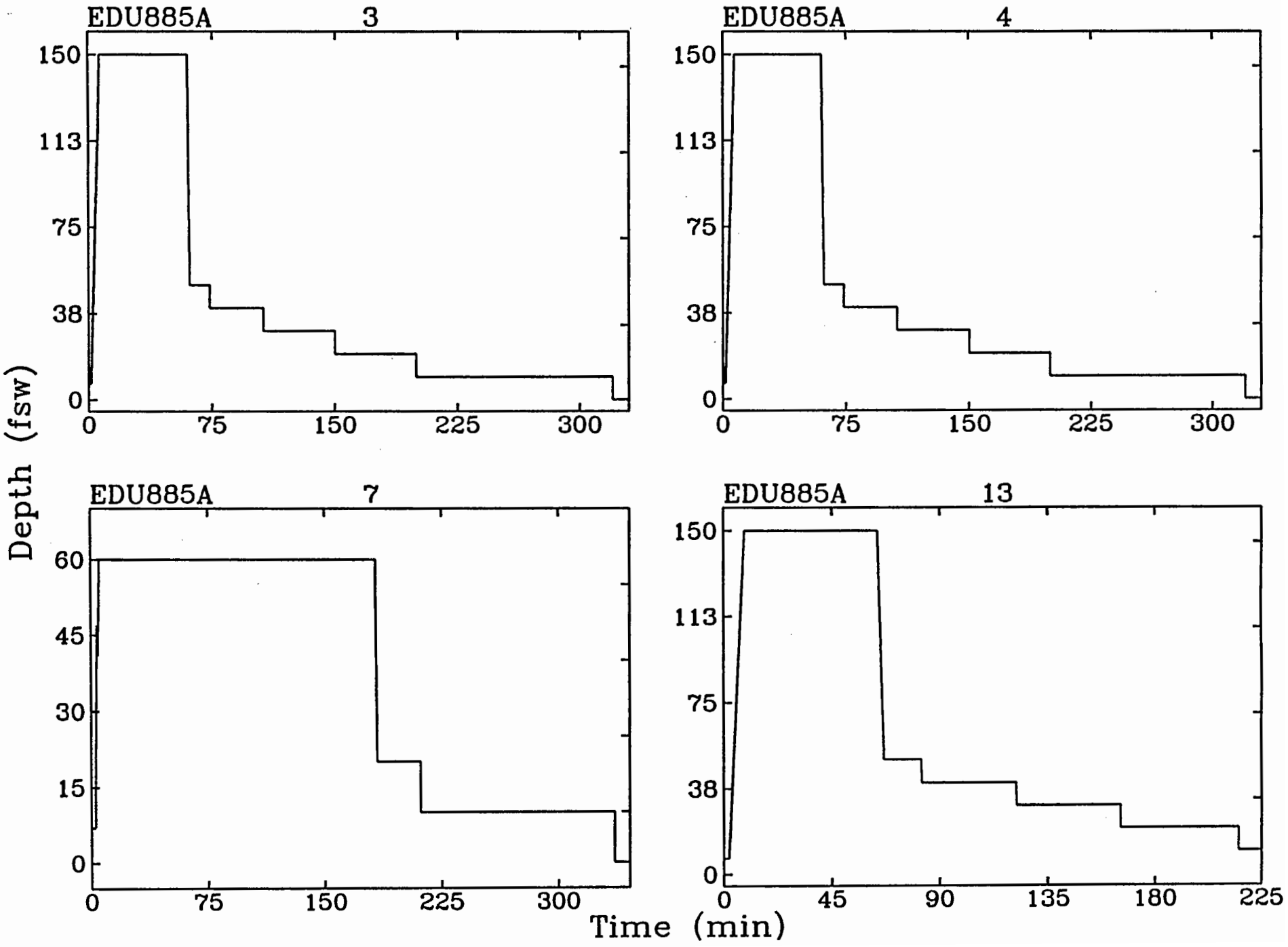
150.0, 45.3, 88.9,
1.000, 1, 1.0, 254.0, 434.0,
0.00, 0,
0.20, 7,
3.00, 7,
3.80, 32,
4.70, 32,
10.00, 147,
11.10, 147,
11.30, 150,
45.30, 150,
48.50, 40,
50.10, 40,
50.40, 30,
64.00, 30,
64.30, 20,
90.40, 20,
90.80, 10,
134.00, 10,
134.20, 0,
1574.20, 0,

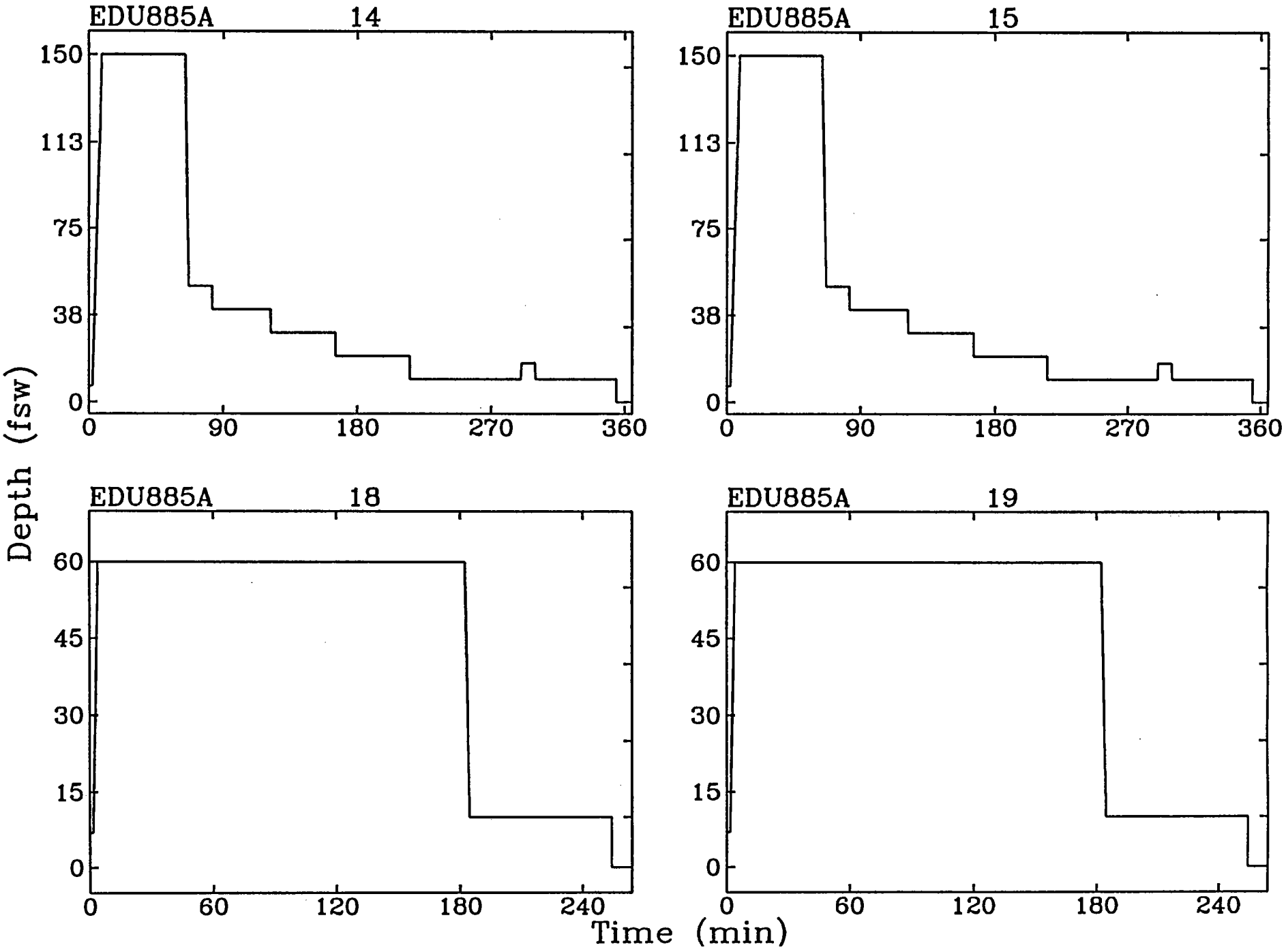
Profile #38

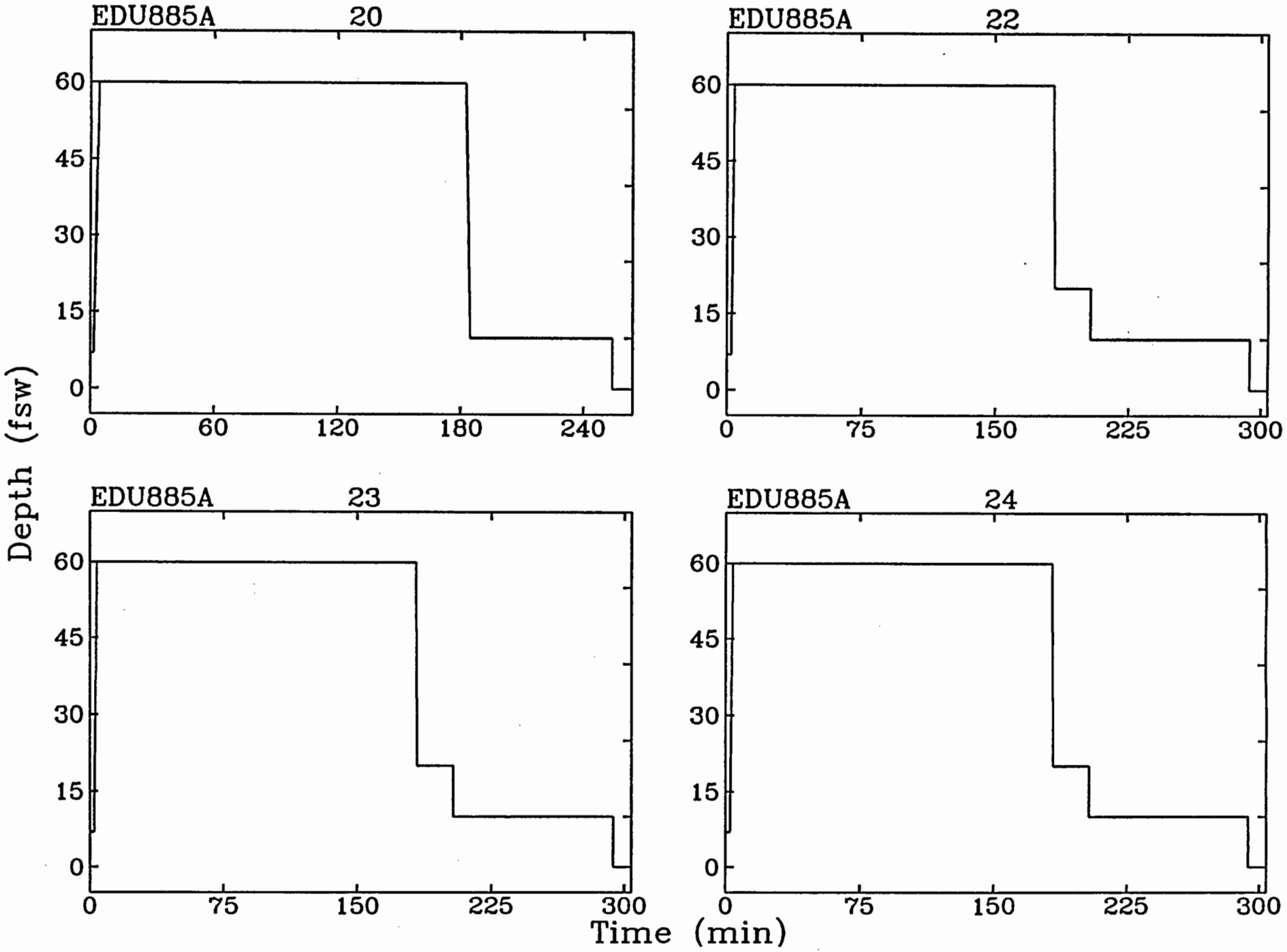
150.0, 50.5, 88.7,
1.000, 1, 1.0, 259.0, 559.0,
0.00, 0,
0.20, 7,
6.40, 7,
6.90, 23,
7.50, 18,
8.80, 18,
9.10, 31,
11.00, 31,
14.80, 150,
50.50, 150,
53.50, 40,
55.30, 40,
55.60, 30,
69.00, 30,
69.20, 20,
95.40, 20,
95.70, 10,
139.00, 10,
139.20, 0,

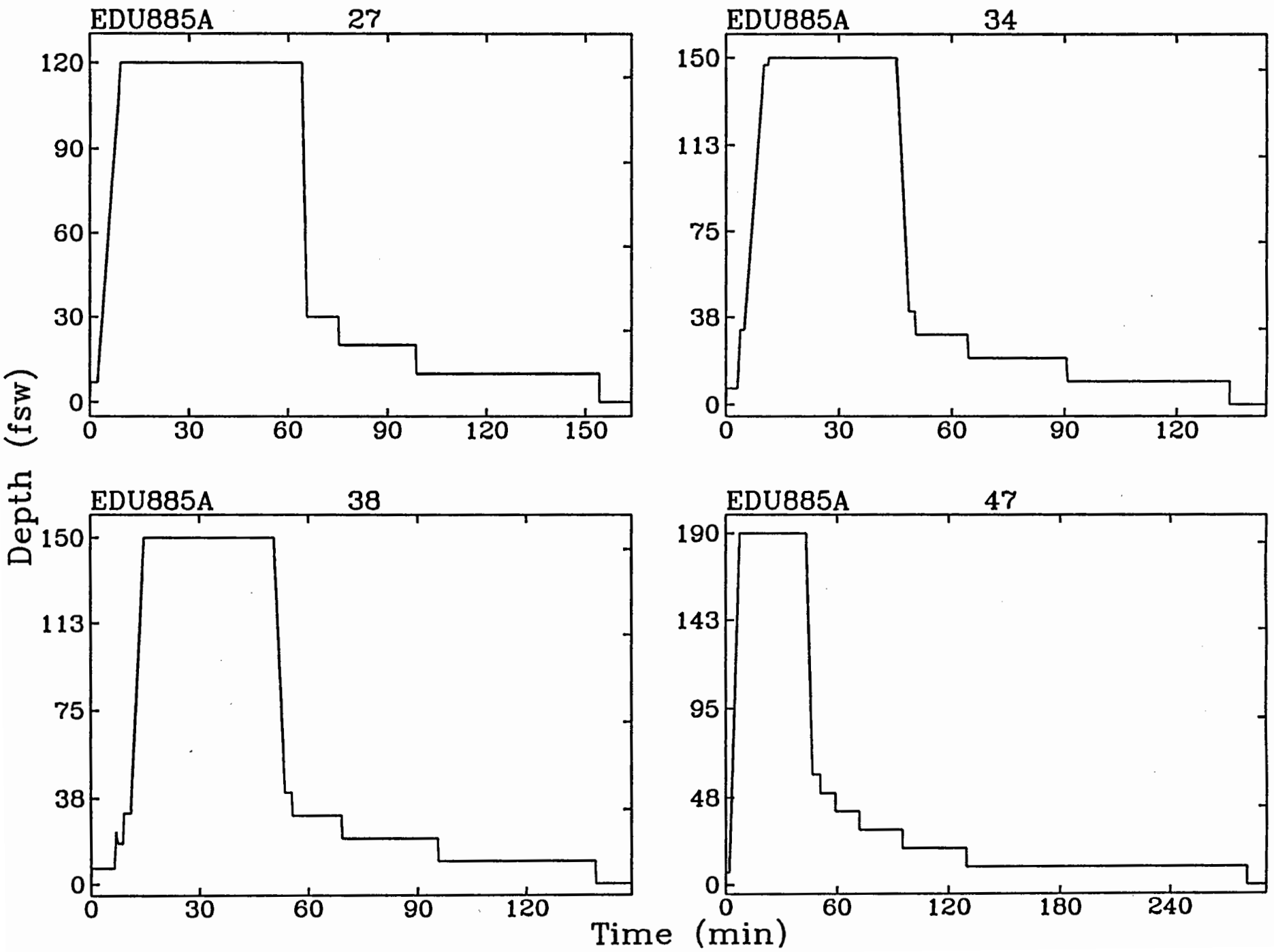
Profile #47	Profile #48	Profile #56	Profile #57	Profile #60
190.0, 43.1, 238.4, 1.000, 1, 1.0, 311.5, 461.0, 0.00, 0, 0.20, 7, 1.70, 7, 7.50, 190, 43.10, 190, 46.50, 60, 50.70, 60, 50.90, 50, 58.90, 50, 59.10, 40, 71.80, 40, 72.10, 30, 95.10, 30, 95.30, 20, 129.30, 20, 129.60, 10, 281.30, 10, 281.50, 0, 1721.50, 0,	190.0, 43.1, 238.4, 1.000, 1, 1.0, 401.0, 521.0, 0.00, 0, 0.20, 7, 1.70, 7, 7.50, 190, 43.10, 190, 46.50, 60, 50.70, 60, 50.90, 50, 58.90, 50, 59.10, 40, 71.80, 40, 72.10, 30, 95.10, 30, 95.30, 20, 129.30, 20, 129.60, 10, 281.30, 10, 281.50, 0, 1721.50, 0,	120.0, 82.9, 267.1, 1.000, 1, 1.0, 470.0, 770.0, 0.00, 0, 0.20, 7, 1.50, 7, 6.30, 120, 82.90, 120, 84.40, 40, 102.70, 40, 103.00, 30, 126.10, 30, 126.20, 20, 178.90, 20, 179.10, 10, 349.80, 10, 350.00, 0, 1790.00, 0,	120.0, 82.9, 267.1, 1.000, 1, 1.0, 470.0, 2680.0, 0.00, 0, 0.20, 7, 1.50, 7, 6.30, 120, 82.90, 120, 84.40, 40, 102.70, 40, 103.00, 30, 126.10, 30, 126.20, 20, 178.90, 20, 179.10, 10, 349.80, 10, 350.00, 0, 1790.00, 0,	120.0, 72.9, 212.7, 1.000, 1, 1.0, 72.9, 287.6, 0.00, 0, 0.20, 7, 1.60, 7, 5.80, 120, 72.90, 120, 74.30, 40, 83.30, 40, 83.60, 30, 106.60, 30, 106.90, 20, 137.00, 20, 137.30, 10, 285.40, 10, 285.60, 0, 1725.60, 0,
Profile #61	**Profile #64**	**Profile #67**	**Profile #73**	**Profile #75**
120.0, 72.9, 212.7, 1.000, 1, 1.0, 406.0, 1246.0, 0.00, 0, 0.20, 7, 1.60, 7, 5.80, 120, 72.90, 120, 74.30, 40, 83.30, 40, 83.60, 30, 106.60, 30, 106.90, 20, 137.00, 20, 137.30, 10, 285.40, 10, 285.60, 0, 1725.60, 0,	120.0, 63.2, 148.8, 1.000, 1, 1.0, 242.0, 362.0, 0.00, 0, 0.20, 7, 1.70, 7, 6.20, 120, 63.20, 120, 64.90, 30, 85.50, 30, 85.60, 20, 111.90, 20, 112.10, 10, 211.80, 10, 212.00, 0, 1652.00, 0,	150.0, 42.6, 104.1, 1.000, 1, 1.0, 88.0, 146.7, 0.00, 0, 0.20, 7, 1.50, 7, 6.10, 150, 42.60, 150, 45.10, 40, 48.00, 40, 48.30, 30, 61.60, 30, 61.70, 20, 88.00, 20, 88.30, 10, 146.60, 10, 146.70, 0, 1586.70, 0,	100.0, 65.9, 69.8, 1.000, 1, 1.0, 65.9, 155.7, 0.00, 0, 0.20, 7, 1.60, 7, 3.00, 42, 5.70, 30, 8.90, 100, 65.90, 100, 67.40, 20, 92.80, 20, 93.10, 10, 135.50, 10, 135.70, 0, 1575.70, 0,	100.0, 33.7, 3.7, 1.000, 1, 1.0, 47.4, 77.4, 0.00, 0, 0.20, 7, 1.50, 7, 6.10, 100, 33.70, 100, 36.20, 10, 37.00, 10, 37.40, 0, 1477.40, 0,

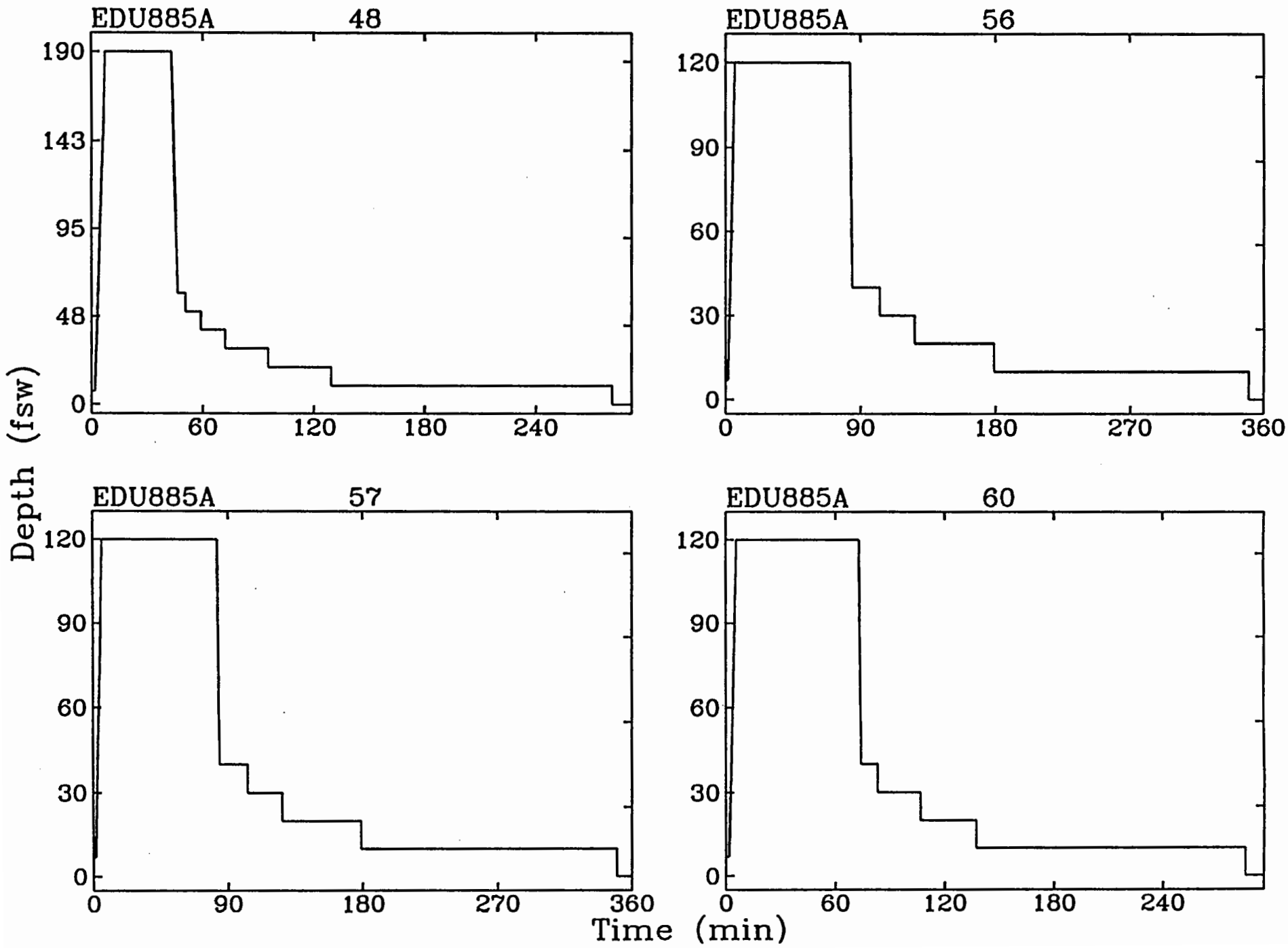
Profile #77	**Profile #78**	**Profile #79**	**Profile #80**
100.0, 33.2, 4.0, 1.000, 1, 1.0, 33.2, 42.2, 0.00, 0, 0.20, 7, 3.10, 7, 6.10, 100, 33.20, 100, 35.50, 10, 36.80, 10, 37.20, 0, 1477.20, 0,	100.0, 33.2, 4.0, 1.000, 1, 1.0, 33.2, 62.2, 0.00, 0, 0.20, 7, 3.10, 7, 6.10, 100, 33.20, 100, 35.50, 10, 36.80, 10, 37.20, 0, 1477.20, 0,	100.0, 33.2, 4.0, 1.000, 1, 1.0, 33.2, 77.2, 0.00, 0, 0.20, 7, 3.10, 7, 6.10, 100, 33.20, 100, 35.50, 10, 36.80, 10, 37.20, 0, 1477.20, 0,	80.0, 123.0, 216.1, 1.000, 1, 1.0, 459.0, 1299.0, 0.00, 0, 0.20, 7, 2.10, 7, 4.80, 67, 5.70, 80, 123.00, 80, 123.90, 30, 137.80, 30, 138.00, 20, 170.10, 20, 170.40, 10, 338.60, 10, 339.10, 0, 1779.10, 0,

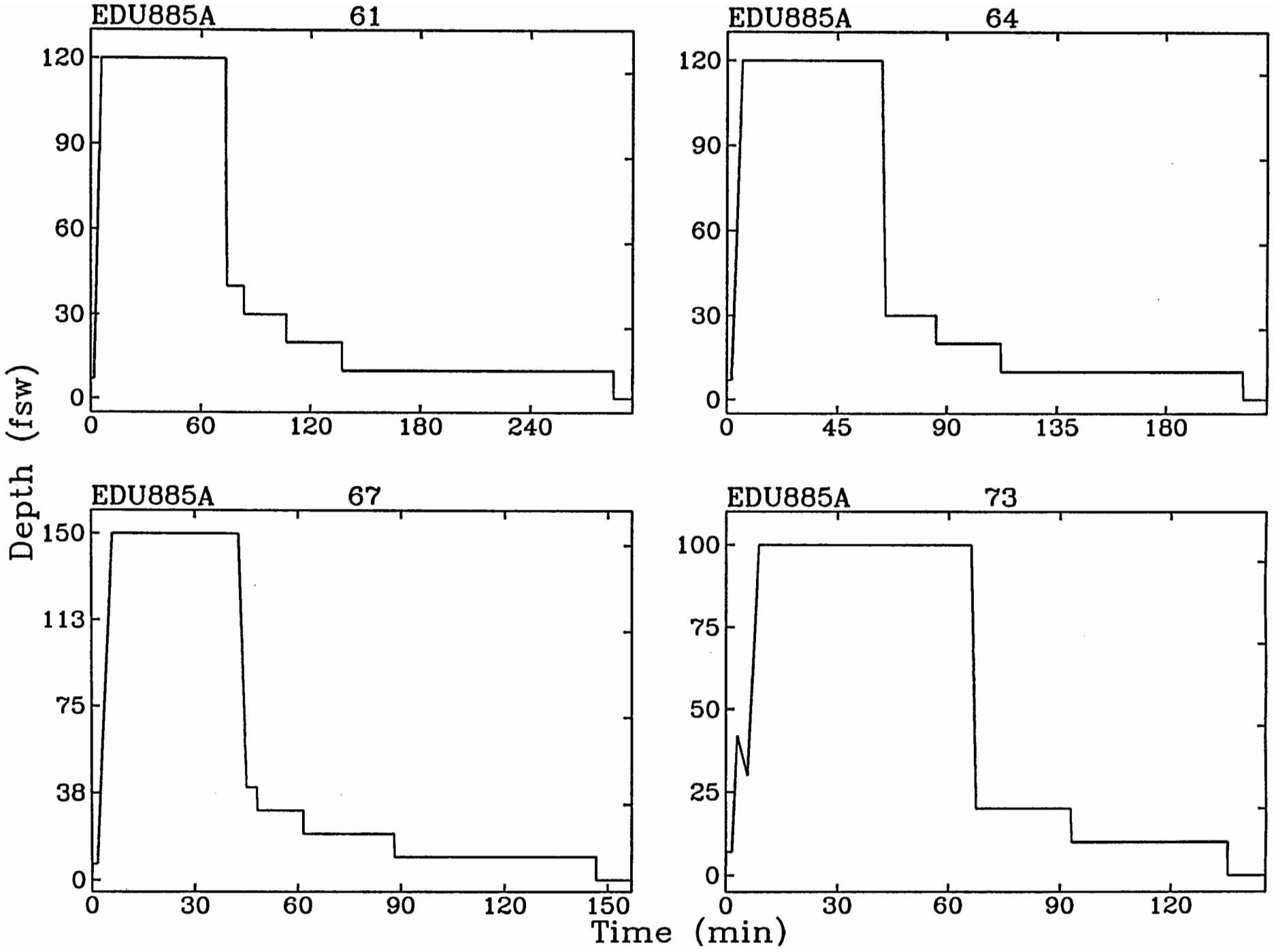

EDU885A 3
150
113
75
38
0
0 75 150 225 300
EDU885A 4
150
113
75
38
0
0 75 150 225 300
Depth (fsw)
EDU885A 7
60
45
30
15
0
0 75 150 225 300
EDU885A 13
150
113
75
38
0
0 45 90 135 180 225
Time (min)

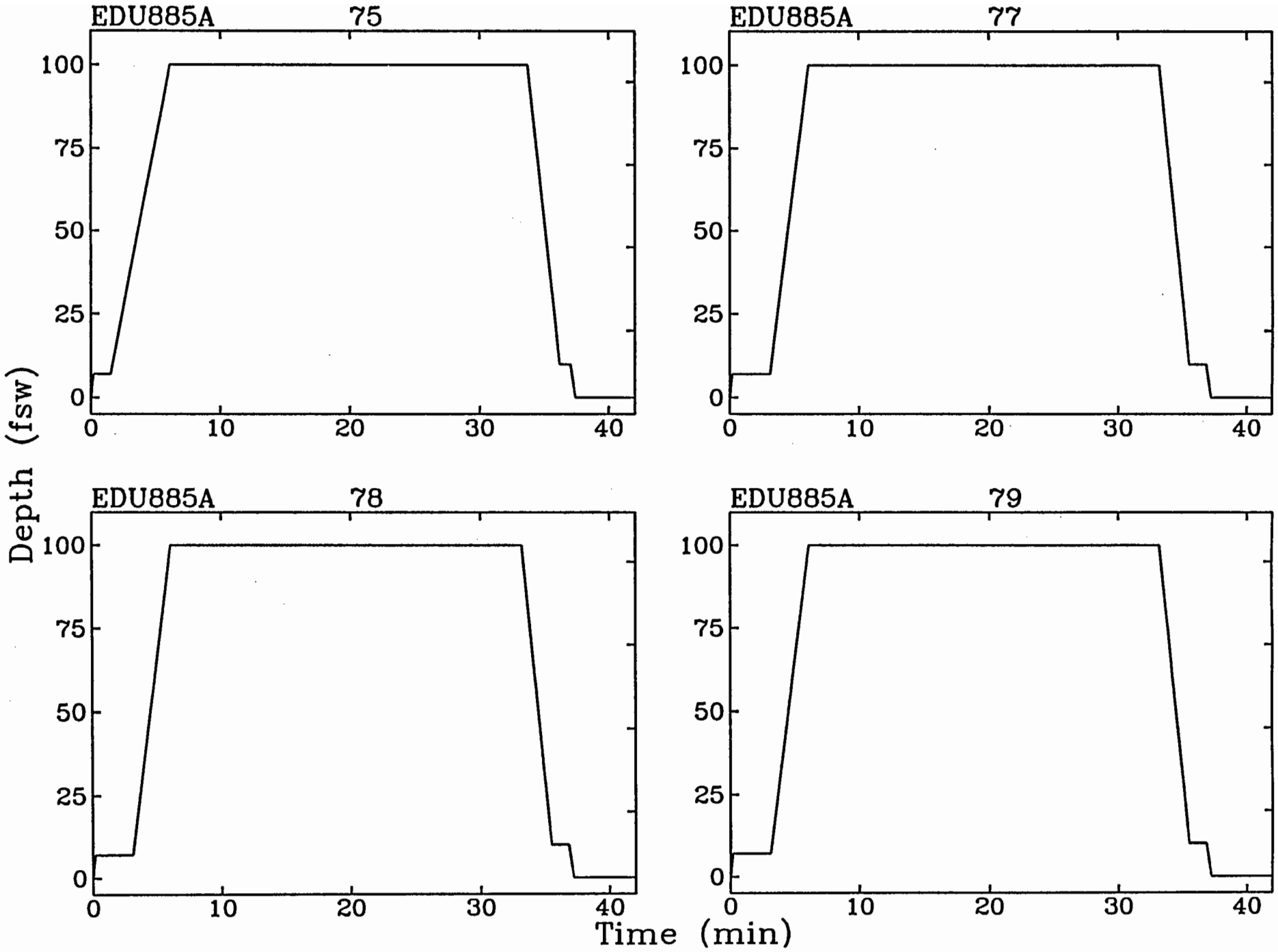

EDU885A 14
150
113
75
38
0
0
90
180
270
360
EDU885A 15
150
113
75
38
0
0
90
180
270
360
Depth (fsw)
EDU885A 18
60
45
30
15
0
0
60
120
180
240
EDU885A 19
60
45
30
15
0
0
60
120
180
240
Time (min)

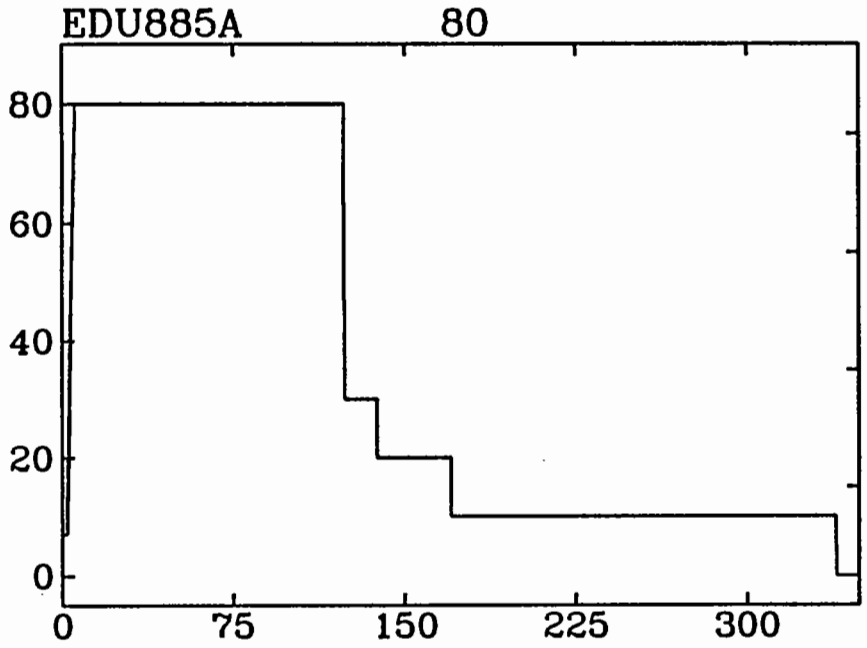

EDU885A 20
EDU885A 22
EDU885A 23
EDU885A 24
Depth (fsw)
Time (min)
0
15
30
45
60
0
60
120
180
240
0
75
150
225
300


EDU885A 27
120
90
60
30
0
0 30 60 90 120 150
EDU885A 34
150
113
75
38
0
0 30 60 90 120
EDU885A 38
150
113
75
38
0
0 30 60 90 120
EDU885A 47
190
143
95
48
0
0 60 120 180 240
Depth (fsw)
Time (min)


EDU885A 48
190
143
95
48
0
0 60 120 180 240
EDU885A 56
120
90
60
30
0
0 90 180 270 360
EDU885A 57
120
90
60
30
0
0 90 180 270 360
EDU885A 60
120
90
60
30
0
0 60 120 180 240
Depth (fsw)
Time (min)


EDU885A 61
120
90
60
30
0
0 60 120 180 240
EDU885A 64
120
90
60
30
0
0 45 90 135 180
Depth (fsw)
EDU885A 67
150
113
75
38
0
0 30 60 90 120 150
EDU885A 73
100
75
50
25
0
0 30 60 90 120
Time (min)

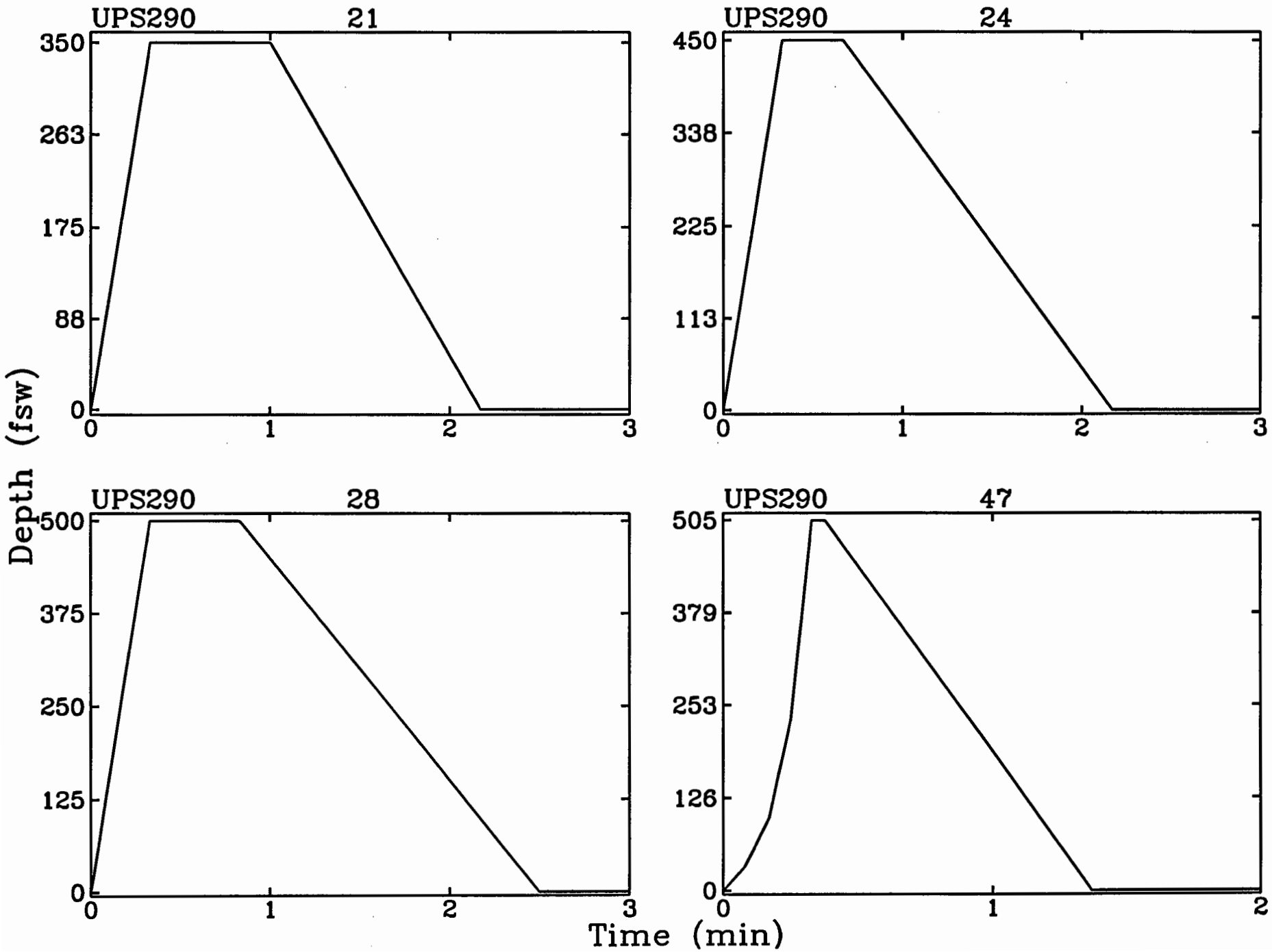

EDU885A 75
EDU885A 77
EDU885A 78
EDU885A 79
Depth (fsw)
Time (min)
0
25
50
75
100
0
10
20
30
40


EDU885A
80
80
60
40
20
0
0
75
150
225
300
Depth (fsw)
Time (min)

SECTION I: SINGLE AIR DIVES

D. UPS290 299 dives: 4 DCS, 0 Marginal

Profile #21	Profile #24	Profile #28	Profile #47
350.0, 1.0, 1.2, 1.000, 1, 1.0, 1.00, 122.17, 0.00, 0.00, 0.33, 350.00, 1.00, 350.00, 2.17, 0.00, 1442.17, 0.00,	450.0, 0.7, 1.5, 1.000, 1, 1.0, 0.67, 14.17, 0.00, 0.00, 0.33, 450.00, 0.67, 450.00, 2.17, 0.00, 1442.17, 0.00,	500.0, 0.8, 1.7, 1.000, 1, 1.0, 0.83, 11.50, 0.00, 0.00, 0.33, 500.00, 0.83, 500.00, 2.50, 0.00, 1442.50, 0.00,	505.0, 0.4, 1.0, 1.000, 1, 1.0, 0.0, 0.0, 0.00, 0.00, 0.08, 33.00, 0.17, 99.00, 0.25, 231.00, 0.33, 505.00, 0.38, 505.00, 1.37, 0.00, 1441.37, 0.00,


UPS290 21
350
263
175
88
0
0
1
2
3
UPS290 24
450
338
225
113
0
0
1
2
3
Depth (fsw)
UPS290 28
500
375
250
125
0
0
1
2
3
UPS290 47
505
379
253
126
0
0
1
2
Time (min)

SECTION I: SINGLE AIR DIVES

E. DC4W 244 Dives: 8 DCS, 4 Marginals

Profile #1	Profile #11	Profile #31	Profile #32	Profile #70
117.0, 50.1, 57.6,	148.0, 30.0, 47.2,	198.0, 36.0, 71.1,	198.0, 36.0, 71.1,	148.0, 30.0, 57.7,
1.000, 1, 1.0, 228.0, 1188.0,	1.000, 1, 1.0, 197.2, 857.0,	1.000, 1, 1.0, 135.0, 165.0,	1.000, 1, 0.5, 135.0, 255.0,	1.000, 1, 0.5, 30.0, 208.0,
0.00, 0,	0.00, 0,	0.00, 0,	0.00, 0,	0.00, 0,
0.10, 1,	0.10, 0,	0.10, 3,	0.10, 3,	2.50, 148,
2.00, 90,	0.50, 21,	6.00, 3,	6.00, 3,	30.00, 148,
2.80, 117,	1.00, 50,	7.00, 27,	7.00, 27,	32.20, 39,
50.10, 117,	1.50, 73,	8.00, 34,	8.00, 34,	35.80, 39,
51.00, 76,	3.00, 148,	10.00, 63,	10.00, 63,	36.10, 30,
52.00, 41,	30.00, 148,	11.00, 92,	11.00, 92,	42.20, 30,
54.00, 31,	30.10, 147,	12.00, 99,	12.00, 99,	42.60, 20,
56.00, 28,	30.50, 127,	16.00, 197,	16.00, 197,	51.40, 20,
62.00, 19,	31.00, 96,	21.00, 199,	21.00, 199,	52.00, 10,
64.00, 17,	33.00, 37,	36.00, 198,	36.00, 198,	86.40, 10,
68.00, 14,	35.00, 32,	38.00, 93,	38.00, 93,	87.70, 0,
70.00, 12,	37.00, 29,	40.00, 57,	40.00, 57,	1527.70, 0.00,
106.30, 10,	45.00, 18,	43.00, 48,	43.00, 48,	
106.50, 7,	52.80, 11,	47.00, 38,	47.00, 38,	
107.00, 3,	75.80, 10,	50.00, 35,	50.00, 35,	
107.50, 1,	76.00, 7,	53.00, 31,	53.00, 31,	
107.70, 0,	76.50, 3,	56.00, 26,	56.00, 26,	
1547.70, 0.00,	77.00, 1,	63.00, 19,	63.00, 19,	
	77.20, 0,	66.00, 18,	66.00, 18,	
	1517.20, 0.00,	71.00, 13,	71.00, 13,	
		86.00, 9,	86.00, 9,	
		90.00, 7,	90.00, 7,	
		104.00, 5,	104.00, 5,	
		105.00, 3,	105.00, 3,	
		107.00, 3,	107.00, 3,	
		107.10, 0,	107.10, 0,	
		1547.10, 0,	1547.10, 0,	

Profile #109

57.0, 66.0, 4.1,
1.000, 1, 0.5, 157.0, 307.0,
0.00, 0,
0.10, 3,
6.00, 3,
6.90, 56,
66.00, 57,
67.00, 3,
70.00, 3,
70.10, 0,
1510.10, 0,

Profile #112

65.0, 66.0, 4.2,
1.000, 1, 0.5, 187.1, 427.0,
0.00, 0,
0.10, 3,
6.00, 3,
7.10, 64,
66.00, 65,
66.90, 12,
67.10, 3,
70.10, 3,
70.20, 0,
1510.20, 0,

Profile #124

198.0, 15.0, 6.4,
1.000, 1, 1.0, 138.3, 288.0,
0.00, 0,
0.10, 3,
6.00, 3,
9.20, 198,
15.00, 198,
18.30, 3,
21.30, 3,
21.40, 0,
1461.40, 0,

Profile #127

231.0, 12.8, 7.0,
1.000, 1, 1.0, 12.8, 29.8,
0.00, 0,
0.10, 3,
6.00, 3,
10.00, 230,
12.80, 231,
16.70, 3,
19.70, 3,
19.80, 0,
1459.80, 0,

Profile #128

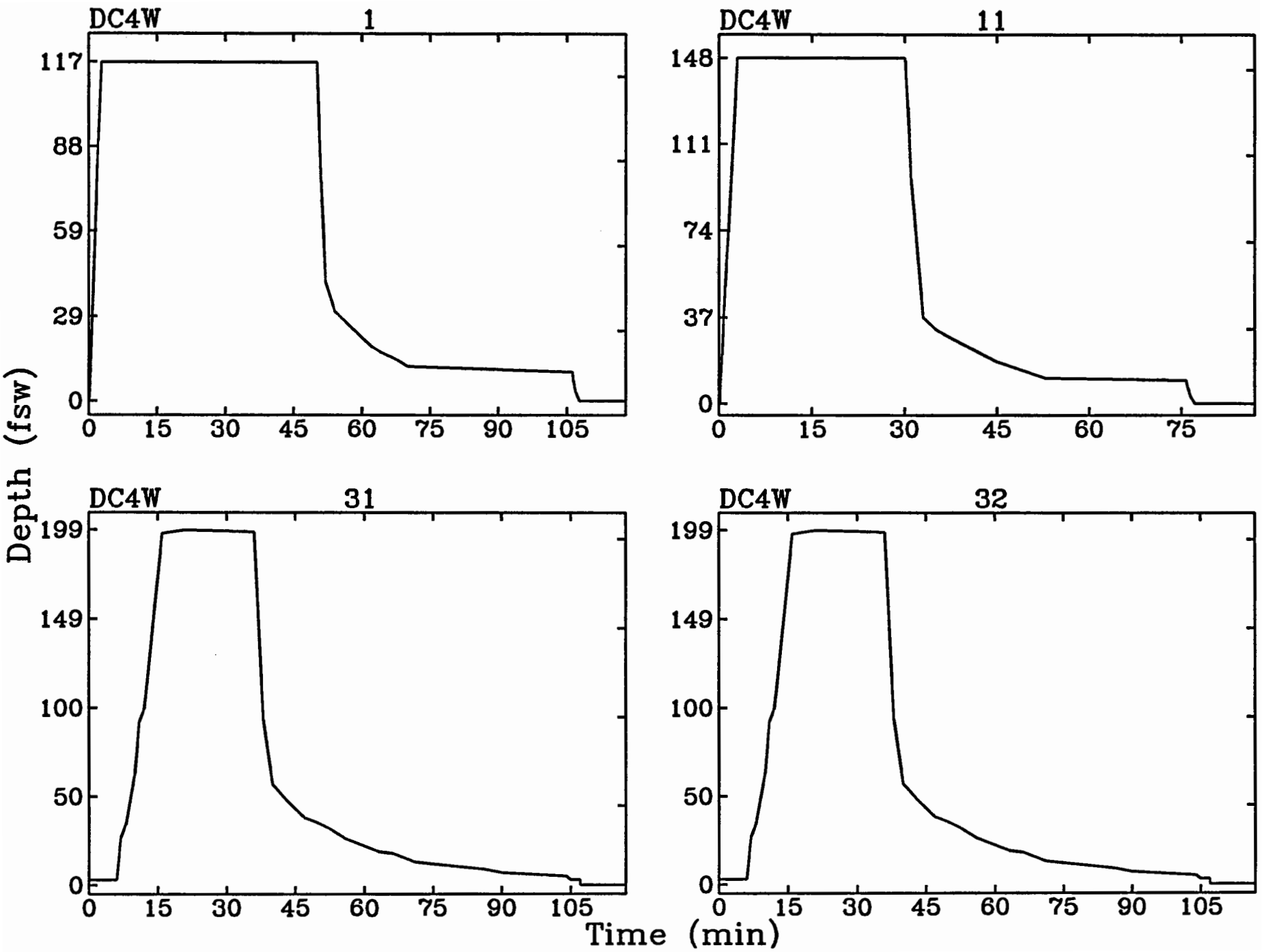
231.0, 12.8, 7.0,
1.000, 1, 1.0, 136.7, 737.0,
0.00, 0,
0.10, 3,
6.00, 3,
10.00, 230,
12.80, 231,
16.70, 3,
19.70, 3,
19.80, 0,
1459.80, 0,

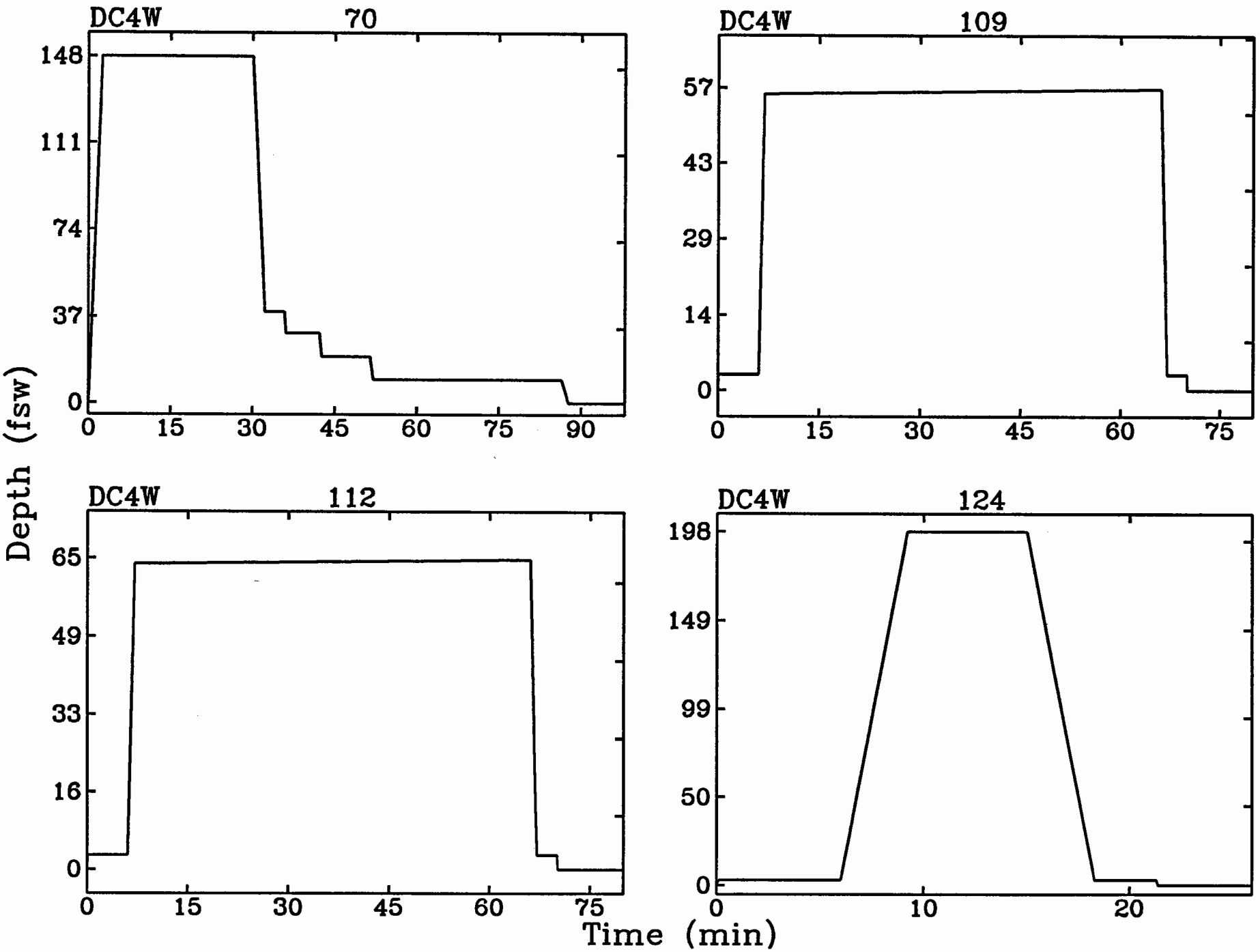
Profile #131

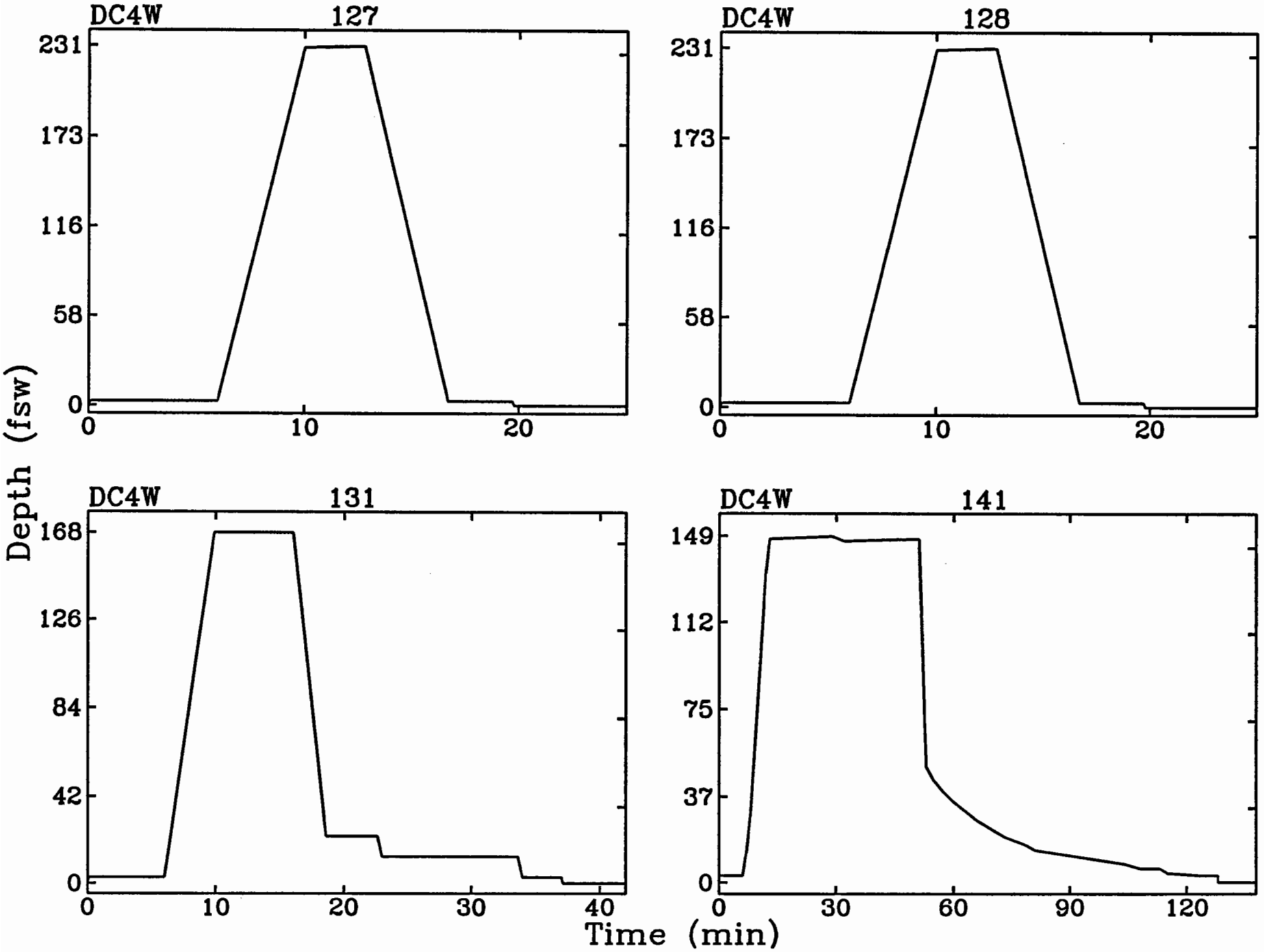
168.0, 16.0, 21.1
1.000, 1, 1.0, 64.0, 94.0,
0.00, 0,
0.10, 3,
6.00, 3,
9.90, 168,
16.00, 168,
18.60, 23,
22.60, 23,
23.00, 13,
33.60, 13,
34.00, 3,
37.00, 3,
37.10, 0,
1477.10, 0,

Profile #141

148.0, 51.0, 77.1,
1.000, 1, 1.0, 244.0, 364.0,
0.00, 0,
0.10, 3,
6.00, 3,
7.00, 13,
8.00, 29,
12.00, 133,
13.00, 148,
29.00, 149,
32.00, 147,
51.00, 148,
53.00, 50,
55.00, 44,
57.00, 40,
60.00, 35,
66.00, 27,
73.00, 20,
79.00, 16,
81.00, 14,
104.00, 8,
108.00, 6,
113.00, 6,
115.00, 4,
124.00, 3,
128.00, 3,
128.10, 0,
1568.10, 0,


DC4W 1
117
88
59
29
0
0 15 30 45 60 75 90 105
DC4W 11
148
111
74
37
0
0 15 30 45 60 75
DC4W 31
199
149
100
50
0
0 15 30 45 60 75 90 105
DC4W 32
199
149
100
50
0
0 15 30 45 60 75 90 105
Depth (fsw)
Time (min)


DC4W 70
148
111
74
37
0
0 15 30 45 60 75 90
DC4W 109
57
43
29
14
0
0 15 30 45 60 75
DC4W 112
65
49
33
16
0
0 15 30 45 60 75
DC4W 124
198
149
99
50
0
0 10 20
Depth (fsw)
Time (min)


DC4W
127
231
173
116
58
0
0
10
20
DC4W
128
231
173
116
58
0
0
10
20
Depth (fsw)
DC4W
131
168
126
84
42
0
0
10
20
30
40
DC4W
141
149
112
75
37
0
0
30
60
90
120
Time (min)

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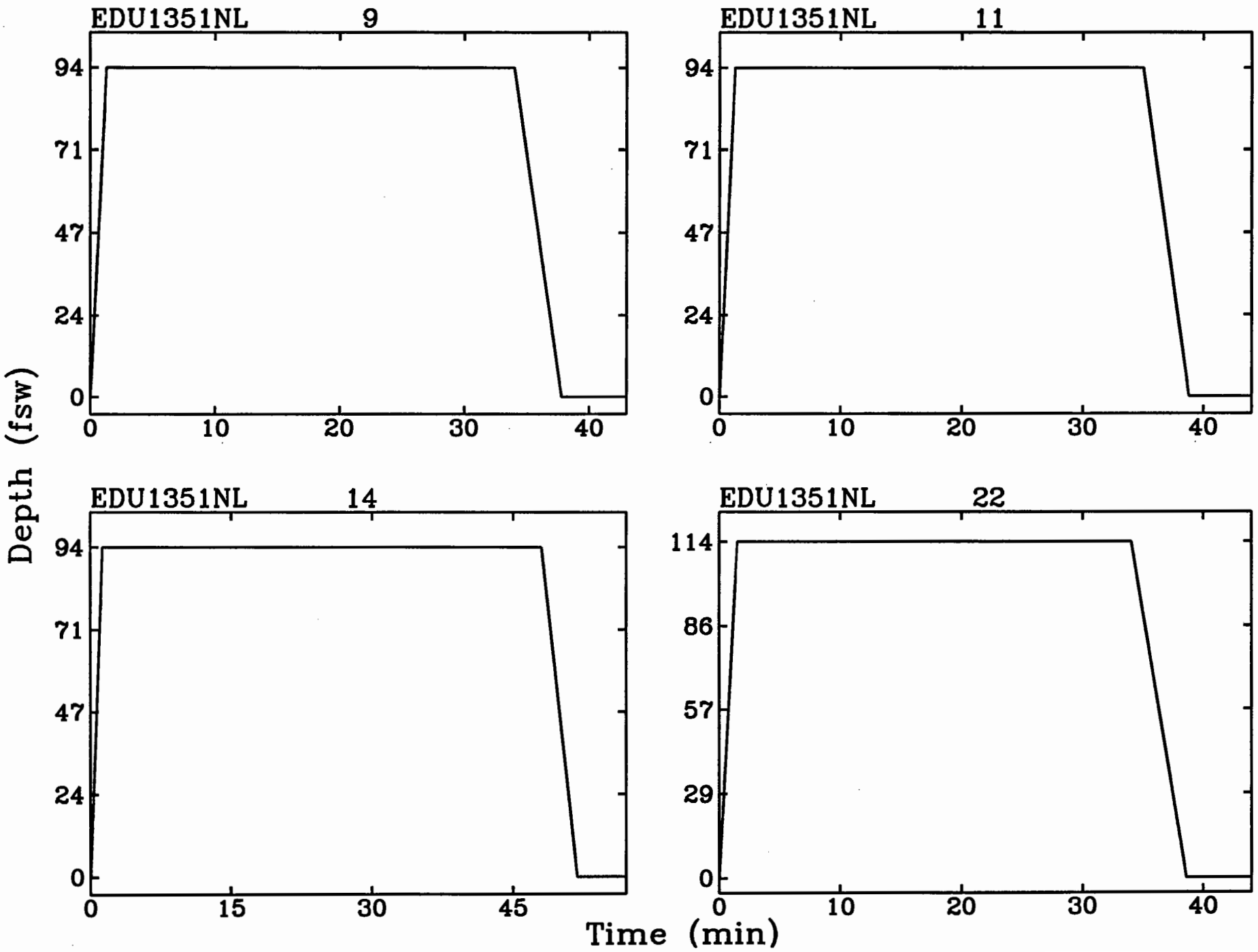
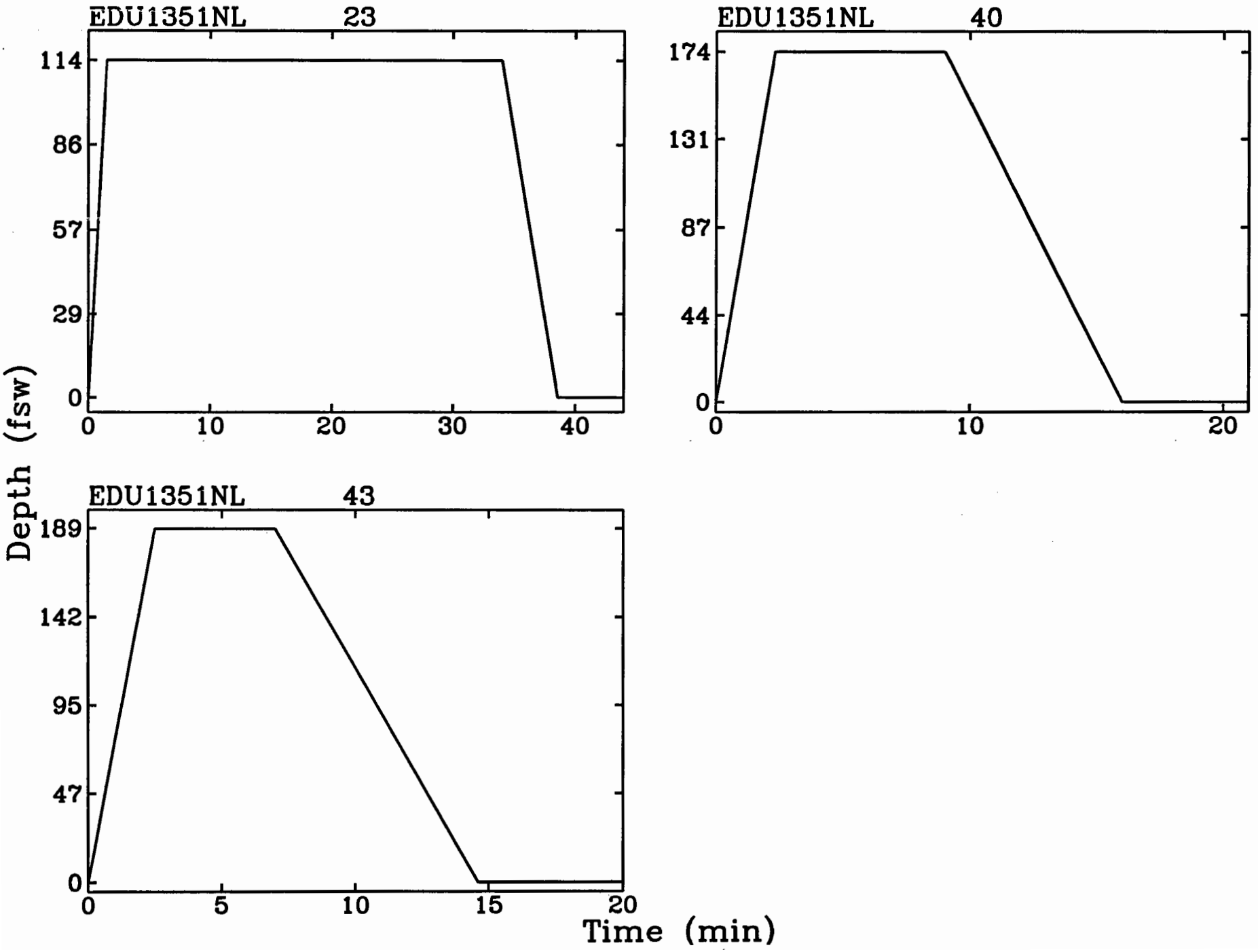
SECTION I: SINGLE AIR DIVES

F. EDU1351NL 143 dives: 2 DCS, 7 Marginal

Profile #9	Profile #11	Profile #14	Profile #22	Profile #23
94.0, 34.0, 3.8, 1.000, 2, 0.5, 0.00, 0.00, 1.30, 94.00, 34.00, 94.00, 37.80, 0.00, 1477.80, 0.00,	94.0, 35.0, 3.8, 1.000, 2, 0.5, 0.00, 0.00, 1.30, 94.00, 35.00, 94.00, 38.80, 0.00, 1478.80, 0.00,	94.0, 48.0, 3.8, 1.000, 1, 1.0, 0.00, 0.00, 1.30, 94.00, 48.00, 94.00, 51.80, 0.00, 1491.80, 0.00,	114.0, 34.0, 4.6, 1.000, 1, 0.5, 0.00, 0.00, 1.50, 114.00, 34.00, 114.00, 38.60, 0.00, 1478.60, 0.00,	114.0, 34.0, 4.6, 1.000, 1, 1.0, 0.00, 0.00, 1.50, 114.00, 34.00, 114.00, 38.60, 0.00, 1478.60, 0.00,
Profile #40	**Profile #43**			
174.0, 9.0, 7.0, 1.000, 1, 0.5, 0.00, 0.00, 2.30, 174.00, 9.00, 174.00, 16.00, 0.00, 1456.00, 0.00,	189.0, 7.0, 7.6, 1.000, 1, 0.5, 0.00, 0.00, 2.50, 189.00, 7.00, 189.00, 14.60, 0.00, 1454.60, 0.00,			


EDU1351NL 9
EDU1351NL 11
EDU1351NL 14
EDU1351NL 22
Depth (fsw)
Time (min)
94
71
47
24
0
114
86
57
29
10
15
20
30
40
45


EDU1351NL 23
114
86
57
29
0
0
10
20
30
40
EDU1351NL 40
174
131
87
44
0
0
10
20
EDU1351NL 43
189
142
95
47
0
0
5
10
15
20
Depth (fsw)
Time (min)

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SECTION I: SINGLE AIR DIVES

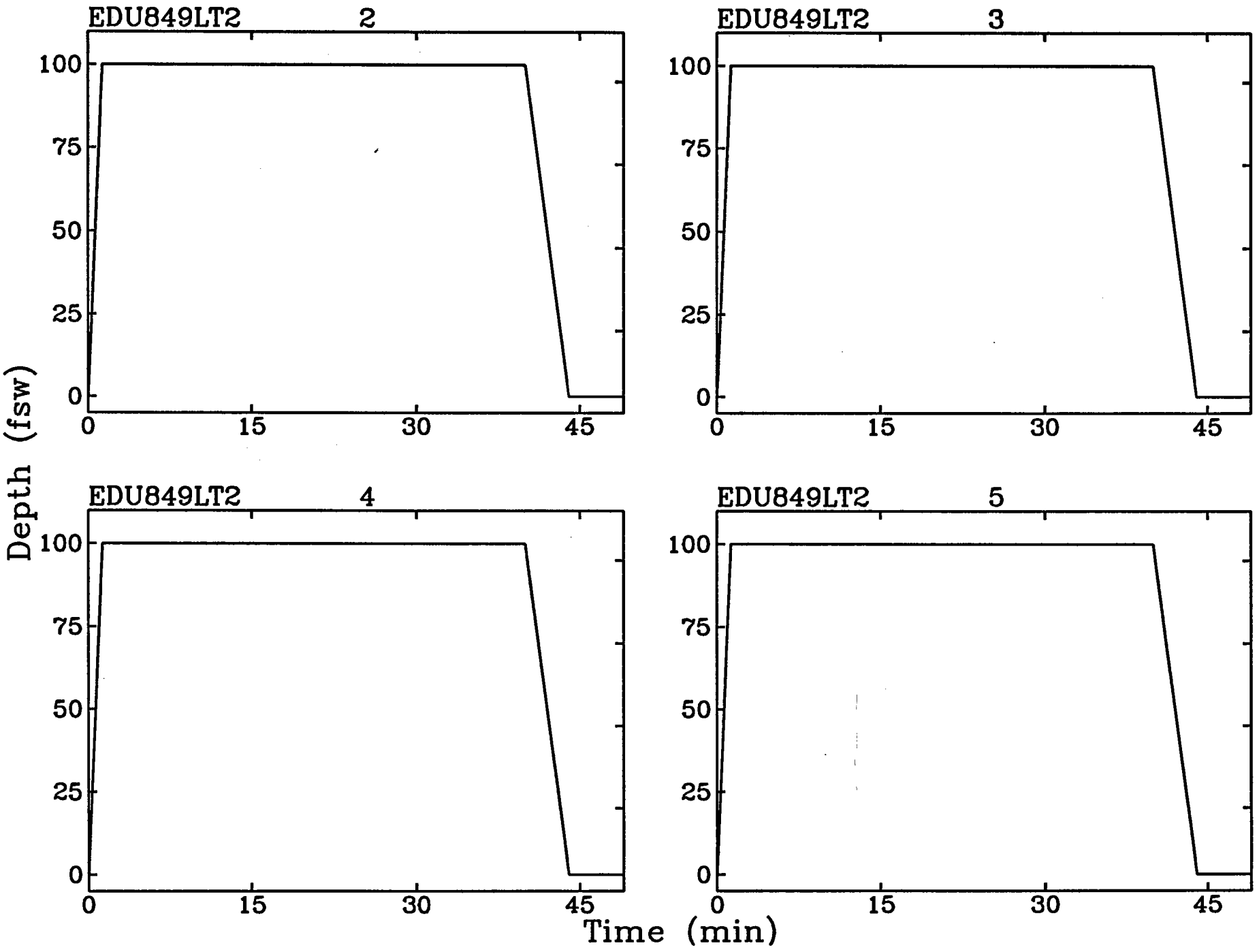
G. EDU849LT2 141 dives: 26 DCS, 38 Marginal

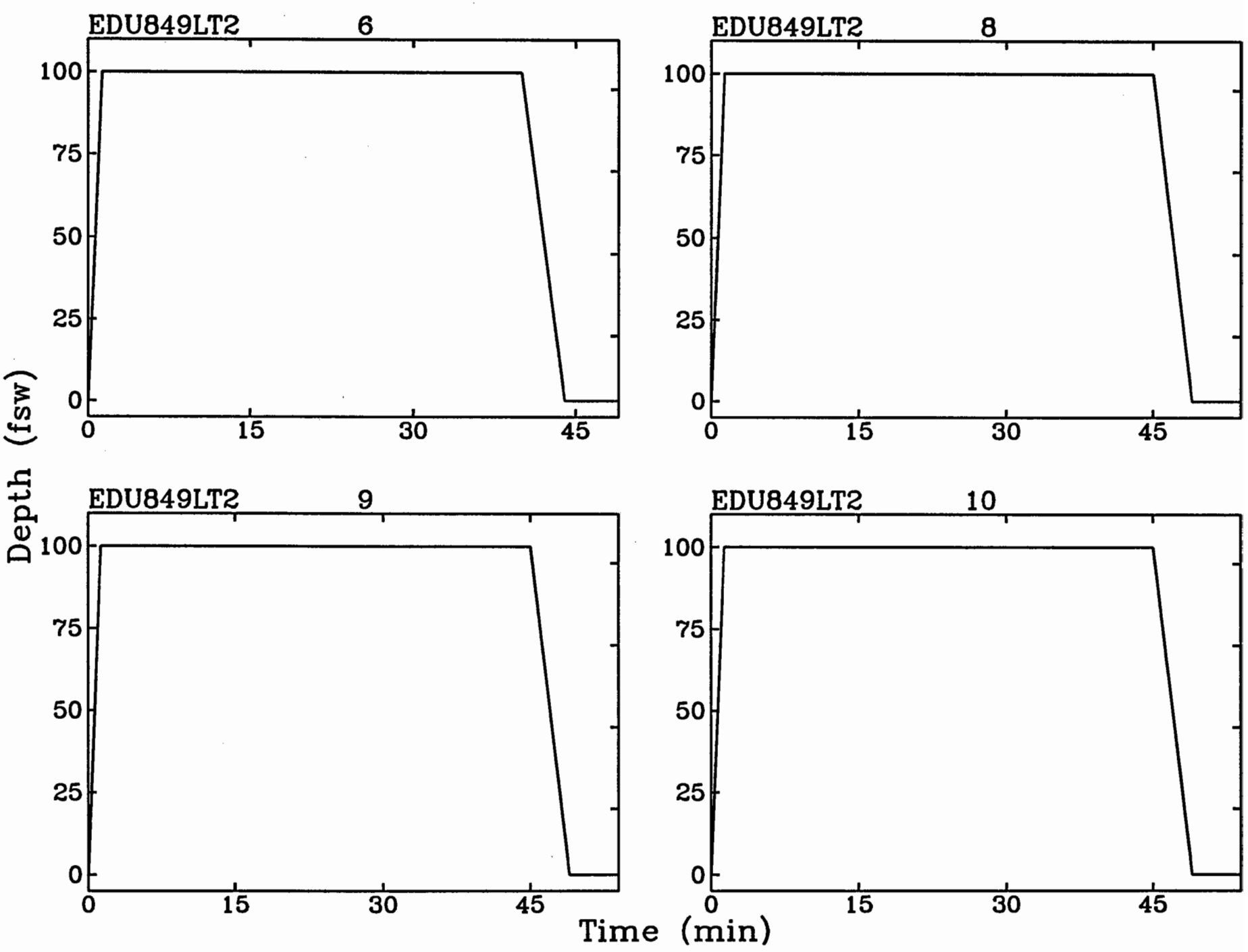
Profile #2	Profile #3	Profile #4	Profile #5	Profile #6
100.0, 40.0, 4.0, 1.000, 1, 0.5, 74.0, 164.0, 0.00, 0.00, 1.30, 100.00, 40.00, 100.00, 44.00, 0.00, 1484.00, 0.00,	100.0, 40.0, 4.0, 1.000, 1, 0.5, 74.0, 194.0, 0.00, 0.00, 1.30, 100.00, 40.00, 100.00, 44.00, 0.00, 1484.00, 0.00,	100.0, 40.0, 4.0, 1.000, 1, 0.5, 74.0, 164.0, 0.00, 0.00, 1.30, 100.00, 40.00, 100.00, 44.00, 0.00, 1484.00, 0.00,	100.0, 40.0, 4.0, 1.000, 1, 0.5, 164.0, 224.0, 0.00, 0.00, 1.30, 100.00, 40.00, 100.00, 44.00, 0.00, 1484.00, 0.00,	100.0, 40.0, 4.0, 1.000, 1, 1.0, 74.0, 194.0, 0.00, 0.00, 1.30, 100.00, 40.00, 100.00, 44.00, 0.00, 1484.00, 0.00,
Profile #8	**Profile #9**	**Profile #10**	**Profile #12**	**Profile #13**
100.0, 45.0, 4.0, 1.000, 1, 0.5, 79.0, 169.0, 0.00, 0.00, 1.30, 100.00, 45.00, 100.00, 49.00, 0.00, 1489.00, 0.00,	100.0, 45.0, 4.0, 1.000, 1, 0.5, 169.0, 289.0, 0.00, 0.00, 1.30, 100.00, 45.00, 100.00, 49.00, 0.00, 1489.00, 0.00,	100.0, 45.0, 4.0, 1.000, 1, 0.5, 59.0, 77.0, 0.00, 0.00, 1.30, 100.00, 45.00, 100.00, 49.00, 0.00, 1489.00, 0.00,	100.0, 50.0, 4.0, 1.000, 1, 0.5, 54.0, 74.0, 0.00, 0.00, 1.30, 100.00, 50.00, 100.00, 54.00, 0.00, 1494.00, 0.00,	100.0, 50.0, 4.0, 1.000, 1, 0.5, 64.0, 84.0, 0.00, 0.00, 1.30, 100.00, 50.00, 100.00, 54.00, 0.00, 1494.00, 0.00,
Profile #14	**Profile #15**	**Profile #17**	**Profile #18**	**Profile #19**
100.0, 50.0, 4.0, 1.000, 1, 0.5, 84.0, 204.0, 0.00, 0.00, 1.30, 100.00, 50.00, 100.00, 54.00, 0.00, 1494.00, 0.00,	100.0, 50.0, 4.0, 1.000, 1, 1.0, 54.0, 99.0, 0.00, 0.00, 1.30, 100.00, 50.00, 100.00, 54.00, 0.00, 1494.00, 0.00,	100.0, 55.0, 4.0, 1.000, 1, 0.5, 179.0, 269.0, 0.00, 0.00, 1.30, 100.00, 55.00, 100.00, 59.00, 0.00, 1499.00, 0.00,	100.0, 55.0, 4.0, 1.000, 1, 0.5, 179.0, 239.0, 0.00, 0.00, 1.30, 100.00, 55.00, 100.00, 59.00, 0.00, 1499.00, 0.00,	100.0, 55.0, 4.0, 1.000, 1, 0.5, 89.0, 179.0, 0.00, 0.00, 1.30, 100.00, 55.00, 100.00, 59.00, 0.00, 1499.00, 0.00,
Profile #20	**Profile #21**	**Profile #22**	**Profile #23**	**Profile #24**
100.0, 55.0, 4.0, 1.000, 1, 1.0, 179.0, 599.0, 0.00, 0.00, 1.30, 100.00, 55.00, 100.00, 59.00, 0.00, 1499.00, 0.00,	100.0, 55.0, 4.0, 1.000, 1, 1.0, 59.0, 89.0, 0.00, 0.00, 1.30, 100.00, 55.00, 100.00, 59.00, 0.00, 1499.00, 0.00,	100.0, 55.0, 4.0, 1.000, 1, 1.0, 89.0, 239.0, 0.00, 0.00, 1.30, 100.00, 55.00, 100.00, 59.00, 0.00, 1499.00, 0.00,	100.0, 55.0, 4.0, 1.000, 1, 1.0, 69.0, 119.0, 0.00, 0.00, 1.30, 100.00, 55.00, 100.00, 59.00, 0.00, 1499.00, 0.00,	100.0, 55.0, 4.0, 1.000, 1, 1.0, 59.0, 1319.0, 0.00, 0.00, 1.30, 100.00, 55.00, 100.00, 59.00, 0.00, 1499.00, 0.00,

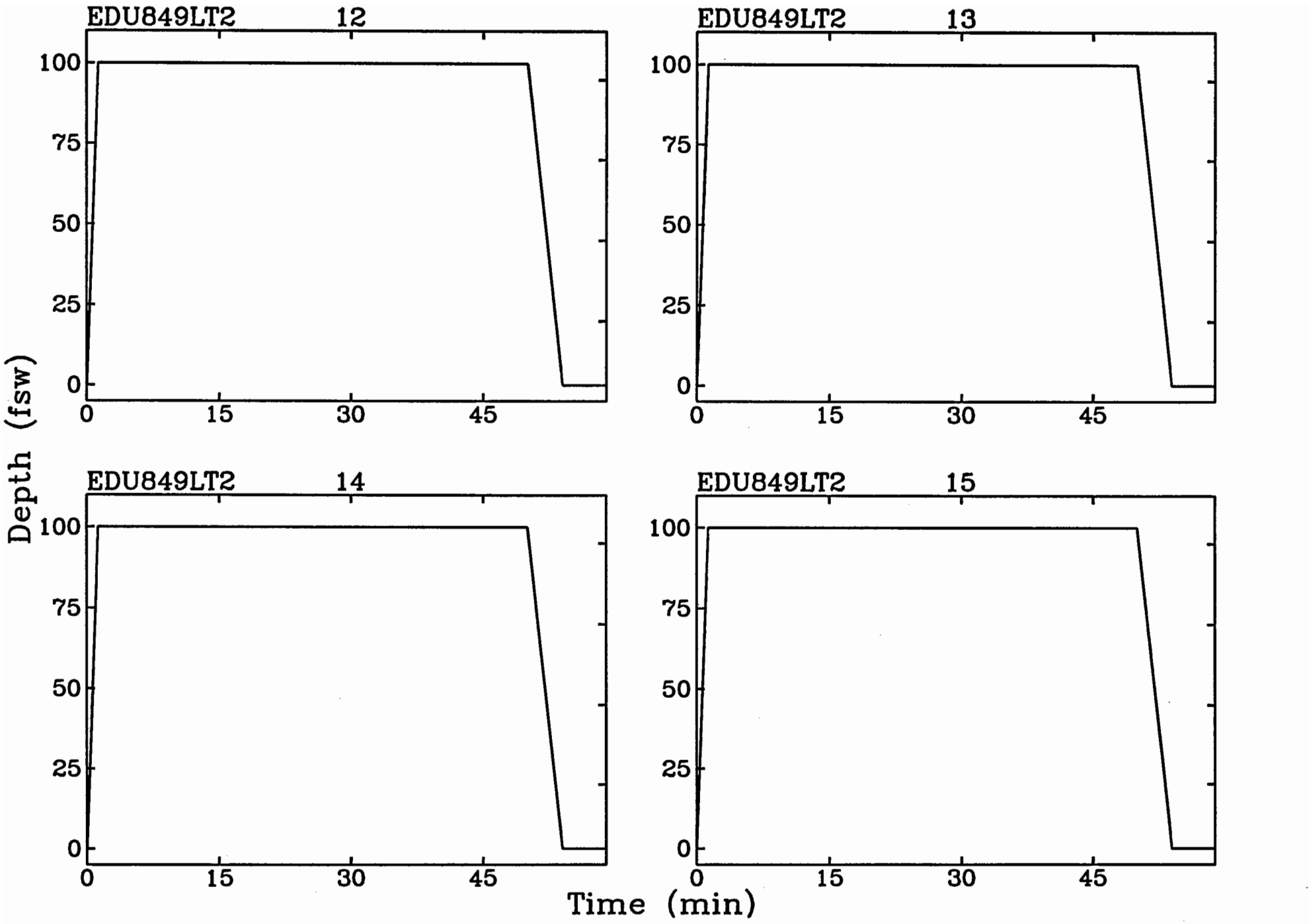
Profile #26	**Profile #27**	**Profile #28**	**Profile #29**	**Profile #30**
100.0, 60.0, 4.0, 1.000, 1, 0.5, 74.0, 124.0, 0.00, 0.00, 1.30, 100.00, 60.00, 100.00, 64.00, 0.00, 1504.00, 0.00,	100.0, 60.0, 4.0, 1.000, 1, 1.0, 94.0, 169.0, 0.00, 0.00, 1.30, 100.00, 60.00, 100.00, 64.00, 0.00, 1504.00, 0.00,	100.0, 60.0, 4.0, 1.000, 1, 1.0, 94.0, 214.0, 0.00, 0.00, 1.30, 100.00, 60.00, 100.00, 64.00, 0.00, 1504.00, 0.00,	100.0, 60.0, 4.0, 1.000, 1, 0.5, 184.0, 424.0, 0.00, 0.00, 1.30, 100.00, 60.00, 100.00, 64.00, 0.00, 1504.00, 0.00,	100.0, 60.0, 4.0, 1.000, 1, 0.5, 94.0, 184.0, 0.00, 0.00, 1.30, 100.00, 60.00, 100.00, 64.00, 0.00, 1504.00, 0.00,
Profile #31	**Profile #33**	**Profile #34**	**Profile #35**	**Profile #36**
100.0, 60.0, 4.0, 1.000, 1, 0.5, 94.0, 184.0, 0.00, 0.00, 1.30, 100.00, 60.00, 100.00, 64.00, 0.00, 1504.00, 0.00,	150.0, 27.0, 6.0, 1.000, 1, 0.5, 153.0, 213.0, 0.00, 0.00, 2.00, 150.00, 27.00, 150.00, 33.00, 0.00, 1473.00, 0.00,	150.0, 27.0, 6.0, 1.000, 1, 0.5, 153.0, 333.0, 0.00, 0.00, 2.00, 150.00, 27.00, 150.00, 33.00, 0.00, 1473.00, 0.00,	150.0, 27.0, 6.0, 1.000, 1, 0.5, 63.0, 153.0, 0.00, 0.00, 2.00, 150.00, 27.00, 150.00, 33.00, 0.00, 1473.00, 0.00,	150.0, 27.0, 6.0, 1.000, 1, 1.0, 63.0, 153.0, 0.00, 0.00, 2.00, 150.00, 27.00, 150.00, 33.00, 0.00, 1473.00, 0.00,
Profile #37	**Profile #38**	**Profile #39**	**Profile #41**	**Profile #42**
150.0, 27.0, 6.0, 1.000, 1, 1.0, 27.0, 38.0, 0.00, 0.00, 2.00, 150.00, 27.00, 150.00, 33.00, 0.00, 1473.00, 0.00,	150.0, 27.0, 6.0, 1.000, 1, 0.5, 63.0, 213.0, 0.00, 0.00, 2.00, 150.00, 27.00, 150.00, 33.00, 0.00, 1473.00, 0.00,	150.0, 27.0, 6.0, 1.000, 1, 0.5, 33.0, 93.0, 0.00, 0.00, 2.00, 150.00, 27.00, 150.00, 33.00, 0.00, 1473.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 0.5, 66.0, 156.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 0.5, 156.0, 306.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,
Profile #43	**Profile #44**	**Profile #45**	**Profile #46**	**Profile #47**
150.0, 30.0, 6.0, 1.000, 1, 0.5, 156.0, 246.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 0.5, 66.0, 156.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 0.5, 156.0, 366.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 0.5, 66.0, 126.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 0.5, 156.0, 276.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,

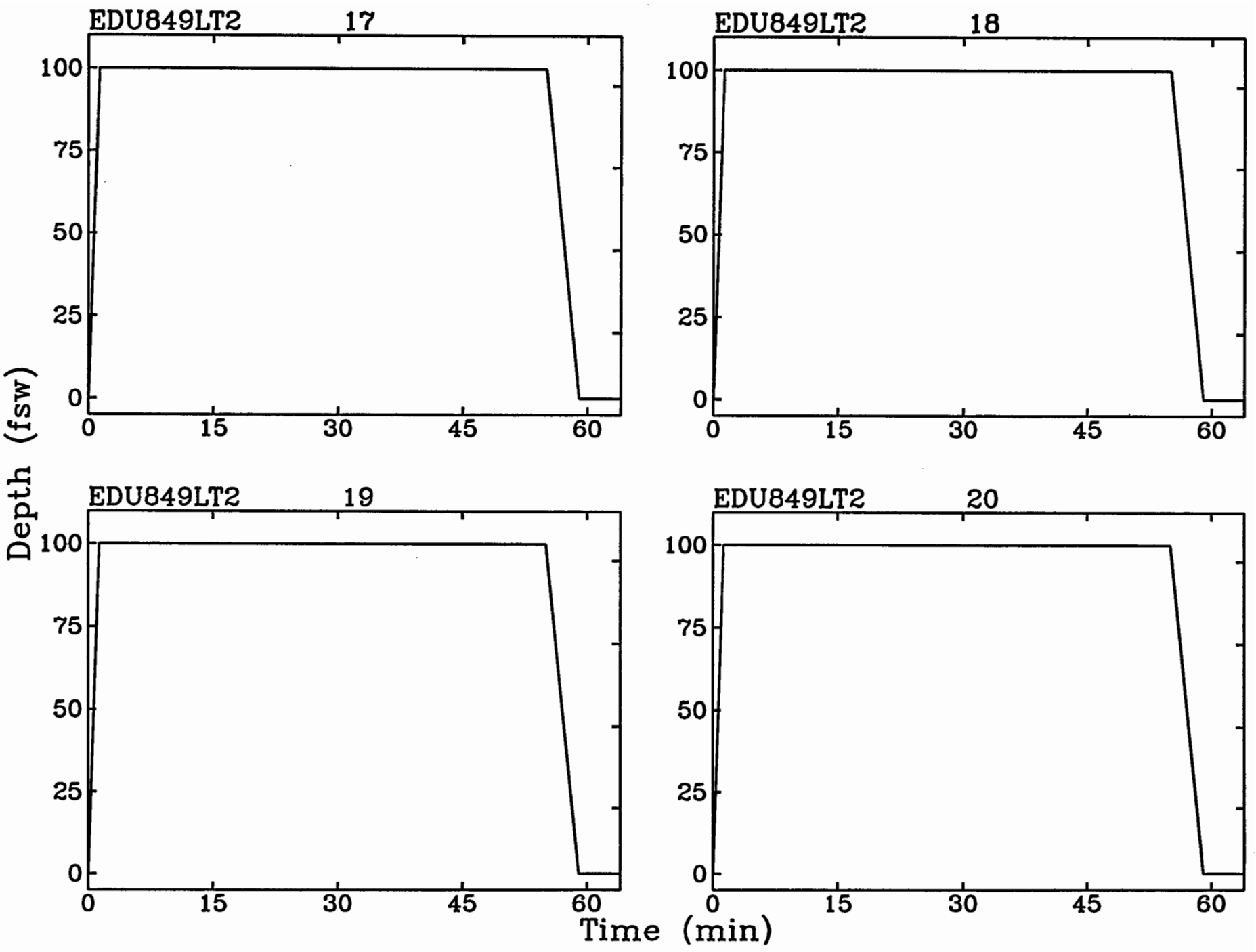
Profile #48	Profile #49	Profile #50	Profile #51	Profile #52
150.0, 30.0, 6.0, 1.000, 1, 0.5, 156.0, 576.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 1.0, 30.0, 46.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 1.0, 30.0, 45.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 0.5, 36.0, 61.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 0.5, 30.0, 51.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,
Profile #53	**Profile #54**	**Profile #55**	**Profile #56**	**Profile #57**
150.0, 30.0, 6.0, 1.000, 1, 1.0, 30.0, 54.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 1.0, 36.0, 161.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 0.5, 46.0, 96.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 1.0, 30.0, 44.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 0.5, 30.0, 53.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,
Profile #58	**Profile #59**	**Profile #60**	**Profile #61**	**Profile #63**
150.0, 30.0, 6.0, 1.000, 1, 1.0, 46.0, 66.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 1.0, 30.0, 51.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 1.0, 66.0, 186.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 30.0, 6.0, 1.000, 1, 0.5, 36.0, 66.0, 0.00, 0.00, 2.00, 150.00, 30.00, 150.00, 36.00, 0.00, 1476.00, 0.00,	150.0, 33.0, 6.0, 1.000, 1, 1.0, 69.0, 159.0, 0.00, 0.00, 2.00, 150.00, 33.00, 150.00, 39.00, 0.00, 1479.00, 0.00,
Profile #64	**Profile #66**	**Profile #67**	**Profile #68**	**Profile #69**
150.0, 33.0, 6.0, 1.000, 1, 0.5, 159.0, 219.0, 0.00, 0.00, 2.00, 150.00, 33.00, 150.00, 39.00, 0.00, 1479.00, 0.00,	150.0, 36.0, 6.0, 1.000, 1, 1.0, 72.0, 162.0, 0.00, 0.00, 2.00, 150.00, 36.00, 150.00, 42.00, 0.00, 1482.00, 0.00,	150.0, 36.0, 6.0, 1.000, 1, 1.0, 72.0, 162.0, 0.00, 0.00, 2.00, 150.00, 36.00, 150.00, 42.00, 0.00, 1482.00, 0.00,	150.0, 36.0, 6.0, 1.000, 1, 1.0, 162.0, 342.0, 0.00, 0.00, 2.00, 150.00, 36.00, 150.00, 42.00, 0.00, 1482.00, 0.00,	150.0, 36.0, 6.0, 1.000, 1, 1.0, 36.0, 52.0, 0.00, 0.00, 2.00, 150.00, 36.00, 150.00, 42.00, 0.00, 1482.00, 0.00,

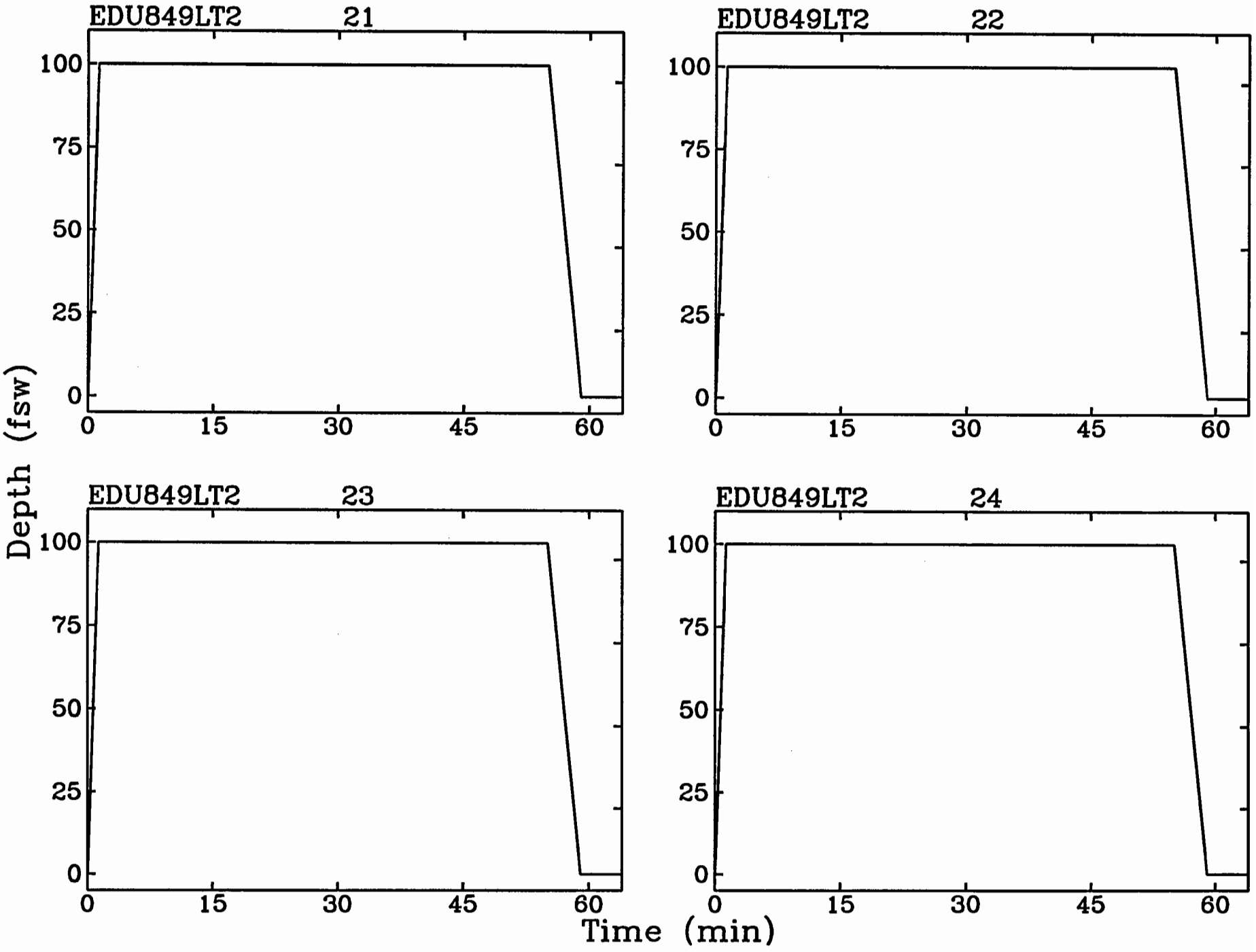
Profile #70	**Profile #71**	**Profile #72**	**Profile #73**
150.0, 36.0, 6.0, 1.000, 1, 1.0, 52.0, 102.0, 0.00, 0.00, 2.00, 150.00, 36.00, 150.00, 42.00, 0.00, 1482.00, 0.00,	150.0, 36.0, 6.0, 1.000, 1, 0.5, 36.0, 46.0, 0.00, 0.00, 2.00, 150.00, 36.00, 150.00, 42.00, 0.00, 1482.00, 0.00,	150.0, 36.0, 6.0, 1.000, 1, 1.0, 36.0, 52.0, 0.00, 0.00, 2.00, 150.00, 36.00, 150.00, 42.00, 0.00, 1482.00, 0.00,	150.0, 36.0, 6.0, 1.000, 1, 0.5, 72.0, 132.0, 0.00, 0.00, 2.00, 150.00, 36.00, 150.00, 42.00, 0.00, 1482.00, 0.00,

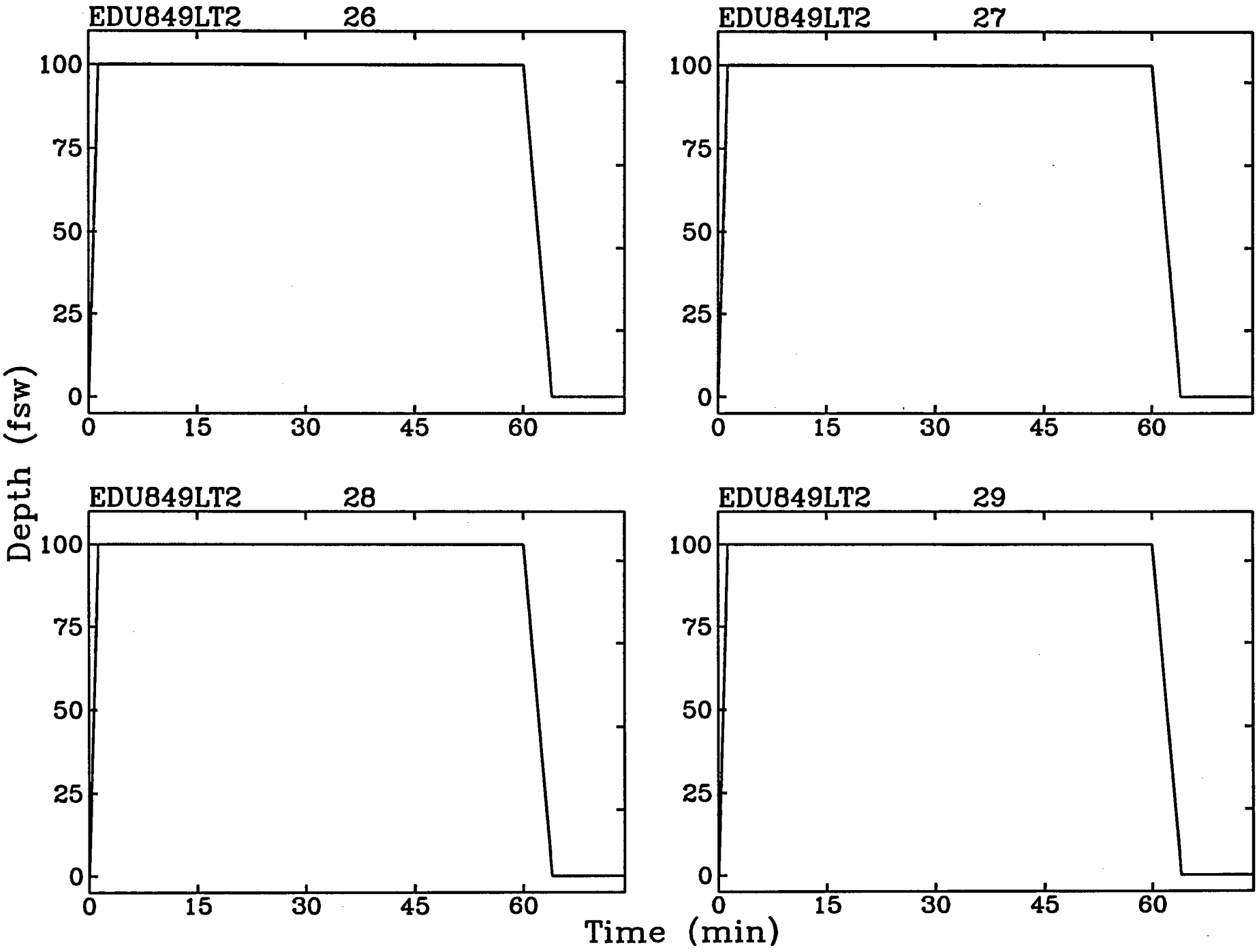

EDU849LT2 2
EDU849LT2 3
EDU849LT2 4
EDU849LT2 5
100
75
50
25
0
0
15
30
45
Depth (fsw)
Time (min)

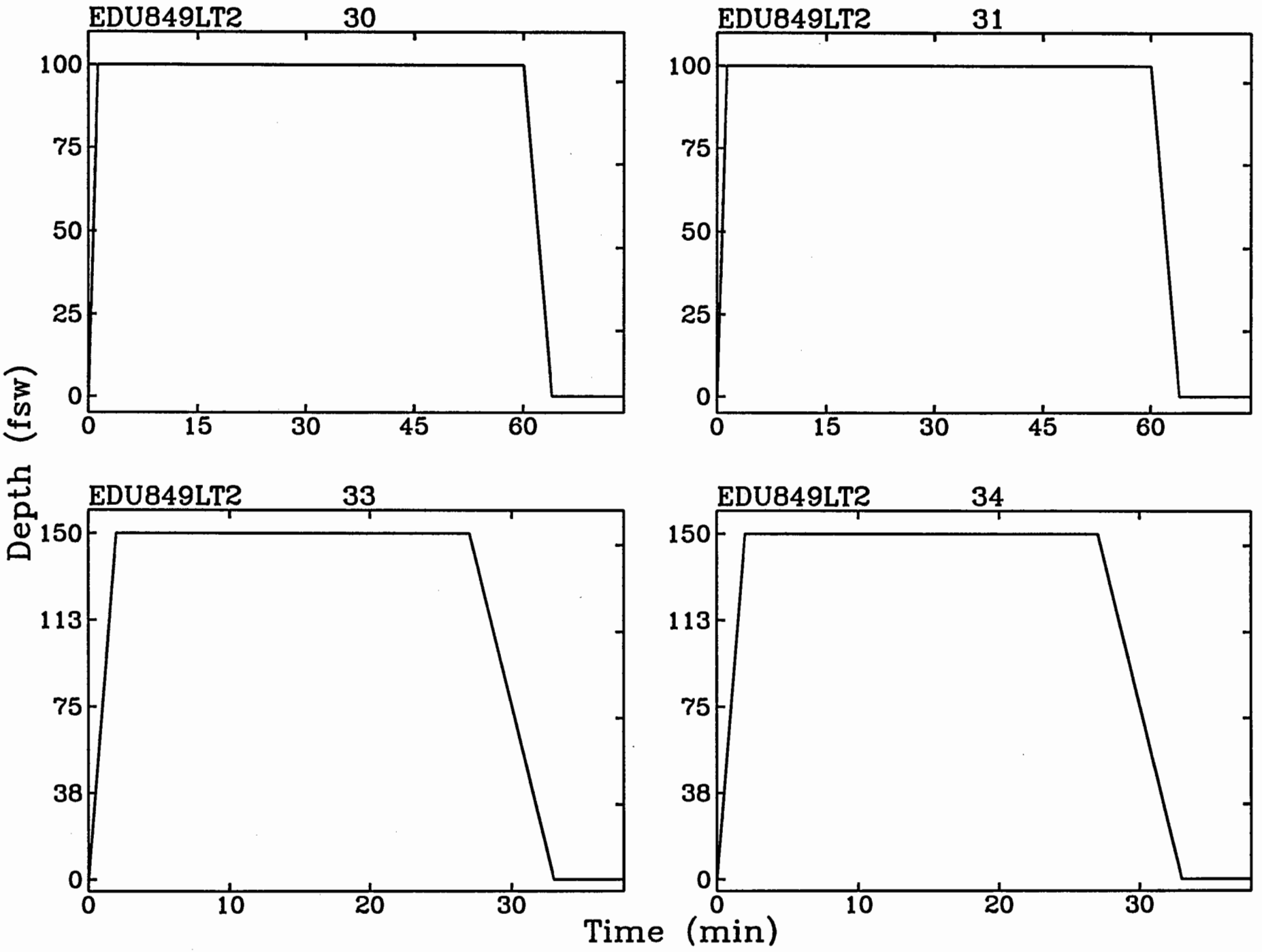

EDU849LT2 6
EDU849LT2 8
EDU849LT2 9
EDU849LT2 10
Depth (fsw)
Time (min)
100
75
50
25
0
0
15
30
45

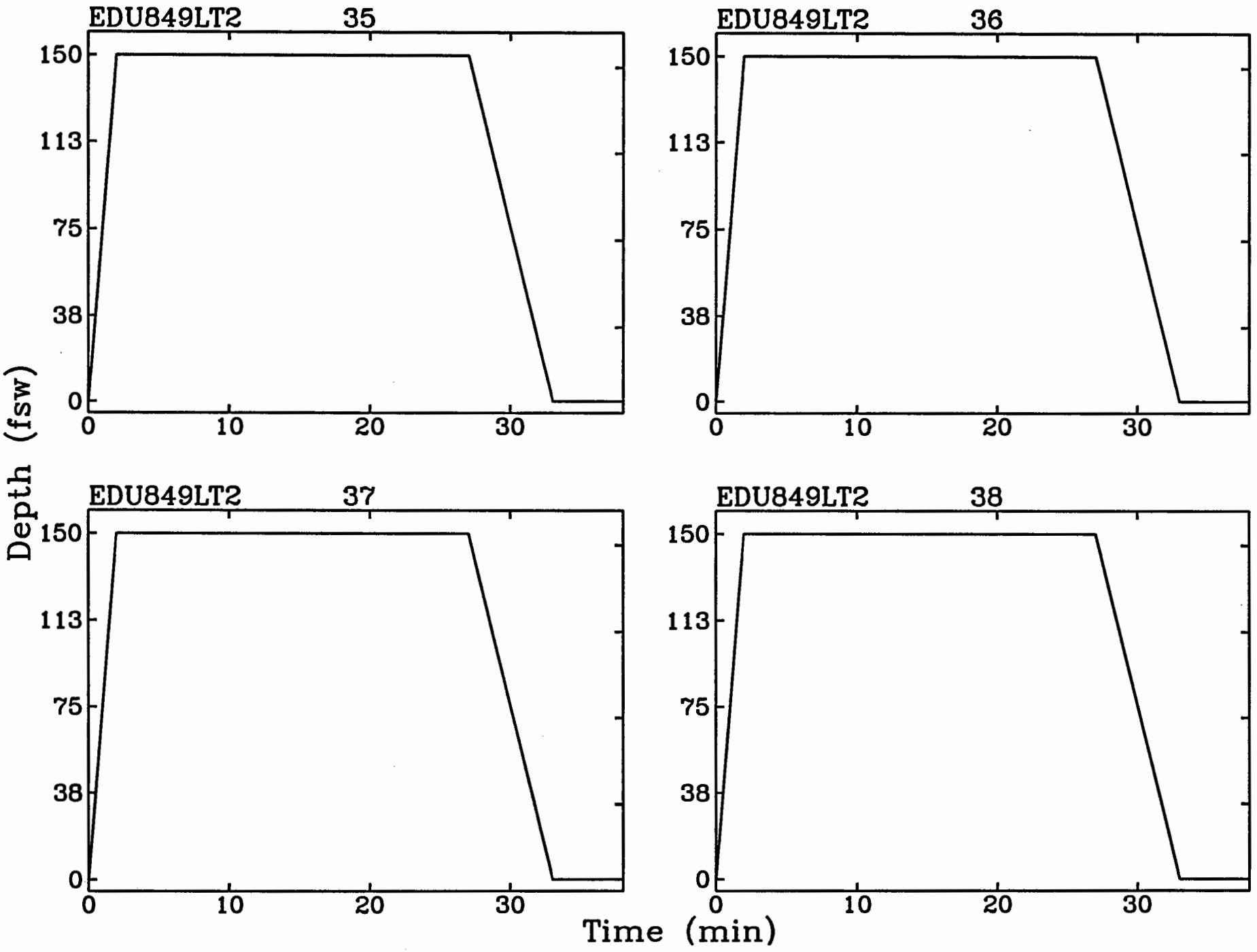

EDU849LT2 12
EDU849LT2 13
EDU849LT2 14
EDU849LT2 15
100
75
50
25
0
0
15
30
45
Depth (fsw)
Time (min)

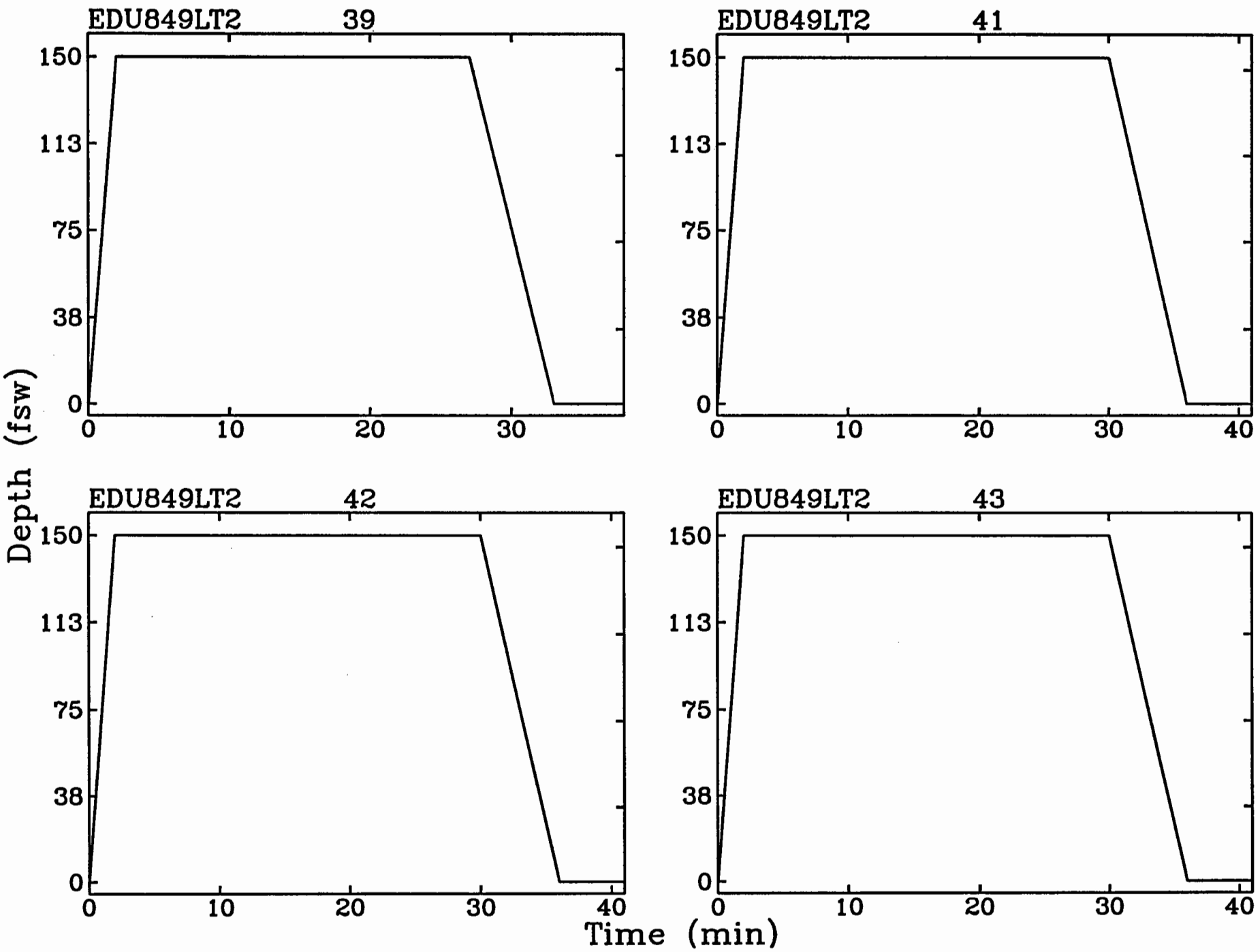

EDU849LT2 17
EDU849LT2 18
EDU849LT2 19
EDU849LT2 20
Depth (fsw)
Time (min)
0
25
50
75
100
0
15
30
45
60

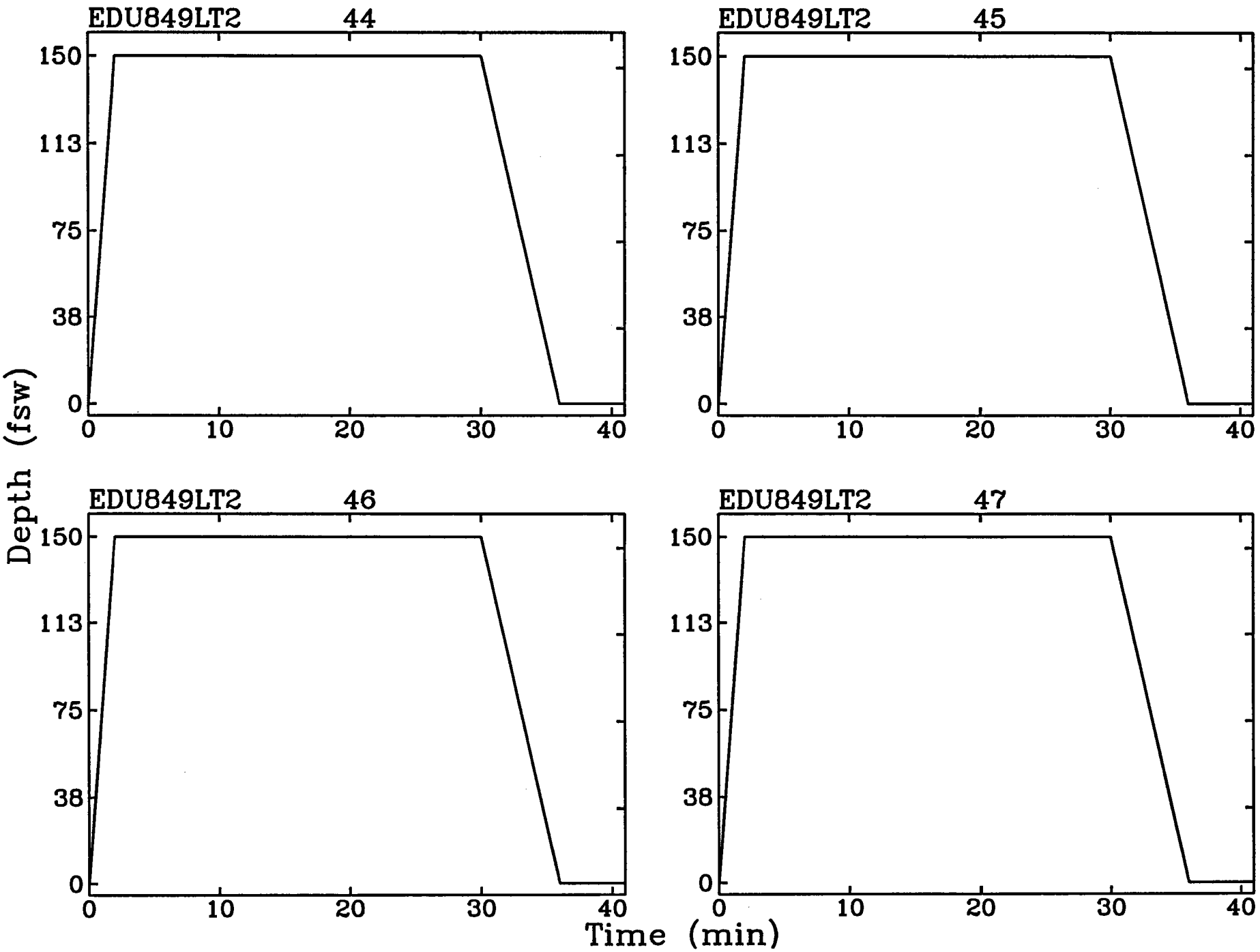

EDU849LT2 21
EDU849LT2 22
EDU849LT2 23
EDU849LT2 24
Depth (fsw)
Time (min)
100
75
50
25
0
0
15
30
45
60

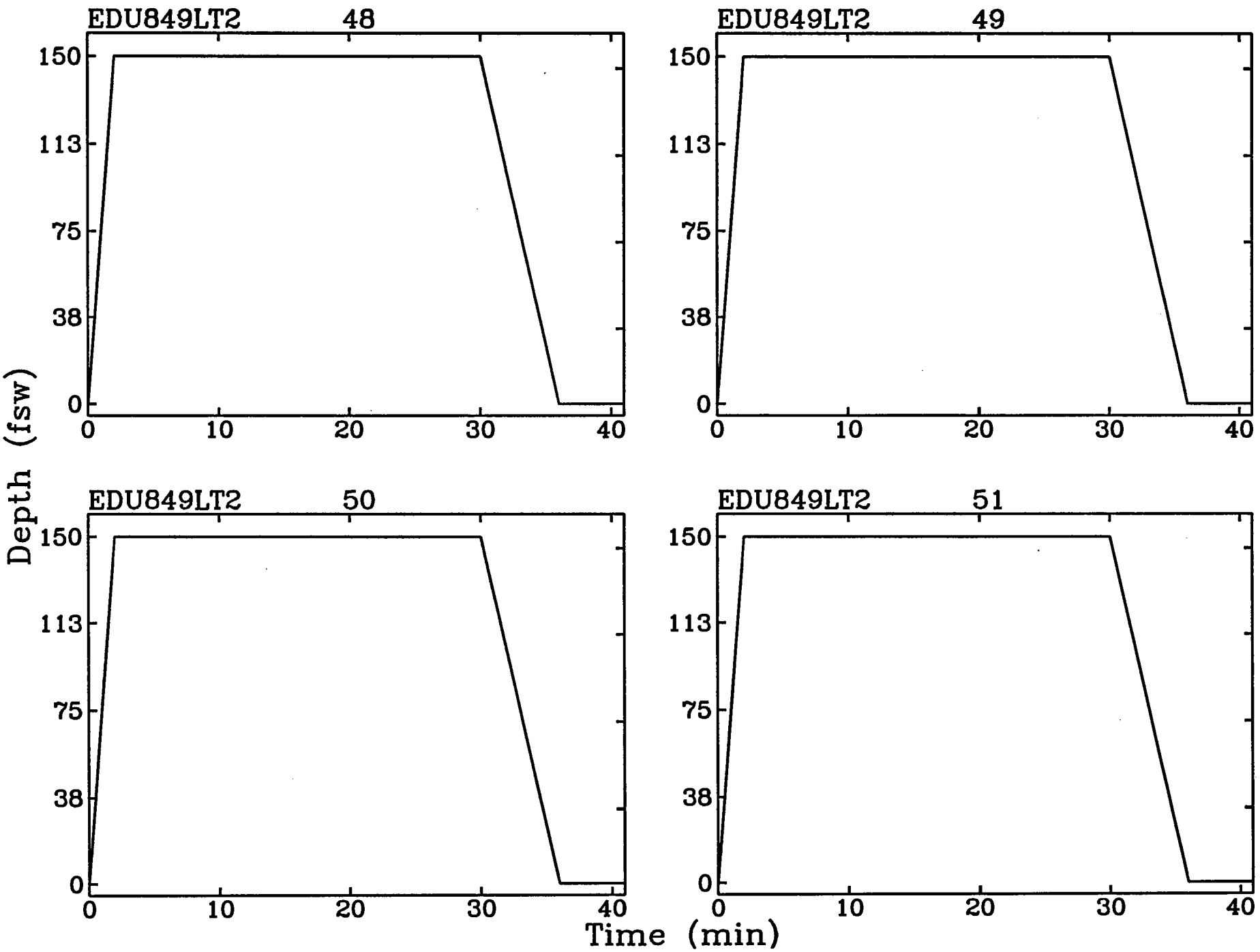

EDU849LT2 26
EDU849LT2 27
EDU849LT2 28
EDU849LT2 29
100
75
50
25
0
0
15
30
45
60
Depth (fsw)
Time (min)

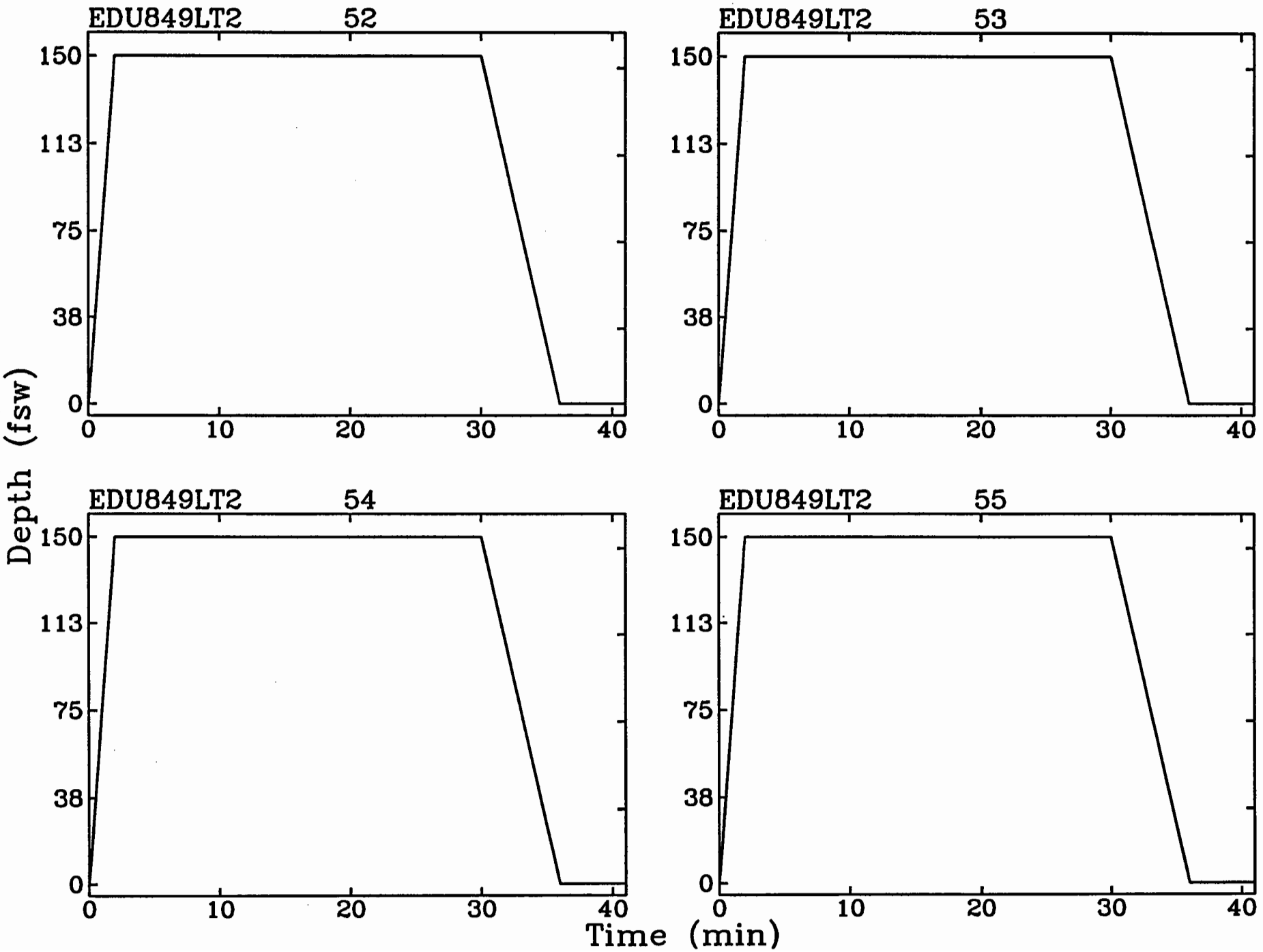

EDU849LT2 30
EDU849LT2 31
EDU849LT2 33
EDU849LT2 34
Depth (fsw)
Time (min)
100
75
50
25
0
150
113
38
0
15
30
45
60
10
20

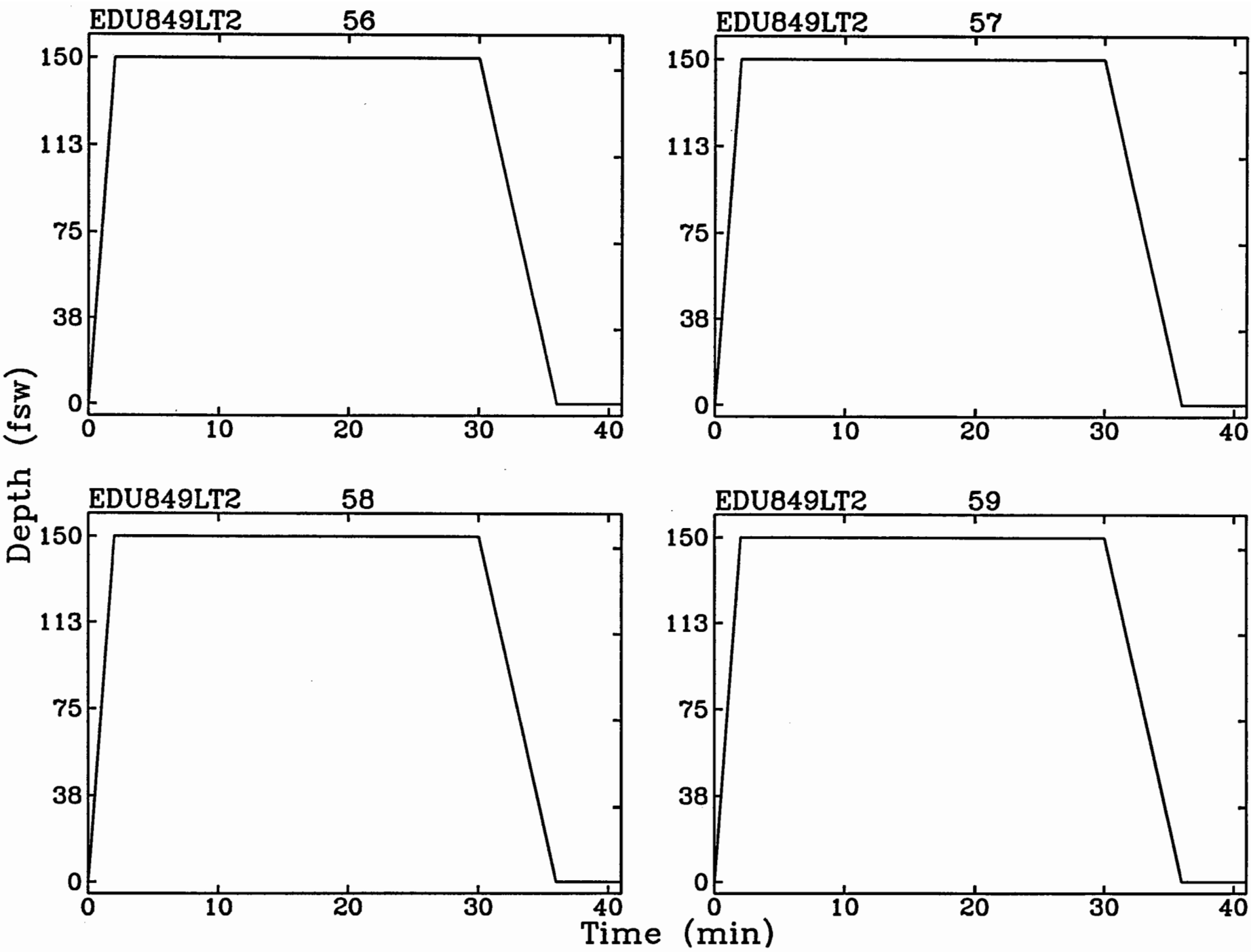

EDU849LT2 35
EDU849LT2 36
EDU849LT2 37
EDU849LT2 38
150
113
75
38
0
0
10
20
30
Depth (fsw)
Time (min)

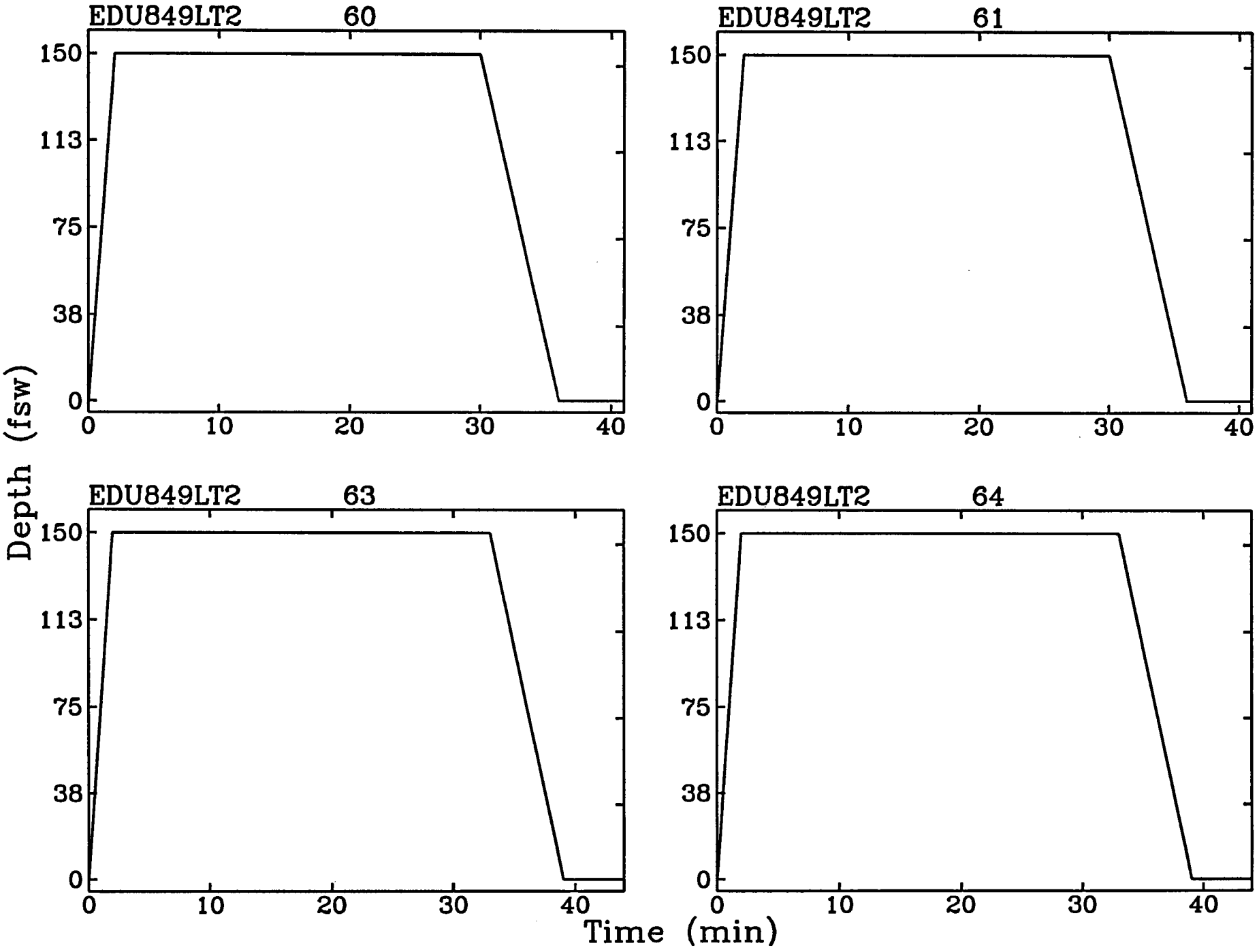

EDU849LT2 39
EDU849LT2 41
EDU849LT2 42
EDU849LT2 43
Depth (fsw)
Time (min)
150
113
75
38
0
0
10
20
30
40

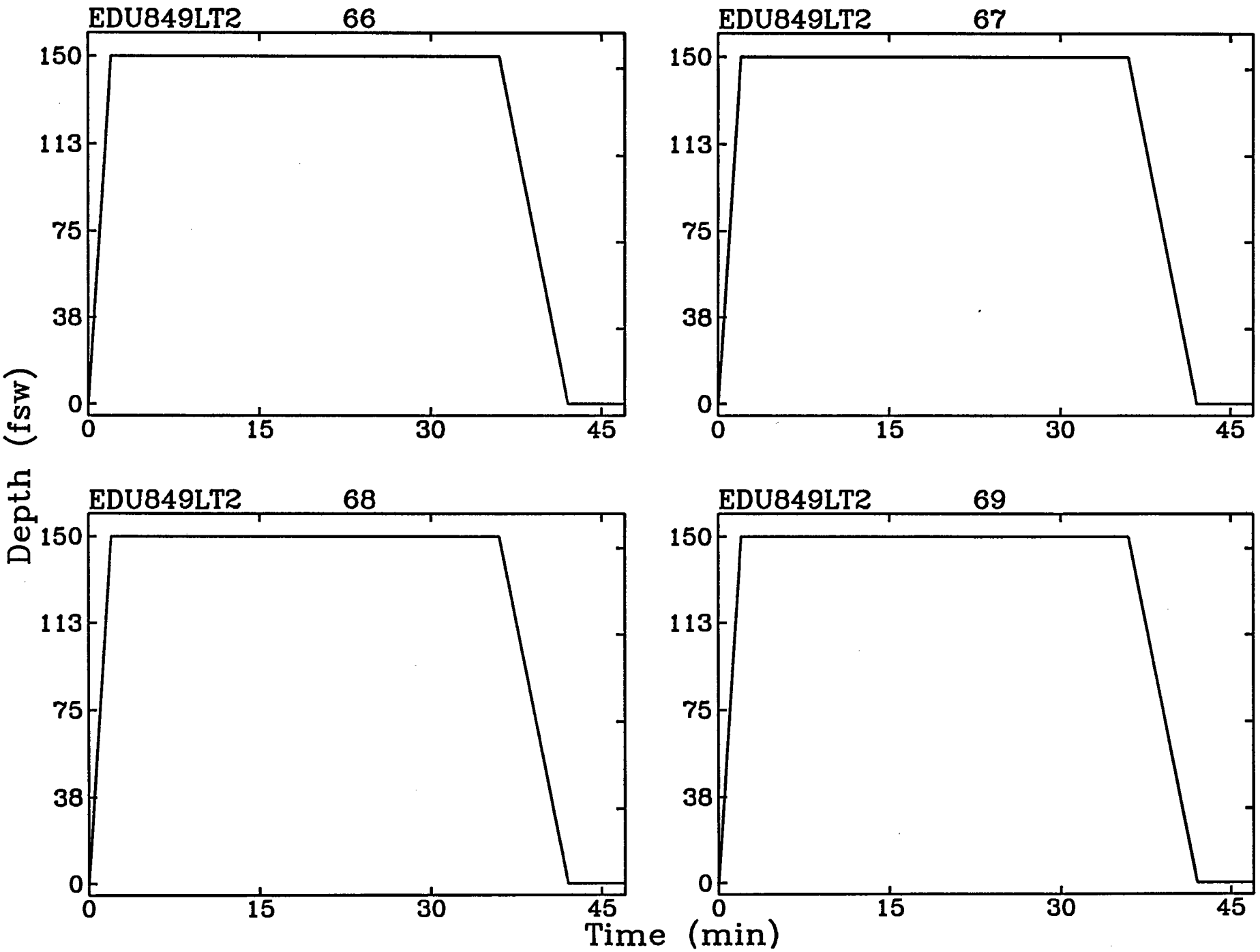

EDU849LT2 44
EDU849LT2 45
EDU849LT2 46
EDU849LT2 47
150
113
75
38
0
0
10
20
30
40
Depth (fsw)
Time (min)

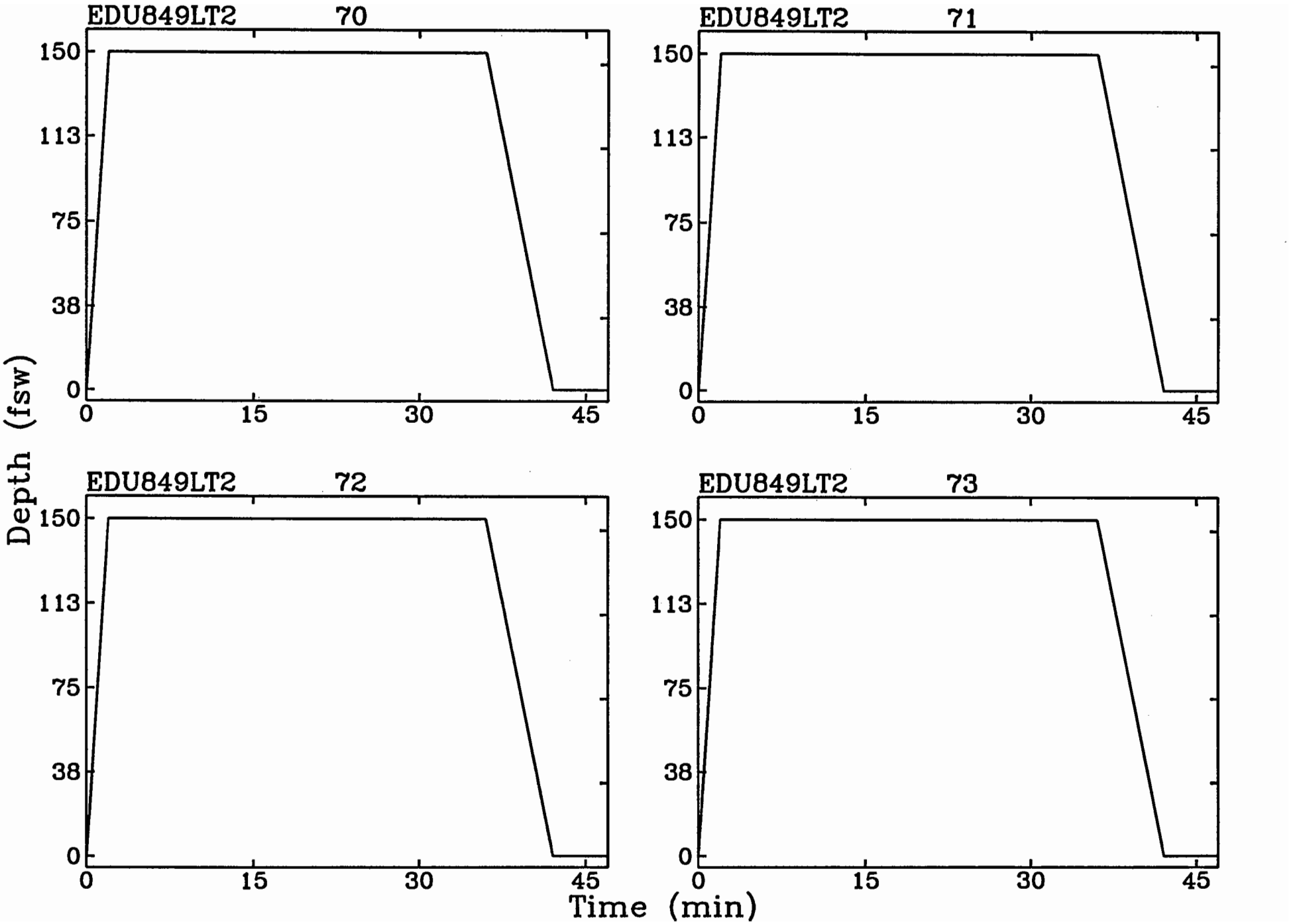

EDU849LT2 48
EDU849LT2 49
EDU849LT2 50
EDU849LT2 51
Depth (fsw)
150
113
75
38
0
0
10
20
30
40
Time (min)


EDU849LT2 52
EDU849LT2 53
EDU849LT2 54
EDU849LT2 55
150
113
75
38
0
0
10
20
30
40
Depth (fsw)
Time (min)


EDU849LT2 56
EDU849LT2 57
EDU849LT2 58
EDU849LT2 59
150
113
75
38
0
0
10
20
30
40
Depth (fsw)
Time (min)


EDU849LT2 60
EDU849LT2 61
EDU849LT2 63
EDU849LT2 64
150
113
75
38
0
0
10
20
30
40
Depth (fsw)
Time (min)

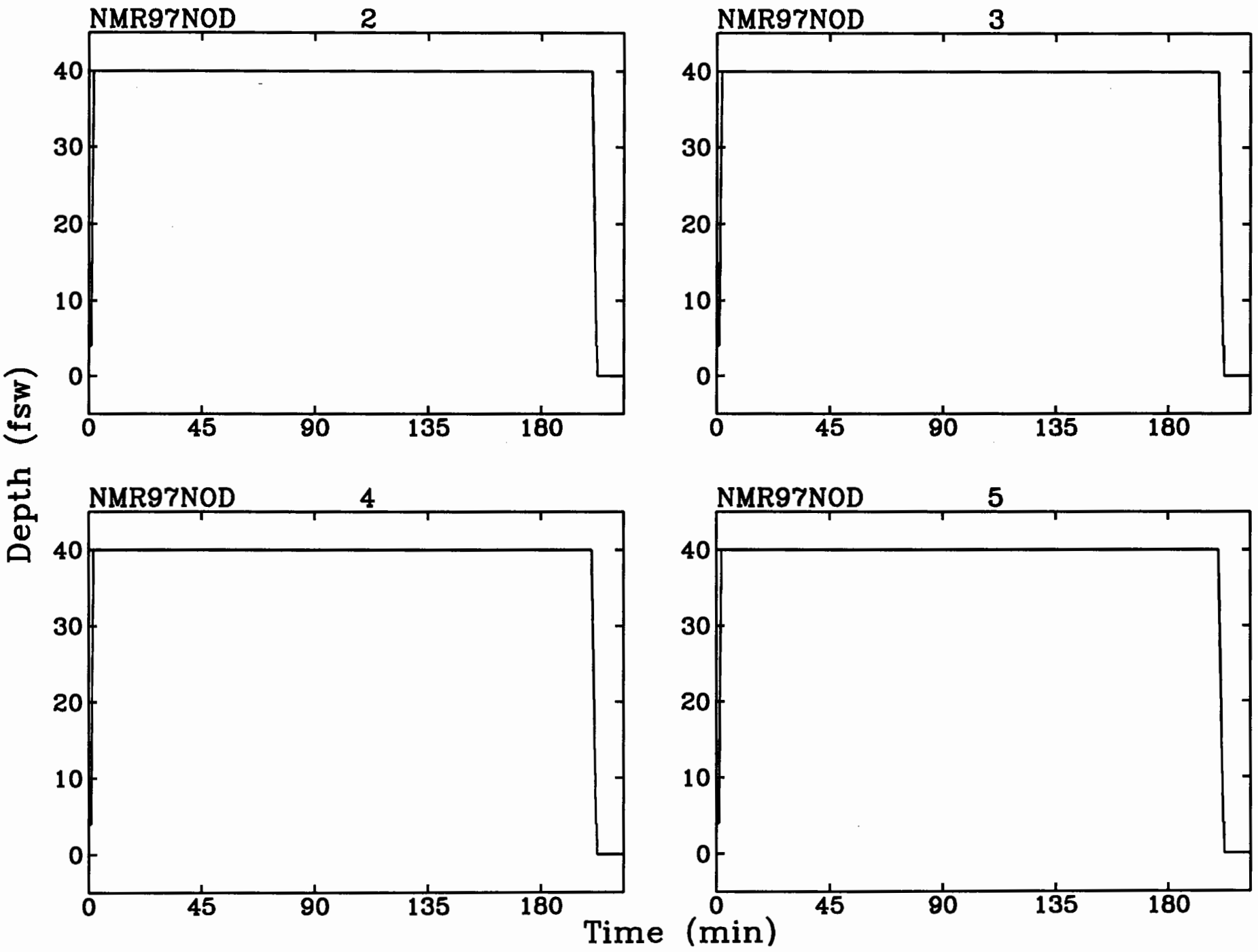

EDU849LT2 66
EDU849LT2 67
EDU849LT2 68
EDU849LT2 69
150
113
75
38
0
0
15
30
45
Depth (fsw)
Time (min)

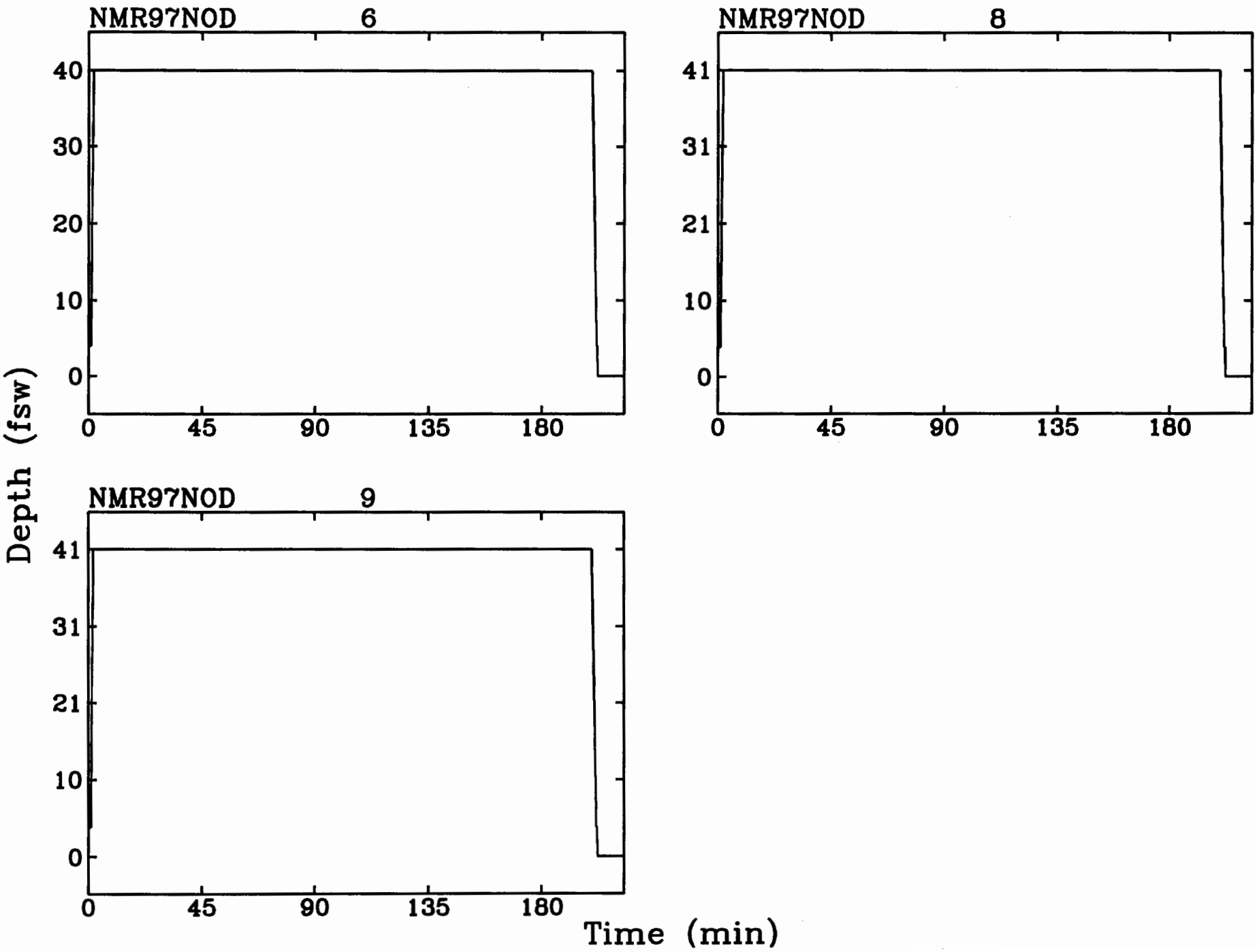

EDU849LT2 70
EDU849LT2 71
EDU849LT2 72
EDU849LT2 73
150
113
75
38
0
0
15
30
45
Depth (fsw)
Time (min)

SECTION I: SINGLE AIR DIVES

H. NMR97NOD 103 dives: 3 DCS, 4 Marginals

Profile #2	Profile #3	Profile #4	Profile #5
40.0, 200.0, 2.0, 1.0, 1, 0.5, 322.5, 610.5, 0.0, 0.0, 0.2, 4.0, 0.8, 4.0, 2.0, 40.0, 200.0, 40.0, 202.0, 4.0, 202.2, 4.0, 202.5, 0.0, 2000.0, 0.0,	40.0, 200.0, 2.0, 1.0, 1, 0.5, 212.5, 232.5, 0.0, 0.0, 0.2, 4.0, 0.8, 4.0, 2.0, 40.0, 200.0, 40.0, 202.0, 4.0, 202.2, 4.0, 202.5, 0.0, 2000.0, 0.0,	40.0, 200.0, 2.0, 1.0, 1, 0.5, 232.5, 424.5, 0.0, 0.0, 0.2, 4.0, 0.8, 4.0, 2.0, 40.0, 200.0, 40.0, 202.0, 4.0, 202.2, 4.0, 202.5, 0.0, 2000.0, 0.0,	40.0, 200.0, 2.0, 1.0, 1, 1.0, 322.5, 523.5, 0.0, 0.0, 0.2, 4.0, 0.8, 4.0, 2.0, 40.0, 200.0, 40.0, 202.0, 4.0, 202.2, 4.0, 202.5, 0.0, 2000.0, 0.0,
Profile #6	**Profile #8**	**Profile #9**	
40.0, 200.0, 2.0, 1.0, 1, 1.0, 202.5, 268.5, 0.0, 0.0, 0.2, 4.0, 0.8, 4.0, 2.0, 40.0, 200.0, 40.0, 202.0, 4.0, 202.2, 4.0, 202.5, 0.0, 2000.0, 0.0,	41.2, 200.0, 2.0, 1.0, 1, 0.5, 212.5, 251.5, 0.0, 0.0, 0.2, 4.0, 0.8, 4.0, 2.0, 41.2, 200.0, 41.2, 202.0, 4.0, 202.2, 4.0, 202.5, 0.0, 2000.0, 0.0,	41.2, 200.0, 2.0, 1.0, 1, 1.0, 212.5, 274.5, 0.0, 0.0, 0.2, 4.0, 0.8, 4.0, 2.0, 41.2, 200.0, 41.2, 202.0, 4.0, 202.2, 4.0, 202.5, 0.0, 2000.0, 0.0,	


NMR97NOD 2
NMR97NOD 3
NMR97NOD 4
NMR97NOD 5
Depth (fsw)
Time (min)
0
10
20
30
40
0
45
90
135
180


NMR97NOD 6
NMR97NOD 8
NMR97NOD 9
Depth (fsw)
Time (min)
0
10
20
30
40
21
31
41
45
90
135
180

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SECTION I: SINGLE AIR DIVES

I. EDU545 94 dives; 18 DCS, 7 Marginal

Profile #1	Profile #2	Profile #3	Profile #4
100.0, 85.0, 61.0, 1.0, 1, 1.0, 145.0, 166.0, 0.00, 0.00, 1.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 95.00, 20.00, 123.00, 20.00, 124.00, 10.00, 145.00, 10.00, 146.00, 0.00, 1586.00, 0.00,	100.0, 85.0, 61.0, 1.0, 1, 0.5, 145.0, 1586.0, 0.00, 0.00, 2.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 95.00, 20.00, 123.00, 20.00, 124.00, 10.00, 145.00, 10.00, 146.00, 0.00, 1586.00, 0.00,	100.0, 85.0, 61.0, 1.0, 1, 1.0, 176.0, 236.0, 0.00, 0.00, 2.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 95.00, 20.00, 123.00, 20.00, 124.00, 10.00, 145.00, 10.00, 146.00, 0.00, 1586.00, 0.00,	100.0, 85.0, 61.0, 1.0, 1, 1.0, 176.0, 214.0, 0.00, 0.00, 2.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 95.00, 20.00, 123.00, 20.00, 124.00, 10.00, 145.00, 10.00, 146.00, 0.00, 1586.00, 0.00,
Profile #5	**Profile #6**	**Profile #7**	**Profile #8**
100.0, 85.0, 61.0, 1.0, 1, 1.0, 156.0, 176.0, 0.00, 0.00, 1.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 95.00, 20.00, 123.00, 20.00, 124.00, 10.00, 145.00, 10.00, 146.00, 0.00, 1586.00, 0.00,	100.0, 85.0, 61.0, 1.0, 1, 1.0, 176.0, 274.0, 0.00, 0.00, 1.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 95.00, 20.00, 123.00, 20.00, 124.00, 10.00, 145.00, 10.00, 146.00, 0.00, 1586.00, 0.00,	100.0, 85.0, 61.0, 1.0, 1, 1.0, 156.0, 206.0, 0.00, 0.00, 2.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 95.00, 20.00, 123.00, 20.00, 124.00, 10.00, 145.00, 10.00, 146.00, 0.00, 1586.00, 0.00,	100.0, 85.0, 61.0, 1.0, 1, 0.5, 145.0, 156.0, 0.00, 0.00, 2.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 95.00, 20.00, 123.00, 20.00, 124.00, 10.00, 145.00, 10.00, 146.00, 0.00, 1586.00, 0.00,

Profile #9

100.0, 85.0, 61.0,
1.0, 1, 0.5, 145.0, 1586.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 20.00,
123.00, 20.00,
124.00, 10.00,
145.00, 10.00,
146.00, 0.00,
1586.00, 0.00,

Profile #10

100.0, 85.0, 61.0,
1.0, 1, 1.0, 156.0, 206.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 20.00,
123.00, 20.00,
124.00, 10.00,
145.00, 10.00,
146.00, 0.00,
1586.00, 0.00,

Profile #11

100.0, 85.0, 61.0,
1.0, 1, 1.0, 156.0, 191.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 20.00,
123.00, 20.00,
124.00, 10.00,
145.00, 10.00,
146.00, 0.00,
1586.00, 0.00,

Profile #12

100.0, 85.0, 61.0,
1.0, 1, 1.0, 176.0, 322.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 20.00,
123.00, 20.00,
124.00, 10.00,
145.00, 10.00,
146.00, 0.00,
1586.00, 0.00,

Profile #13

130.0, 55.0, 77.0,
1.0, 1, 1.0, 142.0, 180.0,
0.00, 0.00,
3.00, 130.00,
55.00, 130.00,
60.00, 30.00,
73.00, 30.00,
74.00, 20.00,
102.00, 20.00,
103.00, 10.00,
131.00, 10.00,
132.00, 0.00,
1572.00, 0.00,

Profile #14

130.0, 55.0, 76.0,
1.0, 1, 1.0, 130.0, 142.0,
0.00, 0.00,
2.00, 130.00,
55.00, 130.00,
59.00, 30.00,
72.00, 30.00,
73.00, 20.00,
101.00, 20.00,
102.00, 10.00,
130.00, 10.00,
131.00, 0.00,
1571.00, 0.00,

Profile #15

130.0, 55.0, 76.0,
1.0, 1, 1.0, 251.0, 556.0,
0.00, 0.00,
2.00, 130.00,
55.00, 130.00,
59.00, 30.00,
72.00, 30.00,
73.00, 20.00,
101.00, 20.00,
102.00, 10.00,
130.00, 10.00,
131.00, 0.00,
1571.00, 0.00,

Profile #16

130.0, 55.0, 76.0,
1.0, 1, 1.0, 161.0, 251.0,
0.00, 0.00,
8.00, 130.00,
55.00, 130.00,
59.00, 30.00,
72.00, 30.00,
73.00, 20.00,
101.00, 20.00,
102.00, 10.00,
130.00, 10.00,
131.00, 0.00,
1571.00, 0.00,

Profile #26

150.0, 38.0, 65.0,
1.0, 1, 0.5, 38.0, 43.0,
0.00, 0.00,
2.00, 150.00,
38.00, 150.00,
43.00, 20.00,
71.00, 20.00,
72.00, 10.00,
102.00, 10.00,
103.00, 0.00,
1543.00, 0.00,

Profile #27

150.0, 38.0, 65.0,
1.0, 1, 1.0, 38.0, 43.0,
0.00, 0.00,
3.00, 150.00,
38.00, 150.00,
43.00, 20.00,
71.00, 20.00,
72.00, 10.00,
102.00, 10.00,
103.00, 0.00,
1543.00, 0.00,

Profile #28

150.0, 38.0, 65.0,
1.0, 1, 1.0, 102.0, 108.0,
0.00, 0.00,
3.00, 150.00,
38.00, 150.00,
43.00, 20.00,
71.00, 20.00,
72.00, 10.00,
102.00, 10.00,
103.00, 0.00,
1543.00, 0.00,

Profile #29

150.0, 38.0, 65.0,
1.0, 1, 1.0, 102.0, 123.0,
0.00, 0.00,
2.00, 150.00,
38.00, 150.00,
43.00, 20.00,
71.00, 20.00,
72.00, 10.00,
102.00, 10.00,
103.00, 0.00,
1543.00, 0.00,

Profile #30

150.0, 38.0, 98.0,
1.0, 1, 0.5, 135.0, 136.0,
0.00, 0.00,
3.00, 150.00,
38.00, 150.00,
43.00, 30.00,
71.00, 30.00,
76.00, 20.00,
104.00, 20.00,
105.00, 10.00,
135.00, 10.00,
136.00, 0.00,
1576.00, 0.00,

Profile #31

150.0, 38.0, 98.0,
1.0, 1, 0.5, 135.0, 136.0,
0.00, 0.00,
3.00, 150.00,
38.00, 150.00,
43.00, 30.00,
71.00, 30.00,
76.00, 20.00,
104.00, 20.00,
105.00, 10.00,
135.00, 10.00,
136.00, 0.00,
1576.00, 0.00,

Profile #32

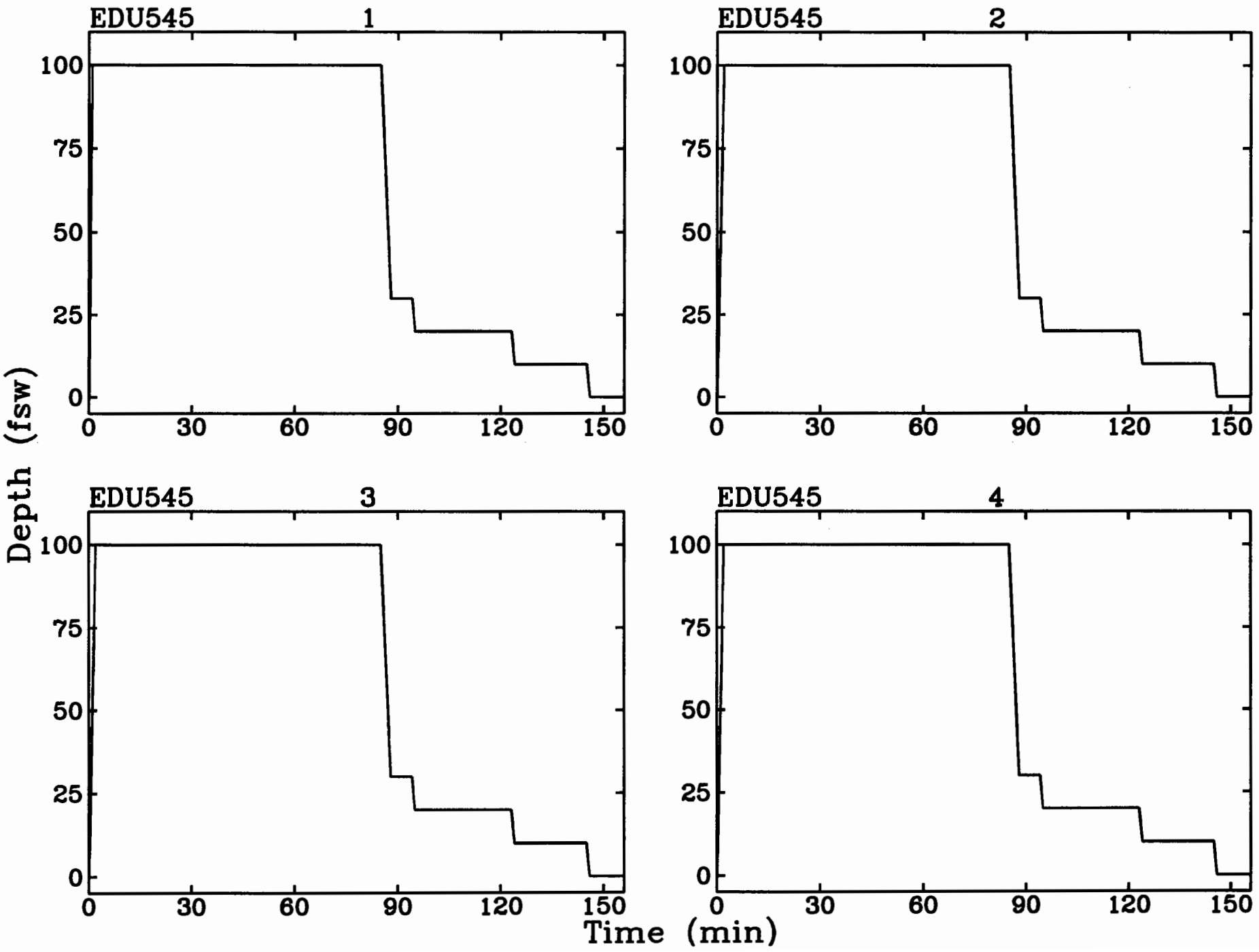
170.0, 30.0, 59.0,
1.0, 1, 1.0, 119.0, 209.0,
0.00, 0.00,
6.00, 170.00,
30.00, 170.00,
36.00, 20.00,
60.00, 20.00,
61.00, 10.00,
88.00, 10.00,
89.00, 0.00,
1529.00, 0.00,

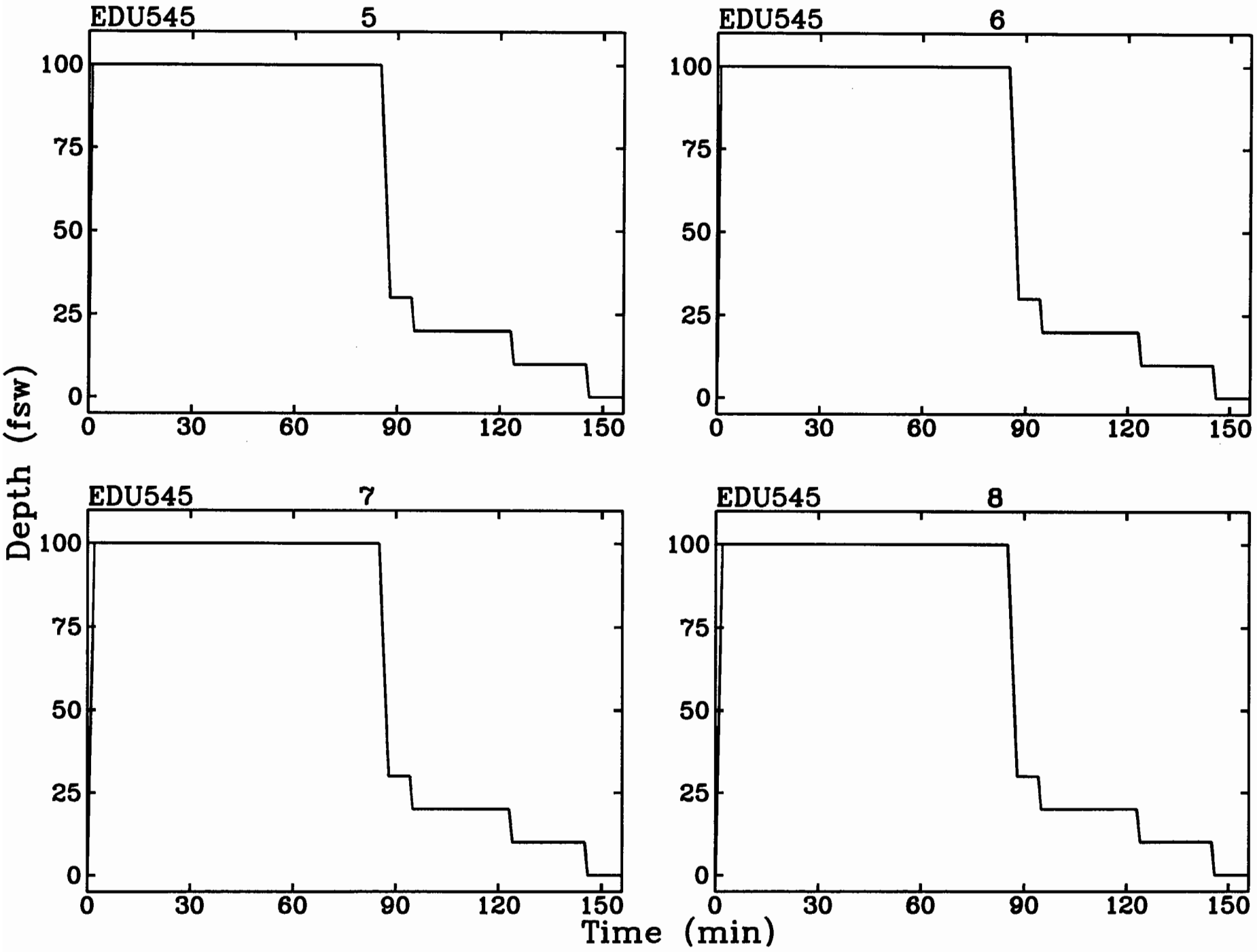
Profile #33

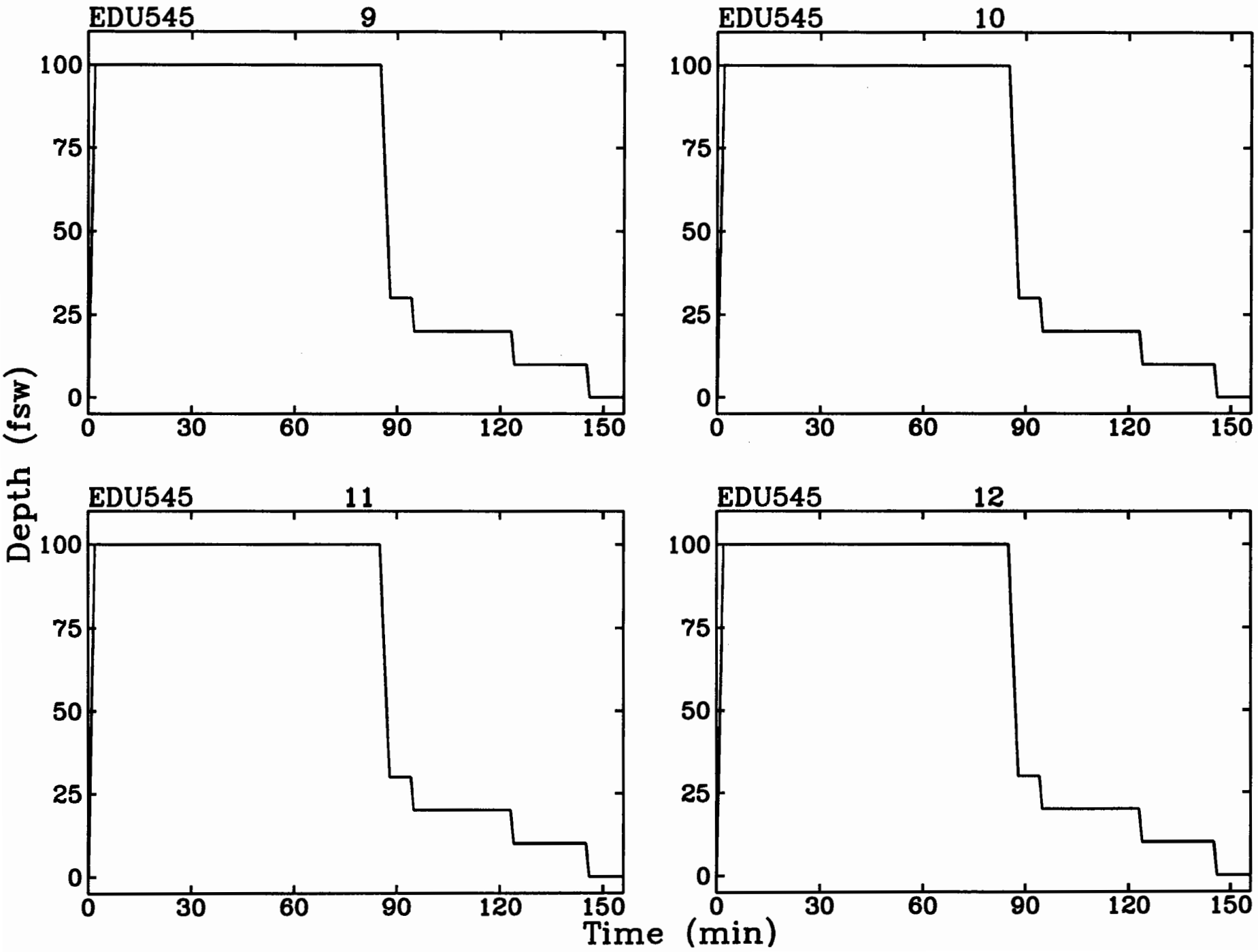
170.0, 30.0, 59.0,
1.0, 1, 1.0, 119.0, 270.0,
0.00, 0.00,
3.00, 170.00,
30.00, 170.00,
36.00, 20.00,
60.00, 20.00,
61.00, 10.00,
88.00, 10.00,
89.00, 0.00,
1529.00, 0.00,

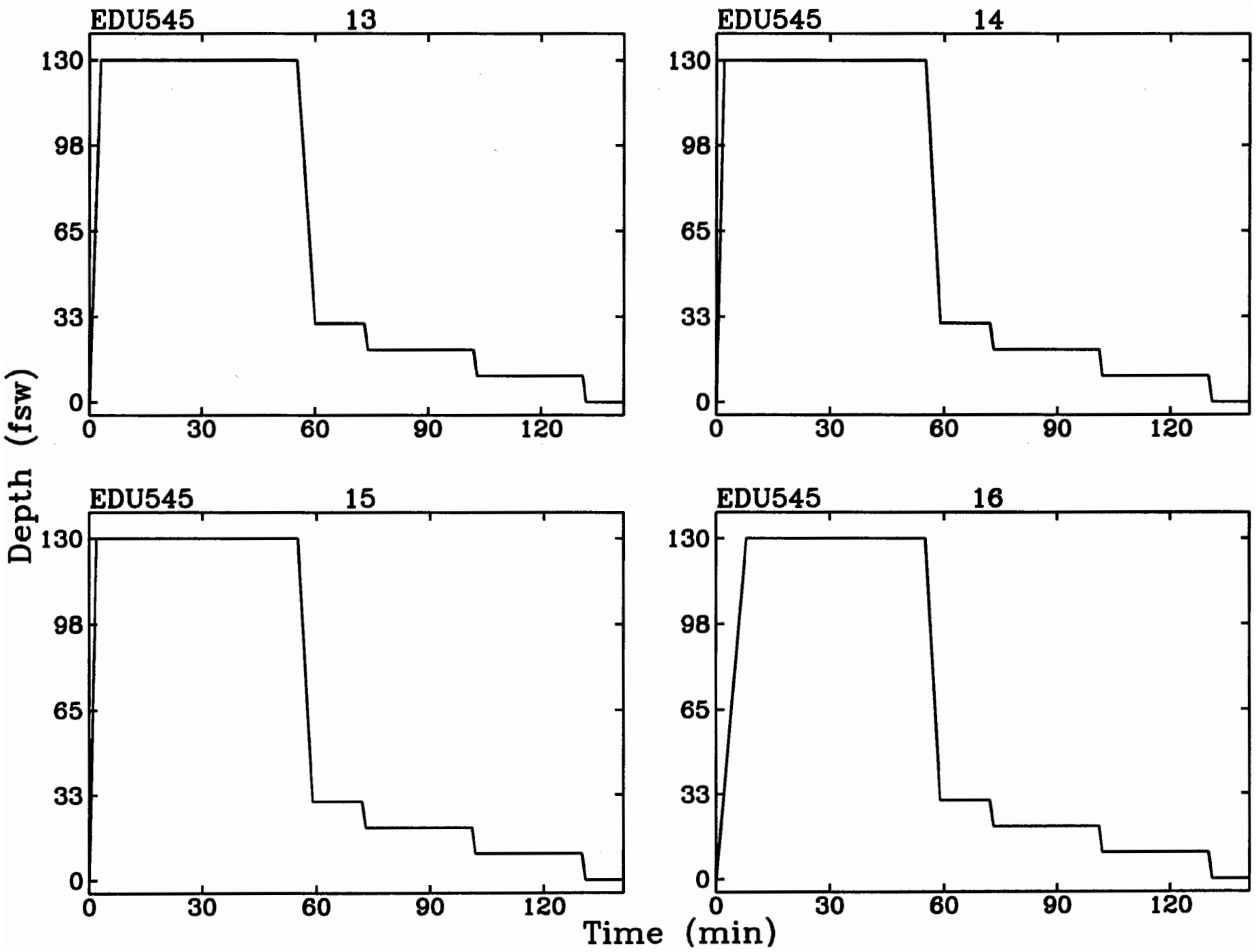
Profile #34

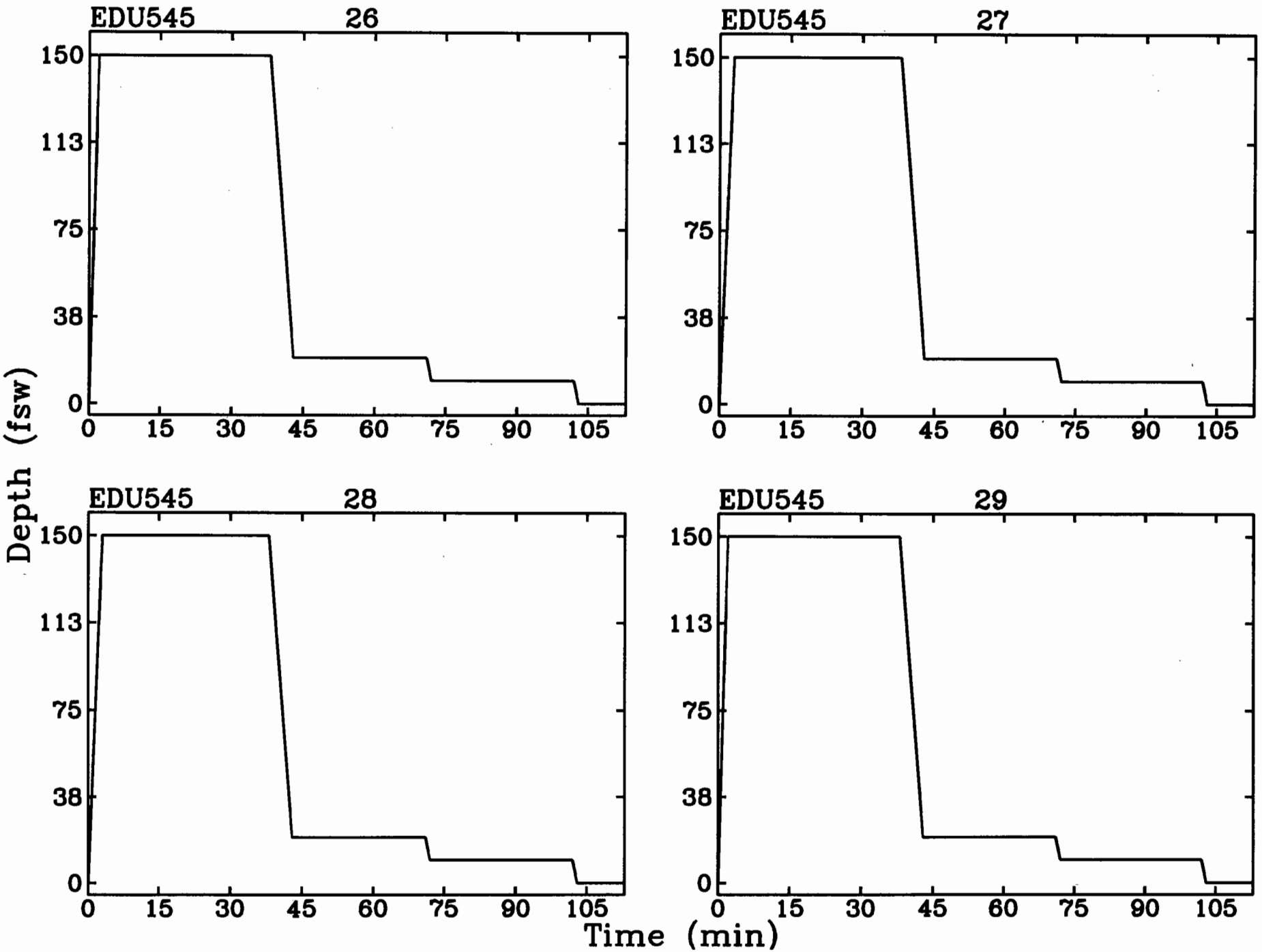
170.0, 30.0, 59.0,
1.0, 1, 0.5, 88.0, 89.0,
0.00, 0.00,
4.00, 170.00,
30.00, 170.00,
36.00, 20.00,
60.00, 20.00,
61.00, 10.00,
88.00, 10.00,
89.00, 0.00,
1529.00, 0.00,

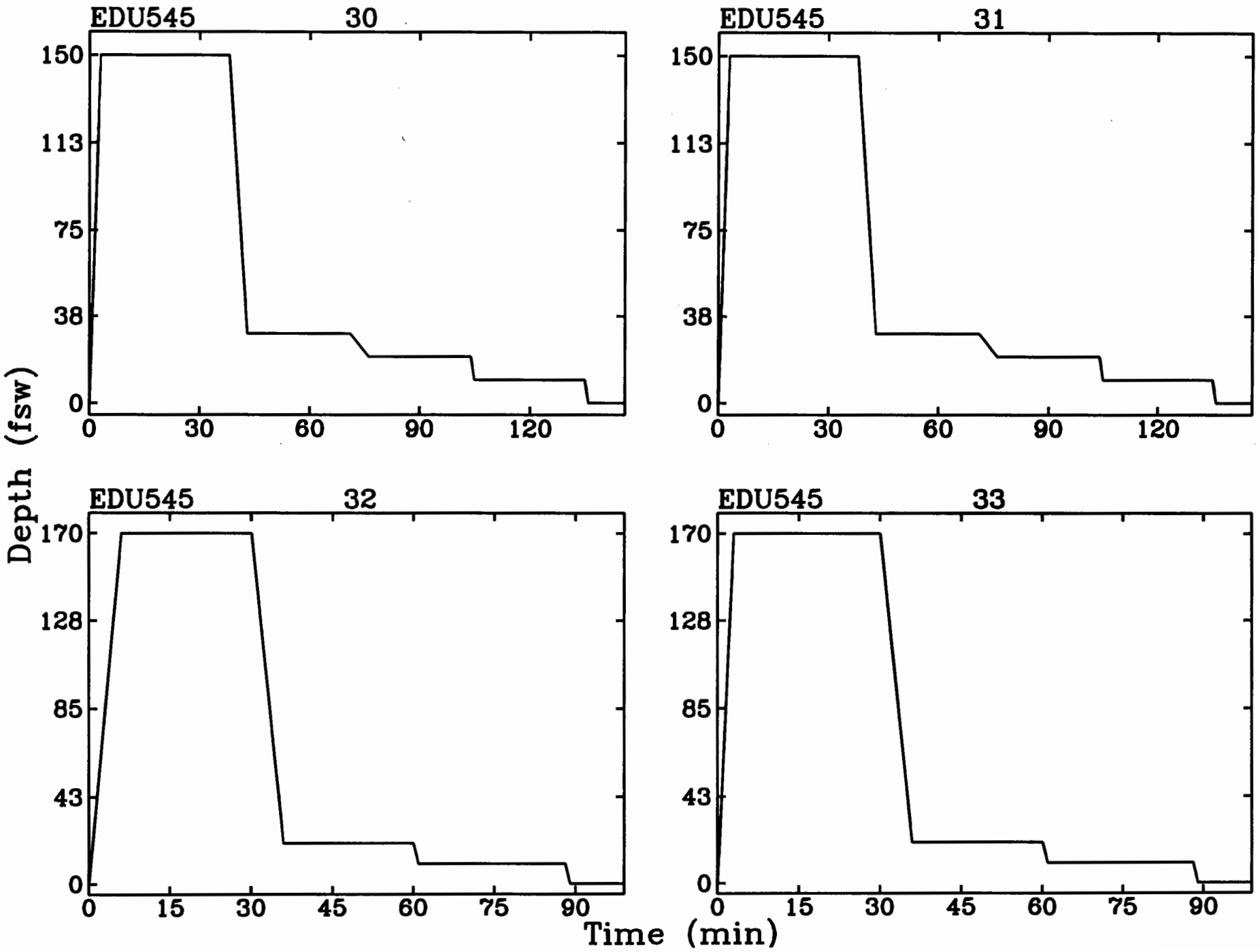

EDU545 1
EDU545 2
EDU545 3
EDU545 4
Depth (fsw)
Time (min)
0
25
50
75
100
0
30
60
90
120
150

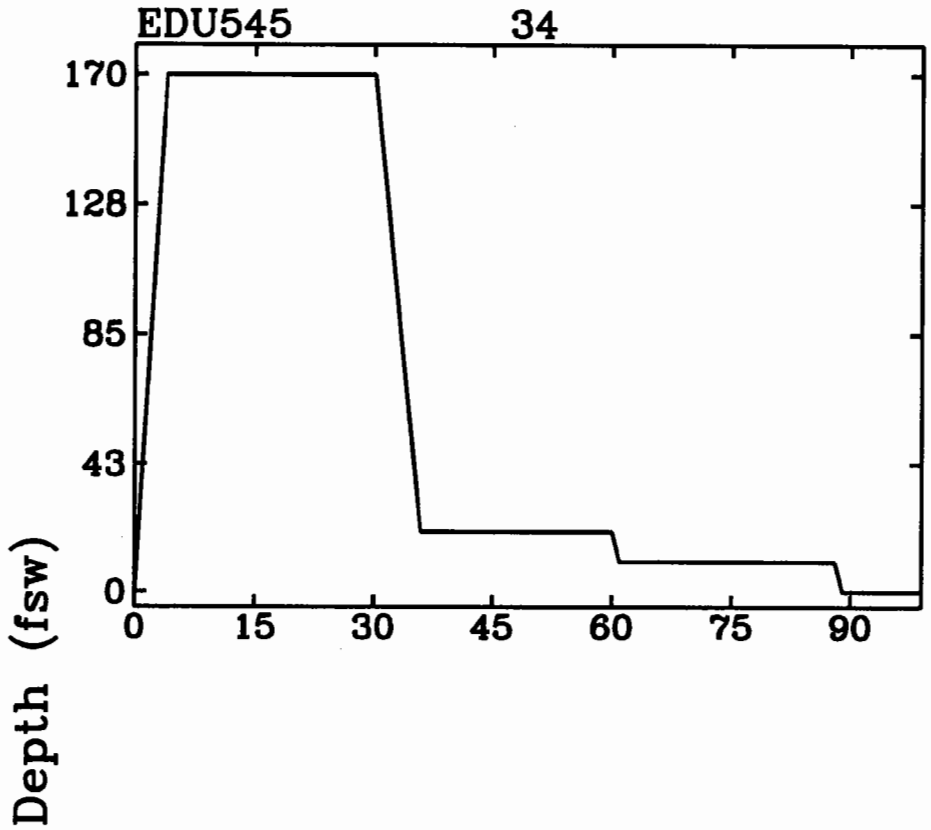

EDU545 5
EDU545 6
EDU545 7
EDU545 8
Depth (fsw)
Time (min)
100
75
50
25
0
0
30
60
90
120
150


EDU545 9
EDU545 10
EDU545 11
EDU545 12
Depth (fsw)
Time (min)
0
25
50
75
100
0
30
60
90
120
150


EDU545 13
EDU545 14
EDU545 15
EDU545 16
130
98
65
33
0
0
30
60
90
120
Depth (fsw)
Time (min)


EDU545 26
EDU545 27
EDU545 28
EDU545 29
150
113
75
38
0
0 15 30 45 60 75 90 105
Depth (fsw)
Time (min)

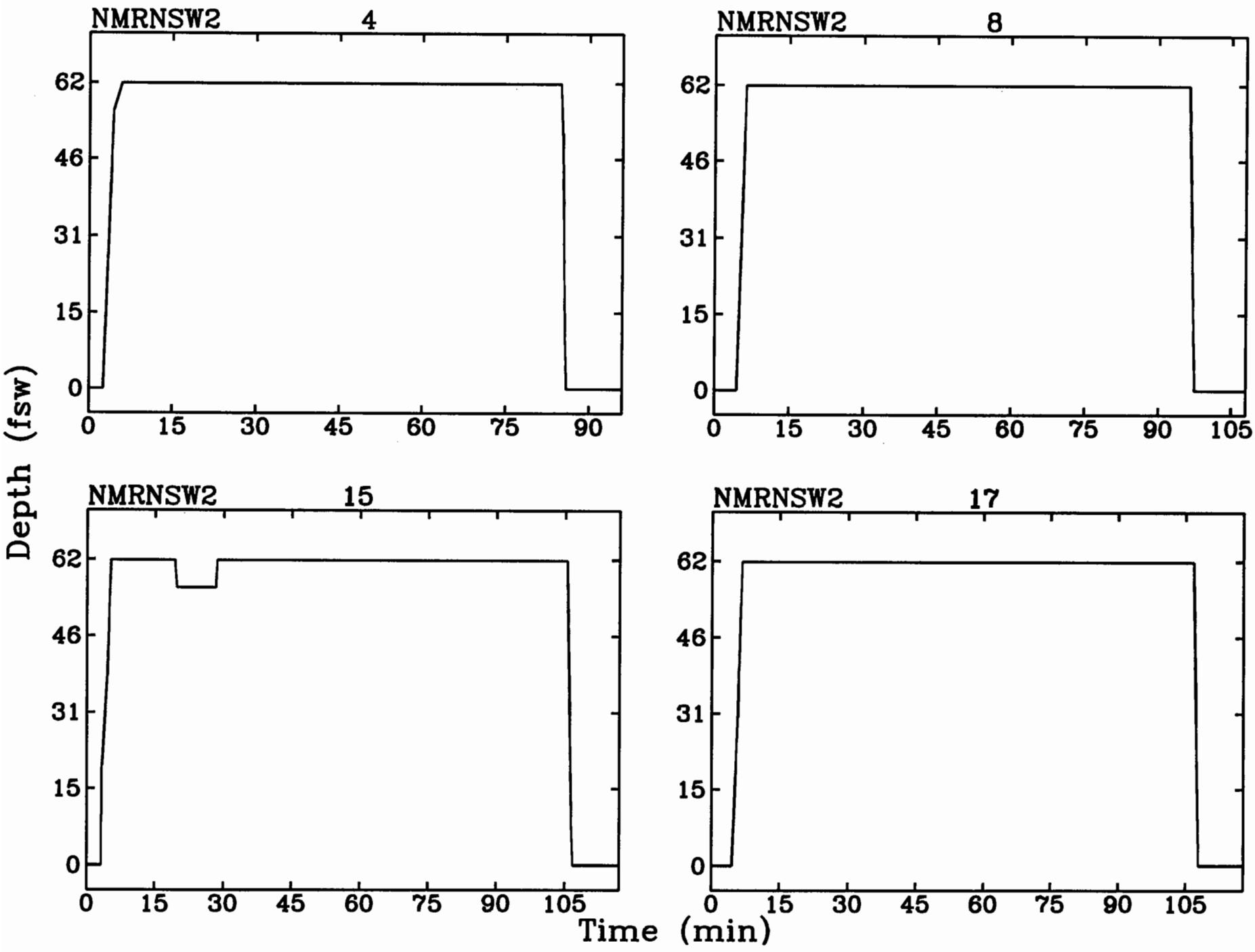

EDU545 30
EDU545 31
EDU545 32
EDU545 33
Depth (fsw)
Time (min)
150
113
75
38
0
170
128
85
43
0
30
60
90
120
15
45
75

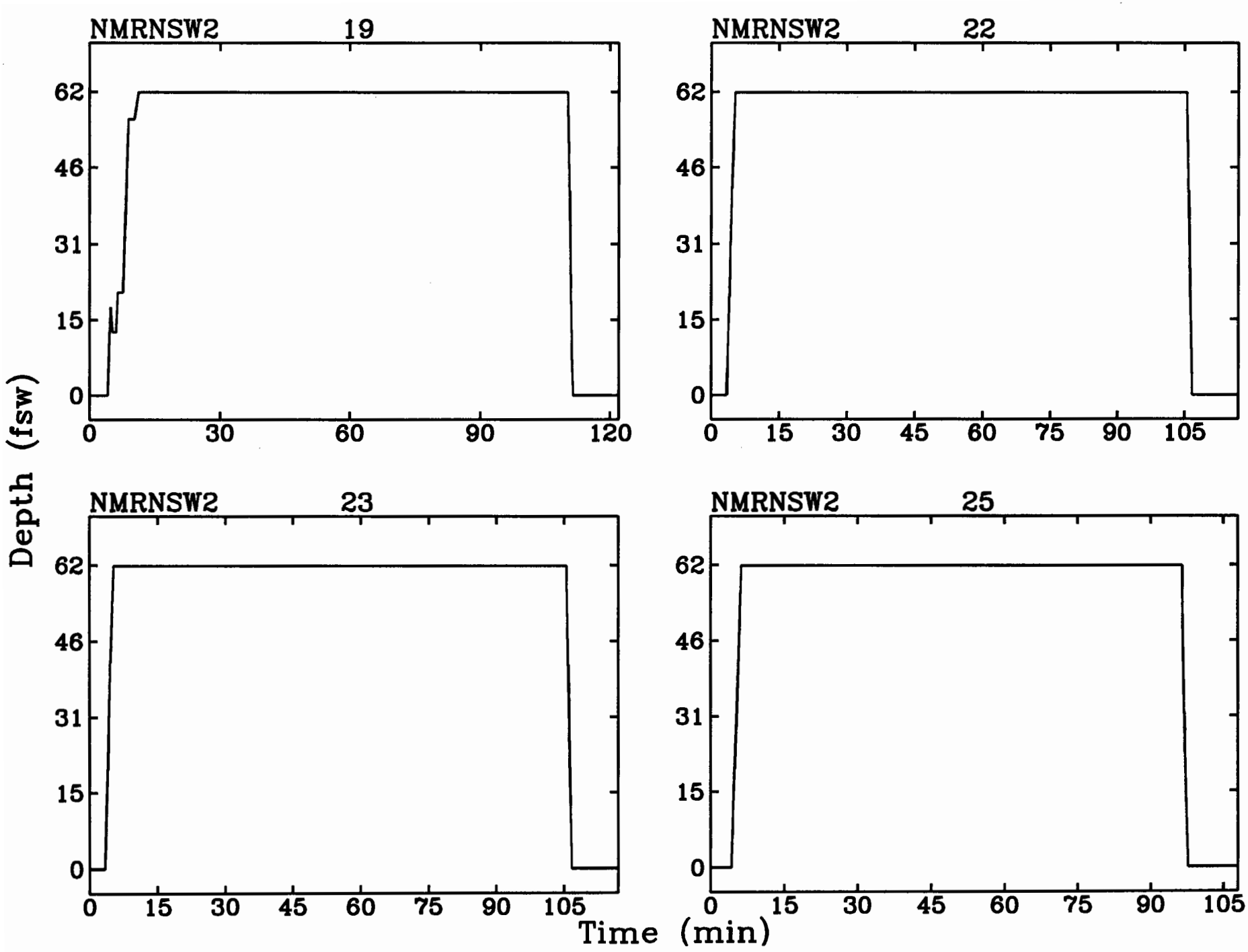

EDU545
34
170
128
85
43
0
0
15
30
45
60
75
90
Depth (fsw)
Time (min)

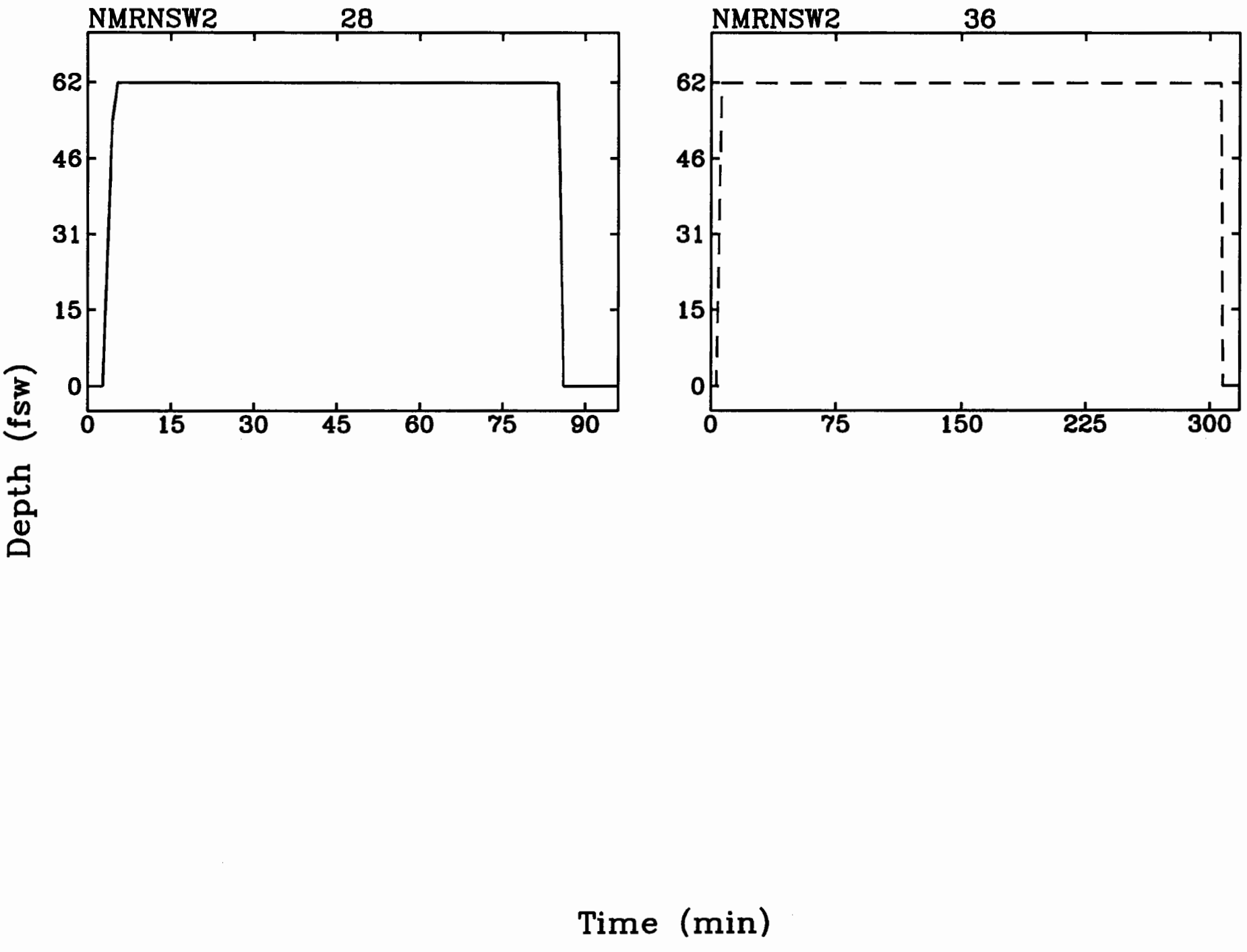
SECTION I: SINGLE AIR DIVES

J. NMRNSW2 91 dives: 5 DCS, 5 Marginal

Profile #4	Profile #8	Profile #15	Profile #17	Profile #19
61.5, 82.3, 1.1, 1.0, 1, 0.5, 206.0, 266.0, 0.00, 0.0, 2.50, 0.0, 4.30, 56.0, 5.80, 61.5, 84.80, 61.5, 85.10, 51.5, 85.70, 9.5, 85.90, 0.0, 1525.90, 0.0,	61.5, 91.9, 1.2 1.0, 1, 1.0, 127.5, 217.5, 0.00, 0.0, 4.40, 0.0, 6.30, 61.5, 96.30, 61.5, 97.30, 9.5, 97.50, 0.0, 1537.50, 0.0,	61.5, 102.2, 1.3, 1.0, 1, 0.5, 227.0, 297.0, 0.00, 0.0, 3.00, 0.0, 3.20, 0.0, 3.40, 20.0, 4.50, 38.0, 5.30, 61.5, 19.30, 61.5, 19.80, 56.0, 28.30, 56.0, 28.60, 61.5, 105.40, 61.5, 106.40, 7.5, 106.70, 0.0, 1546.70, 0.0,	61.5, 102.4, 1.1, 1.0, 1, 0.5, 117.9, 137.9, 0.00, 0.0, 4.40, 0.0, 5.70, 30.0, 6.30, 50.0, 6.70, 61.5, 106.80, 61.5, 107.70, 9.5, 107.90, 0.0, 1547.90, 0.0,	61.5, 106.1, 1.3, 1.0, 1, 1.0, 141.5, 204.5, 0.00, 0.0, 4.10, 0.0, 4.80, 18.0, 5.30, 13.0, 6.10, 13.0, 6.50, 21.0, 7.60, 21.0, 8.90, 56.0, 10.20, 56.0, 11.20, 61.5, 110.20, 61.5, 110.60, 41.5, 111.20, 7.5, 111.50, 0.0, 1551.50, 0.0,
Profile #22	**Profile #23**	**Profile #25**	**Profile #28**	**Profile #36**
61.5, 102.1, 1.2, 1.0, 1, 0.5, 226.7, 1546.7, 0.00, 0.0, 3.40, 0.0, 4.00, 20.0, 4.60, 42.0, 5.40, 61.5, 105.50, 61.5, 105.90, 41.5, 106.50, 9.5, 106.70, 0.0, 1546.70, 0.0,	61.5, 102.1, 1.2, 1.0, 1, 1.0, 226.7, 467., 0.00, 0.0, 3.40, 0.0, 4.00, 20.0, 4.60, 42.0, 5.40, 61.5, 105.50, 61.5, 105.90, 41.5, 106.50, 9.5, 106.70, 0.0, 1546.70, 0.0,	61.5, 92.2, 1.2, 1.0, 1, 1.0, 217.7, 608., 0.00, 0.0, 4.20, 0.0, 4.90, 20.0, 6.30, 61.5, 96.50, 61.5, 96.90, 31.5, 97.40, 9.5, 97.70, 0.0, 1537.70, 0.0,	61.5, 82.3, 1.1, 1.0, 1, 1.0, 96.1, 121.1, 0.00, 0.0, 2.70, 0.0, 4.40, 54.0, 5.30, 61.5, 85.00, 61.5, 85.90, 11.5, 86.10, 0.0, 1526.10, 0.0,	61.5, 303.2, 1.4, 1.0, 1, 0.5, 337.8, 362.8, 0.00, 0.00, 2.40, 0.5 3.30, 0.00, 6.30, 61.50, 306.50, 61.50, 307.00, 41.50, 307.40, 17.50, 307.60, 7.50, 307.80, 0.00, 308.33, 0.00, 1.0, 0.5 1748.33, 0,


NMRNSW2 4
NMRNSW2 8
NMRNSW2 15
NMRNSW2 17
Depth (fsw)
0
15
31
46
62
0 15 30 45 60 75 90
0 15 30 45 60 75 90 105
Time (min)


NMRNSW2 19
NMRNSW2 22
NMRNSW2 23
NMRNSW2 25
Depth (fsw)
Time (min)
0
15
31
46
62
0 30 60 90 120
0 15 30 45 60 75 90 105

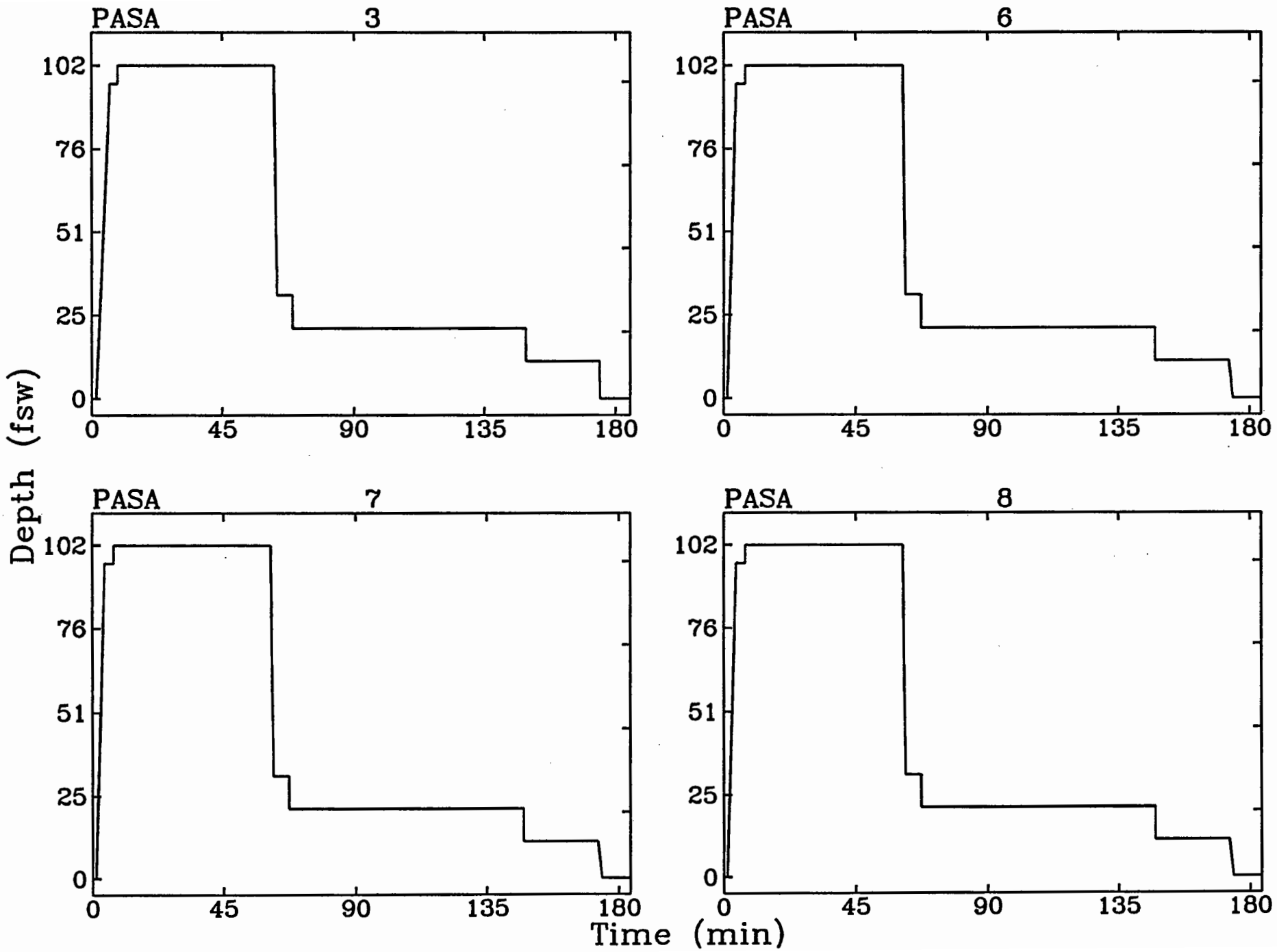

NMRNSW2 28
NMRNSW2 36
62
46
31
15
0
0 15 30 45 60 75 90
0 75 150 225 300
Depth (fsw)
Time (min)

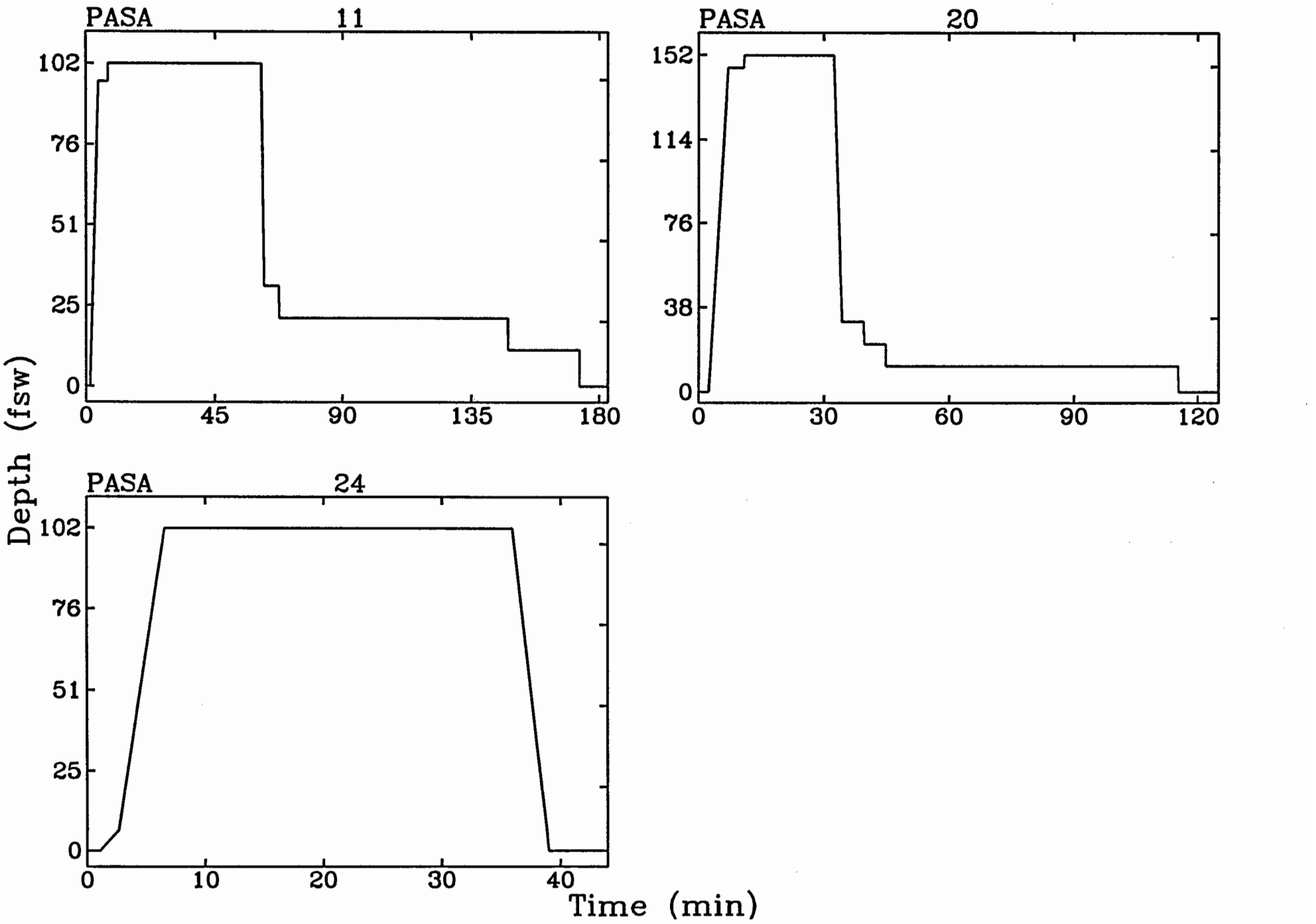
SECTION I: SINGLE AIR DIVES

K. PASA 72 dives: 5 DCS, 2 Marginal

Profile #3	Profile #6	Profile #7	Profile #8
101.5, 61.1, 112.1, 1.0, 1, 0.5, 234.60, 294.60, 0.0, 0.0, 1.4, 0.0, 6.2, 96.0, 8.7, 96.0, 8.9, 101.5, 62.5, 101.5, 63.7, 31.5, 68.8, 31.5, 69.1, 21.5, 149.1, 21.5, 149.3, 11.5, 174.3, 11.5, 174.6, 0.0, 1614.6, 0.0,	101.5, 59.9, 113.3, 1.0, 1, 0.5, 294.30, 414.30, 0.0, 0.0, 1.1, 0.0, 4.2, 96.0, 7.2, 96.0, 7.4, 101.5, 61.0, 101.5, 62.0, 31.5, 67.2, 31.5, 67.3, 21.5, 147.5, 21.5, 147.7, 11.5, 172.8, 11.5, 174.3, 0.0, 1614.3, 0.0,	101.5, 59.9, 113.3, 1.0, 1, 1.0, 234.30, 1134.30, 0.0, 0.0, 1.1, 0.0, 4.2, 96.0, 7.2, 96.0, 7.4, 101.5, 61.0, 101.5, 62.0, 31.5, 67.2, 31.5, 67.3, 21.5, 147.5, 21.5, 147.7, 11.5, 172.8, 11.5, 174.3, 0.0, 1614.3, 0.0,	101.5, 59.9, 113.3, 1.0, 1, 1.0, 294.30, 894.30, 0.0, 0.0, 1.1, 0.0, 4.2, 96.0, 7.2, 96.0, 7.4, 101.5, 61.0, 101.5, 62.0, 31.5, 67.2, 31.5, 67.3, 21.5, 147.5, 21.5, 147.7, 11.5, 172.8, 11.5, 174.3, 0.0, 1614.3, 0.0,

Profile #11	Profile #20	Profile #24
101.5, 59.8, 112.1, 1.0, 1, 1.0, 293.10, 803.10, 0.0, 0.0, 1.3, 0.0, 4.3, 96.0, 7.6, 96.0, 7.8, 101.5, 61.1, 101.5, 62.3, 31.5, 67.4, 31.5, 67.7, 21.5, 147.7, 21.5, 147.9, 11.5, 172.9, 11.5, 173.1, 0.0, 1613.2, 0.0,	151.5, 30.0, 83.0, 1.0, 1, 1.0, 235.30, 4435.30, 0.0, 0.0, 2.3, 0.0, 7.1, 146.0, 10.7, 146.0, 10.9, 151.5, 32.3, 151.5, 34.3, 31.5, 39.5, 31.5, 39.7, 21.5, 44.8, 21.5, 44.9, 11.5, 115.1, 11.5, 115.3, 0.0, 1555.3, 0.0,	101.5, 34.8, 3.1, 1.0, 1, 1.0, 35.90, 51.00, 0.0, 0.0, 1.1, 0.0, 2.7, 6.5, 6.6, 101.5, 35.9, 101.5, 39.0, 0.0, 1479.0, 0.0,


PASA 3
PASA 6
PASA 7
PASA 8
Depth (fsw)
Time (min)
102
76
51
25
0
0
45
90
135
180


PASA 11
102
76
51
25
0
0
45
90
135
180
PASA 20
152
114
76
38
0
0
30
60
90
120
PASA 24
102
76
51
25
0
0
10
20
30
40
Depth (fsw)
Time (min)

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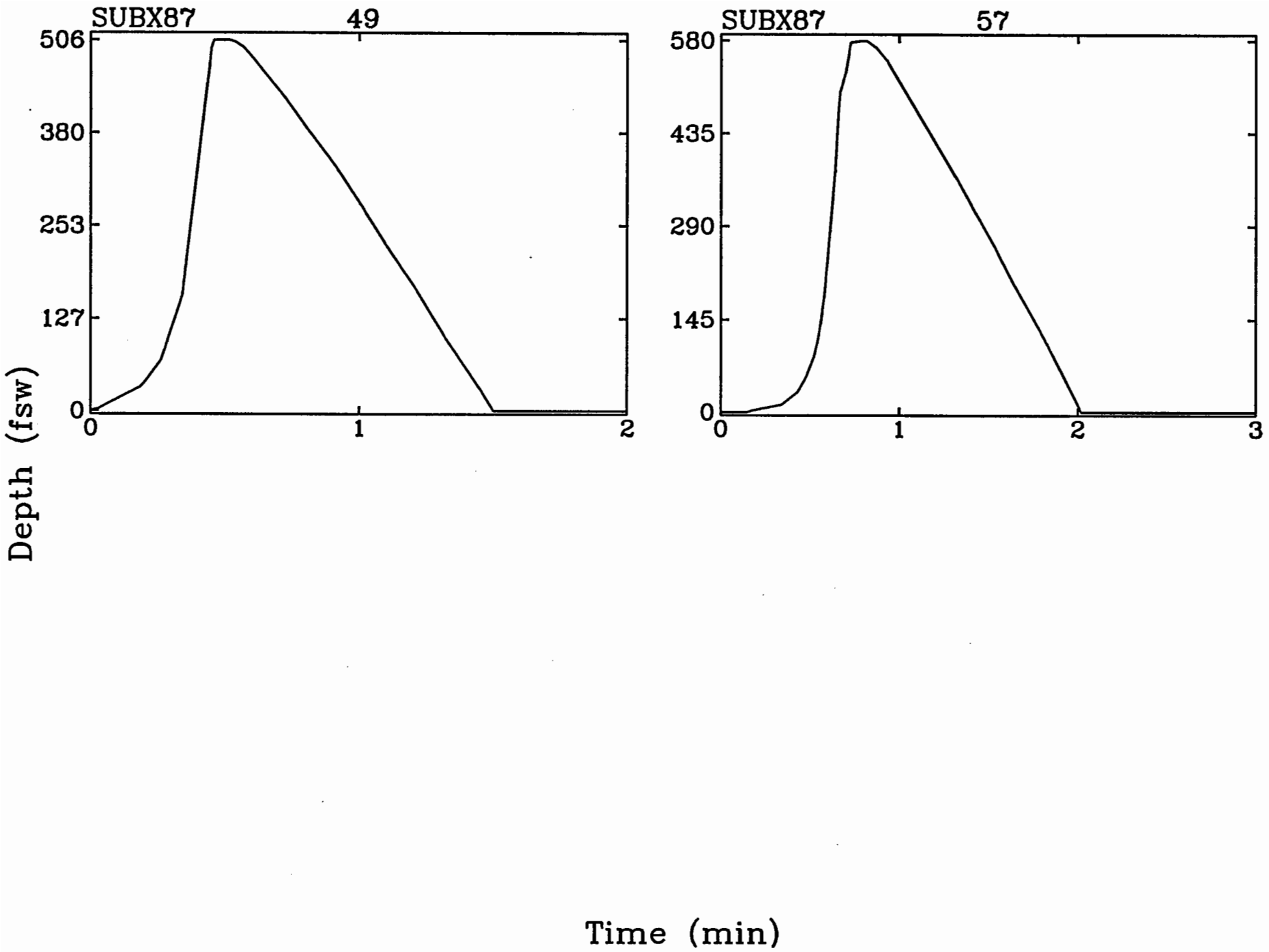
SECTION I: SINGLE AIR DIVES

L. SUBX87 58 dives: 2 DCS, 0 Marginal

Profile #49	Profile #57
506.4, 0.5, 1.0, 1.000, 1, 1.0, 0.52, 4.5, 0.00, 0.00, 0.03, 2.50, 0.09, 14.30, 0.18, 31.50, 0.20, 38.90, 0.26, 68.40, 0.34, 157.00, 0.45, 496.60, 0.46, 506.40, 0.52, 506.40, 0.54, 503.90, 0.57, 496.60, 0.60, 484.30, 0.72, 430.10, 0.81, 383.40, 0.92, 329.20, 1.02, 272.60, 1.10, 225.90, 1.21, 166.80, 1.32, 100.40, 1.46, 24.10, 1.50, 0.00, 721.50, 0,	580.2, 0.65, 1.2, 1.000, 1, 1.0, 0.82, 12.0, 0.00, 0.00, 0.15, 0.00, 0.17, 2.50, 0.34, 11.80, 0.43, 31.50, 0.48, 56.10, 0.52, 85.60, 0.54, 107.80, 0.56, 137.30, 0.58, 179.10, 0.60, 240.60, 0.61, 280.00, 0.64, 374.00, 0.66, 469.50, 0.67, 501.50, 0.70, 531.00, 0.73, 577.80, 0.79, 580.20, 0.82, 580.20, 0.87, 570.40, 0.93, 550.70, 1.31, 368.60, 1.42, 312.00, 1.54, 253.00, 1.64, 198.80, 1.79, 125.00, 1.85, 93.00, 2.02, 0.00, 722.02, 0,


SUBX87 49
506
380
253
127
0
0
1
2
SUBX87 57
580
435
290
145
0
0
1
2
3
Depth (fsw)
Time (min)

SECTION I: SINGLE AIR DIVES

M. EDU1157 46 dives: 15 DCS, 6 Marginal

Profile #3	Profile #5	Profile #6	Profile #8	Profile #9
140.0, 120.0, 233.3, 1.000, 1, 1.0, 473.3, 623.3, 0.00, 0.00, 1.90, 140.00, 120.00, 140.00, 121.50, 50.00, 131.50, 50.00, 131.70, 40.00, 148.70, 40.00, 148.80, 30.00, 191.80, 30.00, 192.00, 20.00, 257.00, 20.00, 257.20, 10.00, 353.20, 10.00, 353.30, 0.00, 1793.30, 0.00,	140.0, 180.0, 306.3, 1.000, 1, 0.5, 516.3, 576.3, 0.00, 0.00, 1.90, 140.00, 180.00, 140.00, 181.30, 60.00, 186.30, 60.00, 186.50, 50.00, 211.50, 50.00, 211.70, 40.00, 249.70, 40.00, 249.80, 30.00, 309.80, 30.00, 310.00, 20.00, 390.00, 20.00, 390.20, 10.00, 486.20, 10.00, 486.30, 0.00, 1926.30, 0.00,	140.0, 180.0, 306.3, 1.000, 1, 1.0, 606.3, 846.3, 0.00, 0.00, 1.90, 140.00, 180.00, 140.00, 181.30, 60.00, 186.30, 60.00, 186.50, 50.00, 211.50, 50.00, 211.70, 40.00, 249.70, 40.00, 249.80, 30.00, 309.80, 30.00, 310.00, 20.00, 390.00, 20.00, 390.20, 10.00, 486.20, 10.00, 486.30, 0.00, 1926.30, 0.00,	140.0, 180.0, 364.3, 1.000, 1, 0.5, 180.0, 1984.3, 0.00, 0.00, 1.90, 140.00, 180.00, 140.00, 181.00, 80.00, 186.00, 80.00, 186.20, 70.00, 199.20, 70.00, 199.30, 60.00, 219.30, 60.00, 219.50, 50.00, 252.50, 50.00, 252.70, 40.00, 291.70, 40.00, 291.80, 30.00, 346.80, 30.00, 347.00, 20.00, 441.00, 20.00, 441.20, 10.00, 544.20, 10.00, 544.30, 0.00, 1984.30, 0.00,	140.0, 180.0, 364.3, 1.000, 1, 0.5, 180.0, 1984.3, 0.00, 0.00, 1.90, 140.00, 180.00, 140.00, 181.00, 80.00, 186.00, 80.00, 186.20, 70.00, 199.20, 70.00, 199.30, 60.00, 219.30, 60.00, 219.50, 50.00, 252.50, 50.00, 252.70, 40.00, 291.70, 40.00, 291.80, 30.00, 346.80, 30.00, 347.00, 20.00, 441.00, 20.00, 441.20, 10.00, 544.20, 10.00, 544.30, 0.00, 1984.30, 0.00,

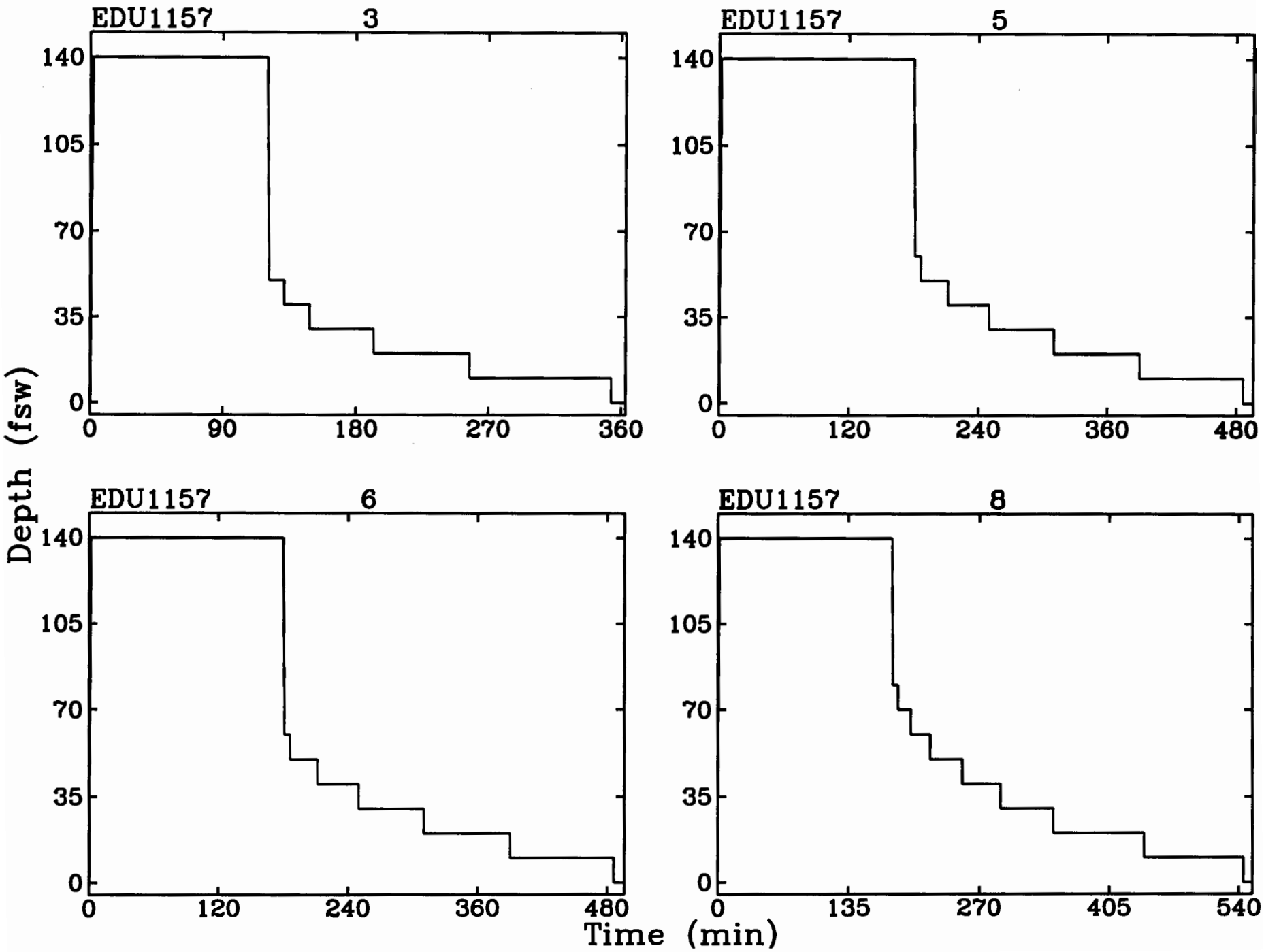
Profile #10	Profile #11	Profile #12	Profile #13	Profile #14
140.0, 180.0, 364.3, 1.000, 1, 0.5, 180.0, 1984.3, 0.00, 0.00, 1.90, 140.00, 180.00, 140.00, 181.00, 80.00, 186.00, 80.00, 186.20, 70.00, 199.20, 70.00, 199.30, 60.00, 219.30, 60.00, 219.50, 50.00, 252.50, 50.00, 252.70, 40.00, 291.70, 40.00, 291.80, 30.00, 346.80, 30.00, 347.00, 20.00, 441.00, 20.00, 441.20, 10.00, 544.20, 10.00, 544.30, 0.00, 1984.30, 0.00,	140.0, 180.0, 364.3, 1.000, 1, 1.0, 664.3, 784.3, 0.00, 0.00, 1.90, 140.00, 180.00, 140.00, 181.00, 80.00, 186.00, 80.00, 186.20, 70.00, 199.20, 70.00, 199.30, 60.00, 219.30, 60.00, 219.50, 50.00, 252.50, 50.00, 252.70, 40.00, 291.70, 40.00, 291.80, 30.00, 346.80, 30.00, 347.00, 20.00, 441.00, 20.00, 441.20, 10.00, 544.20, 10.00, 544.30, 0.00, 1984.30, 0.00,	140.0, 240.0, 353.3, 1.000, 1, 1.0, 593.2, 613.3, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.30, 60.00, 262.30, 60.00, 262.50, 50.00, 294.50, 50.00, 294.70, 40.00, 347.70, 40.00, 347.80, 30.00, 416.80, 30.00, 417.00, 20.00, 497.00, 20.00, 497.20, 10.00, 593.20, 10.00, 593.30, 0.00, 2033.30, 0.00,	140.0, 240.0, 353.3, 1.000, 1, 1.0, 593.2, 613.3, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.30, 60.00, 262.30, 60.00, 262.50, 50.00, 294.50, 50.00, 294.70, 40.00, 347.70, 40.00, 347.80, 30.00, 416.80, 30.00, 417.00, 20.00, 497.00, 20.00, 497.20, 10.00, 593.20, 10.00, 593.30, 0.00, 2033.30, 0.00,	140.0, 240.0, 421.3, 1.000, 1, 0.5, 661.3, 1381.3, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.00, 80.00, 254.00, 80.00, 254.20, 70.00, 284.20, 70.00, 284.30, 60.00, 326.30, 60.00, 326.50, 50.00, 375.50, 50.00, 375.70, 40.00, 437.70, 40.00, 437.80, 30.00, 503.80, 30.00, 504.00, 20.00, 582.00, 20.00, 582.20, 10.00, 661.20, 10.00, 661.30, 0.00, 2101.30, 0.00,

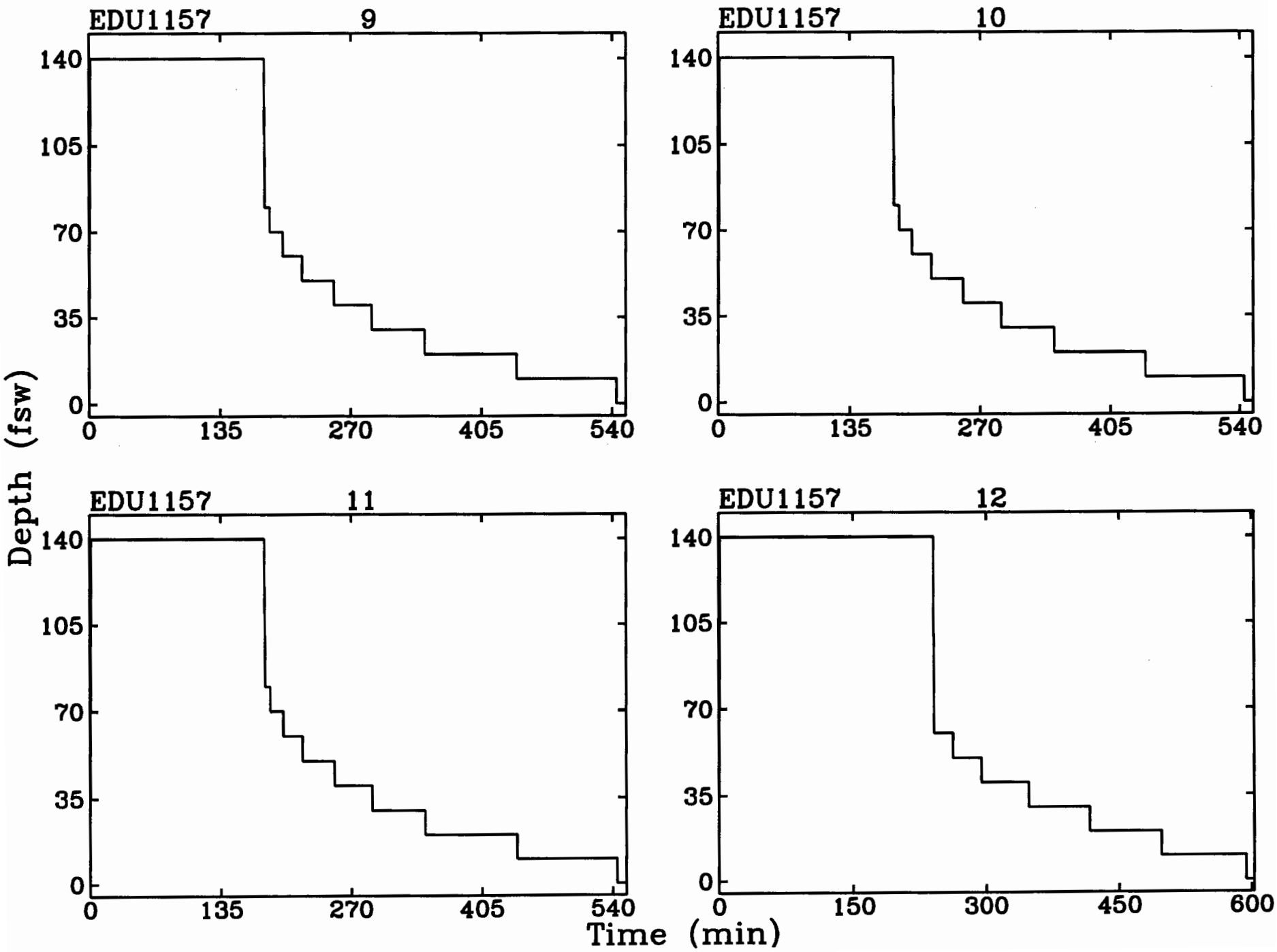
Profile #15	Profile #16	Profile #17	Profile #18	Profile #19
140.0, 240.0, 421.3, 1.000, 1, 0.5, 661.3, 1381.3, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.00, 80.00, 254.00, 80.00, 254.20, 70.00, 284.20, 70.00, 284.30, 60.00, 326.30, 60.00, 326.50, 50.00, 375.50, 50.00, 375.70, 40.00, 437.70, 40.00, 437.80, 30.00, 503.80, 30.00, 504.00, 20.00, 582.00, 20.00, 582.20, 10.00, 661.20, 10.00, 661.30, 0.00, 2101.30, 0.00,	140.0, 240.0, 421.3, 1.000, 1, 1.0, 661.2, 671.3, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.00, 80.00, 254.00, 80.00, 254.20, 70.00, 284.20, 70.00, 284.30, 60.00, 326.30, 60.00, 326.50, 50.00, 375.50, 50.00, 375.70, 40.00, 437.70, 40.00, 437.80, 30.00, 503.80, 30.00, 504.00, 20.00, 582.00, 20.00, 582.20, 10.00, 661.20, 10.00, 661.30, 0.00, 2101.30, 0.00,	140.0, 240.0, 421.3, 1.000, 1, 1.0, 661.2, 664.3, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.00, 80.00, 254.00, 80.00, 254.20, 70.00, 284.20, 70.00, 284.30, 60.00, 326.30, 60.00, 326.50, 50.00, 375.50, 50.00, 375.70, 40.00, 437.70, 40.00, 437.80, 30.00, 503.80, 30.00, 504.00, 20.00, 582.00, 20.00, 582.20, 10.00, 661.20, 10.00, 661.30, 0.00, 2101.30, 0.00,	140.0, 240.0, 440.3, 1.000, 1, 1.0, 800.3, 1287.3, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.20, 70.00, 247.20, 70.00, 247.30, 60.00, 280.30, 60.00, 280.50, 50.00, 313.50, 50.00, 313.70, 40.00, 367.70, 40.00, 367.80, 30.00, 454.80, 30.00, 455.00, 20.00, 555.00, 20.00, 555.20, 10.00, 680.20, 10.00, 680.30, 0.00, 2120.30, 0.00,	140.0, 240.0, 440.3, 1.000, 1, 1.0, 367.7, 555.2, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.20, 70.00, 247.20, 70.00, 247.30, 60.00, 280.30, 60.00, 280.50, 50.00, 313.50, 50.00, 313.70, 40.00, 367.70, 40.00, 367.80, 30.00, 454.80, 30.00, 455.00, 20.00, 555.00, 20.00, 555.20, 10.00, 680.20, 10.00, 680.30, 0.00, 2120.30, 0.00,

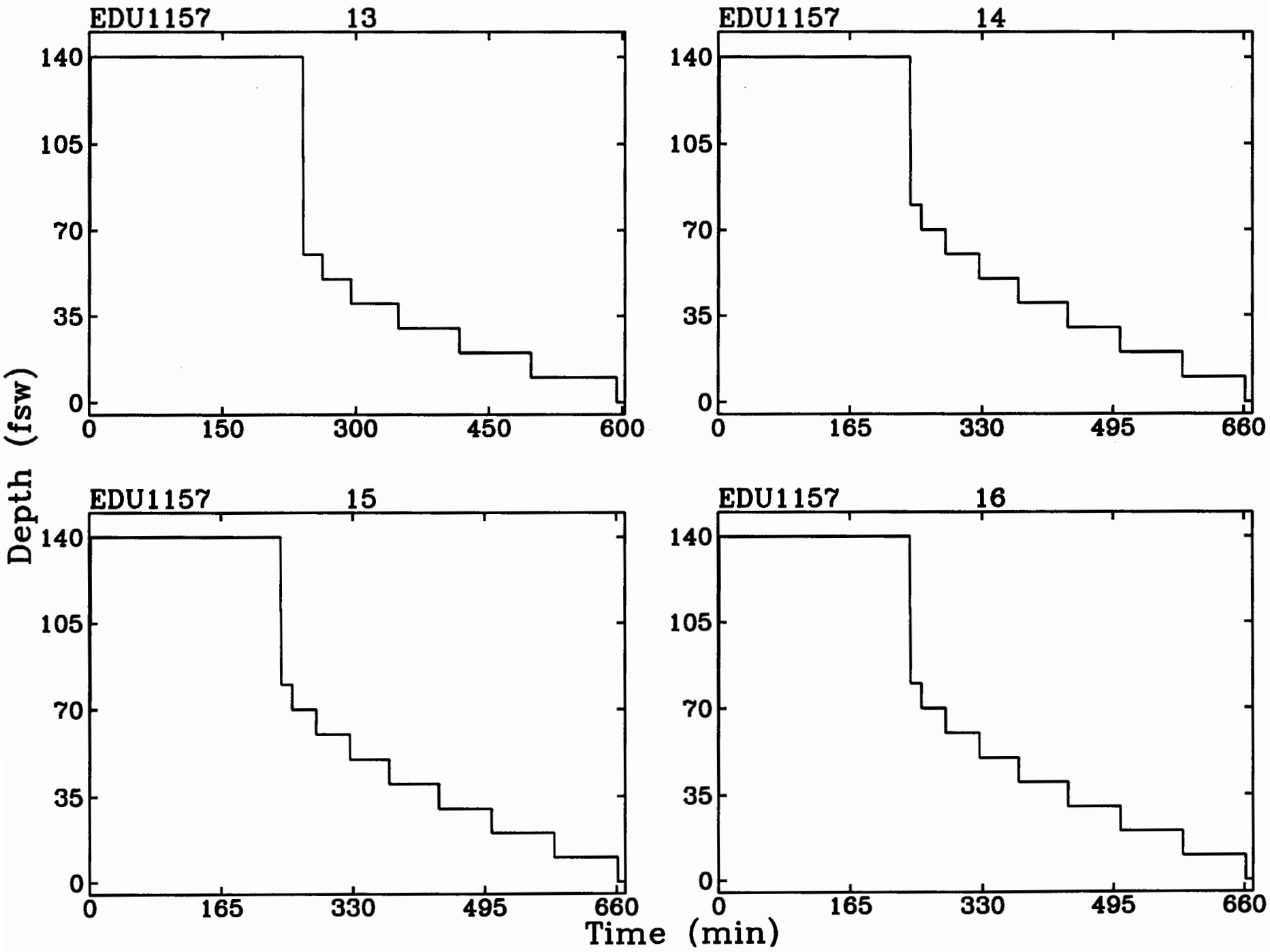
Profile #20	Profile #21	Profile #23	Profile #24	Profile #26
140.0, 240.0, 489.3, 1.000, 1, 1.0, 729.2, 749.3, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.00, 80.00, 254.00, 80.00, 254.20, 70.00, 284.20, 70.00, 284.30, 60.00, 318.30, 60.00, 318.50, 50.00, 354.50, 50.00, 354.70, 40.00, 431.70, 40.00, 431.80, 30.00, 519.80, 30.00, 520.00, 20.00, 624.00, 20.00, 624.20, 10.00, 729.20, 10.00, 729.30, 0.00, 2169.30, 0.00,	140.0, 240.0, 489.3, 1.000, 1, 1.0, 849.3, 1329.3, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.00, 80.00, 254.00, 80.00, 254.20, 70.00, 284.20, 70.00, 284.30, 60.00, 318.30, 60.00, 318.50, 50.00, 354.50, 50.00, 354.70, 40.00, 431.70, 40.00, 431.80, 30.00, 519.80, 30.00, 520.00, 20.00, 624.00, 20.00, 624.20, 10.00, 729.20, 10.00, 729.30, 0.00, 2169.30, 0.00,	140.0, 240.0, 517.3, 1.000, 1, 1.0, 787.3, 877.3, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.20, 70.00, 247.20, 70.00, 247.30, 60.00, 266.30, 60.00, 266.50, 50.00, 312.50, 50.00, 312.70, 40.00, 376.70, 40.00, 376.80, 30.00, 456.80, 30.00, 457.00, 20.00, 570.00, 20.00, 570.20, 10.00, 757.20, 10.00, 757.30, 0.00, 2197.30, 0.00,	140.0, 240.0, 517.3, 1.000, 1, 1.0, 757.2, 777.3, 0.00, 0.00, 1.90, 140.00, 240.00, 140.00, 241.20, 70.00, 247.20, 70.00, 247.30, 60.00, 266.30, 60.00, 266.50, 50.00, 312.50, 50.00, 312.70, 40.00, 376.70, 40.00, 376.80, 30.00, 456.80, 30.00, 457.00, 20.00, 570.00, 20.00, 570.20, 10.00, 757.20, 10.00, 757.30, 0.00, 2197.30, 0.00,	140.0, 360.0, 700.3, 1.000, 1, 1.0, 360.0, 2500.3, 0.00, 0.00, 1.90, 140.00, 360.00, 140.00, 360.80, 90.00, 363.80, 90.00, 364.00, 80.00, 389.00, 80.00, 389.20, 70.00, 421.20, 70.00, 421.30, 60.00, 474.30, 60.00, 474.50, 50.00, 534.50, 50.00, 534.70, 40.00, 619.70, 40.00, 619.80, 30.00, 731.80, 30.00, 732.00, 20.00, 873.00, 20.00, 873.20, 10.00, 1060.20, 10.00, 1060.30, 0.00, 2500.30, 0.00,

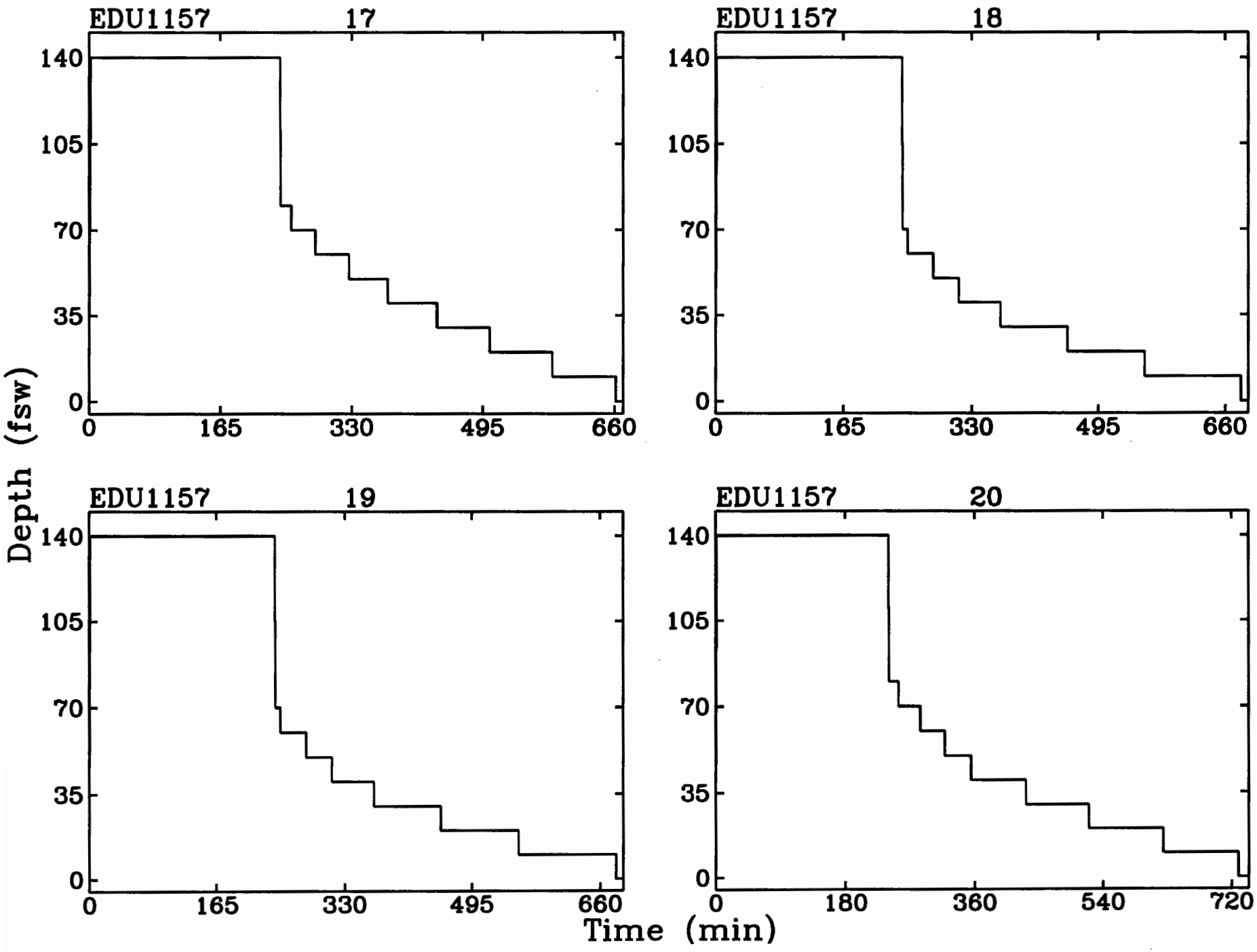
Profile #27

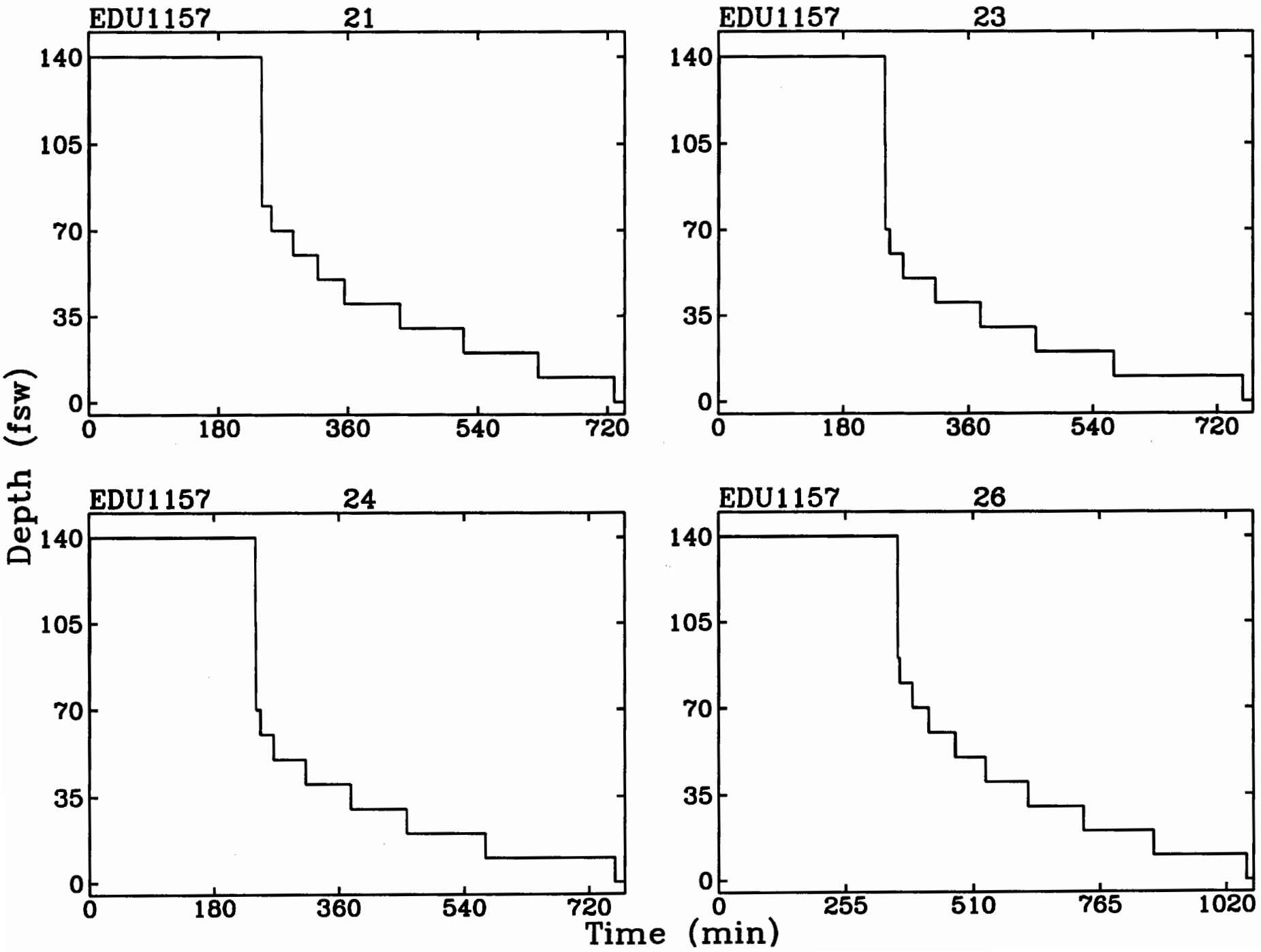
140.0, 360.0, 700.3,
1.000, 1, 1.0, 1180.3, 1420.3,
0.00, 0.00,
1.90, 140.00,
360.00, 140.00,
360.80, 90.00,
363.80, 90.00,
364.00, 80.00,
389.00, 80.00,
389.20, 70.00,
421.20, 70.00,
421.30, 60.00,
474.30, 60.00,
474.50, 50.00,
534.50, 50.00,
534.70, 40.00,
619.70, 40.00,
619.80, 30.00,
731.80, 30.00,
732.00, 20.00,
873.00, 20.00,
873.20, 10.00,
1060.20, 10.00,
1060.30, 0.00,
2500.30, 0.00,

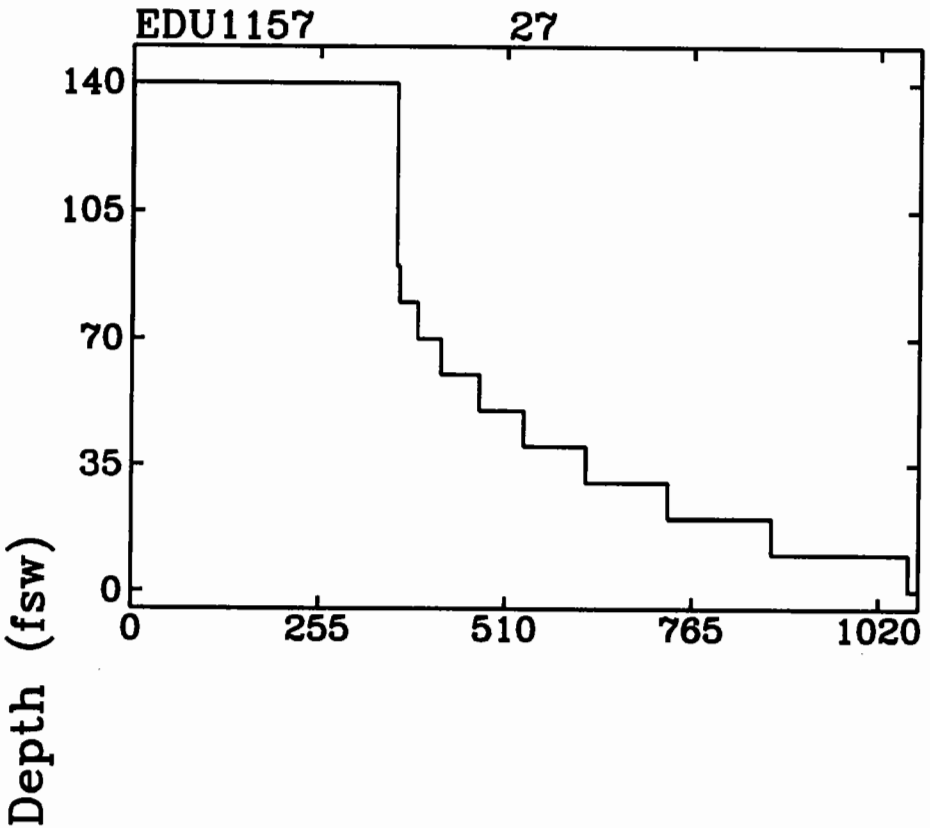

EDU1157 3
EDU1157 5
EDU1157 6
EDU1157 8
Depth (fsw)
Time (min)
140
105
70
35
0
0 90 180 270 360
0 120 240 360 480
0 120 240 360 480
0 135 270 405 540


EDU1157 9
EDU1157 10
EDU1157 11
EDU1157 12
Depth (fsw)
Time (min)
140
105
70
35
0
0
135
270
405
540
150
300
450
600


EDU1157 13
EDU1157 14
EDU1157 15
EDU1157 16
Depth (fsw)
Time (min)
140
105
70
35
0
0
150
300
450
600
165
330
495
660


EDU1157 17
EDU1157 18
EDU1157 19
EDU1157 20
Depth (fsw)
Time (min)
140
105
70
35
0
0
165
330
495
660
180
360
540
720


EDU1157 21
EDU1157 23
EDU1157 24
EDU1157 26
Depth (fsw)
Time (min)
140
105
70
35
0
0
180
360
540
720
255
510
765
1020


EDU1157
27
140
105
70
35
0
0
255
510
765
1020
Depth (fsw)
Time (min)

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II. Single Non-Air

SECTION II: SINGLE NON-AIR DIVES

A. NMR8697 477 dives: 11 DCS, 18 Marginal

Profile #6	Profile #7	Profile #9	Profile #15
71.0, 30.0, 1.5, 1.000, 1, 1.0, 151.5, 271.5, 0.00, 0.00, 0.40, 30.00, 2.100, 0.20 0.60, 30.00, 1.10, 71.00, 30.00, 71.00, 30.70, 30.00, 1.000, 0.20 30.90, 30.00, 31.20, 10.00, 31.50, 0.00, 1471.50, 0.00,	71.0, 30.0, 1.5, 1.000, 1, 0.5, 91.5, 151.5, 0.00, 0.00, 0.40, 30.00, 2.100, 0.20 0.60, 30.00, 1.10, 71.00, 30.00, 71.00, 30.70, 30.00, 1.000, 0.20 30.90, 30.00, 31.20, 10.00, 31.50, 0.00, 1471.50, 0.00,	71.0, 30.0, 1.5, 1.000, 1, 0.5, 151.5, 391.5, 0.00, 0.00, 0.50, 30.00, 2.100, 0.20 0.70, 30.00, 1.30, 71.00, 30.00, 71.00, 30.70, 30.00, 1.000, 0.20 30.90, 30.00, 31.20, 10.00, 31.50, 0.00, 1471.50, 0.00,	75.0, 30.0, 1.6, 1.000, 1, 0.5, 36.6, 91.6, 0.00, 0.00, 0.50, 30.00, 2.100, 0.20 0.70, 30.00, 1.40, 75.00, 30.00, 75.00, 30.80, 30.00, 1.000, 0.20 31.00, 30.00, 31.30, 10.00, 31.60, 0.00, 1471.60, 0.00,
Profile #44	**Profile #58**	**Profile #65**	**Profile #74**
105.0, 30.0, 2.1, 1.000, 1, 0.5, 92.1, 152.1, 0.00, 0.00, 0.50, 30.00, 2.300, 0.20 0.70, 30.00, 1.80, 105.00, 30.00, 105.00, 31.20, 30.00, 1.000, 0.20 31.50, 30.00, 31.80, 10.00, 32.10, 0.00, 1472.10, 0.00,	125.0, 30.0, 2.4, 1.000, 1, 1.0, 152.4, 272.4, 0.00, 0.00, 0.40, 30.00, 2.300, 0.20 0.60, 30.00, 1.90, 125.00, 30.00, 125.00, 31.60, 30.00, 1.000, 0.20 31.80, 30.00, 32.10, 10.00, 32.40, 0.00, 1472.40, 0.00,	130.0, 30.0, 2.5, 1.000, 1, 1.0, 32.5, 36.5, 0.00, 0.00, 0.50, 30.00, 2.300, 0.20 0.70, 30.00, 2.40, 130.00, 30.00, 130.00, 31.70, 30.00, 1.000, 0.20 31.90, 30.00, 32.20, 10.00, 32.50, 0.00, 1472.50, 0.00,	46.0, 60.0, 1.1, 1.000, 1, 1.0, 121.1, 166.1, 0.00, 0.00, 0.30, 30.00, 2.100, 0.20 0.50, 30.00, 0.70, 46.00, 60.00, 46.00, 60.30, 30.00, 1.000, 0.20 60.50, 30.00, 60.80, 10.00, 61.10, 0.00, 1501.10, 0.00,
Profile #76	**Profile #94**	**Profile #98**	**Profile #105**
46.0, 60.0, 1.1, 1.000, 1, 1.0, 181.1, 781.1, 0.00, 0.00, 0.40, 30.00, 2.100, 0.20 0.60, 30.00, 0.80, 46.00, 60.00,. 46.00, 60.30, 30.00, 1.000, 0.20 60.50, 30.00, 60.80, 10.00, 61.10, 0.00, 1501.10, 0.00,	56.0, 60.0, 1.3, 1.000, 1, 0.5, 181.3, 421.3, 0.00, 0.00, 0.70, 30.00, 2.100, 0.20 0.90, 30.00, 1.60, 56.00, 60.00, 56.00, 60.40, 30.00, 1.000, 0.20 60.60, 30.00, 61.00, 10.00, 61.30, 0.00, 1501.30, 0.00,	59.0, 60.0, 1.3, 1.000, 1, 0.5, 121.3, 181.3, 0.00, 0.00, 0.40, 30.00, 2.100, 0.20 0.60, 30.00, 1.00, 59.00, 60.00, 59.00, 60.50, 30.00, 1.000, 0.20 60.70, 30.00, 61.00, 10.00, 61.30, 0.00, 1501.30, 0.00,	72.0, 60.0, 1.5, 1.000, 1, 0.5, 181.5, 301.5, 0.00, 0.00, 0.50, 30.00, 2.350, 0.20 0.70, 30.00, 1.30, 72.00, 60.00, 72.00, 60.70, 30.00, 1.000, 0.20 60.90, 30.00, 61.20, 10.00, 61.50, 0.00, 1501.50, 0.00,

Profile #116	**Profile #119**	**Profile #126**	**Profile #132**
80.0, 60.0, 1.7, 1.000, 1, 0.5, 181.7, 421.7, 0.00, 0.00, 0.40, 30.00, 2.350, 0.20 0.60, 30.00, 1.30, 80.00, 60.00, 80.00, 60.80, 30.00, 1.000, 0.20 61.00, 30.00, 61.40, 10.00, 61.70, 0.00, 1501.70, 0.00,	80.0, 60.0, 1.7, 1.000, 1, 0.5, 66.7, 81.7, 0.00, 0.00, 0.40, 30.00, 2.350, 0.20 0.60, 30.00, 1.40, 80.00, 60.00, 80.00, 60.80, 30.00, 1.000, 0.20 61.00, 30.00, 61.40, 10.00, 61.70, 0.00, 1501.70, 0.00,	88.0, 60.0, 1.8, 1.000, 1, 0.5, 66.8, 81.8, 0.00, 0.00, 0.20, 30.00, 2.350, 0.20 0.40, 30.00, 0.70, 88.00, 60.00, 88.00, 61.00, 30.00, 1.000, 0.20 61.20, 30.00, 61.50, 10.00, 61.80, 0.00, 1501.80, 0.00,	88.0, 60.0, 1.8, 1.000, 1, 1.0, 181.8, 241.8, 0.00, 0.00, 0.40, 30.00, 2.350, 0.20 0.60, 30.00, 1.50, 88.00, 60.00, 88.00, 61.00, 30.00, 1.000, 0.20 61.20, 30.00, 61.50, 10.00, 61.80, 0.00, 1501.80, 0.00,
Profile #143	**Profile #162**	**Profile #173**	**Profile #176**
96.0, 60.0, 1.9, 1.000, 1, 1.0, 66.9, 81.9, 0.00, 0.00, 0.50, 30.00, 2.350, 0.20 0.70, 30.00, 1.70, 96.00, 60.00, 96.00, 61.10, 30.00, 1.000, 0.20 61.30, 30.00, 61.60, 10.00, 61.90, 0.00, 1501.90, 0.00,	29.0, 240.2, 0.6, 1.000, 1, 1.0, 360.8, 660.8, 0.00, 0.00, 1.10, 29.00, 2.120, 0.20 240.00, 29.00, 1.000, 0.20 240.20, 29.00, 240.50, 10.00, 240.80, 0.00, 1680.80, 0.00,	33.0, 240.2, 0.7, 1.000, 1, 1.0, 360.9, 600.9, 0.00, 0.00, 0.90, 33.00, 2.120, 0.20 240.00, 33.00, 1.000, 0.20 240.20, 33.00, 240.60, 10.00, 240.90, 0.00, 1680.90, 0.00,	34.0, 240.2, 0.7, 1.000, 1, 0.5, 300.9, 360.9, 0.00, 0.00, 0.60, 34.00, 2.120, 0.20 240.00, 34.00, 1.000, 0.20 240.20, 34.00, 240.60, 10.00, 240.90, 0.00, 1680.90, 0.00,
Profile #180	**Profile #181**	**Profile #184**	**Profile #186**
34.0, 240.2, 0.7, 1.000, 1, 0.5, 300.9, 360.9, 0.00, 0.00, 1.50, 34.00, 2.120, 0.20 240.00, 34.00, 1.000, 0.20 240.20, 34.00, 240.60, 10.00, 240.90, 0.00, 1680.90, 0.00,	35.0, 240.2, 0.7, 1.000, 1, 0.5, 245.9, 300.9, 0.00, 0.00, 0.70, 35.00, 2.120, 0.20 240.00, 35.00, 1.000, 0.20 240.20, 35.00, 240.60, 10.00, 240.90, 0.00, 1680.90, 0.00,	35.0, 240.2, 0.7, 1.000, 1, 1.0, 245.9, 300.9, 0.00, 0.00, 1.60, 35.00, 2.120, 0.20 240.00, 35.00, 1.000, 0.20 240.20, 35.00, 240.60, 10.00, 240.90, 0.00, 1680.90, 0.00,	36.0, 240.2, 0.7, 1.000, 1, 0.5, 300.9, 390.9, 0.00, 0.00, 0.70, 36.00, 2.120, 0.20 240.00, 36.00, 1.000, 0.20 240.20, 36.00, 240.60, 10.00, 240.90, 0.00, 1680.90, 0.00,

Profile #193

50.0, 240.0, 1.2,
1.000, 1, 1.0, 361.2, 601.2,
0.00, 0.00,
0.40, 30.00, 2.400, 0.20
0.60, 30.00,
0.90, 50.00,
240.00, 50.00,
240.30, 30.00, 1.000, 0.20
240.50, 30.00,
240.90, 10.00,
241.20, 0.00,
1681.20, 0.00,

Profile #208

58.0, 240.0, 1.3,
1.000, 1, 0.5, 301.3, 361.3,
0.00, 0.00,
0.60, 30.00, 2.400, 0.20
0.80, 30.00,
1.40, 58.00,
240.00, 58.00,
240.50, 30.00, 1.000, 0.20
240.70, 30.00,
241.00, 10.00,
241.30, 0.00,
1681.30, 0.00,

Profile #221

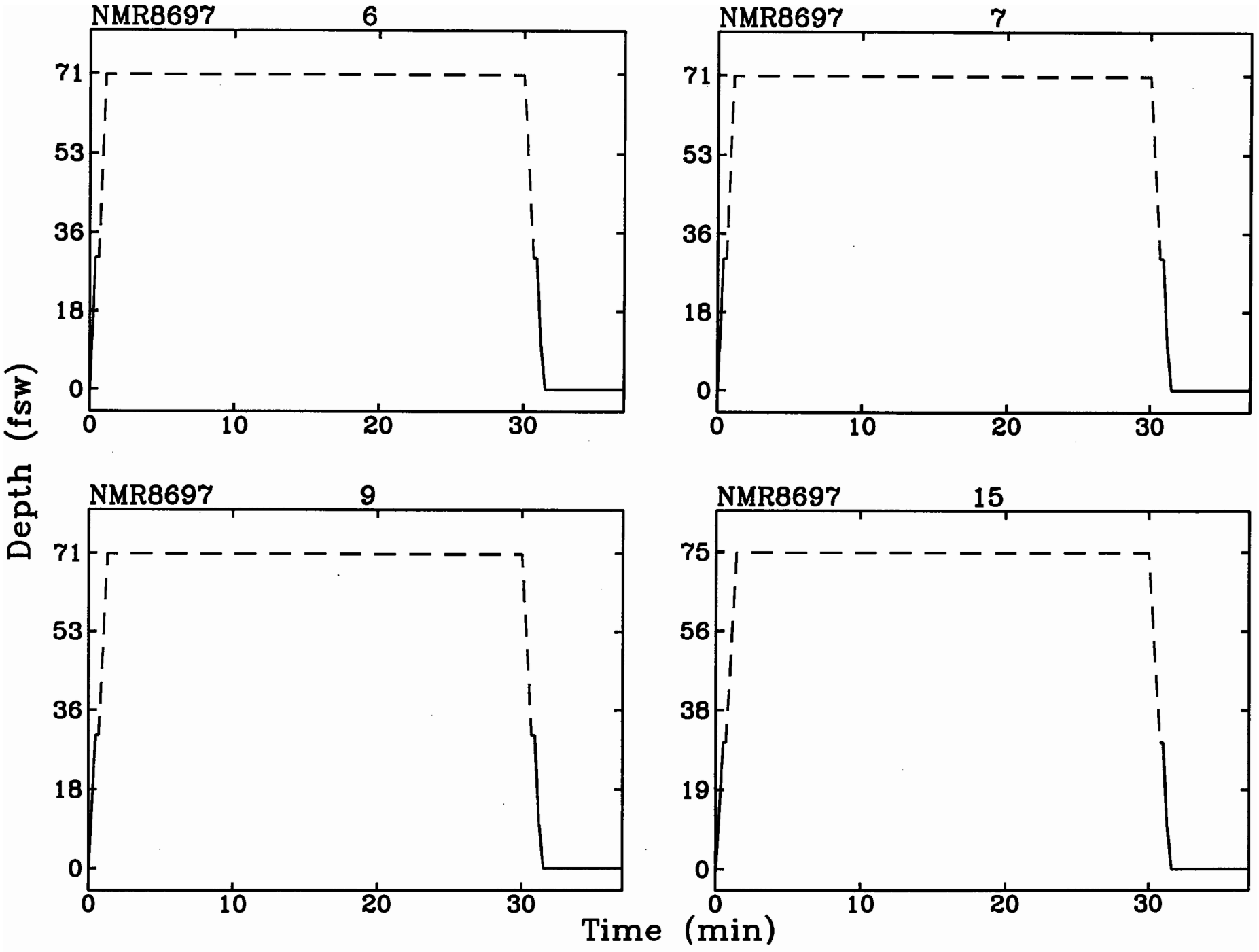
70.0, 240.0, 1.5,
1.000, 1, 0.5, 301.5, 361.5,
0.00, 0.00,
1.20, 30.00, 2.400, 0.20
1.40, 30.00,
2.90, 70.00,
240.00, 70.00,
240.70, 30.00, 1.000, 0.20
240.90, 30.00,
241.20, 10.00,
241.50, 0.00,
1681.50, 0.00,

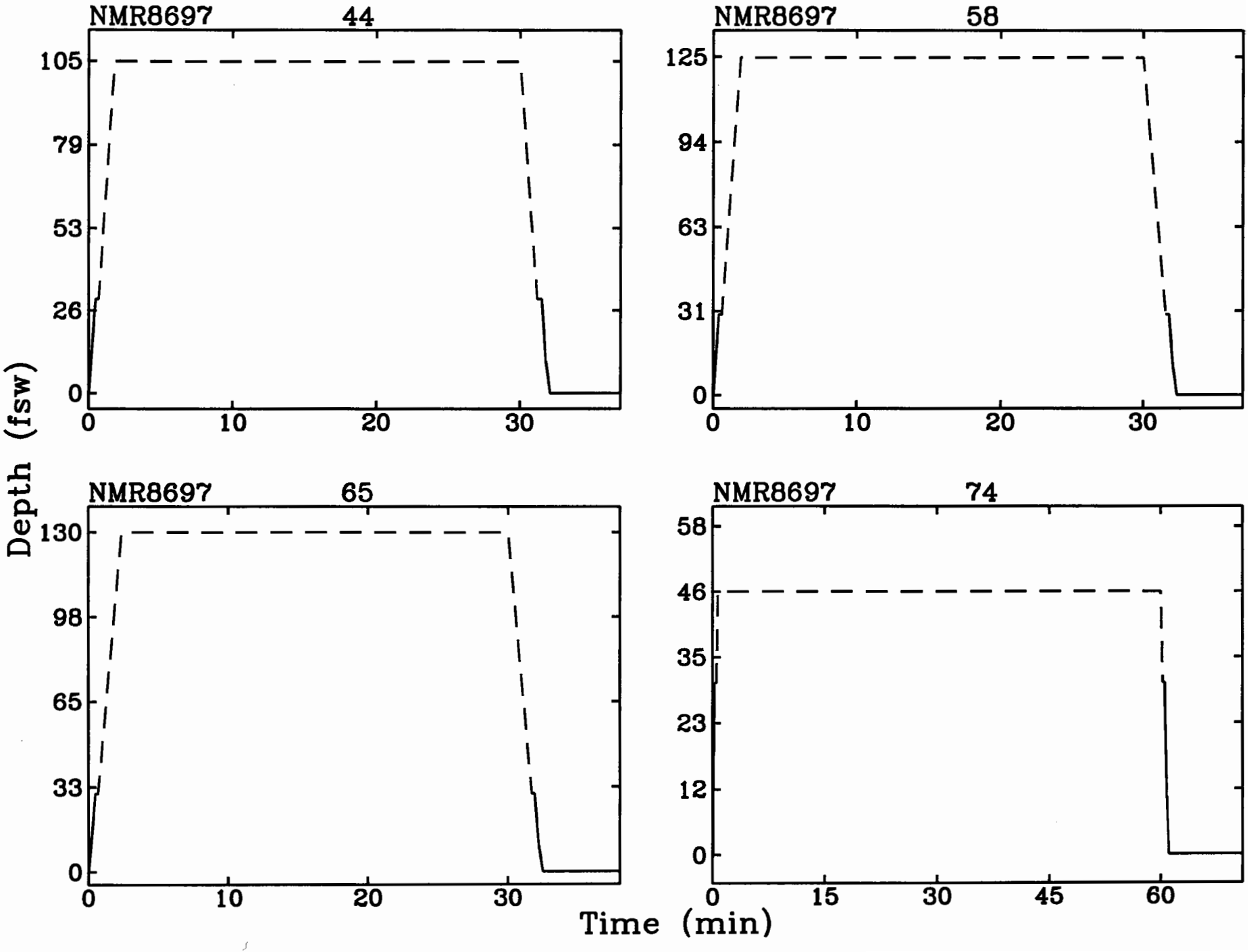
Profile #223

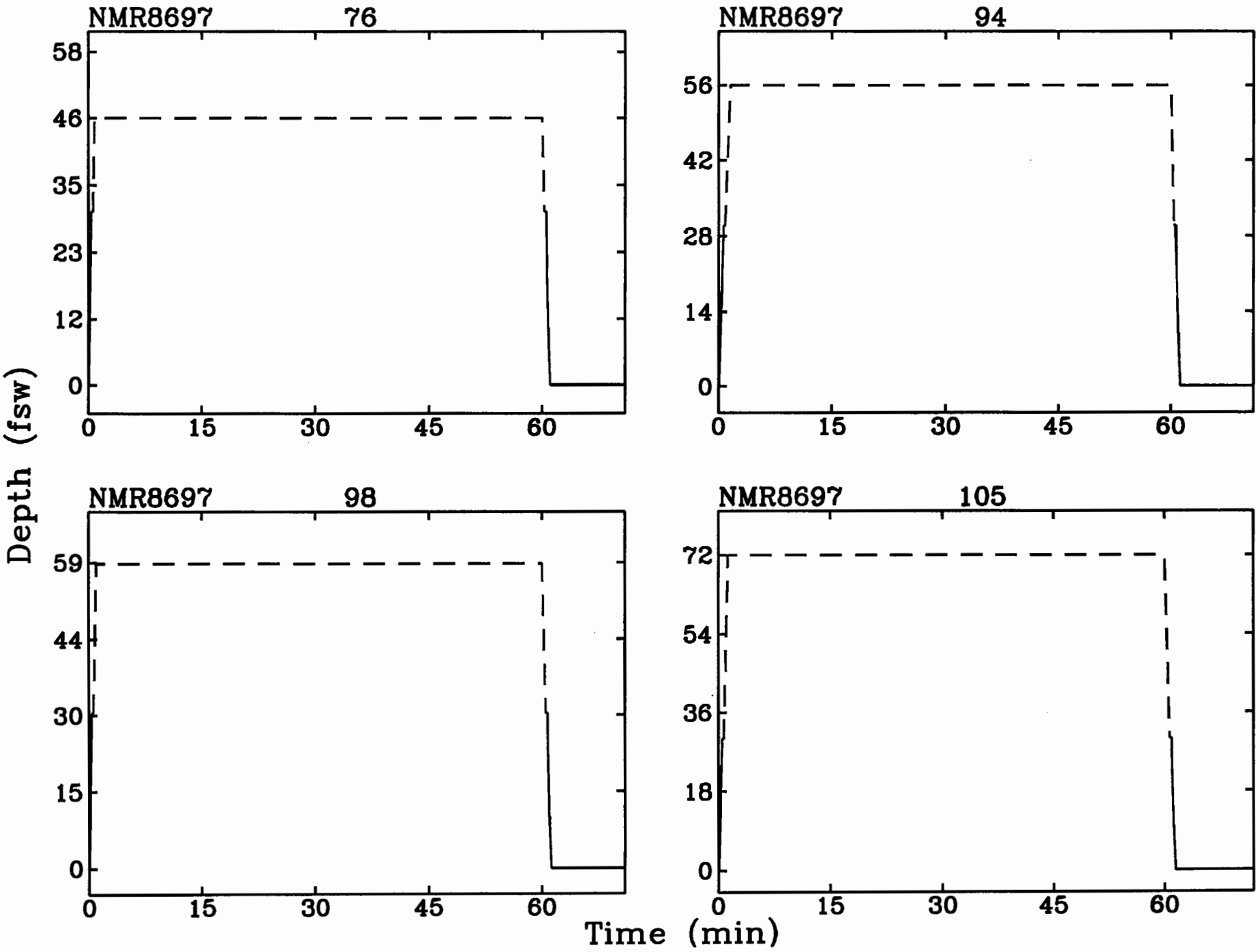
74.0, 240.0, 1.6,
1.000, 1, 0.5, 361.6, 451.6,
0.00, 0.00,
0.40, 30.00, 2.400, 0.20
0.60, 30.00,
1.20, 74.00,
240.00, 74.00,
240.70, 30.00, 1.000, 0.20
240.90, 30.00,
241.30, 10.00,
241.60, 0.00,
1681.60, 0.00,

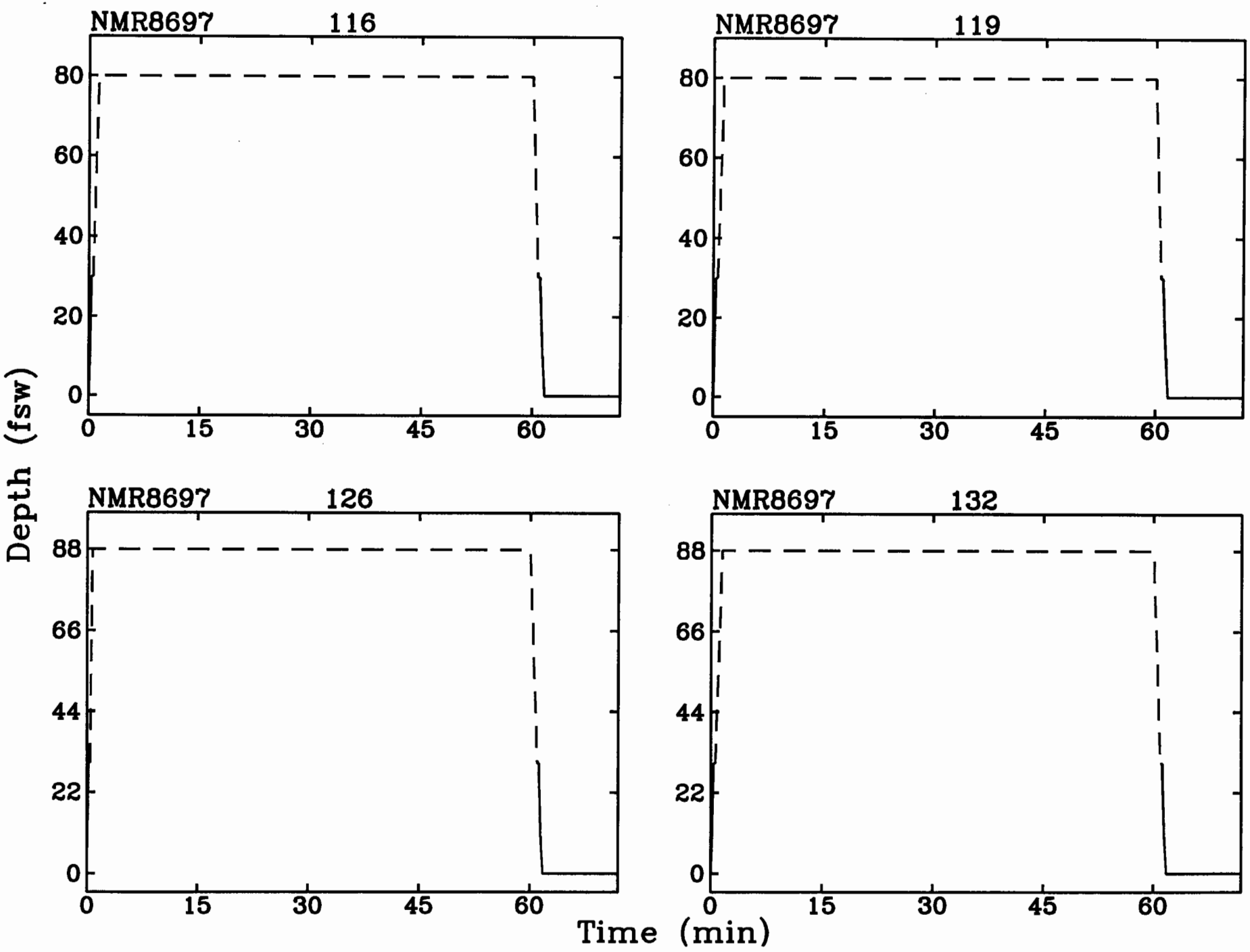
Profile #226

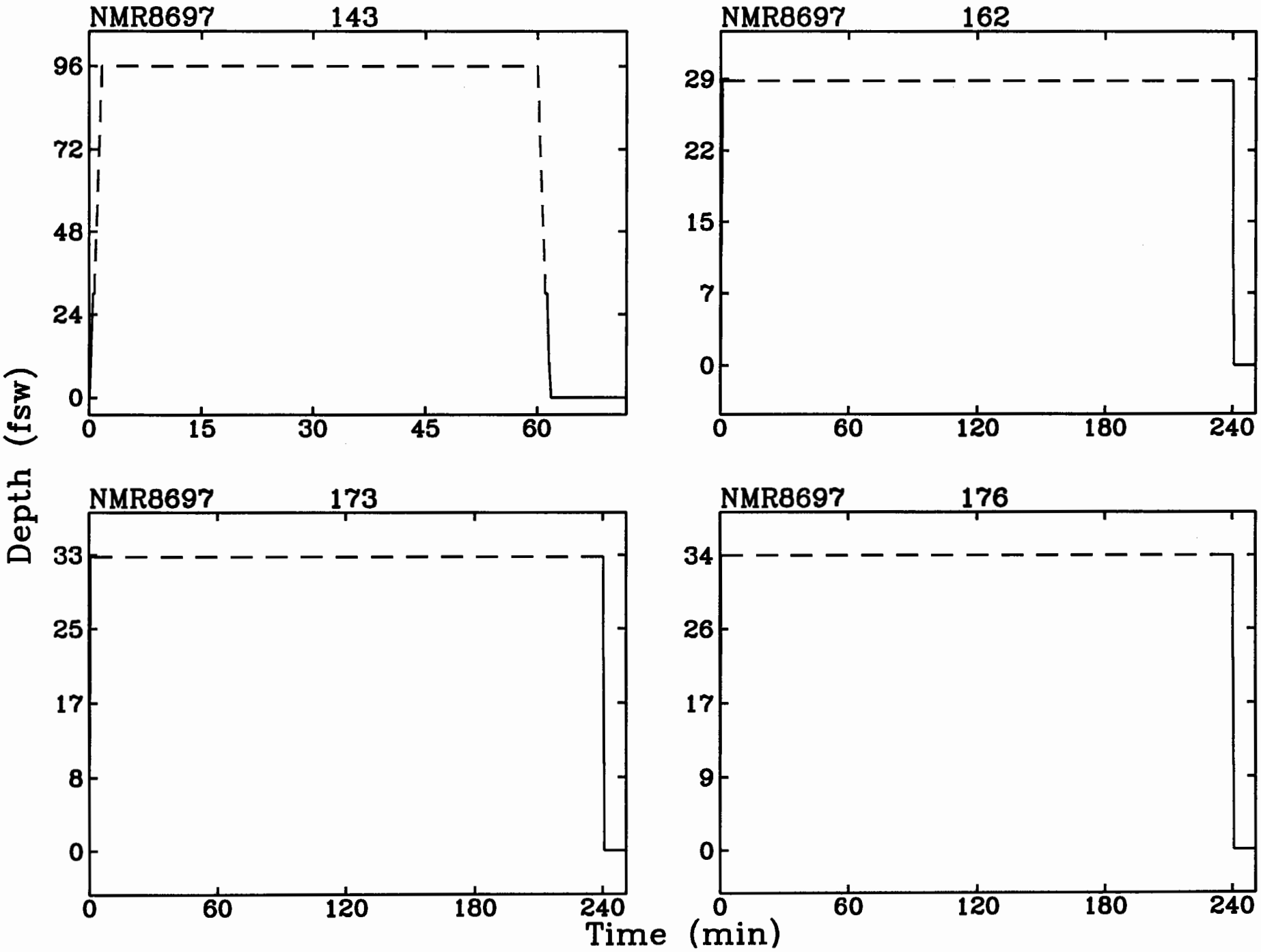
74.0, 240.0, 1.6,
1.000, 1, 0.5, 361.6, 601.6,
0.00, 0.00,
0.60, 30.00, 2.400, 0.20
0.80, 30.00,
1.70, 74.00,
240.00, 74.00,
240.70, 30.00, 1.000, 0.20
240.90, 30.00,
241.30, 10.00,
241.60, 0.00,
1681.60, 0.00

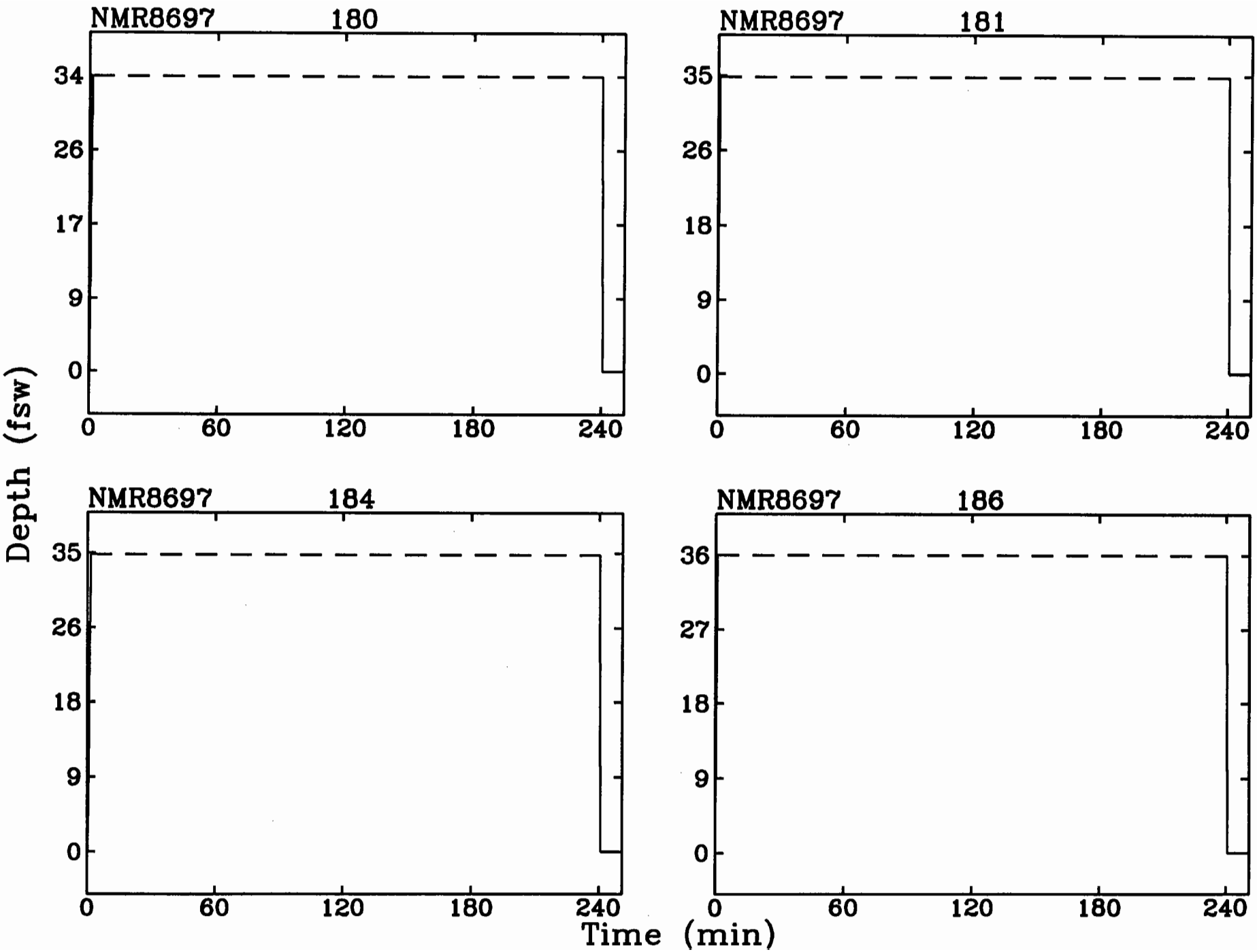

NMR8697 6
NMR8697 7
NMR8697 9
NMR8697 15
Depth (fsw)
Time (min)
71
53
36
18
0
75
56
38
19
10
20
30

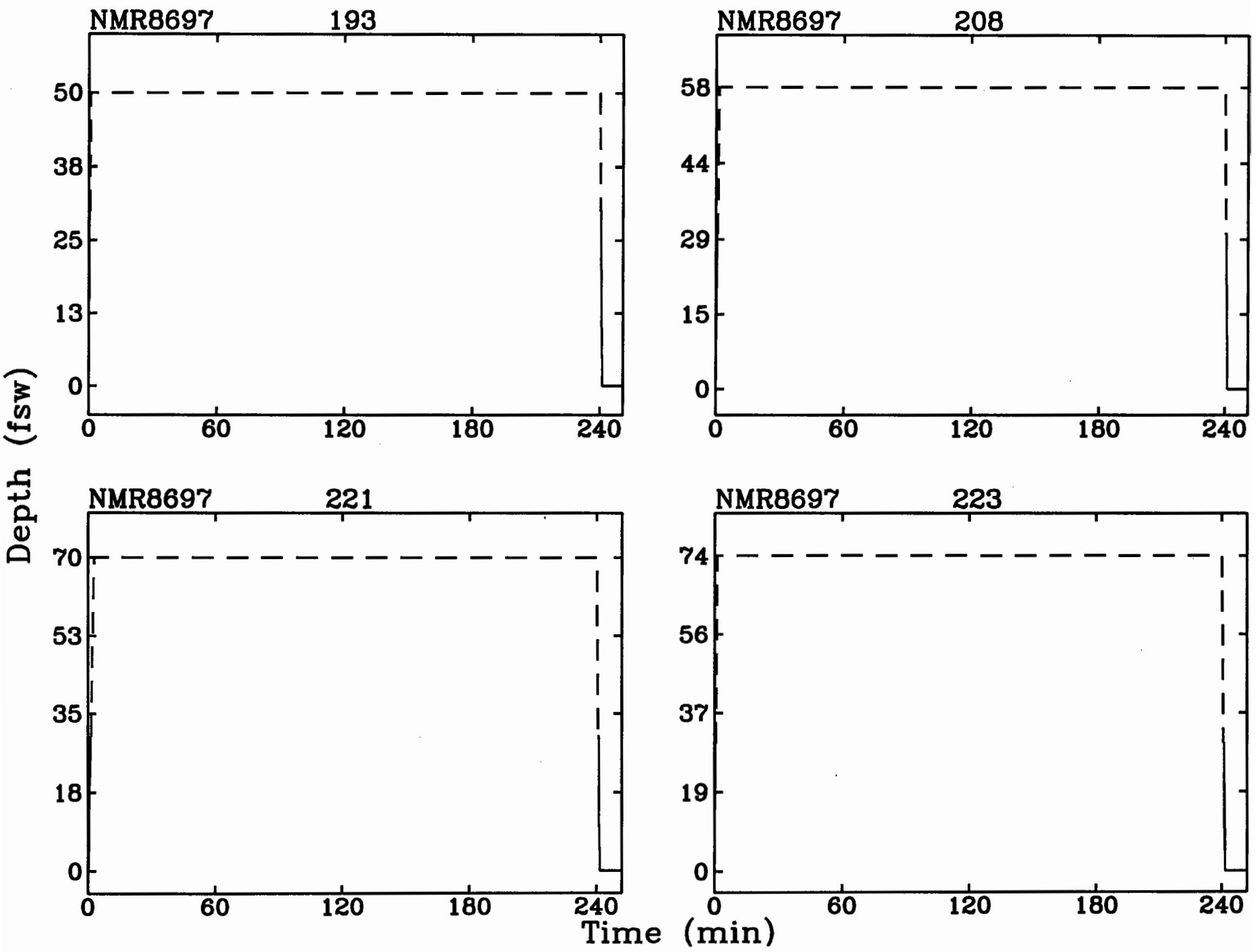

NMR8697 44
105
79
53
26
0
0
10
20
30
NMR8697 58
125
94
63
31
0
0
10
20
30
NMR8697 65
130
98
65
33
0
0
10
20
30
NMR8697 74
58
46
35
23
12
0
0
15
30
45
60
Depth (fsw)
Time (min)

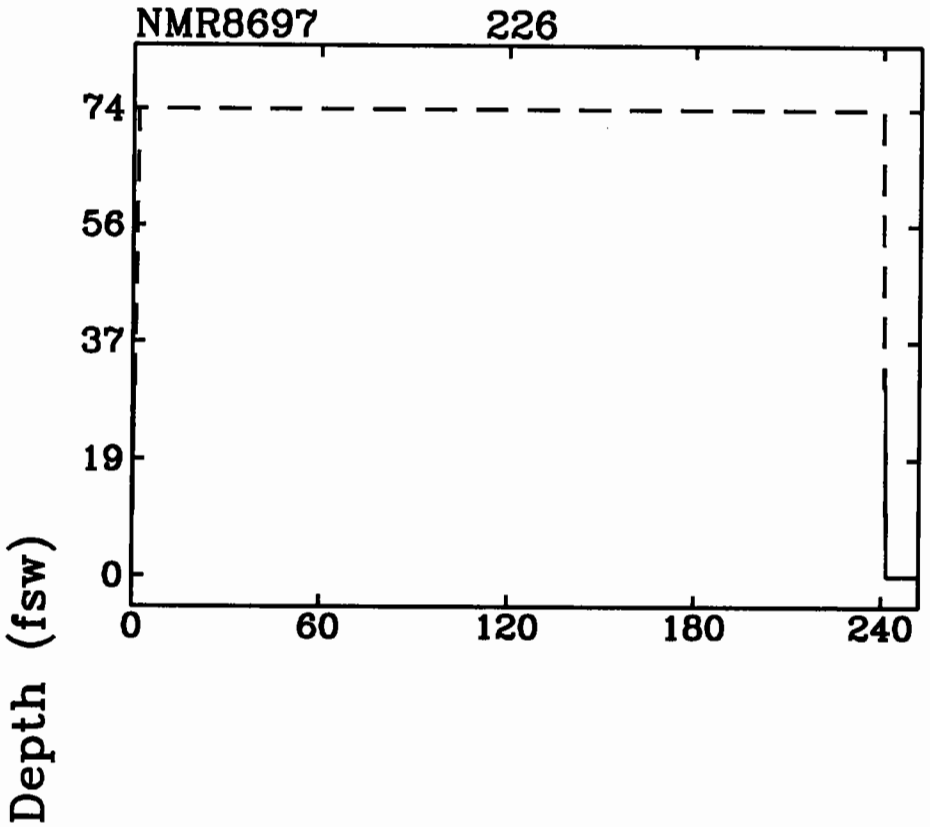

NMR8697 76
58
46
35
23
12
0
0 15 30 45 60
NMR8697 94
56
42
28
14
0
0 15 30 45 60
NMR8697 98
59
44
30
15
0
0 15 30 45 60
NMR8697 105
72
54
36
18
0
0 15 30 45 60
Depth (fsw)
Time (min)


NMR8697 116
NMR8697 119
NMR8697 126
NMR8697 132
Depth (fsw)
Time (min)
0
20
40
60
80
0
22
44
66
88
0
15
30
45
60


NMR8697 143
96
72
48
24
0
0
15
30
45
60
NMR8697 162
29
22
15
7
0
0
60
120
180
240
NMR8697 173
33
25
17
8
0
0
60
120
180
240
NMR8697 176
34
26
17
9
0
0
60
120
180
240
Depth (fsw)
Time (min)


NMR8697 180
34
26
17
9
0
0 60 120 180 240
NMR8697 181
35
26
18
9
0
0 60 120 180 240
NMR8697 184
35
26
18
9
0
0 60 120 180 240
NMR8697 186
36
27
18
9
0
0 60 120 180 240
Depth (fsw)
Time (min)


NMR8697 193
50
38
25
13
0
0
60
120
180
240
NMR8697 208
58
44
29
15
0
0
60
120
180
240
NMR8697 221
70
53
35
18
0
0
60
120
180
240
NMR8697 223
74
56
37
19
0
0
60
120
180
240
Depth (fsw)
Time (min)


NMR8697
226
74
56
37
19
0
0
60
120
180
240
Depth (fsw)
Time (min)

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SECTION II: SINGLE NON-AIR DIVES

B. EDU1180S 120 dives: 10 DCS, 0 Marginal

Profile #1	Profile #2	Profile #4	Profile #7
150.0, 73.2, 143.8,	150.0, 73.2, 143.8,	149.0, 79.3, 176.7	150.0, 72.3, 142.7,
1.000, 1, 1.0, 252.0, 312.0,	1.000, 1, 1.0, 252.0, 327.0,	1.000, 1, 1.0, 381.0, 681.0,	1.000, 1, 1.0, 230.0, 265.0,
0.00, 0, 3.700, 1.00	0.00, 0, 3.700, 1.00	0.00, 0, 3.700, 1.00	0.00, 0, 3.700, 1.00
5.00, 0,	5.00, 0,	5.00, 0,	5.00, 0,
5.10, 7,	5.10, 7,	5.10, 7,	5.10, 7,
7.20, 7,	7.20, 7,	10.20, 7,	5.90, 7,
7.90, 22,	7.90, 22,	13.00, 60,	7.30, 30,
10.00, 22,	10.00, 22,	14.50, 60,	8.60, 30,
12.30, 72,	12.30, 72,	17.20, 65,	9.40, 54,
13.30, 72,	13.30, 72,	20.90, 137,	12.30, 54,
17.10, 150,	17.10, 150,	25.90, 137,	16.90, 150,
78.20, 150,	78.20, 150,	26.60, 149,	77.30, 150,
80.80, 60,	80.80, 60,	84.30, 149,	79.30, 90,
84.40, 60,	84.40, 60,	87.10, 60,	80.90, 90,
84.60, 51,	84.60, 51,	92.60, 60,	81.20, 81,
94.90, 51,	94.90, 51,	92.80, 51,	84.30, 81,
95.10, 40,	95.10, 40,	96.70, 51,	84.40, 70,
109.90, 40,	109.90, 40,	106.60, 49,	91.30, 70,
110.40, 30,	110.40, 30,	107.00, 40,	91.40, 60,
126.20, 30,	126.20, 30,	122.90, 40,	98.70, 60,
126.60, 20,	126.60, 20,	123.30, 30,	98.80, 51,
163.60, 20,	163.60, 20,	147.50, 30,	106.90, 51,
164.70, 10,	164.70, 10,	147.80, 20,	107.30, 40,
220.00, 10,	220.00, 10,	189.10, 20,	123.70, 40,
222.00, 0, 1.000, 1.00	222.00, 0, 1.000, 1.00	190.20, 10,	123.90, 31,
1662.00, 0.00,	1662.00, 0.00,	259.10, 10,	132.10, 31,
		261.00, 0, 1.000, 1.00	141.20, 29,
		1701.00, 0,	141.90, 20,
			172.10, 20,
			173.10, 10,
			218.10, 10,
			220.00, 0, 1.000, 1.00
			1660.00, 0,

Profile #8

150.0, 72.3, 142.7,
1.000, 1, 1.0, 340.0, 700.0,
0.00, 0, 3.700, 1.00
5.00, 0,
5.10, 7,
5.90, 7,
7.30, 30,
8.60, 30,
9.40, 54,
12.30, 54,
16.90, 150,
77.30, 150,
79.30, 90,
80.90, 90,
81.20, 81,
84.30, 81,
84.40, 70,
91.30, 70,
91.40, 60,
98.70, 60,
98.80, 51,
106.90, 51,
107.30, 40,
123.70, 40,
123.90, 31,
132.10, 31,
141.20, 29,
141.90, 20,
172.10, 20,
173.10, 10,
218.10, 10,
220.00, 0, 1.000, 1.00
1660.00, 0,

Profile #9

150.0, 72.3, 142.7,
1.000, 1, 1.0, 91.4, 240.0,
0.00, 0, 3.700, 1.00
5.00, 0,
5.10, 7,
5.90, 7,
7.30, 30,
8.60, 30,
9.40, 54,
12.30, 54,
16.90, 150,
77.30, 150,
79.30, 90,
80.90, 90,
81.20, 81,
84.30, 81,
84.40, 70,
91.30, 70,
91.40, 60,
98.70, 60,
98.80, 51,
106.90, 51,
107.30, 40,
123.70, 40,
123.90, 31,
132.10, 31,
141.20, 29,
141.90, 20,
172.10, 20,
173.10, 10,
218.10, 10,
220.00, 0, 1.000, 1.00
1660.00, 0,

Profile #11

150.0, 60.0, 108.0,
1.000, 1, 1.0, 203.0, 233.0,
0.00, 0, 3.700, 1.00
5.00, 0,
5.10, 7,
10.40, 7,
11.00, 25,
12.90, 25,
19.60, 150,
65.00, 150,
66.90, 90,
68.00, 90,
68.20, 80,
71.40, 80,
71.70, 70,
74.90, 70,
75.30, 60,
81.80, 60,
82.00, 51,
89.60, 51,
89.90, 40,
97.90, 40,
98.30, 30,
115.30, 30,
115.80, 20,
134.30, 20,
135.30, 10,
171.00, 10,
173.00, 0, 1.000, 1.00
1613.00, 0.00,

Profile #12

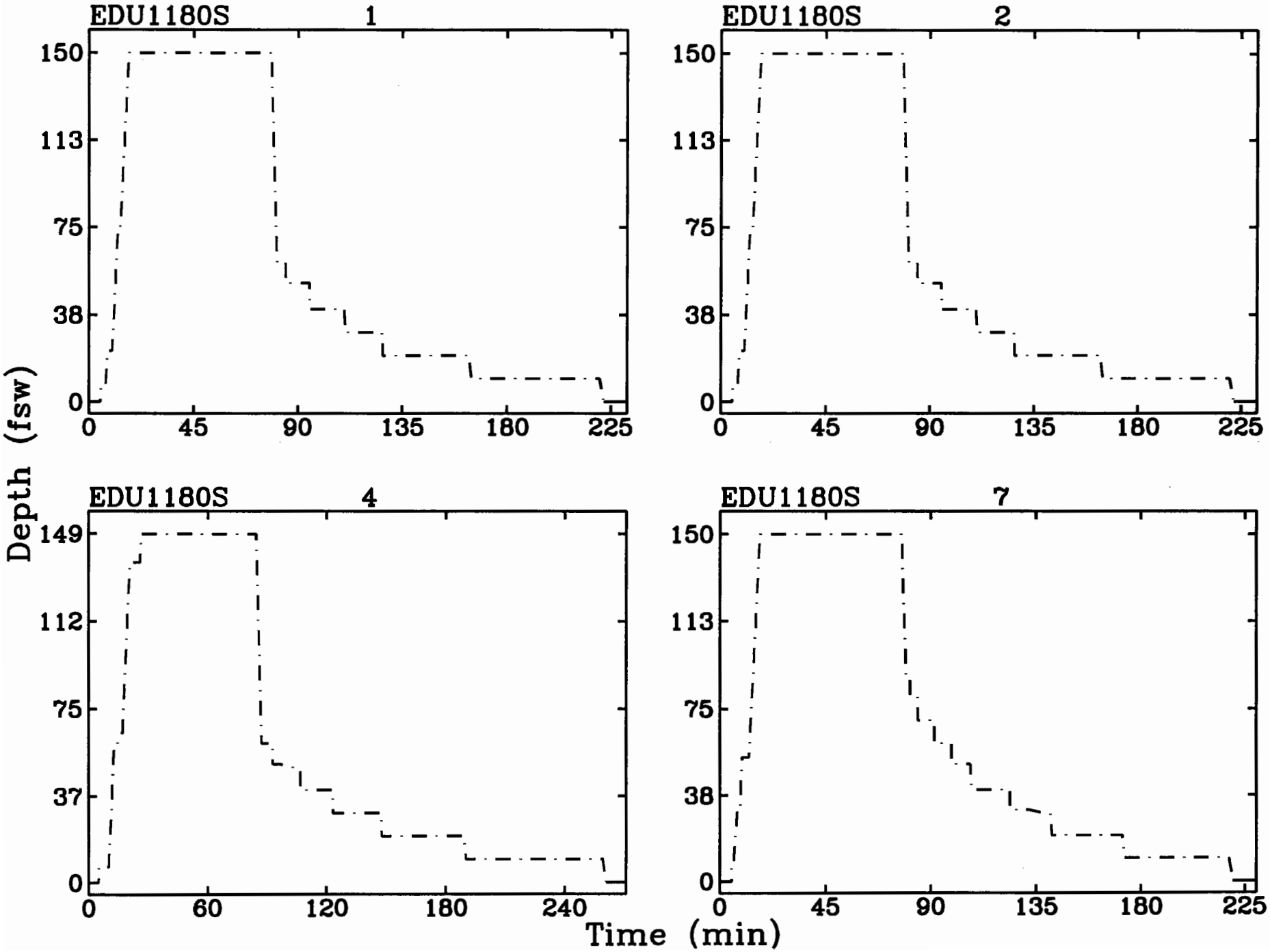
150.0, 60.0, 108.0,
1.000, 1, 1.0, 293.0, 593.0,
0.00, 0, 3.700, 1.00
5.00, 0,
5.10, 7,
10.40, 7,
11.00, 25,
12.90, 25,
19.60, 150,
65.00, 150,
66.90, 90,
68.00, 90,
68.20, 80,
71.40, 80,
71.70, 70,
74.90, 70,
75.30, 60,
81.80, 60,
82.00, 51,
89.60, 51,
89.90, 40,
97.90, 40,
98.30, 30,
115.30, 30,
115.80, 20,
134.30, 20,
135.30, 10,
171.00, 10,
173.00, 0, 1.000, 1.00
1613.00, 0.00,

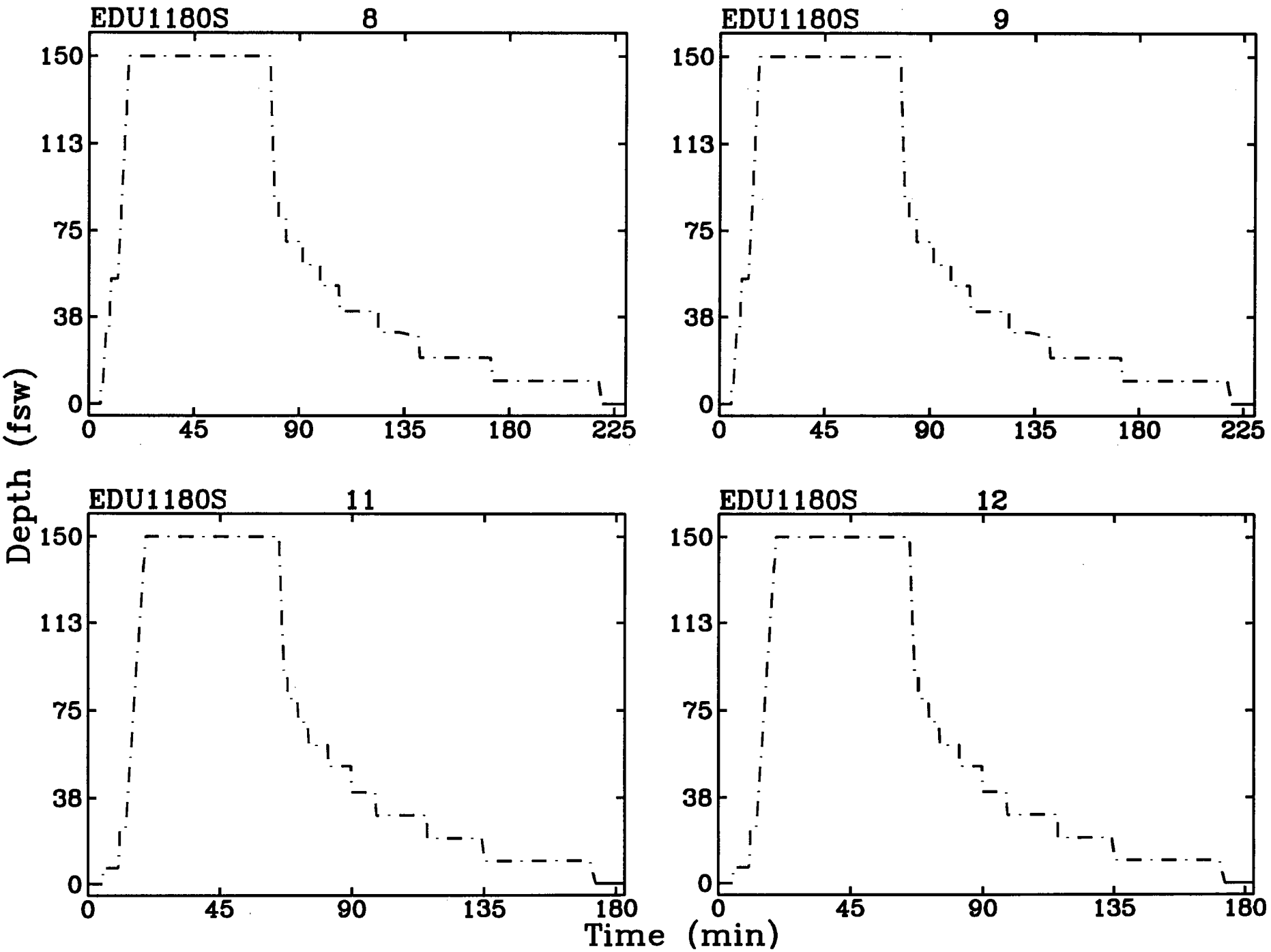
Profile #13

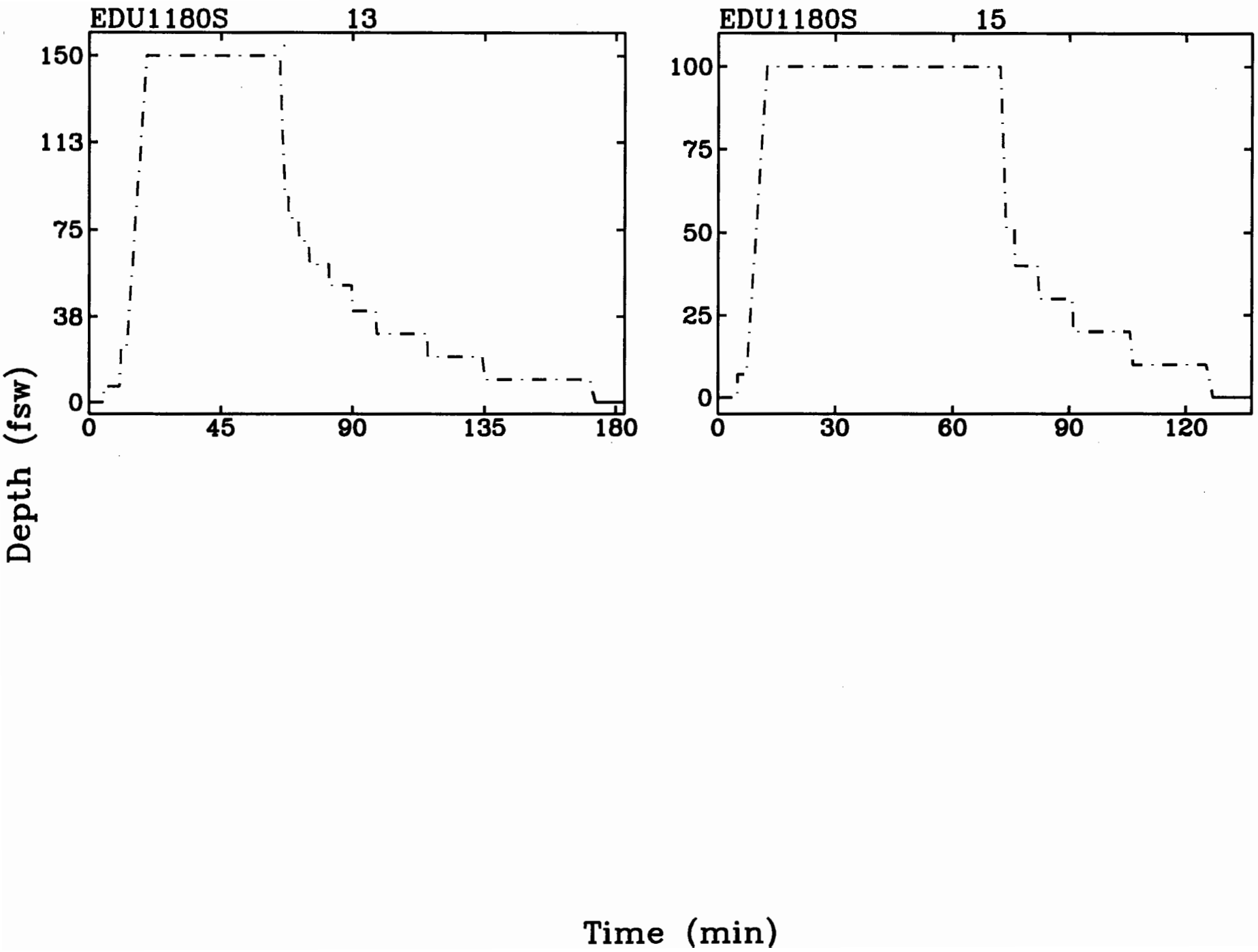
150.0, 60.0, 108.0,
1.000, 1, 1.0, 203.0, 263.0,
0.00, 0, 3.700, 1.00
5.00, 0,
5.10, 7,
10.40, 7,
11.00, 25,
12.90, 25,
19.60, 150,
65.00, 150,
66.90, 90,
68.00, 90,
68.20, 80,
71.40, 80,
71.70, 70,
74.90, 70,
75.30, 60,
81.80, 60,
82.00, 51,
89.60, 51,
89.90, 40,
97.90, 40,
98.30, 30,
115.30, 30,
115.80, 20,
134.30, 20,
135.30, 10,
171.00, 10,
173.00, 0, 1.000, 1.00
1613.00, 0.00,

Profile #15

100.0, 67.1, 54.9,
1.000, 1, 1.0, 157.0, 217.0,
0.00, 0, 3.700, 1.00
5.00, 0,
5.10, 7,
7.30, 7,
12.50, 100,
72.10, 100,
73.60, 51,
75.70, 51,
76.00, 40,
81.80, 40,
82.20, 30,
90.70, 30,
91.10, 20,
105.60, 20,
106.40, 10,
125.20, 10,
127.00, 0, 1.000, 1.00
1567.00, 0,


EDU1180S 1
EDU1180S 2
EDU1180S 4
EDU1180S 7
Depth (fsw)
Time (min)
150
113
75
38
0
149
112
37
0
45
90
135
180
225
60
120
240

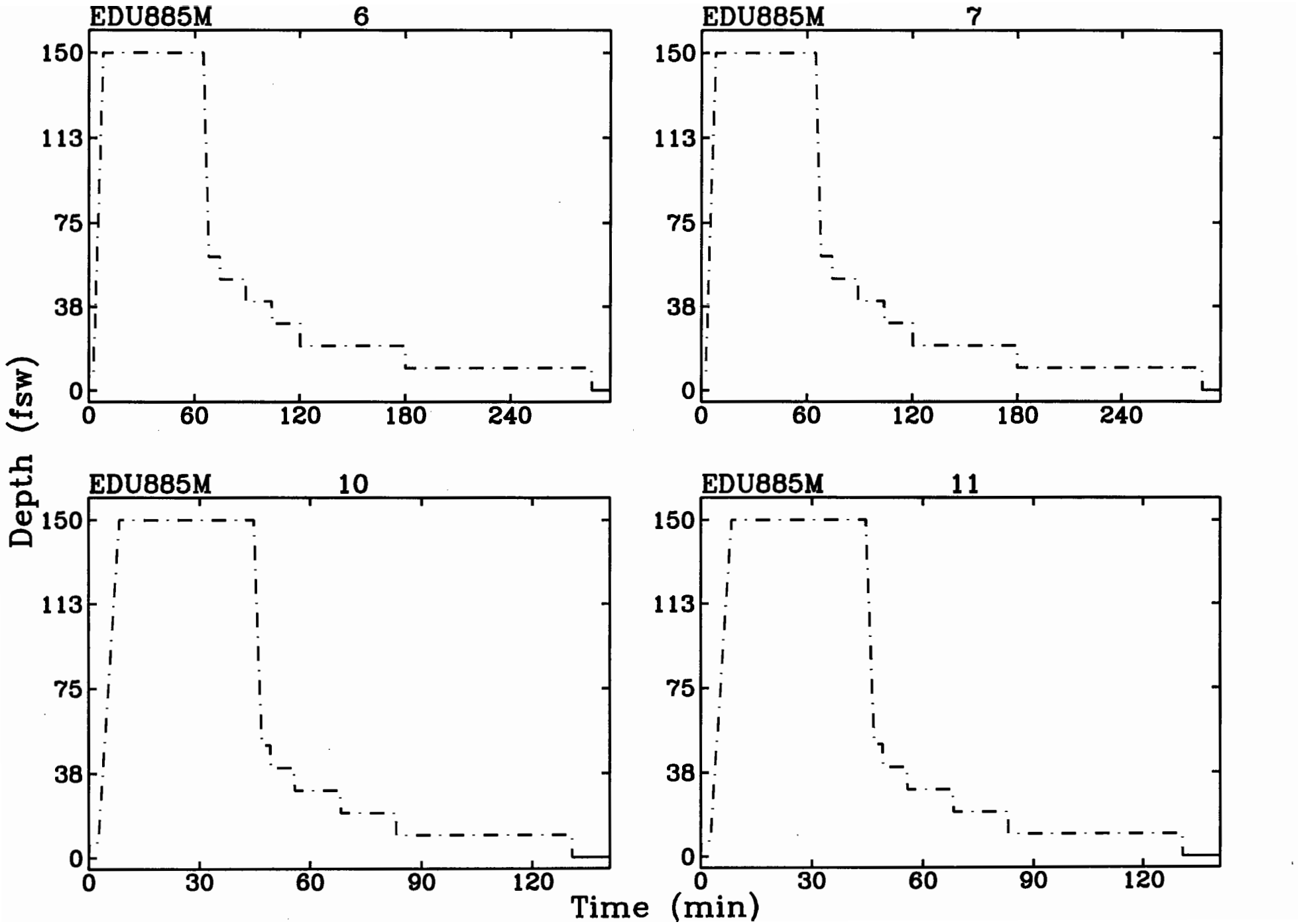

EDU1180S 8
EDU1180S 9
EDU1180S 11
EDU1180S 12
Depth (fsw)
150
113
75
38
0
0
45
90
135
180
225
Time (min)


EDU1180S 13
150
113
75
38
0
0
45
90
135
180
EDU1180S 15
100
75
50
25
0
0
30
60
90
120
Depth (fsw)
Time (min)

SECTION II: SINGLE NON-AIR DIVES

C. EDU885M 81 dives: 4 DCS, 0 Marginal

Profile #6	Profile #7	Profile #10	Profile #11
150.0, 64.8, 221.7,	150.0, 64.8, 221.7,	150.0, 44.6, 86.2,	150.0, 44.6, 86.2,
1.000, 1, 1.0, 407.0, 467.0,	1.000, 1, 1.0, 317.0, 437.0,	1.000, 1, 1.0, 251.0, 971.0,	1.000, 1, 1.0, 251.0, 1211.0,
0.00, 0, 3.700, 1.00	0.00, 0, 3.700, 1.00	0.00, 0, 3.700, 1.00	0.00, 0, 3.700, 1.00
0.20, 7,	0.20, 7,	0.20, 7,	0.20, 7,
2.50, 7,	2.50, 7,	2.60, 7,	2.60, 7,
8.10, 150,	8.10, 150,	8.30, 150,	8.30, 150,
64.80, 150,	64.80, 150,	44.60, 150,	44.60, 150,
68.10, 60,	68.10, 60,	46.90, 50,	46.90, 50,
74.30, 60,	74.30, 60,	49.10, 50,	49.10, 50,
74.60, 50,	74.60, 50,	49.30, 40,	49.30, 40,
89.00, 50,	89.00, 50,	55.60, 40,	55.60, 40,
89.20, 40,	89.20, 40,	55.80, 30,	55.80, 30,
104.00, 40,	104.00, 40,	68.00, 30,	68.00, 30,
104.30, 30,	104.30, 30,	68.30, 20,	68.30, 20,
120.20, 30,	120.20, 30,	83.00, 20,	83.00, 20,
120.40, 20,	120.40, 20,	83.20, 10,	83.20, 10,
179.90, 20,	179.90, 20,	130.60, 10,	130.60, 10,
180.10, 10,	180.10, 10,	130.80, 0, 1.000, 1.00	130.80, 0, 1.000, 1.00
286.30, 10,	286.30, 10,	1570.80, 0,	1570.80, 0,
286.50, 0, 1.000, 1.00	286.50, 0, 1.000, 1.00		
1726.50, 0,	1726.50, 0,		


EDU885M 6
EDU885M 7
EDU885M 10
EDU885M 11
Depth (fsw)
Time (min)
150
113
75
38
0
0
60
120
180
240
30
90

III. Repetitive & Multilevel (Air)

SECTION III: REPETITIVE & MULTILEVEL AIR DIVES

A. PAMLA 236 dives: 13 DCS, 12 Marginal

Profile #2	Profile #3	Profile #4	Profile #5
81.5, 240.1, 97.7, 1.0, 1, 1.0, 269.40, 359.30, 0.0, 0.0, 1.5, 0.0, 5.7, 81.5, 61.6, 81.5, 63.8, 21.5, 111.1, 21.5, 111.4, 31.5, 181.6, 31.5, 183.4, 81.5, 241.6, 81.5, 242.9, 21.5, 269.4, 21.5, 269.7, 11.5, 338.9, 11.5, 339.3, 0.0, 1779.3, 0.0,	81.5, 240.1, 97.7, 1.0, 1, 0.5, 459.30, 789.30, 0.0, 0.0, 1.5, 0.0, 5.7, 81.5, 61.6, 81.5, 63.8, 21.5, 111.1, 21.5, 111.4, 31.5, 181.6, 31.5, 183.4, 81.5, 241.6, 81.5, 242.9, 21.5, 269.4, 21.5, 269.7, 11.5, 338.9, 11.5, 339.3, 0.0, 1779.3, 0.0,	81.5, 240.1, 97.7, 1.0, 1, 0.5, 459.30, 579.30, 0.0, 0.0, 1.5, 0.0, 5.7, 81.5, 61.6, 81.5, 63.8, 21.5, 111.1, 21.5, 111.4, 31.5, 181.6, 31.5, 183.4, 81.5, 241.6, 81.5, 242.9, 21.5, 269.4, 21.5, 269.7, 11.5, 338.9, 11.5, 339.3, 0.0, 1779.3, 0.0,	81.5, 240.1, 97.7, 1.0, 1, 0.5, 459.30, 879.30, 0.0, 0.0, 1.5, 0.0, 5.7, 81.5, 61.6, 81.5, 63.8, 21.5, 111.1, 21.5, 111.4, 31.5, 181.6, 31.5, 183.4, 81.5, 241.6, 81.5, 242.9, 21.5, 269.4, 21.5, 269.7, 11.5, 338.9, 11.5, 339.3, 0.0, 1779.3, 0.0,
Profile #7	**Profile #9**	**Profile #11**	**Profile #12**
81.5, 240.4, 95.6, 1.0, 1, 0.5, 240.40, 266.50, 0.0, 0.0, 3.8, 81.5, 60.4, 81.5, 64.0, 21.5, 107.4, 21.5, 107.7, 31.5, 180.4, 31.5, 182.1, 81.5, 240.4, 81.5, 242.0, 21.5, 266.5, 21.5, 267.3, 11.5, 335.3, 11.5, 336.0, 0.0, 1776.0, 0.0,	81.5, 240.1, 97.4, 1.0, 1, 1.0, 462.30, 522.30, 0.0, 0.0, 4.8, 0.0, 5.0, 6.5, 8.7, 6.5, 9.2, 21.5, 14.3, 21.5, 16.5, 81.5, 64.8, 81.5, 66.2, 21.5, 113.3, 21.5, 113.6, 31.5, 184.8, 31.5, 186.6, 81.5, 244.8, 81.5, 246.2, 21.5, 272.3, 21.5, 272.8, 11.5, 341.8, 11.5, 342.3, 0.0, 1782.3, 0.0,	81.5, 240.1, 97.8, 1.0, 1, 1.0, 460.80, 490.80, 0.0, 0.0, 2.9, 0.0, 3.9, 6.5, 6.8, 81.5, 63.0, 81.5, 64.3, 21.5, 111.6, 21.5, 111.9, 31.5, 183.0, 31.5, 184.8, 81.5, 243.0, 81.5, 244.3, 21.5, 270.6, 21.5, 271.2, 11.5, 340.4, 11.5, 340.8, 0.0, 1780.8, 0.0,	81.5, 240.1, 97.8, 1.0, 1, 1.0, 460.80, 600.80, 0.0, 0.0, 2.9, 0.0, 3.9, 6.5, 6.8, 81.5, 63.0, 81.5, 64.3, 21.5, 111.6, 21.5, 111.9, 31.5, 183.0, 31.5, 184.8, 81.5, 243.0, 81.5, 244.3, 21.5, 270.6, 21.5, 271.2, 11.5, 340.4, 11.5, 340.8, 0.0, 1780.8, 0.0,

Profile #16

61.5, 239.8, 50.7,
1.0, 1, 1.0, 411.40, 621.40,
0.0, 0.0,
0.9, 0.0,
1.4, 6.5,
3.7, 61.5,
60.8, 61.5,
62.3, 21.5,
92.5, 21.5,
92.8, 31.5,
180.8, 31.5,
181.7, 61.5,
240.8, 61.5,
242.4, 11.5,
291.1, 11.5,
291.4, 0.0,
1731.4, 0.0,

Profile #17

61.5, 239.8, 50.7,
1.0, 1, 1.0, 411.40, 2091.40,
0.0, 0.0,
0.9, 0.0,
1.4, 6.5,
3.7, 61.5,
60.8, 61.5,
62.3, 21.5,
92.5, 21.5,
92.8, 31.5,
180.8, 31.5,
181.7, 61.5,
240.8, 61.5,
242.4, 11.5,
291.1, 11.5,
291.4, 0.0,
1731.4, 0.0,

Profile #18

61.5, 239.8, 50.7,
1.0, 1, 0.5, 411.40, 711.40,
0.0, 0.0,
0.9, 0.0,
1.4, 6.5,
3.7, 61.5,
60.8, 61.5,
62.3, 21.5,
92.5, 21.5,
92.8, 31.5,
180.8, 31.5,
181.7, 61.5,
240.8, 61.5,
242.4, 11.5,
291.1, 11.5,
291.4, 0.0,
1731.4, 0.0,

Profile #20

61.5, 240.4, 49.7,
1.0, **3**, 0.5, 240.40, 289.90,
0.0, 0.0,
0.7, 6.5,
2.6, 61.5,
60.3, 61.5,
61.2, 21.5,
91.4, 21.5,
91.7, 31.5,
180.4, 31.5,
181.4, 61.5,
240.4, 61.5,
241.5, 11.5,
289.9, 11.5,
290.1, 0.0,
1730.1, 0.0,

Profile #23

61.5, 300.1, 58.3,
1.0, 1, 1.0, 389.30, 429.30,
0.0, 0.0,
0.9, 0.0,
1.9, 6.5,
3.3, 43.5,
3.8, 41.5,
4.8, 61.5,
61.1, 61.5,
62.2, 21.5,
92.6, 21.5,
92.8, 31.5,
241.0, 31.5,
241.9, 61.5,
301.0, 61.5,
302.5, 11.5,
359.1, 11.5,
359.3, 0.0,
1799.3, 0.0,

Profile #24

61.5, 300.1, 58.3,
1.0, 1, 0.5, 374.30, 429.30,
0.0, 0.0,
0.9, 0.0,
1.9, 6.5,
3.3, 43.5,
3.8, 41.5,
4.8, 61.5,
61.1, 61.5,
62.2, 21.5,
92.6, 21.5,
92.8, 31.5,
241.0, 31.5,
241.9, 61.5,
301.0, 61.5,
302.5, 11.5,
359.1, 11.5,
359.3, 0.0,
1799.3, 0.0,

Profile #25

61.5, 300.1, 58.3,
1.0, 1, 0.5, 479.30, 779.30,
0.0, 0.0,
0.9, 0.0,
1.9, 6.5,
3.3, 43.5,
3.8, 41.5,
4.8, 61.5,
61.1, 61.5,
62.2, 21.5,
92.6, 21.5,
92.8, 31.5,
241.0, 31.5,
241.9, 61.5,
301.0, 61.5,
302.5, 11.5,
359.1, 11.5,
359.3, 0.0,
1799.3, 0.0,

Profile #27

61.5, 300.0, 57.8,
1.0, 1, 1.0, 481.50, 491.50,
0.0, 0.0,
3.7, 0.0,
4.5, 6.5,
6.5, 61.5,
63.8, 61.5,
64.6, 21.5,
94.8, 21.5,
94.9, 31.5,
243.7, 31.5,
244.7, 61.5,
303.7, 61.5,
304.8, 11.5,
361.3, 11.5,
361.5, 0.0,
1801.5, 0.0,

Profile #28

61.5, 300.0, 57.8,
1.0, 1, 0.5, 481.50, 601.50,
0.0, 0.0,
3.7, 0.0,
4.5, 6.5,
6.5, 61.5,
63.8, 61.5,
64.6, 21.5,
94.8, 21.5,
94.9, 31.5,
243.7, 31.5,
244.7, 61.5,
303.7, 61.5,
304.8, 11.5,
361.3, 11.5,
361.5, 0.0,
1801.5, 0.0,

Profile #30

61.5, 300.4, 57.8,
1.0, 1, 1.0, 380.70, 420.70,
0.0, 0.0,
2.5, 0.0,
3.5, 6.5,
5.8, 61.5,
62.6, 61.5,
63.3, 21.5,
93.6, 21.5,
93.8, 31.5,
242.8, 31.5,
243.8, 61.5,
302.9, 61.5,
304.1, 11.5,
360.5, 11.5,
360.7, 0.0,
1800.7, 0.0,

Profile #31

61.5, 300.4, 57.8,
1.0, 1, 0.5, 480.70, 900.70,
0.0, 0.0,
2.5, 0.0,
3.5, 6.5,
5.8, 61.5,
62.6, 61.5,
63.3, 21.5,
93.6, 21.5,
93.8, 31.5,
242.8, 31.5,
243.8, 61.5,
302.9, 61.5,
304.1, 11.5,
360.5, 11.5,
360.7, 0.0,
1800.7, 0.0,

Profile #36

61.5, 300.0, 58.1,
1.0, 1, 1.0, 479.20, 599.20,
0.0, 0.0,
1.1, 0.0,
1.4, 6.5,
2.4, 35.5,
2.8, 31.5,
3.8, 31.5,
4.8, 61.5,
61.1, 61.5,
62.6, 16.5,
241.2, 16.5,
242.6, 61.5,
301.1, 61.5,
302.8, 11.5,
359.0, 11.5,
359.2, 0.0,
1799.2, 0.0,

Profile #42

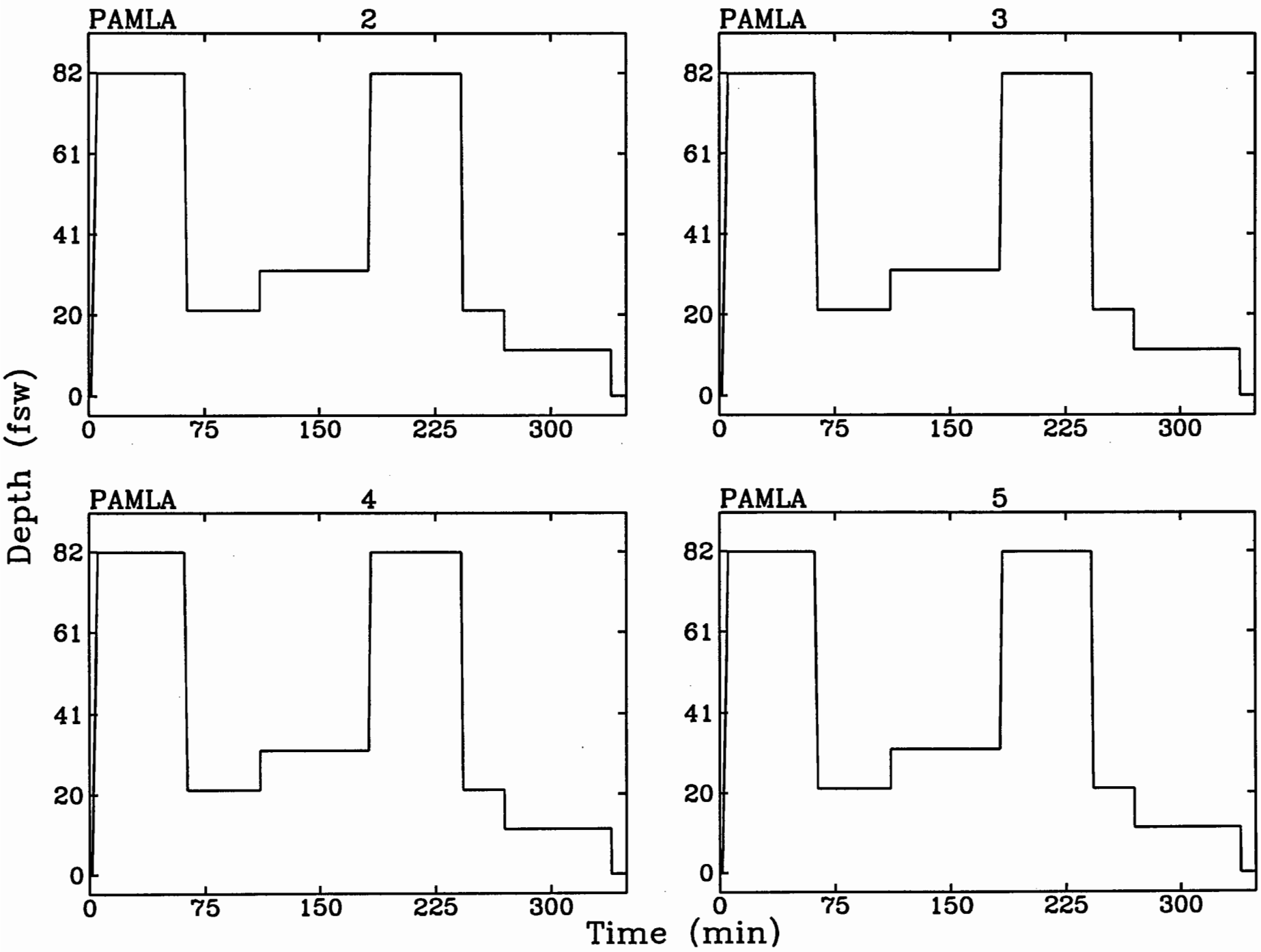
81.5, 240.3, 202.6,
1.0, 1, 1.0, 573.00, 633.00,
0.0, 0.0,
10.2, 0.0,
11.3, 6.5,
13.0, 51.5,
13.6, 51.5,
13.8, 49.5,
14.3, 49.5,
15.5, 81.5,
70.3, 81.5,
71.6, 31.5,
190.4, 31.5,
192.9, 81.5,
250.4, 81.5,
251.8, 31.5,
312.1, 31.5,
312.3, 21.5,
452.5, 21.5,
452.8, 6.5,
453.0, 0.0,
1893.0, 0.0,

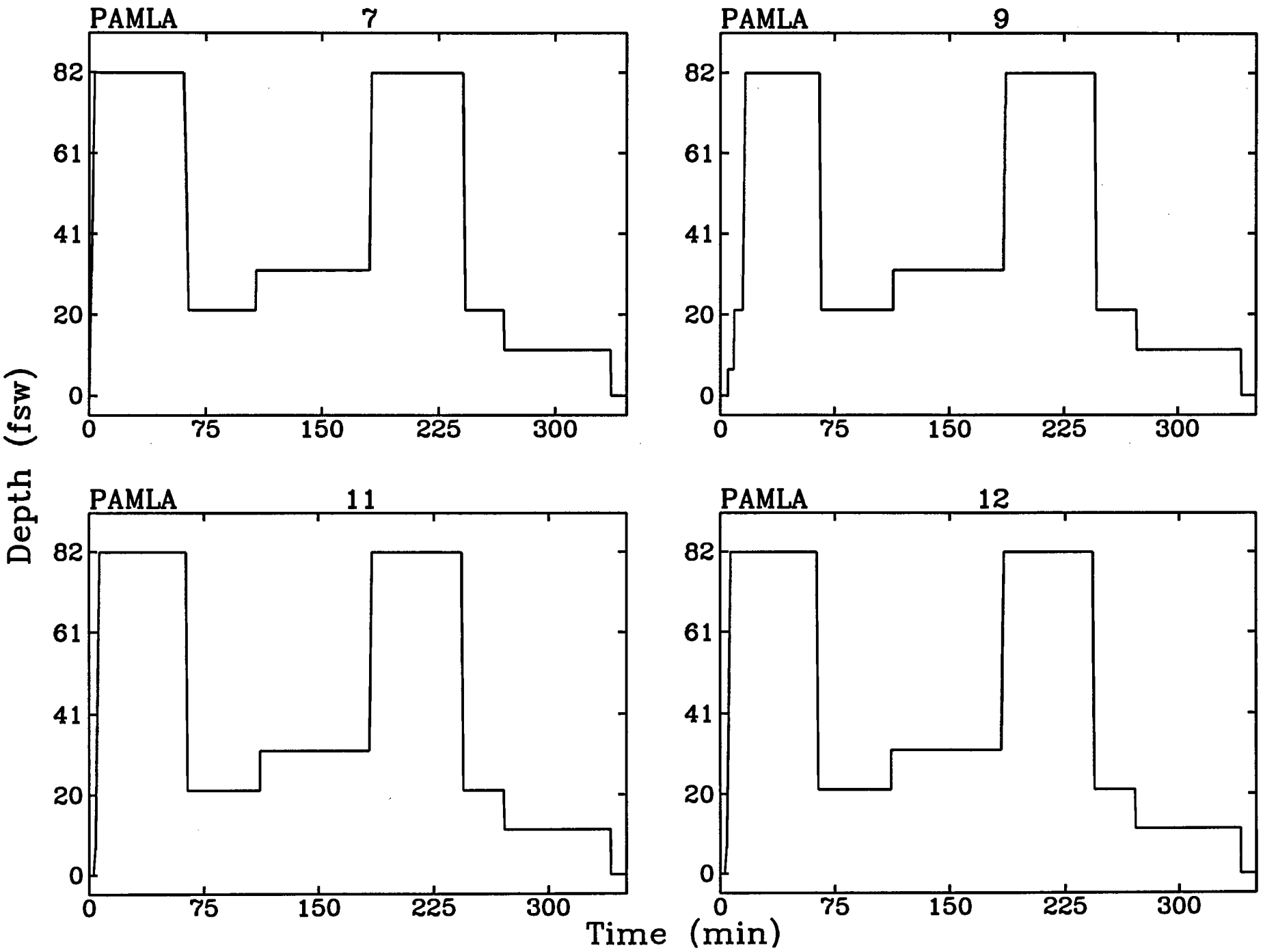
Profile #44

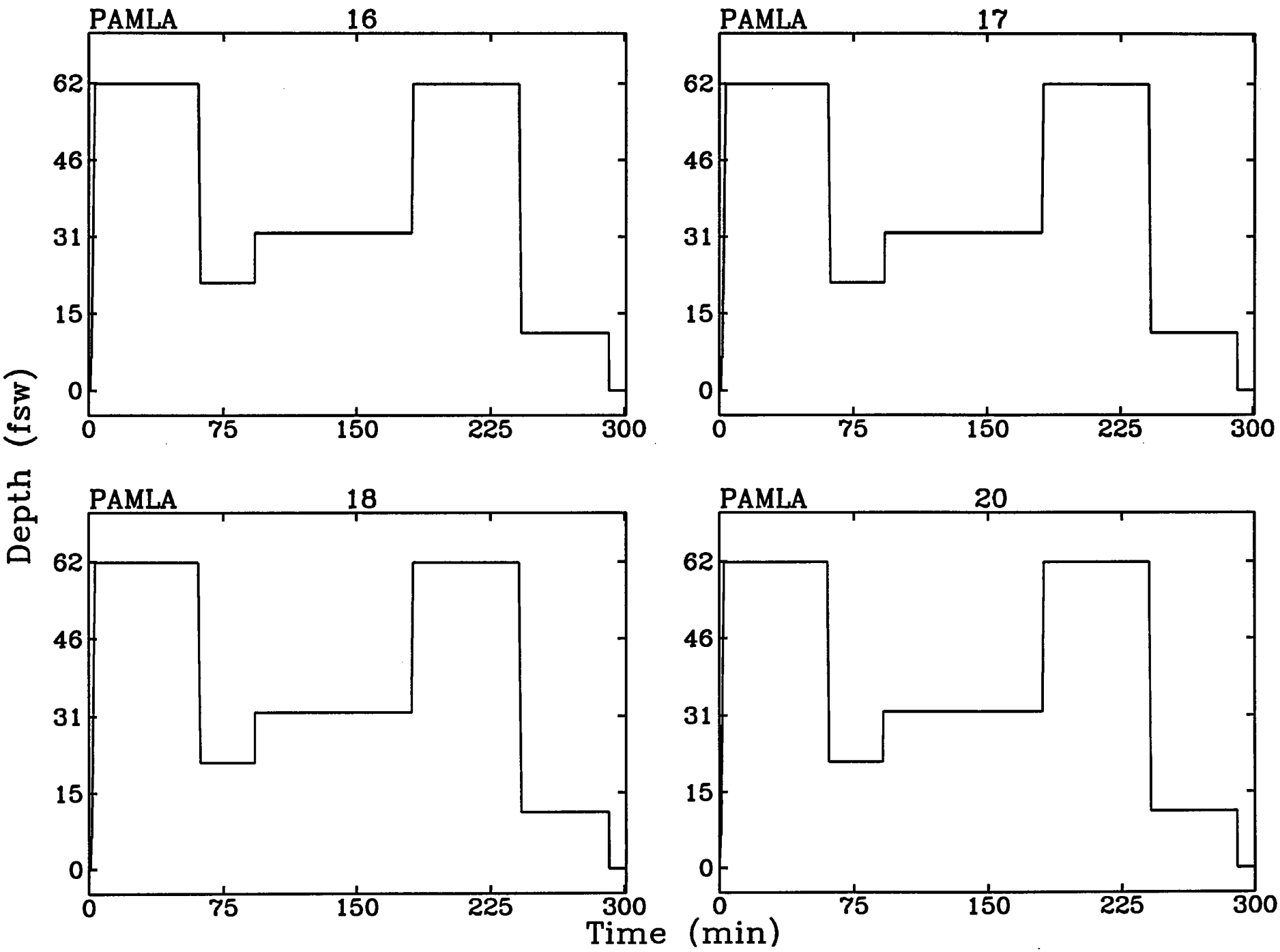
81.5, 240.0, 207.4,
1.0, 1, 1.0, 569.50, 1409.50,
0.0, 0.0,
2.1, 0.0,
2.6, 6.5,
5.5, 81.5,
62.2, 81.5,
63.1, 31.5,
182.2, 31.5,
183.8, 81.5,
242.1, 81.5,
243.1, 31.5,
308.3, 31.5,
308.5, 21.5,
448.8, 21.5,
449.1, 6.5,
449.5, 0.0,
1889.5, 0.0,

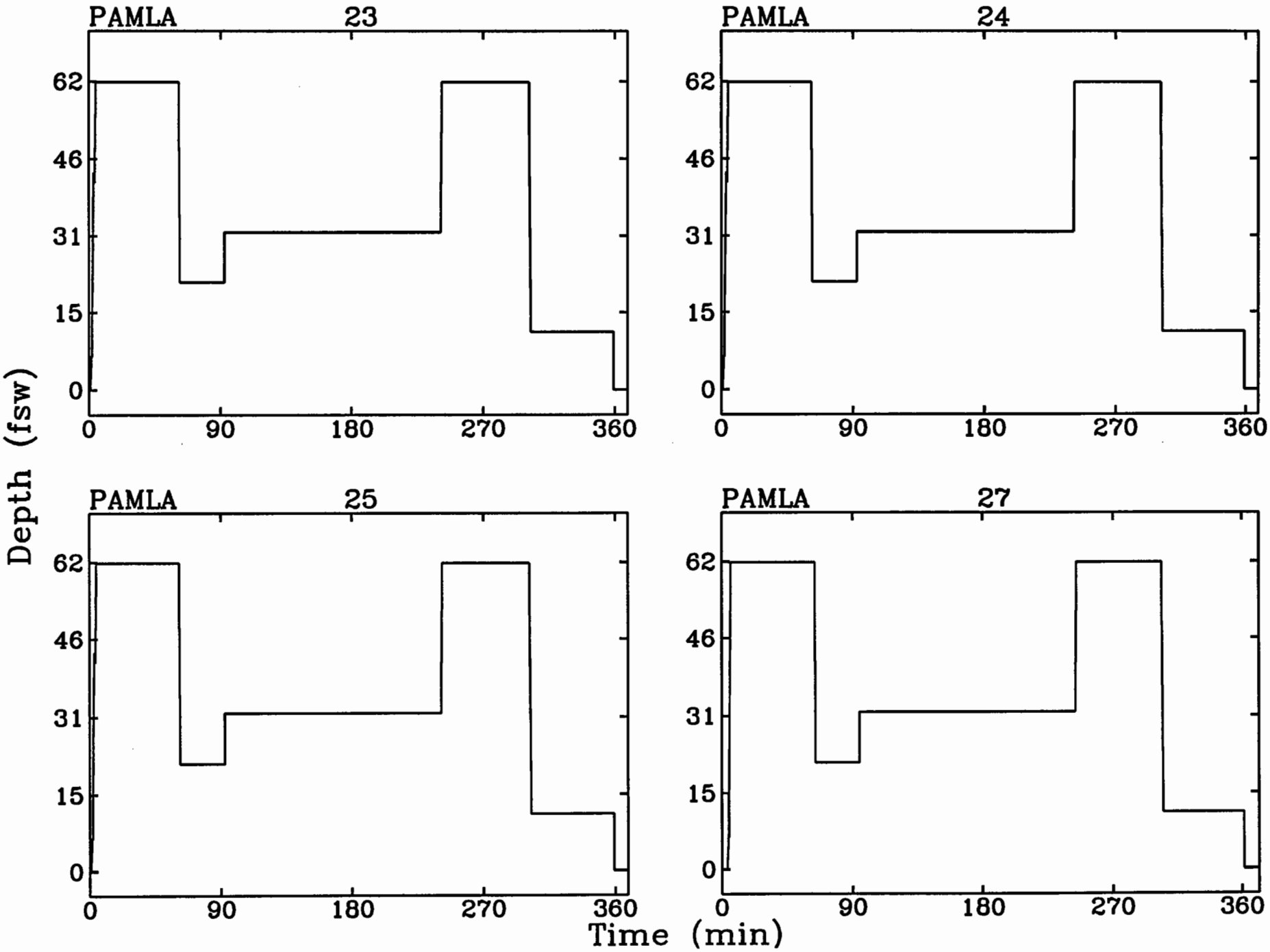
Profile #47

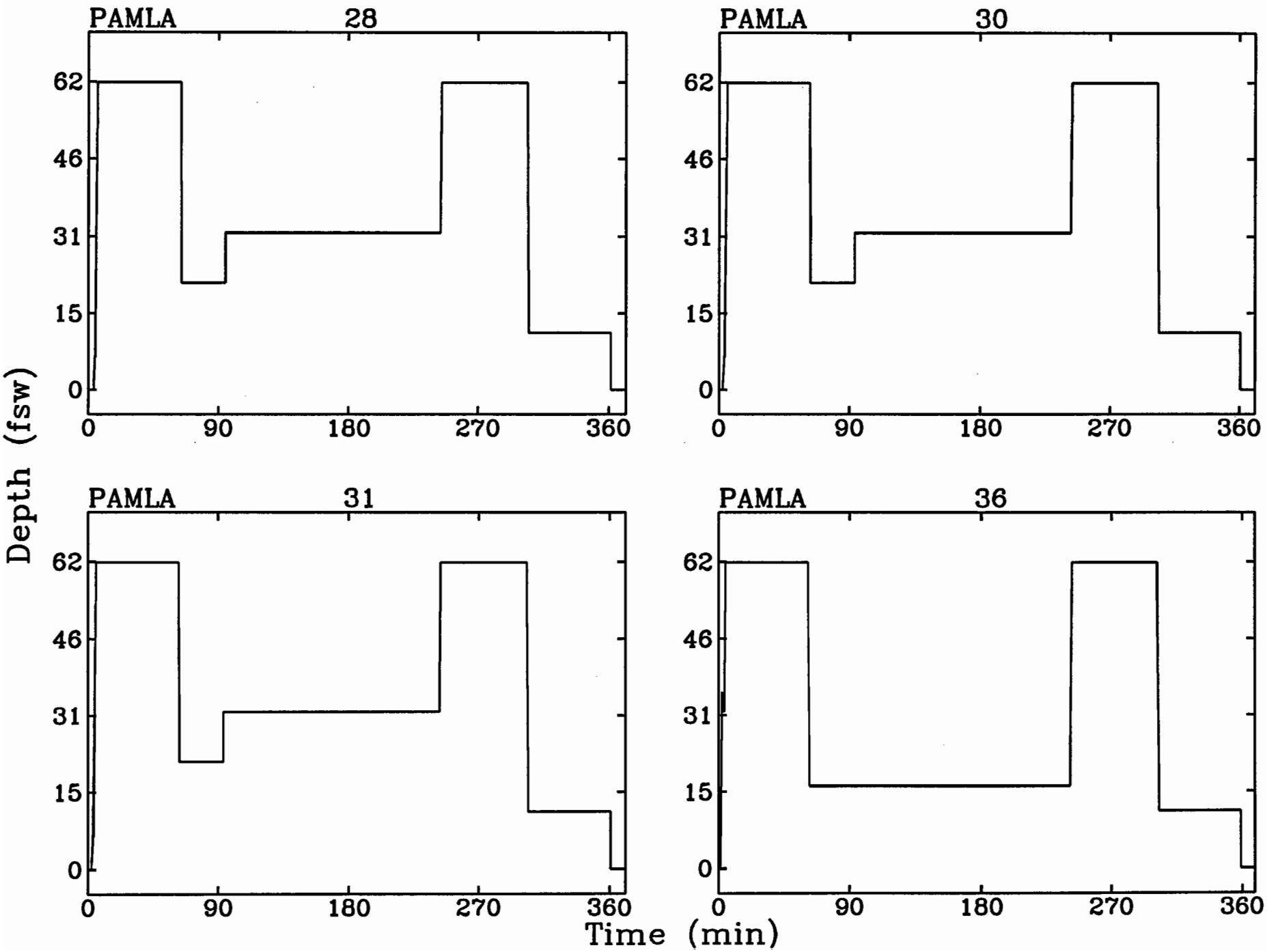
81.5, 240.1, 202.7,
1.0, 1, 1.0, 564.10, 579.10,
0.0, 0.0,
1.3, 0.0,
1.9, 6.5,
5.2, 81.5,
61.3, 81.5,
62.3, 31.5,
181.4, 31.5,
183.1, 81.5,
241.4, 81.5,
242.8, 31.5,
308.0, 31.5,
308.2, 21.5,
443.3, 21.5,
443.7, 6.5,
444.1, 0.0,
1884.1, 0.0,

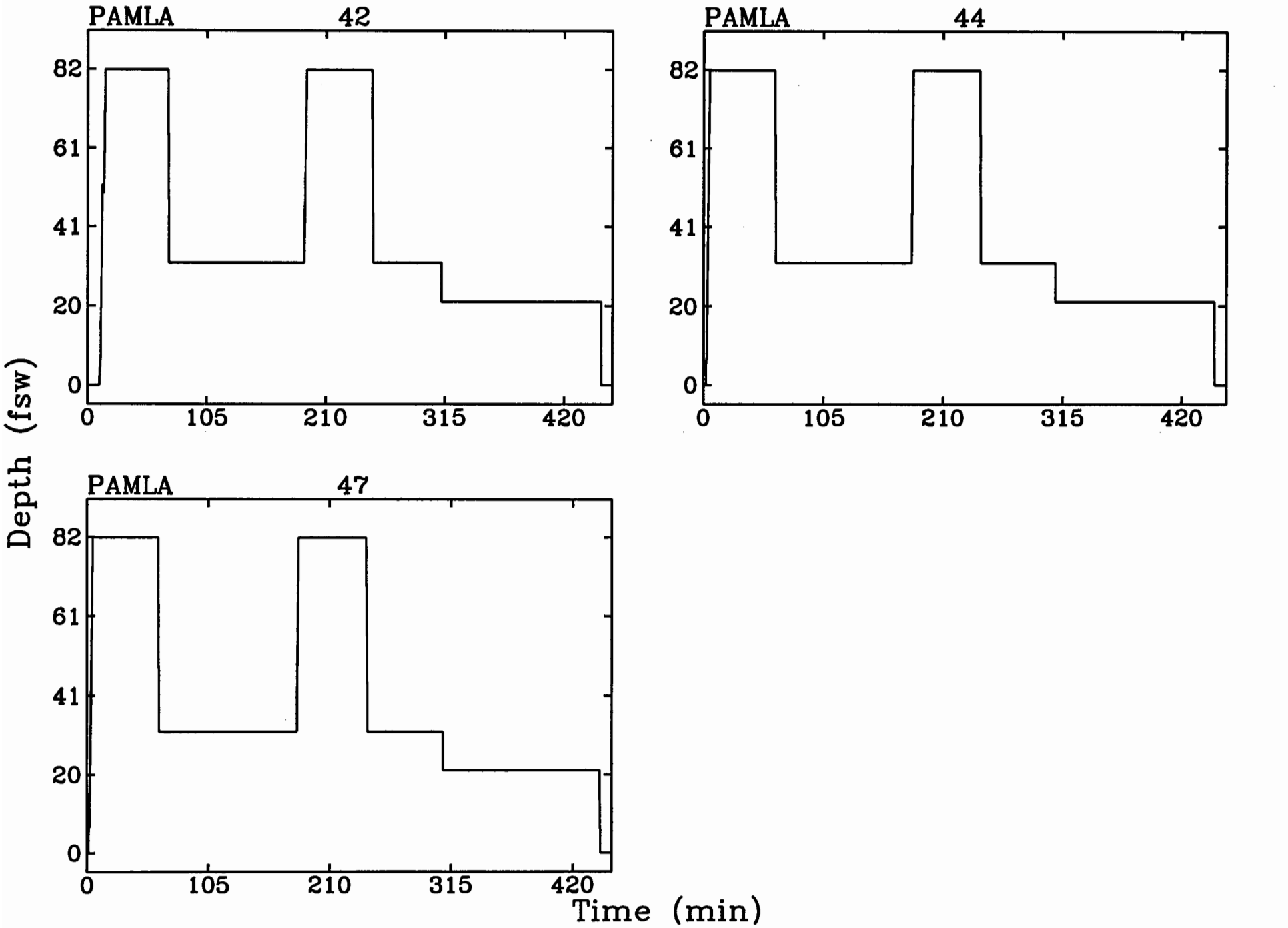

PAMLA 2
PAMLA 3
PAMLA 4
PAMLA 5
82
61
41
20
0
0
75
150
225
300
Depth (fsw)
Time (min)


PAMLA 7
PAMLA 9
PAMLA 11
PAMLA 12
82
61
41
20
0
0
75
150
225
300
Depth (fsw)
Time (min)


PAMLA 16
PAMLA 17
PAMLA 18
PAMLA 20
62
46
31
15
0
0
75
150
225
300
Depth (fsw)
Time (min)


PAMLA 23
PAMLA 24
PAMLA 25
PAMLA 27
Depth (fsw)
62
46
31
15
0
0
90
180
270
360
Time (min)


PAMLA 28
PAMLA 30
PAMLA 31
PAMLA 36
62
46
31
15
0
0
90
180
270
360
Depth (fsw)
Time (min)


PAMLA 42
PAMLA 44
PAMLA 47
82
61
41
20
0
0
105
210
315
420
Depth (fsw)
Time (min)

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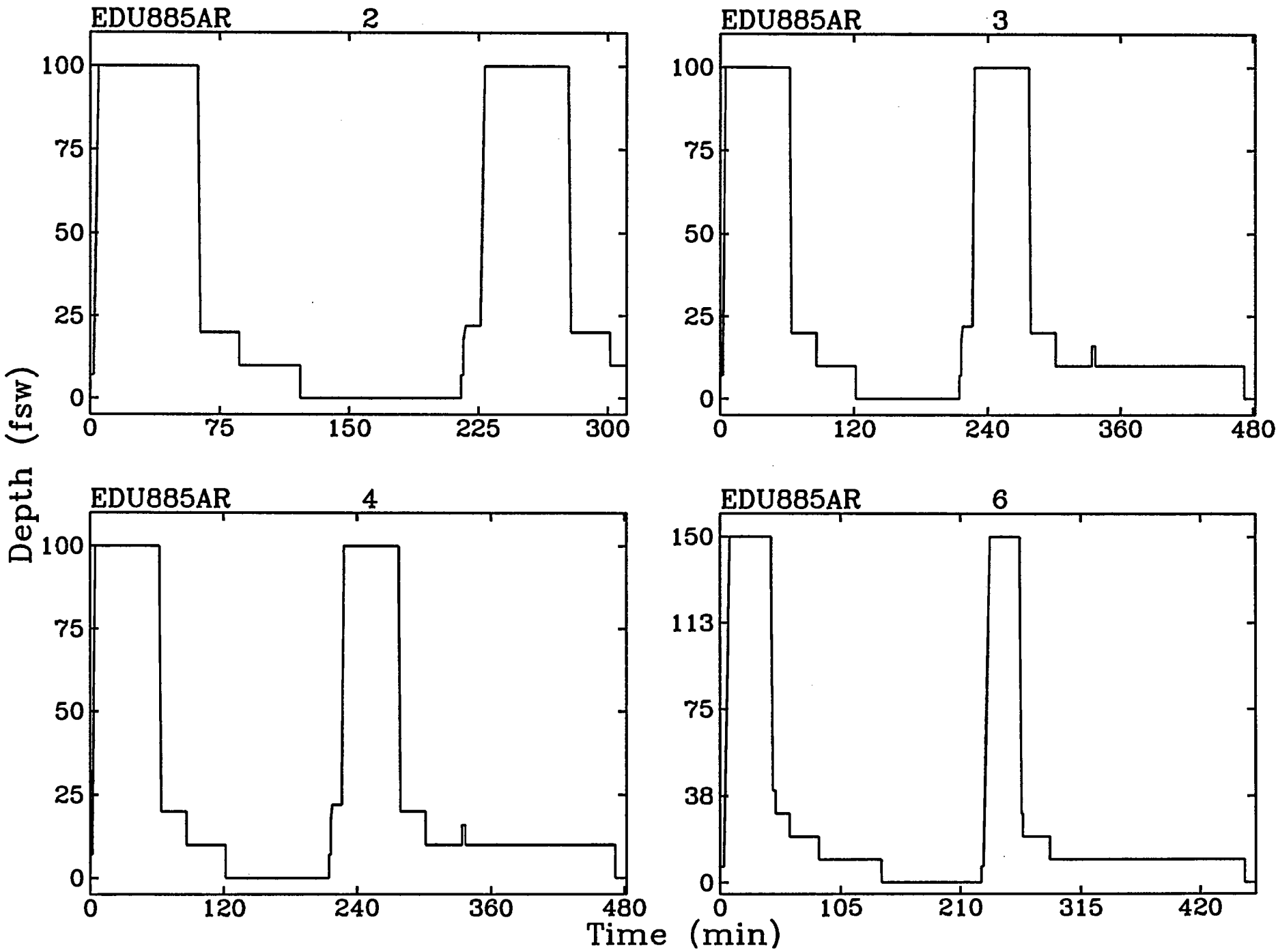
SECTION III: REPETITIVE & MULTILEVEL AIR DIVES

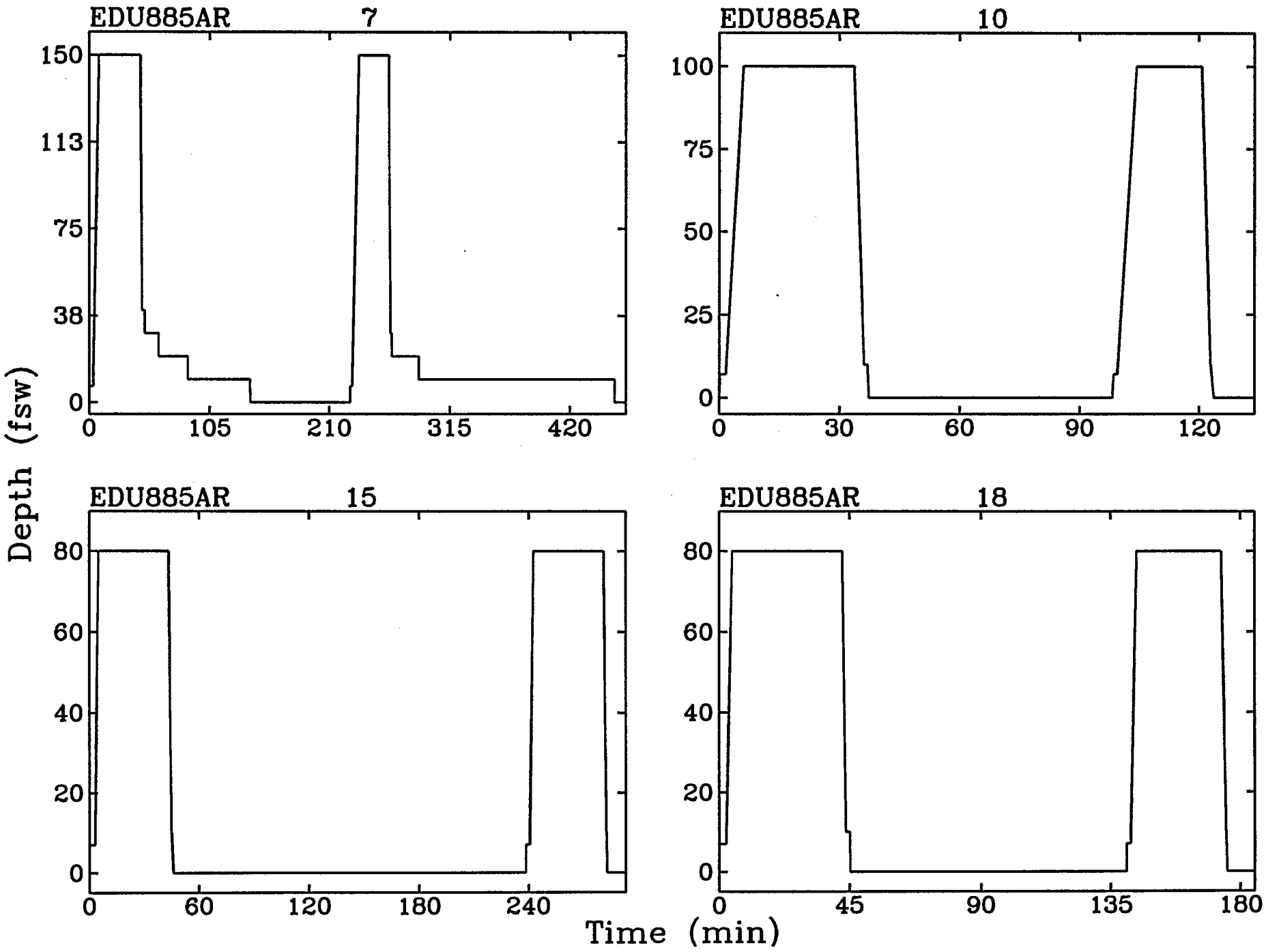
B. EDU885AR 182 Dives: 11 DCS, 0 Marginal

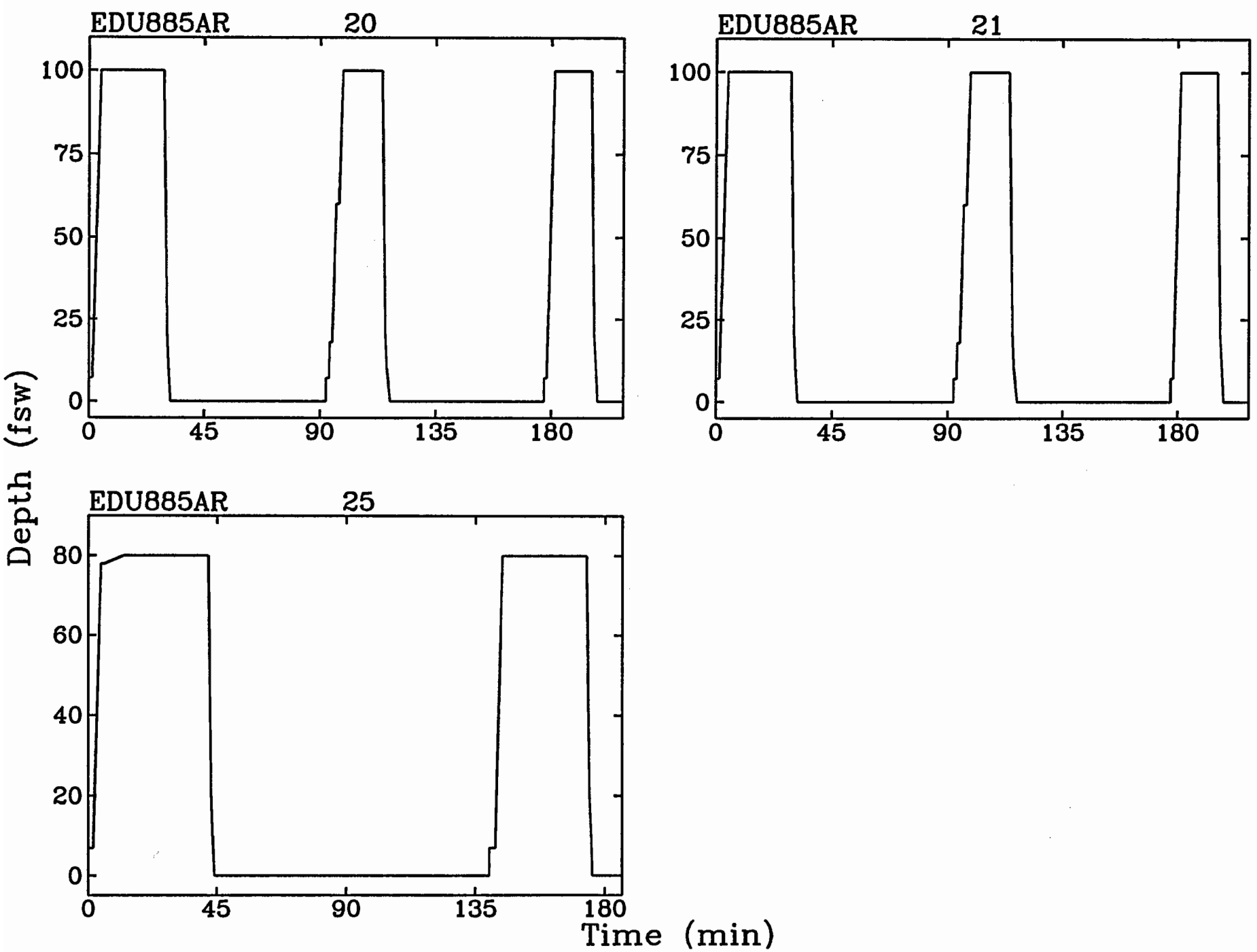
Profile #2	Profile #3	Profile #4	Profile #6
100.0, 62.1, 59.8,	100.0, 62.1, 59.8,	100.0, 62.1, 59.8,	150.0, 43.9, 97.1,
1.000, 1, 1.0, 301.1, 334.1,	1.000, 1, 1.0, 205.0, 481.9,	1.000, 1, 1.0, 592.0, 892.0,	1.000, 1, 1.0, 458.9, 464.2,
0.00, 0,	0.00, 0,	0.00, 0,	0.00, 0,
0.20, 7,	0.20, 7,	0.20, 7,	0.20, 7,
1.70, 7,	1.70, 7,	1.70, 7,	2.90, 7,
4.80, 100,	4.80, 100,	4.80, 100,	8.40, 150,
62.10, 100,	62.10, 100,	62.10, 100,	43.90, 150,
63.90, 20,	63.90, 20,	63.90, 20,	45.90, 40,
86.20, 20,	86.20, 20,	86.20, 20,	48.10, 40,
86.40, 10,	86.40, 10,	86.40, 10,	48.30, 30,
121.60, 10,	121.60, 10,	121.60, 10,	60.20, 30,
121.90, 0,	121.90, 0,	121.90, 0,	60.50, 20,
214.60, 0,	214.60, 0,	214.60, 0,	85.90, 20,
214.90, 7,	214.90, 7,	214.90, 7,	86.20, 10,
216.00, 7,	216.00, 7,	216.00, 7,	140.60, 10,
216.30, 18,	216.30, 18,	216.30, 18,	141.00, 0,
217.60, 22,	217.60, 22,	217.60, 22,	227.70, 0,
225.90, 22,	225.90, 22,	225.90, 22,	227.90, 7,
228.40, 100,	228.40, 100,	228.40, 100,	229.50, 7,
276.80, 100,	276.80, 100,	276.80, 100,	235.40, 150,
278.60, 20,	278.60, 20,	278.60, 20,	261.10, 150,
301.10, 20,	301.10, 20,	301.10, 20,	263.30, 30,
301.40, 10,	301.40, 10,	301.40, 10,	263.90, 30,
1741.40, 10,	333.90, 10,	333.90, 10,	264.30, 20,
	334.10, 16,	334.10, 16,	287.60, 20,
	366.70, 16,	336.70, 16,	287.90, 10,
	337.00, 10,	337.00, 10,	458.90, 10,
	471.60, 10,	471.60, 10,	459.20, 0,
	471.90, 0,	471.90, 0,	1899.20, 0,
	1911.90, 0,	1911.90, 0,	

Profile #7	Profile #10	Profile #15	Profile #18
150.0, 43.9, 97.1,	100.0, 33.7, 3.7,	80.0, 43.2, 2.7,	80.0, 42.3, 2.9,
1.000, 1, 1.0, 579.2, 1719.0,	1.000, 1, 1.0, 243.8, 334.0,	1.000, 1, 1.0, 280.7, 292.9,	1.000, 1, 1.0, 173.3, 188.4,
0.00, 0,	0.00, 0,	0.00, 0,	0.00, 0,
0.20, 7,	0.20, 7,	0.20, 7,	0.20, 7,
2.90, 7,	1.50, 7,	2.90, 7,	2.30, 7,
8.40, 150,	6.10, 100,	5.00, 80,	4.50, 80,
43.90, 150,	33.70, 100,	43.20, 80,	42.30, 80,
45.90, 40,	36.20, 10,	44.90, 10,	43.80, 10,
48.10, 40,	37.00, 10,	45.90, 0,	45.00, 10,
48.30, 30,	37.40, 0,	238.30, 0,	45.20, 0,
60.20, 30,	98.20, 0,	238.50, 7,	140.40, 0,
60.50, 20,	98.50, 7,	240.30, 7,	140.60, 7,
85.90, 20,	99.40, 7,	242.60, 80,	141.80, 7,
86.20, 10,	104.40, 100,	280.70, 80,	144.10, 80,
140.60, 10,	120.70, 100,	282.30, 10,	173.30, 80,
141.00, 0,	122.90, 10,	282.90, 0,	174.90, 10,
227.70, 0,	123.80, 0,	1722.90, 0,	175.40, 0,
227.90, 7,	1563.80, 0,		1615.40, 0,
229.50, 7,			
235.40, 150,			
261.10, 150,			
263.30, 30,			
263.90, 30,			
264.30, 20,			
287.60, 20,			
287.90, 10,			
458.90, 10,			
459.20, 0,			
1899.20, 0,			

Profile #20	Profile #21	Profile #25
100.0, 28.9, 2.9,	100.0, 28.9, 2.9,	80.0, 41.9, 2.4,
1.000, 1, 1.0, 195.4, 318.0,	1.000, 1, 1.0, 318.0, 438.0,	1.000, 1, 1.0, 206.0, 266.0,
0.00, 0,	0.00, 0,	0.00, 0,
0.20, 7,	0.20, 7,	0.20, 7,
1.20, 7,	1.20, 7,	1.70, 7,
4.60, 100,	4.60, 100,	4.40, 78,
28.90, 100,	28.90, 100,	5.50, 78,
30.50, 20,	30.50, 20,	12.20, 80,
31.00, 10,	31.00, 10,	41.90, 80,
31.80, 0,	31.80, 0,	43.10, 20,
92.20, 0,	92.20, 0,	43.60, 10,
92.40, 7,	92.40, 7,	44.30, 0,
93.40, 7,	93.40, 7,	139.80, 0,
93.70, 18,	93.70, 18,	140.00, 7,
94.60, 18,	94.60, 18,	142.00, 7,
96.10, 60,	96.10, 60,	144.40, 80,
97.10, 60,	97.10, 60,	173.50, 80,
98.60, 100,	98.60, 100,	174.70, 20,
113.90, 100,	113.90, 100,	175.20, 10,
115.40, 20,	115.40, 20,	175.80, 0,
115.90, 10,	115.90, 10,	1615.80, 0,
117.20, 0,	117.20, 0,	
177.20, 0,	177.20, 0,	
177.30, 7,	177.30, 7,	
178.10, 7,	178.10, 7,	
181.20, 100,	181.20, 100,	
195.40, 100,	195.40, 100,	
196.70, 20,	196.70, 20,	
197.40, 10,	197.40, 10,	
198.10, 0,	198.10, 0,	
1638.10, 0,	1638.10, 0,	


EDU885AR 2
100
75
50
25
0
0
75
150
225
300
EDU885AR 3
100
75
50
25
0
0
120
240
360
480
EDU885AR 4
100
75
50
25
0
0
120
240
360
480
EDU885AR 6
150
113
75
38
0
0
105
210
315
420
Depth (fsw)
Time (min)


EDU885AR 7
150
113
75
38
0
0
105
210
315
420
EDU885AR 10
100
75
50
25
0
0
30
60
90
120
EDU885AR 15
80
60
40
20
0
0
60
120
180
240
EDU885AR 18
80
60
40
20
0
0
45
90
135
180
Depth (fsw)
Time (min)

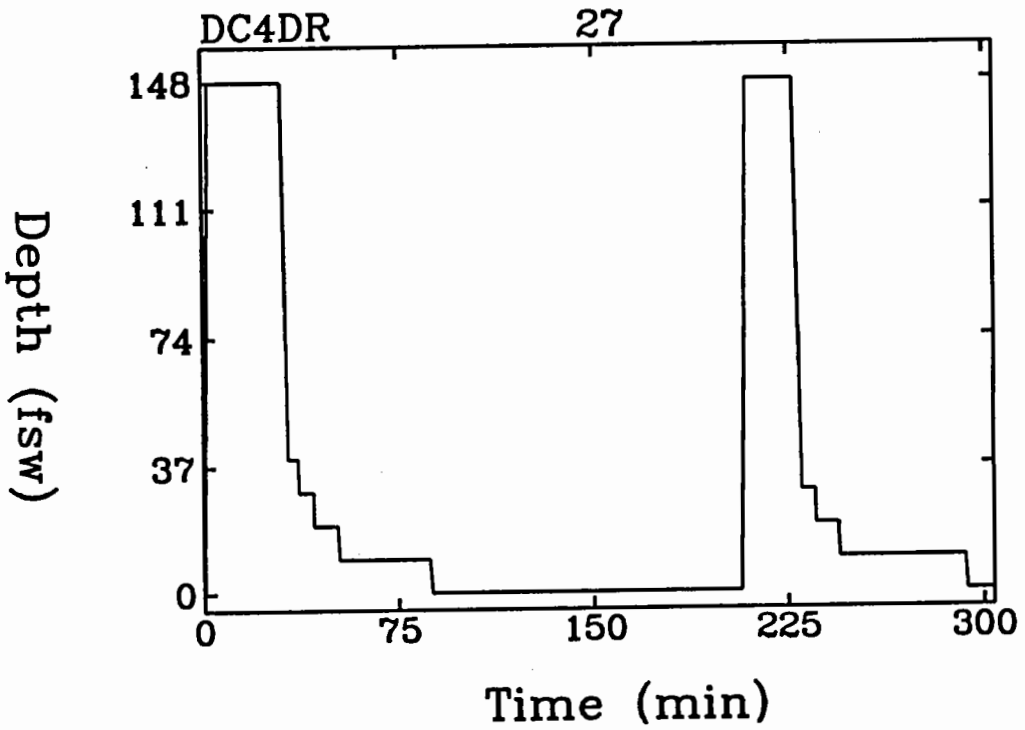

EDU885AR 20
EDU885AR 21
EDU885AR 25
Depth (fsw)
Time (min)
0
25
50
75
100
20
40
60
80
45
90
135
180

SECTION III: REPETITIVE & MULTILEVEL AIR DIVES

C. DC4DR — 142 Dives: 1 DCS, 0 Marginal

Profile #27

150.0, 30.0, 57.7,
1.000, 1.0, 1.0, 235.3, 292.7,
0.00, 0.00,
2.60, 147.64,
30.00, 147.64,
32.60, 39.37,
36.20, 39.37,
36.70, 29.53,
42.20, 29.53,
42.60, 19.69,
51.40, 19.69,
52.20, 9.84,
86.70, 9.84,
87.70, 0.00,
207.00, 0.00,
209.50, 147.64,
227.00, 147.64,
230.30, 29.53,
235.30, 29.53,
235.80, 19.69,
244.10, 19.69,
244.70, 9.84,
292.70, 9.84,
293.80, 0.00,
1733.80, 0,



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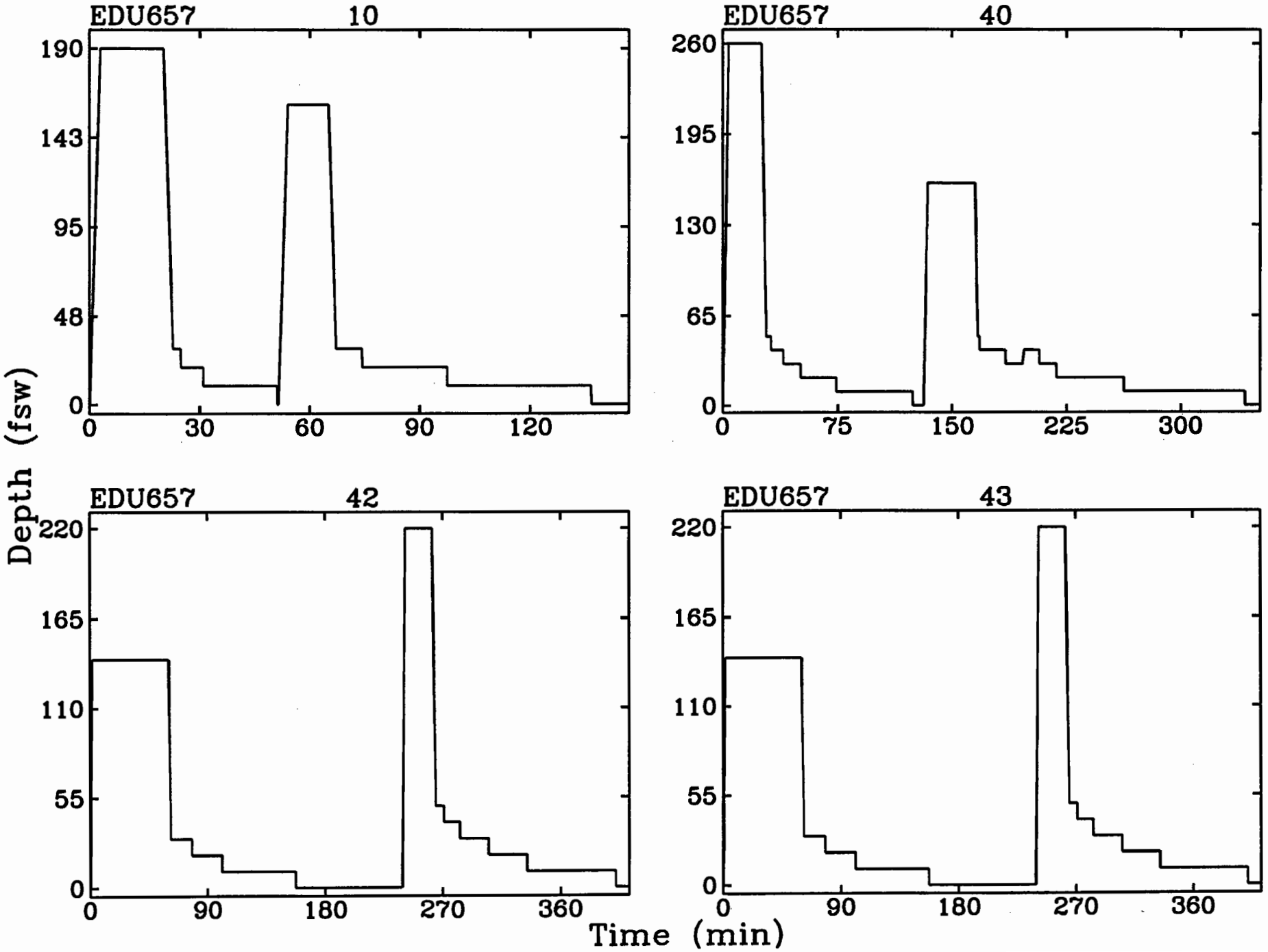
SECTION III. REPETITIVE & MULTILEVEL AIR DIVES
D. EDU657 142 dives; 4 DCS, 0 Marginals

Profile #10	Profile # 40	Profile #42	Profile #43
190, 20, 31.1, 11/7/56,	260, 25, 99.33, 11/20/56,	140, 60, 97.3, 11/20/56,	140, 60, 97.3, 11/20/56,
1.0, 1, 1.0, 97.37, 145.7,	1.0, 1, 1.0, 165.0, 207.3,	1.0, 1, 1.0, 412.63, 453.63,	1.0, 1, 1.0, 522.63, 789.63,
0, 0,	0, 0,	0, 0,	0, 0,
3, 190,	4, 260,	2, 140,	2, 140,
20, 190,	25, 260,	60, 140,	60, 140,
22.7, 30,	28.5, 50,	61.8, 30,	61.8, 30,
24.7, 30,	31.5, 50,	77.8, 30,	77.8, 30,
24.87, 20,	31.67, 40,	77.97, 20,	77.97, 20,
30.87, 20,	39.67, 40,	100.97, 20,	100.97, 20,
31.03, 10,	39.83, 30,	101.13, 10,	101.13, 10,
51.03, 10,	50.83, 30,	157.13, 10,	157.13, 10,
51.2, 0,	51, 20,	157.3, 0,	157.3, 0,
51.3, 0,	74, 20,	239, 0,	239, 0,
54, 160,	74.17, 10,	242, 220,	242, 220,
65, 160,	124.17, 10,	262, 220,	262, 220,
67.2, 30,	124.33, 0,	264.8, 50,	264.8, 50,
74.2, 30,	131, 0,	270.8, 50,	270.8, 50,
74.37, 20,	134, 160,	270.97, 40,	270.97, 40,
97.37, 20,	165, 160,	282.97, 40,	282.97, 40,
97.53, 10,	166.8, 50,	283.13, 30,	283.13, 30,
136.53, 10,	167.8, 50,	305.13, 30,	305.13, 30,
136.7, 0,	167.97, 40,	305.3, 20,	305.3, 20,
1576.7, 0,	184.97, 40,	334.3, 20,	334.3, 20,
	185.13, 30,	334.47, 10,	334.47, 10,
	196.13, 30,	402.47, 10,	402.47, 10,
	197.13, 40,	402.63, 0,	402.63, 0,
	207.13, 40,	1842.63, 0,	1842.63, 0,
	207.3, 30,		
	218.3, 30,		
	218.47, 20,		
	262.47, 20,		
	262.63, 10,		
	342.63, 10,		
	342.8, 0,		
	1782.8, 0,		


EDU657 10
190
143
95
48
0
0 30 60 90 120
EDU657 40
260
195
130
65
0
0 75 150 225 300
Depth (fsw)
EDU657 42
220
165
110
55
0
0 90 180 270 360
EDU657 43
220
165
110
55
0
0 90 180 270 360
Time (min)

SECTION III: REPETITIVE & MULTILEVEL AIR DIVES
E. PARA 135 dives: 7 DCS, 3 Marginal

Profile #6	Profile #9	Profile #13	Profile #15
101.5, 34.5, 2.8,	101.5, 36.4, 3.3,	151.5, 39.8, 132.8,	101.5, 59.9, 112.1,
1.0, 1, 1.0, 36.10, 267.90,	1.0, 1, 1.0, 261.50, 274.50,	1.0, 1, 1.0, 636.40, 1536.40,	1.0, 1, 0.5, 689.70, 929.70,
0.0, 0.0,	0.0, 0.0,	0.0, 0.0,	0.0, 0.0,
1.6, 0.0,	1.0, 0.0,	0.8, 0.0,	1.2, 0.0,
2.9, 6.5,	2.3, 6.5,	5.6, 146.0,	4.7, 96.0,
7.0, 101.5,	2.9, 23.5,	9.3, 146.0,	8.1, 96.0,
36.1, 101.5,	4.6, 23.5,	9.5, 151.5,	8.3, 101.5,
38.9, 0.0,	5.7, 51.5,	40.7, 151.5,	61.1, 101.5,
238.1, 0.0,	6.8, 51.5,	42.6, 31.5,	62.3, 31.5,
239.3, 6.5,	9.4, 101.5,	47.8, 31.5,	67.4, 31.5,
243.3, 101.5,	37.4, 101.5,	48.0, 21.5,	67.7, 21.5,
259.9, 101.5,	40.8, 0.0,	148.0, 21.5,	147.7, 21.5,
262.9, 0.0,	240.4, 0.0,	148.2, 11.5,	147.8, 11.5,
1702.9, 0.0,	241.3, 6.5,	173.3, 11.5,	172.9, 11.5,
	245.0, 101.5,	173.5, 0.0,	173.2, 0.0,
	261.5, 101.5,	263.3, 0.0,	262.9, 0.0,
	264.5, 0.0,	268.1, 146.0,	266.0, 96.0,
	1704.5, 0.0,	271.8, 146.0,	269.0, 96.0,
		272.0, 151.5,	269.2, 101.5,
		293.4, 151.5,	322.3, 101.5,
		295.3, 41.5,	323.3, 41.5,
		300.4, 41.5,	328.5, 41.5,
		300.7, 31.5,	328.7, 31.5,
		345.8, 31.5,	398.8, 31.5,
		346.0, 21.5,	399.0, 21.5,
		491.0, 21.5,	549.0, 21.5,
		491.2, 11.5,	549.2, 11.5,
		516.3, 11.5,	569.3, 11.5,
		516.4, 0.0,	569.7, 0.0,
		1956.4, 0.0,	2009.7, 0.0,

Profile #16

101.5, 59.9, 112.1,
1.0, 1, 1.0, 689.70, 1349.70,
0.0, 0.0,
1.2, 0.0,
4.7, 96.0,
8.1, 96.0,
8.3, 101.5,
61.1, 101.5,
62.3, 31.5,
67.4, 31.5,
67.7, 21.5,
147.7, 21.5,
147.8, 11.5,
172.9, 11.5,
173.2, 0.0,
262.9, 0.0,
266.0, 96.0,
269.0, 96.0,
269.2, 101.5,
322.3, 101.5,
323.3, 41.5,
328.5, 41.5,
328.7, 31.5,
398.8, 31.5,
399.0, 21.5,
549.0, 21.5,
549.2, 11.5,
569.3, 11.5,
569.7, 0.0,
2009.7, 0.0,

Profile # 18

101.5, 59.9, 112.7,
1.0, 1, 1.0, 690.80, 1290.80,
0.0, 0.0,
1.3, 0.0,
4.6, 96.0,
8.8, 96.0,
9.0, 101.5,
61.2, 101.5,
62.3, 31.5,
67.3, 31.5,
67.5, 21.5,
147.7, 21.5,
147.9, 11.5,
172.9, 11.5,
173.8, 0.0,
265.0, 0.0,
268.2, 96.0,
271.6, 96.0,
271.8, 101.5,
324.2, 101.5,
325.3, 41.5,
330.2, 41.5,
330.4, 31.5,
400.3, 31.5,
400.7, 21.5,
550.6, 21.5,
550.8, 11.5,
570.6, 11.5,
570.8, 0.0,
2010.8, 0.0,

Profile #20

101.5, 60.1, 167.1,
1.0, 1, 1.0, 384.80, 755.70,
0.0, 0.0,
3.2, 0.0,
6.3, 96.0,
9.4, 96.0,
9.6, 101.5,
63.3, 101.5,
64.5, 31.5,
69.6, 31.5,
69.8, 21.5,
154.8, 21.5,
155.1, 11.5,
230.1, 11.5,
230.3, 0.0,
320.2, 0.0,
321.7, 46.0,
324.3, 36.0,
328.3, 36.0,
330.3, 96.0,
332.4, 96.0,
332.6, 101.5,
384.8, 101.5,
385.8, 41.5,
390.9, 41.5,
391.1, 31.5,
446.2, 31.5,
446.4, 21.5,
595.3, 21.5,
595.5, 11.5,
665.5, 11.5,
665.7, 0.0,
2105.7, 0.0,

Profile #25

61.5, 60.0, 1.1,
1.0, 1, 1.0, 525.50, 705.50,
0.0, 0.0,
0.7, 0.0,
2.4, 56.0,
5.7, 56.0,
5.9, 61.5,
60.7, 61.5,
61.8, 0.0,
202.0, 0.0,
203.8, 56.0,
206.1, 56.0,
206.2, 61.5,
232.0, 61.5,
233.3, 0.0,
373.4, 0.0,
375.3, 56.0,
377.3, 56.0,
377.5, 61.5,
404.3, 61.5,
405.5, 0.0,
1845.5, 0.0,

Profile #27

```
61.5,   60.1,   1.2,
   1.0,    1,   0.5,  525.80,  705.80,
   0.0,   0.0,
   0.6,   0.0,
   2.4,  56.0,
   5.1,  56.0,
   5.3,  61.5,
  60.7,  61.5,
  61.8,   0.0,
 202.0,   0.0,
 203.8,  56.0,
 206.6,  56.0,
 206.8,  61.5,
 232.0,  61.5,
 233.3,   0.0,
 373.4,   0.0,
 375.2,  57.0,
 377.5,  57.0,
 377.6,  61.5,
 404.5,  61.5,
 405.8,   0.0,
1845.8,   0.0,
```

Profile #36

```
101.5,   25.0,   1.8,
    1.0,    1,   0.5,  531.30,  1371.30,
    0.0,   0.0,
    0.9,   0.0,
    4.0,  96.0,
    6.5,  96.0,
    6.7, 101.5,
   25.9, 101.5,
   27.8,   0.0,
  227.9,   0.0,
  231.0,  96.0,
  233.2,  96.0,
  233.4, 101.5,
  242.9, 101.5,
  244.8,   0.0,
  385.0,   0.0,
  388.1,  96.0,
  390.1,  96.0,
  390.3, 101.5,
  409.5, 101.5,
  411.3,   0.0,
 1851.3,   0.0,
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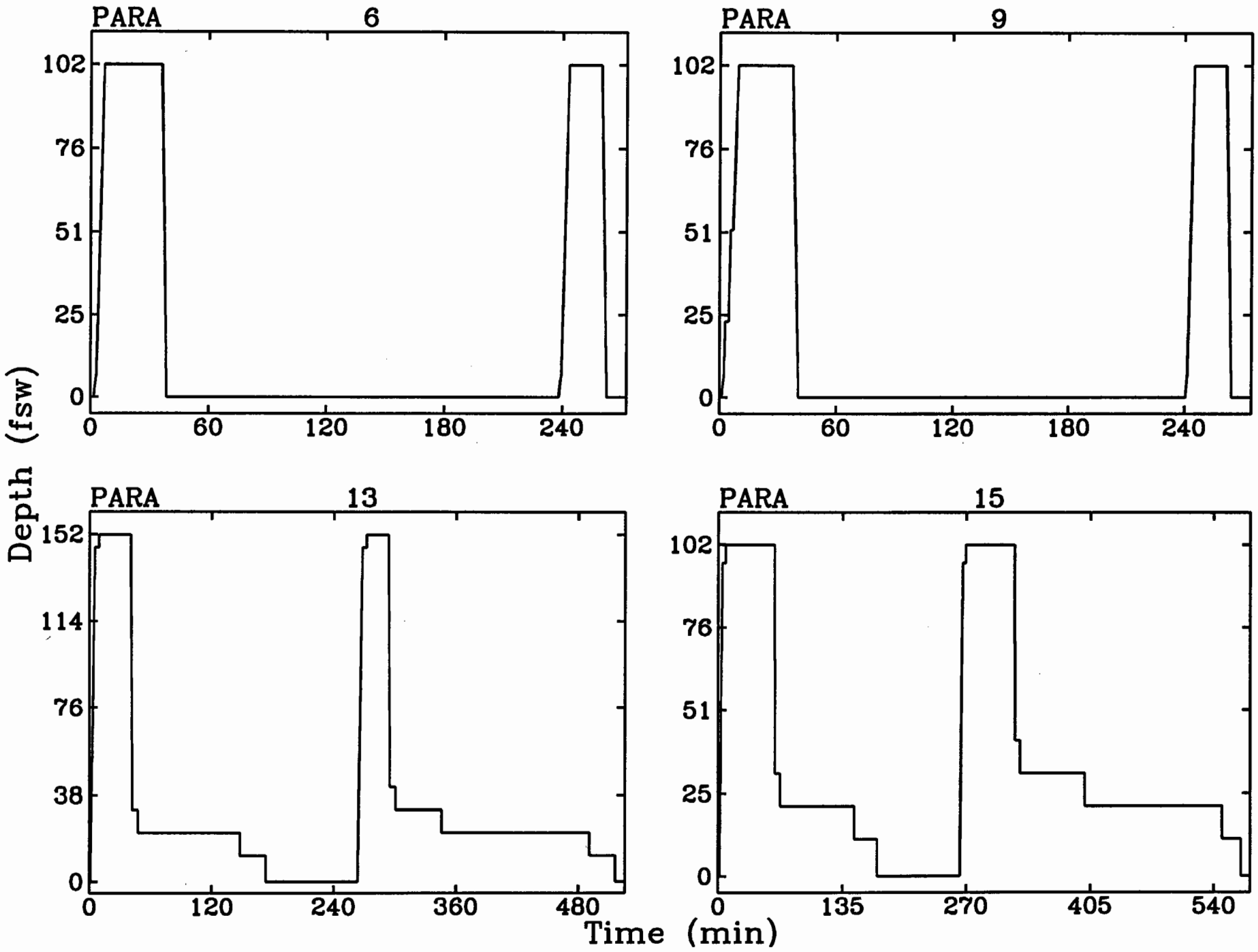
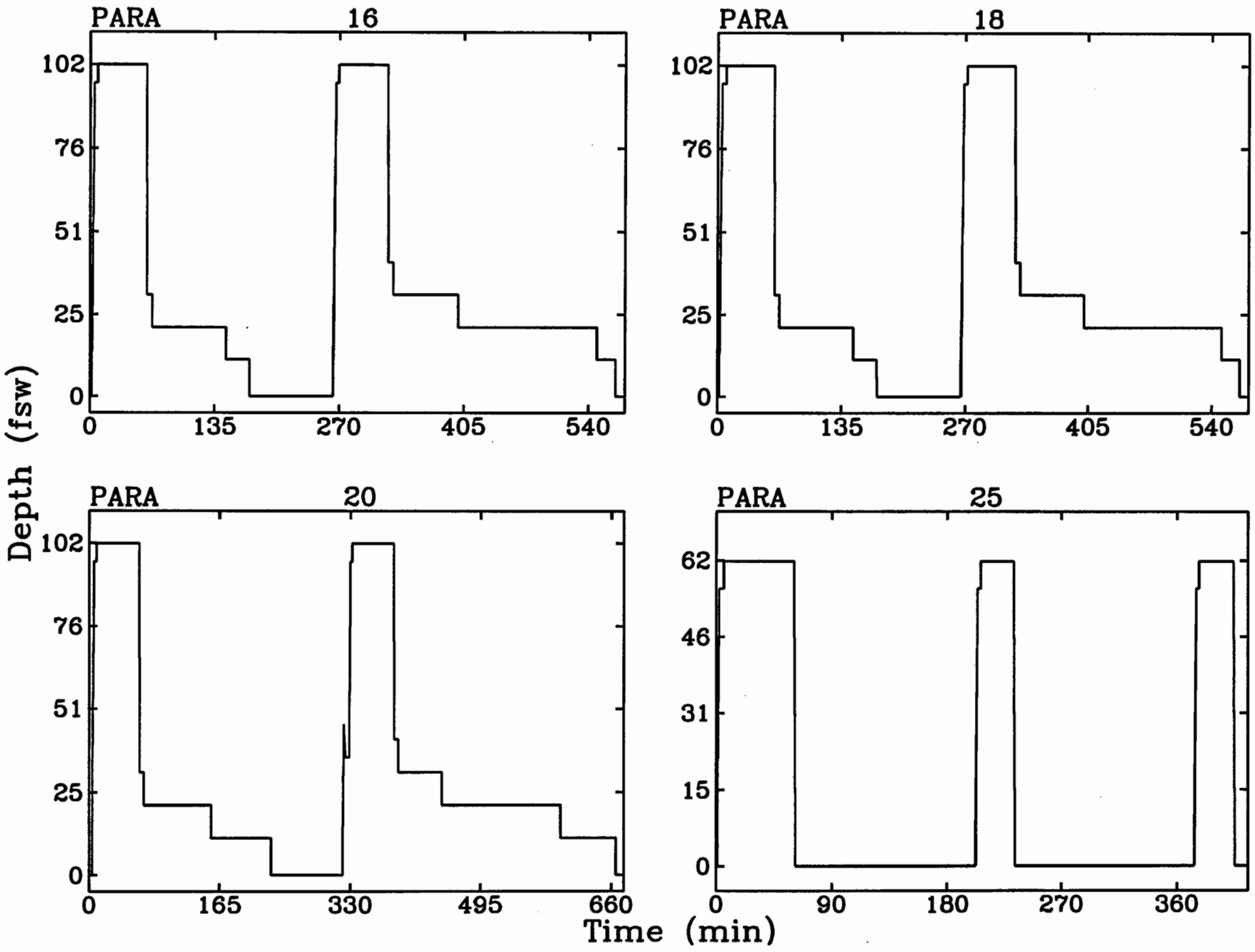
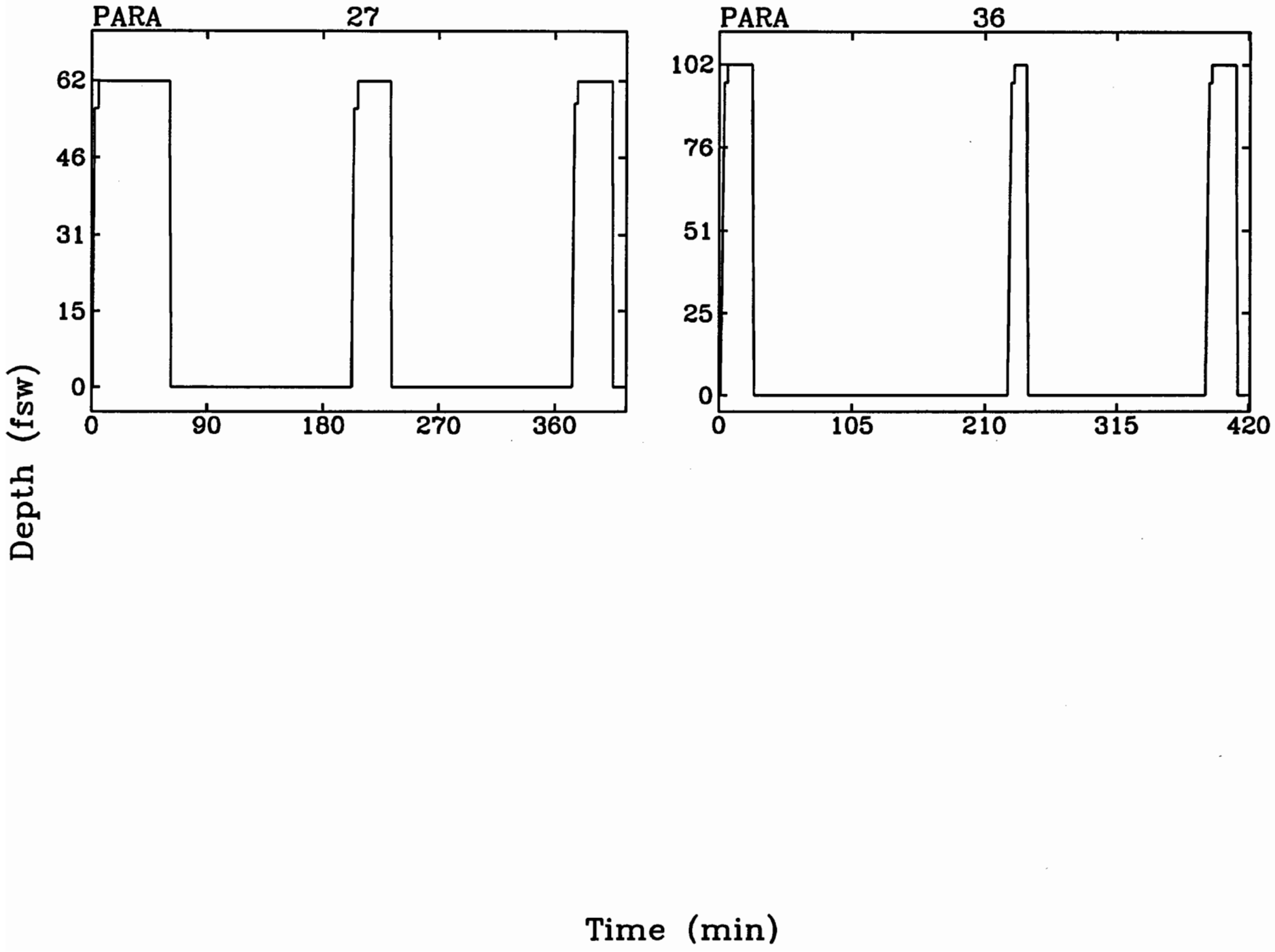

PARA 6
PARA 9
PARA 13
PARA 15
Depth (fsw)
Time (min)
102
76
51
25
0
152
114
38
60
120
180
240
360
480
135
270
405
540

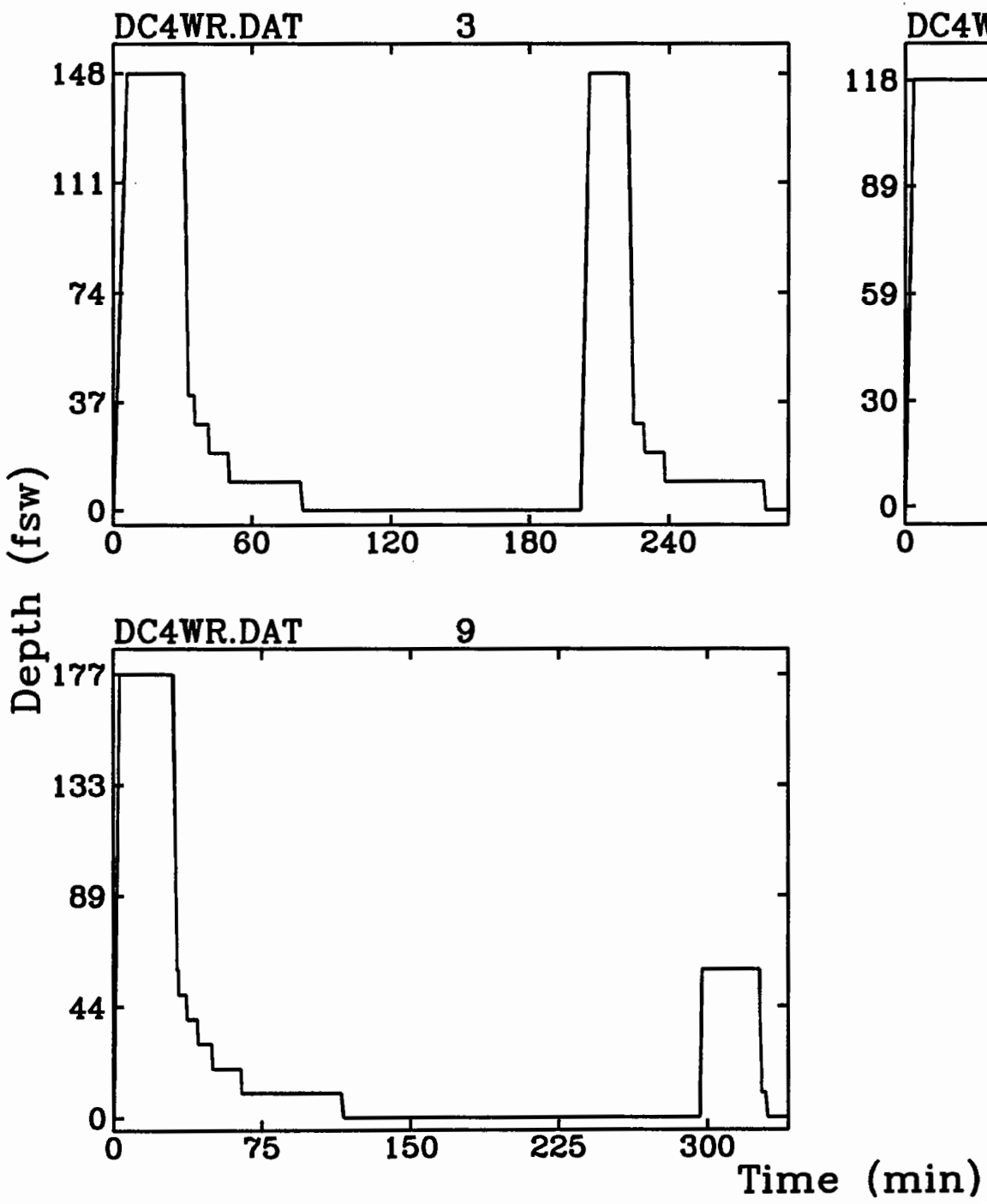

PARA 16
102
76
51
25
0
0
135
270
405
540
PARA 18
102
76
51
25
0
0
135
270
405
540
Depth (fsw)
PARA 20
102
76
51
25
0
0
165
330
495
660
PARA 25
62
46
31
15
0
0
90
180
270
360
Time (min)


PARA 27
62
46
31
15
0
0
90
180
270
360
PARA 36
102
76
51
25
0
0
105
210
315
420
Depth (fsw)
Time (min)

SECTION III: REPETITIVE & MULTILEVEL AIR DIVES

F. DC4WR 12 Dives: 3 DCS, 0 Marginal

Profile #3	Profile #6	Profile #9
150.0, 30.0, 52.0,	120.0, 40.0, 50.3,	180.0, 30.0, 86.2,
1.000, 1.0, 1.0, 229.1, 292.2,	1.000, 1.0, 1.0, 388.0, 868.0,	1.000, 1.0, 1.0, 329.5, 345.6,
0.00, 0.00,	0.00, 0.00,	0.00, 0.00,
6.10, 147.64,	3.40, 118.11,	3.40, 177.17,
30.00, 147.64,	40.00, 118.11,	30.00, 177.17,
32.50, 39.37,	43.50, 29.53,	32.40, 59.06,
34.90, 39.37,	48.10, 29.53,	32.90, 59.06,
35.30, 29.53,	48.50, 19.69,	33.20, 49.21,
41.00, 29.53,	56.70, 19.69,	36.90, 49.21,
41.50, 19.69,	57.40, 9.84,	37.30, 39.37,
49.70, 19.69,	89.30, 9.84,	42.30, 39.37,
50.30, 9.84,	90.30, 0.00,	42.90, 29.53,
80.80, 9.84,	210.00, 0.00,	49.70, 29.53,
82.00, 0.00,	212.00, 118.11,	50.20, 19.69,
202.00, 0.00,	230.00, 118.11,	64.40, 19.69,
205.90, 147.64,	232.50, 19.69,	65.00, 9.84,
222.00, 147.64,	238.50, 19.69,	115.00, 9.84,
225.00, 29.53,	239.00, 9.84,	116.20, 0.00,
229.10, 29.53,	267.20, 9.84,	296.00, 0.00,
229.70, 19.69,	268.20, 0.00,	297.30, 59.06,
237.80, 19.69,	1708.20, 0.00,	326.00, 59.06,
238.40, 9.84,		327.60, 9.84,
281.10, 9.84,		329.50, 9.84,
282.20, 0.00,		330.60, 0.00,
1722.20, 0.00,		1770.60, 0.00,


DC4WR.DAT 3
148
111
74
37
0
0
60
120
180
240
DC4WR.DAT 6
118
89
59
30
0
0
60
120
180
240
DC4WR.DAT 9
177
133
89
44
0
0
75
150
225
300
Depth (fsw)
Time (min)

IV. Repetitive & Multilevel (Non-Air)

SECTION IV: REPETITIVE & MULTILEVEL NON-AIR DIVES

A. EDU184 239 dives: 11 DCS, 0 Marginal

Profile #1	Profile #5	Profile #11	Profile #12
60.0, 75.8, 4.7,	100.0, 22.9, 5.5,	80.0, 47.4, 3.2,	80.0, 47.4, 3.2,
1.000, 1, 1.0, 348.9, 363.5,	1.000, 1, 1.0, 243.0, 258.0,	1.000, 1, 1.0, 360.9, 365.7,	1.000, 1, 1.0, 277.2, 374.7,
0.00, 0, 3.700, 1.00	0.00, 0, 3.700, 1.00	0.00, 0, 3.700, 1.00	0.00, 0, 3.700, 1.00
0.20, 7,	0.20, 7,	0.20, 7,	0.20, 7,
3.00, 7,	2.70, 7,	1.70, 7,	1.70, 7,
4.10, 42,	5.10, 82,	2.30, 19,	2.30, 19,
5.20, 42,	7.20, 82,	4.90, 19,	4.90, 19,
5.70, 60,	7.60, 100,	7.40, 47,	7.40, 47,
75.80, 60,	22.90, 100,	15.20, 47,	15.20, 47,
77.80, 20,	25.40, 30,	16.50, 80,	16.50, 80,
78.90, 10,	26.70, 15,	47.40, 80,	47.40, 80,
79.70, 10,	28.40, 0, 1.000, 1.00	49.10, 20,	49.10, 20,
80.50, 0, 1.000, 1.00	99.90, 0, 3.700, 1.00	50.60, 0, 1.000, 1.00	50.60, 0, 1.000, 1.00
163.80, 0, 3.700, 1.00	100.10, 7,	131.50, 0, 3.700, 1.00	131.50, 0, 3.700, 1.00
164.00, 7,	101.70, 7,	131.70, 7,	131.70, 7,
165.90, 40,	104.30, 100,	132.50, 7,	132.50, 7,
168.30, 40,	121.00, 100,	134.70, 80,	134.70, 80,
168.60, 46,	123.50, 30,	161.70, 80,	161.70, 80,
171.20, 46,	124.90, 15,	163.50, 20,	163.50, 20,
171.50, 60,	126.60, 0, 1.000, 1.00	165.70, 0, 1.000, 1.00	165.70, 0, 1.000, 1.00
215.40, 60,	223.00, 0, 3.700, 1.00	246.40, 0, 3.700, 1.00	246.40, 0, 3.700, 1.00
217.30, 20,	223.20, 7,	246.60, 7,	246.60, 7,
218.40, 10,	226.00, 100,	247.40, 7,	247.40, 7,
219.30, 10,	243.00, 100,	249.40, 80,	249.40, 80,
220.00, 0, 1.000, 1.00	245.00, 19,	273.40, 80,	273.40, 80,
301.00, 0, 3.700, 1.00	246.00, 19,	275.20, 20,	275.20, 20,
301.20, 7,	248.00, 0, 1.000, 1.00	277.20, 0, 1.000, 1.00	277.20, 0, 1.000, 1.00
302.40, 7,	1688.00, 0,	338.00, 0, 3.700, 1.00	338.00, 0, 3.700, 1.00
304.40, 60,		338.20, 7,	338.20, 7,
348.90, 60,		338.90, 7,	338.90, 7,
350.90, 20,		340.90, 80,	340.90, 80,
352.10, 10,		360.90, 80,	360.90, 80,
353.50, 0, 1.000, 1.00		362.70, 20,	362.70, 20,
1793.50, 0,		364.70, 0, 1.000, 1.00	364.70, 0, 1.000, 1.00
		1804.70, 0,	1804.70, 0,

Profile #16

150.0, 30.7, 66.3,
1.000, 1, 1.0, 384.2, 390.2,
0.00, 0, 3.700, 1.00
0.20, 7,
1.30, 7,
5.80, 150,
30.70, 150,
32.80, 80,
34.30, 80,
34.50, 70,
36.50, 70,
36.70, 60,
40.20, 60,
40.50, 50,
44.20, 50,
44.40, 40,
50.00, 40,
50.30, 30,
58.90, 30,
59.10, 20,
69.50, 20,
69.70, 10,
96.60, 10,
97.00, 0, 1.000, 1.00
188.10, 0, 3.700, 1.00
188.30, 7,
189.40, 7,
193.70, 150,
217.80, 150,
220.20, 80,
221.50, 80,
221.70, 70,
223.60, 70,
224.10, 60,
227.40, 60,
227.60, 50,
231.30, 50,
231.70, 40,
236.80, 40,
237.20, 30,
245.80, 30,
246.10, 20,
258.00, 20,
258.40, 10,
299.10, 10,
300.00, 0, 1.000, 1.00
361.00, 0, 3.700, 1.00
361.20, 7,
362.00, 7,
365.00, 100,
378.60, 100,
381.40, 20,
382.00, 11,
384.20, 11,
385.20, 0, 1.000, 1.00
1825.20, 0,

Profile #17

150.0, 30.7, 66.3,
1.000, 1, 1.0, 299.1, 315.0,
0.00, 0, 3.700, 1.00
0.20, 7,
1.30, 7,
5.80, 150,
30.70, 150,
32.80, 80,
34.30, 80,
34.50, 70,
36.50, 70,
36.70, 60,
40.20, 60,
40.50, 50,
44.20, 50,
44.40, 40,
50.00, 40,
50.30, 30,
58.90, 30,
59.10, 20,
69.50, 20,
69.70, 10,
96.60, 10,
97.00, 0, 1.000, 1.00
188.10, 0, 3.700, 1.00
188.30, 7,
189.40, 7,
193.70, 150,
217.80, 150,
220.20, 80,
221.50, 80,
221.70, 70,
223.60, 70,
224.10, 60,
227.40, 60,
227.60, 50,
231.30, 50,
231.70, 40,
236.80, 40,
237.20, 30,
245.80, 30,
246.10, 20,
258.00, 20,
258.40, 10,
299.10, 10,
300.00, 0, 1.000, 1.00
1740.00, 0,

Profile #21

150.0, 42.3, 41.1,
1.000, 1, 1.0, 71.6, 92.9,
0.00, 0, 3.700, 1.00
0.20, 7,
1.60, 7,
2.00, 20,
3.60, 20,
6.30, 26,
9.20, 26,
18.50, 150,
42.30, 150,
44.50, 80,
45.90, 80,
46.10, 70,
48.40, 70,
48.70, 60,
52.10, 60,
52.30, 50,
56.10, 50,
56.30, 40,
62.60, 40,
62.80, 30,
71.60, 30,
71.80, 20,
83.10, 20,
83.40, 11,
92.90, 11,
1532.90, 11,

Profile #22

150.0, 42.3, 41.1,
1.000, 1, 1.0, 322.1, 352.1,
0.00, 0, 3.700, 1.00
0.20, 7,
1.60, 7,
2.00, 20,
3.60, 20,
6.30, 26,
9.20, 26,
18.50, 150,
42.30, 150,
44.50, 80,
45.90, 80,
46.10, 70,
48.40, 70,
48.70, 60,
52.10, 60,
52.30, 50,
56.10, 50,
56.30, 40,
62.60, 40,
62.80, 30,
71.60, 30,
71.80, 20,
83.10, 20,
83.40, 11,
92.90, 11,
97.00, 39,
100.20, 39,
102.40, 11,
119.00, 11,
119.80, 0, 1.000, 1.00
200.60, 0, 3.700, 1.00
200.80, 7,
201.90, 7,
206.30, 150,
230.20, 150,
232.30, 80,
233.80, 80,
233.90, 70,
235.70, 70,
235.90, 60,
239.50, 60,
239.80, 50,
243.50, 50,
243.60, 40,
248.70, 40,
249.00, 30,
257.70, 30,
257.90, 20,
269.70, 20,
270.00, 10,
311.60, 10,
312.10, 0, 1.000, 1.00
1752.10, 0,

Profile #23

150.0, 42.3, 41.1,
1.000, 1, 1.0, 312.1, 407.0,
0.00, 0, 3.700, 1.00
0.20, 7,
1.60, 7,
2.00, 20,
3.60, 20,
6.30, 26,
9.20, 26,
18.50, 150,
42.30, 150,
44.50, 80,
45.90, 80,
46.10, 70,
48.40, 70,
48.70, 60,
52.10, 60,
52.30, 50,
56.10, 50,
56.30, 40,
62.60, 40,
62.80, 30,
71.60, 30,
71.80, 20,
83.10, 20,
83.40, 11,
92.90, 11,
97.00, 39,
100.20, 39,
102.40, 11,
119.00, 11,
119.80, 0, 1.000, 1.00
200.60, 0, 3.700, 1.00
200.80, 7,
201.90, 7,
206.30, 150,
230.20, 150,
232.30, 80,
233.80, 80,
233.90, 70,
235.70, 70,
235.90, 60,
239.50, 60,
239.80, 50,
243.50, 50,
243.60, 40,
248.70, 40,
249.00, 30,
257.70, 30,
257.90, 20,
269.70, 20,
270.00, 10,
311.60, 10,
312.10, 0, 1.000, 1.00
372.90, 0, 3.700, 1.00
(see next column)

Profile #23 (continued)

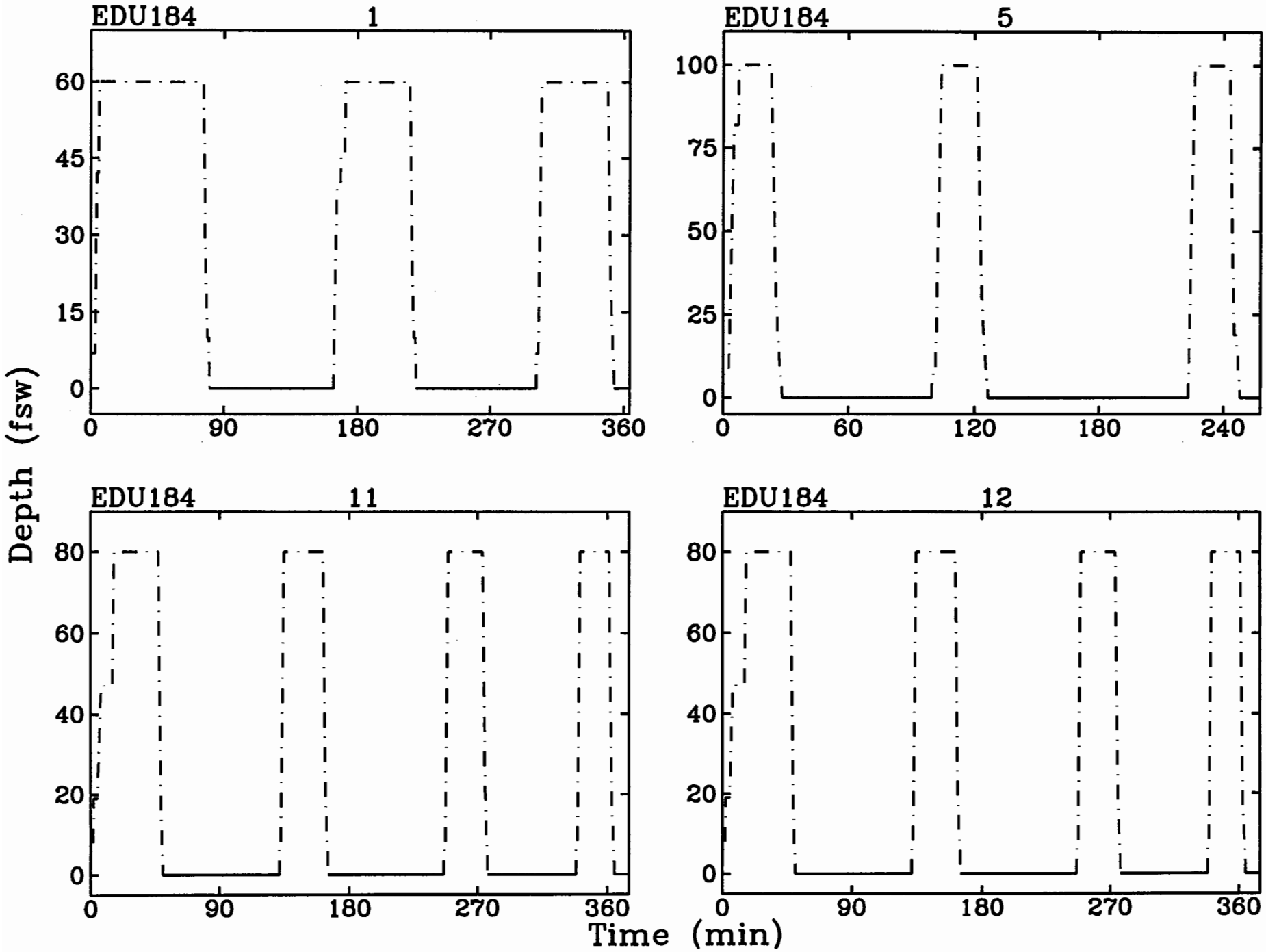
373.10, 7,
377.80, 100,
390.50, 100,
393.70, 11,
396.10, 11,
397.00, 0, 1.000, 1.00
1837.00, 0,

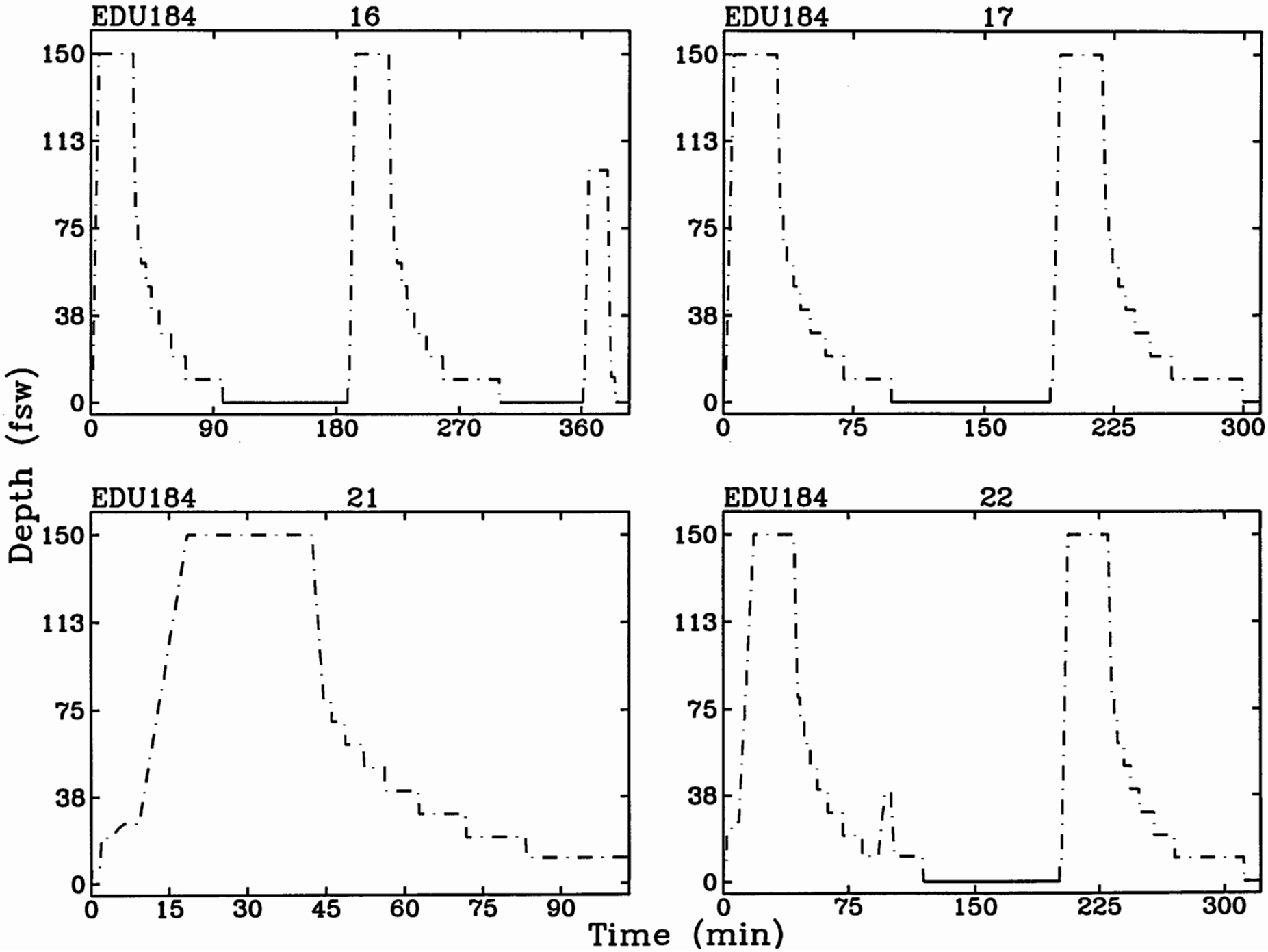
Profile #33

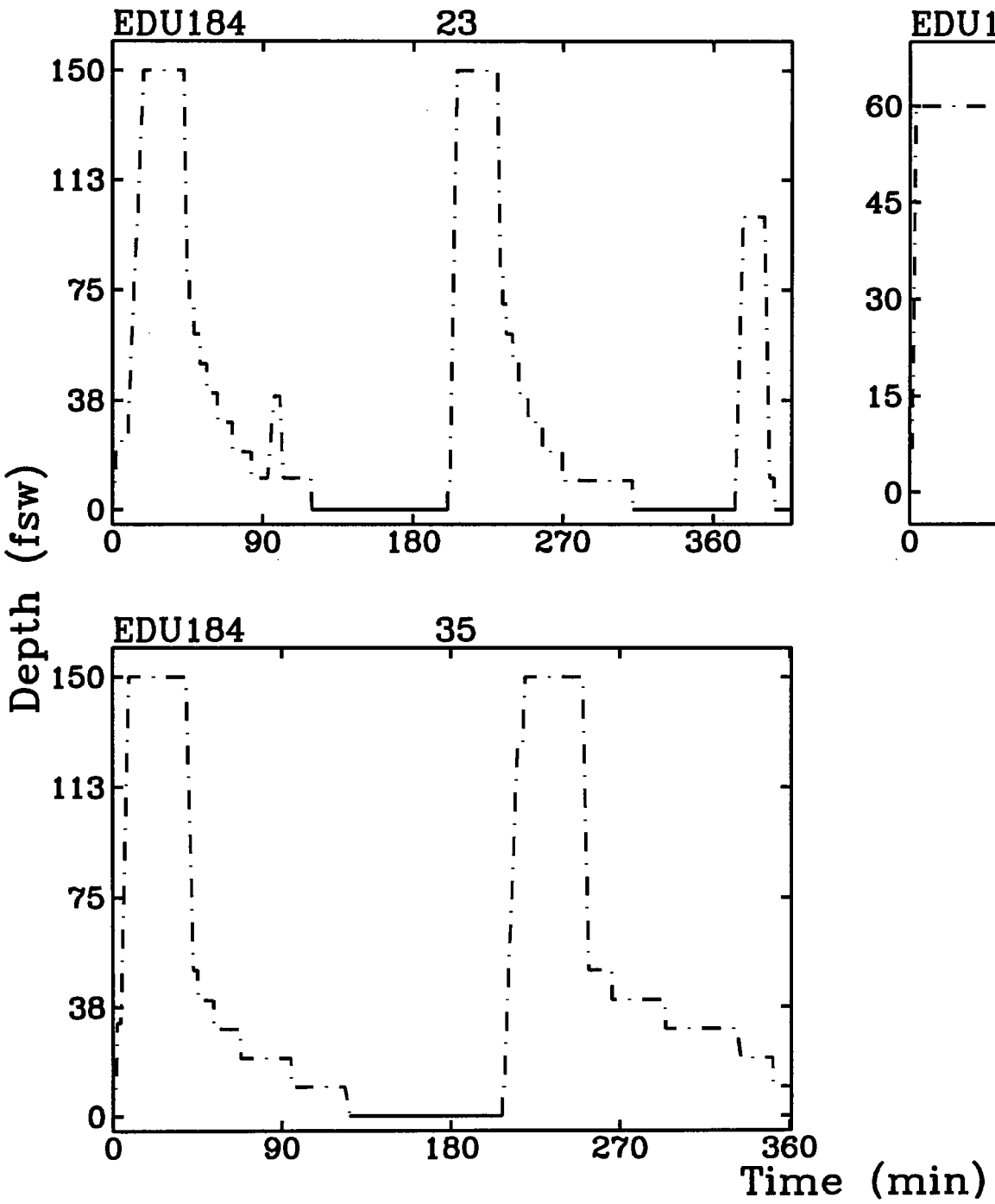
60.0, 85.6, 2.8,
1.000, 1, 1.0, 333.3, 348.3,
0.00, 0, 3.700, 1.00
0.20, 7,
1.30, 7,
2.80, 60,
85.60, 60,
86.70, 20,
88.40, 0, 1.000, 1.00
169.20, 0, 3.700, 1.00
169.40, 7,
170.00, 7,
171.60, 60,
206.20, 60,
207.30, 20,
209.00, 0, 1.000, 1.00
289.70, 0, 3.700, 1.00
289.90, 7,
290.40, 7,
292.10, 60,
320.40, 60,
321.60, 20,
323.30, 0, 1.000, 1.00
1763.30, 0,

Profile #35

150.0, 39.1, 87.1,
1.000, 1, 1.0, 331.7, 355.4,
0.00, 0, 3.700, 1.00
0.20, 7,
1.50, 7,
2.30, 32,
4.20, 32,
8.80, 150,
39.10, 150,
43.10, 50,
45.10, 50,
45.40, 40,
53.70, 40,
54.00, 30,
67.90, 30,
68.30, 20,
94.90, 20,
95.40, 10,
123.40, 10,
126.20, 0, 1.000, 1.00
207.00, 0, 3.700, 1.00
207.20, 7,
207.90, 7,
215.50, 126,
218.20, 126,
219.50, 150,
250.20, 150,
253.30, 50,
265.60, 50,
265.90, 40,
293.90, 40,
294.10, 30,
331.70, 30,
334.00, 20,
350.90, 20,
351.30, 10,
1791.30, 10,


EDU184 1
EDU184 5
EDU184 11
EDU184 12
Depth (fsw)
Time (min)
0
15
30
45
60
25
50
75
100
20
40
80
90
120
180
240
270
360


EDU184 16
EDU184 17
EDU184 21
EDU184 22
Depth (fsw)
Time (min)
150
113
75
38
0
0 90 180 270 360
0 75 150 225 300
0 15 30 45 60 75 90


EDU184 23
150
113
75
38
0
0
90
180
270
360
EDU184 33
60
45
30
15
0
0
75
150
225
300
EDU184 35
150
113
75
38
0
0
90
180
270
360
Depth (fsw)
Time (min)

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SECTION IV: REPETITIVE & MULTILEVEL NON-AIR DIVES
B. PAMLAOS 140 dives: 5 DCS, 3 Marginal

Profile #3	Profile #4	Profile #6	Profile #7
81.5, 242.3, 167.2,	81.5, 242.3, 167.2,	81.5, 242.9, 168.8,	81.5, 242.9, 168.8,
1.0, 1, 1.0, 530.20, 710.20,	1.0, 1, 1.0, 63.00, 129.50,	1.0, 1, 1.0, 532.80, 542.80,	1.0, 1, 1.0, 532.80, 562.80,
0.0, 0.0,	0.0, 0.0,	0.0, 0.0,	0.0, 0.0,
0.7, 0.0,	0.7, 0.0,	1.1, 0.0,	1.1, 0.0,
2.9, 6.5,	2.9, 6.5,	3.8, 6.5,	3.8, 6.5,
4.3, 63.5,	4.3, 63.5,	5.1, 44.5,	5.1, 44.5,
5.3, 63.5,	5.3, 63.5,	6.6, 44.5,	6.6, 44.5,
5.7, 81.5,	5.7, 81.5,	7.8, 81.5,	7.8, 81.5,
63.0, 81.5,	63.0, 81.5,	63.9, 81.5,	63.9, 81.5,
64.1, 41.5,	64.1, 41.5,	64.9, 41.5,	64.9, 41.5,
69.3, 41.5,	69.3, 41.5,	70.2, 41.5,	70.2, 41.5,
69.5, 31.5,	69.5, 31.5,	70.4, 31.5,	70.4, 31.5,
69.9, 31.5, 2.367, 1.0,	69.9, 31.5, 2.367, 1.0,	71.2, 31.5, 2.367, 1.0,	71.2, 31.5, 2.367, 1.0,
173.3, 31.5, 2.210, 1.0,	173.3, 31.5, 2.210, 1.0,	174.3, 31.5, 2.210, 1.0,	174.3, 31.5, 2.210, 1.0,
183.0, 31.5,	183.0, 31.5,	183.9, 31.5,	183.9, 31.5,
183.9, 66.5,	183.9, 66.5,	185.3, 76.5,	185.3, 76.5,
185.2, 66.5,	185.2, 66.5,	187.0, 81.5,	187.0, 81.5,
185.5, 81.5,	185.5, 81.5,	244.0, 81.5,	244.0, 81.5,
243.0, 81.5,	243.0, 81.5,	245.3, 41.5,	245.3, 41.5,
243.8, 41.5,	243.8, 41.5,	250.8, 41.5,	250.8, 41.5,
249.0, 41.5,	249.0, 41.5,	251.7, 21.5,	251.7, 21.5,
249.2, 31.5,	249.2, 31.5,	257.0, 21.5,	257.0, 21.5,
254.3, 31.5,	254.3, 31.5,	257.3, 11.5,	257.3, 11.5,
254.4, 21.5,	254.4, 21.5,	412.5, 11.5,	412.5, 11.5,
259.6, 21.5,	259.6, 21.5,	412.8, 0.0,	412.8, 0.0,
259.8, 11.5,	259.8, 11.5,	1852.8, 0.0,	1852.8, 0.0,
410.0, 11.5,	410.0, 11.5,		
410.2, 0.0,	410.2, 0.0,		
1850.2, 0.0,	1850.2, 0.0,		

Profile #8

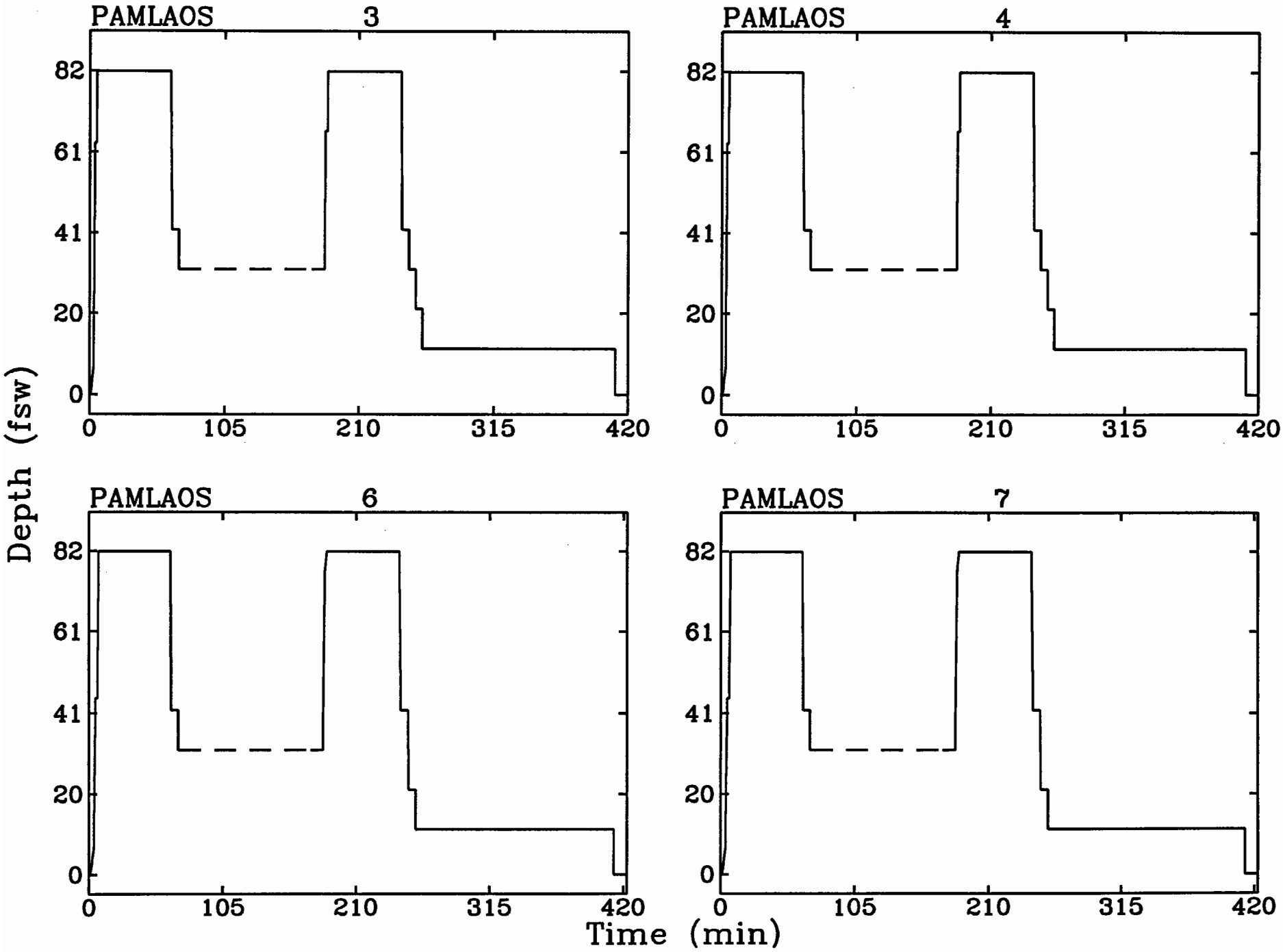
81.5, 242.9, 168.8,
1.0, 1, 1.0, 425.80, 532.80,
0.0, 0.0,
1.1, 0.0,
3.8, 6.5,
5.1, 44.5,
6.6, 44.5,
7.8, 81.5,
63.9, 81.5,
64.9, 41.5,
70.2, 41.5,
70.4, 31.5,
71.2, 31.5, 2.367, 1.0,
174.3, 31.5, 2.210, 1.0,
183.9, 31.5,
185.3, 76.5,
187.0, 81.5,
244.0, 81.5,
245.3, 41.5,
250.8, 41.5,
251.7, 21.5,
257.0, 21.5,
257.3, 11.5,
412.5, 11.5,
412.8, 0.0,
1852.8, 0.0,

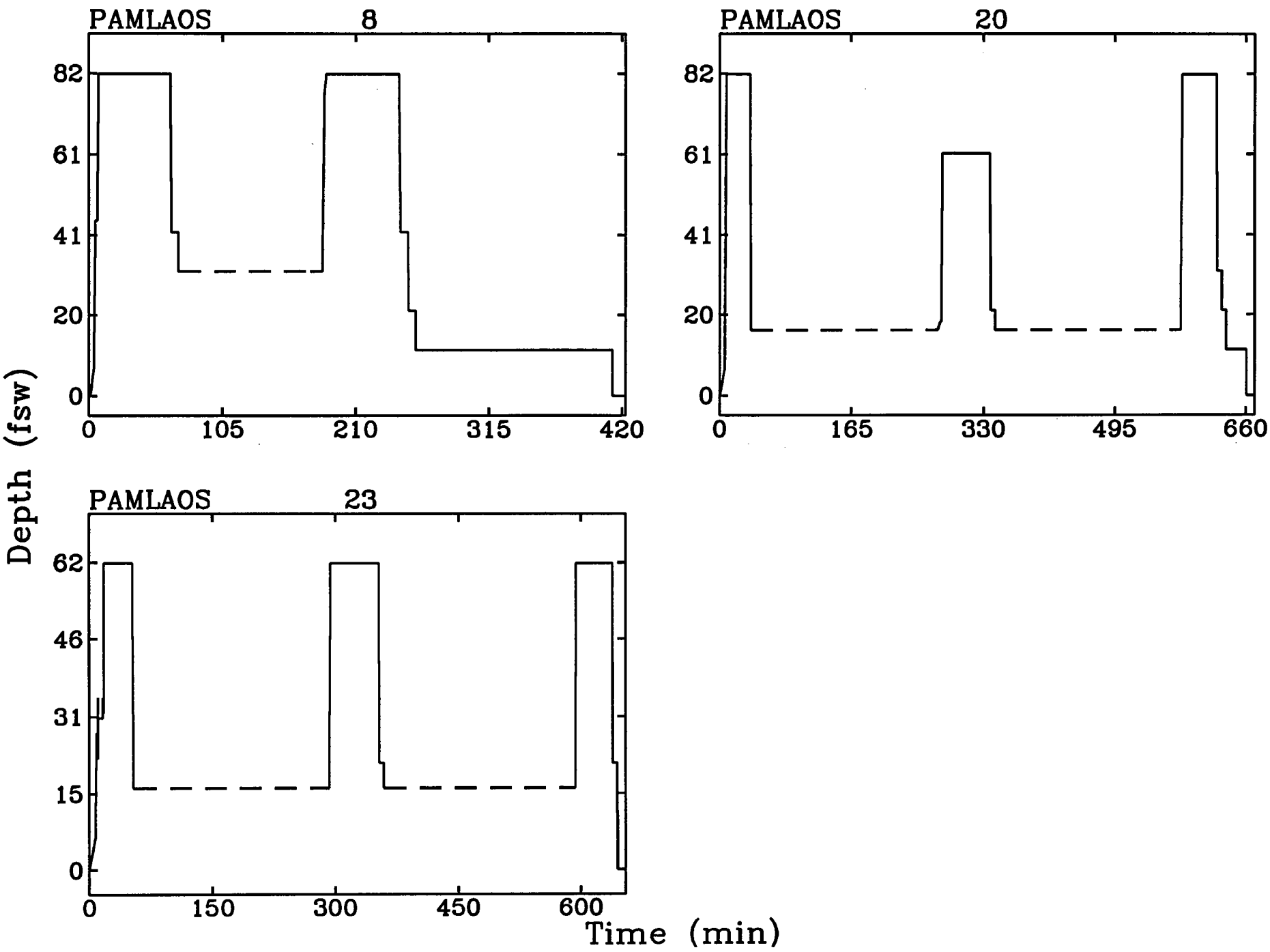
Profile #20

81.5, 622.8, 37.8,
1.0, 2, 0.5, 780.60, 960.60,
0.0, 0.0,
6.2, 6.5,
8.7, 81.5,
37.9, 81.5,
39.3, 16.5,
40.0, 16.5, 2.483, 1.0,
269.0, 16.5, 2.210, 1.0,
273.4, 16.5,
276.7, 18.5,
277.8, 18.5,
279.3, 61.5,
337.8, 61.5,
338.9, 21.5,
344.1, 21.5,
344.3, 16.5,
345.5, 16.5, 2.483, 1.0,
568.2, 16.5, 2.210, 1.0,
577.8, 16.5,
580.1, 81.5,
622.8, 81.5,
624.2, 31.5,
629.3, 31.5,
629.7, 21.5,
634.8, 21.5,
635.2, 11.5,
660.3, 11.5,
660.6, 0.0,
2100.6, 0.0,

Profile #23

61.5, 637.6, 6.8,
1.0, 1, 0.5, 659.30, 764.30,
0.0, 0.0,
7.5, 6.5,
9.1, 27.5,
9.4, 22.5,
10.6, 22.5,
10.8, 34.5,
11.1, 30.5,
16.4, 30.5,
16.6, 34.5,
16.8, 31.5,
17.8, 31.5,
18.3, 61.5,
52.6, 61.5,
54.0, 16.5,
56.3, 16.5, 2.483, 1.0,
282.3, 16.5, 2.210, 1.0,
292.6, 16.5,
294.5, 61.5,
352.6, 61.5,
353.8, 21.5,
358.9, 21.5,
359.1, 16.5,
360.3, 16.5, 2.483, 1.0,
582.6, 16.5, 2.210, 1.0,
592.6, 16.5,
594.0, 61.5,
637.6, 61.5,
638.5, 21.5,
643.7, 21.5,
643.9, 11.5,
644.3, 0.0,
2084.3, 0.0,


PAMLAOS 3
PAMLAOS 4
PAMLAOS 6
PAMLAOS 7
Depth (fsw)
82
61
41
20
0
0
105
210
315
420
Time (min)

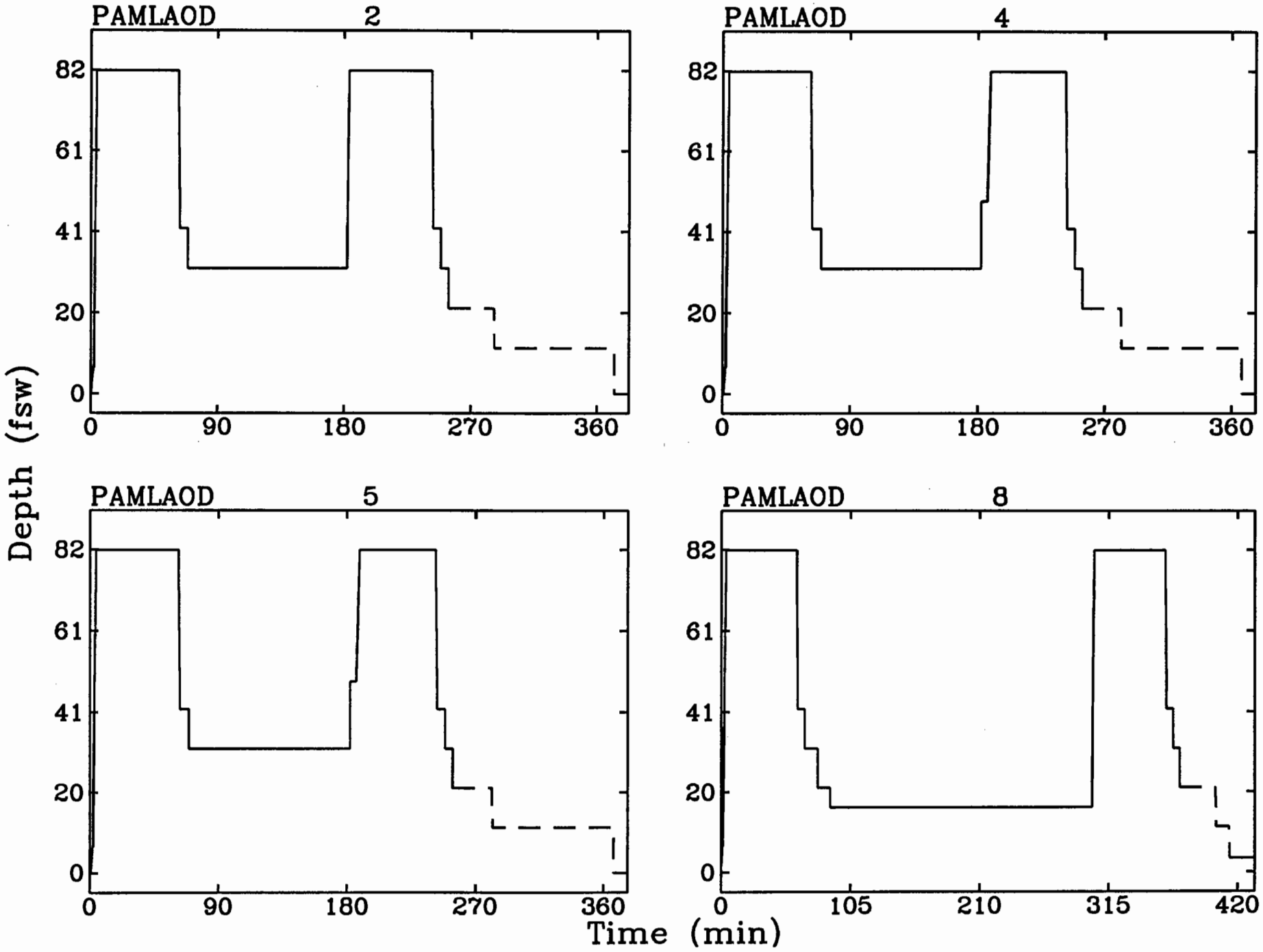

PAMLAOS 8
82
61
41
20
0
0
105
210
315
420
PAMLAOS 20
82
61
41
20
0
0
165
330
495
660
PAMLAOS 23
62
46
31
15
0
0
150
300
450
600
Depth (fsw)
Time (min)

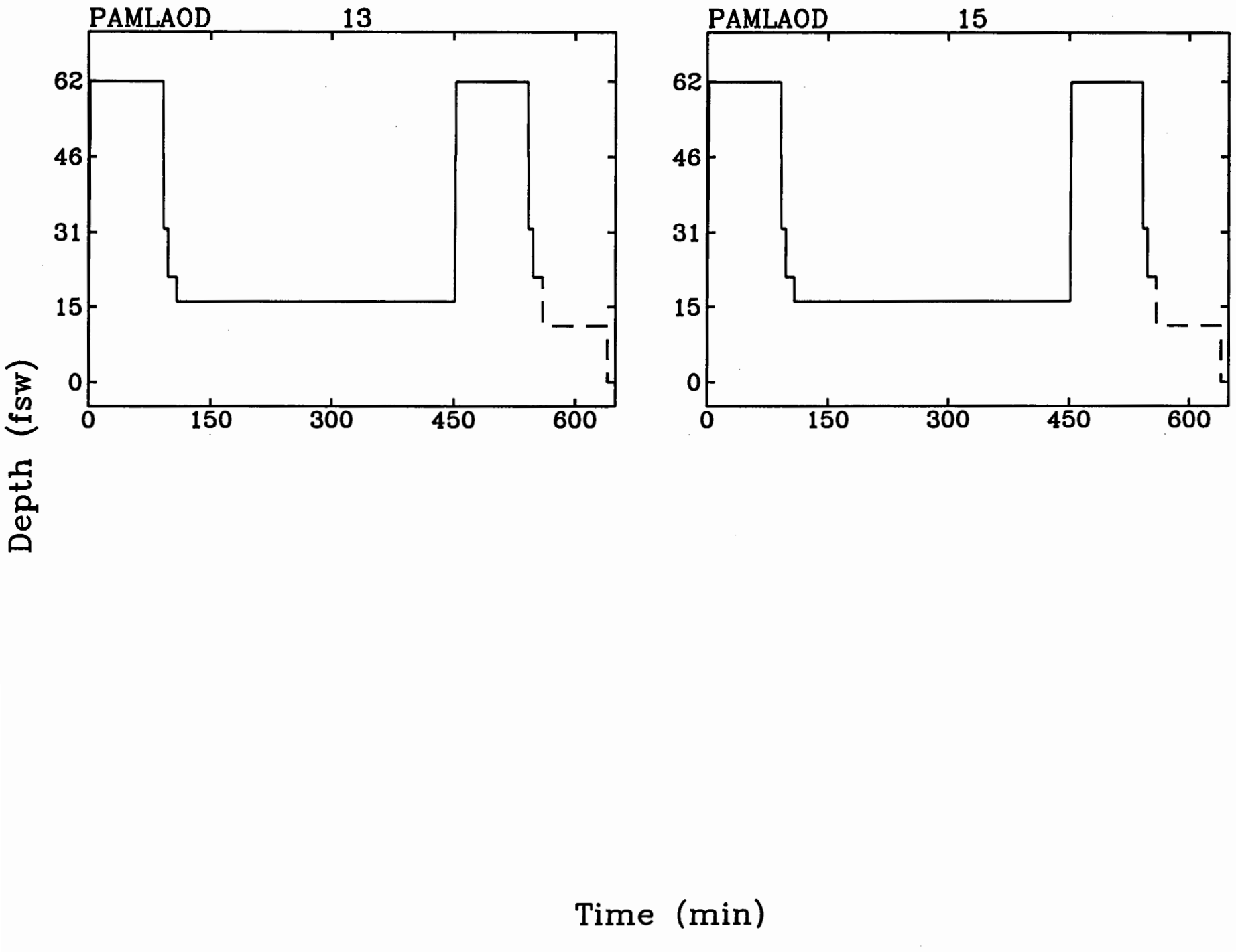
SECTION IV: REPETITIVE & MULTILEVEL NON-AIR DIVES

C. PAMLAOD — 134 dives: 6 DCS, 0 Marginal

Profile #2	Profile #4	Profile #5
81.5, 242.2, 130.3,	81.5, 241.1, 125.1,	81.5, 241.1, 125.1,
1.0, 1, 1.0, 492.50, 1092.50,	1.0, 1, 1.0, 382.20, 537.20,	1.0, 1, 1.0, 381.20, 411.20,
0.0, 0.0,	0.0, 0.0,	0.0, 0.0,
2.0, 6.5,	1.0, 0.0,	1.0, 0.0,
4.2, 81.5,	2.0, 6.5,	2.0, 6.5,
62.2, 81.5,	4.2, 81.5,	4.2, 81.5,
63.3, 41.5,	62.1, 81.5,	62.1, 81.5,
68.6, 41.5,	63.2, 41.5,	63.2, 41.5,
68.8, 31.5,	69.3, 41.5,	69.3, 41.5,
182.1, 31.5,	69.5, 31.5,	69.5, 31.5,
183.5, 81.5,	182.1, 31.5,	182.1, 31.5,
242.2, 81.5,	182.5, 48.5,	182.5, 48.5,
243.5, 41.5,	186.7, 48.5,	186.7, 48.5,
248.7, 41.5,	189.0, 81.5,	189.0, 81.5,
248.9, 31.5,	242.1, 81.5,	242.1, 81.5,
254.2, 31.5,	243.3, 41.5,	243.3, 41.5,
254.5, 21.5,	248.6, 41.5,	248.6, 41.5,
254.9, 21.5, 2.481, 1.0,	248.8, 31.5,	248.8, 31.5,
286.5, 21.5,	254.0, 31.5,	254.0, 31.5,
286.9, 11.5,	254.2, 21.5,	254.2, 21.5,
372.3, 11.5,	254.6, 21.5, 2.481, 1.0,	254.6, 21.5, 2.481, 1.0,
372.5, 0.0, 2.210, 1.0,	281.6, 21.5,	281.6, 21.5,
1812.5, 0.0,	281.8, 11.5,	281.8, 11.5,
	366.9, 11.5,	366.9, 11.5,
	367.2, 0.0, 2.210, 1.0,	367.2, 0.0, 2.210, 1.0,
	1807.2, 0.0,	1807.2, 0.0,

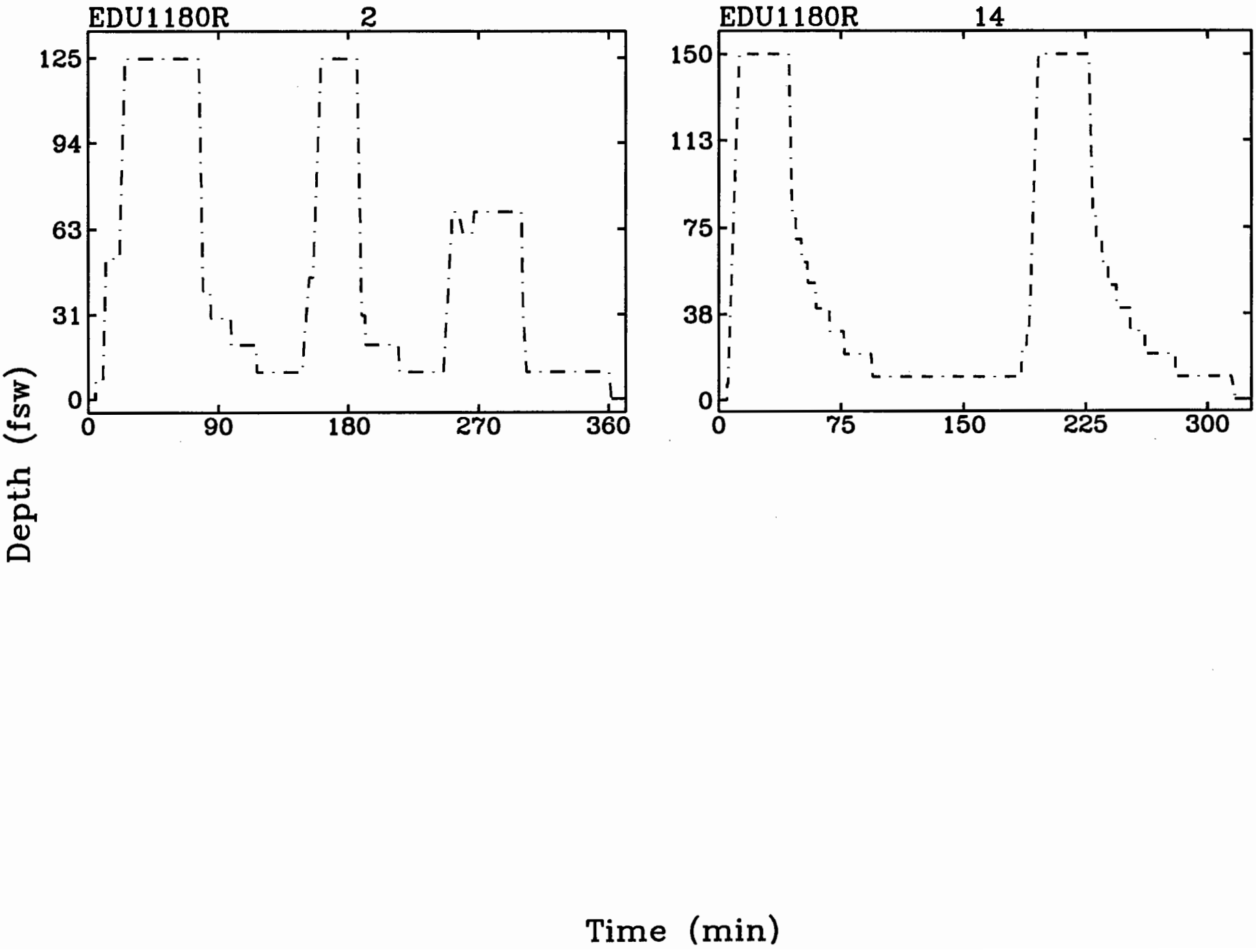
Profile #8	**Profile #13**	**Profile #15**
81.5, 361.1, 97.3, 1.0, 1, 1.0, 372.80, 412.80, 0.0, 0.0, 1.0, 6.5, 3.8, 81.5, 61.2, 81.5, 62.3, 41.5, 67.5, 41.5, 67.8, 31.5, 78.0, 31.5, 78.3, 21.5, 88.4, 21.5, 88.7, 16.5, 301.2, 16.5, 303.1, 81.5, 361.1, 81.5, 362.3, 41.5, 367.4, 41.5, 367.7, 31.5, 372.8, 31.5, 373.1, 21.5, 373.4, 21.5, 2.481, 1.0, 402.0, 21.5, 402.8, 11.5, 412.8, 11.5, 413.5, 3.5, 2.210, 1.0, 423.5, 3.5, 1863.5, 3.5,	61.5, 540.9, 99.1, 1.0, 1, 1.0, 760.00, 910.00, 0.0, 0.0, 2.8, 61.5, 90.9, 61.5, 92.1, 31.5, 97.3, 31.5, 97.5, 21.5, 107.8, 21.5, 108.0, 16.5, 450.9, 16.5, 452.6, 61.5, 540.9, 61.5, 542.0, 31.5, 547.2, 31.5, 547.5, 21.5, 547.7, 21.5, 2.481, 1.0, 559.3, 21.5, 559.6, 11.5, 639.8, 11.5, 640.0, 0.0, 2.210, 1.0, 2080.0, 0.0,	61.5, 541.2, 98.0, 1.0, 1, 1.0, 759.20, 1369.20, 0.0, 0.0, 2.8, 61.5, 91.3, 61.5, 92.4, 31.5, 97.5, 31.5, 97.8, 21.5, 108.1, 21.5, 108.3, 16.5, 451.2, 16.5, 452.6, 61.5, 541.2, 61.5, 542.2, 31.5, 547.3, 31.5, 547.6, 21.5, 548.2, 21.5, 2.481, 1.0, 558.4, 21.5, 558.8, 11.5, 638.8, 11.5, 639.2, 0.0, 2.210, 1.0, 2079.2, 0.0,.


PAMLAOD 2
PAMLAOD 4
PAMLAOD 5
PAMLAOD 8
Depth (fsw)
Time (min)
82
61
41
20
0
0
90
180
270
360
105
210
315
420


PAMLAOD 13
PAMLAOD 15
62
46
31
15
0
0
150
300
450
600
Depth (fsw)
Time (min)

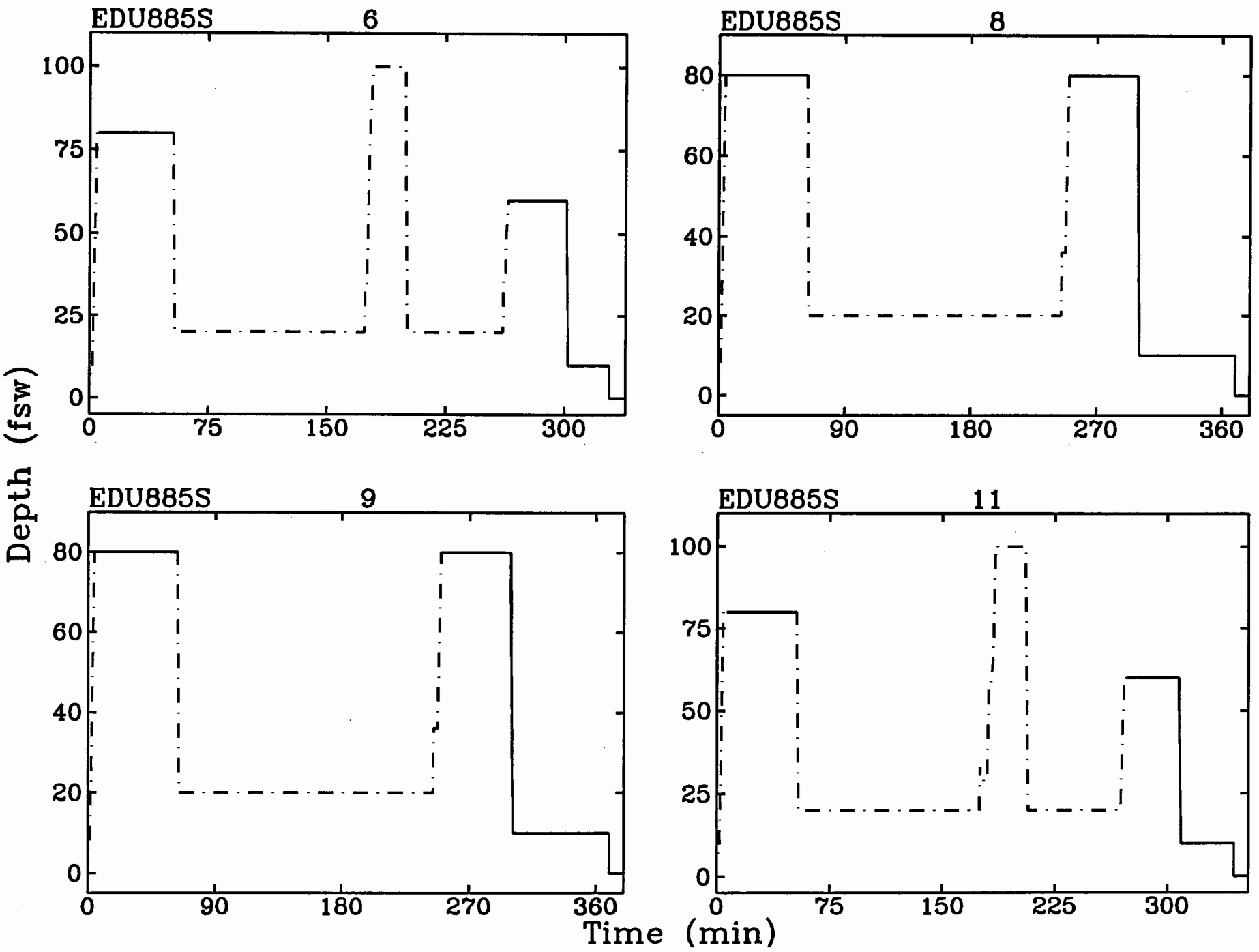
SECTION IV: REPETITIVE & MULTILEVEL NON-AIR DIVES
D. EDU1180R 128 dives: 2 DCS, 0 Marginal

Profile #2	Profile #14
125.0, 71.3, 40.5, 1.000, 1, 1.0, 482.0, 722.0, 0.00, 0, 3.700, 1.00 5.00, 0, 5.10, 7, 10.10, 7, 12.40, 52, 21.50, 52, 25.30, 125, 76.30, 125, 79.30, 40, 84.30, 40, 84.90, 30, 98.50, 30, 98.80, 20, 116.10, 20, 116.80, 10, 148.10, 10, 152.90, 45, 155.50, 45, 161.40, 125, 185.90, 125, 189.10, 31, 191.40, 31, 191.90, 20, 214.10, 20, 215.20, 10, 245.50, 10, 251.80, 69, 255.40, 69, 259.10, 61, 265.40, 61, 266.80, 69, 299.50, 69, 300.80, 30, 303.00, 10, 360.10, 10, 362.00, 0, 1.000, 1.00 1802.00, 0,	150.0, 37.9, 51.5, 1.000, 1, 1.0, 347.0, 437.0, 0.00, 0, 3.600, 1.00 5.00, 0, 5.10, 7, 5.60, 7, 12.50, 150, 42.90, 150, 44.70, 90, 45.30, 80, 47.10, 80, 47.30, 70, 50.60, 70, 50.90, 60, 54.30, 60, 54.50, 51, 59.40, 51, 59.70, 40, 67.70, 40, 68.10, 30, 76.60, 30, 77.00, 20, 93.40, 20, 94.40, 10, 185.40, 10, 186.00, 24, 188.60, 24, 189.00, 30, 190.20, 30, 196.00, 150, 226.90, 150, 229.00, 90, 229.40, 81, 231.20, 81, 231.40, 70, 234.90, 70, 235.20, 60, 238.60, 60, 238.80, 50, 243.80, 50, 244.00, 40, 252.20, 40, 252.50, 30, 261.10, 30, 261.50, 20, 279.80, 20, 280.80, 10, 314.70, 10, 317.00, 0, 1.000, 1.00 1757.00, 0,


EDU1180R 2
125
94
63
31
0
0
90
180
270
360
EDU1180R 14
150
113
75
38
0
0
75
150
225
300
Depth (fsw)
Time (min)

SECTION IV: REPETITIVE & MULTILEVEL NON-AIR DIVES
E. EDU885S 94 dives: 4 DCS, 0 Marginal

Profile #6	Profile #8	Profile #9	Profile #11
80.0, 52.5, 1.2, 1.000, 1, 1.0, 449.0, 569.0, 0.00, 0.00, 3.700, 1.00 0.20, 7.00, 1.80, 7.00, 4.40, 80.00, 5.50, 80.00, 1.000, 1.00 51.00, 80.00, 3.700, 1.00 52.50, 80.00, 53.70, 20.00, 173.80, 20.00, 174.20, 34.00, 175.30, 34.00, 176.90, 78.00, 179.20, 100.00, 199.30, 100.00, 200.80, 20.00, 261.00, 20.00, 261.40, 36.00, 262.40, 36.00, 263.00, 50.00, 264.40, 60.00, 265.60, 60.00, 1.000, 1.00, 301.10, 60.00, 302.40, 10.00, 328.60, 10.00, 328.80, 0.00, 1768.80, 0,	80.0, 63.1, 1.2, 1.000, 1, 1.0, 490.0, 1210.0 0.00, 0.00, 3.700, 1.00 0.20, 7.00, 1.50, 7.00, 4.30, 80.00, 6.60, 80.00, 1.000, 1.00 62.10, 80.00, 3.700, 1.00 63.10, 80.00, 64.30, 20.00, 244.50, 20.00, 245.10, 36.00, 247.60, 36.00, 250.00, 80.00, 252.60, 80.00, 1.000, 1.00 299.00, 80.00, 300.80, 10.00, 369.30, 10.00, 369.70, 0.00, 1809.70, 0.00,	80.0, 63.1, 1.2, 1.000, 1, 1.0, 490.0, 4690.0 0.00, 0.00, 3.700, 1.00 0.20, 7.00, 1.50, 7.00, 4.30, 80.00, 6.60, 80.00, 1.000, 1.00 62.10, 80.00, 3.700, 1.00 63.10, 80.00, 64.30, 20.00, 244.50, 20.00, 245.10, 36.00, 247.60, 36.00, 250.00, 80.00, 252.60, 80.00, 1.000, 1.00 299.00, 80.00, 300.80, 10.00, 369.30, 10.00, 369.70, 0.00, 1809.70, 0.00,	80.0, 52.9, 1.3, 1.000, 1, 1.0, 374.4, 464.4 0.00, 0.00, 3.700, 1.00 0.20, 7.00, 1.60, 7.00, 4.00, 80.00, 6.60, 80.00, 1.000, 1.00 51.90, 80.00, 3.700, 1.00 52.90, 80.00, 54.20, 20.00, 174.50, 20.00, 175.10, 33.00, 175.70, 29.00, 179.80, 29.00, 180.90, 57.00, 181.90, 57.00, 183.60, 65.00, 185.40, 100.00, 205.40, 100.00, 207.20, 20.00, 268.50, 20.00, 271.10, 60.00, 272.80, 60.00, 1.000, 1.00 307.60, 60.00, 309.10, 10.00, 344.00, 10.00, 344.40, 0.00, 1784.40, 0.00,

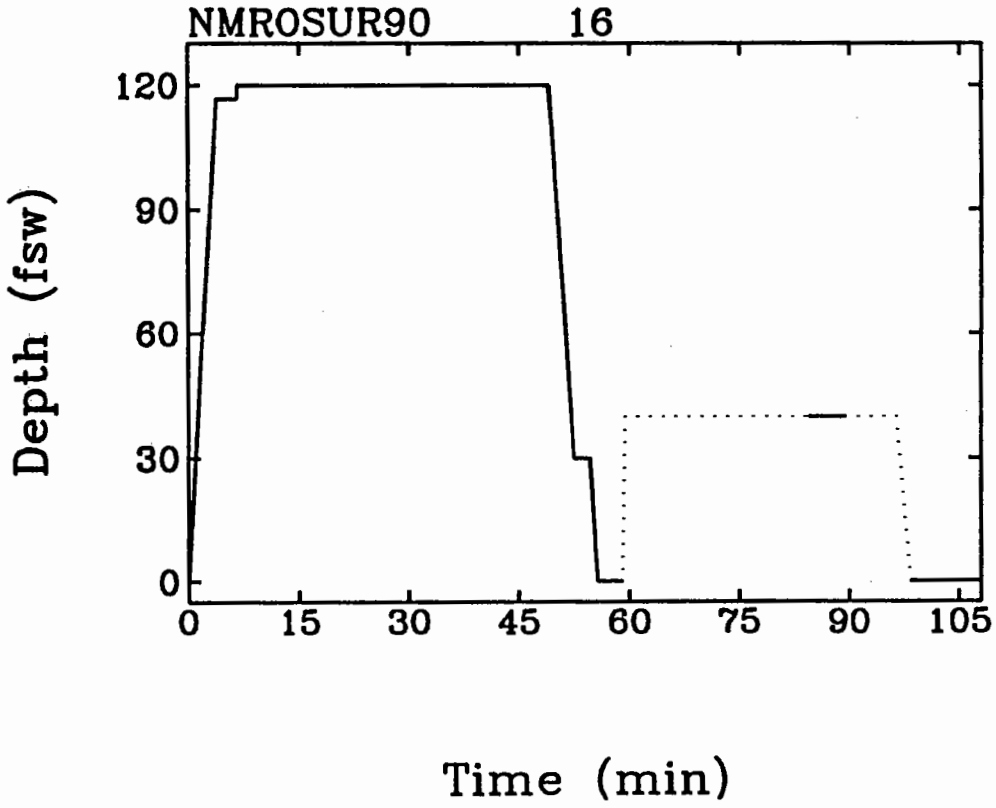

EDU885S 6
EDU885S 8
EDU885S 9
EDU885S 11
Depth (fsw)
Time (min)

SECTION IX: SURFACE DECOMPRESSION (OXYGEN)

D. NMROSUR90 45 dives; 1 DCS, 0 Marginal

Profile #16

```
120.0,   49.0,   49.4,
   1.0,   1,      1.0,   108.40,   148.40,
   0.0,   0.0,
   1.9,   60.0,
   3.9,   116.8,
   6.6,   116.8,
   6.7,   120.0,
  49.0,   120.0,
  50.2,   90.0,
  52.5,   30.0,
  54.6,   30.0,
  55.7,   0.0,
  59.0,   0.0,  2.98,  1.0,
  59.4,   40.0,
  84.5,   40.0,  2.21,  1.0,
  89.5,   40.0,  2.98,  1.0,
  96.5,   40.0,
  98.4,   0.0,  2.21,  1.0,
1538.4,   0.0,
```



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SECTION V: AIR AND OXYGEN DECOMPRESSION

A. NMR94EOD 284 dives: 17 DCS, 9 Marginal

Profile #9	Profile #11	Profile #15	Profile #23
60.0, 239.9, 75.1, 1.0, 1, 1.0, 346.10, 436.10, 0.0, 0.0, 1.3, 0.0, 3.3, 60.0, 241.2, 60.0, 241.6, 40.0, 242.2, 40.0, 2.980, 1.0, 267.3, 40.0, 2.210, 1.0, 272.3, 40.0, 2.980, 1.0, 297.4, 40.0, 2.210, 1.0, 302.5, 40.0, 2.980, 1.0, 313.5, 40.0, 314.0, 20.0, 314.4, 10.0, 315.1, 2.0, 315.9, 2.0, 316.1, 0.0, 2.210, 1.0, 1756.1, 0.0,	60.0, 239.9, 74.4, 1.0, 1, 0.5, 435.60, 915.60, 0.0, 0.0, 1.3, 0.0, 3.3, 60.0, 241.2, 60.0, 241.5, 40.0, 242.1, 40.0, 2.980, 1.0, 267.1, 40.0, 2.210, 1.0, 272.2, 40.0, 2.980, 1.0, 297.2, 40.0, 2.210, 1.0, 302.3, 40.0, 2.980, 1.0, 313.1, 40.0, 313.6, 20.0, 313.9, 10.0, 314.6, 2.0, 315.6, 0.0, 2.210, 1.0, 1755.7, 0.0,	60.0, 240.0, 73.0, 1.0, 1, 1.0, 344.20, 402.20, 0.0, 0.0, 1.2, 0.0, 3.2, 60.0, 241.2, 60.0, 241.7, 40.0, 242.1, 40.0, 2.980, 1.0, 267.1, 40.0, 2.210, 1.0, 272.2, 40.0, 2.980, 1.0, 297.3, 40.0, 2.210, 1.0, 302.2, 40.0, 2.980, 1.0, 312.8, 40.0, 313.5, 10.0, 314.2, 0.0, 2.210, 1.0, 1754.2, 0.0,	60.0, 180.0, 24.1, 1.0, 1, 1.0, 215.30, 286.30, 0.0, 0.0, 1.3, 0.0, 3.6, 60.0, 181.3, 60.0, 181.5, 40.0, 182.0, 40.0, 2.980, 1.0, 203.3, 40.0, 203.7, 20.0, 204.1, 10.0, 204.6, 2.0, 205.3, 0.0, 2.210, 1.0, 1645.3, 0.0,
Profile #24	**Profile #25**	**Profile #27**	**Profile #28**
60.0, 180.0, 24.1, 1.0, 1, 0.5, 325.30, 685.30, 0.0, 0.0, 1.3, 0.0, 3.6, 60.0, 181.3, 60.0, 181.5, 40.0, 182.0, 40.0, 2.980, 1.0, 203.3, 40.0, 203.7, 20.0, 204.1, 10.0, 204.6, 2.0, 205.3, 0.0, 2.210, 1.0, 1645.3, 0.0,	60.0, 180.0, 24.1, 1.0, 1, 0.5, 0.0, 0.0, 0.0, 0.0, 1.3, 0.0, 3.6, 60.0, 181.3, 60.0, 181.5, 40.0, 182.0, 40.0, 2.980, 1.0, 203.3, 40.0, 203.7, 20.0, 204.1, 10.0, 204.6, 2.0, 205.3, 0.0, 2.210, 1.0, 1645.3, 0.0,	60.0, 180.2, 24.0, 1.0, 1, 1.0, 325.20, 434.20, 0.0, 0.0, 1.0, 0.0, 3.3, 60.0, 181.2, 60.0, 181.4, 40.0, 182.0, 40.0, 2.980, 1.0, 203.3, 40.0, 203.7, 20.0, 204.0, 10.0, 204.5, 2.0, 205.2, 0.0, 2.210, 1.0, 1645.3, 0.0,	60.0, 180.2, 24.0, 1.0, 1, 1.0, 325.20, 1225.20, 0.0, 0.0, 1.0, 0.0, 3.3, 60.0, 181.2, 60.0, 181.4, 40.0, 182.0, 40.0, 2.980, 1.0, 203.3, 40.0, 203.7, 20.0, 204.0, 10.0, 204.5, 2.0, 205.2, 0.0, 2.210, 1.0, 1645.3, 0.0,

Profile #30

60.0, 179.9, 24.2,
1.0, 1, 0.5, 325.40, 1285.40,
0.0, 0.0,
1.3, 0.0,
3.1, 60.0,
181.2, 60.0,
181.4, 40.0,
181.9, 40.0, 2.980, 1.0,
203.3, 40.0,
203.7, 20.0,
204.0, 10.0,
204.5, 2.0,
205.4, 0.0, 2.210, 1.0,
1645.4, 0.0,

Profile #33

60.0, 180.0, 23.8,
1.0, 1, 0.5, 215.00, 325.00,
0.0, 0.0,
1.2, 0.0,
2.8, 50.0,
3.1, 60.0,
181.2, 60.0,
181.5, 38.7,
181.8, 40.1, 2.980, 1.0,
191.7, 40.1,
203.1, 40.1,
203.3, 40.0,
203.5, 20.0,
203.8, 10.0,
204.3, 2.0,
205.0, 0.0, 2.210, 1.0,
1645.0, 0.0,

Profile #37

60.0, 180.0, 24.6,
1.0, 1, 1.0, 181.20, 1456.80,
0.0, 0.0,
1.2, 0.0,
3.2, 60.0,
181.2, 60.0,
181.5, 40.0,
182.2, 40.0, 2.980, 1.0,
203.5, 40.0,
203.9, 20.0,
204.3, 10.0,
204.8, 2.0,
205.8, 0.0, 2.210, 1.0,
1645.8, 0.0,

Profile #40

150.0, 59.9, 47.0,
1.0, 1, 1.0, 138.20, 225.20,
0.0, 0.0,
1.3, 0.0,
6.2, 151.0,
6.8, 150.0,
61.2, 150.0,
61.8, 100.0,
62.3, 70.0,
67.4, 70.0,
67.6, 60.0,
68.0, 60.0, 2.980, 1.0,
93.1, 60.0, 2.210, 1.0,
98.1, 60.0, 2.980, 1.0,
106.0, 60.0,
106.3, 40.0,
107.3, 10.0,
107.5, 5.0,
108.2, 0.0, 2.210, 1.0,
1548.2, 0.0,

Profile #41

150.0, 59.9, 47.0,
1.0, 1, 1.0, 228.20, 378.20,
0.0, 0.0,
1.3, 0.0,
6.2, 151.0,
6.8, 150.0,
61.2, 150.0,
61.8, 100.0,
62.3, 70.0,
67.4, 70.0,
67.6, 60.0,
68.0, 60.0, 2.980, 1.0,
93.1, 60.0, 2.210, 1.0,
98.1, 60.0, 2.980, 1.0,
106.0, 60.0,
106.3, 40.0,
107.3, 10.0,
107.5, 5.0,
108.2, 0.0, 2.210, 1.0,
1548.2, 0.0,

Profile #43

150.0, 60.0, 48.3,
1.0, 1, 1.0, 106.90, 146.40,
0.0, 0.0,
1.2, 0.0,
6.2, 150.0,
61.2, 150.0,
62.8, 70.0,
68.0, 70.0,
68.2, 60.0,
68.4, 60.0, 2.980, 1.0,
93.7, 60.0, 2.210, 1.0,
98.7, 60.0, 2.980, 1.0,
106.9, 60.0,
107.3, 40.0,
107.8, 20.0,
108.1, 10.0,
108.8, 2.0,
109.4, 0.0, 2.210, 1.0,
1549.6, 0.0,

Profile #44

150.0, 60.0, 48.3,
1.0, 1, 1.0, 106.90, 139.40,
0.0, 0.0,
1.2, 0.0,
6.2, 150.0,
61.2, 150.0,
62.8, 70.0,
68.0, 70.0,
68.2, 60.0,
68.4, 60.0, 2.980, 1.0,
93.7, 60.0, 2.210, 1.0,
98.7, 60.0, 2.980, 1.0,
106.9, 60.0,
107.3, 40.0,
107.8, 20.0,
108.1, 10.0,
108.8, 2.0,
109.4, 0.0, 2.210, 1.0,
1549.6, 0.0,

Profile #46

150.0, 59.9, 63.3,
1.0, 1, 1.0, 244.40, 964.40,
0.0, 0.0,
1.2, 0.0,
6.3, 150.0,
61.1, 150.0,
62.1, 100.0,
62.7, 70.0,
67.8, 70.0,
68.0, 60.0,
68.5, 60.0, 2.980, 1.0,
93.7, 60.0, 2.210, 1.0,
98.8, 60.0, 2.980, 1.0,
121.9, 60.0,
122.2, 40.0,
122.7, 20.0,
123.1, 10.0,
123.3, 5.0,
123.8, 2.0,
124.4, 0.0, 2.210, 1.0,
1564.4, 0.0,

Profile #47

150.0, 59.9, 63.3,
1.0, 1, 0.5, 244.40,
1204.40,
0.0, 0.0,
1.2, 0.0,
6.3, 150.0,
61.1, 150.0,
62.1, 100.0,
62.7, 70.0,
67.8, 70.0,
68.0, 60.0,
68.5, 60.0, 2.980, 1.0,
93.7, 60.0, 2.210, 1.0,
98.8, 60.0, 2.980, 1.0,
121.9, 60.0,
122.2, 40.0,
122.7, 20.0,
123.1, 10.0,
123.3, 5.0,
123.8, 2.0,
124.4, 0.0, 2.210, 1.0,
1564.4, 0.0,

Profile #48

150.0, 59.9, 63.3,
1.0, 1, 0.5, 244.40, 1564.40,
0.0, 0.0,
1.2, 0.0,
6.3, 150.0,
61.1, 150.0,
62.1, 100.0,
62.7, 70.0,
67.8, 70.0,
68.0, 60.0,
68.5, 60.0, 2.980, 1.0,
93.7, 60.0, 2.210, 1.0,
98.8, 60.0, 2.980, 1.0,
121.9, 60.0,
122.2, 40.0,
122.7, 20.0,
123.1, 10.0,
123.3, 5.0,
123.8, 2.0,
124.4, 0.0, 2.210, 1.0,
1564.4, 0.0,

Profile #49

150.0, 59.9, 63.3,
1.0, 1, 0.5, 244.40, 1204.40,
0.0, 0.0,
1.2, 0.0,
6.3, 150.0,
61.1, 150.0,
62.1, 100.0,
62.7, 70.0,
67.8, 70.0,
68.0, 60.0,
68.5, 60.0, 2.980, 1.0,
93.7, 60.0, 2.210, 1.0,
98.8, 60.0, 2.980, 1.0,
121.9, 60.0,
122.2, 40.0,
122.7, 20.0,
123.1, 10.0,
123.3, 5.0,
123.8, 2.0,
124.4, 0.0, 2.210, 1.0,
1564.4, 0.0,

Profile #51

150.0, 59.9, 63.1,
1.0, 1, 1.0, 244.20, 354.20,
0.0, 0.0,
1.2, 0.0,
3.0, 60.0,
6.0, 150.0,
61.1, 150.0,
61.9, 100.0,
62.8, 70.0,
67.7, 70.0,
67.8, 60.0,
68.3, 60.0, 2.980, 1.0,
93.3, 60.0, 2.210, 1.0,
98.3, 60.0, 2.980, 1.0,
121.8, 60.0,
122.2, 40.0,
122.6, 20.0,
122.8, 10.0,
123.4, 2.0,
124.2, 0.0, 2.210, 1.0,
1564.2, 0.0,

Profile #52

150.0, 59.9, 63.1,
1.0, 1, 0.5, 244.20, 1564.20,
0.0, 0.0,
1.2, 0.0,
3.0, 60.0,
6.0, 150.0,
61.1, 150.0,
61.9, 100.0,
62.8, 70.0,
67.7, 70.0,
67.8, 60.0,
68.3, 60.0, 2.980, 1.0,
93.3, 60.0, 2.210, 1.0,
98.3, 60.0, 2.980, 1.0,
121.8, 60.0,
122.2, 40.0,
122.6, 20.0,
122.8, 10.0,
123.4, 2.0,
124.2, 0.0, 2.210, 1.0,
1564.2, 0.0,

Profile #54

150.0, 55.0, 102.5,
1.0, 1, 1.0, 278.80, 1276.80,
0.0, 0.0,
1.3, 0.0,
6.2, 150.0,
56.3, 150.0,
57.9, 100.0,
59.6, 60.0,
64.7, 60.0,
65.1, 50.0,
85.2, 50.0,
85.8, 40.0,
86.3, 40.0, 2.980, 1.0,
111.3, 40.0, 2.210, 1.0,
116.5, 40.0, 2.980, 1.0,
141.7, 40.0, 2.210, 1.0,
146.8, 40.0, 2.980, 1.0,
156.5, 40.0,
157.1, 20.0,
157.5, 10.0,
158.0, 2.0,
158.8, 0.0, 2.210, 1.0,
1598.8, 0.0,

Profile #55

150.0, 55.0, 102.5,
1.0, 1, 1.0, 278.80, 1511.80,
0.0, 0.0,
1.3, 0.0,
6.2, 150.0,
56.3, 150.0,
57.9, 100.0,
59.6, 60.0,
64.7, 60.0,
65.1, 50.0,
85.2, 50.0,
85.8, 40.0,
86.3, 40.0, 2.980, 1.0,
111.3, 40.0, 2.210, 1.0,
116.5, 40.0, 2.980, 1.0,
141.7, 40.0, 2.210, 1.0,
146.8, 40.0, 2.980, 1.0,
156.5, 40.0,
157.1, 20.0,
157.5, 10.0,
158.0, 2.0,
158.8, 0.0, 2.210, 1.0,
1598.8, 0.0,

Profile #58

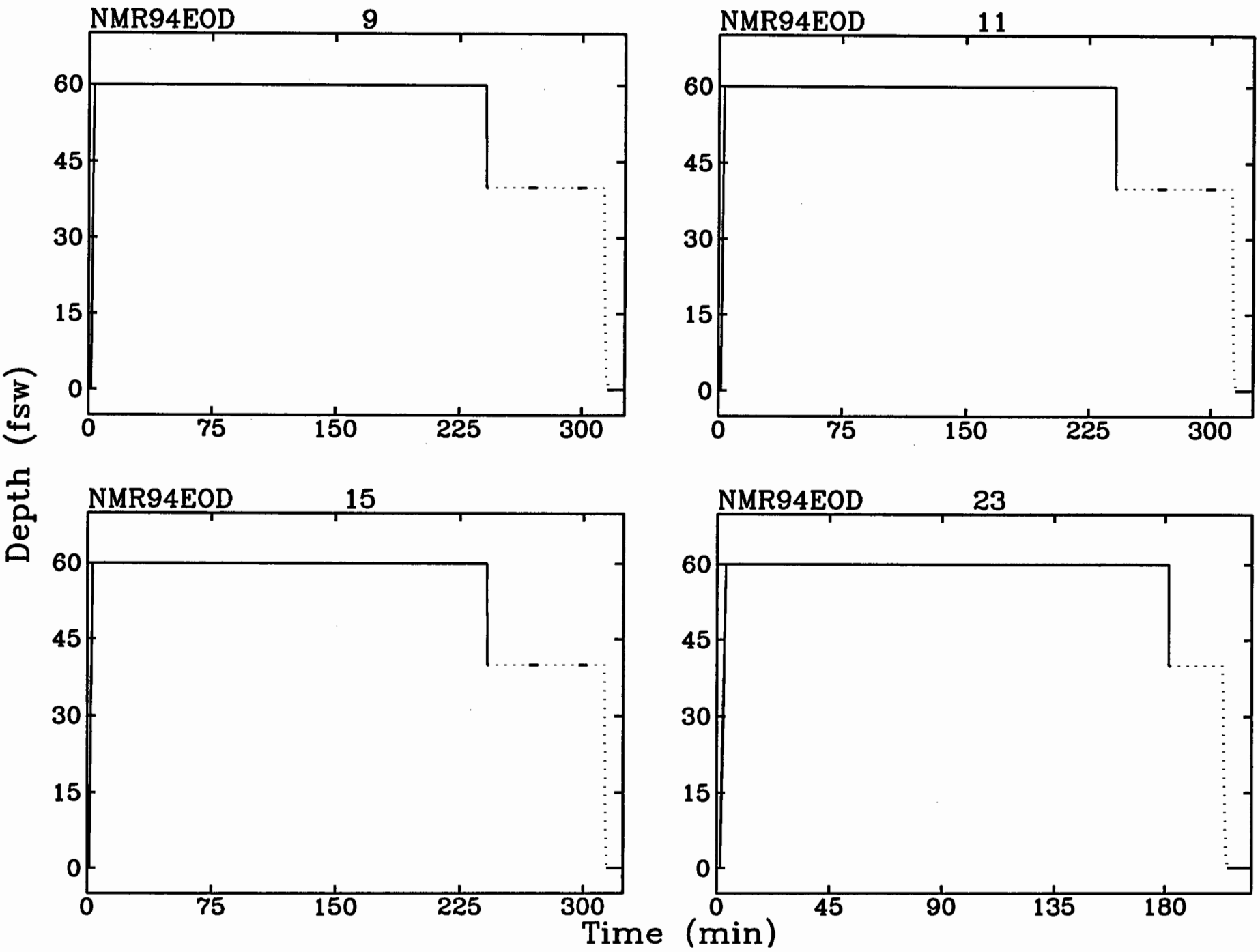
150.0, 54.9, 102.8,
1.0, 1, 1.0, 169.00, 279.00,
0.0, 0.0,
1.3, 0.0,
3.3, 60.0,
6.3, 150.0,
56.2, 150.0,
58.0, 100.0,
59.6, 60.0,
64.8, 60.0,
65.1, 48.0,
65.7, 50.0,
85.3, 50.0,
85.5, 40.0,
86.2, 40.0, 2.980, 1.0,
111.4, 40.0, 2.210, 1.0,
116.5, 40.0, 2.980, 1.0,
141.6, 40.0, 2.210, 1.0,
146.7, 40.0, 2.980, 1.0,
156.8, 40.0,
157.4, 20.0,
157.8, 10.0,
158.3, 2.0,
159.0, 0.0, 2.210, 1.0,
1599.2, 0.0,

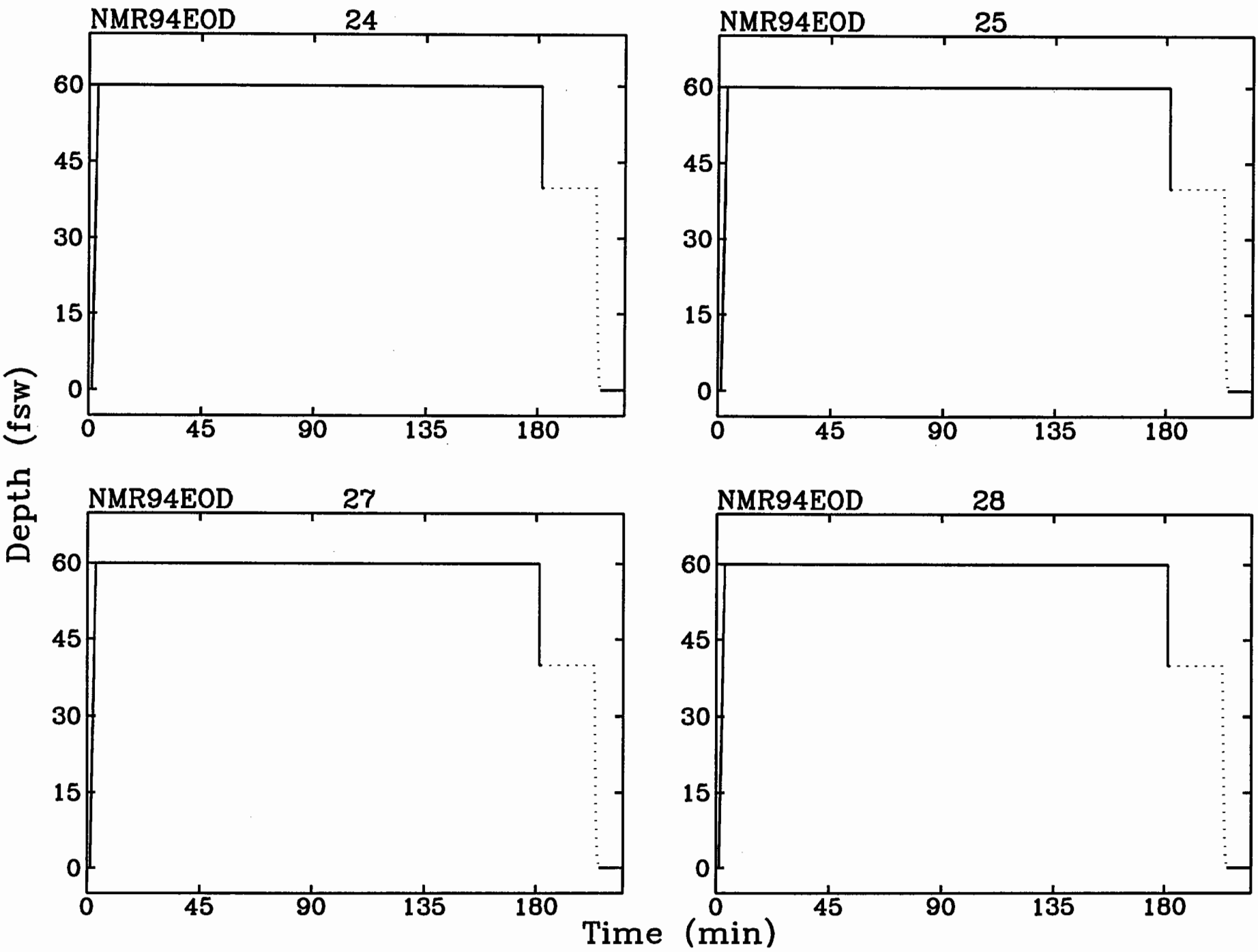
Profile #61

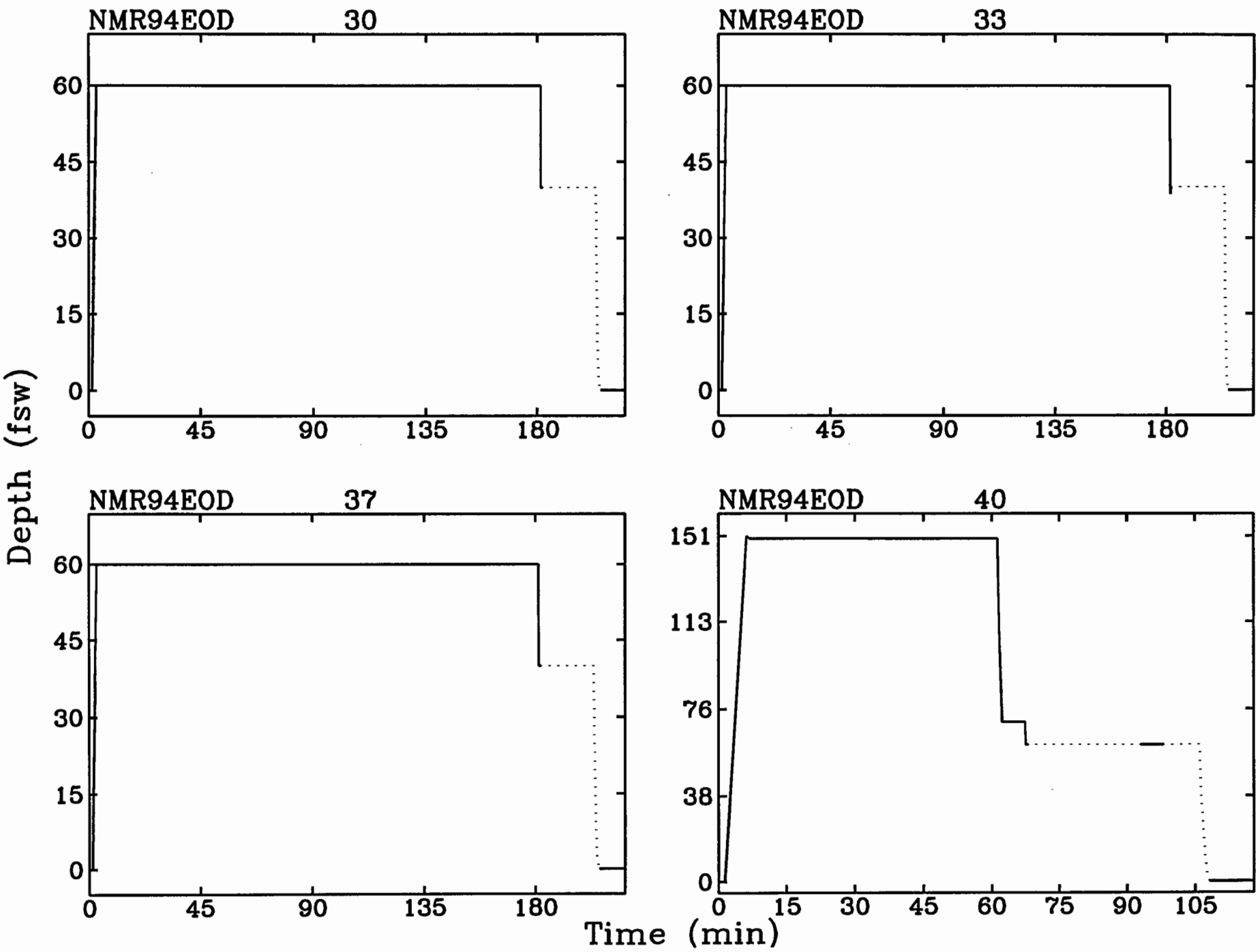
150.0, 55.0, 102.1,
1.0, 1, 1.0, 278.30, 1215.30,
0.0, 0.0,
1.3, 0.0,
6.2, 150.0,
56.3, 150.0,
57.9, 100.0,
59.3, 60.0,
64.4, 60.0,
64.8, 50.0,
85.0, 50.0,
85.3, 40.0,
85.8, 40.0, 2.980, 1.0,
111.0, 40.0, 2.210, 1.0,
116.1, 40.0, 2.980, 1.0,
141.1, 40.0, 2.210, 1.0,
146.2, 40.0, 2.980, 1.0,
156.2, 40.0,
156.8, 20.0,
157.2, 10.0,
157.7, 2.0,
158.3, 0.0, 2.210, 1.0,
1598.3, 0.0,

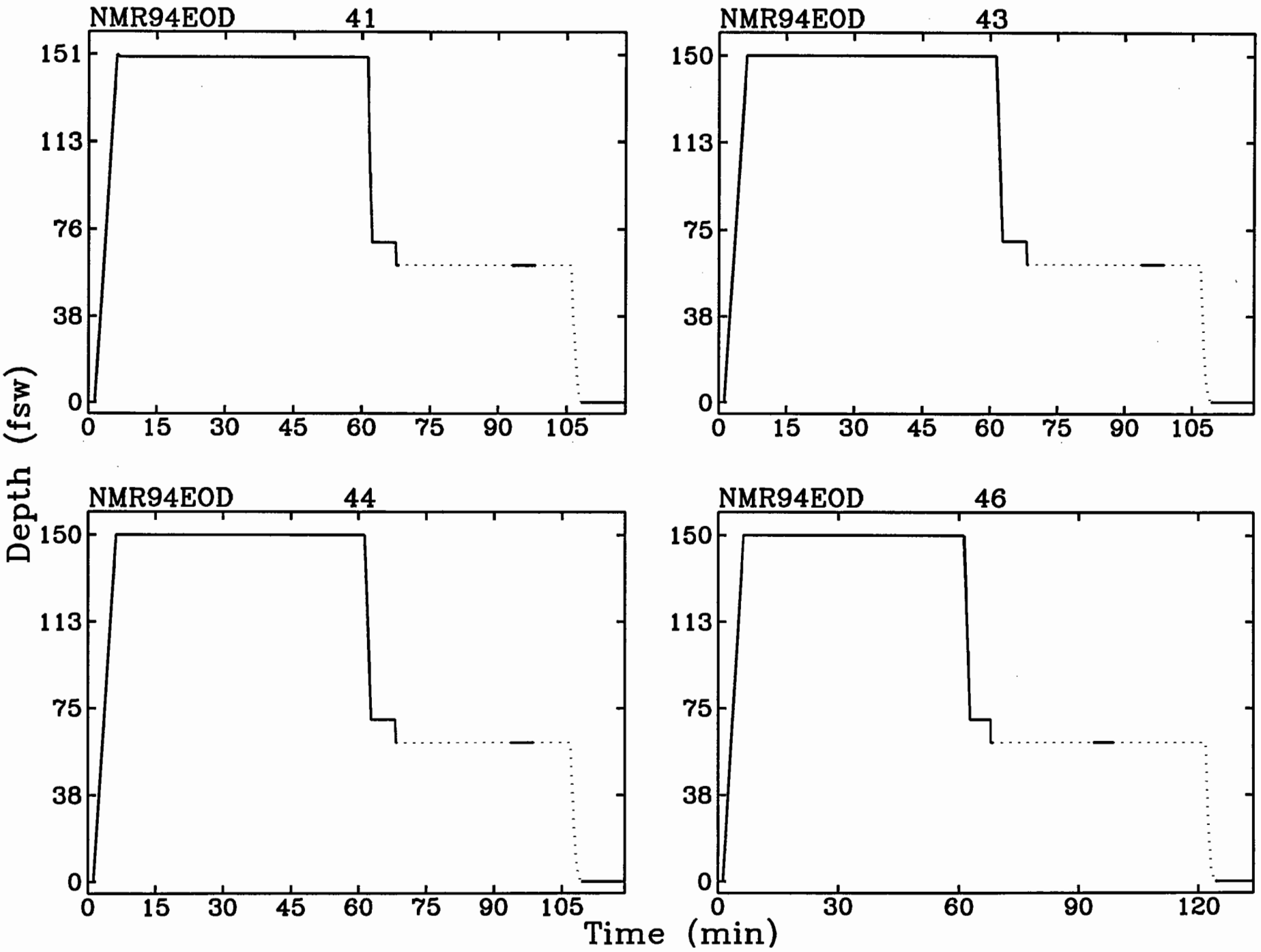
Profile #80

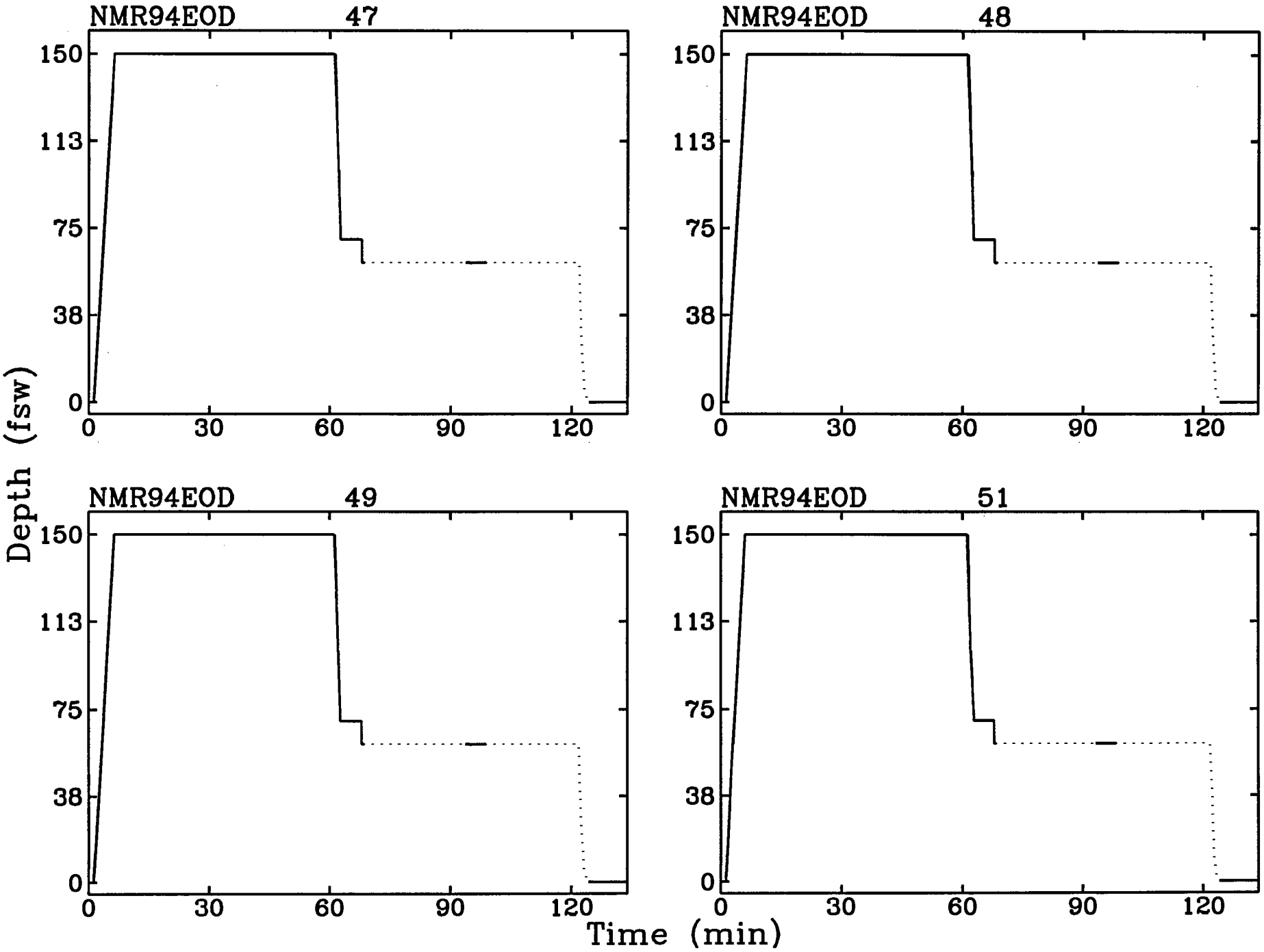
170.0, 39.9, 92.4,
1.0, 1, 1.0, 253.60, 1295.60,
0.0, 0.0,
1.3, 0.0,
3.1, 60.0,
6.8, 170.0,
41.2, 170.0,
43.1, 120.0,
45.3, 60.0,
50.4, 60.0,
50.8, 50.0,
60.9, 50.0,
61.2, 40.0,
61.6, 40.0, 2.980, 1.0,
86.8, 40.0, 2.210, 1.0,
92.0, 40.0, 2.980, 1.0,
117.1, 40.0, 2.210, 1.0,
122.2, 40.0, 2.980, 1.0,
131.3, 40.0,
131.8, 20.0,
132.3, 10.0,
132.8, 3.0,
133.6, 0.0, 2.210, 1.0,
1573.6, 0.0,

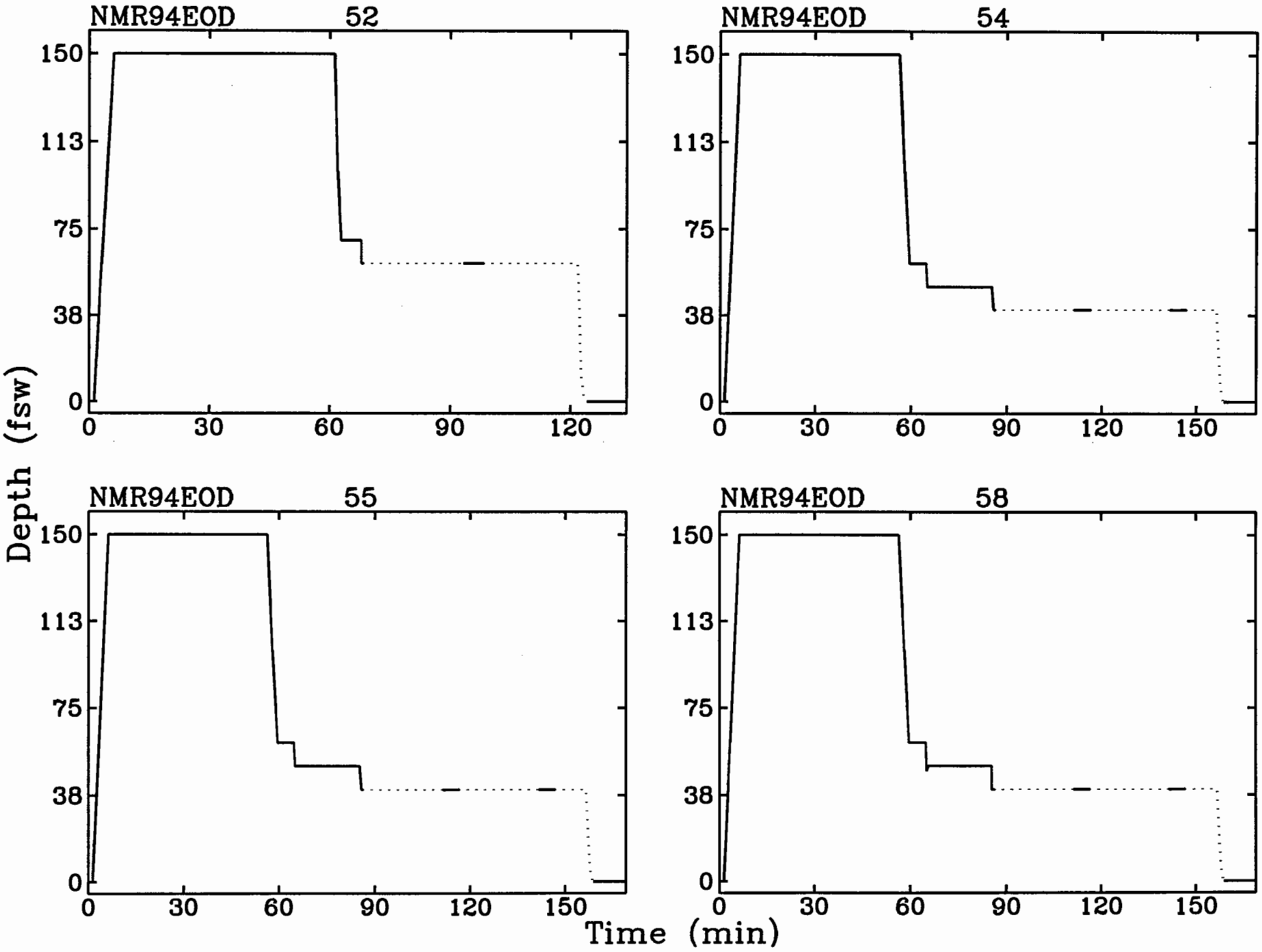

NMR94EOD 9
NMR94EOD 11
NMR94EOD 15
NMR94EOD 23
Depth (fsw)
Time (min)
0
15
30
45
60
0
75
150
225
300
45
90
135
180

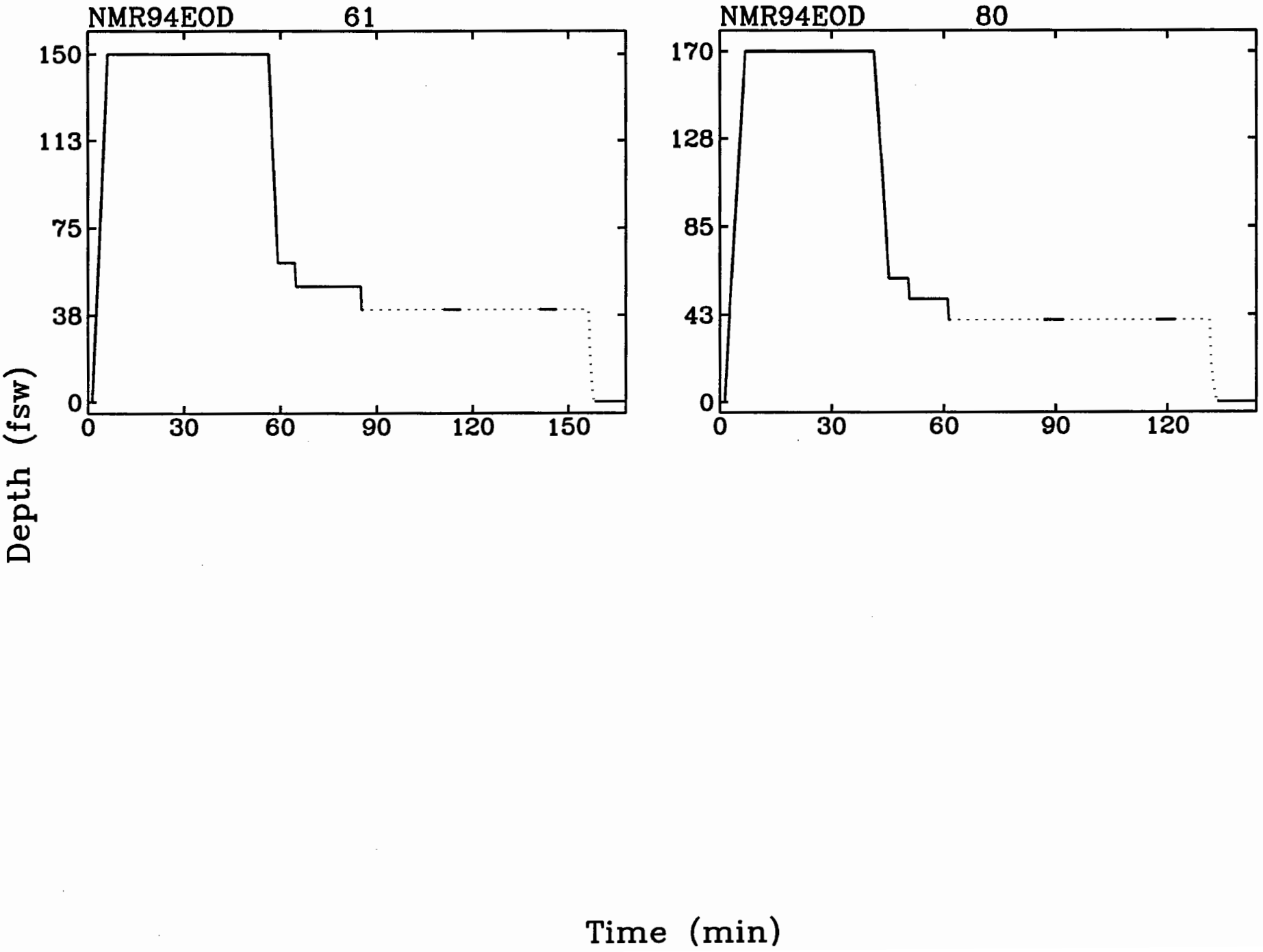

NMR94EOD 24
NMR94EOD 25
NMR94EOD 27
NMR94EOD 28
Depth (fsw)
Time (min)
0
15
30
45
60
0
45
90
135
180


NMR94EOD 30
NMR94EOD 33
NMR94EOD 37
NMR94EOD 40
Depth (fsw)
Time (min)
0
15
30
45
60
90
135
180
38
76
105
113
151
75


NMR94EOD 41
NMR94EOD 43
NMR94EOD 44
NMR94EOD 46
Depth (fsw)
Time (min)
0
38
75
76
113
150
151
0 15 30 45 60 75 90 105
0 30 60 90 120


NMR94EOD 47
NMR94EOD 48
NMR94EOD 49
NMR94EOD 51
150
113
75
38
0
0
30
60
90
120
Depth (fsw)
Time (min)

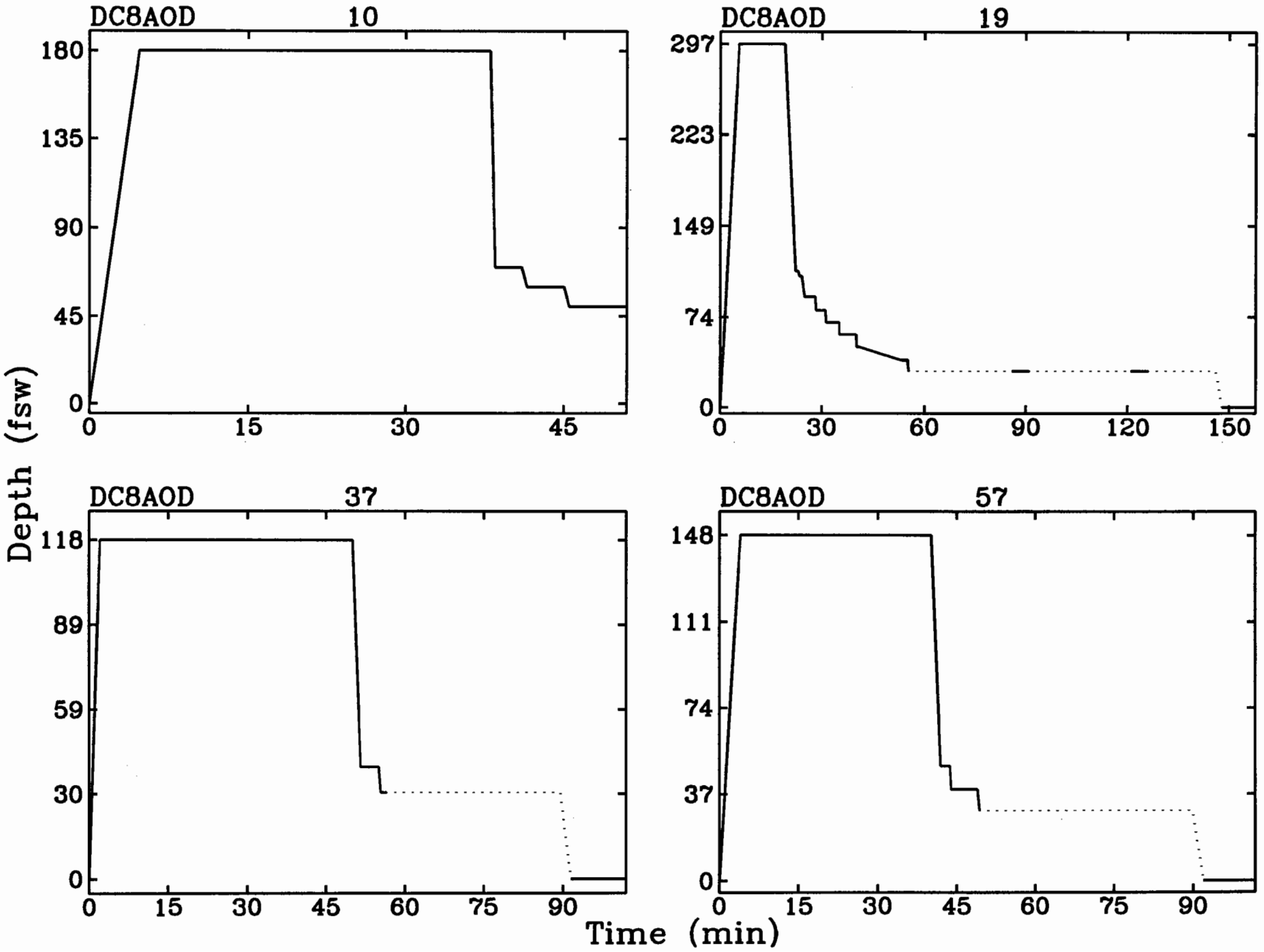

NMR94EOD 52
NMR94EOD 54
NMR94EOD 55
NMR94EOD 58
Depth (fsw)
Time (min)
150
113
75
38
0
0
30
60
90
120
150

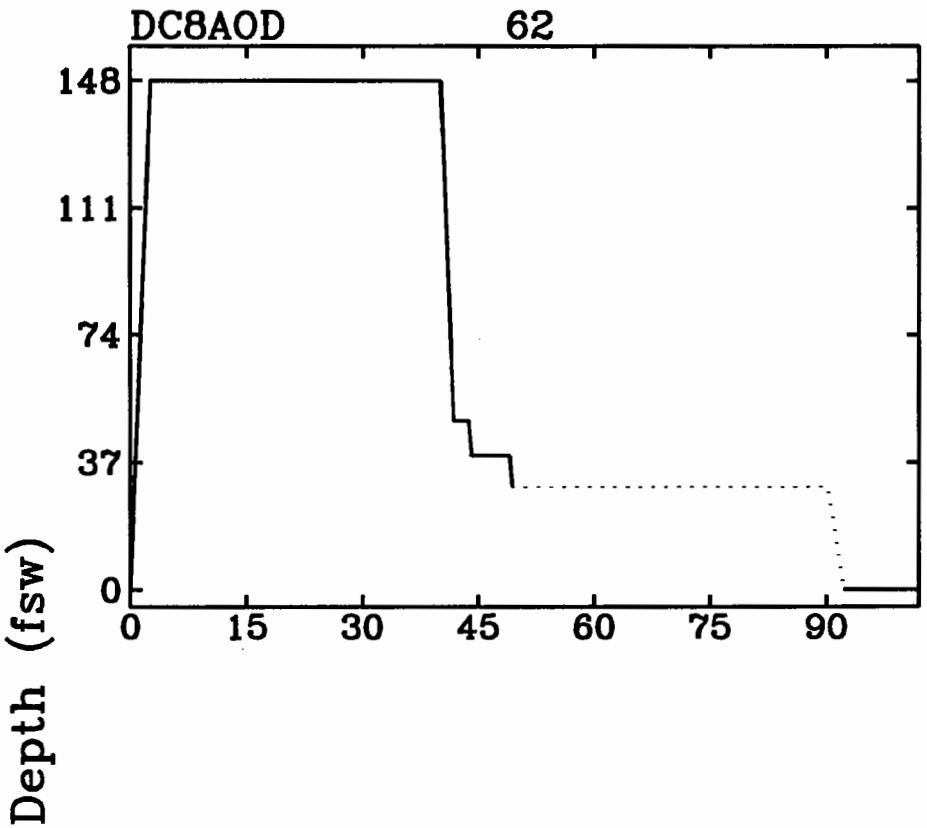

NMR94EOD 61
150
113
75
38
0
0
30
60
90
120
150
NMR94EOD 80
170
128
85
43
0
0
30
60
90
120
Depth (fsw)
Time (min)

SECTION V: AIR & O_2 DECOMPRESSION

B. DC8AOD 256 Dives: 3 DCS, 2 Marginal

Profile #10	Profile #19	Profile #37	Profile #57	Profile #62
180.0, 38.0, 7.5	297.0, 19.0, 128.8	118.0, 50.0, 41.5	148.0, 40.0, 52.0	148.0, 40.0, 52.3,
1.000, 1, 0.5, 38.0, 48.0,	1.000, 1, 0.5,	1.000, 1, 1.0, 211.0, 271.0,	1.000, 1, 1.0, 213.0, 512.0,	1.000, 1, 1.0, 122.0, 182.0,
0.00, 0,	0.00, 0,	0.00, 0,	0.00, 0,	0.00, 0,
4.70, 180,	5.60, 297,	2.10, 118,	4.00, 148,	2.60, 148,
38.00, 180,	19.00, 297,	50.00, 118,	40.00, 148,	40.00, 148,
38.50, 70,	22.30, 112,	51.60, 39,	41.90, 49,	41.80, 49,
41.00, 70,	23.00, 112,	55.00, 39,	43.60, 49,	43.70, 49,
41.50, 60,	23.40, 108,	55.40, 30,	43.90, 39,	44.10, 39,
45.00, 60,	24.00, 108,	56.50, 30, 2.980, 1.00	48.90, 39,	49.00, 39,
45.50, 50,	25.00, 91,	89.50, 30,	49.30, 30, 2.980, 1.00	49.40, 30, 2.980, 1.00
1485.50, 50,	28.00, 91,	91.50, 0, 1.000, 1.00	89.90, 30,	90.20, 30,
	28.30, 80,	1531.50, 0,	92.00, 0, 1.000, 1.00	92.30, 0, 1.000, 1.00
	31.00, 80,		1532.00, 0,	1532.30, 0,
	31.20, 70,			
	35.00, 70,			
	35.20, 60,			
	40.00, 60,			
	40.20, 50,			
	40.70, 50,			
	53.10, 39,			
	55.00, 39,			
	55.30, 30, 2.980, 1.00			
	86.00, 30, 1.000, 1.00			
	91.00, 30, 2.980, 1.00			
	121.00, 30, 1.000, 1.00			
	126.00, 30, 2.980, 1.00			
	146.00, 30,			
	147.80, 0, 1.000, 1.00			
	1587.80, 0,			


DC8AOD 10
180
135
90
45
0
0 15 30 45
DC8AOD 19
297
223
149
74
0
0 30 60 90 120 150
DC8AOD 37
118
89
59
30
0
0 15 30 45 60 75 90
DC8AOD 57
148
111
74
37
0
0 15 30 45 60 75 90
Depth (fsw)
Time (min)


DC8AOD
62
148
111
74
37
0
0
15
30
45
60
75
90
Depth (fsw)
Time (min)

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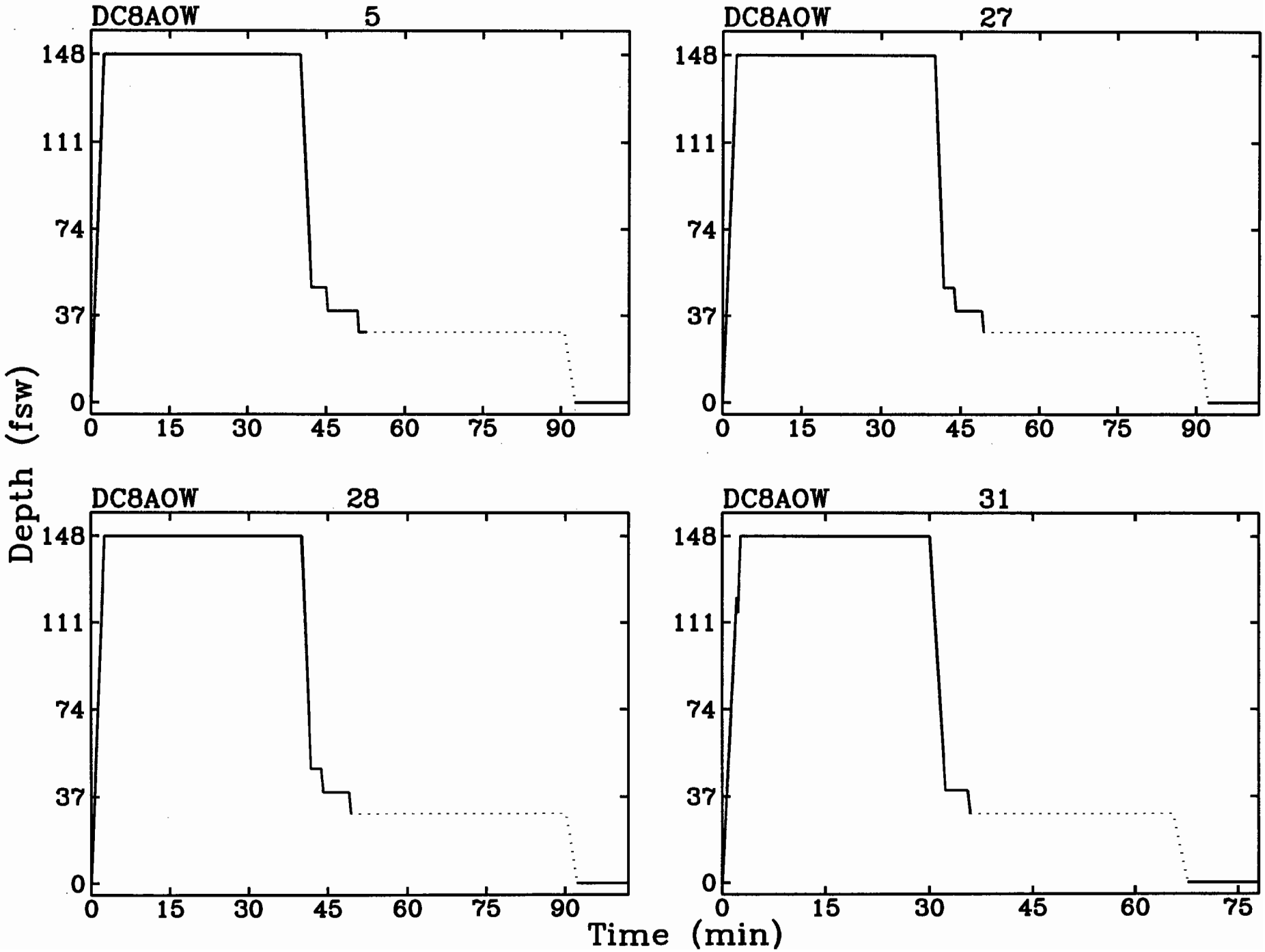
SECTION V: AIR & O_2 DECOMPRESSION

C. DC8AOW 46 Dives: 3 DCS, 1 Marginal

Profile #5	Profile #27	Profile #28	Profile #31
150.0, 40.0, 52.7, 1.000, 1, 1.0, 123.0, 235.0, 0.00, 0, 2.50, 148, 40.00, 148, 42.20, 49, 45.00, 49, 45.30, 39, 51.00, 39, 51.20, 30, 52.70, 30, 2.995, 1.30 90.70, 30, 92.70, 0, 1.000, 1.00 1532.70, 0,	150.0, 40.0, 52.3, 1.000, 1, 0.5, 122.0, 152.0, 0.00, 0, 2.60, 148, 40.00, 148, 41.80, 49, 43.70, 49, 44.10, 39, 49.00, 39, 49.40, 30, 2.995, 1.30 90.20, 30, 92.30, 0, 1.000, 1.00 1532.30, 0,	150.0, 40.0, 52.3, 1.000, 1, 1.0, 90.2, 102.3, 0.00, 0, 2.60, 148, 40.00, 148, 41.80, 49, 43.70, 49, 44.10, 39, 49.00, 39, 49.40, 30, 2.995, 1.30 90.20, 30, 92.30, 0, 1.000, 1.00 1532.30, 0,	147.6, 208.0, 34.0, 1.0, 1, 1.0, 65.5, 82.7, 0.00, 0.0, 2.10, 121.4, 2.30, 114.8, 2.70, 147.6, 30.00, 147.6, 32.30, 39.4, 35.50, 39.4, 35.90, 29.5, 2.9950, 1.3 65.50, 29.5, 67.70, 0.0, 1.0000, 1.0 1507.70, 0,


DC8AOW 5
DC8AOW 27
DC8AOW 28
DC8AOW 31
Depth (fsw)
148
111
74
37
0
0 15 30 45 60 75 90
Time (min)

VI. Saturation

SECTION VI: SATURATION

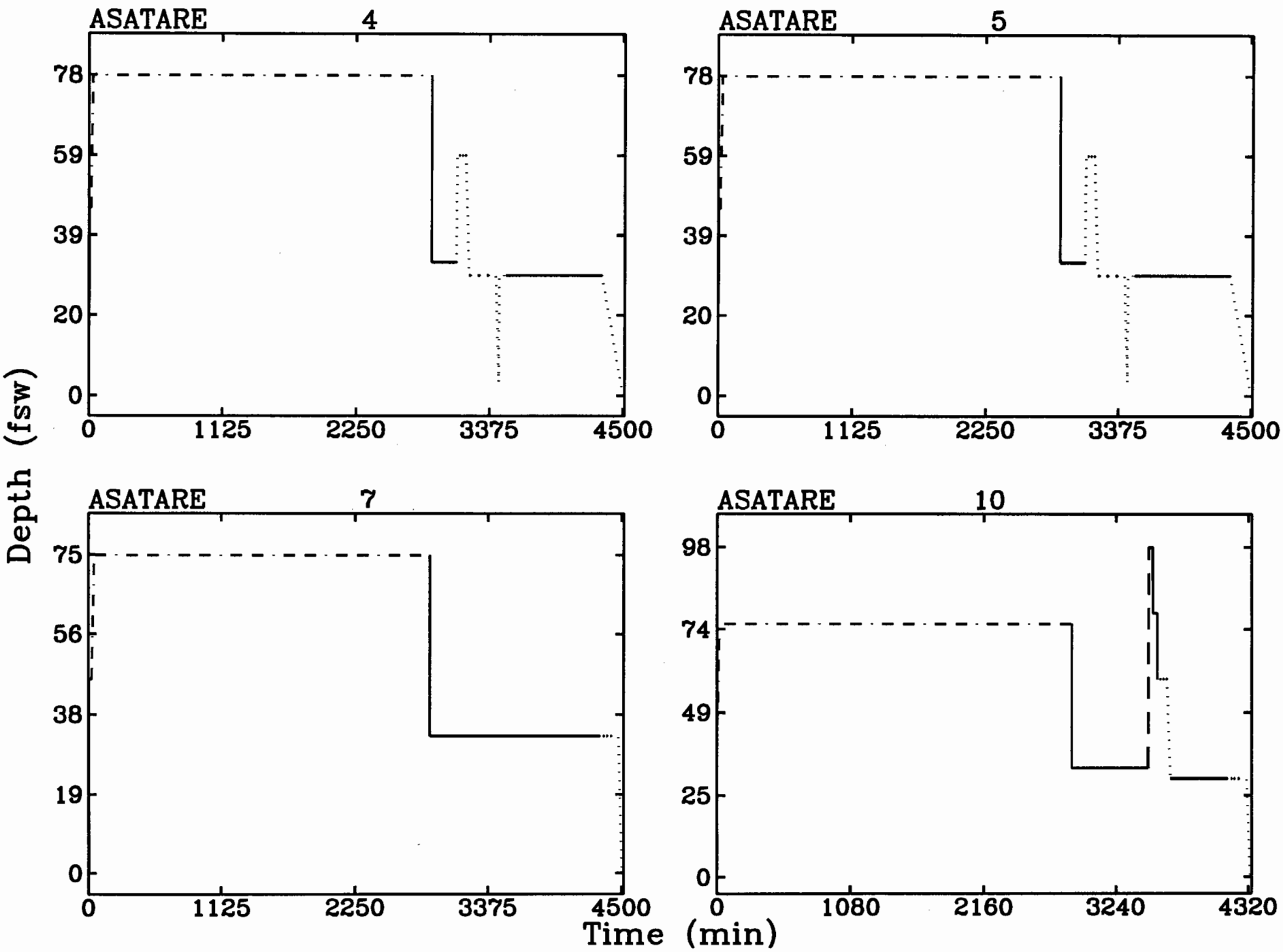
A. ASATARE — 165 Dives: 20 DCS, 13 Marginal

Profile #4	Profile #5	Profile #7	Profile #10
78.3, 2880.00,1620.0, 1.00, 1, 1.0, 2880.0, 3067.0, 0.0, 0.0, 5.0, 45.9, 17.0, 45.9, 3.5, 18.0, 35.00, 78.3, 2880.00, 78.3, 1.0, 20.0, 2884.00, 32.6, 3096.00, 32.6, 2.98, 1.0, 3097.00, 58.8, 3117.00, 58.8, 1.0, 1.0, 3122.00, 58.8, 2.98, 1.0, 3142.00, 58.8, 1.0, 1.0, 3147.00, 58.8, 2.98, 1.0, 3167.00, 58.8, 1.0, 1.0, 3172.00, 58.8, 2.98, 1.0, 3202.00, 29.4, 1.0, 1.0, 3217.00, 29.4, 2.98, 1.0, 3277.00, 29.4, 1.0, 1.0, 3292.00, 29.4, 2.98, 1.0, 3352.00, 29.4, 1.0, 1.0, 3367.00, 29.4, 2.98, 1.0, 3427.00, 29.4, 3455.00, 3.3, 3456.00, 29.4, 3516.00, 29.4, 1.0, 1.0, 4320.00, 29.4, 2.98, 1.0, 4500.00, 0.0, 1.0, 1.0, 7380.00, 0.0,	78.3, 2880.00,1620.0, 1.00, 1, 1.0, 2880.0, 3455.0, 0.0, 0.0, 5.0, 45.9, 17.0, 45.9, 3.5, 18.0, 35.00, 78.3, 2880.00, 78.3, 1.0, 20.0, 2884.00, 32.6, 3096.00, 32.6, 2.98, 1.0, 3097.00, 58.8, 3117.00, 58.8, 1.0, 1.0, 3122.00, 58.8, 2.98, 1.0, 3142.00, 58.8, 1.0, 1.0, 3147.00, 58.8, 2.98, 1.0, 3167.00, 58.8, 1.0, 1.0, 3172.00, 58.8, 2.98, 1.0, 3202.00, 29.4, 1.0, 1.0, 3217.00, 29.4, 2.98, 1.0, 3277.00, 29.4, 1.0, 1.0, 3292.00, 29.4, 2.98, 1.0, 3352.00, 29.4, 1.0, 1.0, 3367.00, 29.4, 2.98, 1.0, 3427.00, 29.4, 3455.00, 3.3, 3456.00, 29.4, 3516.00, 29.4, 1.0, 1.0, 4320.00, 29.4, 2.98, 1.0, 4500.00, 0.0, 1.0, 1.0, 7380.00, 0.0,	75.1, 2880.00, 1625.00, 1.00, 1, 1.0, 2880.0, 4575.0, 0.0, 0.0, 5.0, 0.0, 5.68, 45.9, 27.00, 45.9, 3.50, 23.0, 50.00, 75.1, 2880.0, 75.1, 1.0, 20.0, 2882.60, 32.6, 4320.00, 32.6, 2.98, 1.0, 4350.00, 32.6, 1.0, 1.0, 4355.00, 32.6, 2.98, 1.0, 4375.00, 32.6, 1.0, 1.0, 4380.00, 32.6, 2.98, 1.0, 4410.00, 32.6, 1.0, 1.0, 4415.00, 32.6, 2.98, 1.0, 4475.00, 32.6, 4495.00, 10.9, 4505.00, 0.0, 1.0, 1.0, 7385.00, 0.0,	75.1, 2879.00, 1455.00, 1.00, 1, 1.0, 2880.0, 3382.0, 0.0, 0.0, 1.0, 0.0, 3.0, 45.9, 4.00, 45.9, 3.50, 14.0, 18.00, 75.1, 2880.0, 75.1, 1.0, 20.0, 2883.00, 32.6, 3503.00, 32.6, 2.40, 1.0, 3509.00, 97.9, 3539.00, 97.9, 1.0, 1.0, 3545.00, 78.3, 2.40, 1.0, 3575.00, 78.3, 1.0, 1.0, 3581.00, 58.8, 2.98, 1.0, 3601.00, 58.8, 1.0, 1.0, 3606.00, 58.8, 2.98, 1.0, 3626.00, 58.8, 1.0, 1.0, 3631.00, 58.8, 2.98, 1.0, 3651.00, 58.8, 1.0, 1.0, 3656.00, 58.8, 2.98, 1.0, 3686.00, 29.4, 1.0, 1.0, 4150.00, 29.4, 2.98, 1.0, 4180.00, 29.4, 1.0, 1.0, 4185.00, 29.4, 2.98, 1.0, 4205.00, 29.4, 1.0, 1.0, 4210.00, 29.4, 2.98, 1.0, 4240.00, 29.4, 1.0, 1.0, 4245.00, 29.4, 2.98, 1.0, 4305.00, 29.4, 4335.00, 0.0, 1.0, 1.0, 7215.00, 0.0,

Profile #12	**Profile #16**	**Profile #17**	**Profile #19**
75.1, 2850.00, 1625.00, 1.00, 1, 0.5, 2880.0, 4655.0, 0.0, 0.0, 30.00, 0.0 31.00, 45.9, 3.50, 12.0, 43.00, 45.9, 79.00, 75.1, 2880.0, 75.1, 1.0, 3.0, 2883.00, 32.6, 4320.00, 32.6, 2.98, 1.0, 4350.00, 32.6, 1.0, 1.0, 4355.00, 32.6, 2.98, 1.0, 4375.00, 32.6, 1.0, 1.0, 4380.00, 32.6, 2.98, 1.0, 4410.00, 32.6, 1.0, 1.0, 4415.00, 32.6, 2.98, 1.0, 4475.00, 32.6, 4495.00, 10.9, 4505.00, 0.0, 1.0, 1.0, 7385.00, 0.0,	26.1, 2880.00, 1.4, 1.00, 1, 1.0, 2880.0, 3270.0, 0.0, 0.0, 0.5, 26.1, 3.4, 10.0, 2880.00, 26.1, 1.0, 20.0, 2881.40, 0.00, 5761.00, 0.00,	26.1, 2880.00, 1.4, 1.00, **2**, 0.5, 2880.0, 3960.0, 0.0, 0.0, 0.5, 26.1, 3.4, 10.0, 2880.00, 26.1, 1.0, 20.0, 2881.40, 0.00, 5761.00, 0.00,	26.1, 2880.00, 2.0, 1.00, 1, 1.0, 2880.0, 3065.0, 0.0, 0.0, 1.0, 26.1, 3.4, 10.0, 2880.00, 26.1, 1.0, 20.0, 2882.00, 0.00, 5762.00, 0.00,
Profile # 23	**Profile #27**	**Profile #28**	**Profile #30**
22.8, 2875.00, 2.00, 1.00, 1, 0.5, 2880.0, 3398.0, 0.0, 0.0, 5.0, 0.0, 6.0, 17.0, 19.0, 12.0, 21.0, 12.0, 38.0, 22.8, 3.4, 10.0, 2880.00, 22.8, 1.0, 20.0, 2882.00, 0.00, 5762.00, 0.00,	26.1, 2880.00, 3.00, 1.00, 1, 1.0, 2880.0, 3260.0, 0.0, 0.0, 1.0, 13.0, 5.0, 11.5, 9.00, 26.1, 3.40, 10.0, 2880.00, 26.1, 1.0, 20.0, 2883.00, 0.00, 5763.00, 0.00,	26.1, 2880.00, 3.00, 1.00, 1, 0.5, 2880.0, 3260.0, 0.0, 0.0, 1.0, 13.0, 5.0, 11.5, 9.00, 26.1, 3.40, 10.0, 2880.00, 26.1, 1.0, 20.0, 2883.00, 0.00, 5763.00, 0.00,	26.1, 2880.00, 2.00, 1.00, 1, 1.0, 2880.0, 3105.0, 0.0, 0.0, 1.0, 25.1, 3.40, 5.0, 6.0, 26.1, 2880.00, 26.1, 1.0, 20.0, 2882.00, 0.00, 5763.00, 0.00,

Profile #34	**Profile #36**	**Profile #37**	**Profile #38**
71.8, 2891.0, 2781.00 1.0, 1, 1.0, 4336.0, 5529.0, 0.00, 0.0, 0.50, 29.4, 2.00, 29.4, 3.4, 1.7, 3.70, 71.8, 2891.00, 71.8, 1.0, 10.0, 2895.00, 32.6, 4336.00, 32.6, 4936.00, 16.3, 5529.00, 0.18, 5532.00, 1.6, 5600.00, 1.6, 5672.00, 0.0, 8552.00, 0.0,	71.8, 2894.0, 2645.0, 1.0, 1, 1.0, 2894.0, 3016.0, 0.0, 0.0, 1.00, 29.4, 3.4, 4.0, 5.00, 71.8, 2894.0, 71.8, 1.0, 10.0, 2896.5, 32.6, 4339.0, 32.6, 4939.0, 16.3, 5539.0, 0.0, 8419.0, 0.0,	71.8, 2888.0, 2645.0, 1.0, 4, 0.5, 2888.0, 3853.0, 0.0, 0.0, 0.75, 29.4, 3.4, 7.25, 8.00, 71.8, 2888.0, 71.8, 1.0, 10.0, 2890.5, 32.6, 4333.0, 32.6, 4933.0, 16.3, 5533.0, 0.0, 8413.0, 0.0,	71.8, 2888.0, 2645.0, 1.0, 1, 1.0, 2888.0, 5821.0, 0.0, 0.0, 0.75, 29.4, 3.4, 7.25, 8.00, 71.8, 2888.0, 71.8, 1.0, 10.0, 2890.5, 32.6, 4333.0, 32.6, 4933.0, 16.3, 5533.0, 0.0, 8413.0, 0.0,
Profile #40	**Profile #41**	**Profile #43**	**Profile #46**
71.8, 2891.0, 3005.0, 1.0, 1, 0.5, 2891.0, 3913.0, 0.0, 0.0, 0.8, 29.4, 3.4, 2.2, 3.00, 71.8, 2891.0, 71.8, 1.0, 10.0, 2893.5, 32.6, 4696.0, 32.6, 5296.0, 16.3, 5896.0, 0.0, 8776.0, 0.0,	71.8, 2891.0, 3005.0, 1.0, 1, 0.5, 4696.0, 5881.0, 0.0, 0.0, 0.8, 29.4, 3.4, 2.2, 3.00, 71.8, 2891.0, 71.8, 1.0, 10.0, 2893.5, 32.6, 4696.0, 32.6, 5296.0, 16.3, 5896.0, 0.0, 8776.0, 0.0,	71.8, 2892.0, 2645.0, 1.0, 1, 1.0, 2892.0, 3002.0, 0.0, 0.0, 1.0, 29.4, 3.4, 5.5, 6.5, 71.8, 2892.0, 71.8, 1.0, 10.0, 2895.2, 32.6, 4337.0, 32.6, 4937.0, 16.3, 5537.0, 0.0, 8417.0, 0.0,	71.8, 2892.0, 2645.0, 1.0, 1, 1.0, 4337.0, 5359.0, 0.0, 0.0, 0.7, 27.3, 3.4, 5.3, 6.0, 71.8, 2892.0, 71.8, 1.0, 10.0, 2894.5, 32.6, 4337.0, 32.6, 4937.0, 16.3, 5537.0, 0.0, 8417.0, 0.0,

Profile #47	**Profile #49**	**Profile #50**	**Profile #52**
71.8, 2892.0, 2645.0, 1.0, 1, 1.0, 4337.0, 5825.0, 0.0, 0.0, 0.7, 27.3, 3.4, 5.3, 6.0, 71.8, 2892.0, 71.8, 1.0, 10.0, 2894.5, 32.6, 4337.0, 32.6, 4937.0, 16.3, 5537.0, 0.0, 8417.0, 0.0,	68.5, 2891.0, 2645.0 1.0, 1, 1.0, 2891.0, 3106.0, 0.0, 0.0, 1.0, 27.6, 3.4, 2.0, 3.00, 68.5, 2891.0, 68.5, 1.0, 10.0, 2893.5, 32.6, 4336.0, 32.6, 4936.0, 16.3, 5536.0, 0.0, 8416.0, 0.0,	68.5, 2891.0, 2645.0, 1.0, 1, 0.5, 2891.0, 2951.0, 0.0, 0.0, 1.0, 27.6, 3.4, 2.0, 3.00, 68.5, 2891.0, 68.5, 1.0, 10.0, 2893.5, 32.6, 4336.0, 32.6, 4936.0, 16.3, 5536.0, 0.0, 8416.0, 0.0,	65.3, 2895.0, 2645.0, 1.0, 1, 1.0, 2895.0, 2923.0, 0.0, 0.0, 1.5, 26.5, 3.4, 2.5, 4.00, 65.3, 2895.0, 65.3, 1.0, 10.0, 2897.0, 32.6, 4340.0, 32.6, 4940.0, 16.3, 5540.0, 0.0, 8420.0, 0.0,
Profile #53	**Profile #57**	**Profile #58**	**Profile #60**
65.3, 2895.0, 2645.0, 1.0, 1, 1.0, 2895.0, 4275.0, 0.0, 0.0, 1.5, 26.5, 3.4, 2.5, 4.00, 65.3, 2895.0, 65.3, 1.0, 10.0, 2897.0, 32.6, 4340.0, 32.6, 4940.0, 16.3, 5540.0, 0.0, 8420.0, 0.0,	65.3, 2890.0, 2645.0, 1.0, 1, 1.0, 2890.0, 3269.0, 0.0, 0.0, 0.3, 26.4, 3.4, 1.7, 2.0, 65.3, 2890.0, 65.3, 1.0, 10.0, 2892.0, 32.6, 4335.0, 32.6, 4935.0, 16.3, 5535.0, 0.0, 8415.0, 0.0,	65.3, 2890.0, 2645.0, 1.0, 1, 0.5, 4335.0, 6131.0, 0.0, 0.0, 0.3, 26.4, 3.4, 1.7, 2.0, 65.3, 2890.0, 65.3, 1.0, 10.0, 2892.0, 32.6, 4335.0, 32.6, 4935.0, 16.3, 5535.0, 0.0, 8415.0, 0.0,	62.0, 2891.0, 2645.0, 1.0, 1, 1.0, 4336.0, 8086.0, 0.0, 0.0, 2.0, 26.4, 3.4, 2.0 4.0, 62.0, 2891.0, 62.0, 1.0, 10.0, 2893.0, 32.6, 4336.0, 32.6, 4936.0, 16.3, 5536.0, 0.0, 8416.0, 0.0,
Profile #64			
62.0, 2891.0, 2645.0, 1.0, 1, 1.0, 4336.0, 5296.0, 0.0, 0.0, 1.0, 26.4, 3.4, 1.0 2.0, 62.0, 2891.0, 62.0, 1.0, 10.0, 2893.0, 32.6, 4336.0, 32.6, 4936.0, 16.3, 5536.0, 0.0, 8416.0, 0.0,			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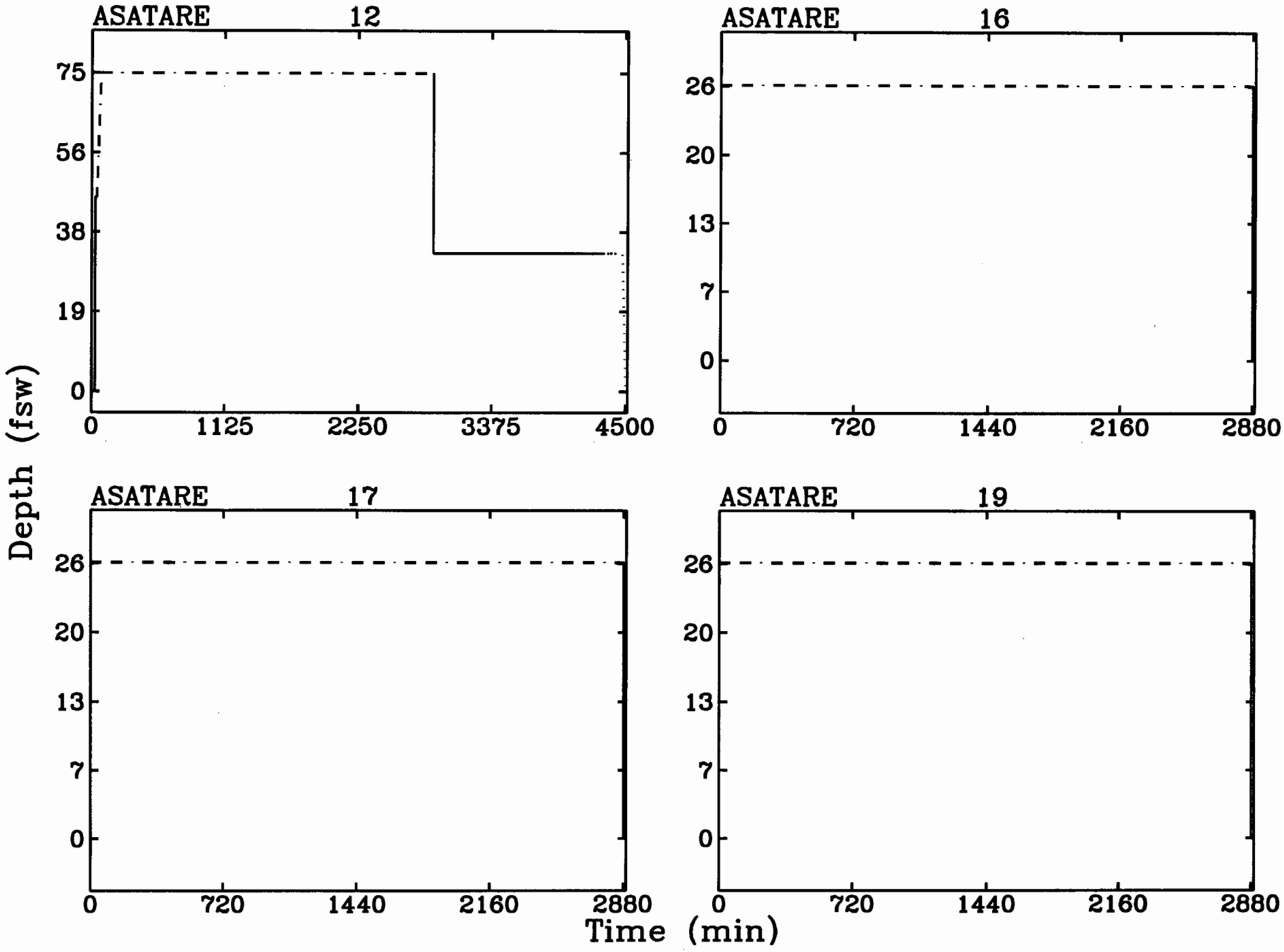
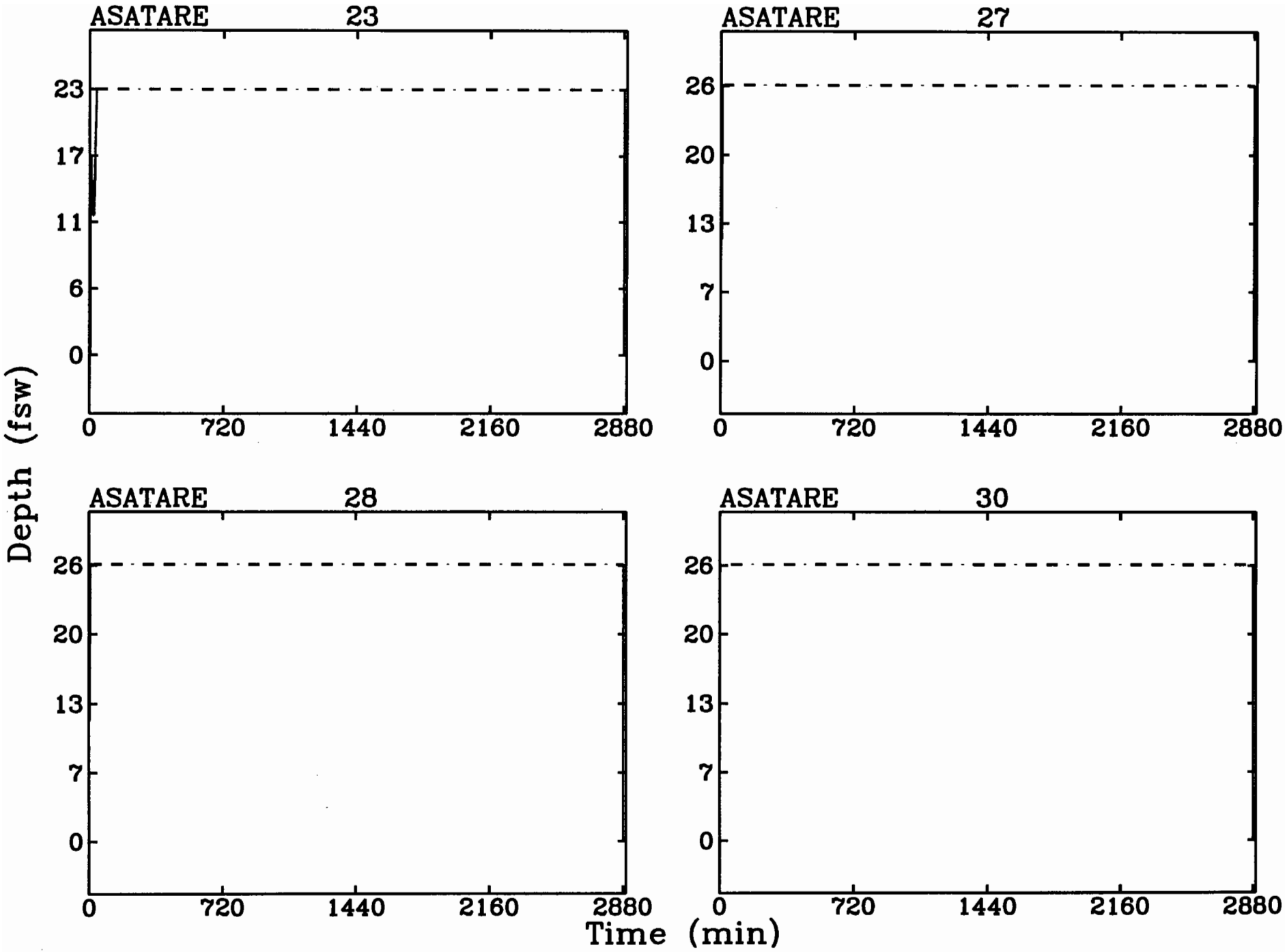
78
59
39
20
0
0
1125
2250
3375
4500
ASATARE 5
78
59
39
20
0
0
1125
2250
3375
4500
ASATARE 7
75
56
38
19
0
0
1125
2250
3375
4500
ASATARE 10
98
74
49
25
0
0
1080
2160
3240
4320
Depth (fsw)
Time (min)


ASATARE 12
75
56
38
19
0
0
1125
2250
3375
4500
ASATARE 16
26
20
13
7
0
0
720
1440
2160
2880
ASATARE 17
26
20
13
7
0
0
720
1440
2160
2880
ASATARE 19
26
20
13
7
0
0
720
1440
2160
2880
Depth (fsw)
Time (min)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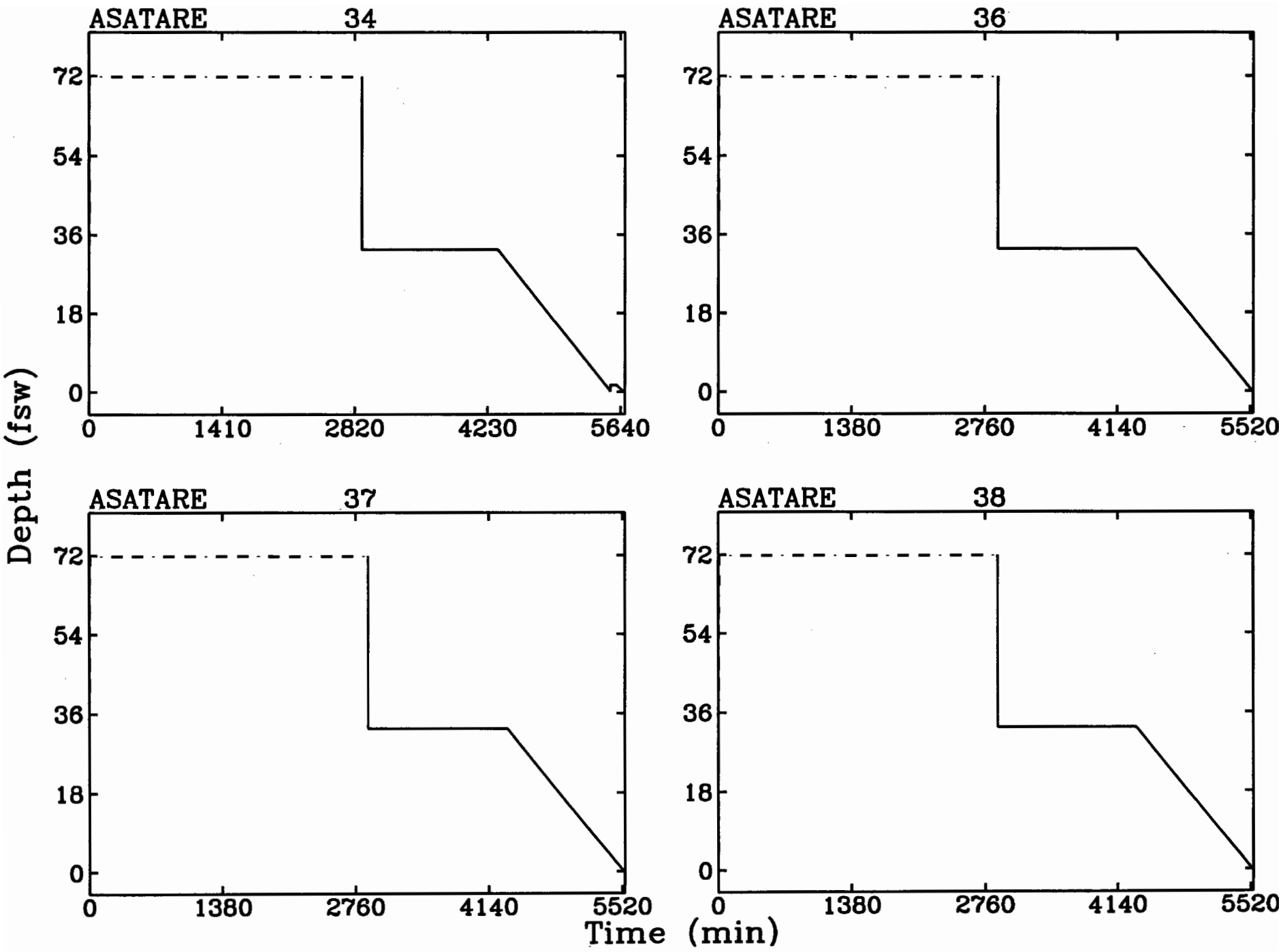
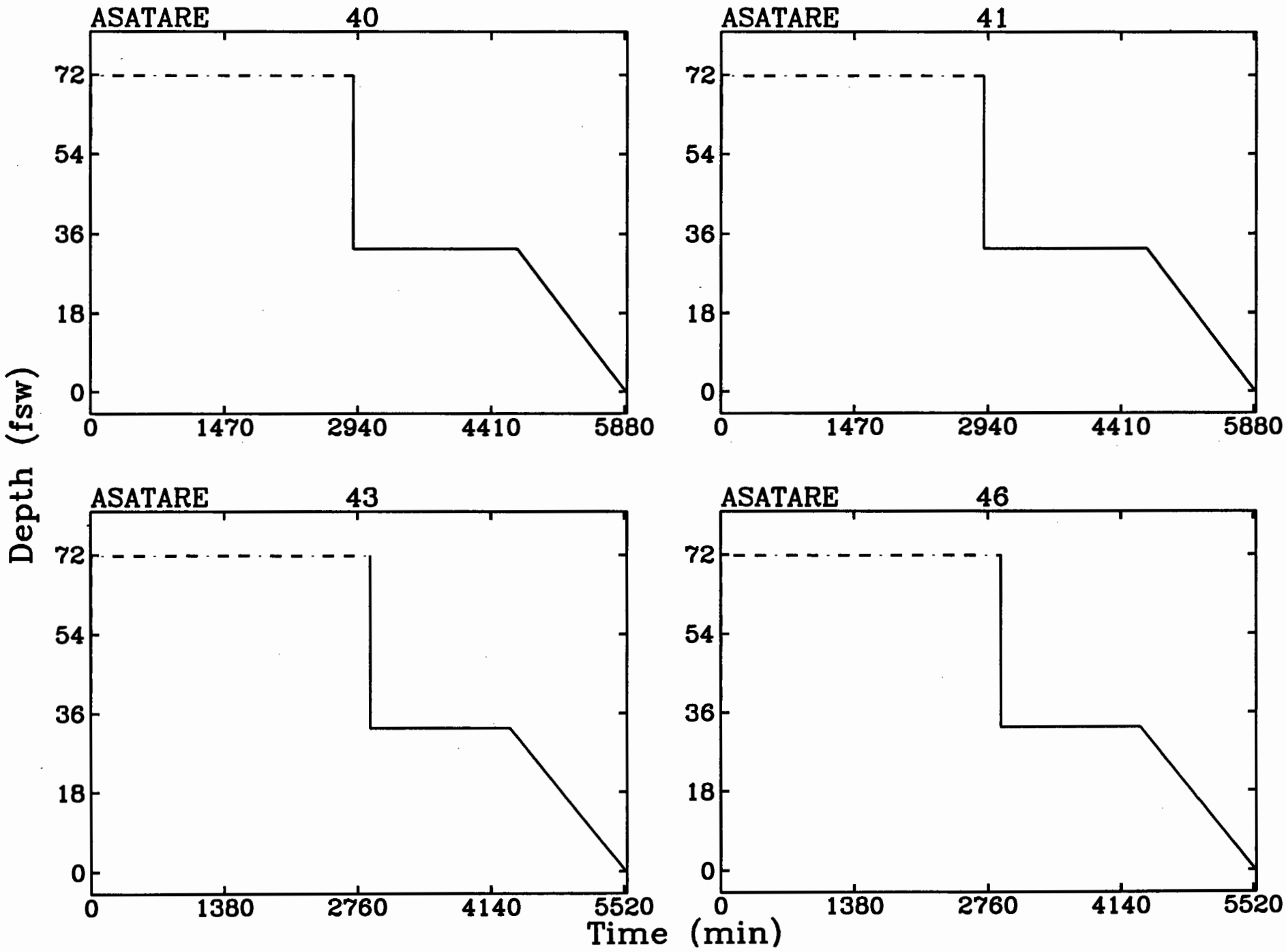
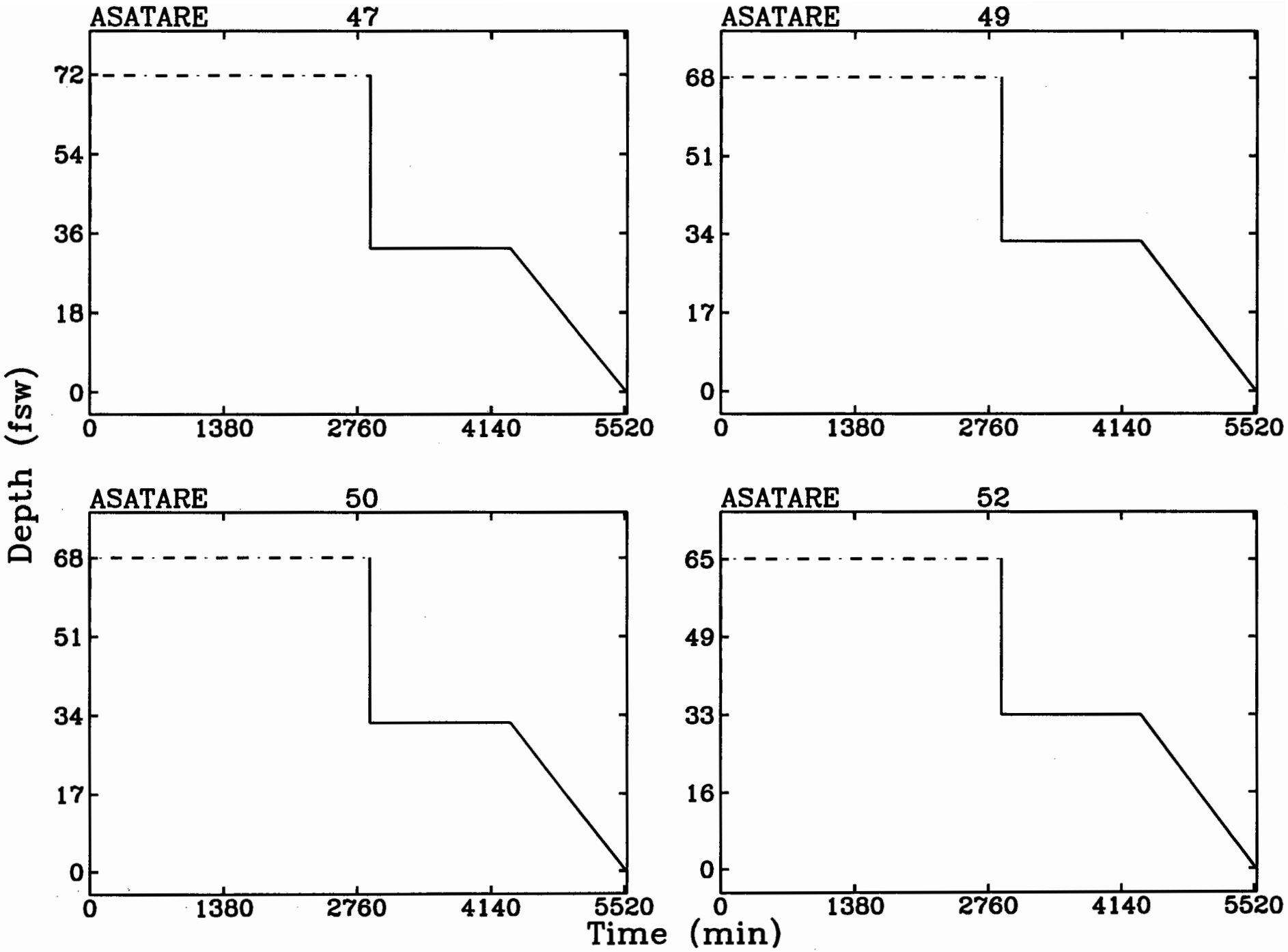
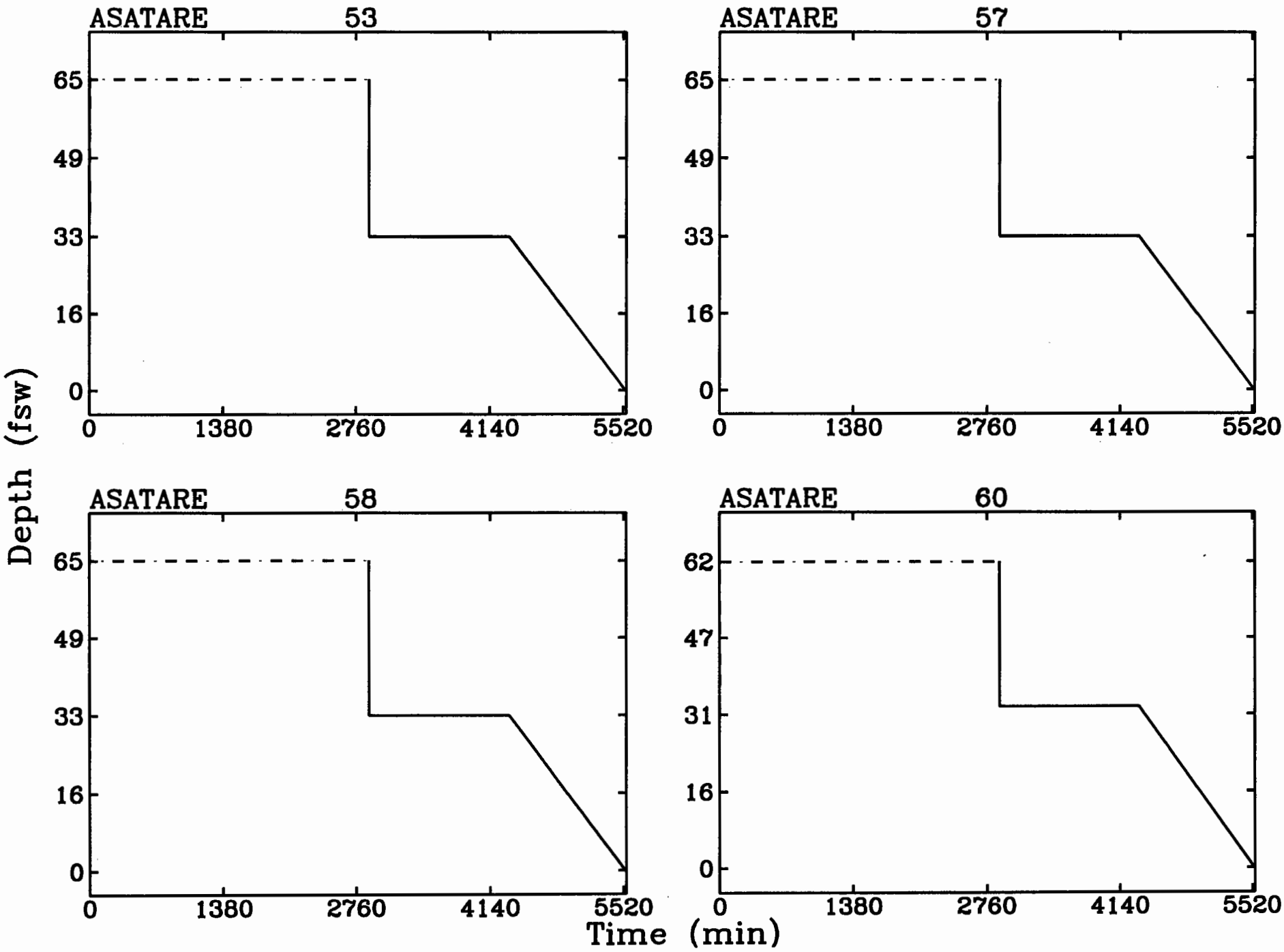
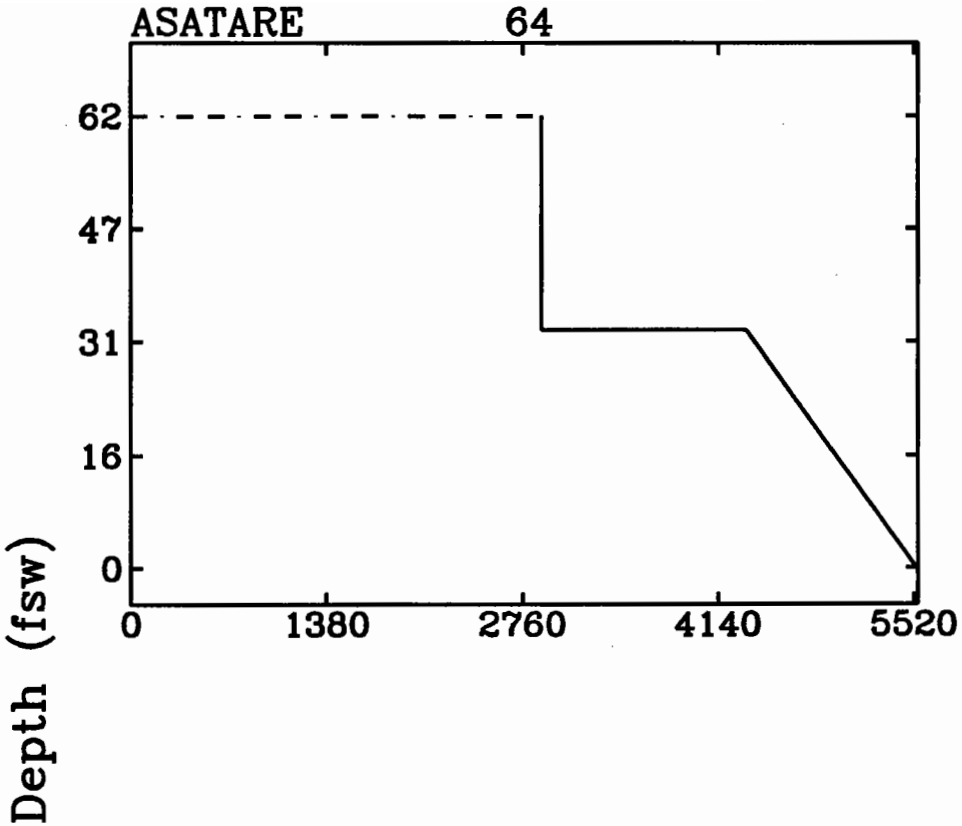
23
17
11
6
0
0 720 1440 2160 2880
ASATARE 27
26
20
13
7
0
0 720 1440 2160 2880
ASATARE 28
26
20
13
7
0
0 720 1440 2160 2880
ASATARE 30
26
20
13
7
0
0 720 1440 2160 2880
Depth (fsw)
Time (min)


ASATARE 34
ASATARE 36
ASATARE 37
ASATARE 38
Depth (fsw)
72
54
36
18
0
0
1410
2820
4230
5640
1380
2760
4140
5520
Time (min)


ASATARE 40
ASATARE 41
ASATARE 43
ASATARE 46
Depth (fsw)
72
54
36
18
0
0
1470
2940
4410
5880
1380
2760
4140
5520
Time (min)


ASATARE 47
72
54
36
18
0
0
1380
2760
4140
5520
ASATARE 49
68
51
34
17
0
0
1380
2760
4140
5520
ASATARE 50
68
51
34
17
0
0
1380
2760
4140
5520
ASATARE 52
65
49
33
16
0
0
1380
2760
4140
5520
Depth (fsw)
Time (min)


ASATARE 53
65
49
33
16
0
0
1380
2760
4140
5520
ASATARE 57
65
49
33
16
0
0
1380
2760
4140
5520
ASATARE 58
65
49
33
16
0
0
1380
2760
4140
5520
ASATARE 60
62
47
31
16
0
0
1380
2760
4140
5520
Depth (fsw)
Time (min)


ASATARE
64
62
47
31
16
0
0
1380
2760
4140
5520
Depth (fsw)
Time (min)

SECTION VI: SATURATION

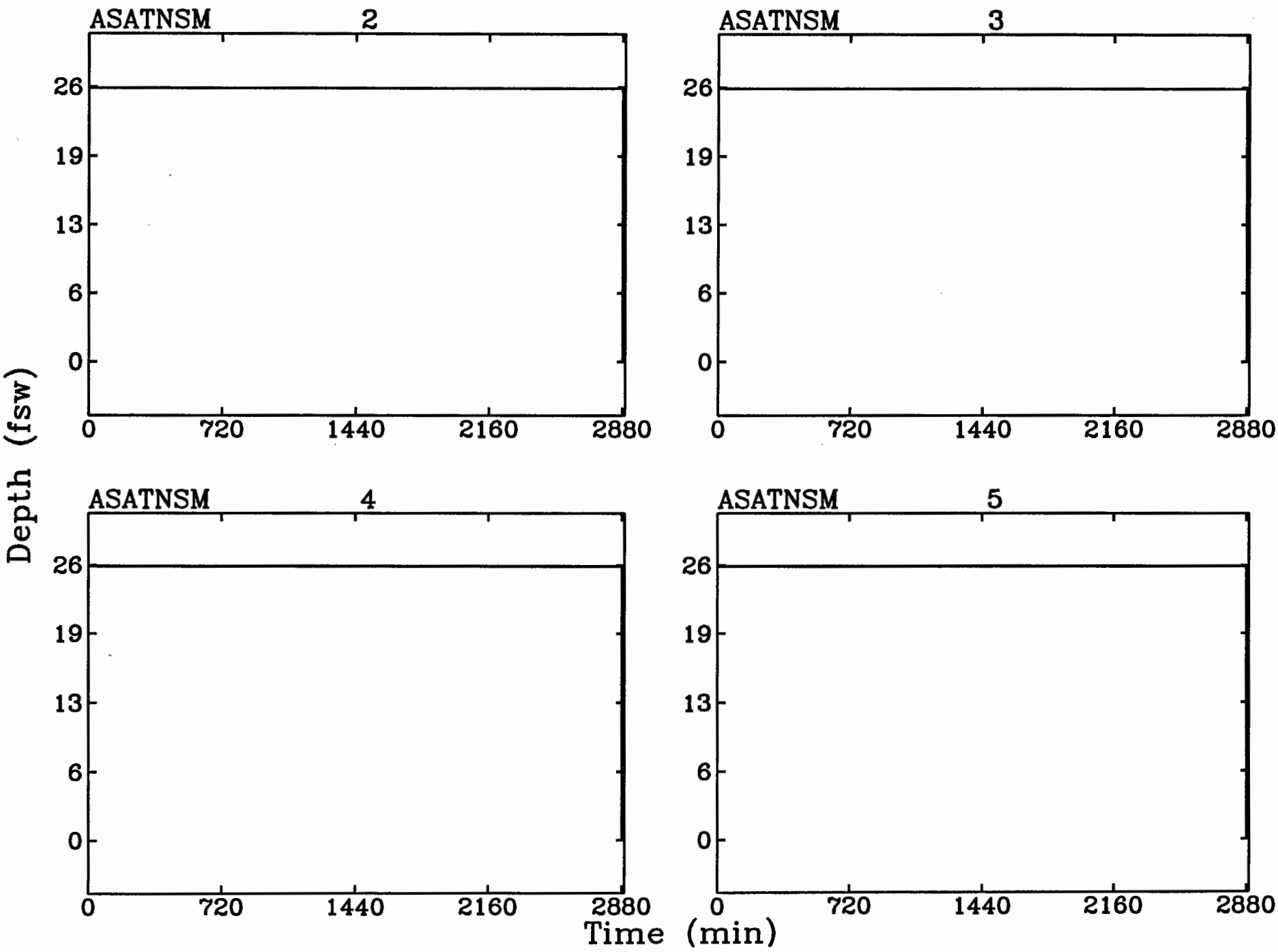
B. ASATNSM 132 Dives: 18 DCS, 21 Marginal

Profile #2	Profile #3	Profile #4	Profile #5
25.5, 2880.0, 1.3, 1.000, 13, 0.5, 0.00, 0.0, 2.00, 25.50, 2880.00, 25.50, 2881.30, 0.00, 5761.30, 0,	25.5, 2880.0, 1.3, 1.000, 1, 0.5, 3001.0, 3601.0, 0.00, 0.0, 2.00, 25.50, 2880.00, 25.50, 2881.30, 0.00, 5761.30, 0,	25.5, 2880.0, 1.3, 1.000, 1, 0.5, 2891.0, 2911.0, 0.00, 0.0, 2.00, 25.50, 2880.00, 25.50, 2881.30, 0.00, 5761.30, 0,	25.5, 2880.0, 1.3, 1.000, 2, 0.5, 3001.0, 3180.0, 0.00, 0.0, 2.00, 25.50, 2880.00, 25.50, 2881.30, 0.00, 5761.30, 0,
Profile #7	**Profile #8**	**Profile #9**	**Profile #10**
29.5, 2880.0, 1.4, 1.000, 1, 1.0, 2911.0, 2946.0, 0.00, 0.0, 2.00, 29.50, 2880.00, 29.50, 2881.40, 0.00, 5761.40, 0,	29.5, 2880.0, 1.4, 1.000, 1, 1.0, 2911.0, 2961.0, 0.00, 0.0, 2.00, 29.50, 2880.00, 29.50, 2881.40, 0.00, 5761.40, 0,	29.5, 2880.0, 1.4, 1.000, 1, 1.0, 2911.0, 2971.0, 0.00, 0.0, 2.00, 29.50, 2880.00, 29.50, 2881.40, 0.00, 5761.40, 0,	29.5, 2880.0, 1.4, 1.000, 1, 1.0, 2911.0, 3031.0, 0.00, 0.0, 2.00, 29.50, 2880.00, 29.50, 2881.40, 0.00, 5761.40, 0,
Profile #11	**Profile #12**	**Profile #13**	**Profile #15**
29.5, 2880.0, 1.4, 1.000, 1, 0.5, 2911.0, 3031.0, 0.00, 0.0, 2.00, 29.50, 2880.00, 29.50, 2881.40, 0.00, 5761.40, 0,	29.5, 2880.0, 1.4, 1.000, 1, 0.5, 3001.0, 3241.0, 0.00, 0.0, 2.00, 29.50, 2880.00, 29.50, 2881.40, 0.00, 5761.40, 0,	29.5, 2880.0, 1.4, 1.000, 1, 0.5, 0.00, 0.0, 2.00, 29.50, 2880.00, 29.50, 2881.40, 0.00, 5761.40, 0,	60.0, 10320.0, 1200.0, 1.000, 1, 1.0, 10579.0, 11299.0, 0.00, 0.00, 10.00, 60.00, 7200.00, 60.00, 7202.00, 100.00, 7680.00, 100.00, 7682.00, 60.00, 10320.00, 60.00, 10461.00, 45.00, 10680.00, 30.00, 10750.00, 25.00, 10831.00, 20.00, 10980.00, 15.00, 11142.00, 10.00, 11308.00, 5.00, 11520.00, 0.00, 14400.00, 0.00,

Profile #17	Profile #19	Profile #22	Profile #23
60.0, 11760.0, 1200.0, 1.000, 1, 0.5, 12420.0, 13140.0, 0.00, 0.00, 2.00, 60.00, 8760.00, 60.00, 8764.00, 150.00, 8880.00, 150.00, 8882.20, 90.00, 8902.00, 90.00, 8902.50, 80.00, 8942.00, 80.00, 8942.50, 70.00, 9042.00, 70.00, 9042.50, 60.00, 11760.00, 60.00, 11911.00, 45.00, 12120.00, 30.00, 12271.00, 20.00, 12418.00, 15.00, 12582.00, 10.00, 12748.00, 5.00, 12960.00, 0.00, 15840.00, 0.00,	132, 7203, 3094, 1.00, 1.0, 1.0, 9455.0, 10175.0, 0.00, 0.0, 12.40, 132, 25.13, 132, 3.30, 1.0, 4258.00, 132, 1.00, 2.0, 4274.00, 198, 4557.50, 198, 4562.10, 132, 3.30, 1.0, 5757.50, 132, 1.00, 1.0, 7203.70, 132, 7331.00, 121, 7444.00, 112, 7558.00, 112, 7677.00, 102, 7797.00, 94, 8025.00, 78, 8398.00, 78, 8639.00, 61, 8901.00, 47, 8998.00, 47, 9298.00, 31, 9478.00, 23, 9836.00, 23, 10022.00, 13, 10149.30, 8, 10175.00, 6, 10270.60, 1, 10297.70, 0, 13177.70, 0,	132, 6944.0, 3094.02, 1.00, 1, 1.0, 9213.0, 9933.0, 0.00, 0.0, 17.42, 132, 20.50, 132, 3.30,1.0, 3998.00, 132, 1.00,1.0, 4011.00, 162, 4016.00, 198, 4298.00, 198, 4307.00, 132, 4330.00, 132, 3.30,1.0, 5498.00, 132, 1.00,1.0, 6944.00, 132, 6999.00, 122, 7172.00, 112, 7304.00, 112, 7424.00, 102, 7558.00, 92, 7718.00, 81, 7778.00, 78, 8138.00, 78, 8379.00, 61, 8678.00, 47, 8738.00, 47, 8854.50, 41, 9038.00, 32, 9200.20, 23, 9501.20, 23, 9758.00, 13, 9937.00, 5, 10038.02, 0.0, 12918.02, 0,	132, 6944.0, 3094.02, 1.00, 1, 1.0, 9758.0, 10478.0, 0.00, 0.0, 17.42, 132, 20.50, 132, 3.30,1.0, 3998.00, 132, 1.00,1.0, 4011.00, 162, 4016.00, 198, 4298.00, 198, 4307.00, 132, 4330.00, 132, 3.30,1.0, 5498.00, 132, 1.00,1.0, 6944.00, 132, 6999.00, 122, 7172.00, 112, 7304.00, 112, 7424.00, 102, 7558.00, 92, 7718.00, 81, 7778.00, 78, 8138.00, 78, 8379.00, 61, 8678.00, 47, 8738.00, 47, 8854.50, 41, 9038.00, 32, 9200.20, 23, 9501.20, 23, 9758.00, 13, 9937.00, 5, 10038.02, 0.0, 12918.02, 0,

Profile #26	Profile #31	Profile #33	Profile #34
132, 3600.0, 3908.0, 1.00, 1.0, 1.0, 6609.0, 7329.0, 0.00, 0, 20.00, 132, 3.30, 2.0, 723.00, 132, 1.00, 2.0, 3580.00, 132, 3.50, 15.0,, 3600.00, 132, 3840.00, 122, 4123.00, 110, 4560.00, 92, 4861.00, 79, 5100.00, 68, 5340.00, 59, 5594.00, 49, 5640.00, 47, 1.00, 1.0, 5828.00, 39, 6141.00, 29, 6488.00, 19, 6928.00, 9, 7200.00, 5, 7393.00, 1, 7500.00, 1, 7508.00, 0, 10388.00, 0,	111.0, 2880.0, 3710.0, 1.000, 1, 1.0, 2880.0, 3175.0, 0.00, 0.00, 12.50, 111.00, 20.00, 111.00, 3.400, 1.00 2880.00, 111.00, 2881.80, 60.00, 4320.00, 60.00, 4905.00, 40.00, 5205.00, 30.00, 1.000, 5.00 5380.00, 25.00, 5560.00, 20.00, 5778.00, 15.00, 6120.00, 10.00, 6397.00, 5.00, 6590.00, 0.00, 9470.00, 0.00,	111.0, 2880.0, 5820.0, 1.000, 1, 1.0, 4631.0, 5351.0, 0.00, 0.00, 12.50, 111.00, 20.00, 111.00, 3.400, 1.00 2880.00, 111.00, 2881.80, 60.00, 4320.00, 60.00, 4905.00, 40.00, 5205.00, 30.00, 1.000, 5.00 5380.00, 25.00, 5416.00, 25.00, 5418.00, 35.00, 5428.00, 35.00, 5430.70, 45.00, 5527.00, 45.00, 5529.00, 55.00, 6240.00, 55.00, 6540.00, 38.00, 6940.00, 38.00, 7500.00, 20.00, 8030.00, 10.00, 8700.00, 0.00 11580.00, 0.00,	111.0, 2880.0, 2.9, 1.000, 3, 1.0, 2880.0, 3210.0, 0.00, 0.00, 12.50, 111.00, 20.00, 111.00, 3.400, 1.00 2880.00, 111.00, 2882.90, 55.00, 5762.90, 55,

Profile #36	Profile #37	Profile #40
111.0, 2880.0, 5630.0, 1.00, 2, 1.0, 2880.0, 3009.0, 0.00, 0, 14.48, 111, 19.52, 111, 3.40,1.0, 2880.00, 111, 2882.00, 60, 5762.00, 60,	111.0, 2880.0, 5630.0, 1.00, 1, 1.0, 5808.0, 6528.0, 0.00, 0, 14.48, 111, 19.52, 111, 3.40,1.0, 2880.00, 111, 2882.00, 60, 3277.45, 60, 3279.53, 70, 3303.02, 70, 3305.20, 80, 3318.07, 80, 3320.58, 90, 3960.00, 90, 4201.25, 81, 4530.00, 70, 4799.93, 61, 5118.67, 51, 5449.25, 40, 5736.83, 30, 1.00,1.0, 5760.50, 29, 6123.37, 19, 6480.00, 11, 6528.00, 11, 9408.00, 11,	111.0, 2880.0, 5426.83, 1.00, 1, 1.0, 5252.0, 5972.0, 0.00, 0, 9.07, 111, 11.43, 111, 3.40,1.0, 2880.00, 111, 2882.76, 65, 4320.50, 65, 4445.68, 60, 4786.00, 49, 5078.00, 39.5, 5370.00, 30, 1.00,1.0, 5370.25, 29, 5730.02, 19, 5953.67, 14, 5972.00, 14, 5984.13, 14, 5987.72, 24, 5992.88, 24, 5995.00, 29, 6240.00, 29, 6939.80, 19, 7377.00, 9, 7620.00, 5, 7758.77, 1, 8306.00, 1, 8306.83, 0, 11186.83, 0,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ASATNSM 3
ASATNSM 4
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19
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6
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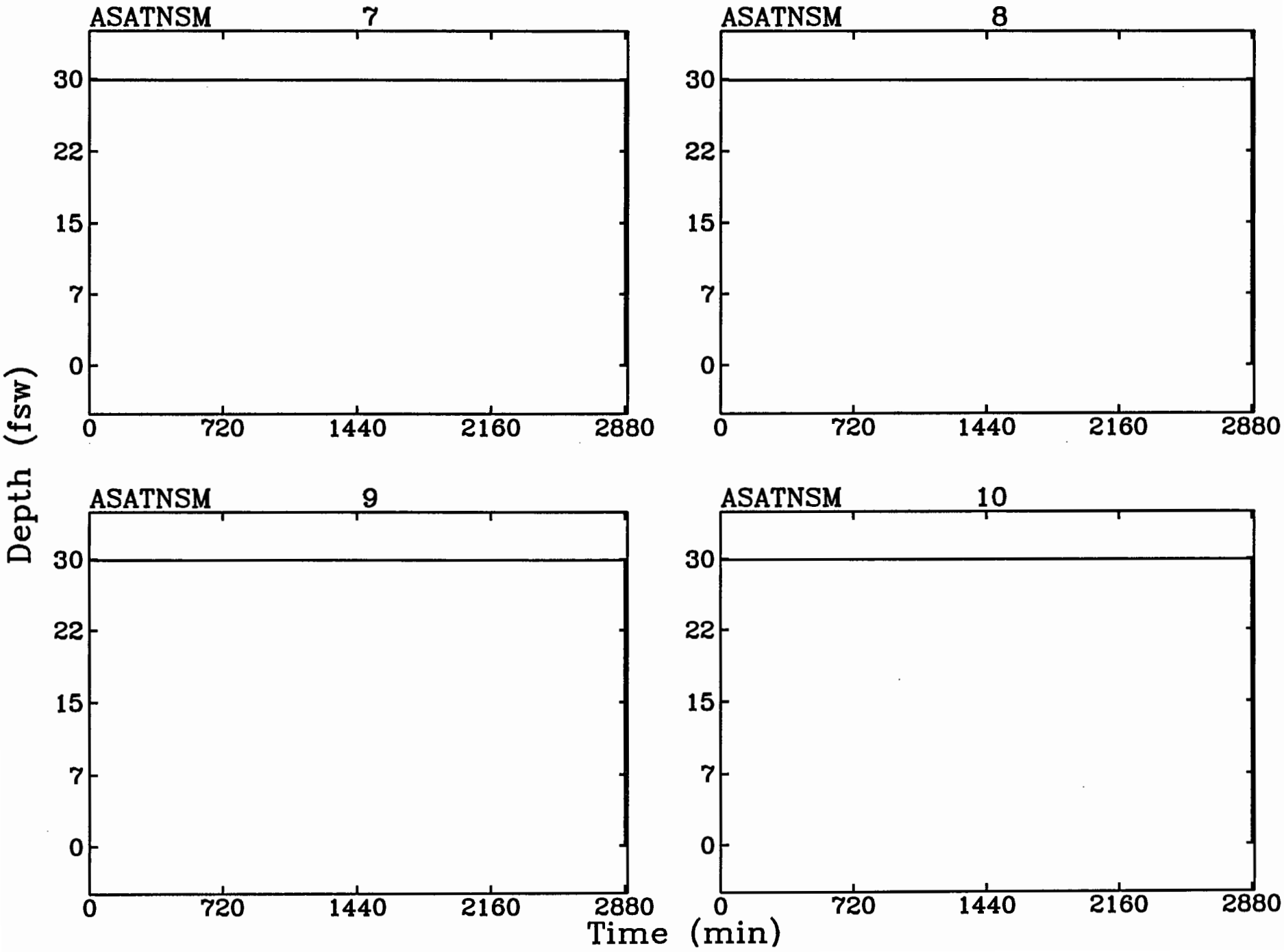
720
1440
2160
2880
Depth (fsw)
Time (min)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ASATNSM 8
ASATNSM 9
ASATNSM 10
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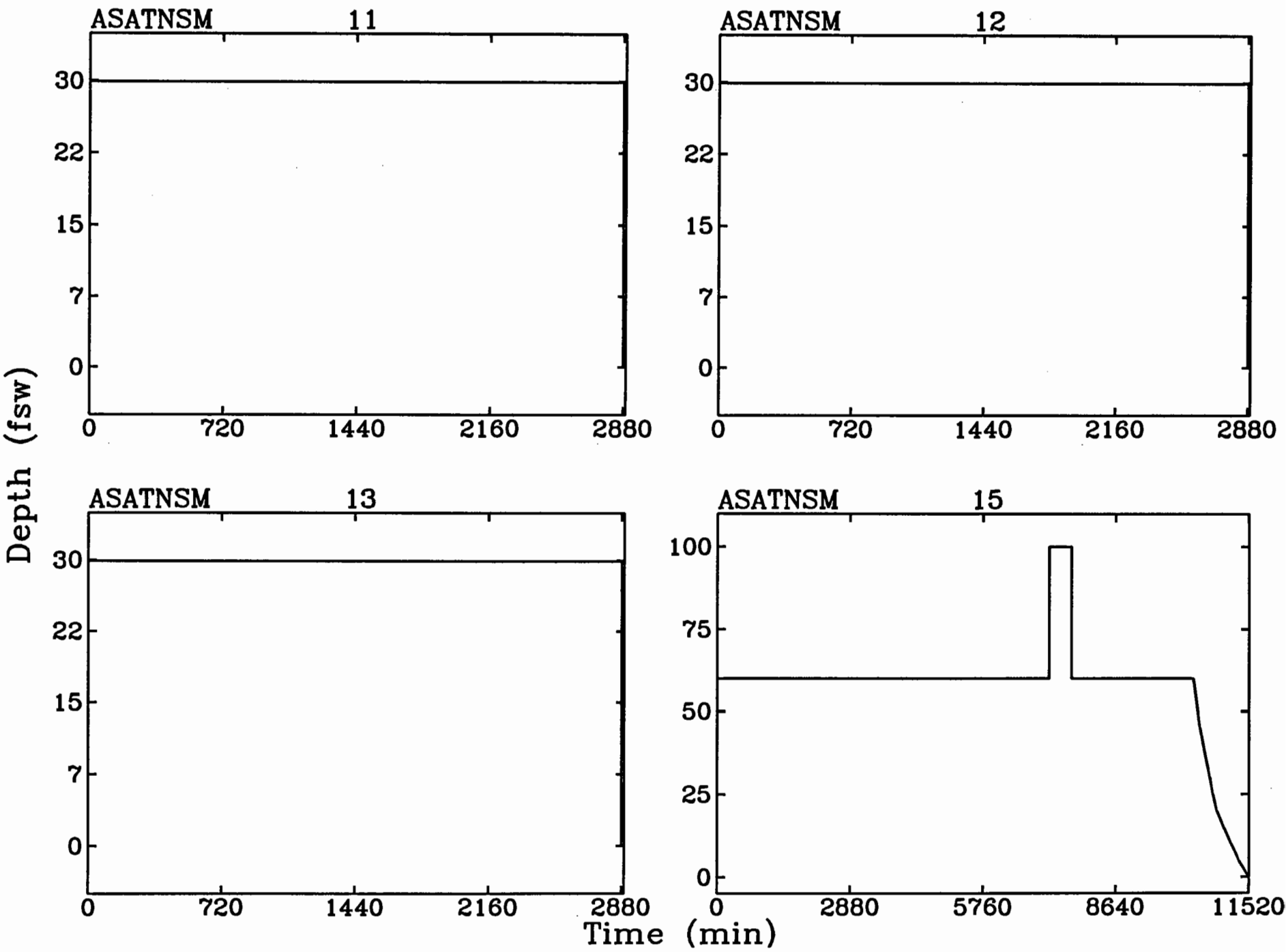
22
15
7
0
0
720
1440
2160
2880
Depth (fsw)
Time (min)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ASATNSM 12
ASATNSM 13
ASATNSM 15
Depth (fsw)
Time (min)
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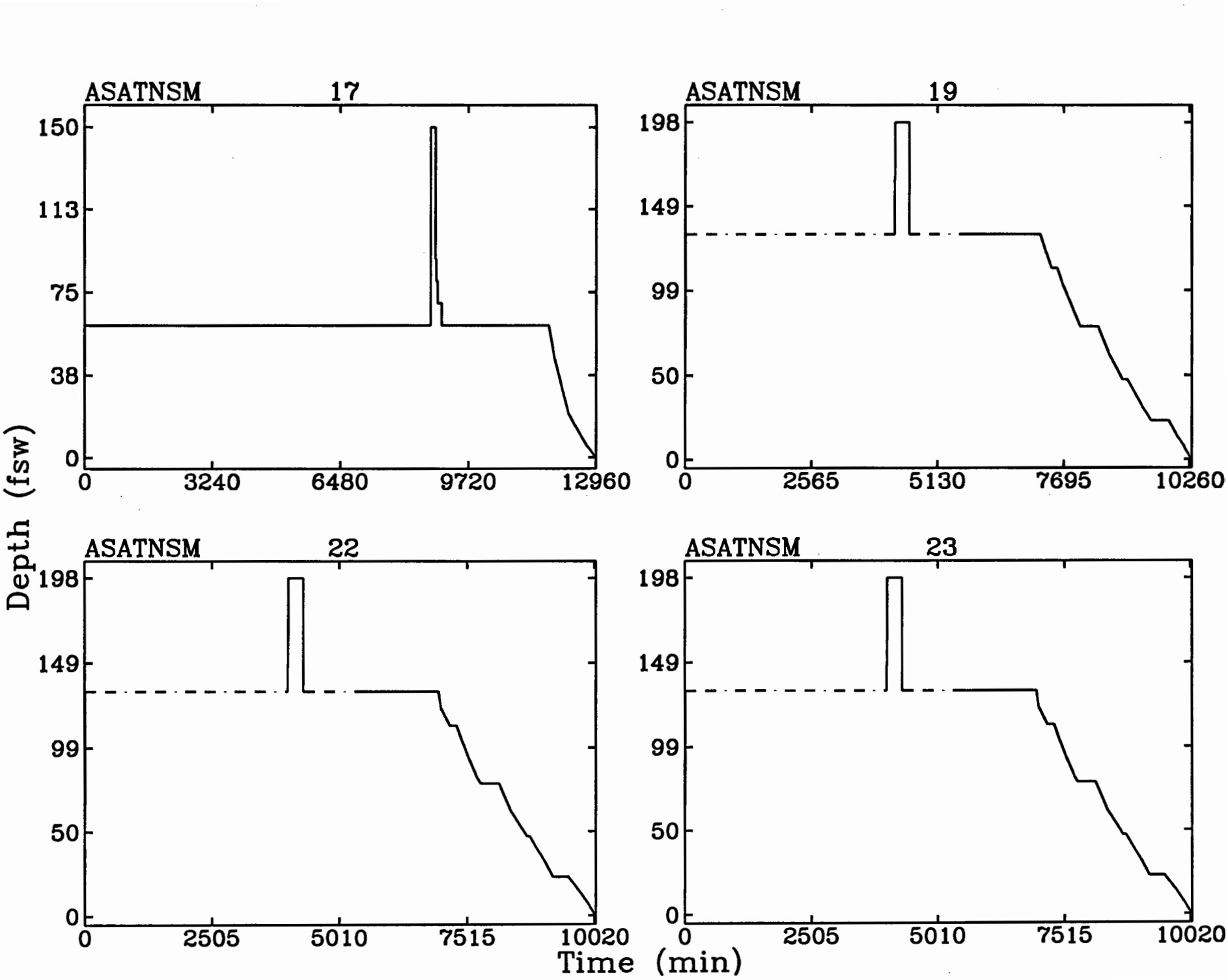
1440
2160
2880
5760
8640
11520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2565
5130
7695
10260
ASATNSM 22
198
149
99
50
0
0
2505
5010
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10020
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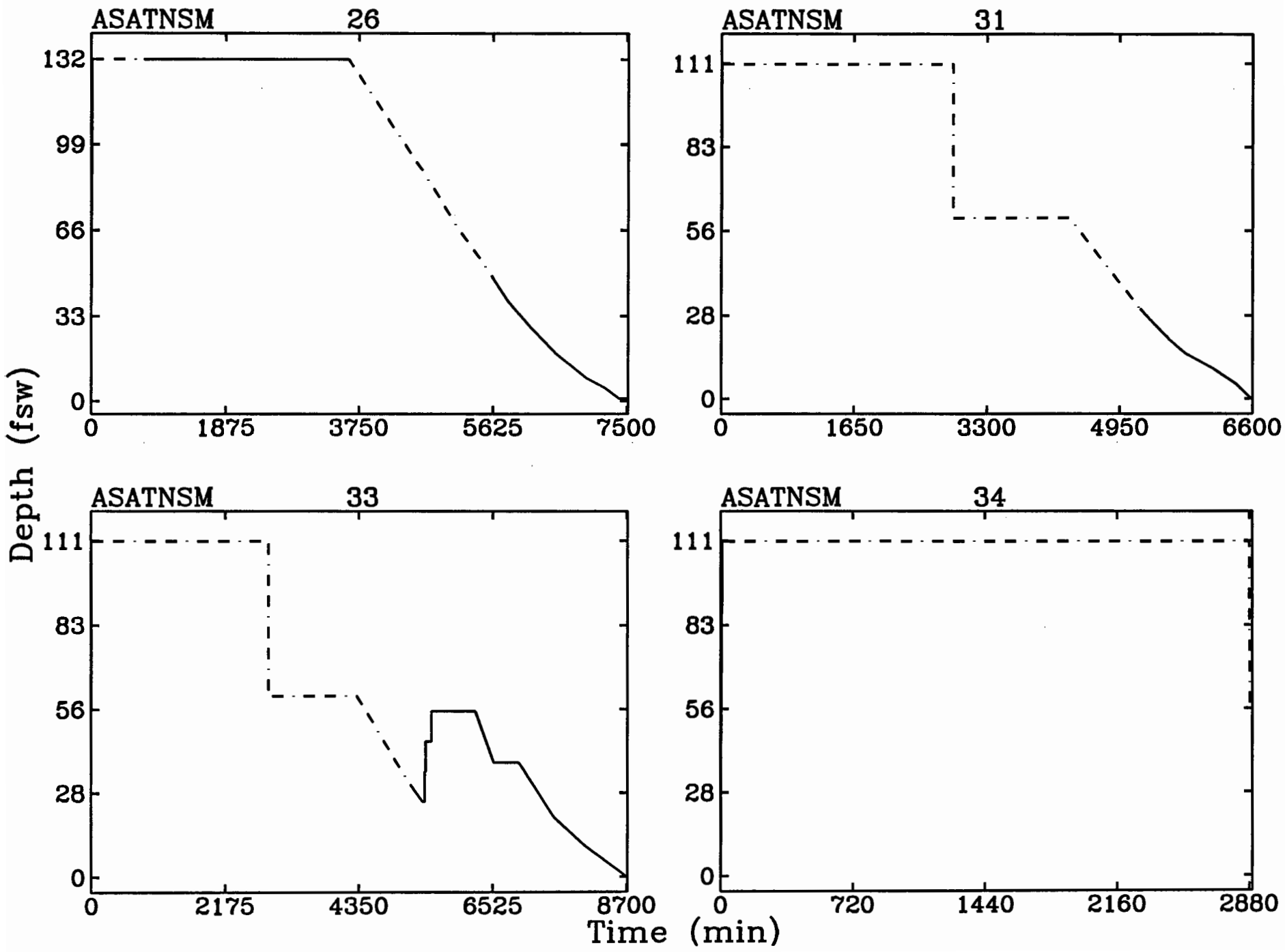
2505
5010
7515
10020
Depth (fsw)
Time (min)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7500
ASATNSM 31
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1650
3300
4950
6600
ASATNSM 33
111
83
56
28
0
0
2175
4350
6525
8700
ASATNSM 34
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83
56
28
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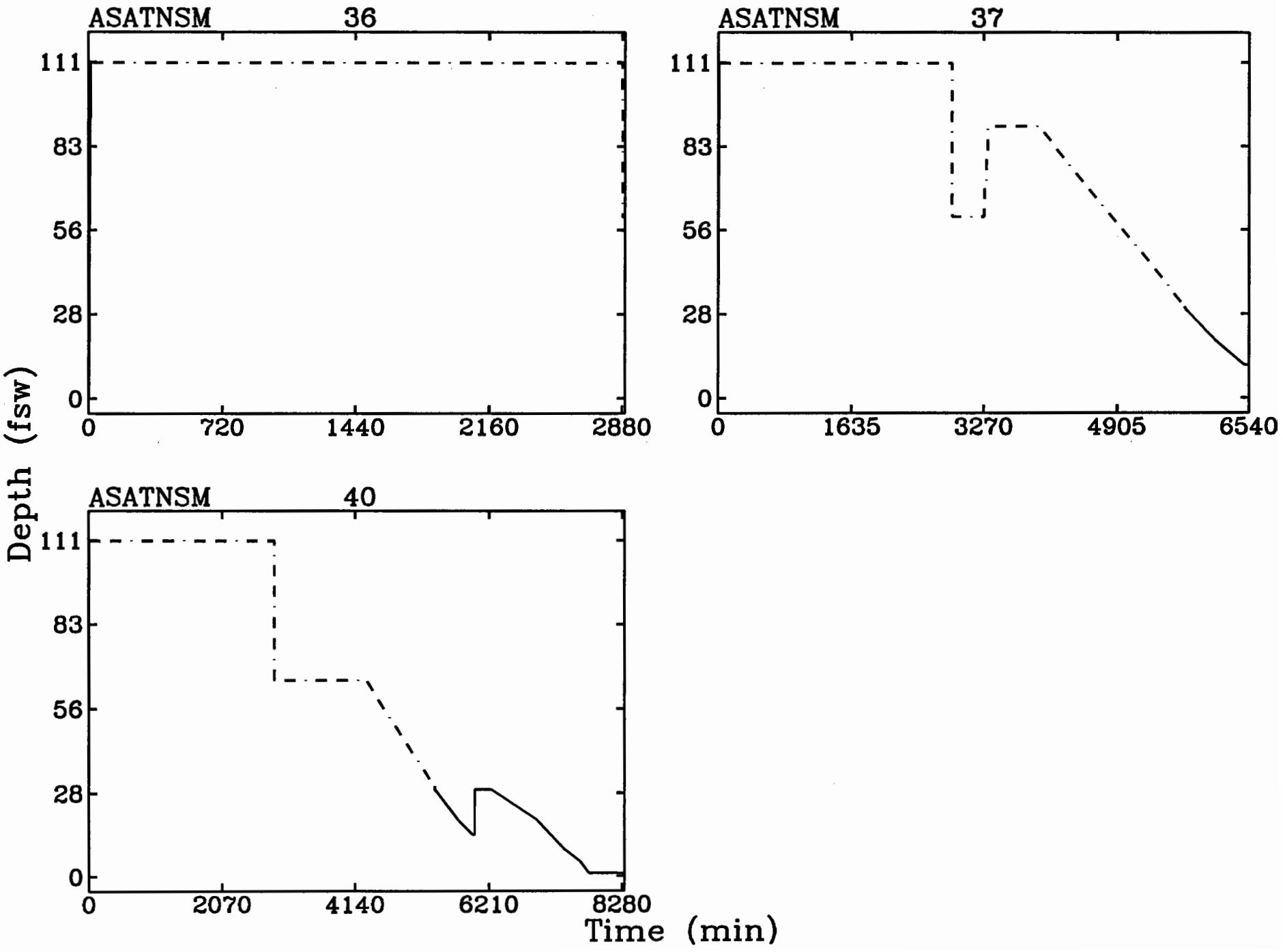
1440
2160
2880
Depth (fsw)
Time (min)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1440
2160
2880
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28
0
0
1635
3270
4905
6540
ASATNSM 40
111
83
56
28
0
0
2070
4140
6210
8280
Depth (fsw)
Time (min)

SECTION VI: SATURATION

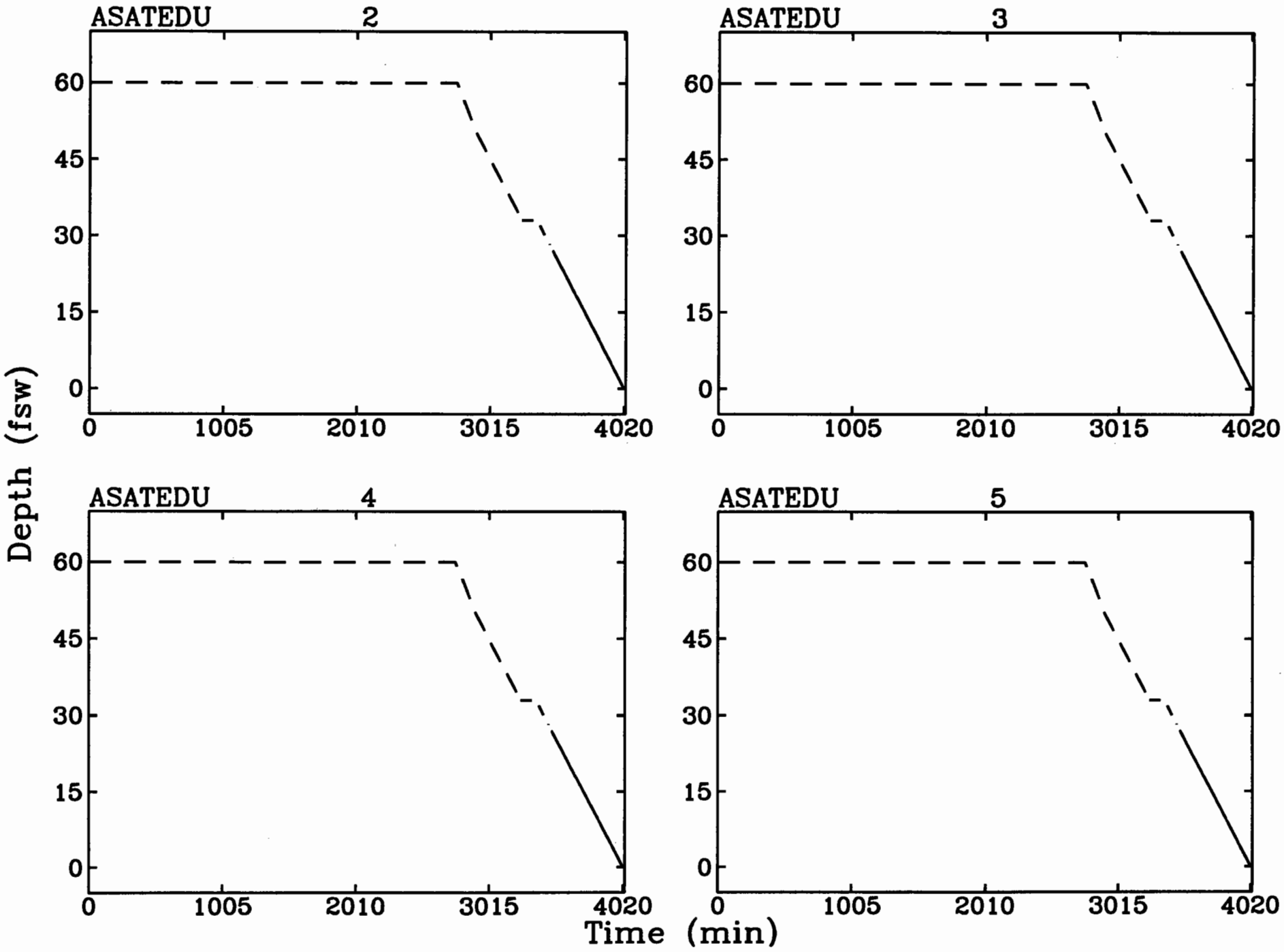
C. ASATEDU 120 Dives: 13 DCS, 27 Marginal

Profile #2	Profile #3	Profile #4	Profile #5
60.0, 2760.0, 1260.0, 1.000, 1, 1.0, 3225.0, 3945.0, 0.00, 0.00, 4.00, 60.00, 5.00, 60.00, 2.180, 2755.00 2760.00, 60.00, 2910.00, 50.00, 3110.00, 40.00, 3251.00, 33.00, 3.380, 60.00 3360.00, 33.00, 3480.00, 27.00, 1.000, 1.00 3660.00, 18.00, 3840.00, 9.00, 3930.00, 4.50, 4020.00, 0.00, 6900.00, 0.00,	60.0, 2760.0, 1260.0, 1.000, 1, 1.0, 3270.0, 3990.0, 0.00, 0.00, 4.00, 60.00, 5.00, 60.00, 2.180, 2755.00 2760.00, 60.00, 2910.00, 50.00, 3110.00, 40.00, 3251.00, 33.00, 3.380, 60.00 3360.00, 33.00, 3480.00, 27.00, 1.000, 1.00 3660.00, 18.00, 3840.00, 9.00, 3930.00, 4.50, 4020.00, 0.00, 6900.00, 0.00,	60.0, 2760.0, 1260.0, 1.000, 1, 1.0, 3120.0, 3840.0, 0.00, 0.00, 4.00, 60.00, 5.00, 60.00, 2.180, 2755.00 2760.00, 60.00, 2910.00, 50.00, 3110.00, 40.00, 3251.00, 33.00, 3.380, 60.00 3360.00, 33.00, 3480.00, 27.00, 1.000, 1.00 3660.00, 18.00, 3840.00, 9.00, 3930.00, 4.50, 4020.00, 0.00, 6900.00, 0.00,	60.0, 2760.0, 1260.0, 1.000, 1, 1.0, 4140.0, 6900.0, 0.00, 0.00, 4.00, 60.00, 5.00, 60.00, 2.180, 2755.00 2760.00, 60.00, 2910.00, 50.00, 3110.00, 40.00, 3251.00, 33.00, 3.380, 60.00 3360.00, 33.00, 3480.00, 27.00, 1.000, 1.00 3660.00, 18.00, 3840.00, 9.00, 3930.00, 4.50, 4020.00, 0.00, 6900.00, 0.00,
Profile #7	**Profile #8**	**Profile #9**	
60.0, 4896.0, 1620.0, 1.000, 1, 1.0, 5946.0, 6666.0, 0.00, 0.00, 5.00, 60.00, 4896.00, 60.00, 5047.00, 50.00, 5166.00, 44.00, 5266.00, 39.00, 5616.00, 39.00, 5856.00, 27.00, 6096.00, 15.00, 6216.00, 15.00, 6336.00, 9.00, 6456.00, 3.00, 6516.00, 0.00, 6896.00, 0.00,	60.0, 4896.0, 1620.0, 1.000, 1, 1.0, 6006.0, 6726.0, 0.00, 0.00, 5.00, 60.00, 4896.00, 60.00, 5047.00, 50.00, 5166.00, 44.00, 5266.00, 39.00, 5616.00, 39.00, 5856.00, 27.00, 6096.00, 15.00, 6216.00, 15.00, 6336.00, 9.00, 6456.00, 3.00, 6516.00, 0.00, 6896.00, 0.00,	60.0, 4896.0, 1620.0, 1.000, 1, 1.0, 5916.0, 6636.0, 0.00, 0.00, 5.00, 60.00, 4896.00, 60.00, 5047.00, 50.00, 5166.00, 44.00, 5266.00, 39.00, 5616.00, 39.00, 5856.00, 27.00, 6096.00, 15.00, 6216.00, 15.00, 6336.00, 9.00, 6456.00, 3.00, 6516.00, 0.00, 6896.00, 0.00,	

Profile #11	Profile #12	Profile #14	Profile #16
60.0, 5655.0, 1645.0, 1.000, 1, 1.0, 6730.0, 7450.0, 0.00, 0.00, 4.00, 51.00, 11.00, 51.00, 12.00, 60.00, 5655.00, 60.00, 5658.00, 50.00, 5815.00, 42.00, 5975.00, 34.00, 6135.00, 26.00, 6375.00, 26.00, 6504.00, 18.00, 6623.00, 12.00, 7095.00, 12.00, 7100.00, 10.00, 7135.00, 10.00, 7140.00, 8.00, 7175.00, 8.00, 7180.00, 6.00, 7215.00, 6.00, 7220.00, 4.00, 7255.00, 4.00, 7260.00, 2.00, 7295.00, 2.00, 7300.00, 0.00, 10180.00, 0.00,	60.0, 5655.0, 1645.0, 1.000, 3, 0.5, 0.00, 0.00, 4.00, 51.00, 11.00, 51.00, 12.00, 60.00, 5655.00, 60.00, 5658.00, 50.00, 5815.00, 42.00, 5975.00, 34.00, 6135.00, 26.00, 6375.00, 26.00, 6504.00, 18.00, 6623.00, 12.00, 7095.00, 12.00, 7100.00, 10.00, 7135.00, 10.00, 7140.00, 8.00, 7175.00, 8.00, 7180.00, 6.00, 7215.00, 6.00, 7220.00, 4.00, 7255.00, 4.00, 7260.00, 2.00, 7295.00, 2.00, 7300.00, 0.00, 10180.00, 0.00,	60.0, 5820.0, 740.0, 1.000, 1, 1.0, 5820.0, 6560.0, 0.00, 0.00, 5.50, 60.00, 5820.00, 60.00, 5821.80, 40.00, 6020.00, 30.00, 6260.00, 22.00, 6440.00, 16.00, 6560.00, 12.00, 6660.00, 12.00, 6665.00, 28.00, 6800.00, 28.00, 7040.00, 18.00, 7280.00, 10.00, 7460.00, 7.00, 7640.00, 4.00, 7880.00, 4.00, 7881.00, 0.00, 10761.00, 0.00,	60.0, 5896.0, 1622.0, 1.000, 4, 0.5, 0.00, 0.00, 8.00, 58.00, 10.00, 60.00, 5896.00, 60.00, 5898.00, 40.00, 6153.00, 40.00, 6316.00, 30.00, 6556.00, 22.00, 6796.00, 14.00, 6918.00, 10.00, 7035.00, 10.00, 7036.00, 8.00, 7155.00, 8.00, 7156.00, 6.00, 7275.00, 6.00, 7276.00, 4.00, 7517.00, 4.00, 7518.00, 0.00, 10398.00, 0.00,

Profile #17	Profile #18	Profile #19	Profile #20
60.0, 5896.0, 1622.0, 1.000, 1, 1.0, 6797.0, 7517.0, 0.00, 0.00, 8.00, 58.00, 10.00, 60.00, 5896.00, 60.00, 5898.00, 40.00, 6153.00, 40.00, 6316.00, 30.00, 6556.00, 22.00, 6796.00, 14.00, 6918.00, 10.00, 7035.00, 10.00, 7036.00, 8.00, 7155.00, 8.00, 7156.00, 6.00, 7275.00, 6.00, 7276.00, 4.00, 7517.00, 4.00, 7518.00, 0.00, 10398.00, 0.00,	60.0, 5569.0, 1763.0, 1.000, 10, 0.5, 0.00, 0.00, 4.00, 60.00, 2.180, 2160.00 5569.00, 60.00, 5570.00, 58.00, 5850.00, 44.00, 6010.00, 36.00, 6130.00, 30.00, 6310.00, 24.00, 6430.00, 20.00, 6610.00, 14.00, 6730.00, 10.00, 6850.00, 8.00, 6970.00, 6.00, 7090.00, 4.00, 7329.00, 4.00, 7332.00, 0.00, 1.000, 1.00 10212.00, 0.00,	60.0, 5583.0, 1760.0, 1.000, 1, 1.0, 7463.0, 7823.0, 0.00, 0.00, 6.00, 60.00, 7.00, 60.00, 2.180, 2160.00 2887.00, 60.00, 2.190, 5.00 2892.00, 165.00, 2937.00, 165.00, 2.180, 4.00 2941.00, 60.00, 5583.00, 60.00, 5584.00, 58.00, 5744.00, 50.00, 5944.00, 40.00, 6144.00, 30.00, 6324.00, 24.00, 6534.00, 16.00, 6744.00, 10.00, 6984.00, 6.00, 7104.00, 4.00, 7338.00, 4.00, 7343.00, 0.00, 1.000, 1.00 10223.00, 0.00,	60.0, 5583.0, 1760.0, 1.000, 7, 0.5, 0.00, 0.00, 6.00, 60.00, 7.00, 60.00, 2.180, 2160.00 2887.00, 60.00, 2.190, 5.00 2892.00, 165.00, 2937.00, 165.00, 2.180, 4.00 2941.00, 60.00, 5583.00, 60.00, 5584.00, 58.00, 5744.00, 50.00, 5944.00, 40.00, 6144.00, 30.00, 6324.00, 24.00, 6534.00, 16.00, 6744.00, 10.00, 6984.00, 6.00, 7104.00, 4.00, 7338.00, 4.00, 7343.00, 0.00, 1.000, 1.00 10223.00, 0.00,

Profile #21	Profile #25	Profile #28	Profile #32
60.0, 5583.0, 1760.0, 1.000, 2, 0.5, 0.00, 0.00, 6.00, 60.00, 7.00, 60.00, 2.180, 2160.00 2941.00, 60.00, 5583.00, 60.00, 5584.00, 58.00, 5744.00, 50.00, 5944.00, 40.00, 6144.00, 30.00, 6324.00, 24.00, 6534.00, 16.00, 6744.00, 10.00, 6984.00, 6.00, 7104.00, 4.00, 7338.00, 4.00, 7343.00, 0.00, 1.000, 1.00 10223.00, 0.00,	60.0, 5643.0, 1841.0, 1.000, 1, 0.5, 5643.0, 6095.0, 0.00, 0.00, 6.00, 60.00, 5643.00, 60.00, 5644.00, 30.00, 6095.00, 30.00, 6105.00, 20.00, 6724.00, 20.00, 6734.00, 10.00, 7474.00, 10.00, 7484.00, 0.00, 10364.00, 0.00,	60.0, 4374.0, 2162.0, 1.000, 1, 1.0, 6656.0, 7231.0, 0.00, 0.00, 5.00, 60.00, 2856.00, 60.00, 2862.00, 94.00, 3104.00, 94.00, 3124.00, 85.00, 3143.00, 85.00, 3160.00, 60.00, 4374.00, 60.00, 4375.00, 58.00, 4574.00, 50.00, 4734.00, 40.00, 5034.00, 30.00, 5334.00, 20.00, 5694.00, 14.00, 6054.00, 8.00, 6294.00, 4.00, 6534.00, 4.00, 6536.00, 0.00, 9416.00, 0.00,	50.0, 4320.0, 2884.0, 1.000, 1, 1.0, 4320.0, 7494.0, 0.00, 0.00, 1.00, 24.00, 2.00, 50.00, 12.00, 103.00, 17.00, 143.00, 299.00, 143.00, 302.00, 100.00, 315.00, 100.00, 316.00, 90.00, 358.00, 90.00, 359.00, 80.00, 441.00, 80.00, 442.00, 70.00, 458.00, 70.00, 549.00, 60.00, 731.00, 60.00, 732.00, 50.00, 4320.00, 50.00, 4321.00, 30.00, 4322.00, 24.00, 7201.00, 24.00, 7202.00, 7.00, 7203.00, 1.00, 7204.00, 0.00, 10084.00, 0.00,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ASATEDU 3
ASATEDU 4
ASATEDU 5
Depth (fsw)
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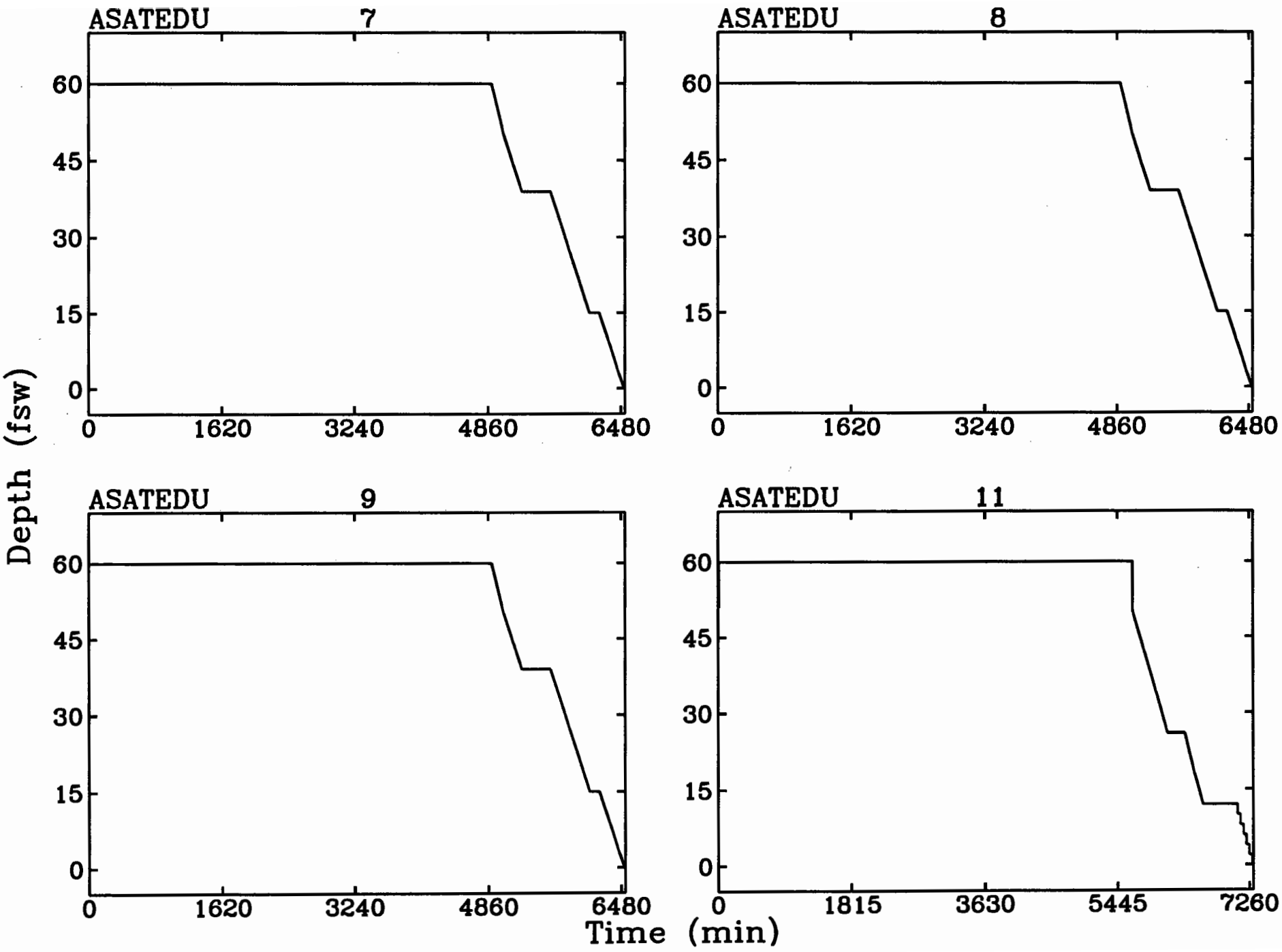
30
15
0
0
1005
2010
3015
4020
Time (min)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ASATEDU 8
ASATEDU 9
ASATEDU 11
Depth (fsw)
Time (min)
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45
60
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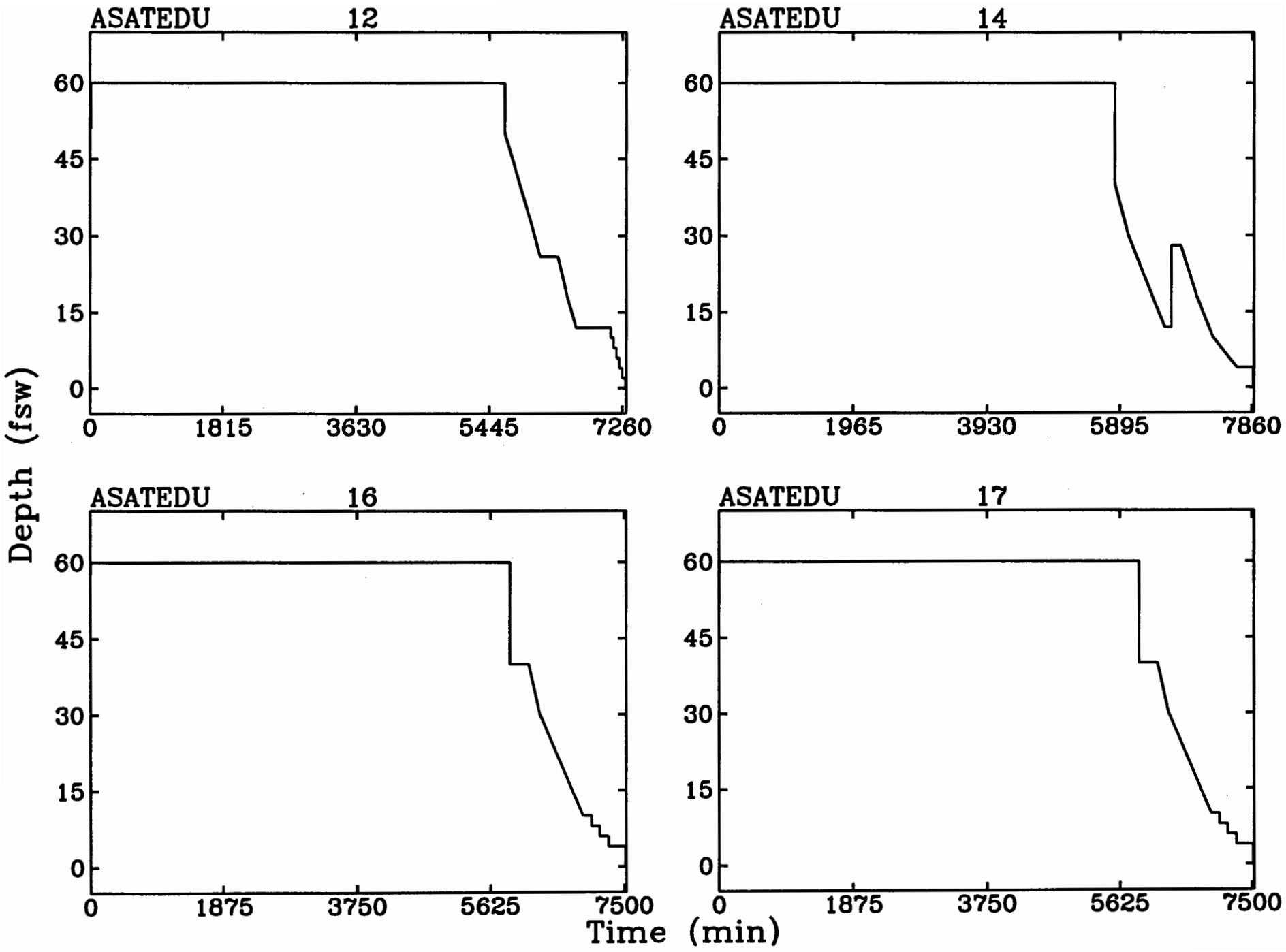
1620
3240
4860
6480
1815
3630
5445
7260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ASATEDU 14
ASATEDU 16
ASATEDU 17
Depth (fsw)
Time (min)
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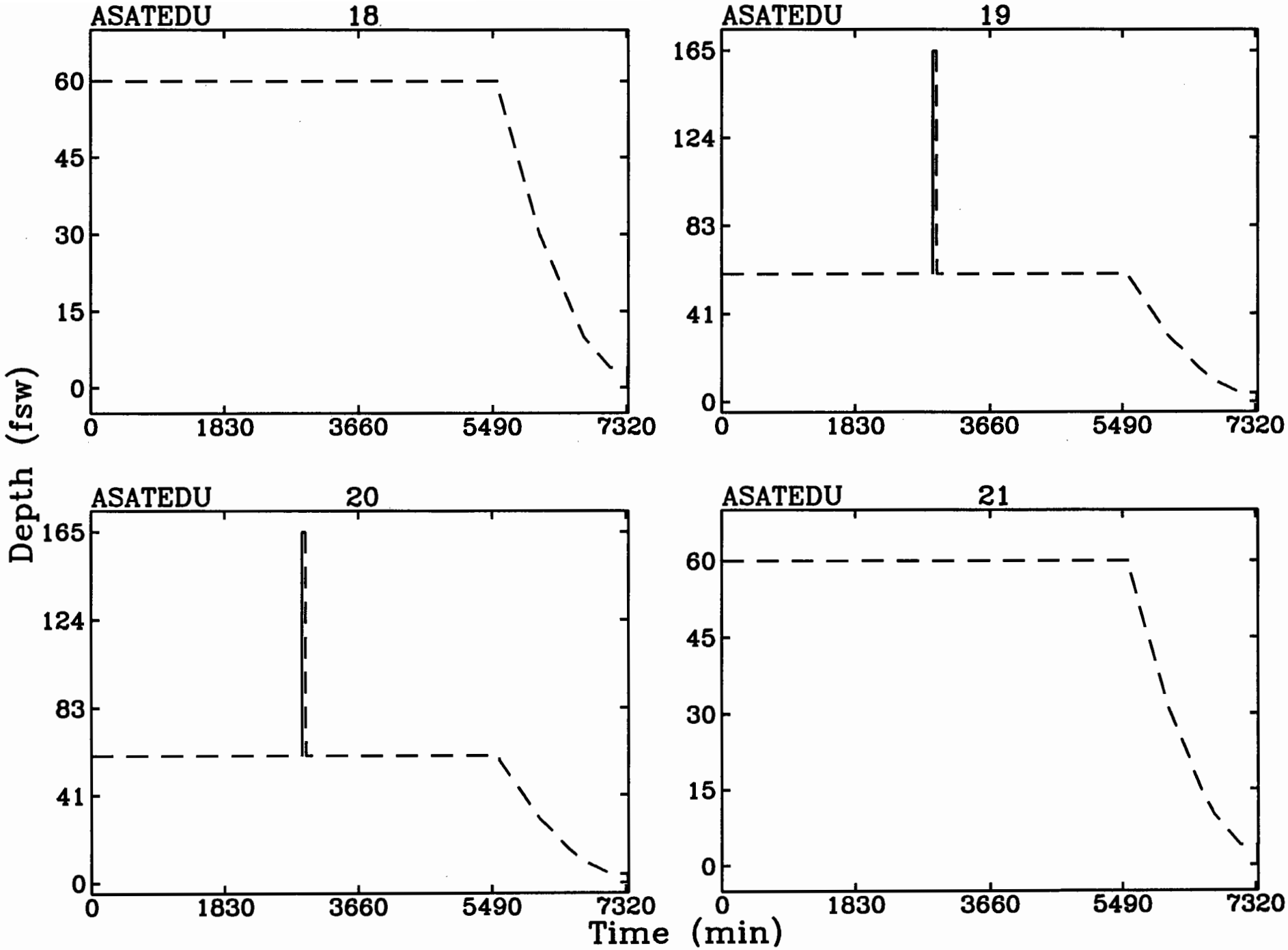
15
30
45
60
0
1815
3630
5445
7260
1965
3930
5895
7860
1875
3750
5625
7500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45
30
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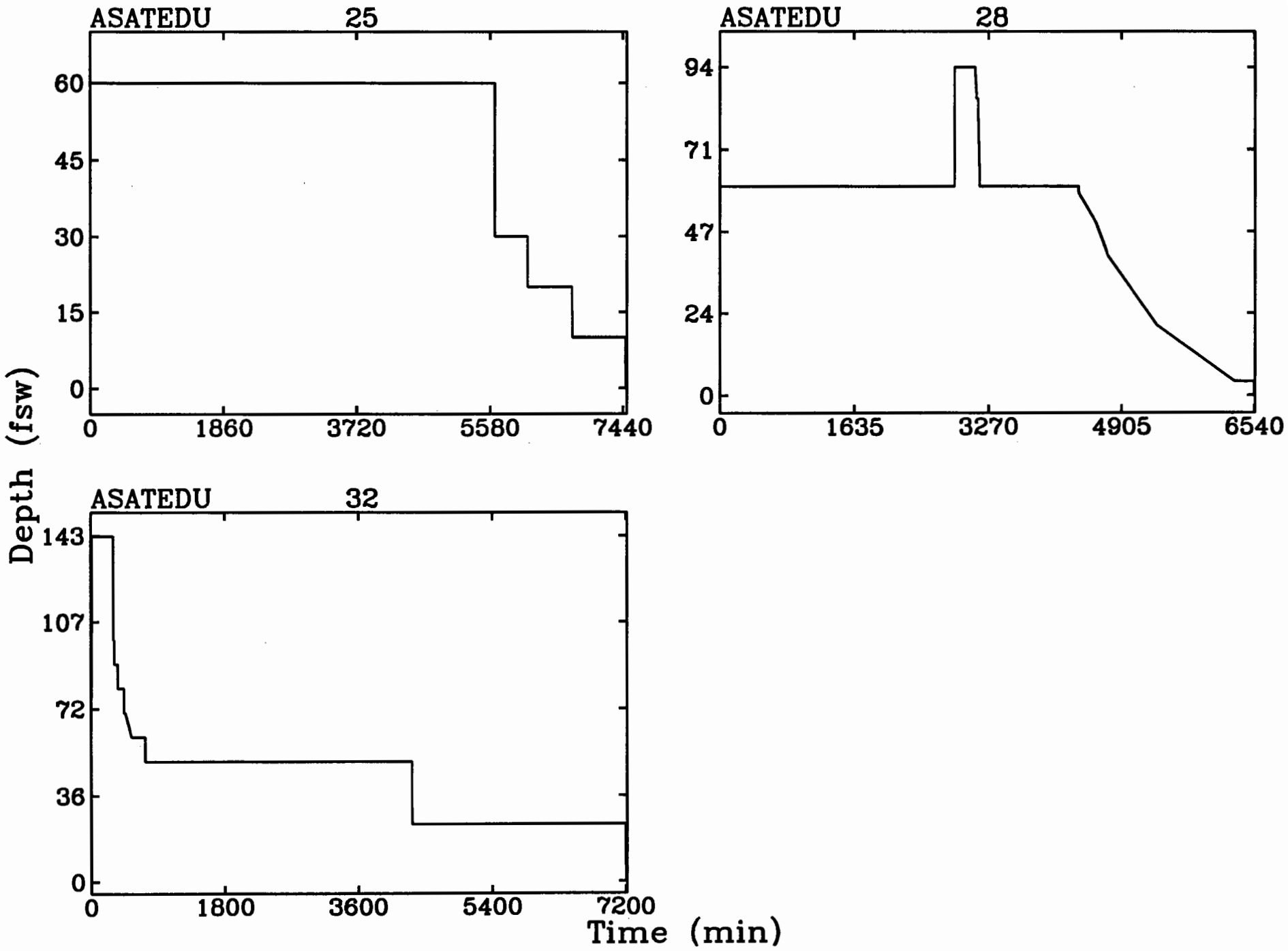
0
0
1830
3660
5490
7320
ASATEDU 19
165
124
83
41
0
0
1830
3660
5490
7320
ASATEDU 20
165
124
83
41
0
0
1830
3660
5490
7320
ASATEDU 21
60
45
30
15
0
0
1830
3660
5490
7320
Depth (fsw)
Time (min)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45
30
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0
1860
3720
5580
7440
ASATEDU 28
94
71
47
24
0
0
1635
3270
4905
6540
ASATEDU 32
143
107
72
36
0
0
1800
3600
5400
7200
Depth (fsw)
Time (min)

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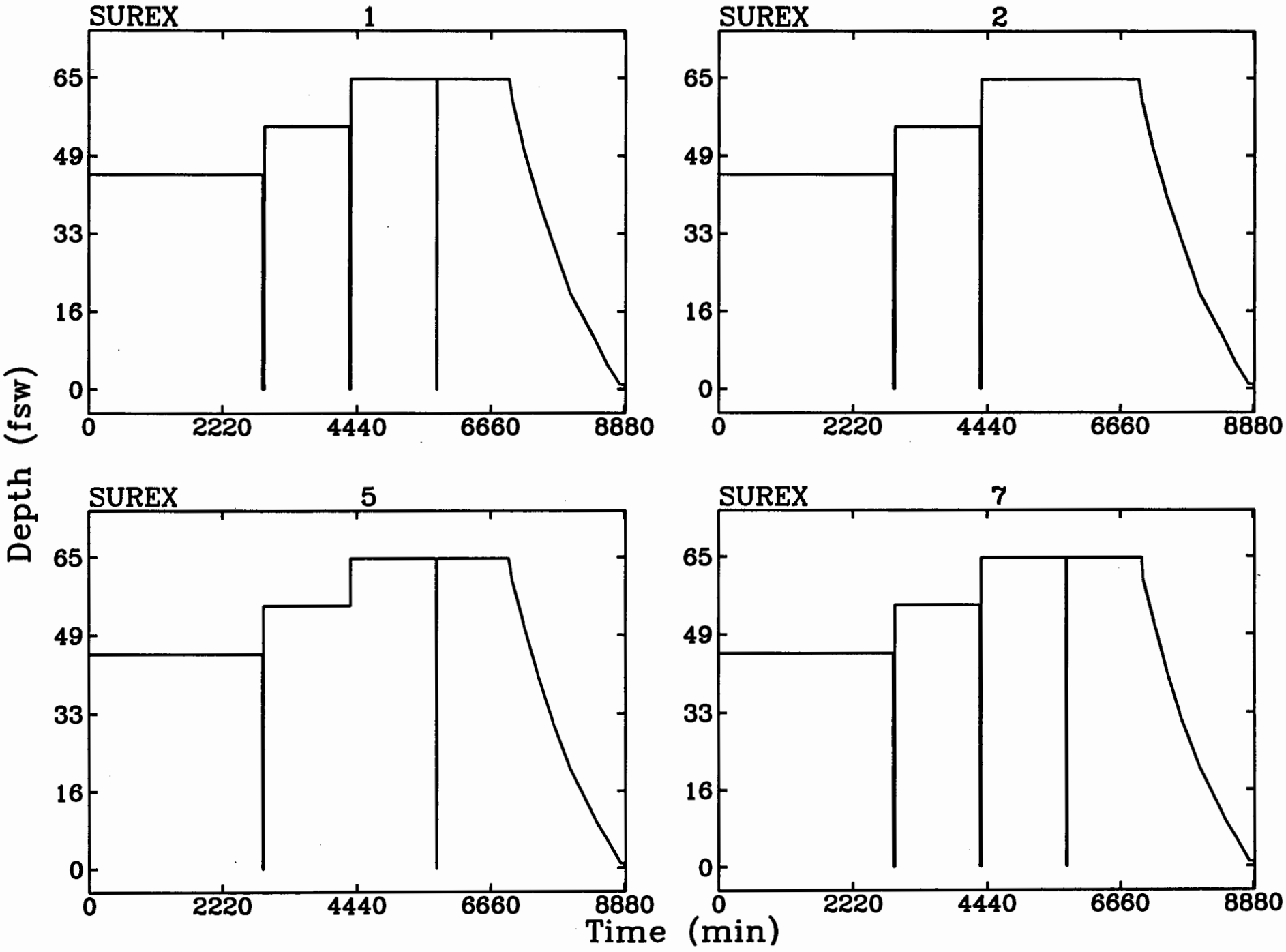
SECTION VI: SATURATION

D. SUREX & SUREXM 64 Dives: 5 DCS, 3 Marginal

Profile #1	Profile #2	Profile #5	Profile #7
65, 6960.0, 1926.0, 1.00, 1.0, 1.0, 4320.0, 4336.0, 0.0, 0, 5.0, 45, 2880.0, 45, 2881.0, 22.5, 2882.0, 0, 2910.0, 0, 2910.46, 27.5, 2910.92, 55, 4320.0, 55, 4321.03, 27.5, 4322.05, 0, 4337.08, 0, 4338.37, 32.5, 4339.67, 65, 5760.0, 65, 5761.09, 32.5, 5762.17, 0, 5767.0, 0, 5768.09, 32.5, 5769.17, 65, 6960.0, 65, 7028.0, 60, 7218.0, 50, 7440.0, 40, 7680.0, 31, 7980.0, 20, 8406.0, 10, 8599.0, 5, 8801.08, 1, 8880.0, 1, 8886.0, 0, 11766.0, 0,	65, 6960.0, 1926.0, 1.00, 1.0, 1.0, 4320.0, 4336.0, 0.0, 0, 5.0, 45, 2880.0, 45, 2881.0, 22.5, 2882.0, 0, 2910.0, 0, 2910.46, 27.5, 2910.92, 55, 4320.0, 55, 4321.03, 27.5, 4322.05, 0, 4337.08, 0, 4338.37, 32.5, 4339.67, 65, 4665.0, 65, 2.98, 1.0, 4685.0, 65, 1.00, 1.0, 4690.0, 65, 2.98, 1.0, 4710.0, 65, 1.00, 1.0, 4715.0, 65, 2.98, 1.0, 4735.0, 65, 1.00, 1.0, 4740.0, 65, 2.98, 1.0, 4760.0, 65, 1.00, 1.0, 4765.0, 65, 2.98, 1.0, 4785.0, 65, 1.00, 1.0, 6960.0, 65, 7028.0, 60, 7218.0, 50, 7440.0, 40, 7680.0, 31, 7980.0, 20, 8406.0, 10, 8599.0, 5, 8801.08, 1, 8880.0, 1, 8886.0, 0, 11766.0, 0,	65, 6960.0, 1926.0, 1.00, 1.0, 1.0, 2880.0, 2894.0, 0.0, 0, 1.62, 45, 2880.0, 45, 2881.0, 22.5, 2882.0, 0, 2895.0, 0, 2895.3, 27.5, 2896.0, 55, 4338.96, 55, 4339.33, 65, 5760.0, 65, 5761.0, 32.5, 5762.0, 0, 5767.0, 0, 5768.0, 32.5, 5769.0, 65, 6960.0, 65, 7027.0, 60, 7240.0, 50, 7463.0, 40, 7717.75, 30, 7980.0, 21, 8406.0, 10, 8640.0, 5, 8820.0, 1, 8880.0, 1, 8886.0, 0, 11766.0, 0,	65, 7020.0, 1866.0, 1.00, 1.0, 1.0, 8040.0, 8760.0, 0.0, 0, 1.97, 45, 2880.0, 45, 2880.5, 22.5, 2881.0, 0, 2910.0, 0, 2911.0, 27.5, 2912.0, 55, 4320.0, 55, 4321.0, 27.5, 4322.0, 0, 4337.0, 0, 4338.0, 32.5, 4339.0, 65, 5760.0, 65, 5761.0, 32.5, 5762.0, 0, 5770.0, 0, 5771.0, 32.5, 5772.0, 65, 7020.0, 65, 7049.33, 60, 7252.0, 50, 7463.0, 40, 7680.0, 31, 7980.0, 21, 8400.0, 10, 8632.75, 5, 8809.12, 1, 8880.0, 1, 8886.0, 0, 11766.0, 0,

Profile #10	**Profile #11**	**Profile #14**	**Profile #15**
65, 6960.0, 1926.0, 1.00, 1.0, 0.5, 4320.0, 4336.0, 0.0, 0, 2.0, 45, 2880.0, 45, 2880.67, 22.5, 2881.33, 0, 2910.0, 0, 2910.5, 22.5, 2911.0, 55, 4320.0, 55, 4321.09, 27.5, 4322.17, 0, 4337.0, 0, 4338.66, 25, 4339.33, 65, 5760.0, 65, 5761.22, 32.5, 5762.43, 0, 5770.0, 0, 5771.02, 32.5, 5772.03, 65, 6960.0, 65, 7028.0, 60, 7218.0, 50, 7438.0, 41, 7688.0, 30, 7980.0, 21, 8406.0, 9, 8608.68, 5, 8821.07, 1, 8885.08, 1, 8886.0, 0, 11766.0, 0,	65, 6960.0, 1926.0, 1.00, 1.0, 0.5, 5760.0, 5769.0, 0.0, 0, 2.0, 45, 2880.0, 45, 2880.67, 22.5, 2881.33, 0, 2910.0, 0, 2910.5, 22.5, 2911.0, 55, 4320.0, 55, 4321.09, 27.5, 4322.17, 0, 4337.0, 0, 4338.66, 25, 4339.33, 65, 5760.0, 65, 5761.22, 32.5, 5762.43, 0, 5770.0, 0, 5771.02, 32.5, 5772.03, 65, 6960.0, 65, 7028.0, 60, 7218.0, 50, 7438.0, 41, 7688.0, 30, 7980.0, 21, 8406.0, 9, 8608.68, 5, 8821.07, 1, 8885.08, 1, 8886.0, 0, 11766.0, 0,	75, 5460.0, 2048.0, 1.00, 1.0, 1.0, 4320.0, 4452.0, 0.0, 0, 2.0, 65, 2880.0, 65, 2881.17, 32.5, 2882.33, 0, 2893.17, 0, 2894.34, 37.5, 2895.5, 75, 4320.0, 75, 4321.17, 37.5, 4322.33, 0, 4330.0, 0, 4330.72, 25, 4332.93, 75, 5460.0, 75, 5540.0, 70, 5710.0, 59, 5900.0, 50, 6139.0, 39, 6370.0, 30, 6670.0, 20, 7040.5, 10, 7200.0, 6, 7440.0, 1, 7500.0, 1, 7508.0, 0, 10388.0, 0,	75, 5460.0, 2048.0, 1.00, 1.0, 0.5, 4320.0, 4323.5, 0.0, 0, 2.0, 65, 2880.0, 65, 2881.17, 32.5, 2882.33, 0, 2893.17, 0, 2894.34, 37.5, 2895.5, 75, 4320.0, 75, 4321.17, 37.5, 4322.33, 0, 4330.0, 0, 4330.72, 25, 4332.93, 75, 5460.0, 75, 5540.0, 70, 5710.0, 59, 5900.0, 50, 6139.0, 39, 6370.0, 30, 6670.0, 20, 7040.5, 10, 7200.0, 6, 7440.0, 1, 7500.0, 1, 7508.0, 0, 10388.0, 0,


SUREX 1
SUREX 2
SUREX 5
SUREX 7
Depth (fsw)
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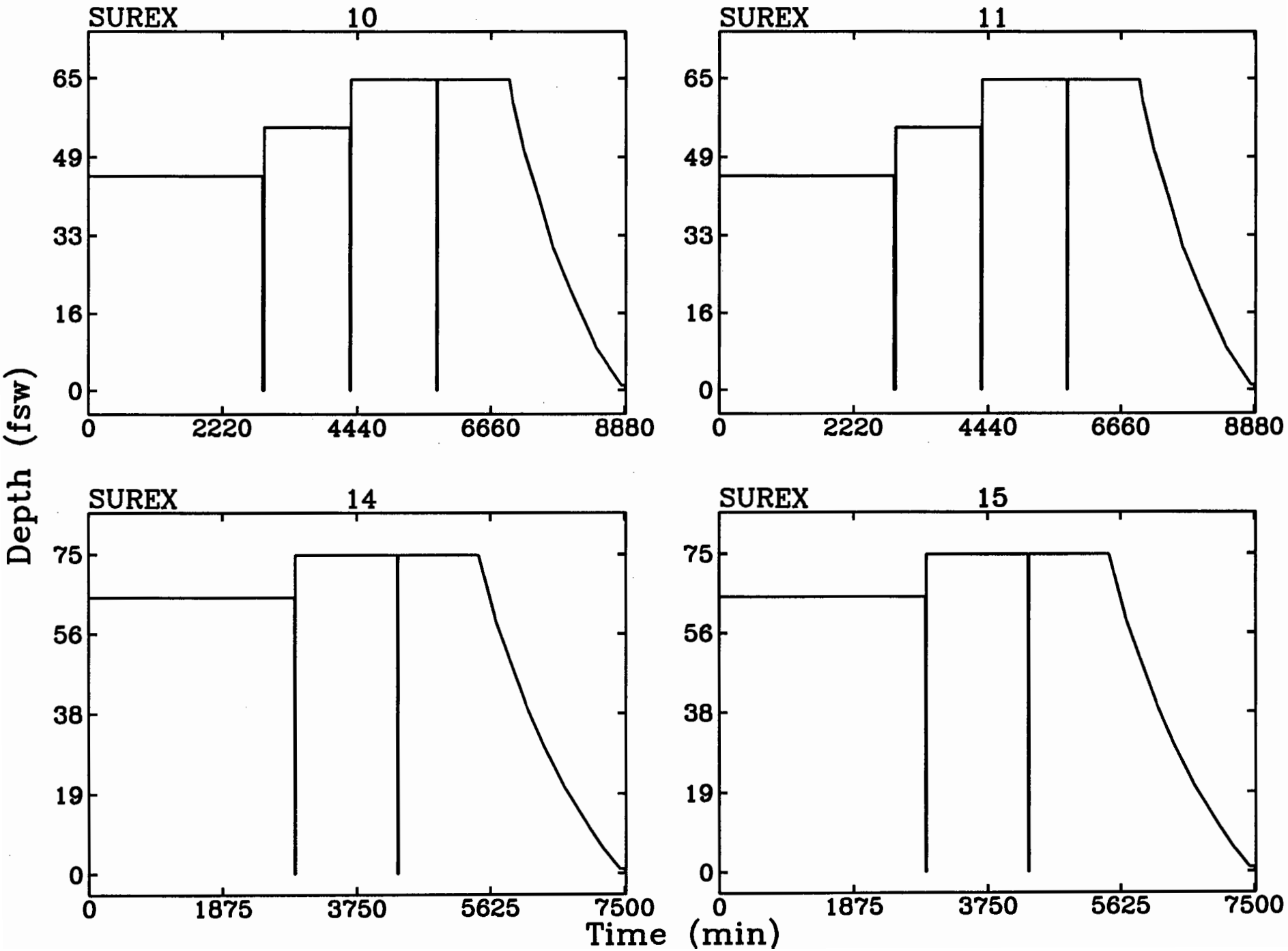
49
33
16
0
0
2220
4440
6660
8880
Time (min)


SUREX 10
SUREX 11
SUREX 14
SUREX 15
Depth (fsw)
Time (min)
65
49
33
16
0
75
56
38
19
0
2220
4440
6660
8880
1875
3750
5625
7500

SECTION VI: SATURATION

E. ASATNMR

50 Dives: 1 DCS, 0 Marginal

Profile #34

24.0, 4320.00, 0.4,
1.000, 1.0, 1.0, 4440.0, 4485.0,
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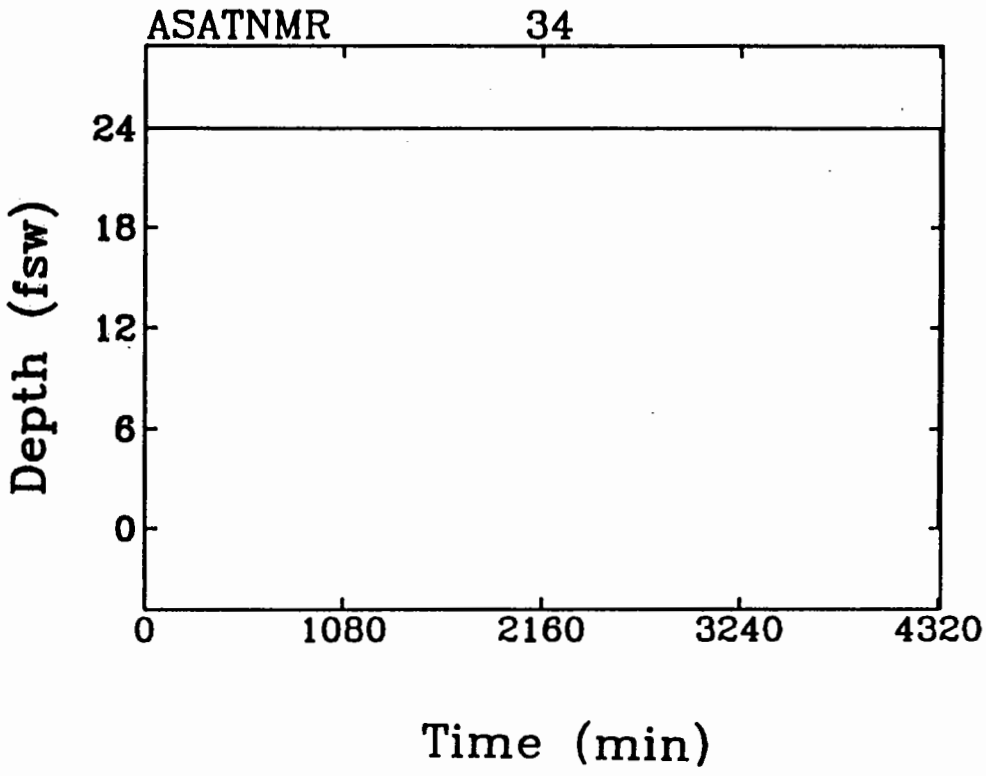
0.40, 24.00,
4320.00, 24.00,
4320.40, 0.00,
7200.40, 0.00,



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SECTION VI: SATURATION

F. NMR9209 48 Dives: 2 DCS, 5 Marginal

Profile #2 22.0, 4399.5, 7.0, 1.000, 1, 0.5, 5018.2, 5258.2, 0.00, 0.0, 491.70, 0.0, 493.70, 22.0, 4891.20, 22.0, 4894.20, 18.8, 4895.20, 9.8, 4896.20, 4.0, 4897.20, 0.9, 4898.20, 0.0, 7778.20, 0.0,	**Profile #3** 22.0, 4399.5, 7.0, 1.000, 1, 0.5, 5018.2, 6158.2, 0.00, 0.0, 491.70, 0.0, 493.70, 22.0, 4891.20, 22.0, 4894.20, 18.8, 4895.20, 9.8, 4896.20, 4.0, 4897.20, 0.9, 4898.20, 0.0, 7778.20, 0.0,	**Profile #6** 22.0, 4303.1, 12.0, 1.000, 1, 1.0, 4909.9, 6229.9, 0.00, 0.0, 474.80, 0.0, 481.80, 22.0, 4777.90, 22.0, 4786.90, 11.3, 4787.90, 5.4, 4788.90, 1.9, 4789.90, 0.0, 7669.90, 0.0,	**Profile #7** 22.0, 4303.1, 12.0, 1.000, 1, 1.0, 4909.9, 5449.9, 0.00, 0.0, 474.80, 0.0, 481.80, 22.0, 4777.90, 22.0, 4786.90, 11.3, 4787.90, 5.4, 4788.90, 1.9, 4789.90, 0.0, 7669.90, 0.0,
Profile #9 20.0, 4312.8, 7.0, 1.000, 1, 0.5, 4940.6, 5540.6, 0.00, 0.0, 500.80, 0.0, 511.80, 20.0, 4813.60, 20.0, 4816.60, 17.9, 4817.60, 8.9, 4818.60, 4.0, 4819.60, 1.3, 4820.60, 0.0, 7700.60, 0.0,	**Profile #10** 20.0, 4312.8, 7.0, 1.000, 1, 0.5, 4940.6, 5540.6, 0.00, 0.0, 500.80, 0.0, 511.80, 20.0, 4813.60, 20.0, 4816.60, 17.9, 4817.60, 8.9, 4818.60, 4.0, 4819.60, 1.3, 4820.60, 0.0, 7700.60, 0.0,	**Profile #14** 20.0, 4301.8, 12.0, 1.000, 1, 0.5, 4798.2, 4945.1, 0.00, 0.0, 496.40, 0.0, 506.50, 20.0, 4798.20, 20.0, 4816.10, 11.3, 4817.10, 0.0, 7697.10, 0.0,	

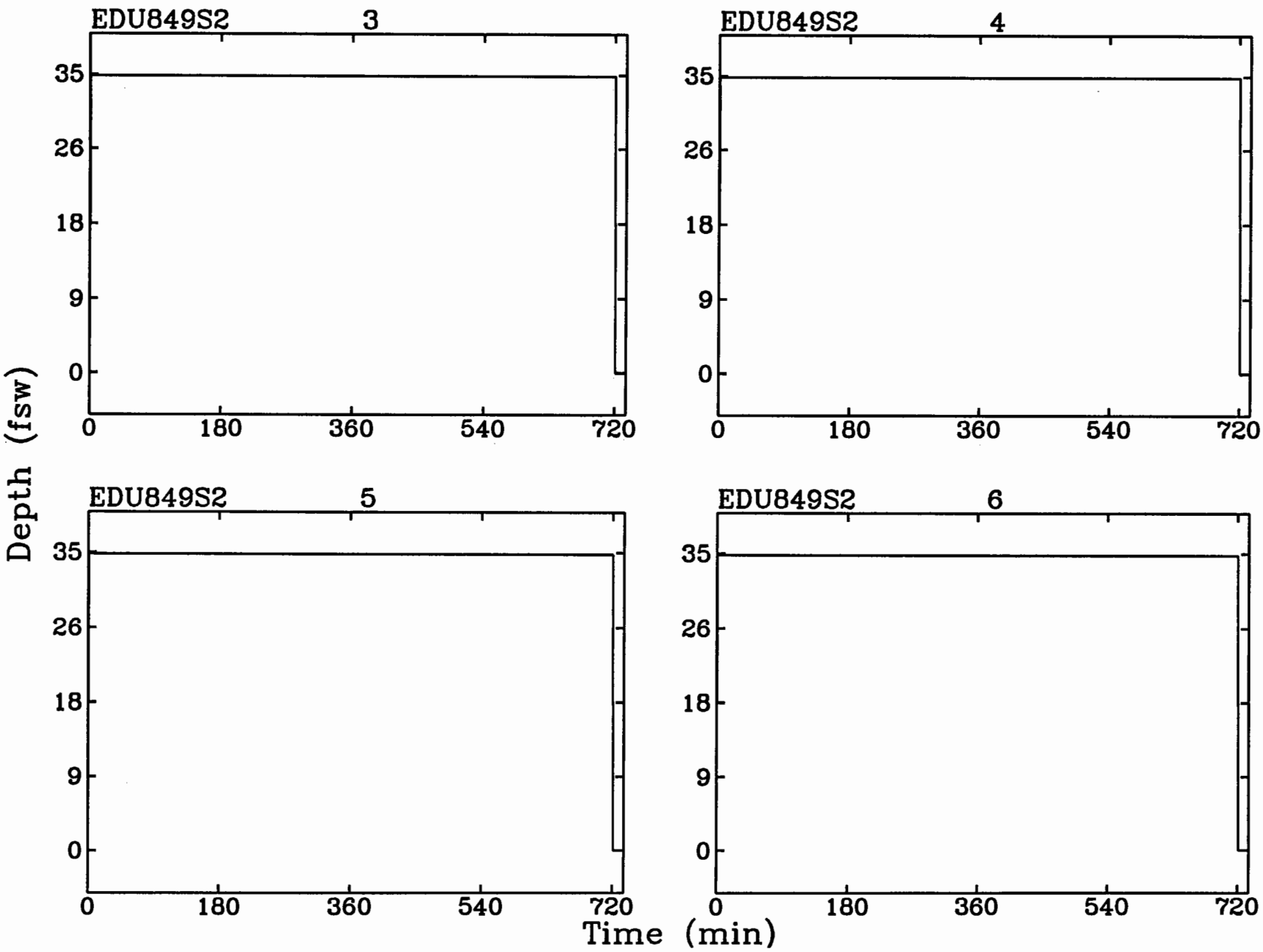
VII. Sub-Saturation

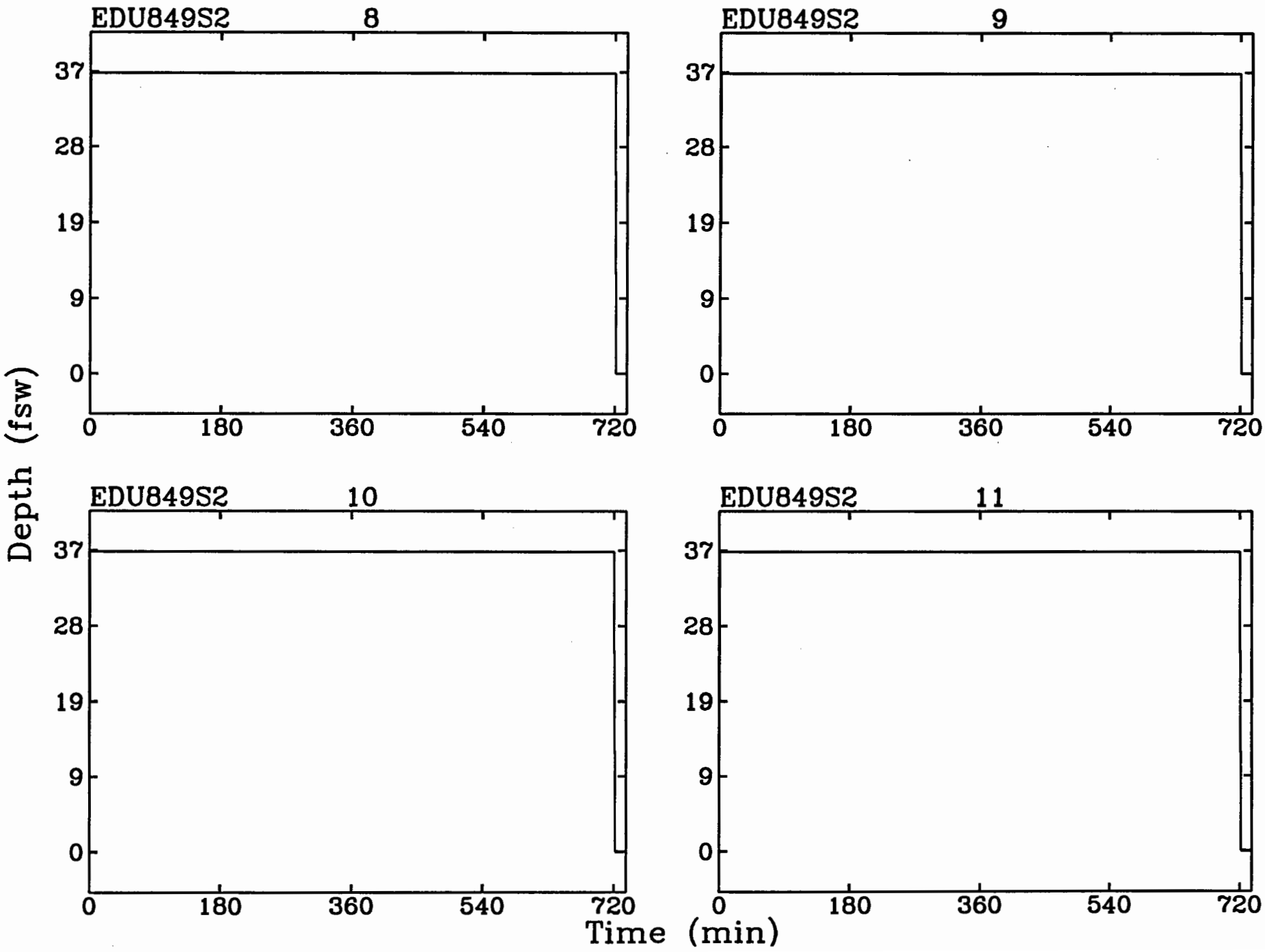
SECTION VII: SUB-SATURATION

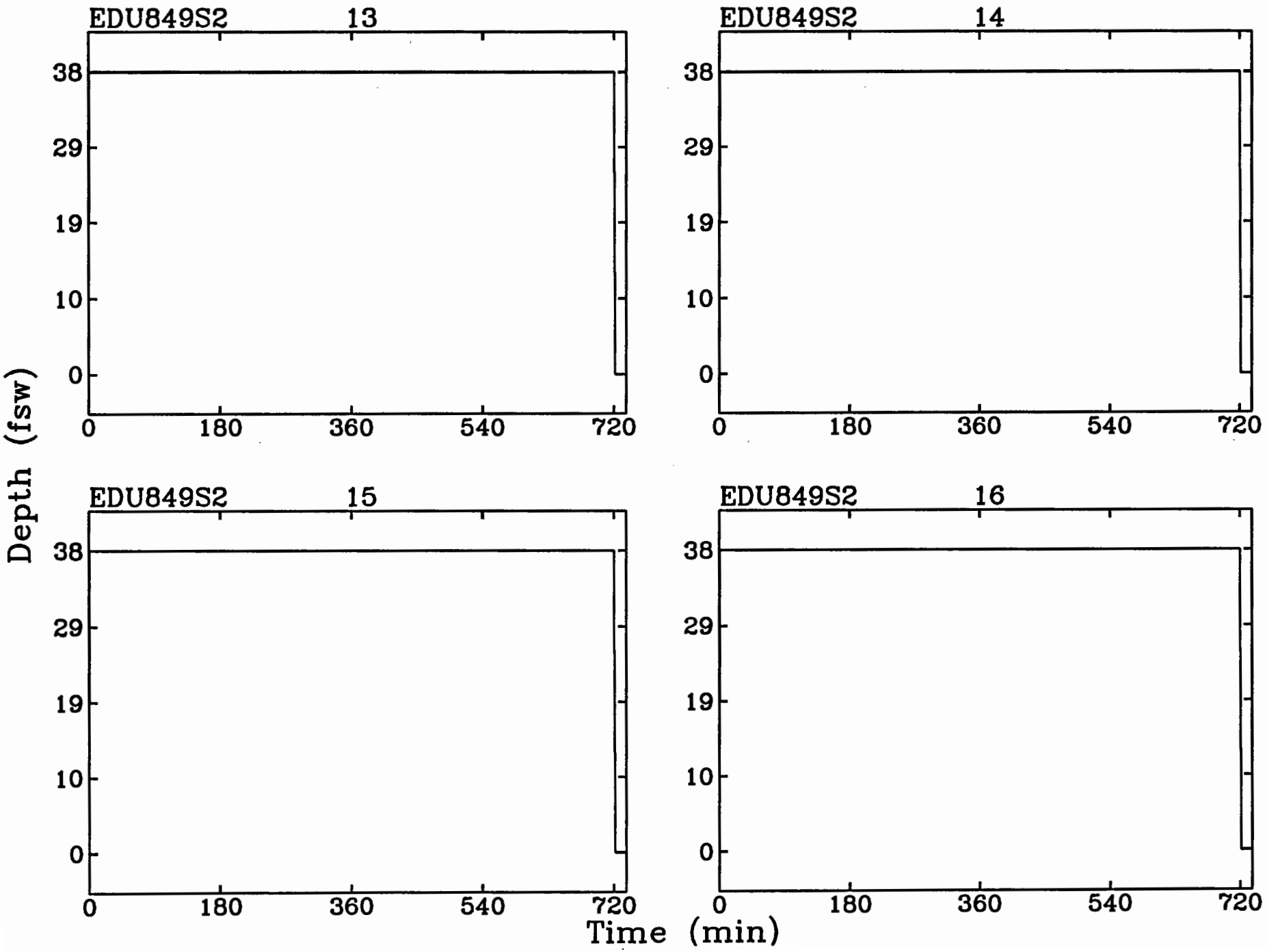
A. EDU849S2 60 Dives: 13 DCS, 17 Marginal

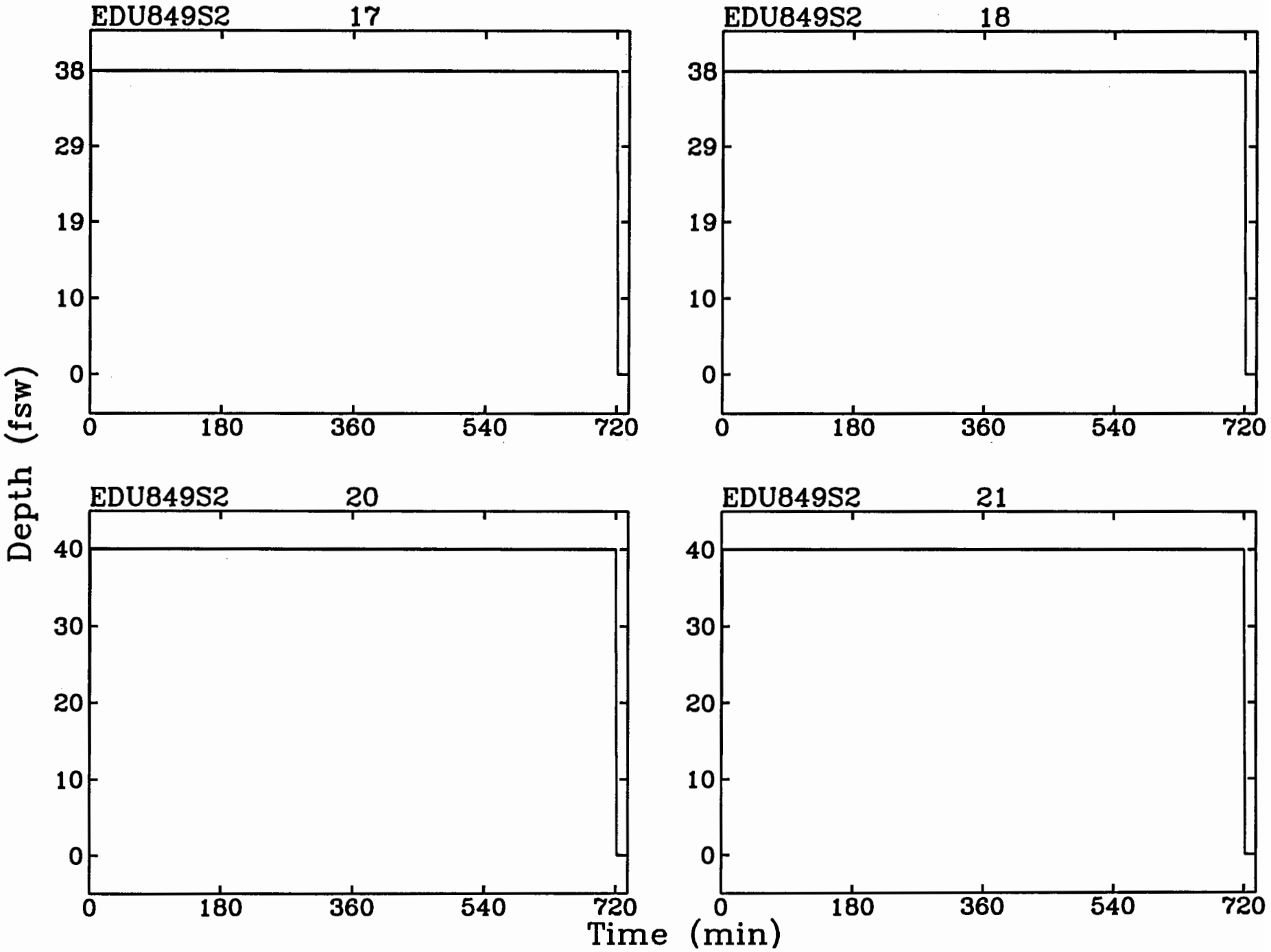
Profile #3 35.0, 720.0, 1.40, 1.0, 1, 0.50, 841.4, 1393.4, 0.0, 0.0, 1.4, 35.0, 720.0, 35.0, 721.4, 0.0, 2161.4, 0.0,	**Profile #4** 35.0, 20.0, 1.40, 1.0, 1, 0.50, 841.4, 1321.4, 0.0, 0.0, 1.4, 35.0, 720.0, 35.0, 721.4, 0.0, 2161.4, 0.0,	**Profile #5** 35.0, 720.0, 1.40, 1.0, 1, 0.50, 721.40, 751.40, 0.0, 0.0, 1.4, 35.0, 720.0, 35.0, 721.4, 0.0, 2161.4, 0.0,	**Profile #6** 35.0, 720.0, 1.40, 1.0, 1, 0.50, 841.40, 1261.40, 0.0, 0.0, 1.4, 35.0, 720.0, 35.0, 721.4, 0.0, 2161.4, 0.0,
Profile #8 37.0, 720.0, 1.48, 1.0, 1, 0.50, 721.48, 1231.48, 0.0, 0.0, 1.5, 37.0, 720.0, 37.0, 721.5, 0.0, 2161.5, 0.0,	**Profile #9** 37.0, 720.0, 1.48, 1.0, 1, 1.00, 841.48, 1276.48, 0.0, 0.0, 1.5, 37.0, 720.0, 37.0, 721.5, 0.0, 2161.5, 0.0,	**Profile #10** 37.0, 720.0, 1.48, 1.0, 1, 1.00, 731.48, 781.48, 0.0, 0.0, 1.5, 37.0, 720.0, 37.0, 721.5, 0.0, 2161.5, 0.0,	**Profile #11** 37.0, 720.0, 1.48, 1.0, 1, 1.00, 751.48, 856.48, 0.0, 0.0, 1.5, 37.0, 720.0, 37.0, 721.5, 0.0, 2161.5, 0.0,
Profile #13 38.0, 720.0, 1.52, 1.0, 1, 0.50, 841.5, 971.5, 0.0, 0.0, 1.5, 38.0, 720.0, 38.0, 721.5, 0.0, 2161.5, 0.0,	**Profile #14** 38.0, 720.0, 1.52, 1.0, 1, 0.50, 720.00, 721.52, 0.0, 0.0, 1.5, 38.0, 720.0, 38.0, 721.5, 0.0, 2161.5, 0.0,	**Profile #15** 38.0, 720.0, 1.52, 1.0, 1, 0.50, 751.52, 871.52, 0.0, 0.0, 1.5, 38.0, 720.0, 38.0, 721.5, 0.0, 2161.5, 0.0,	**Profile #16** 38.0, 720.0, 1.52, 1.0, 1, 0.50, 751.52, 841.52, 0.0, 0.0, 1.5, 38.0, 720.0, 38.0, 721.5, 0.0, 2161.5, 0.0,
Profile #17 38.0, 720.0, 1.52, 1.0, 1, 0.50, 720.00, 721.52, 0.0, 0.0, 1.5, 38.0, 720.0, 38.0, 721.5, 0.0, 2161.5, 0.0,	**Profile #18** 38.0, 720.0, 1.52, 1.0, 1, 0.50, 721.52, 751.52, 0.0, 0.0, 1.5, 38.0, 720.0, 38.0, 721.5, 0.0, 2161.5, 0.0,	**Profile #20** 40.0, 720.0, 1.60, 1.0, 1, 0.50, 720.0, 731.6, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,	**Profile #21** 40.0, 720.0, 1.60, 1.0, 1, 1.00, 721.60, 751.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,

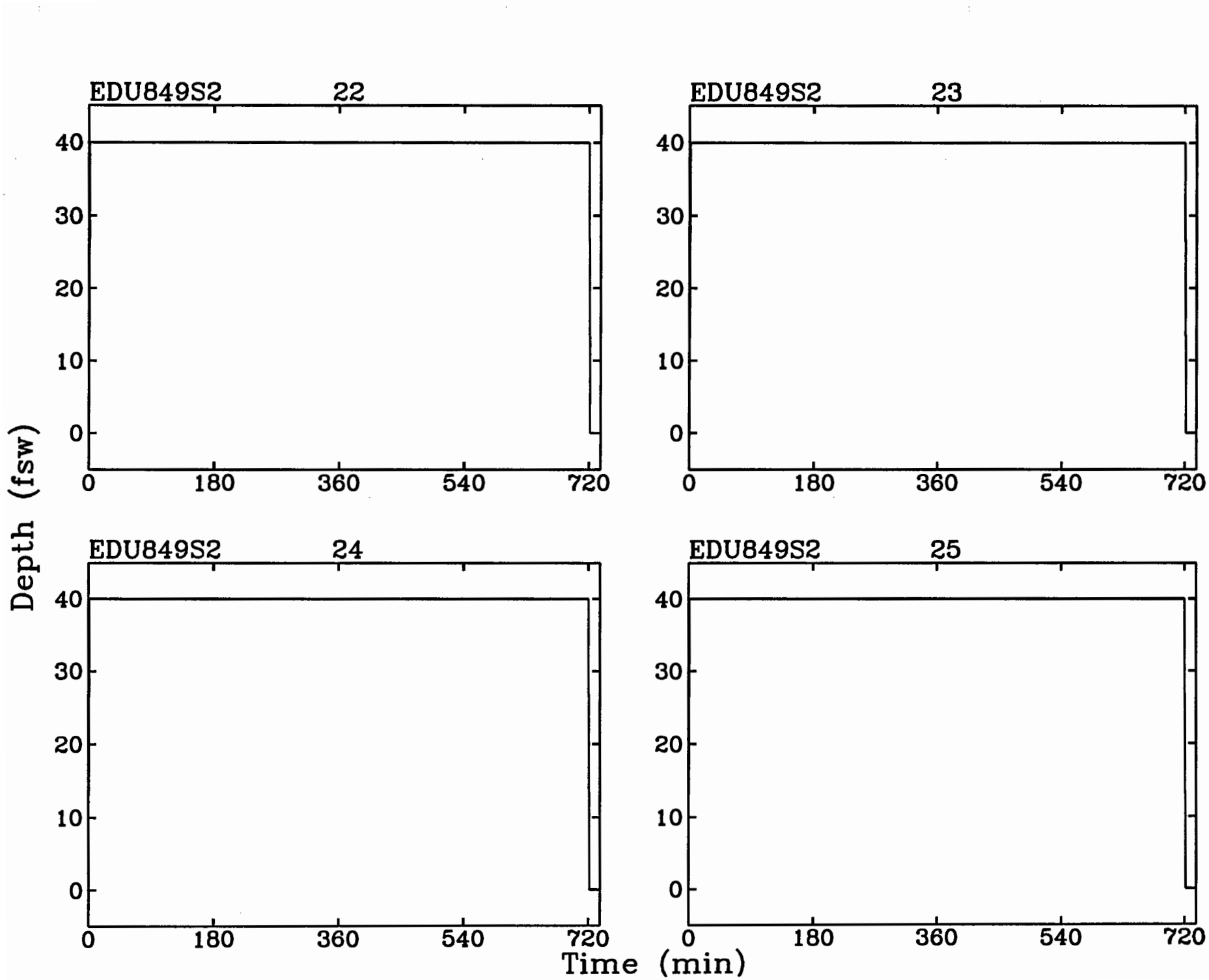
Profile #22 40.0, 720.0, 1.60, 1.0, 1, 1.00, 841.60, 1321.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,	**Profile #23** 40.0, 720.0, 1.60, 1.0, 1, 0.50, 731.60, 781.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,	**Profile #24** 40.0, 720.0, 1.60, 1.0, 1, 0.50, 721.60, 901.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,	**Profile #25** 40.0, 720.0, 1.60, 1.0, 1, 1.00, 731.60, 1381.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,
Profile #26 40.0, 720.0, 1.60, 1.0, 1, 1.00, 751.60, 811.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,	**Profile #27** 40.0, 720.0, 1.60, 1.0, 1, 0.50, 721.60, 1441.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,	**Profile #28** 40.0, 720.0, 1.60, 1.0, 1, 0.50, 721.60, 1621.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,	**Profile #29** 40.0, 720.0, 1.60, 1.0, 1, 0.50, 841.60, 1081.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,
Profile #30 40.0, 720.0, 1.60, 1.0, 1, 1.00, 751.60, 841.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,	**Profile #31** 40.0, 720.0, 1.60, 1.0, 1, 1.00, 731.60, 781.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,	**Profile #32** 40.0, 720.0, 1.60, 1.0, 1, 1.00, 751.60, 1081.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,	**Profile #33** 40.0, 720.0, 1.60, 1.0, 1, 1.00, 731.60, 781.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,
Profile #34 40.0, 720.0, 1.60, 1.0, 1, 1.00, 751.60, 841.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,	**Profile #35** 40.0, 720.0, 1.60, 1.0, 1, 1.00, 751.60, 946.60, 0.0, 0.0, 1.6, 40.0, 720.0, 40.0, 721.6, 0.0, 2161.6, 0.0,		

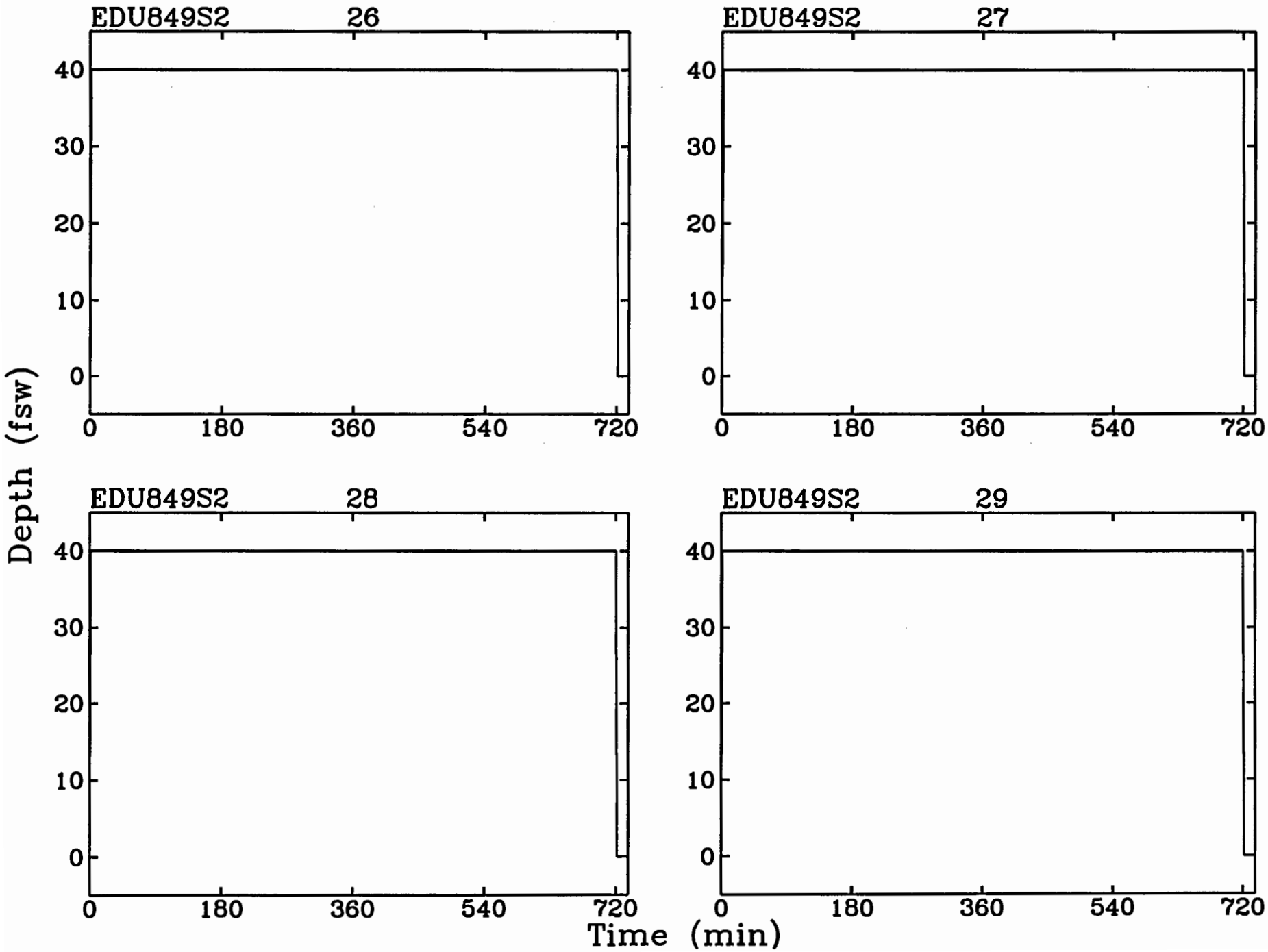

EDU849S2 3
EDU849S2 4
EDU849S2 5
EDU849S2 6
Depth (fsw)
35
26
18
9
0
0
180
360
540
720
Time (min)

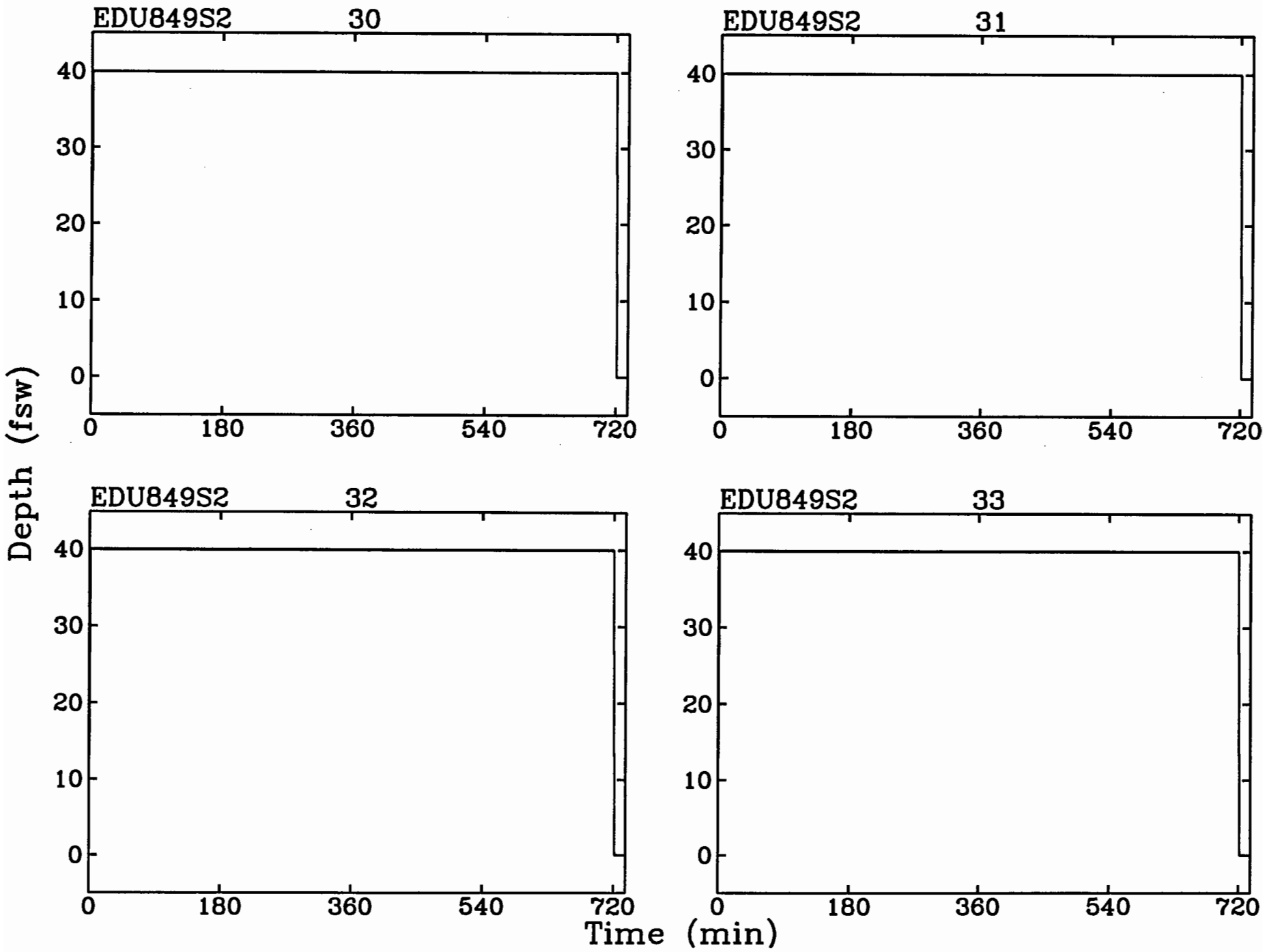

EDU849S2 8
EDU849S2 9
EDU849S2 10
EDU849S2 11
Depth (fsw)
37
28
19
9
0
0
180
360
540
720
Time (min)

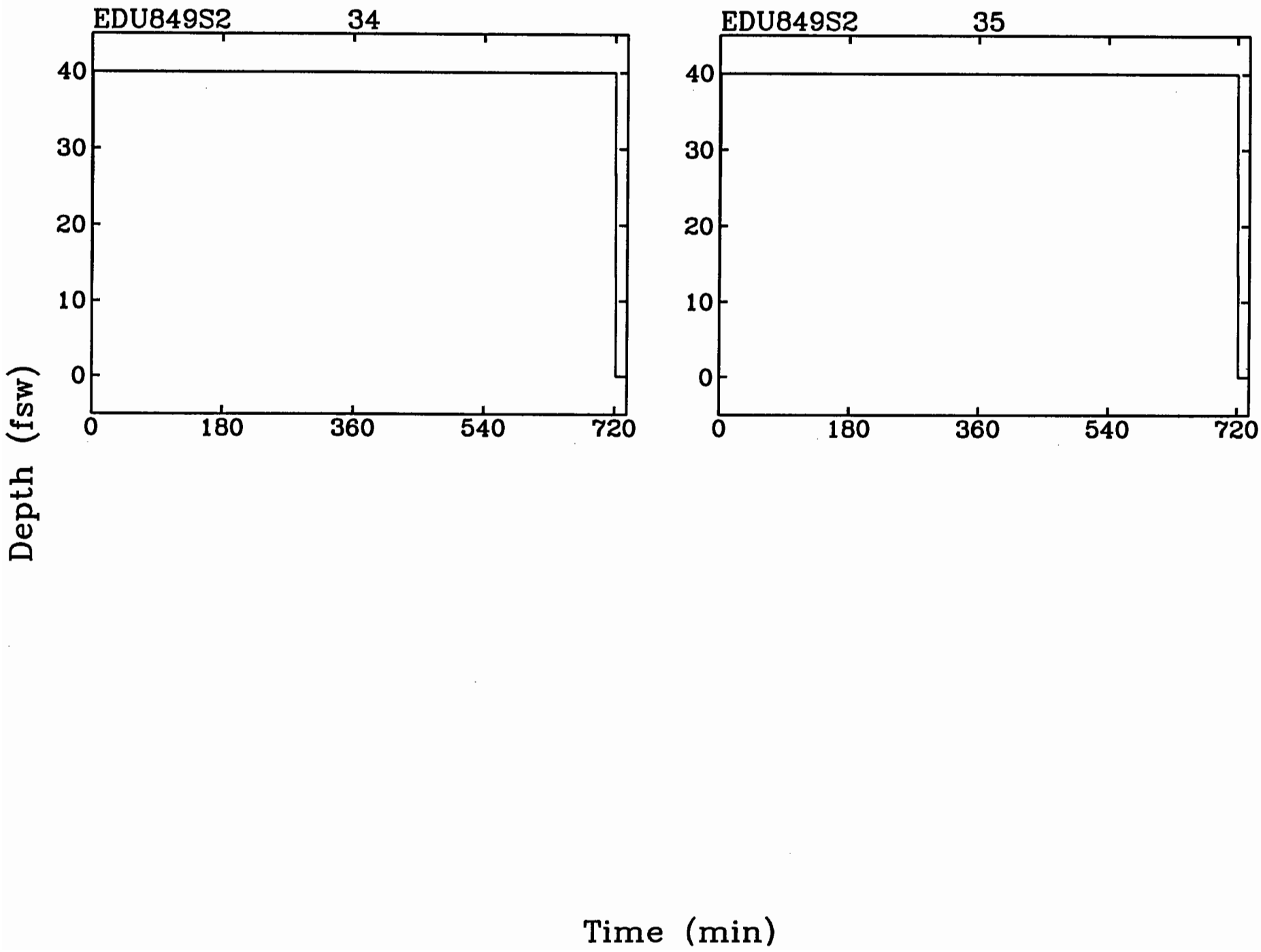

EDU849S2 13
EDU849S2 14
EDU849S2 15
EDU849S2 16
38
29
19
10
0
0
180
360
540
720
Depth (fsw)
Time (min)


EDU849S2 17
EDU849S2 18
EDU849S2 20
EDU849S2 21
Depth (fsw)
Time (min)
0
10
19
29
38
20
30
40
180
360
540
720


EDU849S2 22
EDU849S2 23
EDU849S2 24
EDU849S2 25
Depth (fsw)
Time (min)
0
10
20
30
40
0
180
360
540
720


EDU849S2 26
EDU849S2 27
EDU849S2 28
EDU849S2 29
Depth (fsw)
0
10
20
30
40
0
180
360
540
720
Time (min)

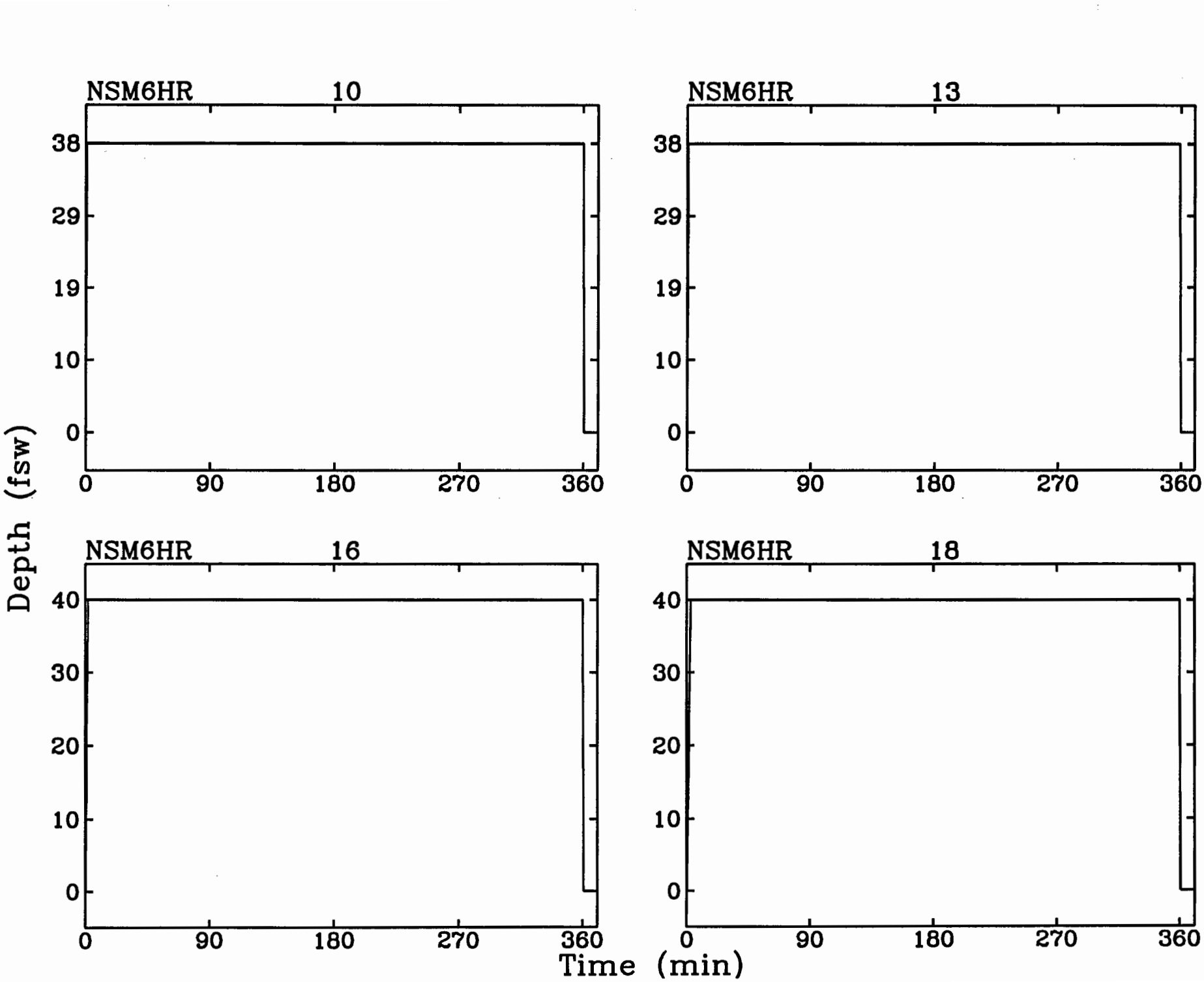

EDU849S2 30
EDU849S2 31
EDU849S2 32
EDU849S2 33
Depth (fsw)
Time (min)
0
10
20
30
40
0
180
360
540
720

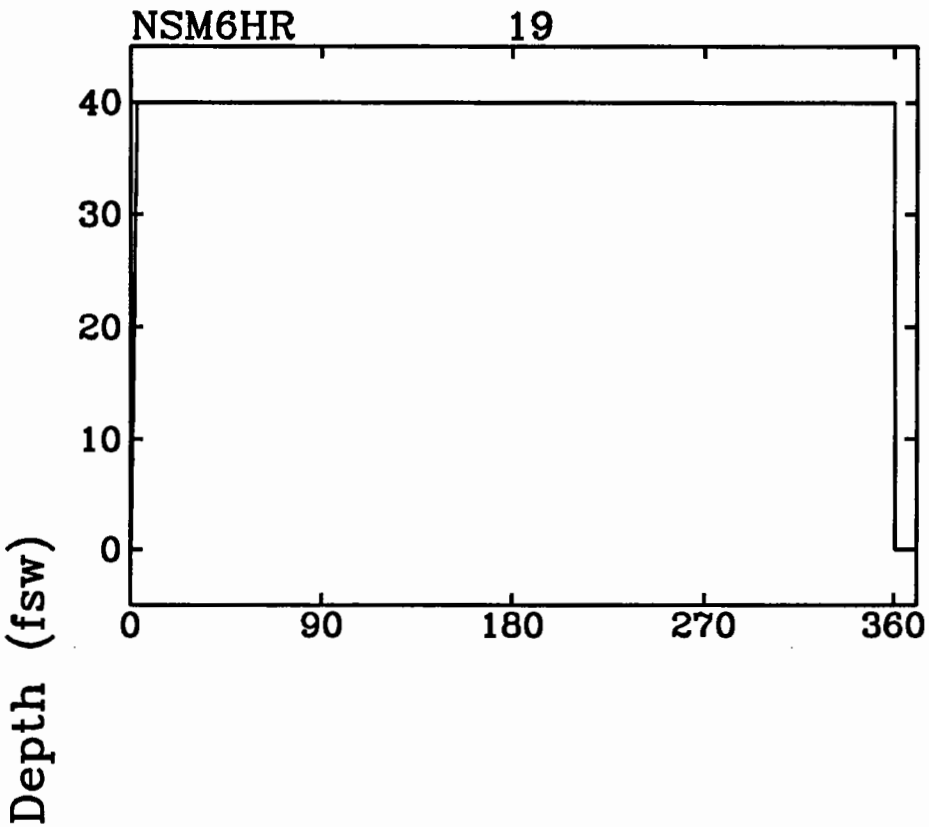

EDU849S2 34
EDU849S2 35
40
30
20
10
0
0
180
360
540
720
Depth (fsw)
Time (min)

SECTION VII: SUB-SATURATION

B. NSM6HR 57 Dives: 3 DCS, 2 Marginal

Profile #10 38.0, 360.0, 0.67, 1.00, 1, 0.5, 480.67, 960.67, 0.00, 0.0, 1.00, 38.0, 360.0, 38.0, 360.27,19.0, 360.67, 0.0, 1800.67, 0.0,	**Profile #13** 38.0, 359.0, 0.8, 1.00, 1, 1.0, 480.8, 4260.8, 0.00, 0.0, 1.00, 38.0, 359.0, 38.0, 359.25, 26.0, 359.48, 9.0, 359.80, 0.0, 1799.80, 0.0,	**Profile #16** 40.0, 360.0, 0.9, 1.00, 1, 1.0, 370.9, 425.9, 0.00, 0.0, 2.20, 40.0, 360.0, 40.0, 360.45, 17.0, 360.90, 0.0, 1800.90, 0.0,
Profile #18 40.0, 360.0, 0.7, 1.00, 1, 1.0, 360.0, 580.0, 0.00, 0.0, 3.00, 40.0, 360.0, 40.0, 360.70, 0.0, 1800.70, 0.0,	**Profile #19** 40.0, 360.0, 0.7, 1.00, 1, 0.5, 480.7, 1480.7, 0.00, 0.0, 3.00, 40.0, 360.0, 40.0, 360.70, 0.0, 1800.70, 0.0,	


NSM6HR 10
NSM6HR 13
NSM6HR 16
NSM6HR 18
Depth (fsw)
Time (min)
0
10
19
29
38
20
30
40
90
180
270
360


NSM6HR
19
40
30
20
10
0
0
90
180
270
360
Depth (fsw)
Time (min)

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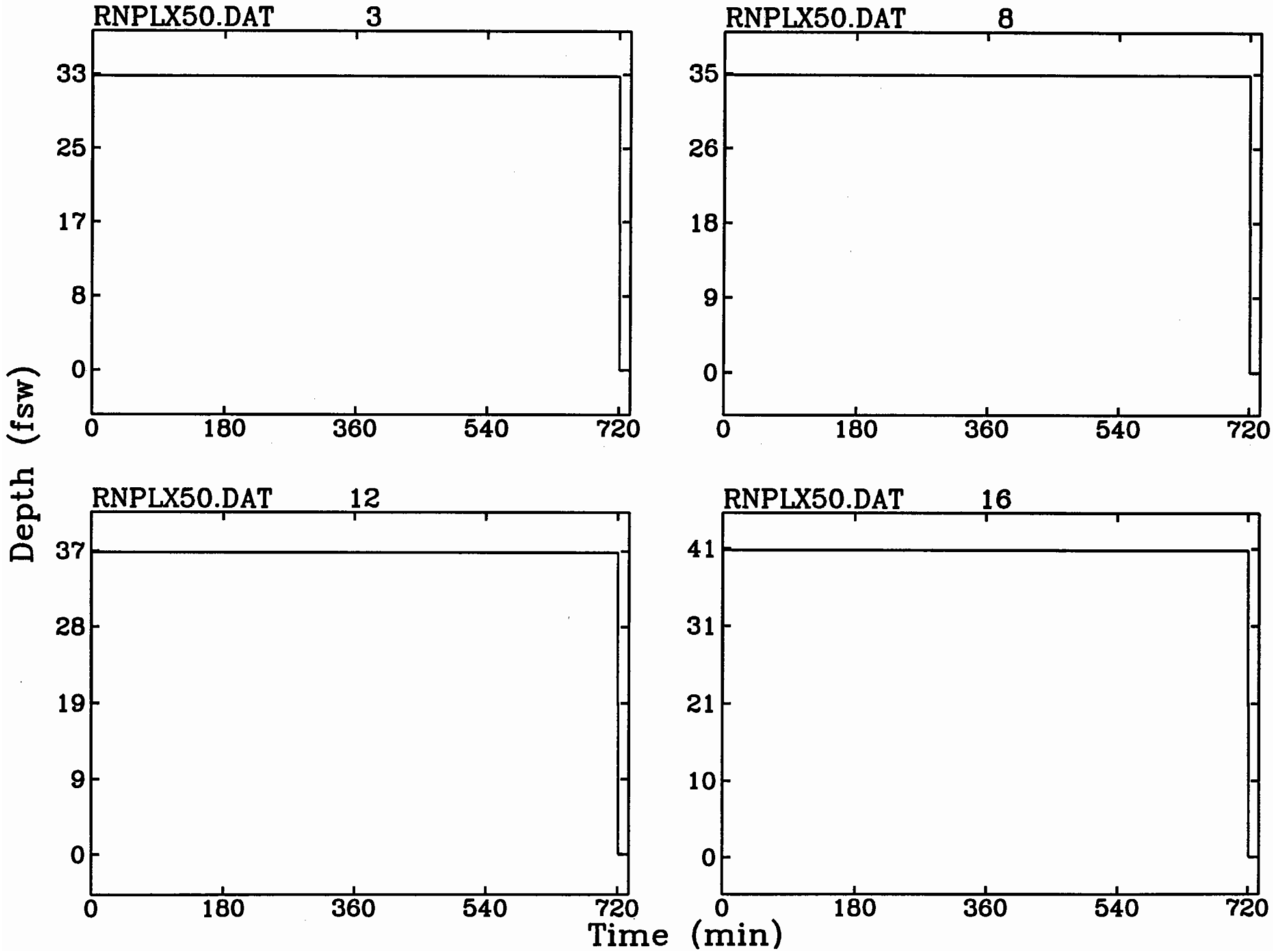
SECTION VII: SUB-SATURATION

C. RNPLX50 57 Dives: 5 DCS, 0 Marginal

Profile #3	Profile #8	Profile #12	Profile #16
33.00, 720.00, 1.10, 1.0, 1, 1.0, 0.00, 0.00, 1.10, 33.00, 720.00, 33.00, 721.10, 0.00, 3601.10, 0.00,	35.00, 720.00, 1.17, 1.0, 1, 1.0, 0.00, 0.00, 1.17, 35.00, 720.00, 35.00, 721.17, 0.00, 3601.17, 0.00,	37.00, 720.00, 1.23, 1.0, 1, 1.0, 0.00, 0.00, 1.23, 37.00, 720.00, 37.00, 721.23, 0.00, 3601.23, 0.00,	41.00, 720.00, 1.37, 1.0, **2**, 1.0, 0.00, 0.00, 1.37, 41.00, 720.00, 41.00, 721.37, 0.00, 3601.37, 0.00,


RNPLX50.DAT 3
33
25
17
8
0
0 180 360 540 720
RNPLX50.DAT 8
35
26
18
9
0
0 180 360 540 720
RNPLX50.DAT 12
37
28
19
9
0
0 180 360 540 720
RNPLX50.DAT 16
41
31
21
10
0
0 180 360 540 720
Depth (fsw)
Time (min)

VIII. Surface Decompression (Air)

SECTION VIII: SURFACE DECOMPRESSION (AIR)

A. EDU545SUR 197 dives; 27 DCS, 12 Marginal

Profile #1	Profile #2	Profile #3	Profile #4
100.0, 85.0, 75.0, 1.0, 1, 1.0, 190.0, 298.0, 0.00, 0.00, 7.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 97.00, 0.00, 100.00, 0.00, 101.00, 30.00, 107.00, 30.00, 108.00, 20.00, 136.00, 20.00, 138.00, 10.00, 159.00, 10.00, 160.00, 0.00, 1600.00, 0.00,	100.0, 85.0, 73.0, 1.0, 1, 1.0, 168.0, 183.0, 0.00, 0.00, 2.00, 100.00, 85.00, 100.00, 89.00, 30.00, 95.00, 30.00, 97.00, 0.00, 99.00, 0.00, 100.00, 30.00, 106.00, 30.00, 107.00, 20.00, 135.00, 20.00, 136.00, 10.00, 157.00, 10.00, 158.00, 0.00, 1598.00, 0.00,	100.0, 85.0, 72.0, 1.0, 1, 1.0, 187.0, 307.0, 0.00, 0.00, 2.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 96.00, 0.00, 98.00, 0.00, 99.00, 30.00, 105.00, 30.00, 106.00, 20.00, 134.00, 20.00, 135.00, 10.00, 156.00, 10.00, 157.00, 0.00, 1597.00, 0.00,	100.0, 85.0, 72.0, 1.0, 1, 0.5, 156.0, 157.0, 0.00, 0.00, 2.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 95.50, 0.00, 98.00, 0.00, 99.00, 30.00, 105.00, 30.00, 106.00, 20.00, 134.00, 20.00, 135.00, 10.00, 156.00, 10.00, 157.00, 0.00, 1597.00, 0.00,
Profile #5	**Profile #6**	**Profile #7**	**Profile #8**
100.0, 85.0, 72.0, 1.0, 1, 1.0, 167.0, 196.0, 0.00, 0.00, 2.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 95.00, 0.00, 98.00, 0.00, 99.00, 30.00, 105.00, 30.00, 106.00, 20.00, 134.00, 20.00, 135.00, 10.00, 156.00, 10.00, 157.00, 0.00, 1597.00, 0.00,	100.0, 85.0, 72.0, 1.0, 1, 1.0, 156.0, 172.0, 0.00, 0.00, 2.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 96.00, 0.00, 98.00, 0.00, 99.00, 30.00, 105.00, 30.00, 106.00, 20.00, 134.00, 20.00, 135.00, 10.00, 156.00, 10.00, 157.00, 0.00, 1597.00, 0.00,	100.0, 85.0, 72.0, 1.0, 1, 1.0, 277.0, 450.0, 0.00, 0.00, 2.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 96.00, 0.00, 98.00, 0.00, 99.00, 30.00, 105.00, 30.00, 106.00, 20.00, 134.00, 20.00, 135.00, 10.00, 156.00, 10.00, 157.00, 0.00, 1597.00, 0.00,	100.0, 85.0, 72.0, 1.0, 1, 1.0, 99.0, 106.0, 0.00, 0.00, 1.00, 100.00, 85.00, 100.00, 88.00, 30.00, 94.00, 30.00, 96.00, 0.00, 98.00, 0.00, 99.00, 30.00, 105.00, 30.00, 106.00, 20.00, 134.00, 20.00, 135.00, 10.00, 156.00, 10.00, 157.00, 0.00, 1597.00, 0.00,

Profile #9

100.0, 85.0, 72.0,
1.0, 1, 1.0, 277.0, 523.0,
0.00, 0.00,
1.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
98.00, 0.00,
99.00, 30.00,
105.00, 30.00,
106.00, 20.00,
134.00, 20.00,
135.00, 10.00,
156.00, 10.00,
157.00, 0.00,
1597.00, 0.00,

Profile #10

100.0, 85.0, 72.0,
1.0, 1, 1.0, 277.0, 546.0,
0.00, 0.00,
1.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
98.00, 0.00,
99.00, 30.00,
105.00, 30.00,
106.00, 20.00,
134.00, 20.00,
135.00, 10.00,
156.00, 10.00,
157.00, 0.00,
1597.00, 0.00,

Profile #11

100.0, 85.0, 72.0,
1.0, 1, 0.5, 167.0, 187.0,
0.00, 0.00,
1.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.50, 0.00,
98.00, 0.00,
99.00, 30.00,
105.00, 30.00,
106.00, 20.00,
134.00, 20.00,
135.00, 10.00,
156.00, 10.00,
157.00, 0.00,
1597.00, 0.00,

Profile #12

100.0, 85.0, 72.0,
1.0, 1, 1.0, 156.0, 175.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
90.00, 30.00,
95.00, 0.00,
98.00, 0.00,
99.00, 30.00,
105.00, 30.00,
106.00, 20.00,
134.00, 20.00,
135.00, 10.00,
156.00, 10.00,
157.00, 0.00,
1597.00, 0.00,

Profile #13

100.0, 85.0, 71.0,
1.0, 1, 1.0, 104.0, 134.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
97.50, 0.00,
98.00, 30.00,
104.00, 30.00,
105.00, 20.00,
133.00, 20.00,
134.00, 10.00,
155.00, 10.00,
156.00, 0.00,
1596.00, 0.00,

Profile #14

100.0, 85.0, 71.0,
1.0, 1, 0.5, 186.0, 291.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
97.50, 0.00,
98.00, 30.00,
104.00, 30.00,
105.00, 20.00,
133.00, 20.00,
134.00, 10.00,
155.00, 10.00,
156.00, 0.00,
1596.00, 0.00,

Profile #15

100.0, 85.0, 71.0, 1.0, 1,
0.5, 104.0, 134.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
97.00, 0.00,
98.00, 30.00,
104.00, 30.00,
105.00, 20.00,
133.00, 20.00,
134.00, 10.00,
155.00, 10.00,
156.00, 0.00,
1596.00, 0.00,

Profile #16

100.0, 85.0, 74.0,
1.0, 1, 1.0, 169.0, 206.0,
0.00, 0.00,
6.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
99.00, 0.00,
101.00, 30.00,
107.00, 30.00,
108.00, 20.00,
136.00, 20.00,
137.00, 10.00,
158.00, 10.00,
159.00, 0.00,
1599.00, 0.00,

Profile #17

100.0, 85.0, 71.0,
1.0, 1, 1.0, 166.0, 185.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
98.00, 0.00,
99.00, 30.00,
104.00, 30.00,
105.00, 20.00,
133.00, 20.00,
134.00, 10.00,
155.00, 10.00,
156.00, 0.00,
1596.00, 0.00,

Profile #18

100.0, 85.0, 72.0,
1.0, 1, 1.0, 167.0, 217.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
98.00, 0.00,
99.00, 30.00,
105.00, 30.00,
106.00, 20.00,
134.00, 20.00,
135.00, 10.00,
156.00, 10.00,
157.00, 0.00,
1597.00, 0.00,

Profile #19

100.0, 85.0, 72.0,
1.0, 1, 0.5, 156.0, 172.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
98.00, 0.00,
99.00, 30.00,
105.00, 30.00,
106.00, 20.00,
134.00, 20.00,
135.00, 10.00,
156.00, 10.00,
157.00, 0.00,
1597.00, 0.00,

Profile #20

100.0, 85.0, 73.0,
1.0, 1, 1.0, 106.0, 136.0,
0.00, 0.00,
3.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
98.00, 0.00,
100.00, 30.00,
106.00, 30.00,
107.00, 20.00,
135.00, 20.00,
136.00, 10.00,
157.00, 10.00,
158.00, 0.00,
1598.00, 0.00,

Profile #21

100.0, 85.0, 74.0,
1.0, 1, 1.0, 189.0, 279.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
98.00, 0.00,
101.00, 30.00,
107.00, 30.00,
108.00, 20.00,
136.00, 20.00,
137.00, 10.00,
158.00, 10.00,
159.00, 0.00,
1599.00, 0.00,

Profile #22

100.0, 85.0, 72.0,
1.0, 1, 1.0, 105.0, 135.0,
0.00, 0.00,
2.00, 100.00,
85.00, 100.00,
88.00, 30.00,
94.00, 30.00,
95.00, 0.00,
98.00, 0.00,
99.00, 30.00,
105.00, 30.00,
106.00, 20.00,
134.00, 20.00,
135.00, 10.00,
156.00, 10.00,
157.00, 0.00,
1597.00, 0.00,

Profile #23

130.0, 55.0, 95.0,
1.0, 1, 1.0, 160.0, 180.0,
0.00, 0.00,
2.00, 130.00,
55.00, 130.00,
59.00, 30.00,
72.00, 30.00,
73.00, 0.00,
77.00, 0.00,
78.00, 30.00,
91.00, 30.00,
92.00, 20.00,
120.00, 20.00,
121.00, 10.00,
149.00, 10.00,
150.00, 0.00,
1590.00, 0.00,

Profile #51

130.0, 55.0, 95.0,
1.0, 1, 1.0, 149.0, 150.0,
0.00, 0.00,
2.00, 130.00,
55.00, 130.00,
59.00, 30.00,
72.00, 30.00,
73.00, 0.00,
77.00, 0.00,
78.00, 30.00,
89.00, 30.00,
90.00, 20.00,
120.00, 20.00,
121.00, 10.00,
149.00, 10.00,
150.00, 0.00,
1590.00, 0.00,

Profile #52

130.0, 55.0, 94.0,
1.0, 1, 0.5, 148.0, 149.0,
0.00, 0.00,
2.00, 130.00,
55.00, 130.00,
59.00, 30.00,
72.00, 30.00,
73.00, 0.00,
76.00, 0.00,
77.00, 30.00,
90.00, 30.00,
91.00, 20.00,
119.00, 20.00,
120.00, 10.00,
148.00, 10.00,
149.00, 0.00,
1589.00, 0.00,

Profile #53

130.0, 55.0, 94.0,
1.0, 1, 0.5, 76.0, 77.0,
0.00, 0.00,
2.00, 130.00,
55.00, 130.00,
59.00, 30.00,
72.00, 30.00,
73.00, 0.00,
76.00, 0.00,
77.00, 30.00,
90.00, 30.00,
91.00, 20.00,
119.00, 20.00,
120.00, 10.00,
148.00, 10.00,
149.00, 0.00,
1589.00, 0.00,

Profile #54

150.0, 38.0, 98.0,
1.0, 1, 0.5, 135.0, 136.0,
0.00, 0.00,
3.00, 150.00,
38.00, 150.00,
43.00, 30.00,
71.00, 30.00,
72.00, 0.00,
75.00, 0.00,
76.00, 20.00,
104.00, 20.00,
105.00, 10.00,
135.00, 10.00,
136.00, 0.00,
1576.00, 0.00,

Profile #55

150.0, 38.0, 98.0,
1.0, 1, 1.0, 146.0, 196.0,
0.00, 0.00,
2.00, 150.00,
38.00, 150.00,
43.00, 30.00,
71.00, 30.00,
72.00, 0.00,
75.00, 0.00,
76.00, 20.00,
104.00, 20.00,
105.00, 10.00,
135.00, 10.00,
136.00, 0.00,
1576.00, 0.00,

Profile #56

150.0, 38.0, 98.0,
1.0, 1, 1.0, 135.0, 136.0,
0.00, 0.00,
3.00, 150.00,
38.00, 150.00,
43.00, 30.00,
71.00, 30.00,
72.00, 0.00,
75.00, 0.00,
76.00, 20.00,
104.00, 20.00,
105.00, 10.00,
135.00, 10.00,
136.00, 0.00,
1576.00, 0.00,

Profile #57

150.0, 38.0, 98.0,
1.0, 1, 1.0, 135.0, 151.0,
0.00, 0.00,
2.00, 150.00,
38.00, 150.00,
43.00, 30.00,
71.00, 30.00,
72.00, 0.00,
75.00, 0.00,
76.00, 20.00,
104.00, 20.00,
105.00, 10.00,
135.00, 10.00,
136.00, 0.00,
1576.00, 0.00,

Profile #58

150.0, 38.0, 98.0,
1.0, 1, 1.0, 104.0, 105.0,
0.00, 0.00,
2.00, 150.00,
38.00, 150.00,
43.00, 30.00,
71.00, 30.00,
72.00, 0.00,
75.00, 0.00,
76.00, 20.00,
104.00, 20.00,
105.00, 10.00,
135.00, 10.00,
136.00, 0.00,
1576.00, 0.00,

Profile #59

150.0, 38.0, 98.0,
1.0, 1, 1.0, 256.0, 585.0,
0.00, 0.00,
8.00, 150.00,
38.00, 150.00,
43.00, 30.00,
71.00, 30.00,
72.00, 0.00,
75.00, 0.00,
76.00, 20.00,
104.00, 20.00,
105.00, 10.00,
135.00, 10.00,
136.00, 0.00,
1576.00, 0.00,

Profile #60

150.0, 38.0, 98.0,
1.0, 1, 0.5, 135.0, 136.0,
0.00, 0.00,
3.00, 150.00,
38.00, 150.00,
43.00, 30.00,
71.00, 30.00,
72.00, 0.00,
75.00, 0.00,
76.00, 20.00,
104.00, 20.00,
105.00, 10.00,
135.00, 10.00,
136.00, 0.00,
1576.00, 0.00,

Profile #61

170.0, 30.0, 88.0,
1.0, 1, 0.5, 238.0, 838.0,
0.00, 0.00,
4.00, 170.00,
30.00, 170.00,
36.00, 30.00,
60.00, 30.00,
61.00, 0.00,
64.00, 0.00,
65.00, 20.00,
89.00, 20.00,
90.00, 10.00,
117.00, 10.00,
118.00, 0.00,
1558.00, 0.00,

Profile #62

170.0, 30.0, 91.0,
1.0, 1, 1.0, 68.0, 92.0,
0.00, 0.00,
4.00, 170.00,
30.00, 170.00,
36.00, 30.00,
60.00, 30.00,
61.00, 0.00,
64.00, 0.00,
64.50, 10.00,
67.50, 10.00,
68.00, 20.00,
92.00, 20.00,
93.00, 10.00,
120.00, 10.00,
121.00, 0.00,
1561.00, 0.00,

Profile #63

170.0, 30.0, 88.0,
1.0, 1, 1.0, 30.0, 65.0,
0.00, 0.00,
3.00, 170.00,
30.00, 170.00,
36.00, 30.00,
60.00, 30.00,
61.00, 0.00,
64.00, 0.00,
65.00, 20.00,
89.00, 20.00,
90.00, 10.00,
117.00, 10.00,
118.00, 0.00,
1558.00, 0.00,

Profile #64

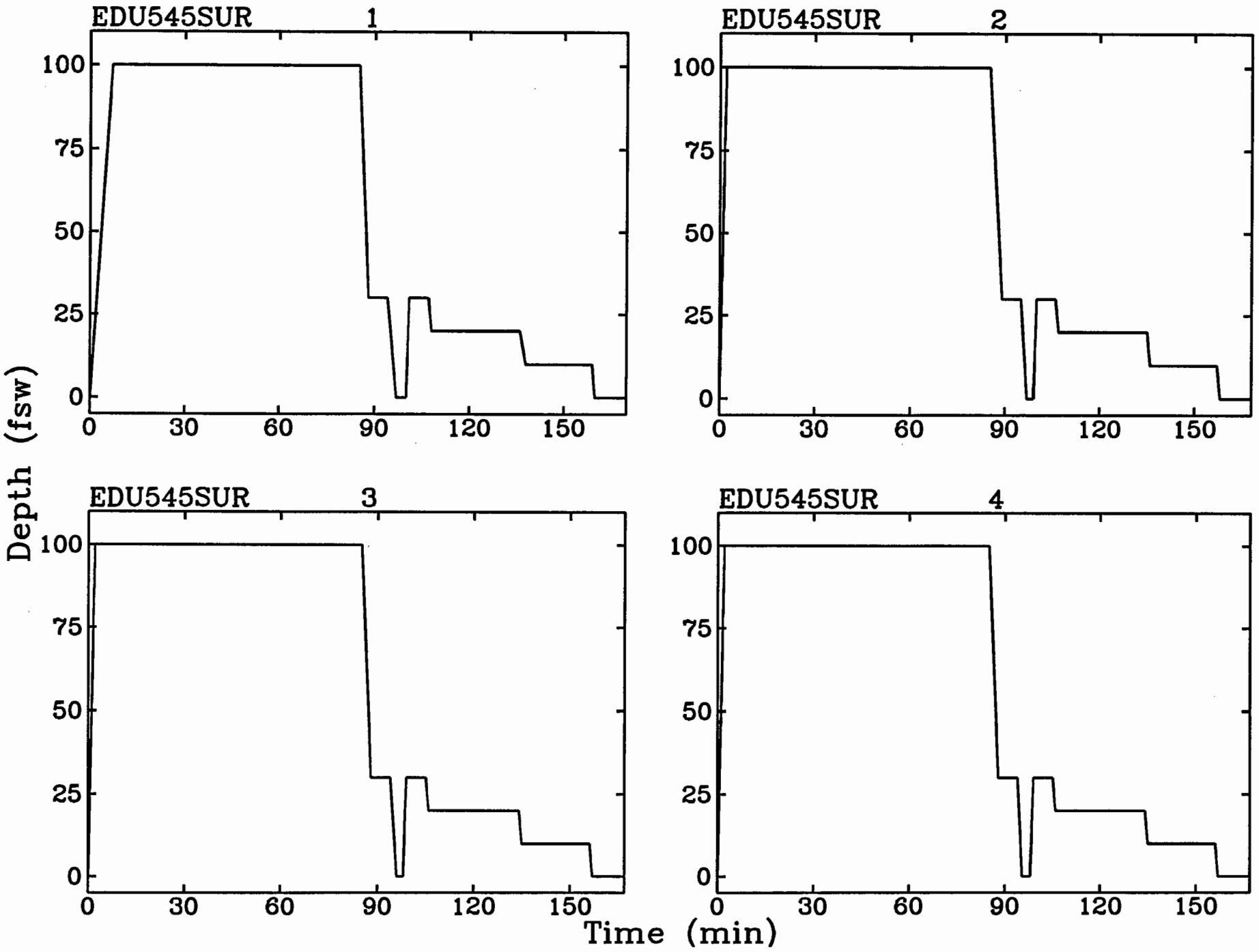
170.0, 30.0, 88.0,
1.0, 1, 0.5, 148.0, 265.0,
0.00, 0.00,
3.00, 170.00,
30.00, 170.00,
36.00, 30.00,
60.00, 30.00,
61.00, 0.00,
64.00, 0.00,
65.00, 20.00,
89.00, 20.00,
90.00, 10.00,
117.00, 10.00,
118.00, 0.00,
1558.00, 0.00,

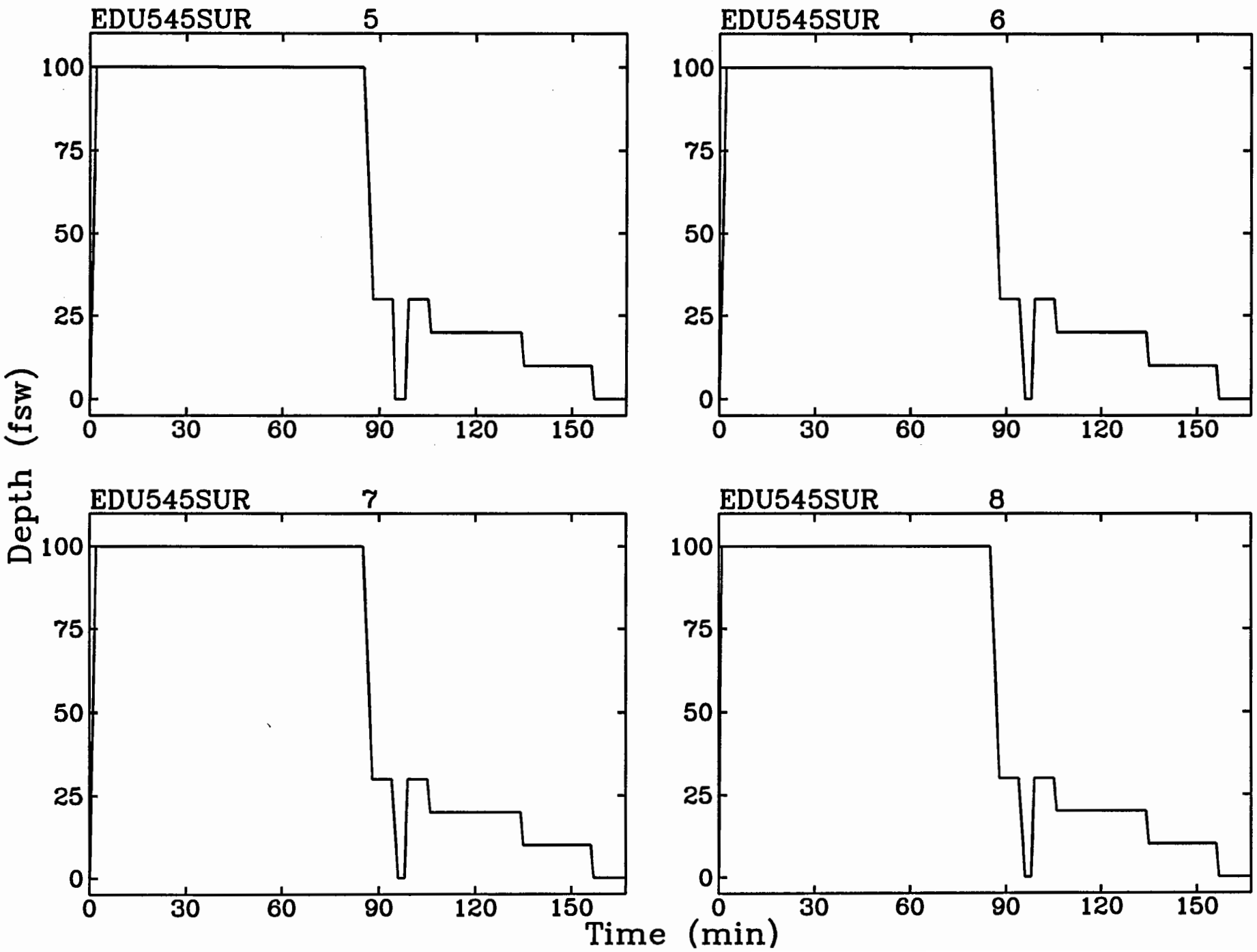
Profile #65

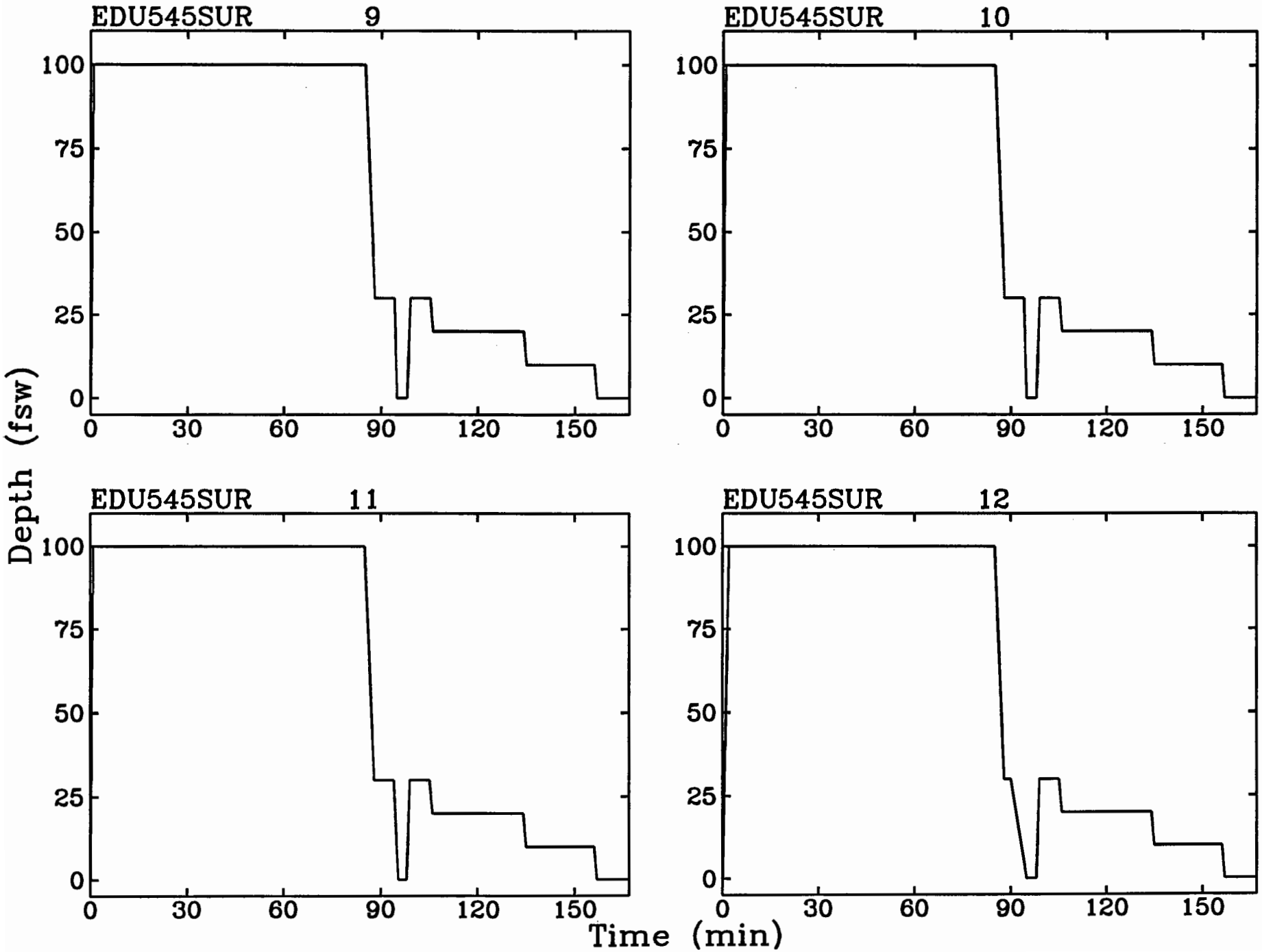
170.0, 30.0, 88.0,
1.0, 1, 0.5, 30.0, 65.0,
0.00, 0.00,
2.00, 170.00,
30.00, 170.00,
36.00, 30.00,
60.00, 30.00,
61.00, 0.00,
64.00, 0.00,
65.00, 20.00,
89.00, 20.00,
90.00, 10.00,
117.00, 10.00,
118.00, 0.00,
1558.00, 0.00,

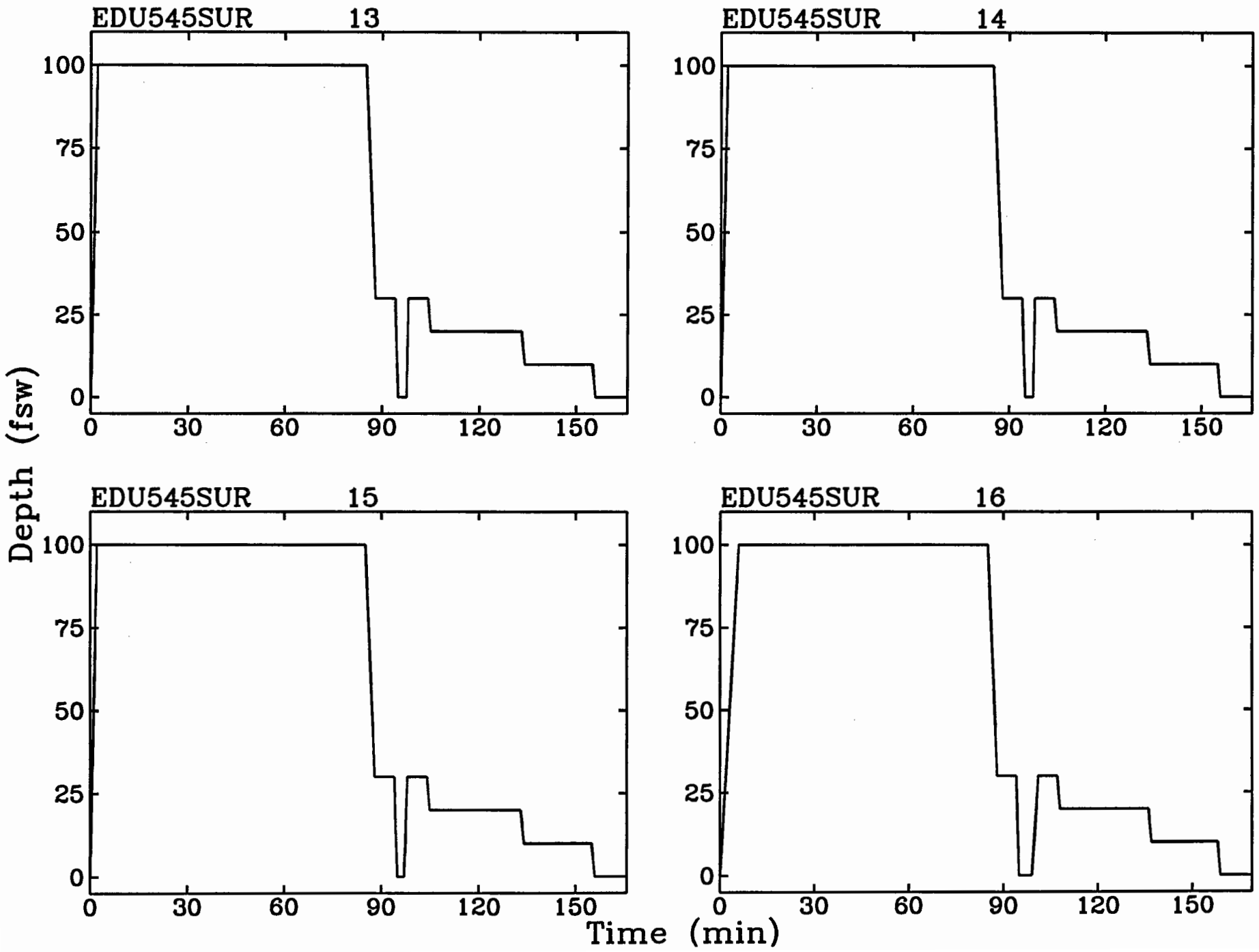
Profile #66

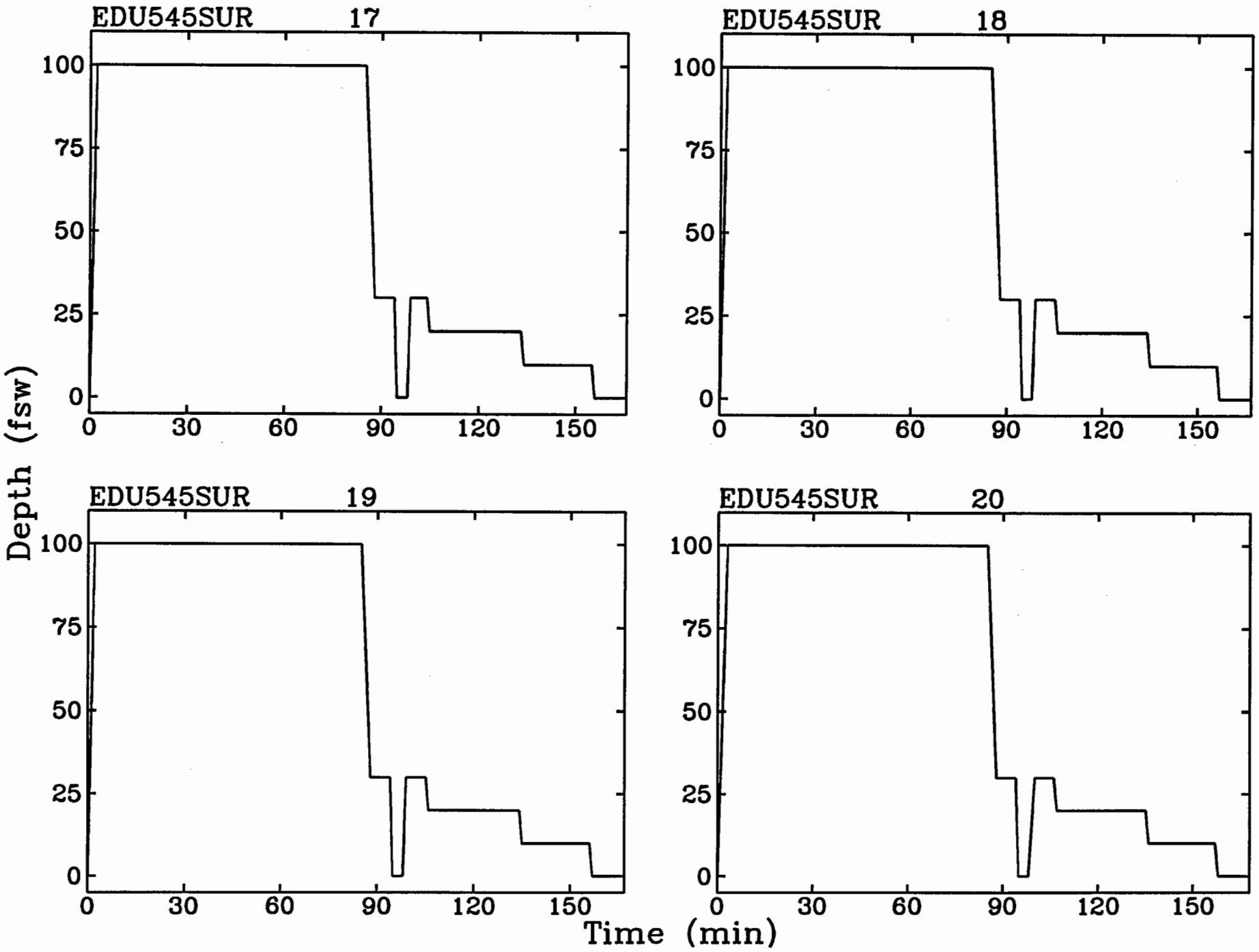
170.0, 30.0, 88.0,
1.0, 1, 1.0, 238.0, 404.0,
0.00, 0.00,
4.00, 170.00,
30.00, 170.00,
36.00, 30.00,
60.00, 30.00,
61.00, 0.00,
64.00, 0.00,
65.00, 20.00,
89.00, 20.00,
90.00, 10.00,
117.00, 10.00,
118.00, 0.00,
1558.00, 0.00,

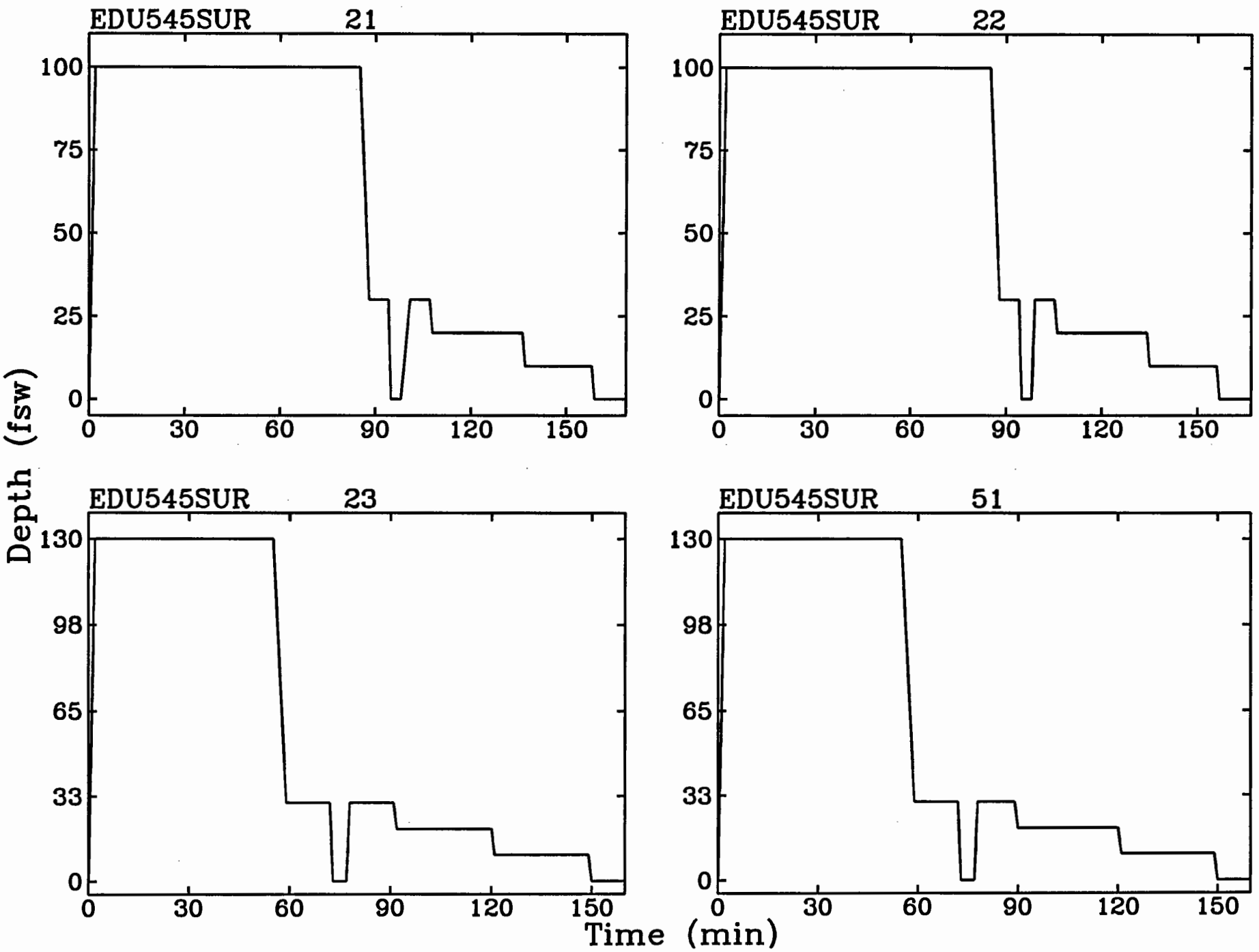

EDU545SUR 1
EDU545SUR 2
EDU545SUR 3
EDU545SUR 4
Depth (fsw)
Time (min)
0
25
50
75
100
0
30
60
90
120
150

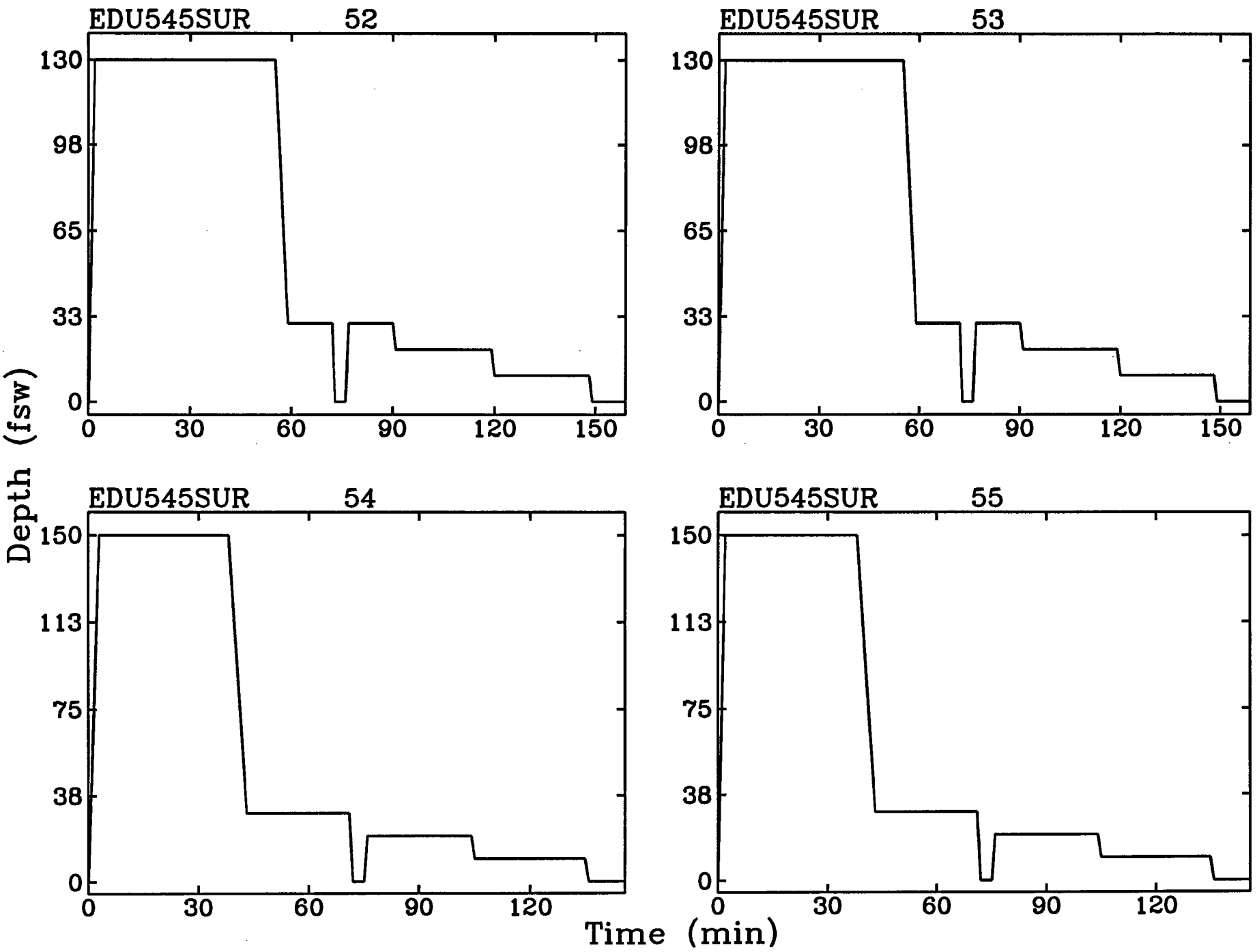

EDU545SUR 5
EDU545SUR 6
EDU545SUR 7
EDU545SUR 8
Depth (fsw)
Time (min)
0
25
50
75
100
0
30
60
90
120
150

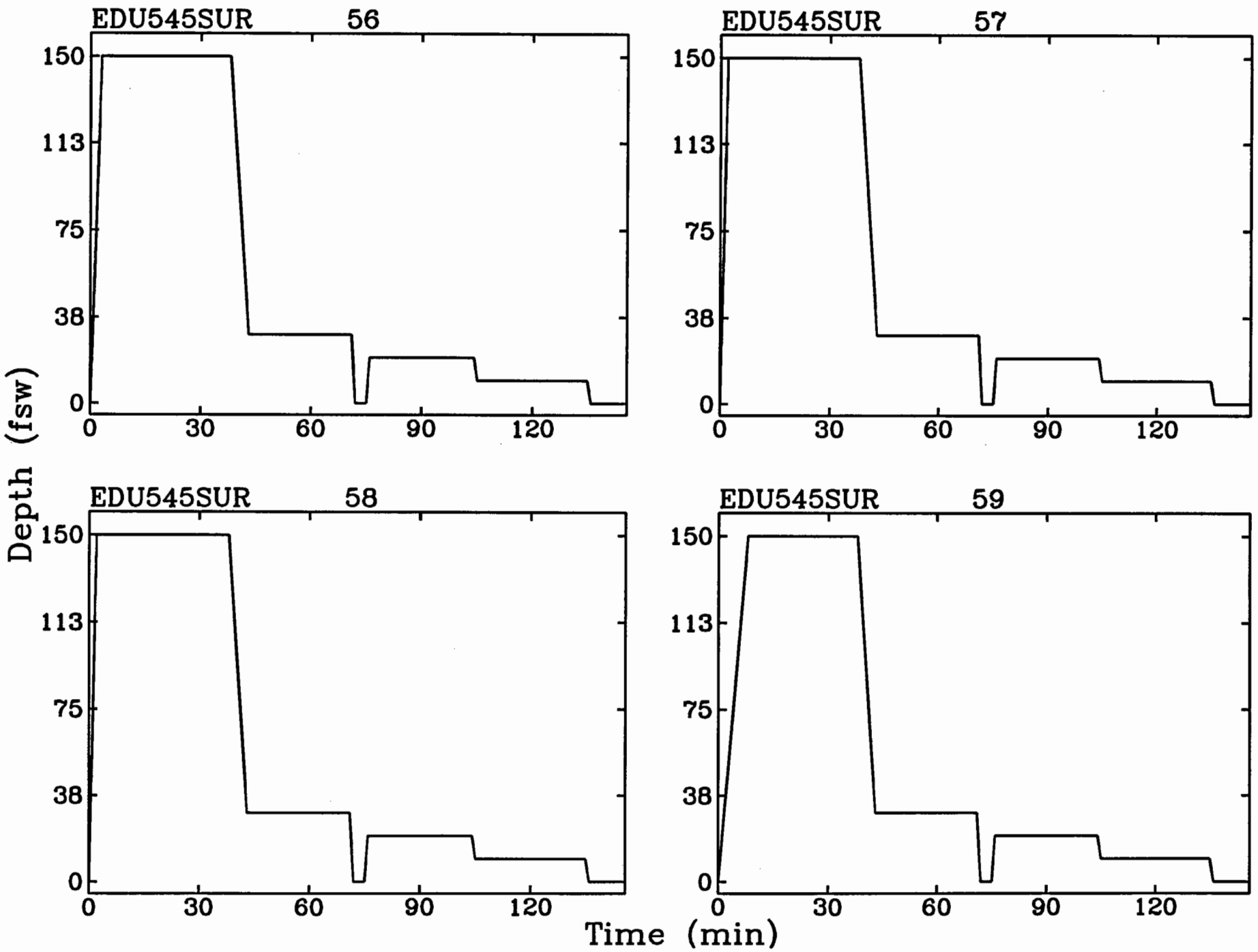

EDU545SUR 9
EDU545SUR 10
EDU545SUR 11
EDU545SUR 12
Depth (fsw)
Time (min)
0
25
50
75
100
0
30
60
90
120
150

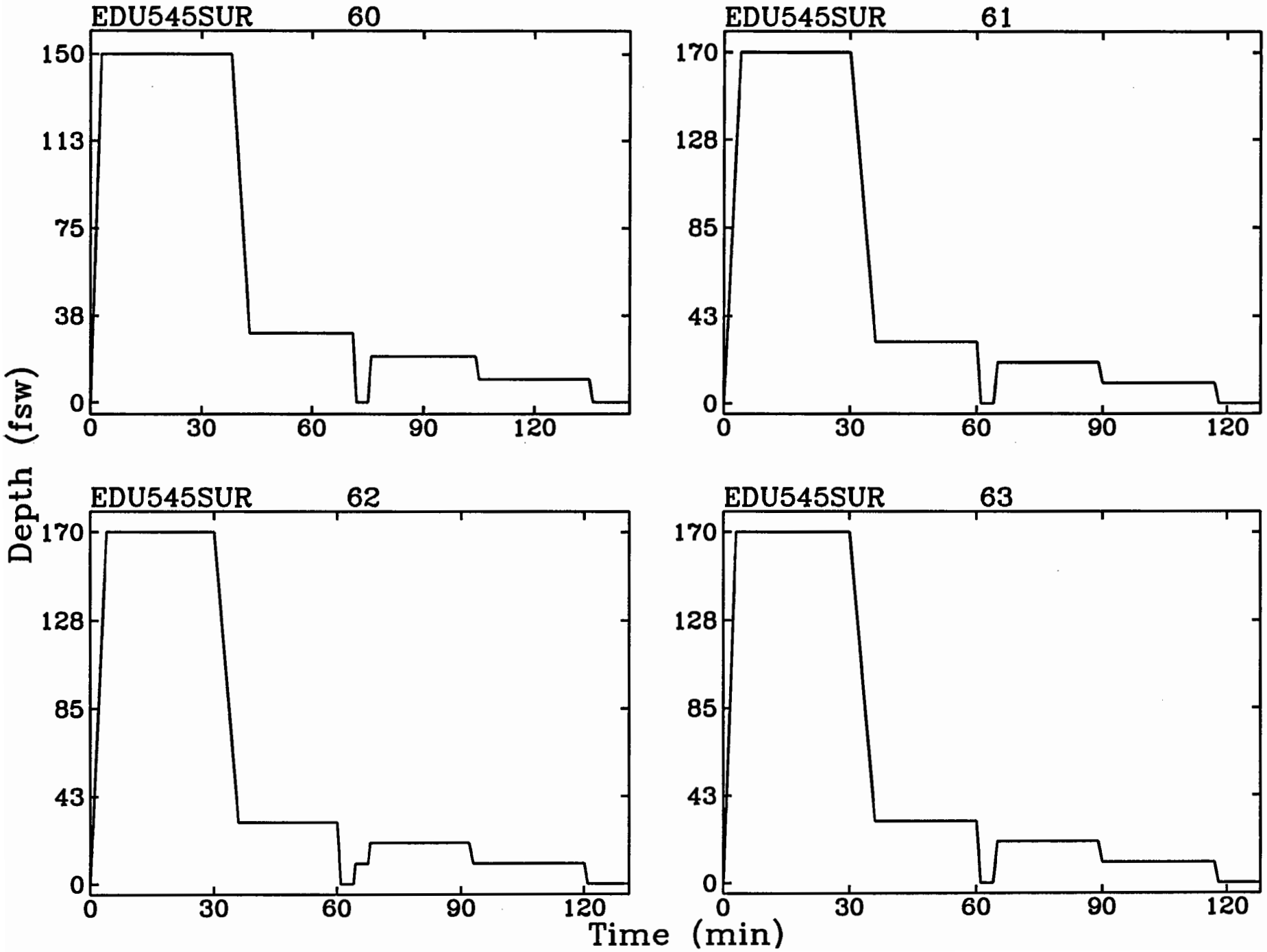

EDU545SUR 13
EDU545SUR 14
EDU545SUR 15
EDU545SUR 16
Depth (fsw)
Time (min)
0
25
50
75
100
0
30
60
90
120
150

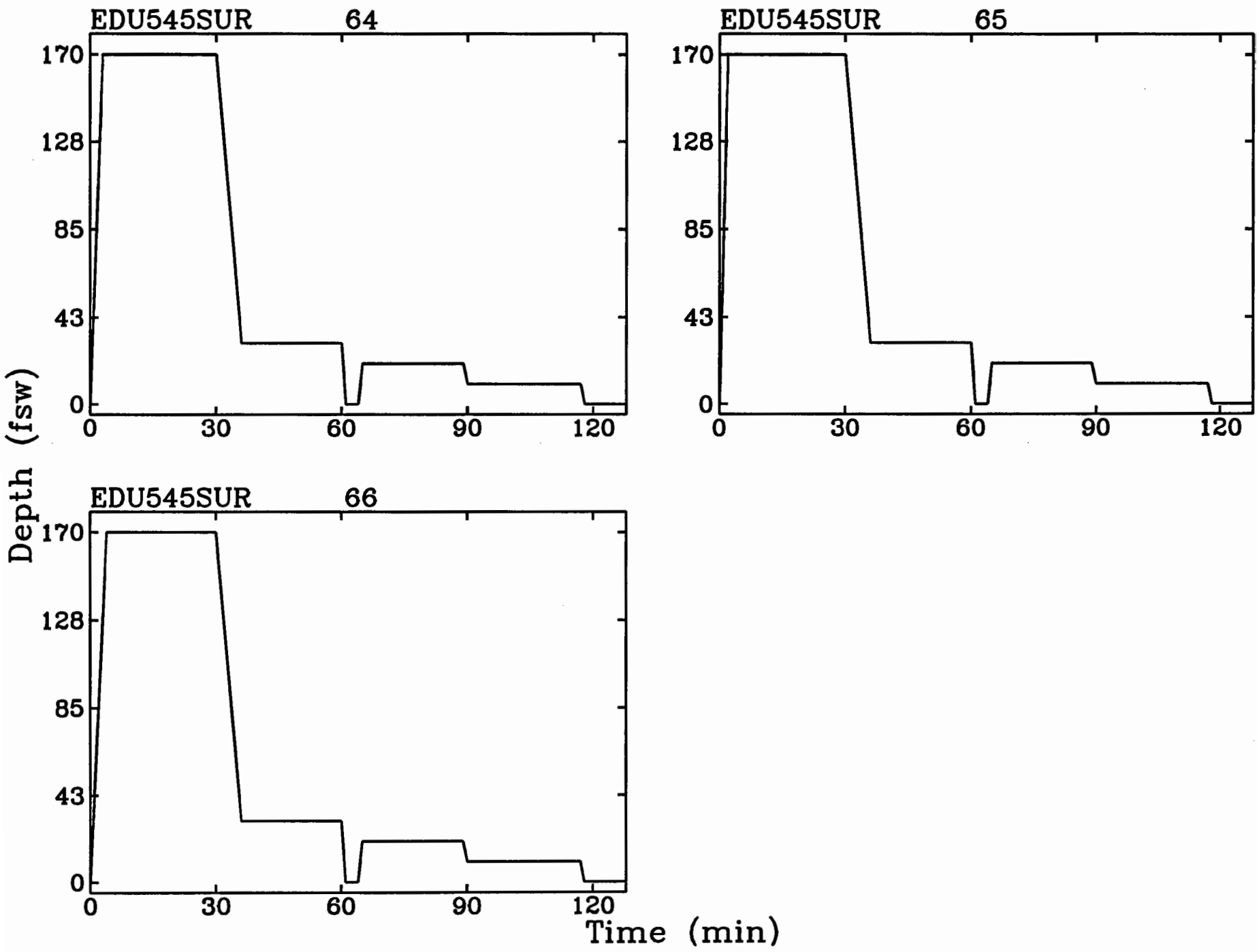

EDU545SUR 17
EDU545SUR 18
EDU545SUR 19
EDU545SUR 20
Depth (fsw)
Time (min)
0
25
50
75
100
0
30
60
90
120
150


EDU545SUR 21
EDU545SUR 22
EDU545SUR 23
EDU545SUR 51
Depth (fsw)
Time (min)
100
75
50
25
0
130
98
65
33
0
30
60
90
120
150


EDU545SUR 52
EDU545SUR 53
EDU545SUR 54
EDU545SUR 55
Depth (fsw)
Time (min)
130
98
65
33
0
150
113
75
38
0
30
60
90
120
150


EDU545SUR 56
EDU545SUR 57
EDU545SUR 58
EDU545SUR 59
150
113
75
38
0
0
30
60
90
120
Depth (fsw)
Time (min)


EDU545SUR 60
150
113
75
38
0
0 30 60 90 120
EDU545SUR 61
170
128
85
43
0
0 30 60 90 120
EDU545SUR 62
170
128
85
43
0
0 30 60 90 120
EDU545SUR 63
170
128
85
43
0
0 30 60 90 120
Depth (fsw)
Time (min)


EDU545SUR 64
EDU545SUR 65
EDU545SUR 66
170
128
85
43
0
0
30
60
90
120
Depth (fsw)
Time (min)

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IX. Surface Decompression (O_2)

SECTION IX: SURFACE DECOMPRESSION (OXYGEN)

A. EDU1351SD 1035 dives; 20 DCS, 233 Marginal

Profile #2	Profile #4	Profile #7	Profile #9
104.0, 85.0, 4.2, 1.0, 3, 0.50, 138.16, 1580.16, 0.00, 0.00, 1.39, 104.00, 85.00, 104.00, 89.16, 0.00, 92.66, 0.00, 93.16, 50.00, 2.99, 0.10, 138.16, 50.00, 140.16, 0.00, 1.00, 0.10, 1580.16, 0.00,	134.0, 60.0, 9.4, 1.0, 2, 0.50, 126.36, 1568.36, 0.00, 0.00, 1.79, 134.00, 60.00, 134.00, 64.00, 34.00, 68.00, 34.00, 69.20, 0.00, 72.70, 0.00, 73.20, 50.00, 2.99, 0.10, 126.20, 50.00, 128.20, 0.00, 1.00, 0.10, 1568.20, 0.00,	154.0, 50.0, 16.2, 1.0, 3, 0.50, 121.16, 1563.16, 0.00, 0.00, 2.05, 154.00, 50.00, 154.00, 54.80, 34.00, 64.80, 34.00, 66.00, 0.00, 69.50, 0.00, 70.00, 50.00, 2.99, 0.10, 121.00, 50.00, 123.00, 0.00, 1.00, 0.10, 1563.00, 0.00,	154.0, 50.0, 16.2, 1.0, 1, 0.50, 121.16, 1563.16, 0.00, 0.00, 2.05, 154.00, 50.00, 154.00, 54.80, 34.00, 64.80, 34.00, 66.00, 0.00, 69.50, 0.00, 70.00, 50.00, 2.99, 0.10, 121.00, 50.00, 123.00, 0.00, 1.00, 0.10, 1563.00, 0.00,
Profile #12	**Profile #13**	**Profile #16**	**Profile #18**
174.0, 42.0, 19.0, 1.0, 2, 0.50, 114.96, 1556.96, 0.00, 0.00, 2.32, 174.00, 42.00, 174.00, 47.60, 34.00, 59.60, 34.00, 60.80, 0.00, 64.30, 0.00, 64.80, 50.00, 2.99, 0.10, 114.80, 50.00, 116.80, 0.00, 1.00, 0.10, 1556.80, 0.00,	174.0, 42.0, 19.0, 1.0, 1, 0.50, 42.00, 64.46, 0.00, 0.00, 2.32, 174.00, 42.00, 174.00, 47.60, 34.00, 59.60, 34.00, 60.80, 0.00, 64.30, 0.00, 64.80, 50.00, 2.99, 0.10, 114.80, 50.00, 116.80, 0.00, 1.00, 0.10, 1556.80, 0.00,	74.0, 90.0, 3.0, 1.0, 6, 0.50, 109.96, 1551.96, 0.00, 0.00, 0.99, 74.00, 90.00, 74.00, 92.96, 0.00, 96.46, 0.00, 96.96, 40.00, 2.99, 0.10, 109.96, 40.00, 111.96, 0.00, 1.00, 0.10, 1551.96, 0.00,	74.0, 90.0, 3.0, 1.0, 3, 0.50, 106.96, 1548.96, 0.00, 0.00, 0.99, 74.00, 90.00, 74.00, 92.96, 0.00, 96.46, 0.00, 96.96, 40.00, 2.99, 0.10, 106.96, 40.00, 108.96, 0.00, 1.00, 0.10, 1548.96, 0.00,

Profile #22	**Profile #24**	**Profile #25**	**Profile #27**
74.0, 120.0, 3.0, 1.0, 1, 0.50, 141.96, 1583.96, 0.00, 0.00, 0.99, 74.00, 120.00, 74.00, 122.96, 0.00, 126.46, 0.00, 126.96, 40.00, 2.99, 0.10, 141.96, 40.00, 143.96, 0.00, 1.00, 0.10, 1583.96, 0.00,	74.0, 120.0, 3.0, 1.0, 1, 0.50, 138.96, 1580.96, 0.00, 0.00, 0.99, 74.00, 120.00, 74.00, 122.96, 0.00, 126.46, 0.00, 126.96, 40.00, 2.99, 0.10, 138.96, 40.00, 140.96, 0.00, 1.00, 0.10, 1580.96, 0.00,	74.0, 120.0, 3.0, 1.0, 2, 0.50, 138.96, 1580.96, 0.00, 0.00, 0.99, 74.00, 120.00, 74.00, 122.96, 0.00, 126.46, 0.00, 126.96, 40.00, 2.99, 0.10, 138.96, 40.00, 140.96, 0.00, 1.00, 0.10, 1580.96, 0.00,	74.0, 120.0, 3.0, 1.0, 2, 0.50, 135.96, 1577.96, 0.00, 0.00, 0.99, 74.00, 120.00, 74.00, 122.96, 0.00, 126.46, 0.00, 126.96, 40.00, 2.99, 0.10, 135.96, 40.00, 137.96, 0.00, 1.00, 0.10, 1577.96, 0.00,
Profile #29	**Profile #30**	**Profile #32**	**Profile #33**
74.0, 120.0, 3.0, 1.0, 2, 0.50, 133.96, 1575.96, 0.00, 0.00, 0.99, 74.00, 120.00, 74.00, 122.96, 0.00, 126.46, 0.00, 126.96, 40.00, 2.99, 0.10, 133.96, 40.00, 135.96, 0.00, 1.00, 0.10, 1575.96, 0.00,	74.0, 120.0, 3.0, 1.0, 1, 0.50, 133.96, 1575.96, 0.00, 0.00, 0.99, 74.00, 120.00, 74.00, 122.96, 0.00, 126.46, 0.00, 126.96, 40.00, 2.99, 0.10, 133.96, 40.00, 135.96, 0.00, 1.00, 0.10, 1575.96, 0.00,	84.0, 85.0, 3.4, 1.0, 2, 0.50, 111.36, 1553.36, 0.00, 0.00, 1.12, 84.00, 85.00, 84.00, 88.36, 0.00, 91.86, 0.00, 92.36, 40.00, 2.99, 0.10, 111.36, 40.00, 113.36, 0.00, 1.00, 0.10, 1553.36, 0.00,	84.0, 85.0, 3.4, 1.0, 1, 0.50, 111.36, 1553.36, 0.00, 0.00, 1.12, 84.00, 85.00, 84.00, 88.36, 0.00, 91.86, 0.00, 92.36, 40.00, 2.99, 0.10, 111.36, 40.00, 113.36, 0.00, 1.00, 0.10, 1553.36, 0.00,
Profile #35	**Profile #37**	**Profile #39**	**Profile #42**
84.0, 85.0, 3.4, 1.0, 2, 0.50, 108.36, 1550.36, 0.00, 0.00, 1.12, 84.00, 85.00, 84.00, 88.36, 0.00, 91.86, 0.00, 92.36, 40.00, 2.99, 0.10, 108.36, 40.00, 110.36, 0.00, 1.00, 0.10, 1550.36, 0.00,	84.0, 115.0, 3.4, 1.0, 1, 0.50, 170.36, 1612.36, 0.00, 0.00, 1.12, 84.00, 115.00, 84.00, 118.36, 0.00, 121.86, 0.00, 122.36, 40.00, 2.99, 0.10, 170.36, 40.00, 172.36, 0.00, 1.00, 0.10, 1612.36, 0.00,	84.0, 115.0, 3.4, 1.0, 1, 0.50, 153.36, 1595.36, 0.00, 0.00, 1.12, 84.00, 115.00, 84.00, 118.36, 0.00, 121.86, 0.00, 122.36, 40.00, 2.99, 0.10, 153.36, 40.00, 155.36, 0.00, 1.00, 0.10, 1595.36, 0.00,	94.0, 60.0, 3.8, 1.0, 2, 0.50, 72.76, 1514.76, 0.00, 0.00, 1.25, 94.00, 60.00, 94.00, 63.76, 0.00, 67.26, 0.00, 67.76, 40.00, 2.99, 0.10, 72.76, 40.00, 74.76, 0.00, 1.00, 0.10, 1514.76, 0.00,

Profile #44

94.0, 60.0, 3.8,
1.0, 2, 0.50, 69.76, 1511.76,
0.00, 0.00,
1.25, 94.00,
60.00, 94.00,
63.76, 0.00,
67.26, 0.00,
67.76, 40.00, 2.99, 0.10,
69.76, 40.00,
71.76, 0.00, 1.00, 0.10,
1511.76, 0.00,

Profile #46

94.0, 75.0, 3.8,
1.0, 1, 0.50, 97.76, 1539.76,
0.00, 0.00,
1.25, 94.00,
75.00, 94.00,
78.76, 0.00,
82.26, 0.00,
82.76, 40.00, 2.99, 0.10,
97.76, 40.00,
99.76, 0.00, 1.00, 0.10,
1539.76, 0.00,

Profile #48

94.0, 95.0, 3.8,
1.0, 2, 0.50, 152.76, 1594.76,
0.00, 0.00,
1.25, 94.00,
95.00, 94.00,
98.76, 0.00,
102.26, 0.00,
102.76, 40.00, 2.99, 0.10,
152.76, 40.00,
154.76, 0.00, 1.00, 0.10,
1594.76, 0.00,

Profile #50

94.0, 95.0, 3.8,
1.0, 1, 0.50, 125.76, 1567.76,
0.00, 0.00,
1.25, 94.00,
95.00, 94.00,
98.76, 0.00,
102.26, 0.00,
102.76, 40.00, 2.99, 0.10,
125.76, 40.00,
127.76, 0.00, 1.00, 0.10,
1567.76, 0.00,

Profile #52

94.0, 130.0, 3.8,
1.0, 2, 0.50, 176.76, 1618.76,
0.00, 0.00,
1.25, 94.00,
130.00, 94.00,
133.76, 0.00,
137.26, 0.00,
137.76, 40.00, 2.99, 0.10,
176.76, 40.00,
178.76, 0.00, 1.00, 0.10,
1618.76, 0.00,

Profile #54

94.0, 130.0, 3.8,
1.0, 2, 0.50, 173.76, 1615.76,
0.00, 0.00,
1.25, 94.00,
130.00, 94.00,
133.76, 0.00,
137.26, 0.00,
137.76, 40.00, 2.99, 0.10,
173.76, 40.00,
175.76, 0.00, 1.00, 0.10,
1615.76, 0.00,

Profile #57

94.0, 130.0, 3.8,
1.0, 1, 0.50, 167.76, 1609.76,
0.00, 0.00,
1.25, 94.00,
130.00, 94.00,
133.76, 0.00,
137.26, 0.00,
137.76, 40.00, 2.99, 0.10,
167.76, 40.00,
169.76, 0.00, 1.00, 0.10,
1609.76, 0.00,

Profile #58

94.0, 130.0, 3.8,
1.0, 1, 0.50, 167.76, 1609.76,
0.00, 0.00,
1.25, 94.00,
130.00, 94.00,
133.76, 0.00,
137.26, 0.00,
137.76, 40.00, 2.99, 0.10,
167.76, 40.00,
169.76, 0.00, 1.00, 0.10,
1609.76, 0.00,

Profile #61

104.0, 28.0, 4.2,
1.0, 3, 0.50, 38.16, 1480.16,
0.00, 0.00,
1.39, 104.00,
28.00, 104.00,
32.16, 0.00,
35.66, 0.00,
36.16, 40.00, 2.99, 0.10,
38.16, 40.00,
40.16, 0.00, 1.00, 0.10,
1480.16, 0.00,

Profile #63

104.0, 30.0, 4.2,
1.0, 2, 0.50, 40.16, 1482.16,
0.00, 0.00,
1.39, 104.00,
30.00, 104.00,
34.16, 0.00,
37.66, 0.00,
38.16, 40.00, 2.99, 0.10,
40.16, 40.00,
42.16, 0.00, 1.00, 0.10,
1482.16, 0.00,

Profile #65

104.0, 40.0, 4.2,
1.0, 1, 0.50, 50.16, 1492.16,
0.00, 0.00,
1.39, 104.00,
40.00, 104.00,
44.16, 0.00,
47.66, 0.00,
48.16, 40.00, 2.99, 0.10,
50.16, 40.00,
52.16, 0.00, 1.00, 0.10,
1492.16, 0.00,

Profile #66

104.0, 40.0, 4.2,
1.0, 1, 0.50, 50.16, 1492.16,
0.00, 0.00,
1.39, 104.00,
40.00, 104.00,
44.16, 0.00,
47.66, 0.00,
48.16, 40.00, 2.99, 0.10,
50.16, 40.00,
52.16, 0.00, 1.00, 0.10,
1492.16, 0.00,

Profile #69	**Profile #70**	**Profile #71**	**Profile #73**
104.0, 60.0, 4.2, 1.0, 3, 0.50, 101.16, 1543.16, 0.00, 0.00, 1.39, 104.00, 60.00, 104.00, 64.16, 0.00, 67.66, 0.00, 68.16, 40.00, 2.99, 0.10, 101.16, 40.00, 103.16, 0.00, 1.00, 0.10, 1543.16, 0.00,	104.0, 60.0, 4.2, 1.0, 2, 0.50, 94.16, 1536.16, 0.00, 0.00, 1.39, 104.00, 60.00, 104.00, 64.16, 0.00, 67.66, 0.00, 68.16, 40.00, 2.99, 0.10, 94.16, 40.00, 96.16, 0.00, 1.00, 0.10, 1536.16, 0.00,	104.0, 60.0, 4.2, 1.0, 2, 0.50, 94.16, 1536.16, 0.00, 0.00, 1.39, 104.00, 60.00, 104.00, 64.16, 0.00, 67.66, 0.00, 68.16, 40.00, 2.99, 0.10, 94.16, 40.00, 96.16, 0.00, 1.00, 0.10, 1536.16, 0.00,	104.0, 60.0, 4.2, 1.0, 2, 0.50, 88.16, 1530.16, 0.00, 0.00, 1.39, 104.00, 60.00, 104.00, 64.16, 0.00, 67.66, 0.00, 68.16, 40.00, 2.99, 0.10, 88.16, 40.00, 90.16, 0.00, 1.00, 0.10, 1530.16, 0.00,
Profile #77	**Profile #79**	**Profile #80**	**Profile #82**
104.0, 60.0, 4.2, 1.0, 1, 0.50, 77.16, 1519.16, 0.00, 0.00, 1.39, 104.00, 60.00, 104.00, 64.16, 0.00, 67.66, 0.00, 68.16, 40.00, 2.99, 0.10, 77.16, 40.00, 79.16, 0.00, 1.00, 0.10, 1519.16, 0.00,	104.0, 60.0, 4.2, 1.0, 1, 0.50, 75.16, 1517.16, 0.00, 0.00, 1.39, 104.00, 60.00, 104.00, 64.16, 0.00, 67.66, 0.00, 68.16, 40.00, 2.99, 0.10, 75.16, 40.00, 77.16, 0.00, 1.00, 0.10, 1517.16, 0.00,	104.0, 60.0, 4.2, 1.0, 1, 0.50, 75.16, 1517.16, 0.00, 0.00, 1.39, 104.00, 60.00, 104.00, 64.16, 0.00, 67.66, 0.00, 68.16, 40.00, 2.99, 0.10, 75.16, 40.00, 77.16, 0.00, 1.00, 0.10, 1517.16, 0.00,	104.0, 60.0, 4.2, 1.0, 1, 0.50, 73.16, 1515.16, 0.00, 0.00, 1.39, 104.00, 60.00, 104.00, 64.16, 0.00, 67.66, 0.00, 68.16, 40.00, 2.99, 0.10, 73.16, 40.00, 75.16, 0.00, 1.00, 0.10, 1515.16, 0.00,
Profile #83	**Profile #85**	**Profile #89**	**Profile #91**
104.0, 60.0, 4.2, 1.0, 1, 0.50, 73.16, 1515.16, 0.00, 0.00, 1.39, 104.00, 60.00, 104.00, 64.16, 0.00, 67.66, 0.00, 68.16, 40.00, 2.99, 0.10, 73.16, 40.00, 75.16, 0.00, 1.00, 0.10, 1515.16, 0.00,	104.0, 75.0, 4.2, 1.0, 1, 0.50, 102.16, 1544.16, 0.00, 0.00, 1.39, 104.00, 75.00, 104.00, 79.16, 0.00, 82.66, 0.00, 83.16, 40.00, 2.99, 0.10, 102.16, 40.00, 104.16, 0.00, 1.00, 0.10, 1544.16, 0.00,	104.0, 75.0, 4.2, 1.0, 1, 0.50, 96.16, 1538.16, 0.00, 0.00, 1.39, 104.00, 75.00, 104.00, 79.16, 0.00, 82.66, 0.00, 83.16, 40.00, 2.99, 0.10, 96.16, 40.00, 98.16, 0.00, 1.00, 0.10, 1538.16, 0.00,	104.0, 75.0, 4.2, 1.0, 1, 0.50, 94.16, 1536.16, 0.00, 0.00, 1.39, 104.00, 75.00, 104.00, 79.16, 0.00, 82.66, 0.00, 83.16, 40.00, 2.99, 0.10, 94.16, 40.00, 96.16, 0.00, 1.00, 0.10, 1536.16, 0.00,

Profile #92	**Profile #93**	**Profile #98**	**Profile #99**
104.0, 75.0, 4.2, 1.0, 1, 0.50, 94.16, 1536.16, 0.00, 0.00, 1.39, 104.00, 75.00, 104.00, 79.16, 0.00, 82.66, 0.00, 83.16, 40.00, 2.99, 0.10, 94.16, 40.00, 96.16, 0.00, 1.00, 0.10, 1536.16, 0.00,	104.0, 75.0, 4.2, 1.0, 1, 1.00, 94.16, 1536.16, 0.00, 0.00, 1.39, 104.00, 75.00, 104.00, 79.16, 0.00, 82.66, 0.00, 83.16, 40.00, 2.99, 0.10, 94.16, 40.00, 96.16, 0.00, 1.00, 0.10, 1536.16, 0.00,	104.0, 85.0, 4.2, 1.0, 1, 0.50, 112.16, 1554.16, 0.00, 0.00, 1.39, 104.00, 85.00, 104.00, 89.16, 0.00, 92.66, 0.00, 93.16, 40.00, 2.99, 0.10, 112.16, 40.00, 114.16, 0.00, 1.00, 0.10, 1554.16, 0.00,	104.0, 85.0, 4.2, 1.0, 1, 0.50, 112.16, 1554.16, 0.00, 0.00, 1.39, 104.00, 85.00, 104.00, 89.16, 0.00, 92.66, 0.00, 93.16, 40.00, 2.99, 0.10, 112.16, 40.00, 114.16, 0.00, 1.00, 0.10, 1554.16, 0.00,
Profile #101	**Profile #102**	**Profile #105**	**Profile #110**
104.0, 85.0, 4.2, 1.0, 2, 0.50, 109.16, 1551.16, 0.00, 0.00, 1.39, 104.00, 85.00, 104.00, 89.16, 0.00, 92.66, 0.00, 93.16, 40.00, 2.99, 0.10, 109.16, 40.00, 111.16, 0.00, 1.00, 0.10, 1551.16, 0.00,	104.0, 85.0, 4.2, 1.0, 1, 1.00, 109.16, 1551.16, 0.00, 0.00, 1.39, 104.00, 85.00, 104.00, 89.16, 0.00, 92.66, 0.00, 93.16, 40.00, 2.99, 0.10, 109.16, 40.00, 111.16, 0.00, 1.00, 0.10, 1551.16, 0.00,	104.0, 120.0, 4.2, 1.0, 1, 0.50, 178.16, 1620.16, 0.00, 0.00, 1.39, 104.00, 120.00, 104.00, 124.16, 0.00, 127.66, 0.00, 128.16, 40.00, 2.99, 0.10, 178.16, 40.00, 180.16, 0.00, 1.00, 0.10, 1620.16, 0.00,	104.0, 120.0, 4.2, 1.0, 3, 0.50, 169.16, 1611.16, 0.00, 0.00, 1.39, 104.00, 120.00, 104.00, 124.16, 0.00, 127.66, 0.00, 128.16, 40.00, 2.99, 0.10, 169.16, 40.00, 171.16, 0.00, 1.00, 0.10, 1611.16, 0.00,
Profile #112	**Profile #114**	**Profile #116**	**Profile #119**
104.0, 120.0, 4.2, 1.0, 1, 0.50, 175.16, 1617.16, 0.00, 0.00, 1.39, 104.00, 120.00, 104.00, 124.16, 0.00, 127.66, 0.00, 128.16, 40.00, 2.99, 0.10, 175.16, 40.00, 177.16, 0.00, 1.00, 0.10, 1617.16, 0.00,	114.0, 55.0, 4.6, 1.0, 2, 0.50, 79.56, 1521.56, 0.00, 0.00, 1.52, 114.00, 55.00, 114.00, 59.56, 0.00, 63.06, 0.00, 63.56, 40.00, 2.99, 0.10, 79.56, 40.00, 81.56, 0.00, 1.00, 0.10, 1521.56, 0.00,	114.0, 55.0, 4.6, 1.0, 1, 0.50, 78.56, 1520.56, 0.00, 0.00, 1.52, 114.00, 55.00, 114.00, 59.56, 0.00, 63.06, 0.00, 63.56, 40.00, 2.99, 0.10, 78.56, 40.00, 80.56, 0.00, 1.00, 0.10, 1520.56, 0.00,	114.0, 55.0, 4.6, 1.0, 1, 0.50, 72.56, 1514.56, 0.00, 0.00, 1.52, 114.00, 55.00, 114.00, 59.56, 0.00, 63.06, 0.00, 63.56, 40.00, 2.99, 0.10, 72.56, 40.00, 74.56, 0.00, 1.00, 0.10, 1514.56, 0.00,

Profile #120

114.0, 55.0, 4.6,
1.0, 1, 1.00, 72.56, 1514.56,
0.00, 0.00,
1.52, 114.00,
55.00, 114.00,
59.56, 0.00,
63.06, 0.00,
63.56, 40.00, 2.99, 0.10,
72.56, 40.00,
74.56, 0.00, 1.00, 0.10,
1514.56, 0.00,

Profile #124

114.0, 75.0, 4.6,
1.0, 5, 0.50, 114.56, 1556.56,
0.00, 0.00,
1.52, 114.00,
75.00, 114.00,
79.56, 0.00,
83.06, 0.00,
83.56, 40.00, 2.99, 0.10,
114.56, 40.00,
116.56, 0.00, 1.00, 0.10,
1556.56, 0.00,

Profile #128

114.0, 105.0, 10.6,
1.0, 2, 0.50, 170.56, 1612.56,
0.00, 0.00,
1.52, 114.00,
105.00, 114.00,
108.20, 34.00,
114.20, 34.00,
115.40, 0.00,
118.90, 0.00,
119.40, 40.00, 2.99, 0.10,
170.40, 40.00,
172.40, 0.00, 1.00, 0.10,
1612.40, 0.00,

Profile #129

114.0, 105.0, 10.6,
1.0, 4, 0.50, 165.56, 1607.56,
0.00, 0.00,
1.52, 114.00,
105.00, 114.00,
108.20, 34.00,
114.20, 34.00,
115.40, 0.00,
118.90, 0.00,
119.40, 40.00, 2.99, 0.10,
165.40, 40.00,
167.40, 0.00, 1.00, 0.10,
1607.40, 0.00,

Profile #132

114.0, 105.0, 10.6,
1.0, 1, 1.00, 158.56, 1600.56,
0.00, 0.00,
1.52, 114.00,
105.00, 114.00,
108.20, 34.00,
114.20, 34.00,
115.40, 0.00,
118.90, 0.00,
119.40, 40.00, 2.99, 0.10,
158.40, 40.00,
160.40, 0.00, 1.00, 0.10,
1600.40, 0.00,

Profile #135

114.0, 110.0, 16.6,
1.0, 1, 0.50, 184.56, 1626.56,
0.00, 0.00,
1.52, 114.00,
110.00, 114.00,
113.20, 34.00,
125.20, 34.00,
126.40, 0.00,
129.90, 0.00,
130.40, 40.00, 2.99, 0.10,
184.40, 40.00,
186.40, 0.00, 1.00, 0.10,
1626.40, 0.00,

Profile #138

124.0, 45.0, 5.0,
1.0, 1, 0.50, 68.96, 1510.96,
0.00, 0.00,
1.65, 124.00,
45.00, 124.00,
49.96, 0.00,
53.46, 0.00,
53.96, 40.00, 2.99, 0.10,
68.96, 40.00,
70.96, 0.00, 1.00, 0.10,
1510.96, 0.00,

Profile #141

124.0, 45.0, 5.0,
1.0, 1, 0.50, 62.96, 1504.96,
0.00, 0.00,
1.65, 124.00,
45.00, 124.00,
49.96, 0.00,
53.46, 0.00,
53.96, 40.00, 2.99, 0.10,
62.96, 40.00,
64.96, 0.00, 1.00, 0.10,
1504.96, 0.00,

Profile #143

124.0, 45.0, 5.0,
1.0, 1, 0.50, 59.96, 1501.96,
0.00, 0.00,
1.65, 124.00,
45.00, 124.00,
49.96, 0.00,
53.46, 0.00,
53.96, 40.00, 2.99, 0.10,
59.96, 40.00,
61.96, 0.00, 1.00, 0.10,
1501.96, 0.00,

Profile #145

124.0, 65.0, 8.0,
1.0, 4, 0.50, 111.96, 1553.96,
0.00, 0.00,
1.65, 124.00,
65.00, 124.00,
68.60, 34.00,
71.60, 34.00,
72.80, 0.00,
76.30, 0.00,
76.80, 40.00, 2.99, 0.10,
111.80, 40.00,
113.80, 0.00, 1.00, 0.10,
1553.80, 0.00,

Profile #146

124.0, 65.0, 8.0,
1.0, 3, 0.50, 106.96, 1548.96,
0.00, 0.00,
1.65, 124.00,
65.00, 124.00,
68.60, 34.00,
71.60, 34.00,
72.80, 0.00,
76.30, 0.00,
76.80, 40.00, 2.99, 0.10,
106.80, 40.00,
108.80, 0.00, 1.00, 0.10,
1548.80, 0.00,

Profile #147

124.0, 65.0, 8.0,
1.0, 1, 0.50, 106.96, 1548.96,
0.00, 0.00,
1.65, 124.00,
65.00, 124.00,
68.60, 34.00,
71.60, 34.00,
72.80, 0.00,
76.30, 0.00,
76.80, 40.00, 2.99, 0.10,
106.80, 40.00,
108.80, 0.00, 1.00, 0.10,
1548.80, 0.00,

Profile #149

124.0, 65.0, 8.0,
1.0, 2, 0.50, 103.96, 1545.96,
0.00, 0.00,
1.65, 124.00,
65.00, 124.00,
68.60, 34.00,
71.60, 34.00,
72.80, 0.00,
76.30, 0.00,
76.80, 40.00, 2.99, 0.10,
103.80, 40.00,
105.80, 0.00, 1.00, 0.10,
1545.80, 0.00,

Profile #150

124.0, 65.0, 8.0,
1.0, 1, 0.50, 103.96, 1545.96,
0.00, 0.00,
1.65, 124.00,
65.00, 124.00,
68.60, 34.00,
71.60, 34.00,
72.80, 0.00,
76.30, 0.00,
76.80, 40.00, 2.99, 0.10,
103.80, 40.00,
105.80, 0.00, 1.00, 0.10,
1545.80, 0.00,

Profile #154

124.0, 100.0, 26.0,
1.0, 3, 0.50, 182.96, 1624.96,
0.00, 0.00,
1.65, 124.00,
100.00, 124.00,
103.20, 44.00,
109.20, 44.00,
110.20, 34.00,
125.20, 34.00,
126.40, 0.00,
129.90, 0.00,
130.40, 40.00, 2.99, 0.10,
183.40, 40.00,
185.40, 0.00, 1.00, 0.10,
1625.40, 0.00,

Profile #156

124.0, 100.0, 23.0,
1.0, 1, 1.00, 174.96, 1616.96,
0.00, 0.00,
1.65, 124.00,
100.00, 124.00,
103.20, 44.00,
109.20, 44.00,
110.20, 34.00,
122.20, 34.00,
123.40, 0.00,
126.90, 0.00,
127.40, 40.00, 2.99, 0.10,
175.40, 40.00,
177.40, 0.00, 1.00, 0.10,
1617.40, 0.00,

Profile #159	**Profile #160**	**Profile #162**	**Profile #163**
124.0, 100.0, 23.0, 1.0, 1, 0.50, 169.96, 1611.96, 0.00, 0.00, 1.65, 124.00, 100.00, 124.00, 103.20, 44.00, 109.20, 44.00, 110.20, 34.00, 122.20, 34.00, 123.40, 0.00, 126.90, 0.00, 127.40, 40.00, 2.99, 0.10, 170.40, 40.00, 172.40, 0.00, 1.00, 0.10, 1612.40, 0.00,	124.0, 100.0, 23.0, 1.0, 1, 0.50, 169.96, 1611.96, 0.00, 0.00, 1.65, 124.00, 100.00, 124.00, 103.20, 44.00, 109.20, 44.00, 110.20, 34.00, 122.20, 34.00, 123.40, 0.00, 126.90, 0.00, 127.40, 40.00, 2.99, 0.10, 170.40, 40.00, 172.40, 0.00, 1.00, 0.10, 1612.40, 0.00,	124.0, 100.0, 23.0, 1.0, 2, 0.50, 166.96, 1608.96, 0.00, 0.00, 1.65, 124.00, 100.00, 124.00, 103.20, 44.00, 109.20, 44.00, 110.20, 34.00, 122.20, 34.00, 123.40, 0.00, 126.90, 0.00, 127.40, 40.00, 2.99, 0.10, 167.40, 40.00, 169.40, 0.00, 1.00, 0.10, 1609.40, 0.00,	124.0, 100.0, 23.0, 1.0, 1, 0.50, 166.96, 1608.96, 0.00, 0.00, 1.65, 124.00, 100.00, 124.00, 103.20, 44.00, 109.20, 44.00, 110.20, 34.00, 122.20, 34.00, 123.40, 0.00, 126.90, 0.00, 127.40, 40.00, 2.99, 0.10, 167.40, 40.00, 169.40, 0.00, 1.00, 0.10, 1609.40, 0.00,
Profile #168	**Profile #170**	**Profile #172**	**Profile #174**
134.0, 35.0, 5.4, 1.0, 1, 0.50, 53.36, 1495.36, 0.00, 0.00, 1.79, 134.00, 35.00, 134.00, 40.36, 0.00, 43.86, 0.00, 44.36, 40.00, 2.99, 0.10, 53.36, 40.00, 55.36, 0.00, 1.00, 0.10, 1495.36, 0.00,	134.0, 35.0, 5.4, 1.0, 1, 0.50, 51.36, 1493.36, 0.00, 0.00, 1.79, 134.00, 35.00, 134.00, 40.36, 0.00, 43.86, 0.00, 44.36, 40.00, 2.99, 0.10, 51.36, 40.00, 53.36, 0.00, 1.00, 0.10, 1493.36, 0.00,	134.0, 35.0, 5.4, 1.0, 1, 0.50, 49.36, 1491.36, 0.00, 0.00, 1.79, 134.00, 35.00, 134.00, 40.36, 0.00, 43.86, 0.00, 44.36, 40.00, 2.99, 0.10, 49.36, 40.00, 51.36, 0.00, 1.00, 0.10, 1491.36, 0.00,	134.0, 52.0, 9.4, 1.0, 1, 0.50, 88.36, 1530.36, 0.00, 0.00, 1.79, 134.00, 52.00, 134.00, 56.00, 34.00, 60.00, 34.00, 61.20, 0.00, 64.70, 0.00, 65.20, 40.00, 2.99, 0.10, 88.20, 40.00, 90.20, 0.00, 1.00, 0.10, 1530.20, 0.00,

Profile #177	**Profile #178**	**Profile #180**	**Profile #181**
134.0, 60.0, 10.4, 1.0, 1, 0.50, 102.36, 1544.36, 0.00, 0.00, 1.79, 134.00, 60.00, 134.00, 64.00, 34.00, 69.00, 34.00, 70.20, 0.00, 73.70, 0.00, 74.20, 40.00, 2.99, 0.10, 102.20, 40.00, 104.20, 0.00, 1.00, 0.10 1544.20, 0.00,	134.0, 60.0, 10.4, 1.0, 1, 0.50, 102.36, 1544.36, 0.00, 0.00, 1.79, 134.00, 60.00, 134.00, 64.00, 34.00, 69.00, 34.00, 70.20, 0.00, 73.70, 0.00, 74.20, 40.00, 2.99, 0.10, 102.20, 40.00, 104.20, 0.00, 1.00, 0.10, 1544.20, 0.00,	134.0, 60.0, 10.4, 1.0, 1, 0.50, 100.36, 1542.36, 0.00, 0.00, 1.79, 134.00, 60.00, 134.00, 64.00, 34.00, 69.00, 34.00, 70.20, 0.00, 73.70, 0.00, 74.20, 40.00, 2.99, 0.10, 100.20, 40.00, 102.20, 0.00, 1.00, 0.10, 1542.20, 0.00,	134.0, 60.0, 10.4, 1.0, 1, 0.50, 94.36, 1536.36, 0.00, 0.00, 1.79, 134.00, 60.00, 134.00, 64.00, 34.00, 69.00, 34.00, 70.20, 0.00, 73.70, 0.00, 74.20, 40.00, 2.99, 0.10, 94.20, 40.00, 96.20, 0.00, 1.00, 0.10, 1536.20, 0.00,
Profile #182	**Profile #183**	**Profile #184**	**Profile #188**
134.0, 60.0, 10.4, 1.0, 1, 1.00, 94.36, 1536.36, 0.00, 0.00, 1.79, 134.00, 60.00, 134.00, 64.00, 34.00, 69.00, 34.00, 70.20, 0.00, 73.70, 0.00, 74.20, 40.00, 2.99, 0.10, 94.20, 40.00, 96.20, 0.00, 1.00, 0.10, 1536.20, 0.00,	134.0, 60.0, 10.4, 1.0, 1, 0.50, 94.36, 1536.36, 0.00, 0.00, 1.79, 134.00, 60.00, 134.00, 64.00, 34.00, 69.00, 34.00, 70.20, 0.00, 73.70, 0.00, 74.20, 40.00, 2.99, 0.10, 94.20, 40.00, 96.20, 0.00, 1.00, 0.10, 1536.20, 0.00,	134.0, 60.0, 10.4, 1.0, 1, 1.00, 94.36, 1536.36, 0.00, 0.00, 1.79, 134.00, 60.00, 134.00, 64.00, 34.00, 69.00, 34.00, 70.20, 0.00, 73.70, 0.00, 74.20, 40.00, 2.99, 0.10, 94.20, 40.00, 96.20, 0.00, 1.00, 0.10, 1536.20, 0.00,	134.0, 90.0, 27.4, 1.0, 1, 0.50, 167.36, 1609.36, 0.00, 0.00, 1.79, 134.00, 90.00, 134.00, 93.60, 44.00, 103.60, 44.00, 104.60, 34.00, 116.60, 34.00, 117.80, 0.00, 121.30, 0.00, 121.80, 40.00, 2.99, 0.10, 167.80, 40.00, 169.80, 0.00, 1.00, 0.10, 1609.80, 0.00,

Profile #190

134.0, 90.0, 27.4,
1.0, 1, 0.50, 164.36, 1606.36,
0.00, 0.00,
1.79, 134.00,
90.00, 134.00,
93.60, 44.00,
103.60, 44.00,
104.60, 34.00,
116.60, 34.00,
117.80, 0.00,
121.30, 0.00,
121.80, 40.00, 2.99, 0.10,
164.80, 40.00,
166.80, 0.00, 1.00, 0.10,
1606.80, 0.00,

Profile #192

134.0, 90.0, 27.4,
1.0, 1, 0.50, 161.36, 1603.36,
0.00, 0.00,
1.79, 134.00,
90.00, 134.00,
93.60, 44.00,
103.60, 44.00,
104.60, 34.00,
116.60, 34.00,
117.80, 0.00,
121.30, 0.00,
121.80, 40.00, 2.99, 0.10,
161.80, 40.00,
163.80, 0.00, 1.00, 0.10,
1603.80, 0.00,

Profile #194

134.0, 90.0, 27.4,
1.0, 1, 0.50, 158.36, 1600.36,
0.00, 0.00,
1.79, 134.00,
90.00, 134.00,
93.60, 44.00,
103.60, 44.00,
104.60, 34.00,
116.60, 34.00,
117.80, 0.00,
121.30, 0.00,
121.80, 40.00, 2.99, 0.10,
158.80, 40.00,
160.80, 0.00, 1.00, 0.10,
1600.80, 0.00,

Profile #197

144.0, 30.0, 5.8,
1.0, 1, 0.50, 50.76, 1492.76,
0.00, 0.00,
1.92, 144.00,
30.00, 144.00,
35.76, 0.00,
39.26, 0.00,
39.76, 40.00, 2.99, 0.10,
50.76, 40.00,
52.76, 0.00, 1.00, 0.10,
1492.76, 0.00,

Profile #208

144.0, 65.0, 15.8,
1.0, 1, 0.50, 122.76, 1564.76,
0.00, 0.00,
1.92, 144.00,
65.00, 144.00,
69.00, 44.00,
72.00, 44.00,
73.00, 34.00,
80.00, 34.00,
81.20, 0.00,
84.70, 0.00,
85.20, 40.00, 2.99, 0.10,
123.20, 40.00,
125.20, 0.00, 1.00, 0.10,
1565.20, 0.00,

Profile #209

144.0, 65.0, 15.8,
1.0, 1, 0.50, 122.76, 1564.76,
0.00, 0.00,
1.92, 144.00,
65.00, 144.00,
69.00, 44.00,
72.00, 44.00,
73.00, 34.00,
80.00, 34.00,
81.20, 0.00,
84.70, 0.00,
85.20, 40.00, 2.99, 0.10,
123.20, 40.00,
125.20, 0.00, 1.00, 0.10,
1565.20, 0.00,

Profile #211

144.0, 65.0, 15.8,
1.0, 1, 0.50, 119.76, 1561.76,
0.00, 0.00,
1.92, 144.00,
65.00, 144.00,
69.00, 44.00,
72.00, 44.00,
73.00, 34.00,
80.00, 34.00,
81.20, 0.00,
84.70, 0.00,
85.20, 40.00, 2.99, 0.10,
120.20, 40.00,
122.20, 0.00, 1.00, 0.10,
1562.20, 0.00,

Profile #212

144.0, 65.0, 15.8,
1.0, 1, 0.50, 119.76, 1561.76,
0.00, 0.00,
1.92, 144.00,
65.00, 144.00,
69.00, 44.00,
72.00, 44.00,
73.00, 34.00,
80.00, 34.00,
81.20, 0.00,
84.70, 0.00,
85.20, 40.00, 2.99, 0.10,
120.20, 40.00,
122.20, 0.00, 1.00, 0.10,
1562.20, 0.00,

Profile #214	**Profile #216**	**Profile #218**	**Profile #220**
144.0, 70.0, 21.8, 1.0, 3, 0.50, 143.76, 1585.76, 0.00, 0.00, 1.92, 144.00, 70.00, 144.00, 73.60, 54.00, 75.60, 54.00, 76.60, 44.00, 83.60, 44.00, 84.60, 34.00, 91.60, 34.00, 92.80, 0.00, 96.30, 0.00, 96.80, 40.00, 2.99, 0.10, 144.80, 40.00, 146.80, 0.00, 1.00, 0.10, 1586.80, 0.00,	144.0, 70.0, 18.8, 1.0, 1, 0.50, 144.76, 1586.76, 0.00, 0.00, 1.92, 144.00, 70.00, 144.00, 74.00, 44.00, 80.00, 44.00, 81.00, 34.00, 88.00, 34.00, 89.20, 0.00, 92.70, 0.00, 93.20, 40.00, 2.99, 0.10, 145.20, 40.00, 147.20, 0.00, 1.00, 0.10, 1587.20, 0.00,	144.0, 70.0, 18.8, 1.0, 1, 0.50, 138.76, 1580.76, 0.00, 0.00, 1.92, 144.00, 70.00, 144.00, 74.00, 44.00, 80.00, 44.00, 81.00, 34.00, 88.00, 34.00, 89.20, 0.00, 92.70, 0.00, 93.20, 40.00, 2.99, 0.10, 139.20, 40.00, 141.20, 0.00, 1.00, 0.10, 1581.20, 0.00,	144.0, 70.0, 18.8, 1.0, 1, 1.00, 135.76, 1577.76, 0.00, 0.00, 1.92, 144.00, 70.00, 144.00, 74.00, 44.00, 80.00, 44.00, 81.00, 34.00, 88.00, 34.00, 89.20, 0.00, 92.70, 0.00, 93.20, 40.00, 2.99, 0.10, 136.20, 40.00, 138.20, 0.00, 1.00, 0.10, 1578.20, 0.00,
Profile #226	**Profile #227**	**Profile #232**	**Profile #234**
154.0, 30.0, 6.2, 1.0, 1, 0.50, 49.16, 1491.16, 0.00, 0.00, 2.05, 154.00, 30.00, 154.00, 36.16, 0.00, 39.66, 0.00, 40.16, 40.00, 2.99, 0.10, 49.16, 40.00, 51.16, 0.00, 1.00, 0.10, 1491.16, 0.00,	154.0, 30.0, 6.2, 1.0, 1, 1.00, 49.16, 1491.16, 0.00, 0.00, 2.05, 154.00, 30.00, 154.00, 36.16, 0.00, 39.66, 0.00, 40.16, 40.00, 2.99, 0.10, 49.16, 40.00, 51.16, 0.00, 1.00, 0.10, 1491.16, 0.00,	154.0, 40.0, 14.2, 1.0, 1, 0.50, 84.16, 1526.16, 0.00, 0.00, 2.05, 154.00, 40.00, 154.00, 44.80, 34.00, 52.80, 34.00, 54.00, 0.00, 57.50, 0.00, 58.00, 40.00, 2.99, 0.10, 84.00, 40.00, 86.00, 0.00, 1.00, 0.10, 1526.00, 0.00,	154.0, 40.0, 11.2, 1.0, 1, 0.50, 40.00, 54.66, 0.00, 0.00, 2.05, 154.00, 40.00, 154.00, 44.80, 34.00, 49.80, 34.00, 51.00, 0.00, 54.50, 0.00, 55.00, 40.00, 2.99, 0.10, 78.00, 40.00, 80.00, 0.00, 1.00, 0.10, 1520.00, 0.00,

Profile #237

154.0, 40.0, 11.2,
1.0, 1, 0.50, 75.16, 1517.16,
0.00, 0.00,
2.05, 154.00,
40.00, 154.00,
44.80, 34.00,
49.80, 34.00,
51.00, 0.00,
54.50, 0.00,
55.00, 40.00, 2.99, 0.10,
75.00, 40.00,
77.00, 0.00, 1.00, 0.10,
1517.00, 0.00,

Profile #243

154.0, 50.0, 17.2,
1.0, 1, 0.50, 110.16, 1552.16,
0.00, 0.00,
2.05, 154.00,
50.00, 154.00,
54.00, 54.00,
55.00, 54.00,
56.00, 44.00,
60.00, 44.00,
61.00, 34.00,
67.00, 34.00,
68.20, 0.00,
71.70, 0.00,
72.20, 40.00, 2.99, 0.10,
111.20, 40.00,
113.20, 0.00, 1.00, 0.10,
1553.20, 0.00,

Profile #245

154.0, 50.0, 15.2,
1.0, 1, 0.50, 106.16, 1548.16,
0.00, 0.00,
2.05, 154.00,
50.00, 154.00,
54.40, 44.00,
56.40, 44.00,
57.40, 34.00,
64.40, 34.00,
65.60, 0.00,
69.10, 0.00,
69.60, 40.00, 2.99, 0.10,
106.60, 40.00,
108.60, 0.00, 1.00, 0.10,
1548.60, 0.00,

Profile #247

154.0, 50.0, 15.2,
1.0, 1, 0.50, 106.16, 1548.16,
0.00, 0.00,
2.05, 154.00,
50.00, 154.00,
54.40, 44.00,
56.40, 44.00,
57.40, 34.00,
64.40, 34.00,
65.60, 0.00,
69.10, 0.00,
69.60, 40.00, 2.99, 0.10,
106.60, 40.00,
108.60, 0.00, 1.00, 0.10,
1548.60, 0.00,

Profile #249

154.0, 50.0, 14.2,
1.0, 2, 0.50, 97.16, 1539.16,
0.00, 0.00,
2.05, 154.00,
50.00, 154.00,
54.80, 34.00,
62.80, 34.00,
64.00, 0.00,
67.50, 0.00,
68.00, 40.00, 2.99, 0.10,
97.00, 40.00,
99.00, 0.00, 1.00, 0.10,
1539.00, 0.00,

Profile #251

154.0, 50.0, 14.2,
1.0, 1, 1.00, 97.16, 1539.16,
0.00, 0.00,
2.05, 154.00,
50.00, 154.00,
54.80, 34.00,
62.80, 34.00,
64.00, 0.00,
67.50, 0.00,
68.00, 40.00, 2.99, 0.10,
97.00, 40.00,
99.00, 0.00, 1.00, 0.10,
1539.00, 0.00,

Profile #253

154.0, 50.0, 14.2,
1.0, 1, 0.50, 94.16, 1536.16,
0.00, 0.00,
2.05, 154.00,
50.00, 154.00,
54.80, 34.00,
62.80, 34.00,
64.00, 0.00,
67.50, 0.00,
68.00, 40.00, 2.99, 0.10,
94.00, 40.00,
96.00, 0.00, 1.00, 0.10,
1536.00, 0.00,

Profile #262

154.0, 65.0, 26.2,
1.0, 1, 0.50, 135.16, 1577.16,
0.00, 0.00,
2.05, 154.00,
65.00, 154.00,
69.40, 44.00,
78.40, 44.00,
79.40, 34.00,
90.40, 34.00,
91.60, 0.00,
95.10, 0.00,
95.60, 40.00, 2.99, 0.10,
135.60, 40.00,
137.60, 0.00, 1.00, 0.10,
1577.60, 0.00,

Profile #266

154.0, 65.0, 25.2,
1.0, 1, 0.50, 139.16, 1581.16,
0.00, 0.00,
2.05, 154.00,
65.00, 154.00,
69.00, 54.00,
77.00, 54.00,
78.00, 44.00,
89.00, 44.00,
90.00, 34.00,
91.20, 0.00,
94.70, 0.00,
95.20, 40.00, 2.99, 0.10,
140.20, 40.00,
142.20, 0.00, 1.00, 0.10,
1582.20, 0.00,

Profile #271

154.0, 80.0, 48.2,
1.0, 1, 0.50, 182.16, 1624.16,
0.00, 0.00,
2.05, 154.00,
80.00, 154.00,
84.40, 44.00,
102.40, 44.00,
103.40, 34.00,
127.40, 34.00,
128.60, 0.00,
132.10, 0.00,
132.60, 40.00, 2.99, 0.10,
182.60, 40.00,
184.60, 0.00, 1.00, 0.10,
1624.60, 0.00,

Profile #272

154.0, 80.0, 48.2,
1.0, 1, 1.00, 182.16, 1624.16,
0.00, 0.00,
2.05, 154.00,
80.00, 154.00,
84.40, 44.00,
102.40, 44.00,
103.40, 34.00,
127.40, 34.00,
128.60, 0.00,
132.10, 0.00,
132.60, 40.00, 2.99, 0.10,
182.60, 40.00,
184.60, 0.00, 1.00, 0.10,
1624.60, 0.00,

Profile #274

164.0, 20.0, 6.6,
1.0, 1, 0.50, 40.56, 1482.56,
0.00, 0.00,
2.19, 164.00,
20.00, 164.00,
26.56, 0.00,
30.06, 0.00,
30.56, 40.00, 2.99, 0.10,
40.56, 40.00,
42.56, 0.00, 1.00, 0.10,
1482.56, 0.00,

Profile #276

164.0, 25.0, 6.6,
1.0, 1, 0.50, 46.56, 1488.56,
0.00, 0.00,
2.19, 164.00,
25.00, 164.00,
31.56, 0.00,
35.06, 0.00,
35.56, 40.00, 2.99, 0.10,
46.56, 40.00,
48.56, 0.00, 1.00, 0.10,
1488.56, 0.00,

Profile #277

164.0, 25.0, 6.6,
1.0, 1, 0.50, 46.56, 1488.56,
0.00, 0.00,
2.19, 164.00,
25.00, 164.00,
31.56, 0.00,
35.06, 0.00,
35.56, 40.00, 2.99, 0.10,
46.56, 40.00,
48.56, 0.00, 1.00, 0.10,
1488.56, 0.00,

Profile #279

164.0, 25.0, 6.6,
1.0, 1, 0.50, 44.56, 1486.56,
0.00, 0.00,
2.19, 164.00,
25.00, 164.00,
31.56, 0.00,
35.06, 0.00,
35.56, 40.00, 2.99, 0.10,
44.56, 40.00,
46.56, 0.00, 1.00, 0.10,
1486.56, 0.00,

Profile #286

164.0, 34.0, 10.6,
1.0, 1, 0.50, 62.56, 1504.56,
0.00, 0.00,
2.19, 164.00,
34.00, 164.00,
39.20, 34.00,
43.20, 34.00,
44.40, 0.00,
47.90, 0.00,
48.40, 40.00, 2.99, 0.10,
62.40, 40.00,
64.40, 0.00, 1.00, 0.10,
1504.40, 0.00,

Profile #287

164.0, 34.0, 10.6,
1.0, 1, 0.50, 62.56, 1504.56,
0.00, 0.00,
2.19, 164.00,
34.00, 164.00,
39.20, 34.00,
43.20, 34.00,
44.40, 0.00,
47.90, 0.00,
48.40, 40.00, 2.99, 0.10,
62.40, 40.00,
64.40, 0.00, 1.00, 0.10,
1504.40, 0.00,

Profile #288

164.0, 34.0, 10.6,
1.0, 1, 0.50, 62.56, 1504.56,
0.00, 0.00,
2.19, 164.00,
34.00, 164.00,
39.20, 34.00,
43.20, 34.00,
44.40, 0.00,
47.90, 0.00,
48.40, 40.00, 2.99, 0.10,
62.40, 40.00,
64.40, 0.00, 1.00, 0.10,
1504.40, 0.00,

Profile #291

164.0, 35.0, 15.6,
1.0, 1, 0.50, 78.56, 1520.56,
0.00, 0.00,
2.19, 164.00,
35.00, 164.00,
39.80, 44.00,
41.80, 44.00,
42.80, 34.00,
49.80, 34.00,
51.00, 0.00,
54.50, 0.00,
55.00, 40.00, 2.99, 0.10,
79.00, 40.00,
81.00, 0.00, 1.00, 0.10,
1521.00, 0.00,

Profile #292

164.0, 35.0, 15.6,
1.0, 1, 0.50, 78.56, 1520.56,
0.00, 0.00,
2.19, 164.00,
35.00, 164.00,
39.80, 44.00,
41.80, 44.00,
42.80, 34.00,
49.80, 34.00,
51.00, 0.00,
54.50, 0.00,
55.00, 40.00, 2.99, 0.10,
79.00, 40.00,
81.00, 0.00, 1.00, 0.10,
1521.00, 0.00,

Profile #293

164.0, 35.0, 15.6,
1.0, 1, 0.50, 78.56, 1520.56,
0.00, 0.00,
2.19, 164.00,
35.00, 164.00,
39.80, 44.00,
41.80, 44.00,
42.80, 34.00,
49.80, 34.00,
51.00, 0.00,
54.50, 0.00,
55.00, 40.00, 2.99, 0.10,
79.00, 40.00,
81.00, 0.00, 1.00, 0.10,
1521.00, 0.00,

Profile #297

164.0, 35.0, 11.6,
1.0, 2, 0.50, 76.56, 1518.56,
0.00, 0.00,
2.19, 164.00,
35.00, 164.00,
40.20, 34.00,
45.20, 34.00,
46.40, 0.00,
49.90, 0.00,
50.40, 40.00, 2.99, 0.10,
76.40, 40.00,
78.40, 0.00, 1.00, 0.10,
1518.40, 0.00,

Profile #300

164.0, 40.0, 23.6,
1.0, 2, 0.50, 97.56, 1539.56,
0.00, 0.00,
2.19, 164.00,
40.00, 164.00,
44.80, 44.00,
50.80, 44.00,
51.80, 34.00,
62.80, 34.00,
64.00, 0.00,
67.50, 0.00,
68.00, 40.00, 2.99, 0.10,
98.00, 40.00,
100.00, 0.00, 1.00, 0.10,
1540.00, 0.00,

Profile #301

164.0, 40.0, 23.6,
1.0, 1, 0.50, 97.56, 1539.56,
0.00, 0.00,
2.19, 164.00,
40.00, 164.00,
44.80, 44.00,
50.80, 44.00,
51.80, 34.00,
62.80, 34.00,
64.00, 0.00,
67.50, 0.00,
68.00, 40.00, 2.99, 0.10,
98.00, 40.00,
100.00, 0.00, 1.00, 0.10,
1540.00, 0.00,

Profile #303

164.0, 40.0, 22.6,
1.0, 1, 0.50, 96.56, 1538.56,
0.00, 0.00,
2.19, 164.00,
40.00, 164.00,
44.80, 44.00,
47.80, 44.00,
48.80, 34.00,
61.80, 34.00,
63.00, 0.00,
66.50, 0.00,
67.00, 40.00, 2.99, 0.10,
97.00, 40.00,
99.00, 0.00, 1.00, 0.10,
1539.00, 0.00,

Profile #305

164.0, 40.0, 22.6,
1.0, 1, 0.50, 96.56, 1538.56,
0.00, 0.00,
2.19, 164.00,
40.00, 164.00,
44.80, 44.00,
49.80, 44.00,
50.80, 34.00,
61.80, 34.00,
63.00, 0.00,
66.50, 0.00,
67.00, 40.00, 2.99, 0.10,
97.00, 40.00,
99.00, 0.00, 1.00, 0.10,
1539.00, 0.00,

Profile #306

164.0, 40.0, 22.6,
1.0, 1, 0.50, 96.56, 1538.56,
0.00, 0.00,
2.19, 164.00,
40.00, 164.00,
44.80, 44.00,
49.80, 44.00,
50.80, 34.00,
61.80, 34.00,
63.00, 0.00,
66.50, 0.00,
67.00, 40.00, 2.99, 0.10,
97.00, 40.00,
99.00, 0.00, 1.00, 0.10,
1539.00, 0.00,

Profile #308

164.0, 40.0, 22.6,
1.0, 1, 0.50, 98.56, 1540.56,
0.00, 0.00,
2.19, 164.00,
40.00, 164.00,
44.40, 54.00,
47.40, 54.00,
48.40, 44.00,
53.40, 44.00,
54.40, 34.00,
62.40, 34.00,
63.60, 0.00,
67.10, 0.00,
67.60, 40.00, 2.99, 0.10,
99.60, 40.00,
101.60, 0.00, 1.00, 0.10,
1541.60, 0.00,

Profile #310

164.0, 40.0, 20.6,
1.0, 1, 0.50, 96.56, 1538.56,
0.00, 0.00,
2.19, 164.00,
40.00, 164.00,
44.80, 44.00,
49.80, 44.00,
50.80, 34.00,
59.80, 34.00,
61.00, 0.00,
64.50, 0.00,
65.00, 40.00, 2.99, 0.10,
97.00, 40.00,
99.00, 0.00, 1.00, 0.10,
1539.00, 0.00,

Profile #311

164.0, 40.0, 20.6,
1.0, 1, 1.00, 96.56, 1538.56,
0.00, 0.00,
2.19, 164.00,
40.00, 164.00,
44.80, 44.00,
49.80, 44.00,
50.80, 34.00,
59.80, 34.00,
61.00, 0.00,
64.50, 0.00,
65.00, 40.00, 2.99, 0.10,
97.00, 40.00,
99.00, 0.00, 1.00, 0.10,
1539.00, 0.00,

Profile #316

164.0, 40.0, 13.6,
1.0, 1, 0.50, 76.56, 1518.56,
0.00, 0.00,
2.19, 164.00,
40.00, 164.00,
45.20, 34.00,
52.20, 34.00,
53.40, 0.00,
56.90, 0.00,
57.40, 40.00, 2.99, 0.10,
76.40, 40.00,
78.40, 0.00, 1.00, 0.10,
1518.40, 0.00,

Profile #317

164.0, 40.0, 13.6,
1.0, 1, 0.50, 76.56, 1518.56,
0.00, 0.00,
2.19, 164.00,
40.00, 164.00,
45.20, 34.00,
52.20, 34.00,
53.40, 0.00,
56.90, 0.00,
57.40, 40.00, 2.99, 0.10,
76.40, 40.00,
78.40, 0.00, 1.00, 0.10,
1518.40, 0.00,

Profile #319

164.0, 45.0, 27.6,
1.0, 2, 0.50, 116.56, 1558.56,
0.00, 0.00,
2.19, 164.00,
45.00, 164.00,
49.40, 54.00,
54.40, 54.00,
55.40, 44.00,
65.40, 44.00,
66.40, 34.00,
72.40, 34.00,
73.60, 0.00,
77.10, 0.00,
77.60, 40.00, 2.99, 0.10,
117.60, 40.00,
119.60, 0.00, 1.00, 0.10,
1559.60, 0.00,

Profile #321

164.0, 45.0, 27.6,
1.0, 2, 0.50, 114.56, 1556.56,
0.00, 0.00,
2.19, 164.00,
45.00, 164.00,
49.40, 54.00,
54.40, 54.00,
55.40, 44.00,
65.40, 44.00,
66.40, 34.00,
72.40, 34.00,
73.60, 0.00,
77.10, 0.00,
77.60, 40.00, 2.99, 0.10,
115.60, 40.00,
117.60, 0.00, 1.00, 0.10,
1557.60, 0.00,

Profile #324

164.0, 45.0, 27.6,
1.0, 1, 0.50, 114.56, 1556.56,
0.00, 0.00,
2.19, 164.00,
45.00, 164.00,
49.00, 64.00,
52.00, 64.00,
53.00, 54.00,
57.00, 54.00,
58.00, 44.00,
66.00, 44.00,
67.00, 34.00,
73.00, 34.00,
74.20, 0.00,
77.70, 0.00,
78.20, 40.00, 2.99, 0.10,
116.20, 40.00,
118.20, 0.00, 1.00, 0.10,
1558.20, 0.00,

Profile #326

164.0, 45.0, 17.6,
1.0, 2, 0.50, 102.56, 1544.56,
0.00, 0.00,
2.19, 164.00,
45.00, 164.00,
49.40, 54.00,
51.40, 54.00,
52.40, 44.00,
56.40, 44.00,
57.40, 34.00,
62.40, 34.00,
63.60, 0.00,
67.10, 0.00,
67.60, 40.00, 2.99, 0.10,
103.60, 40.00,
105.60, 0.00, 1.00, 0.10,
1545.60, 0.00,

Profile #328

164.0, 45.0, 15.6,
1.0, 1, 0.50, 114.56, 1556.56,
0.00, 0.00,
2.19, 164.00,
45.00, 164.00,
50.20, 34.00,
59.20, 34.00,
60.40, 0.00,
63.90, 0.00,
64.40, 40.00, 2.99, 0.10,
114.40, 40.00,
116.40, 0.00, 1.00, 0.10,
1556.40, 0.00,

Profile #329

164.0, 45.0, 15.6,
1.0, 1, 0.50, 114.56, 1556.56,
0.00, 0.00,
2.19, 164.00,
45.00, 164.00,
50.20, 34.00,
59.20, 34.00,
60.40, 0.00,
63.90, 0.00,
64.40, 40.00, 2.99, 0.10,
114.40, 40.00,
116.40, 0.00, 1.00, 0.10,
1556.40, 0.00,

Profile #330

164.0, 45.0, 15.6,
1.0, 1, 1.00, 45.00, 64.06,
0.00, 0.00,
2.19, 164.00,
45.00, 164.00,
50.20, 34.00,
59.20, 34.00,
60.40, 0.00,
63.90, 0.00,
64.40, 40.00, 2.99, 0.10,
114.40, 40.00,
116.40, 0.00, 1.00, 0.10,
1556.40, 0.00,

Profile #335

164.0, 45.0, 15.6,
1.0, 1, 0.50, 85.56, 1527.56,
0.00, 0.00,
2.19, 164.00,
45.00, 164.00,
50.20, 34.00,
59.20, 34.00,
60.40, 0.00,
63.90, 0.00,
64.40, 40.00, 2.99, 0.10,
85.40, 40.00,
87.40, 0.00, 1.00, 0.10,
1527.40, 0.00,

Profile #337	**Profile #338**	**Profile #342**	**Profile #345**
164.0, 45.0, 15.6, 1.0, 1, 0.50, 83.56, 1525.56, 0.00, 0.00, 2.19, 164.00, 45.00, 164.00, 50.20, 34.00, 59.20, 34.00, 60.40, 0.00, 63.90, 0.00, 64.40, 40.00, 2.99, 0.10, 83.40, 40.00, 85.40, 0.00, 1.00, 0.10, 1525.40, 0.00,	164.0, 45.0, 15.6, 1.0, 1, 0.50, 83.56, 1525.56, 0.00, 0.00, 2.19, 164.00, 45.00, 164.00, 50.20, 34.00, 59.20, 34.00, 60.40, 0.00, 63.90, 0.00, 64.40, 40.00, 2.99, 0.10, 83.40, 40.00, 85.40, 0.00, 1.00, 0.10, 1525.40, 0.00,	174.0, 30.0, 15.0, 1.0, 1, 0.50, 71.96, 1513.96, 0.00, 0.00, 2.32, 174.00, 30.00, 174.00, 35.60, 34.00, 43.60, 34.00, 44.80, 0.00, 48.30, 0.00, 48.80, 40.00, 2.99, 0.10, 71.80, 40.00, 73.80, 0.00, 1.00, 0.10, 1513.80, 0.00,	174.0, 30.0, 14.0, 1.0, 1, 0.50, 70.96, 1512.96, 0.00, 0.00, 2.32, 174.00, 30.00, 174.00, 35.60, 34.00, 42.60, 34.00, 43.80, 0.00, 47.30, 0.00, 47.80, 40.00, 2.99, 0.10, 70.80, 40.00, 72.80, 0.00, 1.00, 0.10, 1512.80, 0.00,
Profile #346	**Profile #349**	**Profile #351**	**Profile #357**
174.0, 30.0, 14.0, 1.0, 1, 0.50, 30.00, 47.46, 0.00, 0.00, 2.32, 174.00, 30.00, 174.00, 35.60, 34.00, 42.60, 34.00, 43.80, 0.00, 47.30, 0.00, 47.80, 40.00, 2.99, 0.10, 70.80, 40.00, 72.80, 0.00, 1.00, 0.10, 1512.80, 0.00,	174.0, 30.0, 11.0, 1.0, 1, 0.50, 60.96, 1502.96, 0.00, 0.00, 2.32, 174.00, 30.00, 174.00, 35.60, 34.00, 39.60, 34.00, 40.80, 0.00, 44.30, 0.00, 44.80, 40.00, 2.99, 0.10, 60.80, 40.00, 62.80, 0.00, 1.00, 0.10, 1502.80, 0.00,	174.0, 30.0, 11.0, 1.0, 1, 1.00, 57.96, 1499.96, 0.00, 0.00, 2.32, 174.00, 30.00, 174.00, 35.60, 34.00, 39.60, 34.00, 40.80, 0.00, 44.30, 0.00, 44.80, 40.00, 2.99, 0.10, 57.80, 40.00, 59.80, 0.00, 1.00, 0.10, 1499.80, 0.00,	174.0, 35.0, 18.0, 1.0, 1, 0.50, 86.96, 1528.96, 0.00, 0.00, 2.32, 174.00, 35.00, 174.00, 40.20, 44.00, 43.20, 44.00, 44.20, 34.00, 52.20, 34.00, 53.40, 0.00, 56.90, 0.00, 57.40, 40.00, 2.99, 0.10, 87.40, 40.00, 89.40, 0.00, 1.00, 0.10, 1529.40, 0.00,

Profile #358

174.0, 35.0, 18.0,
1.0, 1, 1.00, 86.96, 1528.96,
0.00, 0.00,
2.32, 174.00,
35.00, 174.00,
40.20, 44.00,
43.20, 44.00,
44.20, 34.00,
52.20, 34.00,
53.40, 0.00,
56.90, 0.00,
57.40, 40.00, 2.99, 0.10,
87.40, 40.00,
89.40, 0.00, 1.00, 0.10,
1529.40, 0.00,

Profile #362

174.0, 40.0, 29.0,
1.0, 1, 0.50, 108.96, 1550.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
44.80, 54.00,
50.80, 54.00,
51.80, 44.00,
61.80, 44.00,
62.80, 34.00,
68.80, 34.00,
70.00, 0.00,
73.50, 0.00,
74.00, 40.00, 2.99, 0.10,
110.00, 40.00,
112.00, 0.00, 1.00, 0.10,
1552.00, 0.00,

Profile #366

174.0, 40.0, 29.0,
1.0, 4, 0.50, 106.96, 1548.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
44.40, 64.00,
48.40, 64.00,
49.40, 54.00,
53.40, 54.00,
54.40, 44.00,
62.40, 44.00,
63.40, 34.00,
69.40, 34.00,
70.60, 0.00,
74.10, 0.00,
74.60, 40.00, 2.99, 0.10,
108.60, 40.00,
110.60, 0.00, 1.00, 0.10,
1550.60, 0.00,

Profile #367

174.0, 40.0, 28.0,
1.0, 2, 0.50, 105.96, 1547.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
44.80, 54.00,
50.80, 54.00,
51.80, 44.00,
52.80, 34.00,
67.80, 34.00,
69.00, 0.00,
72.50, 0.00,
73.00, 40.00, 2.99, 0.10,
107.00, 40.00,
109.00, 0.00, 1.00, 0.10,
1549.00, 0.00,

Profile #370

174.0, 40.0, 25.0,
1.0, 1, 1.00, 103.96, 1545.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
44.80, 54.00,
48.80, 54.00,
49.80, 44.00,
54.80, 44.00,
55.80, 34.00,
64.80, 34.00,
66.00, 0.00,
69.50, 0.00,
70.00, 40.00, 2.99, 0.10,
105.00, 40.00,
107.00, 0.00, 1.00, 0.10,
1547.00, 0.00,

Profile #372

174.0, 40.0, 25.0,
1.0, 1, 0.50, 100.96, 1542.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
44.80, 54.00,
48.80, 54.00,
49.80, 44.00,
54.80, 44.00,
55.80, 34.00,
64.80, 34.00,
66.00, 0.00,
69.50, 0.00,
70.00, 40.00, 2.99, 0.10,
102.00, 40.00,
104.00, 0.00, 1.00, 0.10,
1544.00, 0.00,

Profile #376

174.0, 40.0, 24.0,
1.0, 1, 1.00, 96.96, 1538.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
44.80, 54.00,
46.80, 54.00,
47.80, 44.00,
49.80, 44.00,
50.80, 34.00,
63.80, 34.00,
65.00, 0.00,
68.50, 0.00,
69.00, 40.00, 2.99, 0.10,
98.00, 40.00,
100.00, 0.00, 1.00, 0.10,
1540.00, 0.00,

Profile #378

174.0, 40.0, 23.0,
1.0, 1, 0.50, 102.96, 1544.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
44.40, 64.00,
48.40, 64.00,
49.40, 54.00,
53.40, 54.00,
54.40, 44.00,
62.40, 44.00,
63.40, 34.00,
64.60, 0.00,
68.10, 0.00,
68.60, 40.00, 2.99, 0.10,
104.60, 40.00,
106.60, 0.00, 1.00, 0.10,
1546.60, 0.00,

Profile #381

174.0, 40.0, 20.0,
1.0, 1, 0.50, 92.96, 1534.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
44.80, 54.00,
50.80, 54.00,
51.80, 44.00,
58.80, 44.00,
59.80, 34.00,
61.00, 0.00,
64.50, 0.00,
65.00, 40.00, 2.99, 0.10,
94.00, 40.00,
96.00, 0.00, 1.00, 0.10,
1536.00, 0.00,

Profile #383

174.0, 40.0, 19.0,
1.0, 1, 0.50, 97.96, 1539.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
44.80, 54.00,
47.80, 54.00,
48.80, 44.00,
52.80, 44.00,
53.80, 34.00,
58.80, 34.00,
60.00, 0.00,
63.50, 0.00,
64.00, 40.00, 2.99, 0.10,
99.00, 40.00,
101.00, 0.00, 1.00, 0.10,
1541.00, 0.00,

Profile #385

174.0, 40.0, 18.0,
1.0, 1, 0.50, 91.96, 1533.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
44.40, 64.00,
47.40, 64.00,
48.40, 54.00,
49.40, 44.00,
50.40, 34.00,
58.40, 34.00,
59.60, 0.00,
63.10, 0.00,
63.60, 40.00, 2.99, 0.10,
93.60, 40.00,
95.60, 0.00, 1.00, 0.10,
1535.60, 0.00,

Profile #387

174.0, 40.0, 18.0,
1.0, 1, 0.50, 91.96, 1533.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
44.40, 64.00,
47.40, 64.00,
48.40, 54.00,
49.40, 44.00,
50.40, 34.00,
58.40, 34.00,
59.60, 0.00,
63.10, 0.00,
63.60, 40.00, 2.99, 0.10,
93.60, 40.00,
95.60, 0.00, 1.00, 0.10,
1535.60, 0.00,

Profile #393

174.0, 40.0, 17.0,
1.0, 1, 0.50, 87.96, 1529.96,
0.00, 0.00,
2.32, 174.00,
40.00, 174.00,
45.60, 34.00,
55.60, 34.00,
56.80, 0.00,
60.30, 0.00,
60.80, 40.00, 2.99, 0.10,
87.80, 40.00,
89.80, 0.00, 1.00, 0.10,
1529.80, 0.00,

Profile #399

189.0, 18.0, 7.6,
1.0, 2, 0.50, 44.56, 1486.56,
0.00, 0.00,
2.52, 189.00,
18.00, 189.00,
25.56, 0.00,
29.06, 0.00,
29.56, 40.00, 2.99, 0.10,
44.56, 40.00,
46.56, 0.00, 1.00, 0.10,
1486.56, 0.00,

Profile #405

189.0, 26.0, 12.6,
1.0, 1, 0.50, 78.56, 1520.56,
0.00, 0.00,
2.52, 189.00,
26.00, 189.00,
32.20, 34.00,
37.20, 34.00,
38.40, 0.00,
41.90, 0.00,
42.40, 40.00, 2.99, 0.10,
78.40, 40.00,
80.40, 0.00, 1.00, 0.10,
1520.40, 0.00,

Profile #406

189.0, 26.0, 12.6,
1.0, 1, 1.00, 78.56, 1520.56,
0.00, 0.00,
2.52, 189.00,
26.00, 189.00,
32.20, 34.00,
37.20, 34.00,
38.40, 0.00,
41.90, 0.00,
42.40, 40.00, 2.99, 0.10,
78.40, 40.00,
80.40, 0.00, 1.00, 0.10,
1520.40, 0.00,

Profile #407

189.0, 26.0, 12.6,
1.0, 1, 0.50, 78.56, 1520.56,
0.00, 0.00,
2.52, 189.00,
26.00, 189.00,
32.20, 34.00,
37.20, 34.00,
38.40, 0.00,
41.90, 0.00,
42.40, 40.00, 2.99, 0.10,
78.40, 40.00,
80.40, 0.00, 1.00, 0.10,
1520.40, 0.00,

Profile #410

189.0, 38.0, 19.6,
1.0, 1, 0.50, 111.56, 1553.56,
0.00, 0.00,
2.52, 189.00,
38.00, 189.00,
44.20, 34.00,
56.20, 34.00,
57.40, 0.00,
60.90, 0.00,
61.40, 40.00, 2.99, 0.10,
111.40, 40.00,
113.40, 0.00, 1.00, 0.10,
1553.40, 0.00,

Profile #411

189.0, 38.0, 19.6,
1.0, 1, 0.50, 111.56, 1553.56,
0.00, 0.00,
2.52, 189.00,
38.00, 189.00,
44.20, 34.00,
56.20, 34.00,
57.40, 0.00,
60.90, 0.00,
61.40, 40.00, 2.99, 0.10,
111.40, 40.00,
113.40, 0.00, 1.00, 0.10,
1553.40, 0.00,

Profile #412

189.0, 38.0, 19.6,
1.0, 1, 1.00, 111.56, 1553.56,
0.00, 0.00,
2.52, 189.00,
38.00, 189.00,
44.20, 34.00,
56.20, 34.00,
57.40, 0.00,
60.90, 0.00,
61.40, 40.00, 2.99, 0.10,
111.40, 40.00,
113.40, 0.00, 1.00, 0.10,
1553.40, 0.00,

Profile #414

189.0, 38.0, 19.6,
1.0, 1, 0.50, 112.56, 1554.56,
0.00, 0.00,
2.52, 189.00,
38.00, 189.00,
43.80, 44.00,
48.80, 44.00,
49.80, 34.00,
56.80, 34.00,
58.00, 0.00,
61.50, 0.00,
62.00, 40.00, 2.99, 0.10,
113.00, 40.00,
115.00, 0.00, 1.00, 0.10,
1555.00, 0.00,

Profile #415

189.0, 38.0, 19.6,
1.0, 2, 0.50, 112.56, 1554.56,
0.00, 0.00,
2.52, 189.00,
38.00, 189.00,
43.80, 44.00,
48.80, 44.00,
49.80, 34.00,
56.80, 34.00,
58.00, 0.00,
61.50, 0.00,
62.00, 40.00, 2.99, 0.10,
113.00, 40.00,
115.00, 0.00, 1.00, 0.10,
1555.00, 0.00,

Profile #416

189.0, 38.0, 19.6,
1.0, 2, 0.50, 112.56, 1554.56,
0.00, 0.00,
2.52, 189.00,
38.00, 189.00,
43.80, 44.00,
48.80, 44.00,
49.80, 34.00,
56.80, 34.00,
58.00, 0.00,
61.50, 0.00,
62.00, 40.00, 2.99, 0.10,
113.00, 40.00,
115.00, 0.00, 1.00, 0.10,
1555.00, 0.00,

Profile #417

189.0, 38.0, 19.6,
1.0, 1, 0.50, 112.56, 1554.56,
0.00, 0.00,
2.52, 189.00,
38.00, 189.00,
43.80, 44.00,
48.80, 44.00,
49.80, 34.00,
56.80, 34.00,
58.00, 0.00,
61.50, 0.00,
62.00, 40.00, 2.99, 0.10,
113.00, 40.00,
115.00, 0.00, 1.00, 0.10,
1555.00, 0.00,

Profile #419

189.0, 38.0, 19.6,
1.0, 1, 0.50, 111.56, 1553.56,
0.00, 0.00,
2.52, 189.00,
38.00, 189.00,
43.80, 44.00,
48.80, 44.00,
49.80, 34.00,
56.80, 34.00,
58.00, 0.00,
61.50, 0.00,
62.00, 40.00, 2.99, 0.10,
112.00, 40.00,
114.00, 0.00, 1.00, 0.10,
1554.00, 0.00,

Profile #420

189.0, 38.0, 19.6,
1.0, 1, 0.50, 111.56, 1553.56,
0.00, 0.00,
2.52, 189.00,
38.00, 189.00,
43.80, 44.00,
48.80, 44.00,
49.80, 34.00,
56.80, 34.00,
58.00, 0.00,
61.50, 0.00,
62.00, 40.00, 2.99, 0.10,
112.00, 40.00,
114.00, 0.00, 1.00, 0.10,
1554.00, 0.00,

Profile #421

189.0, 38.0, 19.6,
1.0, 1, 0.50, 111.56, 1553.56,
0.00, 0.00,
2.52, 189.00,
38.00, 189.00,
43.80, 44.00,
48.80, 44.00,
49.80, 34.00,
56.80, 34.00,
58.00, 0.00,
61.50, 0.00,
62.00, 40.00, 2.99, 0.10,
112.00, 40.00,
114.00, 0.00, 1.00, 0.10,
1554.00, 0.00,

Profile #423

204.0, 15.0, 8.2,
1.0, 2, 0.50, 51.16, 1493.16,
0.00, 0.00,
2.72, 204.00,
15.00, 204.00,
23.16, 0.00,
26.66, 0.00,
27.16, 40.00, 2.99, 0.10,
51.16, 40.00,
53.16, 0.00, 1.00, 0.10,
1493.16, 0.00,

Profile #426

204.0, 35.0, 22.2,
1.0, 1, 0.50, 35.00, 60.66,
0.00, 0.00,
2.72, 204.00,
35.00, 204.00,
41.40, 44.00,
48.40, 44.00,
49.40, 34.00,
56.40, 34.00,
57.60, 0.00,
61.10, 0.00,
61.60, 40.00, 2.99, 0.10,
112.60, 40.00,
114.60, 0.00, 1.00, 0.10,
1554.60, 0.00,

Profile #431

214.0, 30.0, 20.6,
1.0, 1, 0.50, 101.56, 1543.56,
0.00, 0.00,
2.85, 214.00,
30.00, 214.00,
37.20, 34.00,
49.20, 34.00,
50.40, 0.00,
53.90, 0.00,
54.40, 40.00, 2.99, 0.10,
101.40, 40.00,
103.40, 0.00, 1.00, 0.10,
1543.40, 0.00,

Profile #433

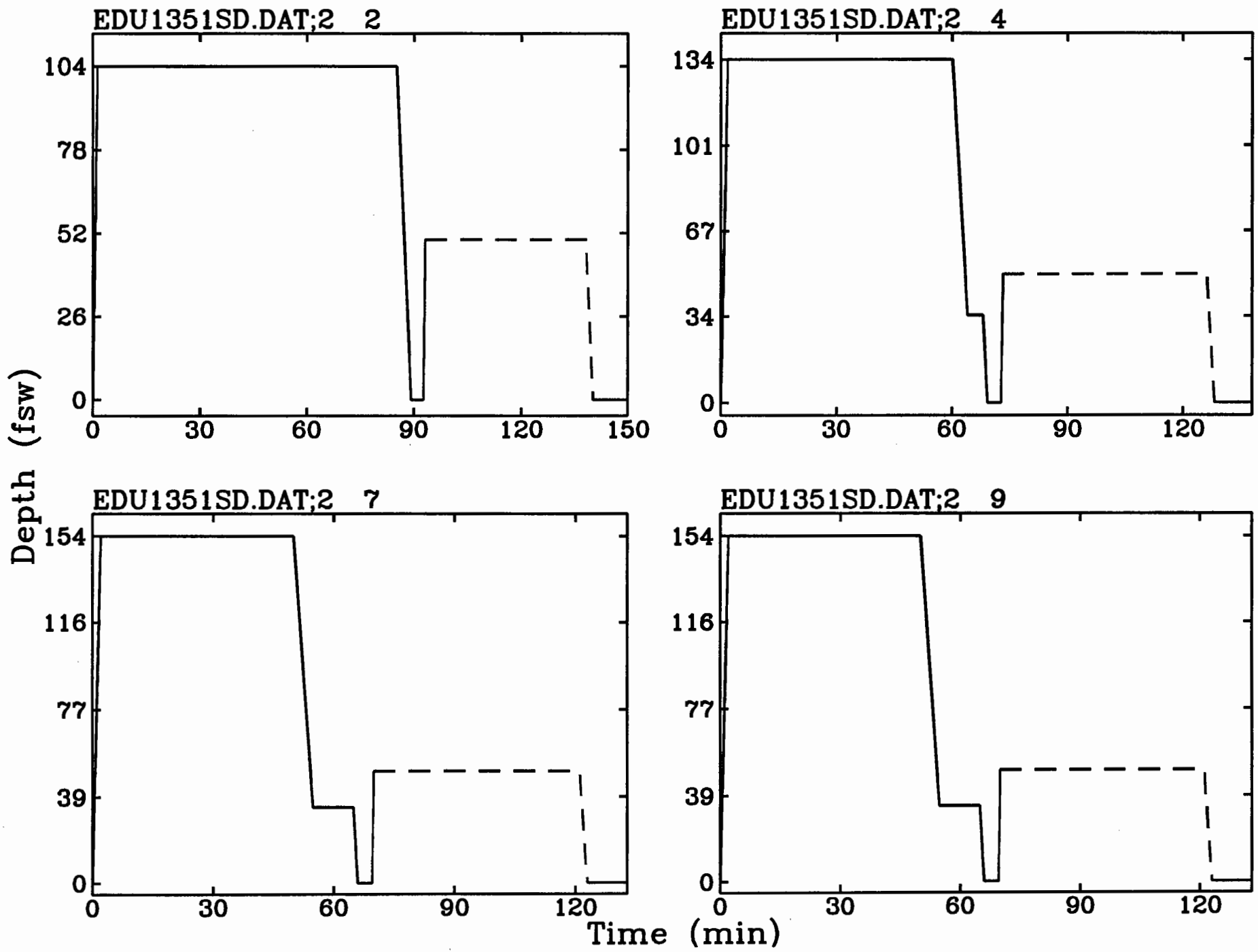
214.0, 30.0, 20.6,
1.0, 1, 0.50, 101.56, 1543.56,
0.00, 0.00,
2.85, 214.00,
30.00, 214.00,
37.20, 34.00,
49.20, 34.00,
50.40, 0.00,
53.90, 0.00,
54.40, 40.00, 2.99, 0.10,
101.40, 40.00,
103.40, 0.00, 1.00, 0.10,
1543.40, 0.00,

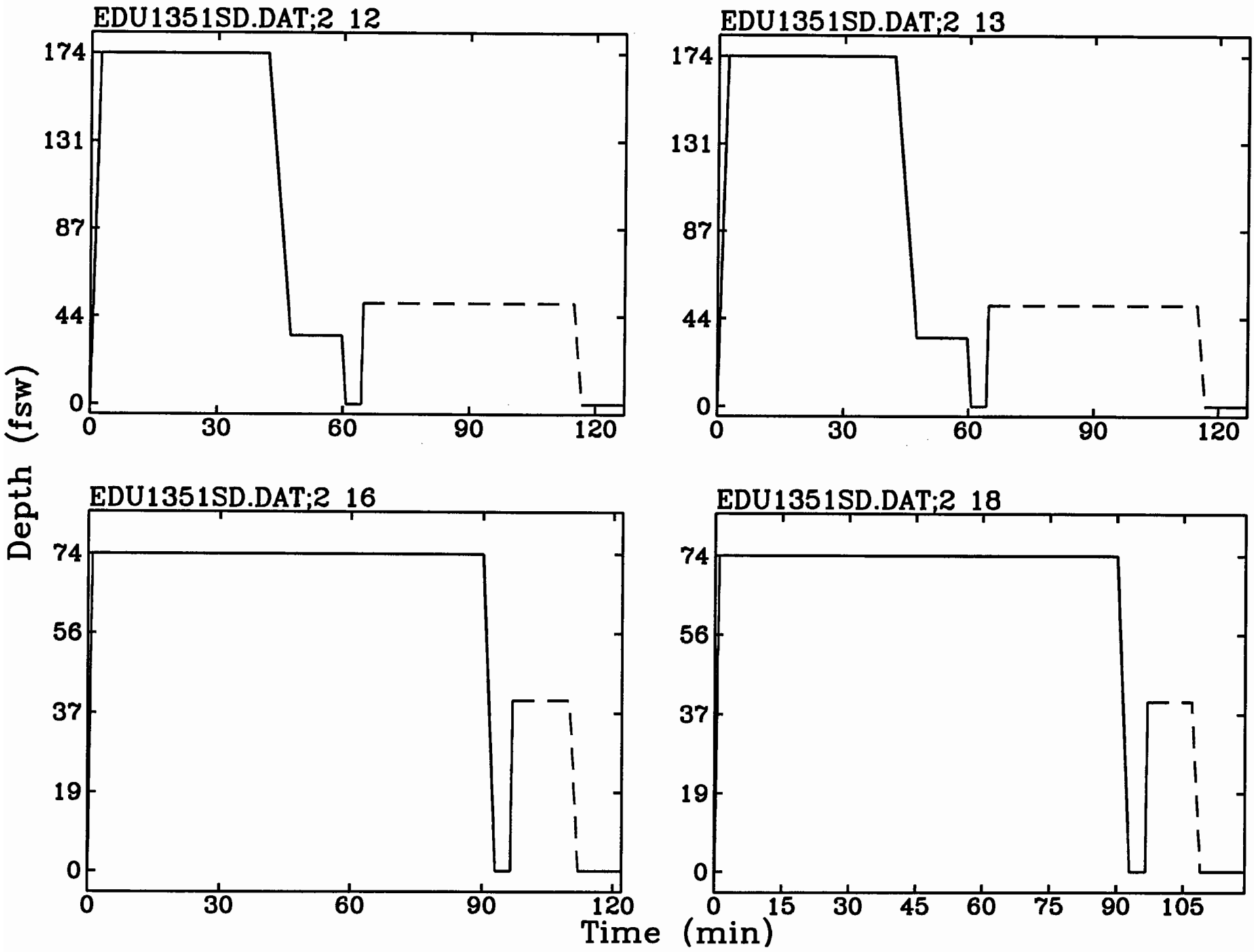
Profile #434

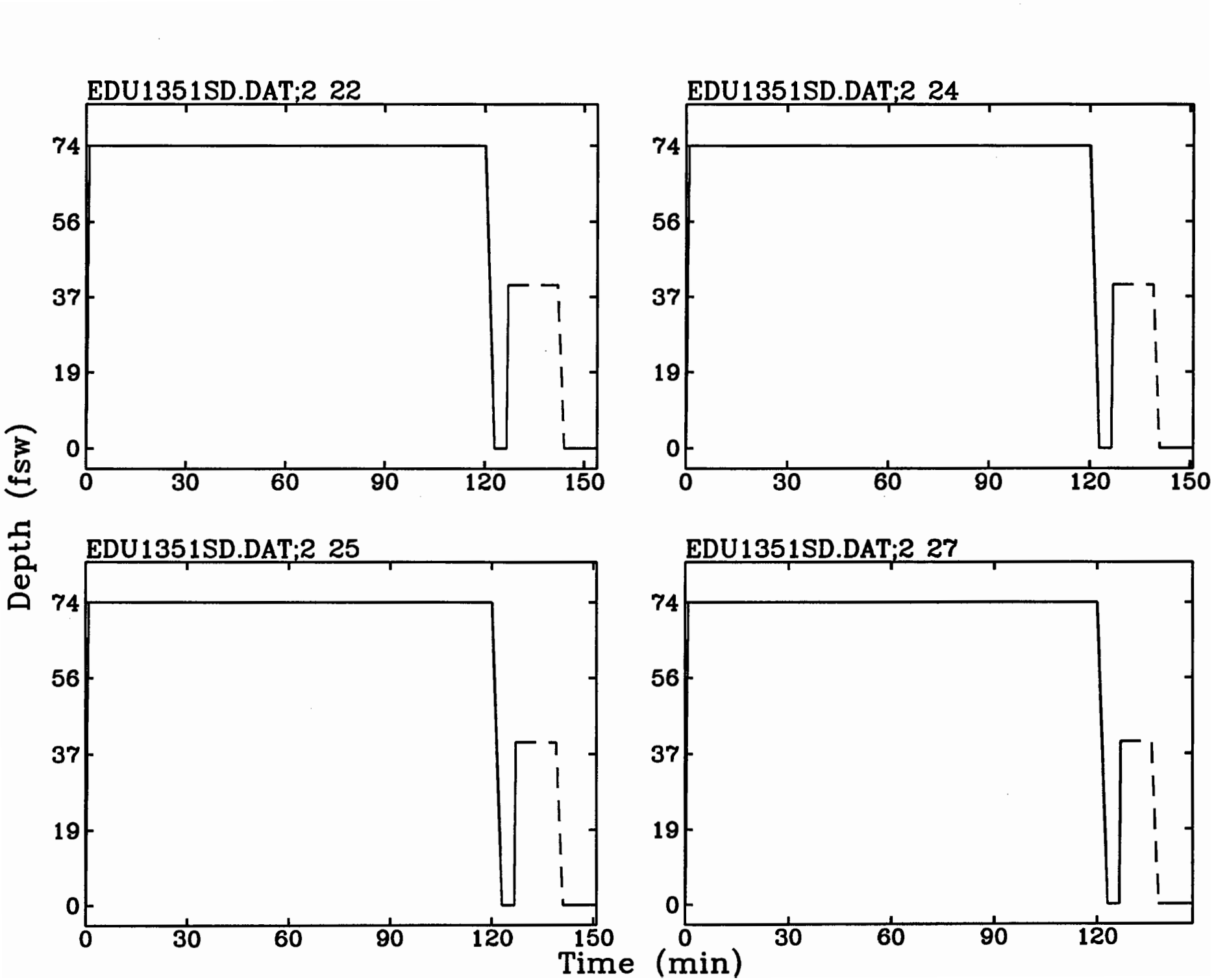
214.0, 30.0, 20.6,
1.0, 1, 0.50, 30.00, 54.06,
0.00, 0.00,
2.85, 214.00,
30.00, 214.00,
37.20, 34.00,
49.20, 34.00,
50.40, 0.00,
53.90, 0.00,
54.40, 40.00, 2.99, 0.10,
101.40, 40.00,
103.40, 0.00, 1.00, 0.10,
1543.40, 0.00,

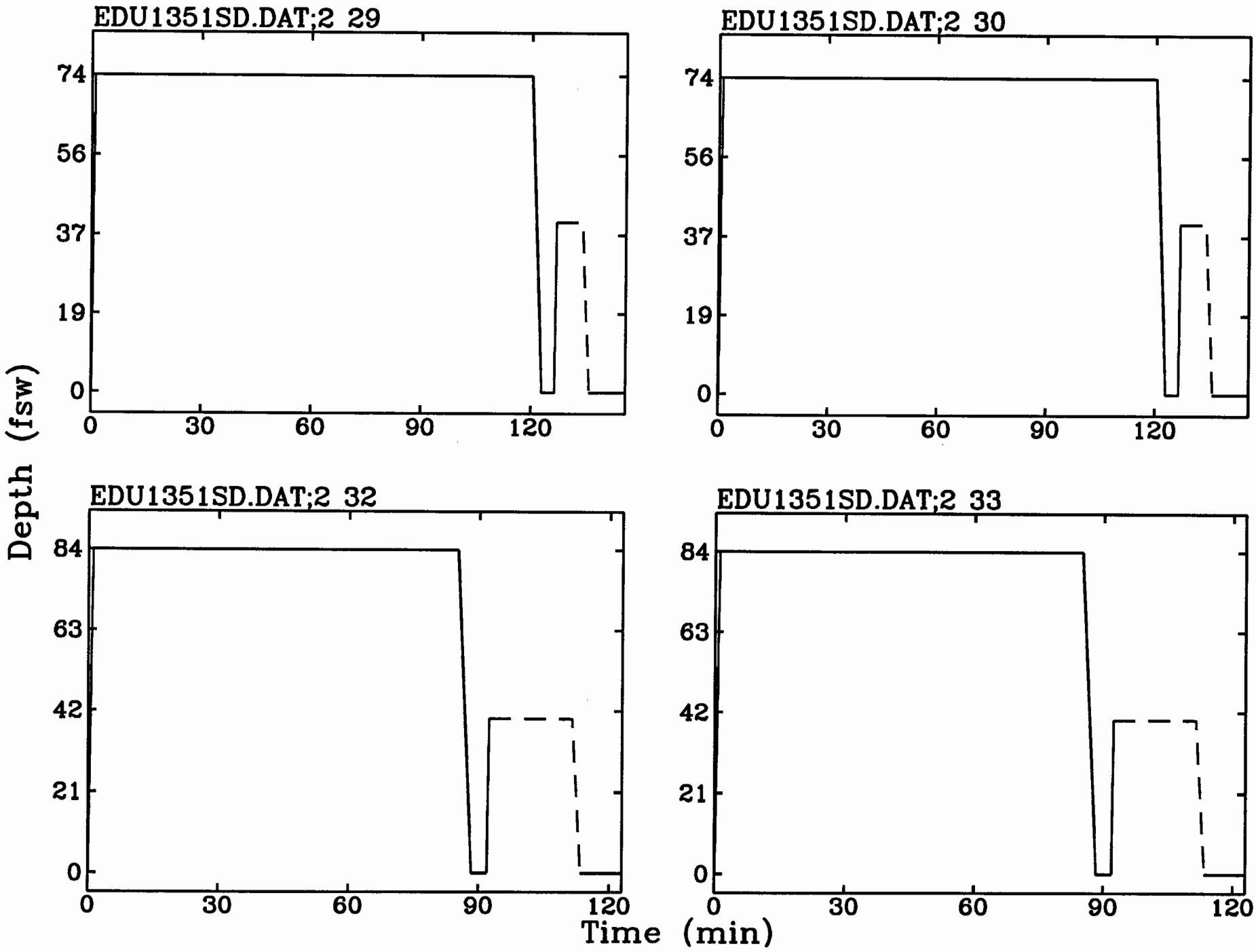
Profile #435

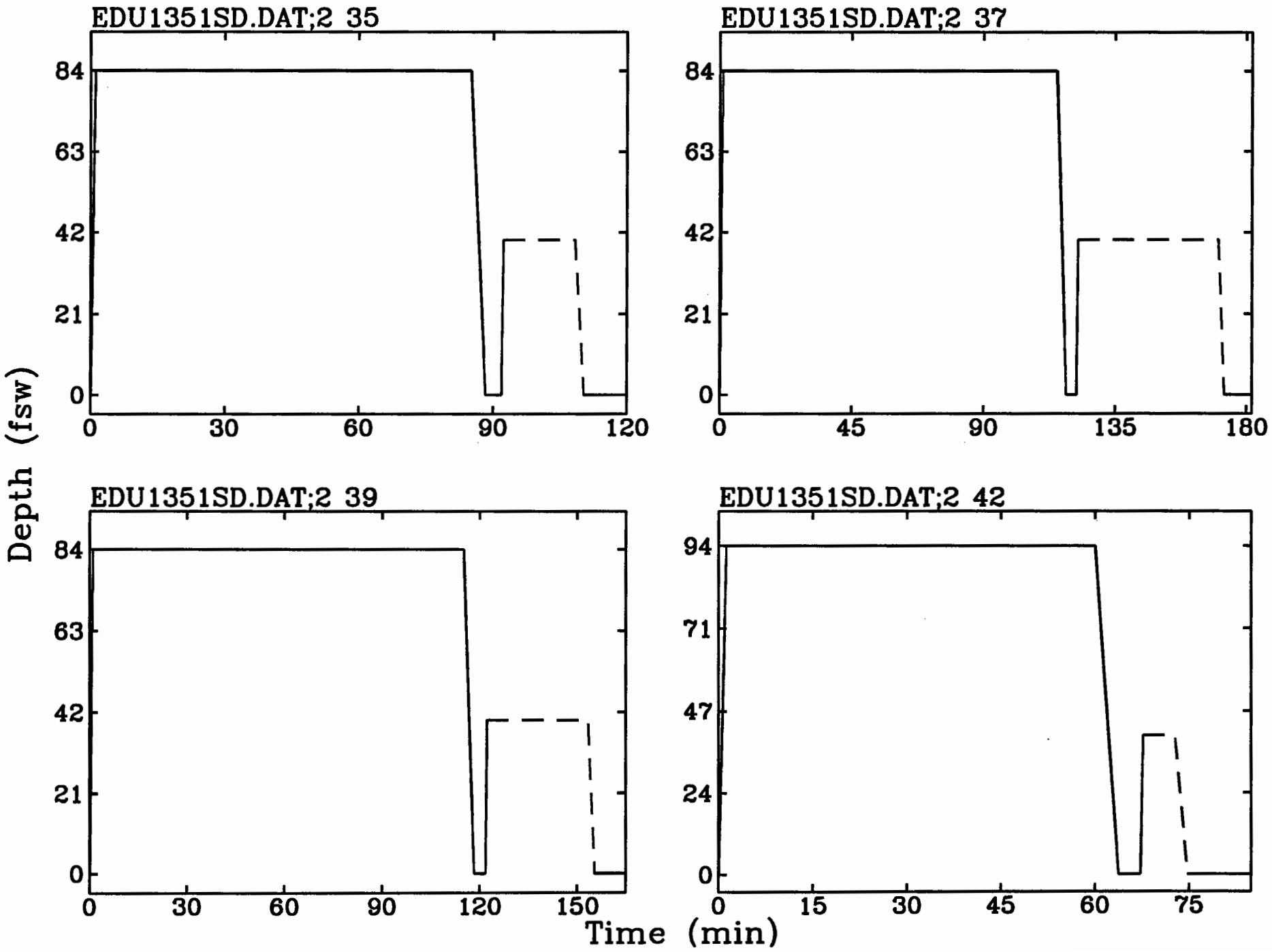
214.0, 30.0, 22.6,
1.0, 1, 1.00, 30.00, 37.20,
0.00, 0.00,
2.85, 214.00,
30.00, 214.00,
37.20, 34.00,
51.20, 34.00,
1491.20, 34.00,

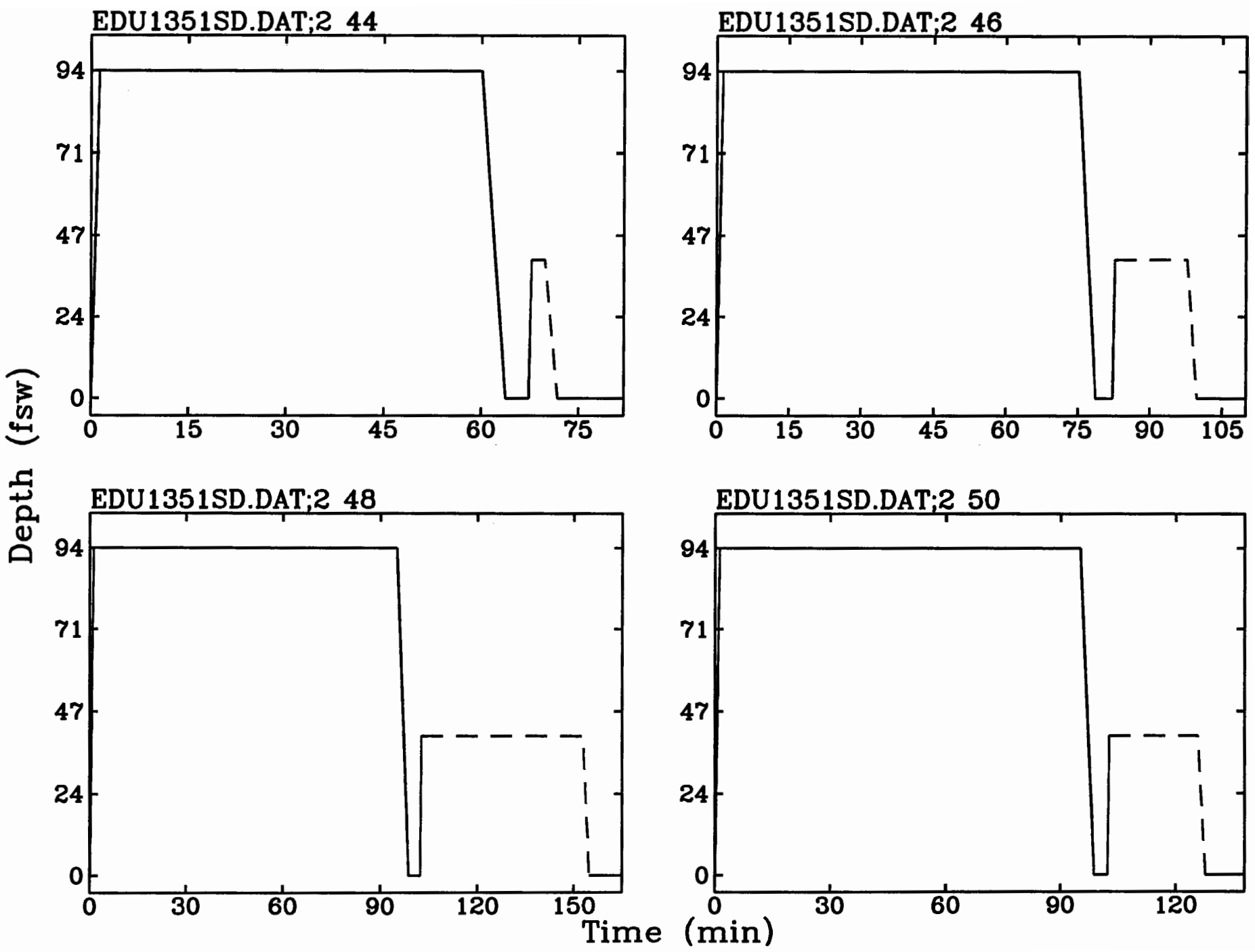

EDU1351SD.DAT;2 2
104
78
52
26
0
0
30
60
90
120
150
EDU1351SD.DAT;2 4
134
101
67
34
0
0
30
60
90
120
EDU1351SD.DAT;2 7
154
116
77
39
0
0
30
60
90
120
EDU1351SD.DAT;2 9
154
116
77
39
0
0
30
60
90
120
Depth (fsw)
Time (min)

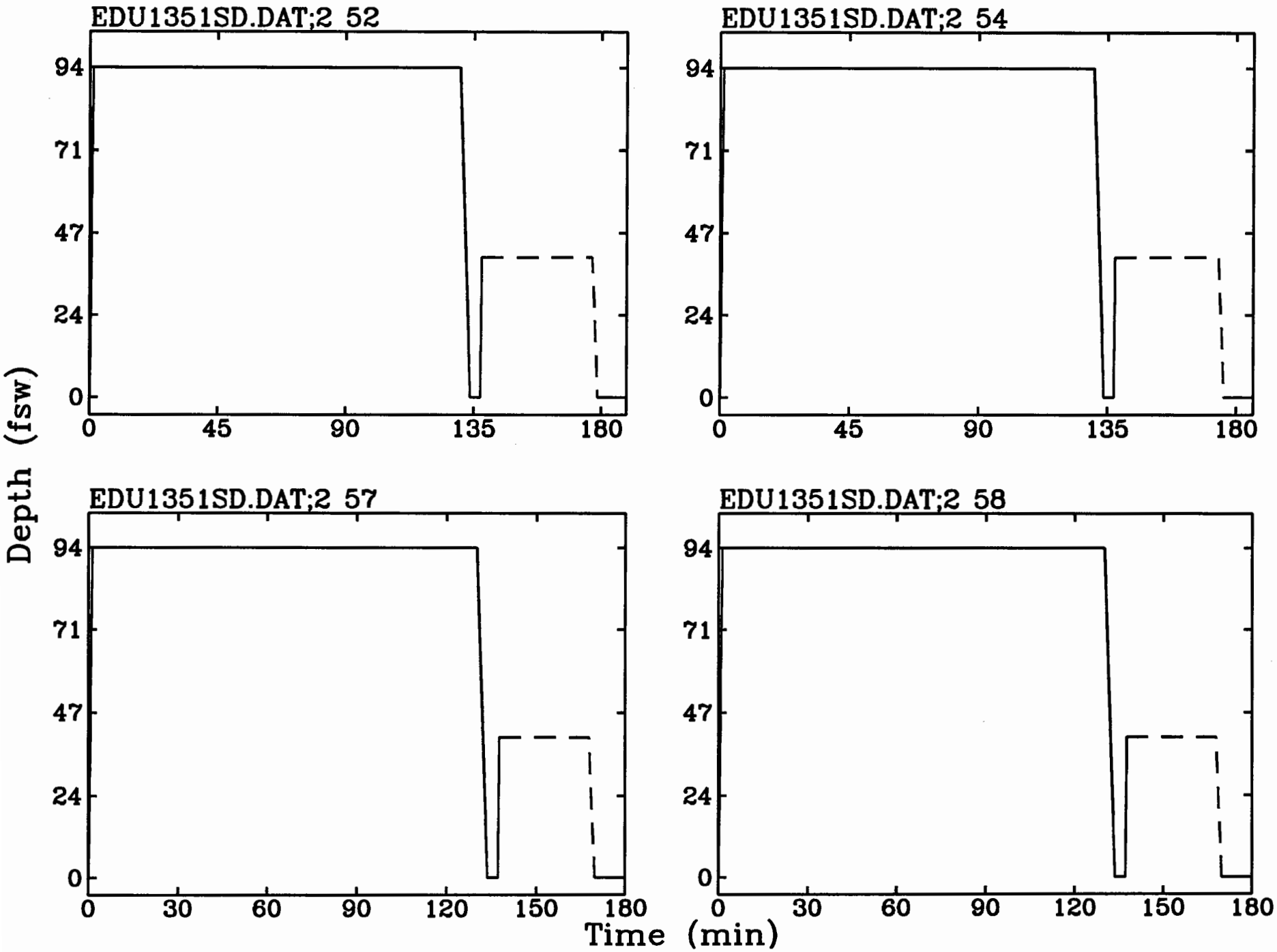

EDU1351SD.DAT;2 12
EDU1351SD.DAT;2 13
EDU1351SD.DAT;2 16
EDU1351SD.DAT;2 18
Depth (fsw)
Time (min)
174
131
87
44
0
74
56
37
19
0
30
60
90
120
15
45
75
105

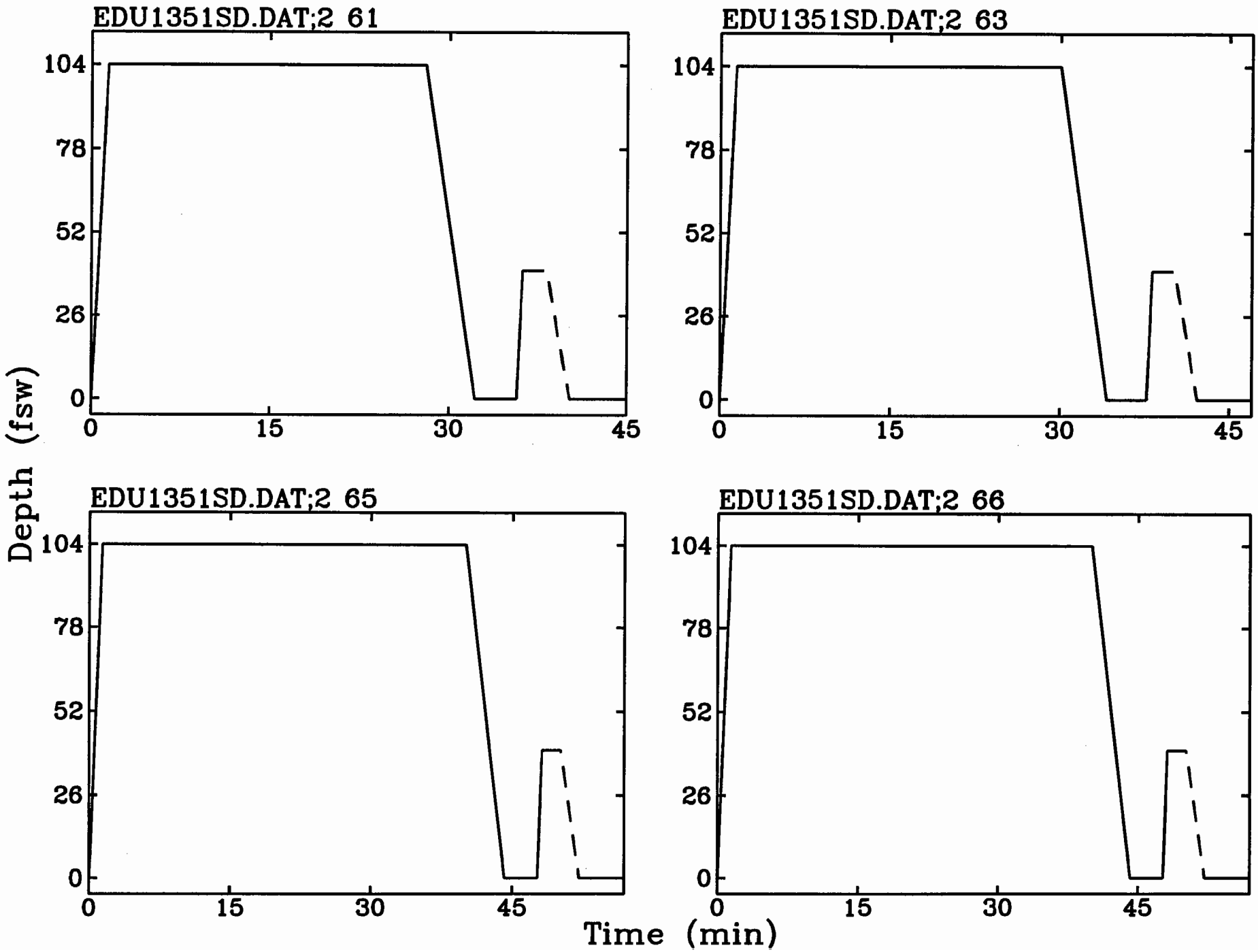

EDU1351SD.DAT;2 22
EDU1351SD.DAT;2 24
EDU1351SD.DAT;2 25
EDU1351SD.DAT;2 27
Depth (fsw)
74
56
37
19
0
0
30
60
90
120
150
Time (min)

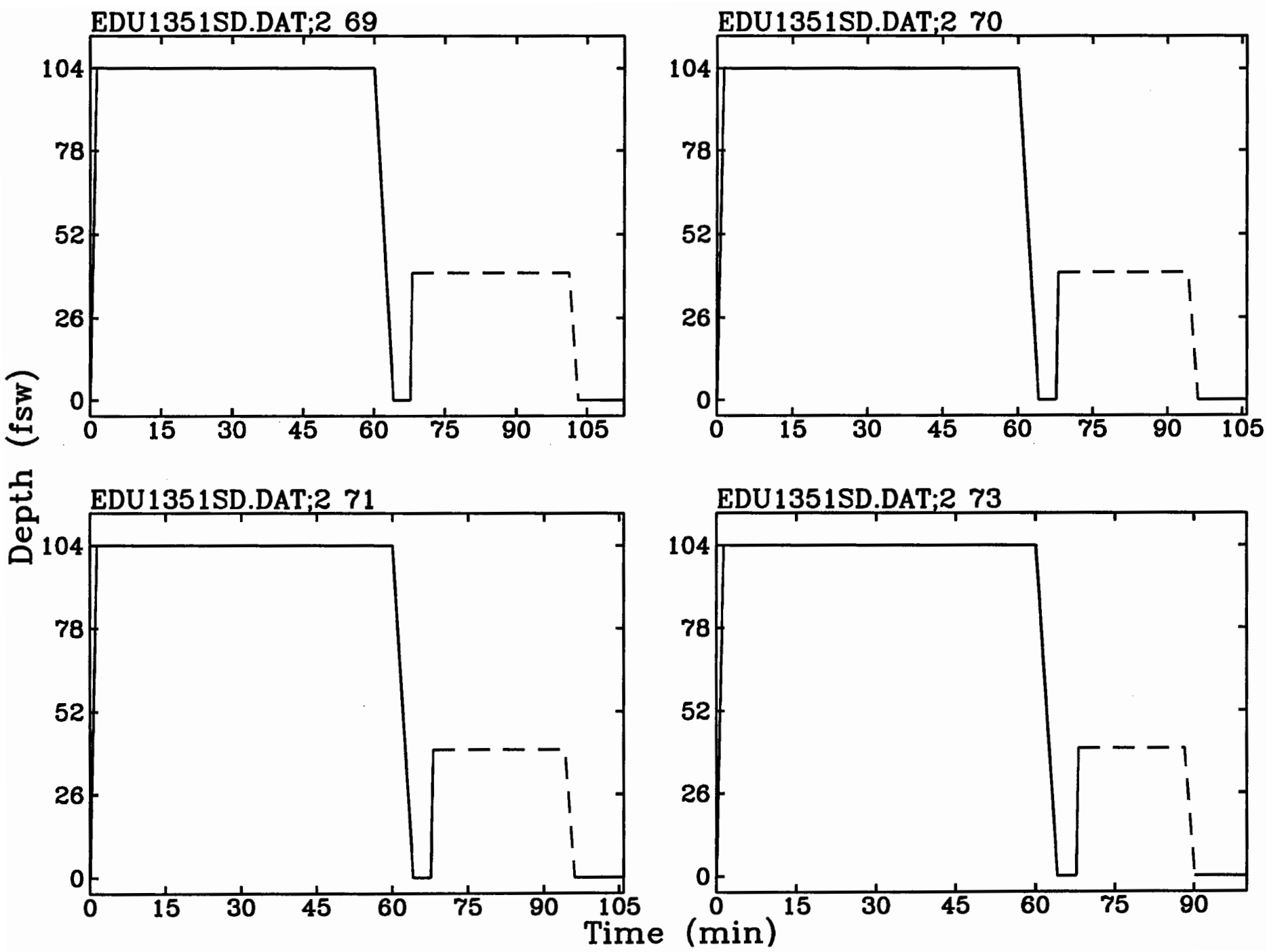

EDU1351SD.DAT;2 29
EDU1351SD.DAT;2 30
EDU1351SD.DAT;2 32
EDU1351SD.DAT;2 33
Depth (fsw)
Time (min)
74
56
37
19
0
84
63
42
21
0
30
60
90
120

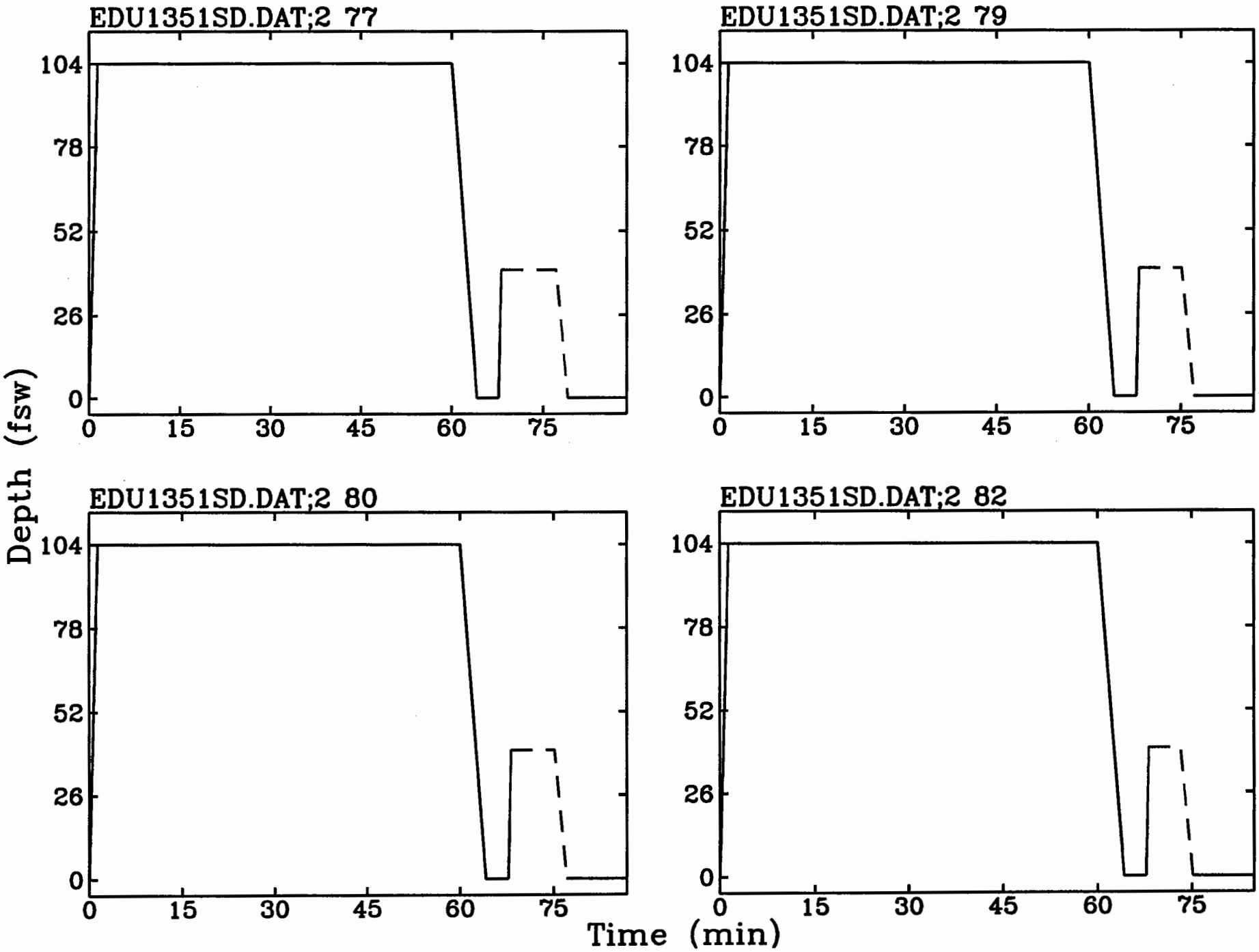

EDU1351SD.DAT;2 35
84
63
42
21
0
0
30
60
90
120
EDU1351SD.DAT;2 37
84
63
42
21
0
0
45
90
135
180
EDU1351SD.DAT;2 39
84
63
42
21
0
0
30
60
90
120
150
EDU1351SD.DAT;2 42
94
71
47
24
0
0
15
30
45
60
75
Depth (fsw)
Time (min)

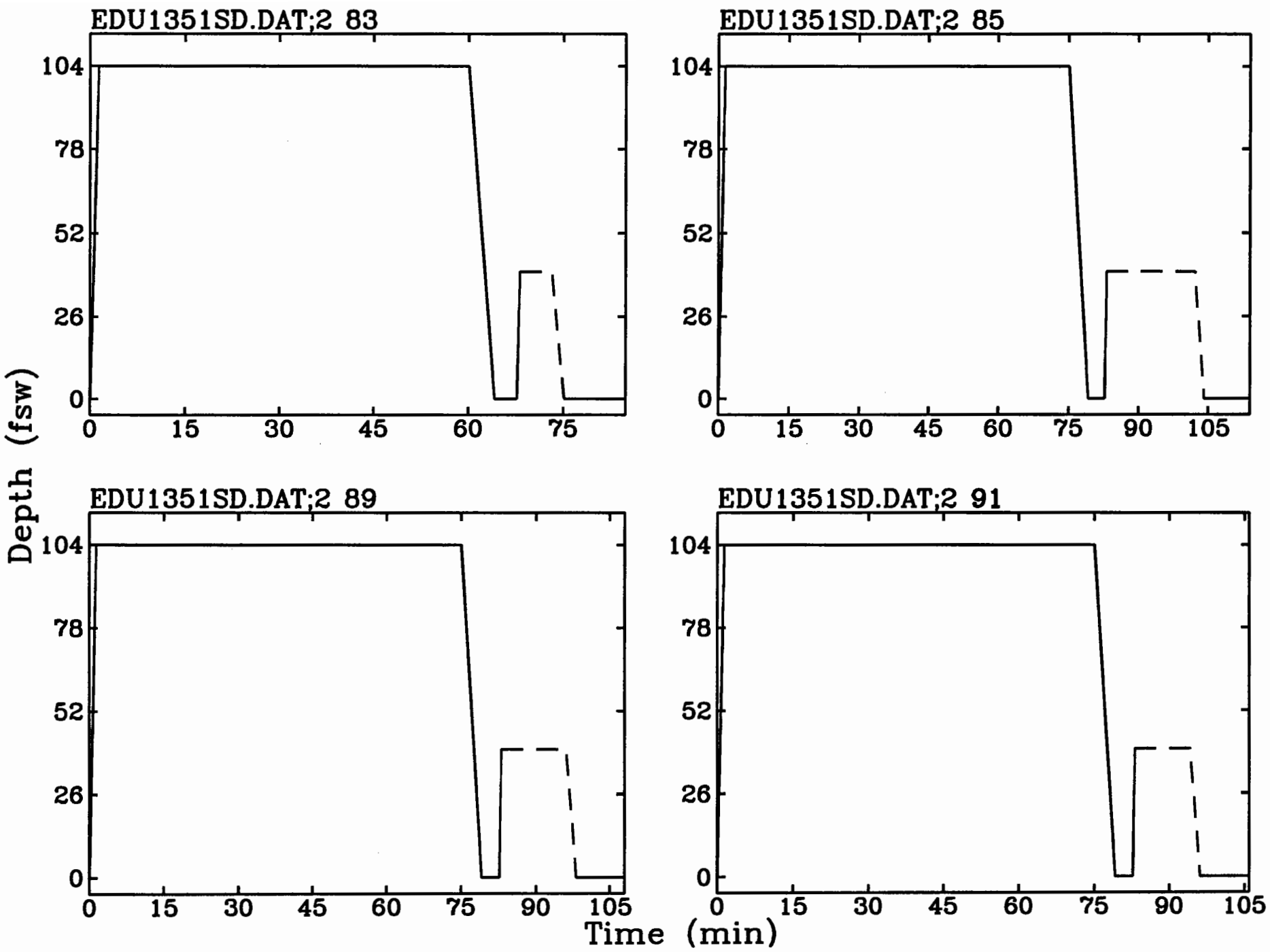

EDU1351SD.DAT;2 44
EDU1351SD.DAT;2 46
EDU1351SD.DAT;2 48
EDU1351SD.DAT;2 50
Depth (fsw)
Time (min)
94
71
47
24
0
0
15
30
45
60
75
90
105
120
150

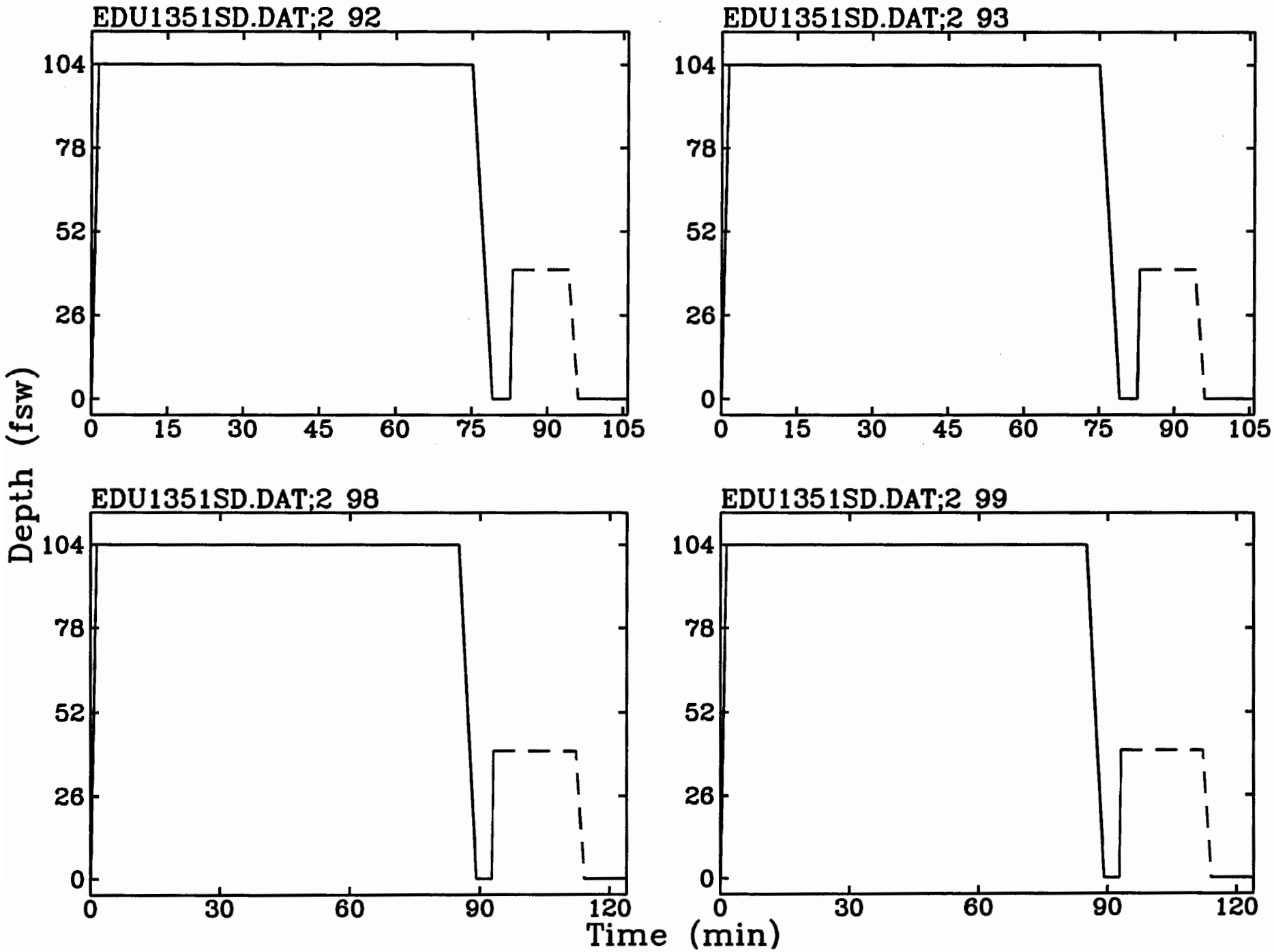

EDU1351SD.DAT;2 52
EDU1351SD.DAT;2 54
EDU1351SD.DAT;2 57
EDU1351SD.DAT;2 58
Depth (fsw)
94
71
47
24
0
0
45
90
135
180
30
60
120
150
Time (min)

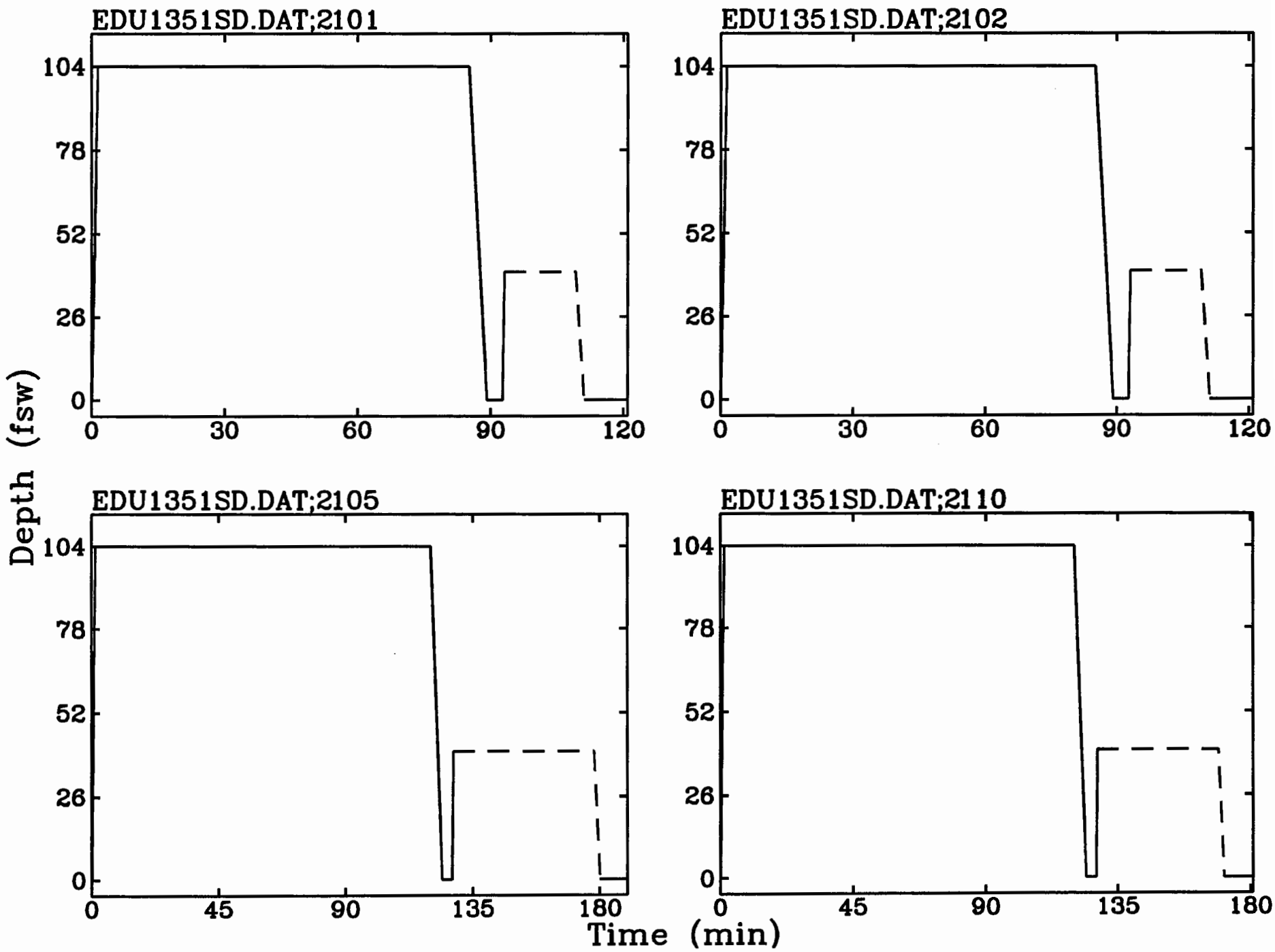

EDU1351SD.DAT;2 61
EDU1351SD.DAT;2 63
EDU1351SD.DAT;2 65
EDU1351SD.DAT;2 66
Depth (fsw)
Time (min)
104
78
52
26
0
0
15
30
45

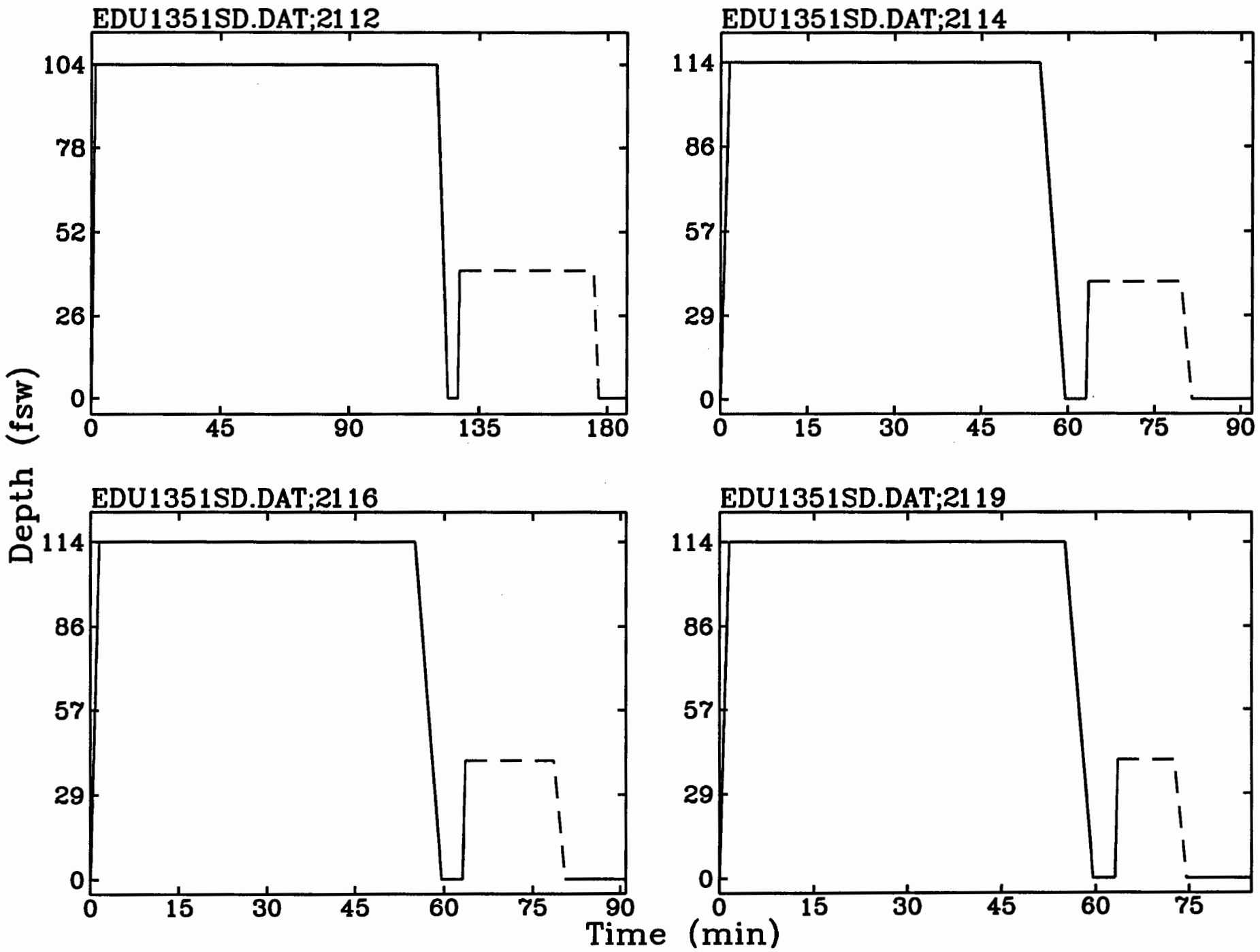

EDU1351SD.DAT;2 69
EDU1351SD.DAT;2 70
EDU1351SD.DAT;2 71
EDU1351SD.DAT;2 73
Depth (fsw)
Time (min)
104
78
52
26
0
0
15
30
45
60
75
90
105

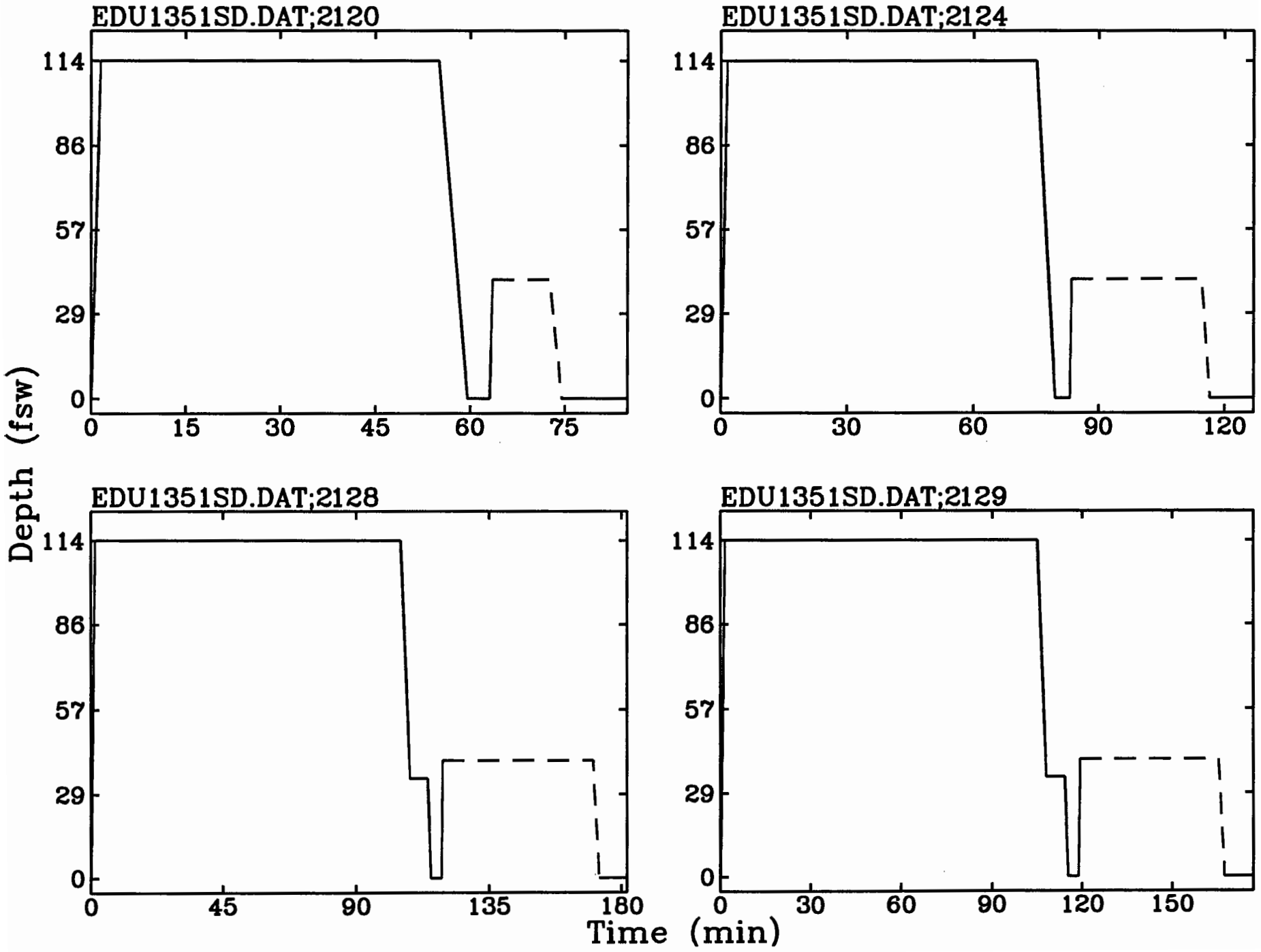

EDU1351SD.DAT;2 77
EDU1351SD.DAT;2 79
EDU1351SD.DAT;2 80
EDU1351SD.DAT;2 82
Depth (fsw)
104
78
52
26
0
0
15
30
45
60
75
Time (min)

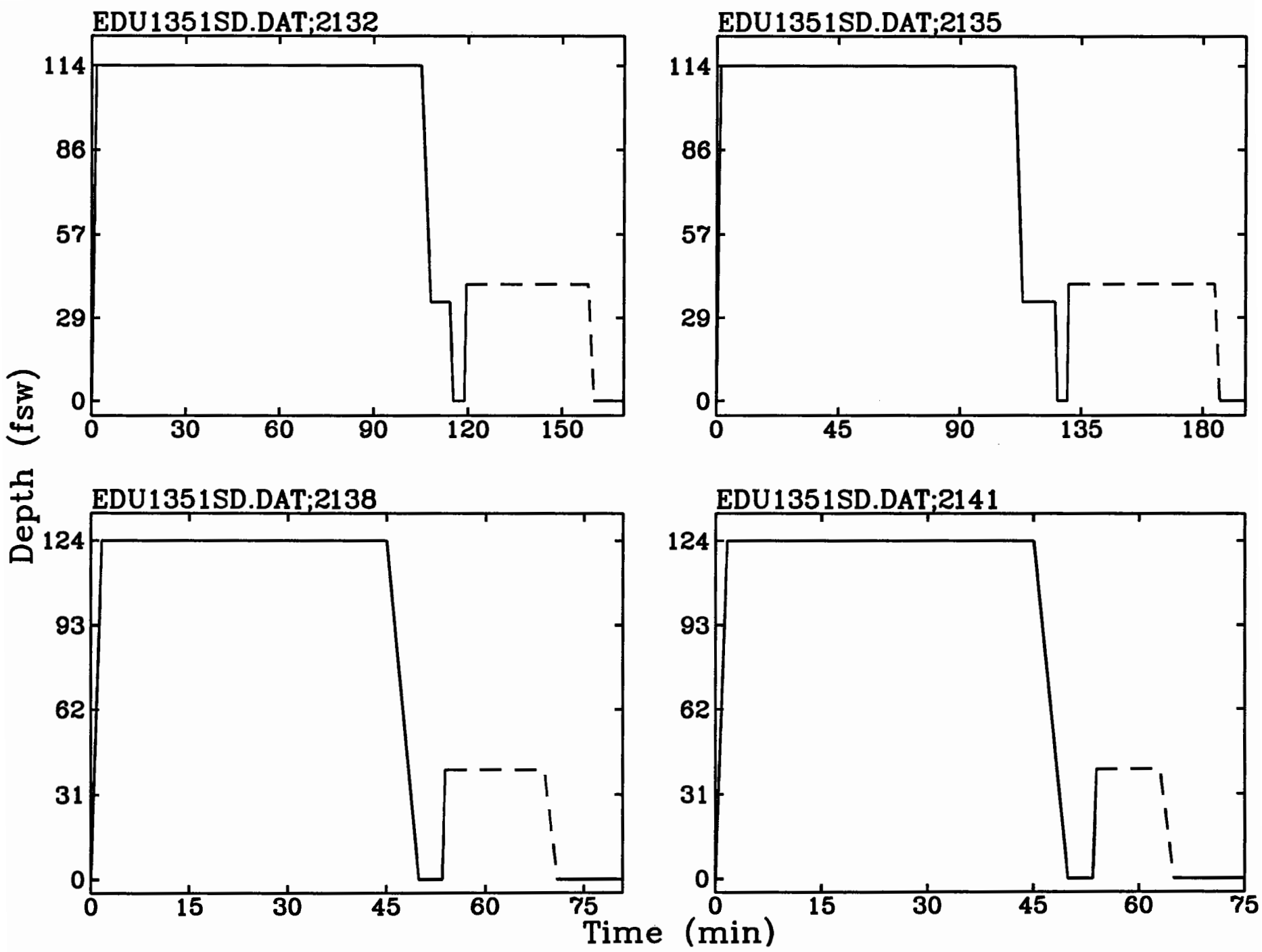

EDU1351SD.DAT;2 83
EDU1351SD.DAT;2 85
EDU1351SD.DAT;2 89
EDU1351SD.DAT;2 91
Depth (fsw)
104
78
52
26
0
0
15
30
45
60
75
90
105
Time (min)

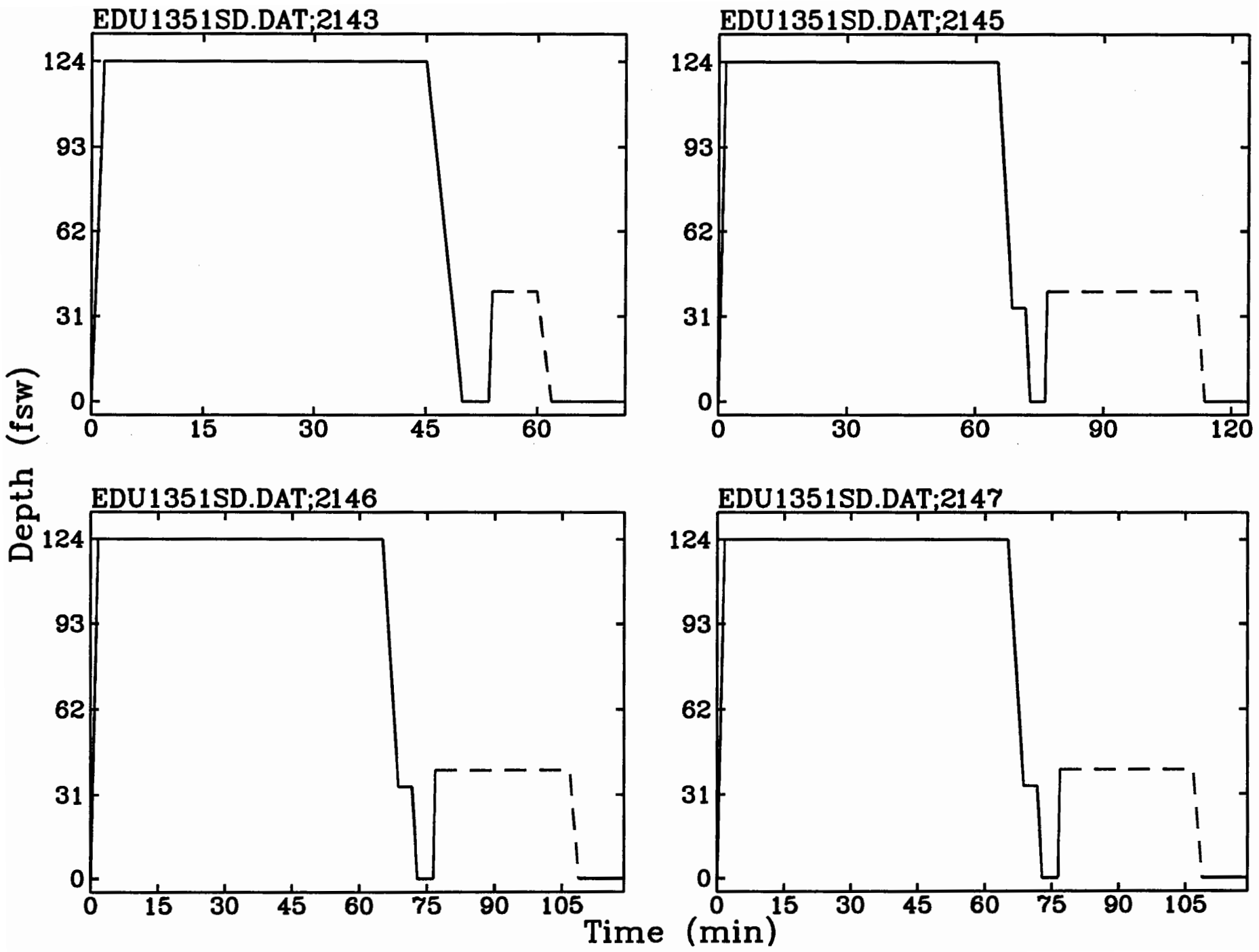

EDU1351SD.DAT;2 92
EDU1351SD.DAT;2 93
EDU1351SD.DAT;2 98
EDU1351SD.DAT;2 99
Depth (fsw)
Time (min)
104
78
52
26
0
0
15
30
45
60
75
90
105
120

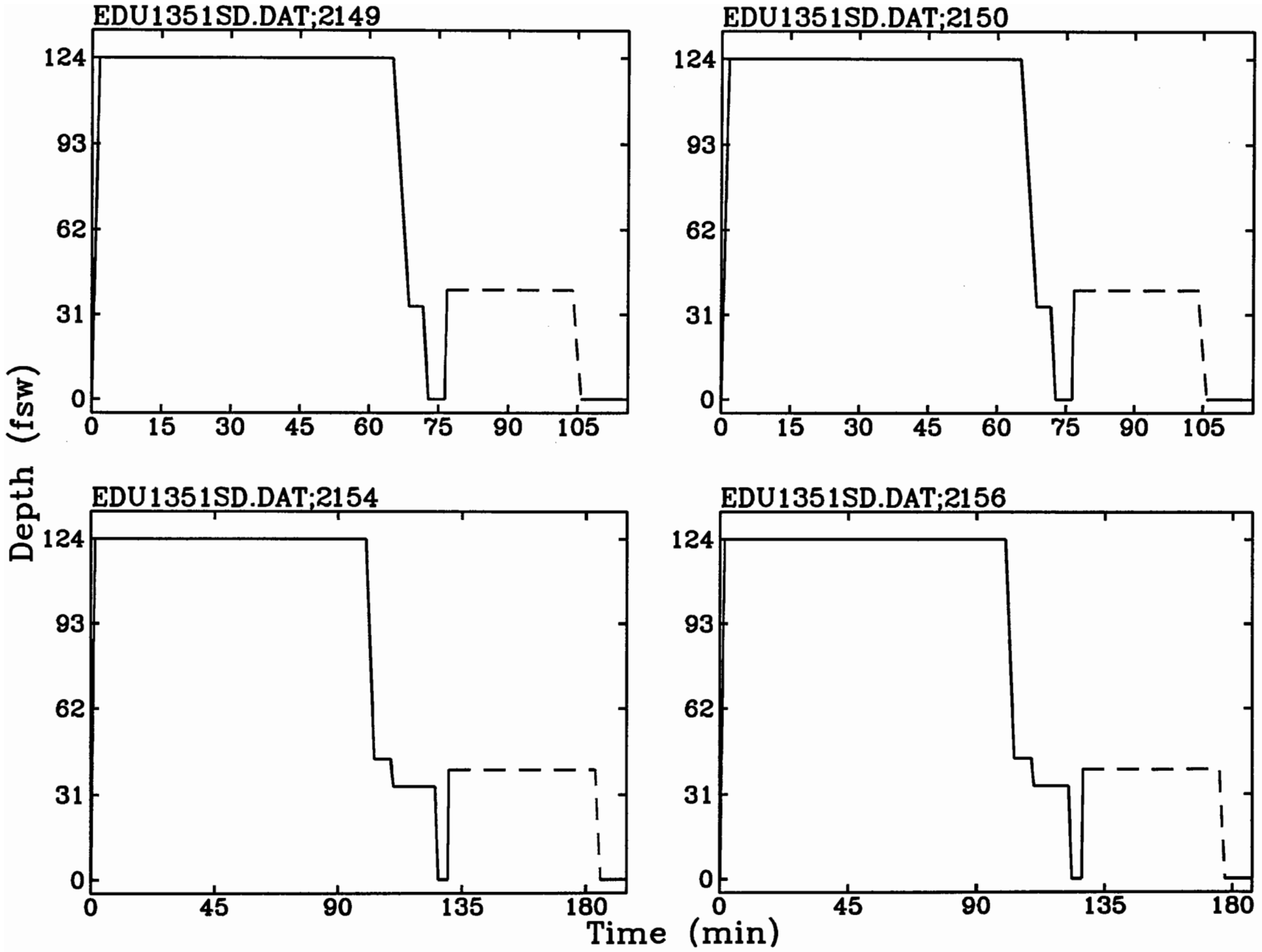

EDU1351SD.DAT;2101
EDU1351SD.DAT;2102
EDU1351SD.DAT;2105
EDU1351SD.DAT;2110
Depth (fsw)
104
78
52
26
0
0
30
60
90
120
45
135
180
Time (min)

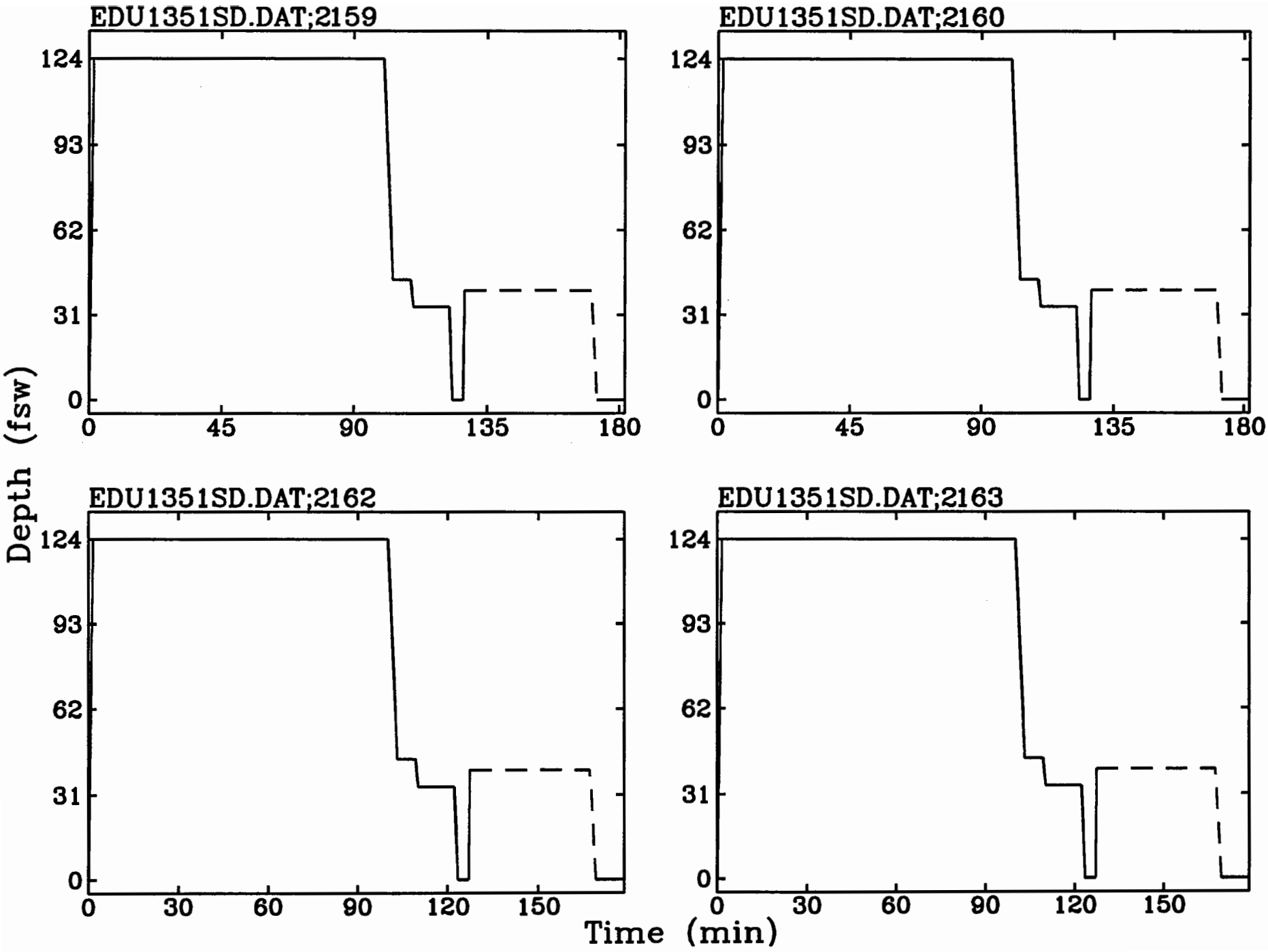

EDU1351SD.DAT;2112
104
78
52
26
0
0
45
90
135
180
EDU1351SD.DAT;2114
114
86
57
29
0
0
15
30
45
60
75
90
EDU1351SD.DAT;2116
114
86
57
29
0
0
15
30
45
60
75
90
EDU1351SD.DAT;2119
114
86
57
29
0
0
15
30
45
60
75
Depth (fsw)
Time (min)

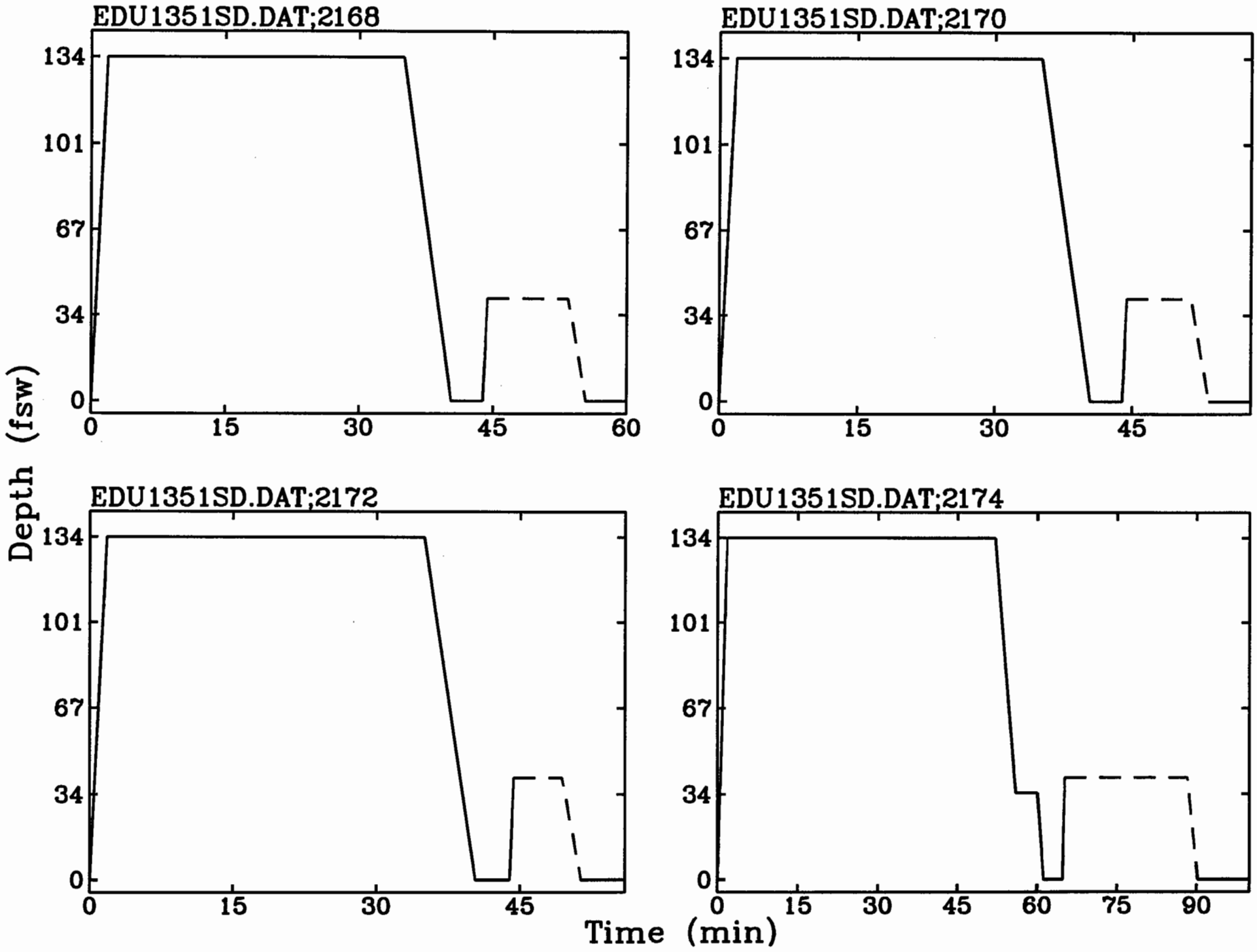

EDU1351SD.DAT;2120
EDU1351SD.DAT;2124
EDU1351SD.DAT;2128
EDU1351SD.DAT;2129
Depth (fsw)
Time (min)
114
86
57
29
0
0
15
30
45
60
75
90
120
135
150
180

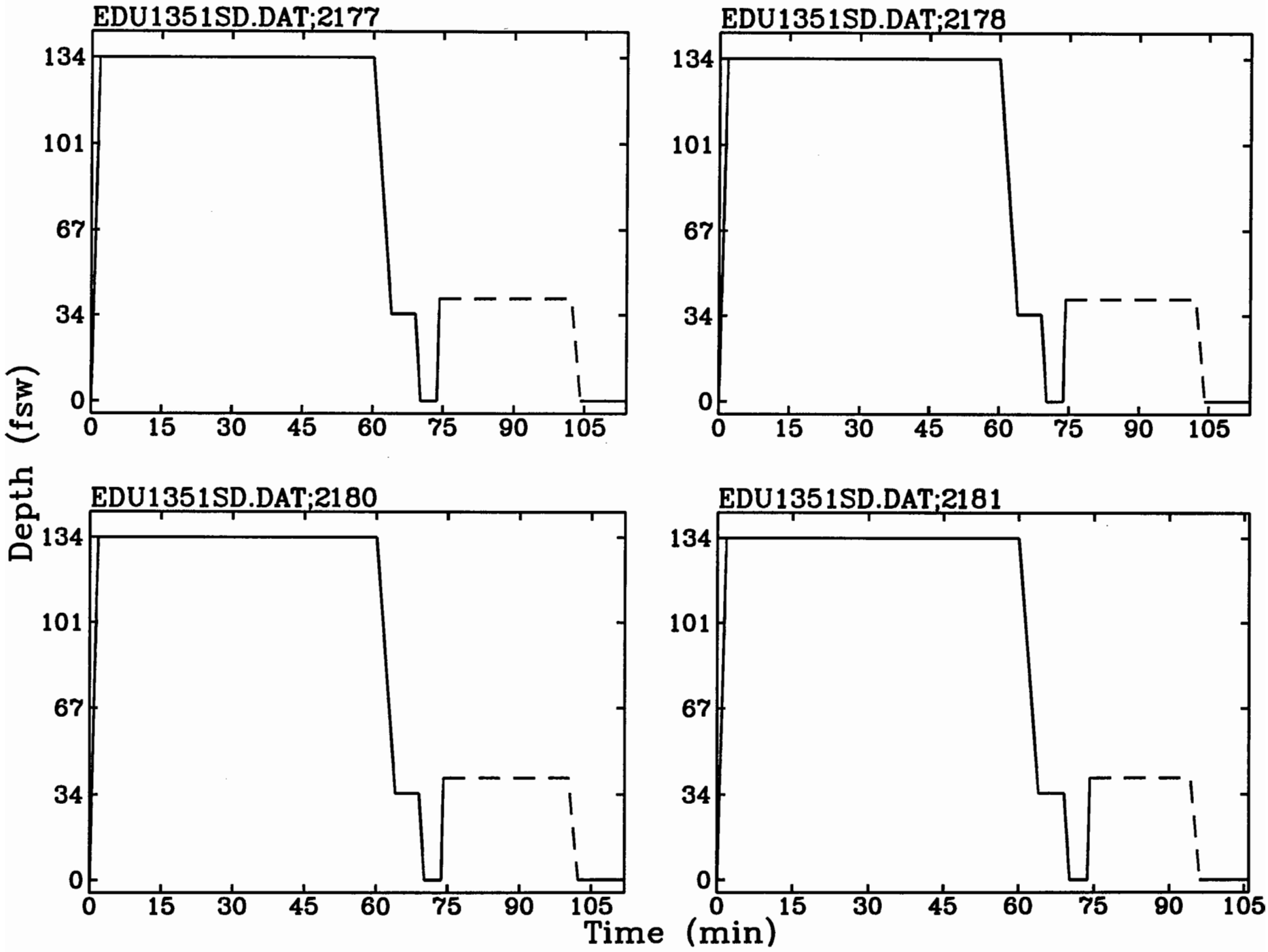

EDU1351SD.DAT;2132
EDU1351SD.DAT;2135
EDU1351SD.DAT;2138
EDU1351SD.DAT;2141
Depth (fsw)
Time (min)
114
86
57
29
0
124
93
62
31
0
30
60
90
120
150
45
135
180
15
75

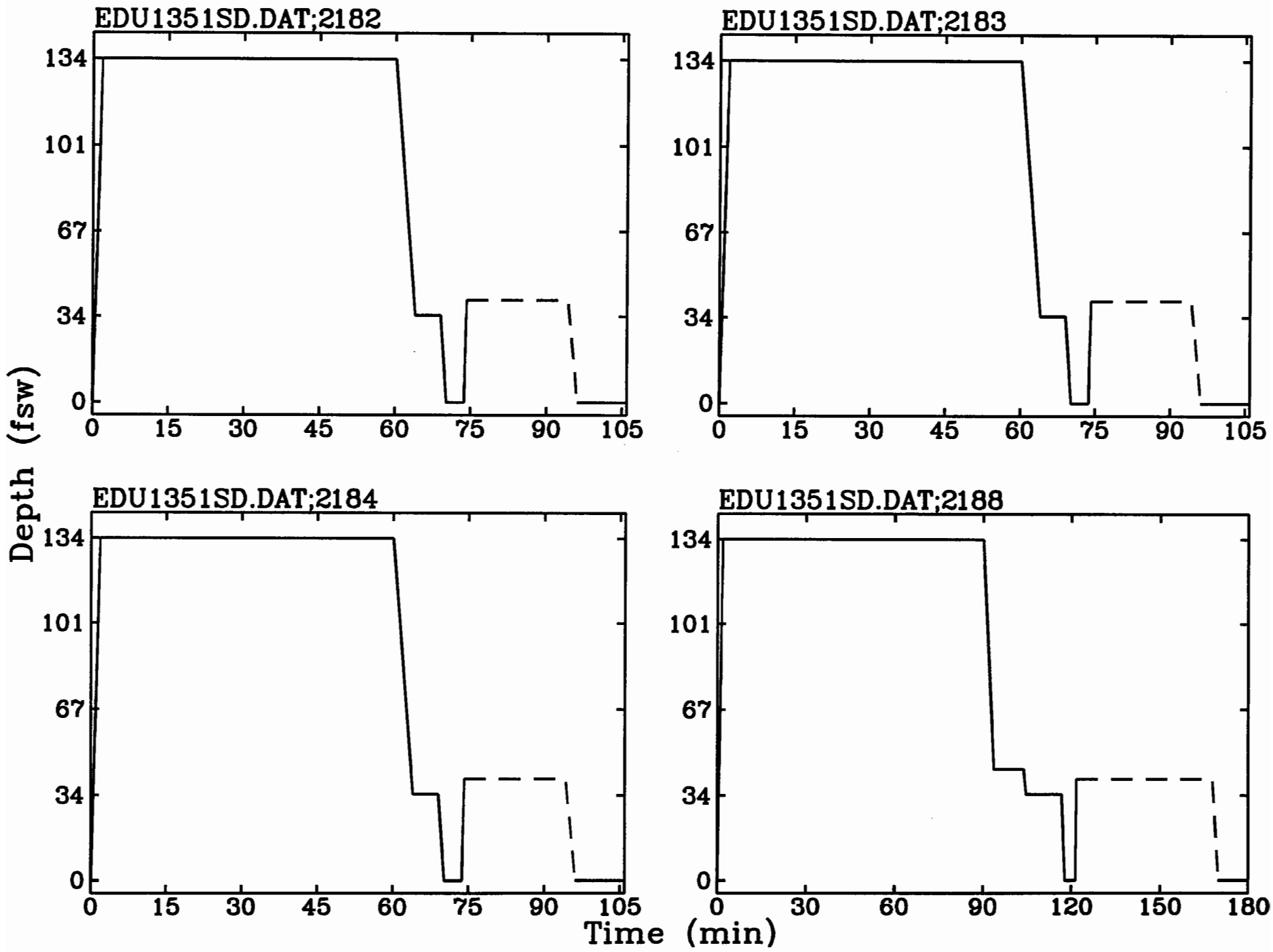

EDU1351SD.DAT;2143
EDU1351SD.DAT;2145
EDU1351SD.DAT;2146
EDU1351SD.DAT;2147
Depth (fsw)
Time (min)
124
93
62
31
0
0
15
30
45
60
75
90
105
120

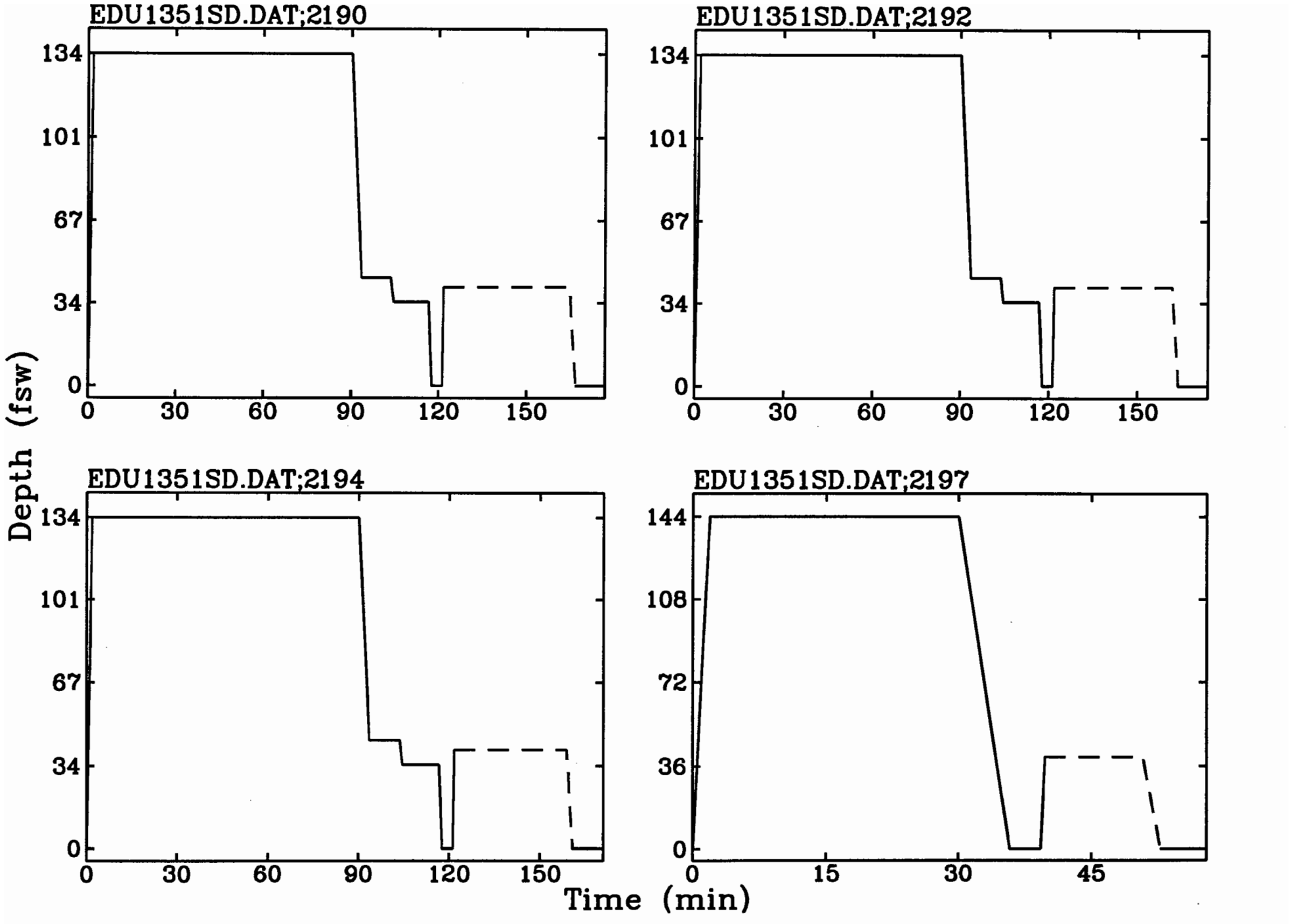

EDU1351SD.DAT;2149
EDU1351SD.DAT;2150
EDU1351SD.DAT;2154
EDU1351SD.DAT;2156
Depth (fsw)
Time (min)
124
93
62
31
0
0 15 30 45 60 75 90 105
0 45 90 135 180

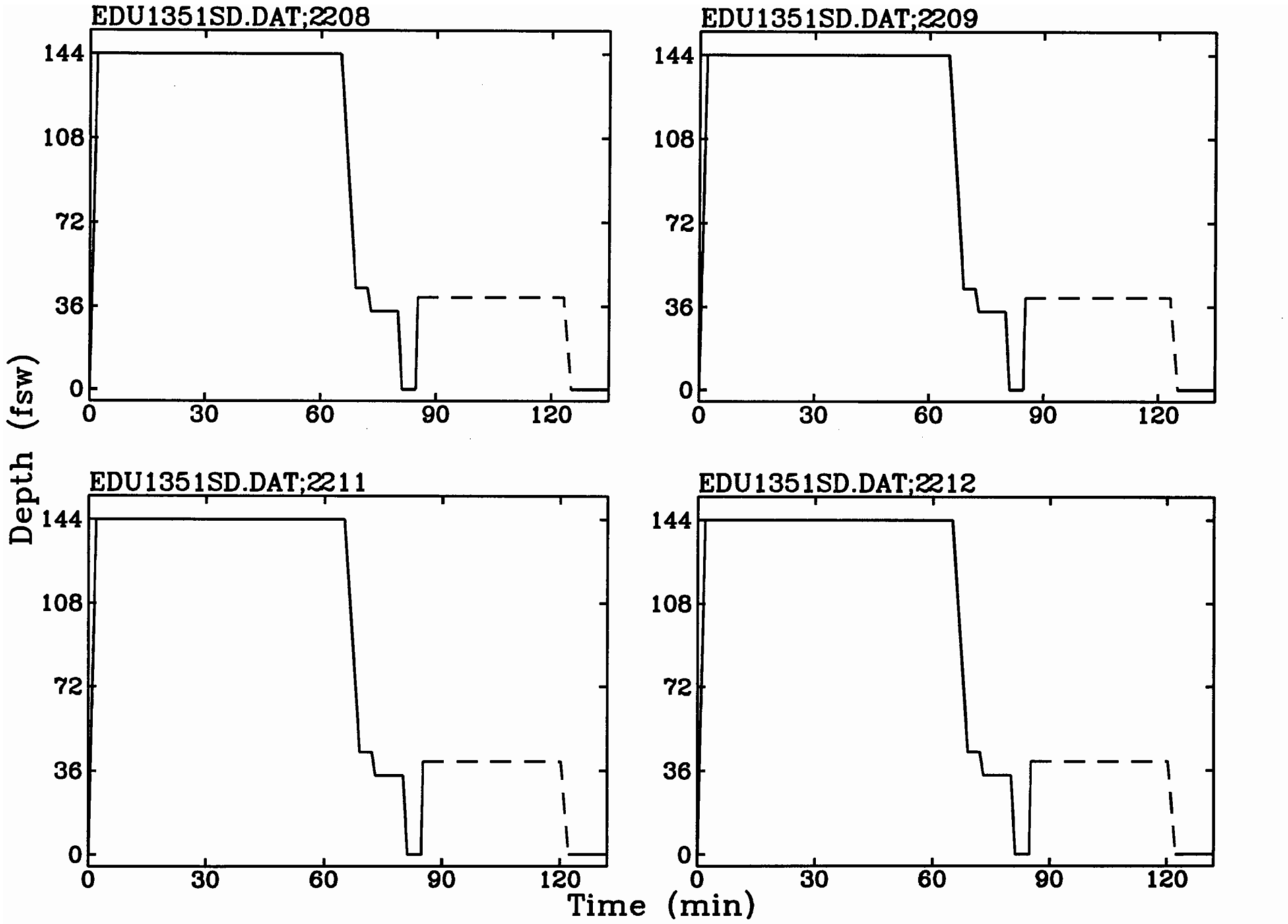

EDU1351SD.DAT;2159
EDU1351SD.DAT;2160
EDU1351SD.DAT;2162
EDU1351SD.DAT;2163
Depth (fsw)
Time (min)
124
93
62
31
0
0
45
90
135
180
30
60
120
150

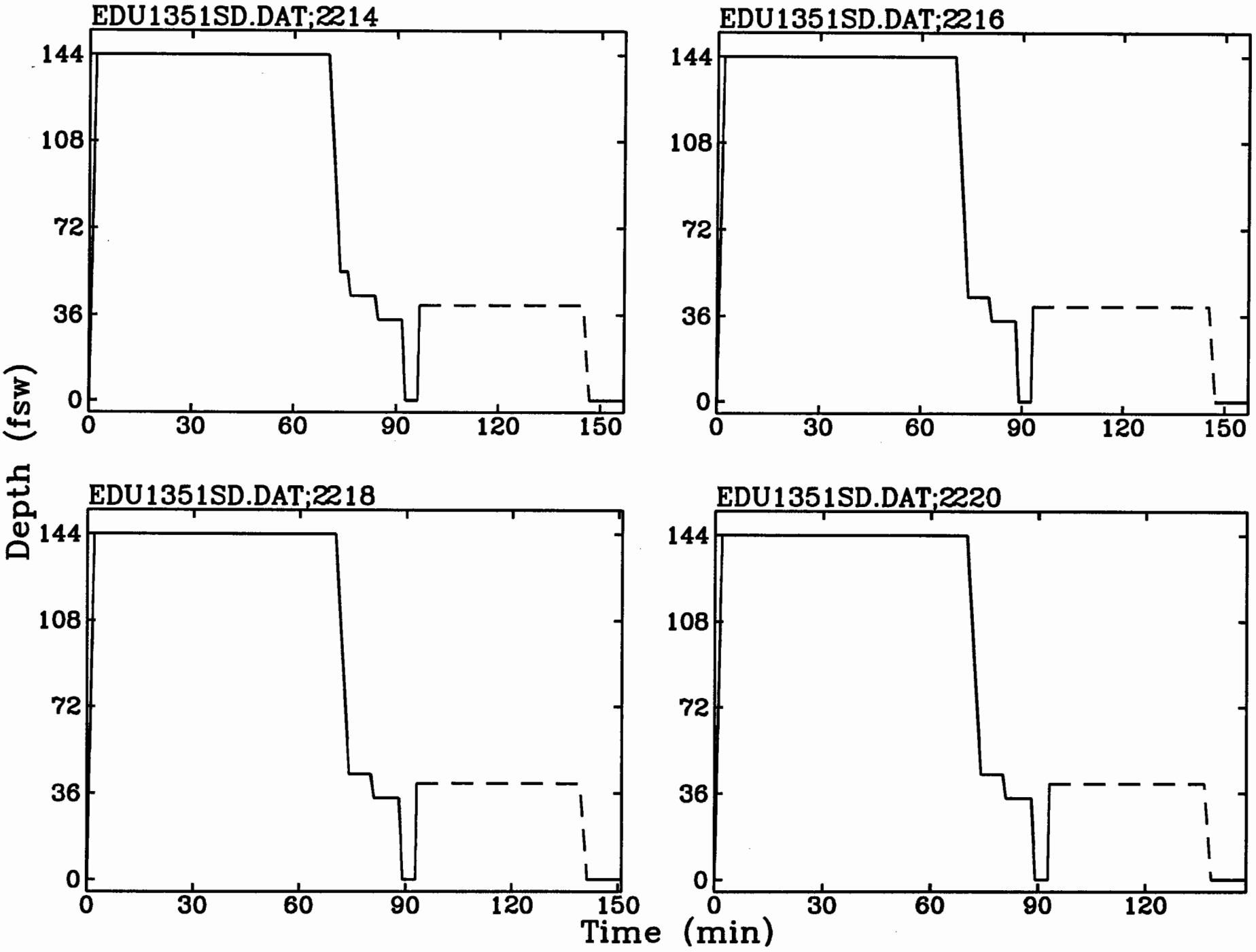

EDU1351SD.DAT;2168
EDU1351SD.DAT;2170
EDU1351SD.DAT;2172
EDU1351SD.DAT;2174
Depth (fsw)
Time (min)
134
101
67
34
0
0
15
30
45
60
75
90

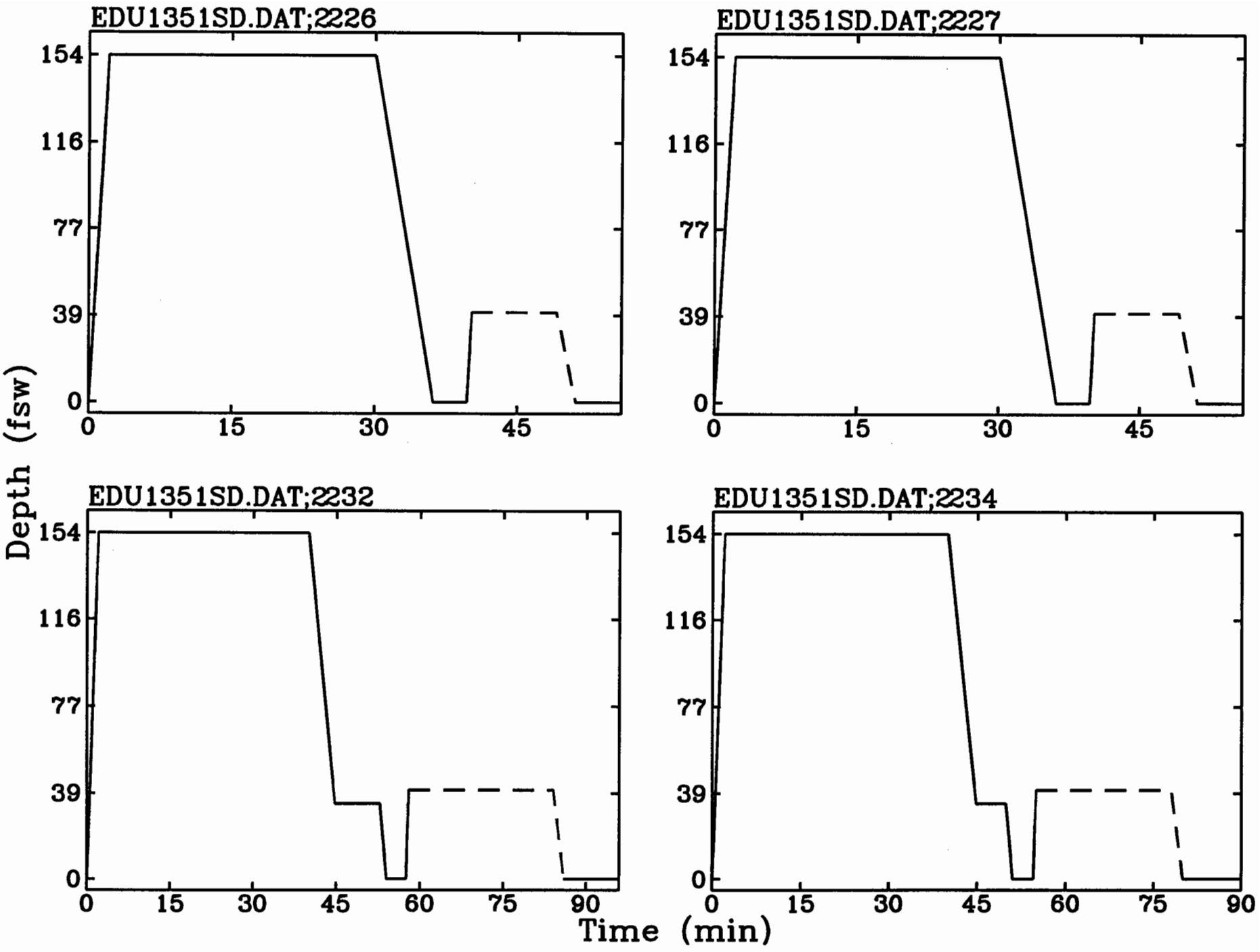

EDU1351SD.DAT;2177
EDU1351SD.DAT;2178
EDU1351SD.DAT;2180
EDU1351SD.DAT;2181
Depth (fsw)
134
101
67
34
0
0
15
30
45
60
75
90
105
Time (min)

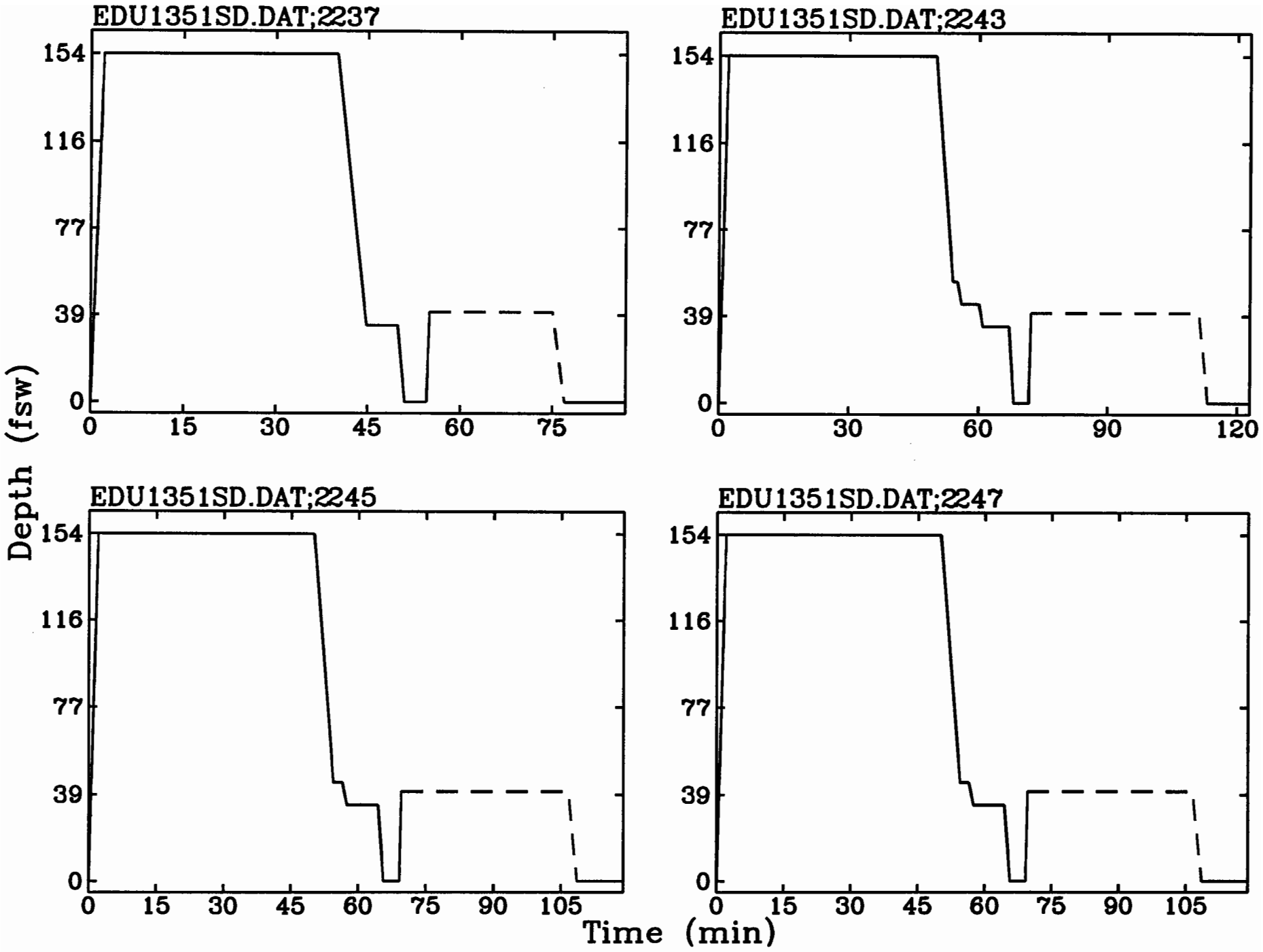

EDU1351SD.DAT;2182
EDU1351SD.DAT;2183
EDU1351SD.DAT;2184
EDU1351SD.DAT;2188
Depth (fsw)
Time (min)
134
101
67
34
0
0
15
30
45
60
75
90
105
120
150
180

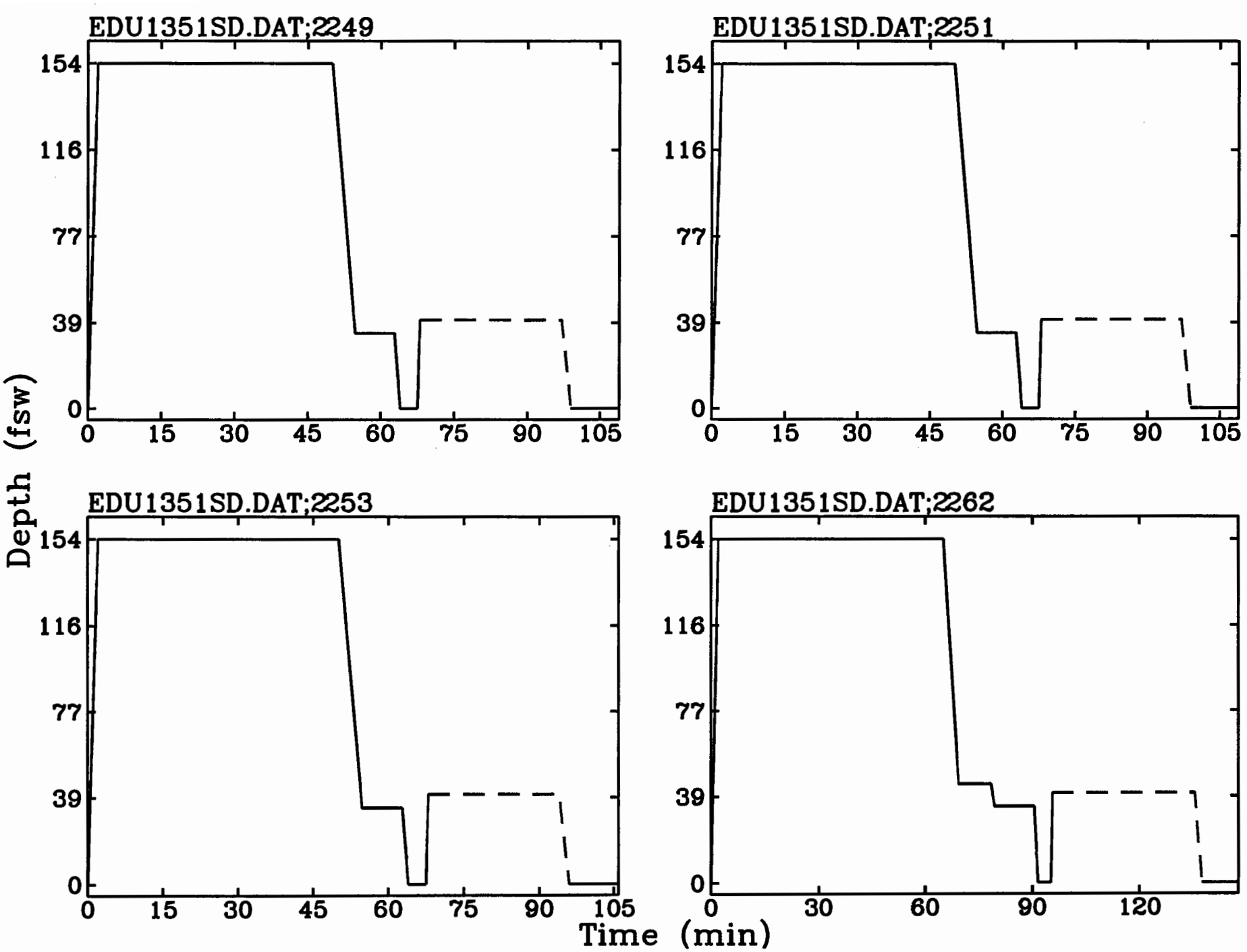

EDU1351SD.DAT;2190
EDU1351SD.DAT;2192
EDU1351SD.DAT;2194
EDU1351SD.DAT;2197
Depth (fsw)
Time (min)
134
101
67
34
0
144
108
72
36
0
30
60
90
120
150
15
45

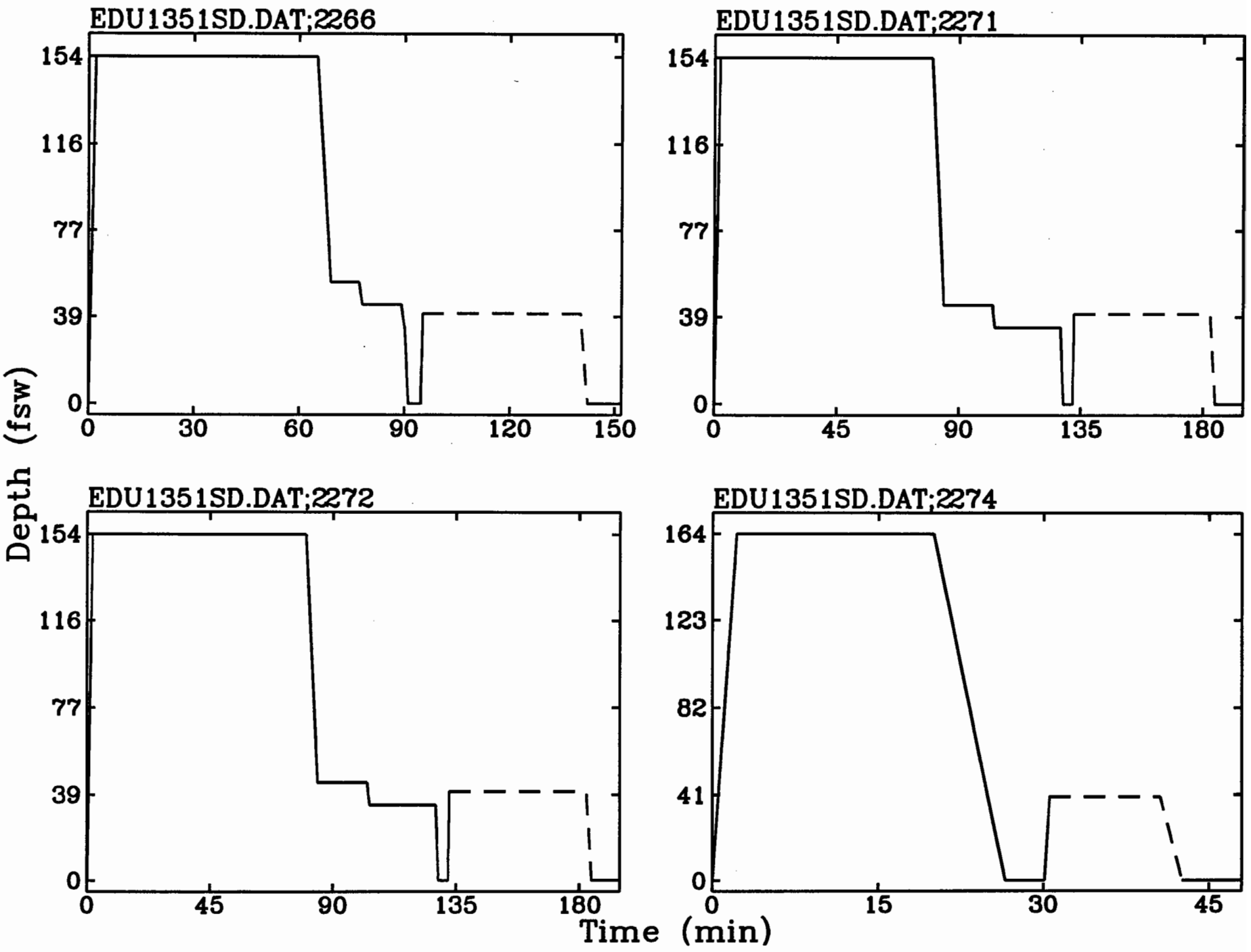

EDU1351SD.DAT;2208
EDU1351SD.DAT;2209
EDU1351SD.DAT;2211
EDU1351SD.DAT;2212
Depth (fsw)
144
108
72
36
0
0
30
60
90
120
Time (min)

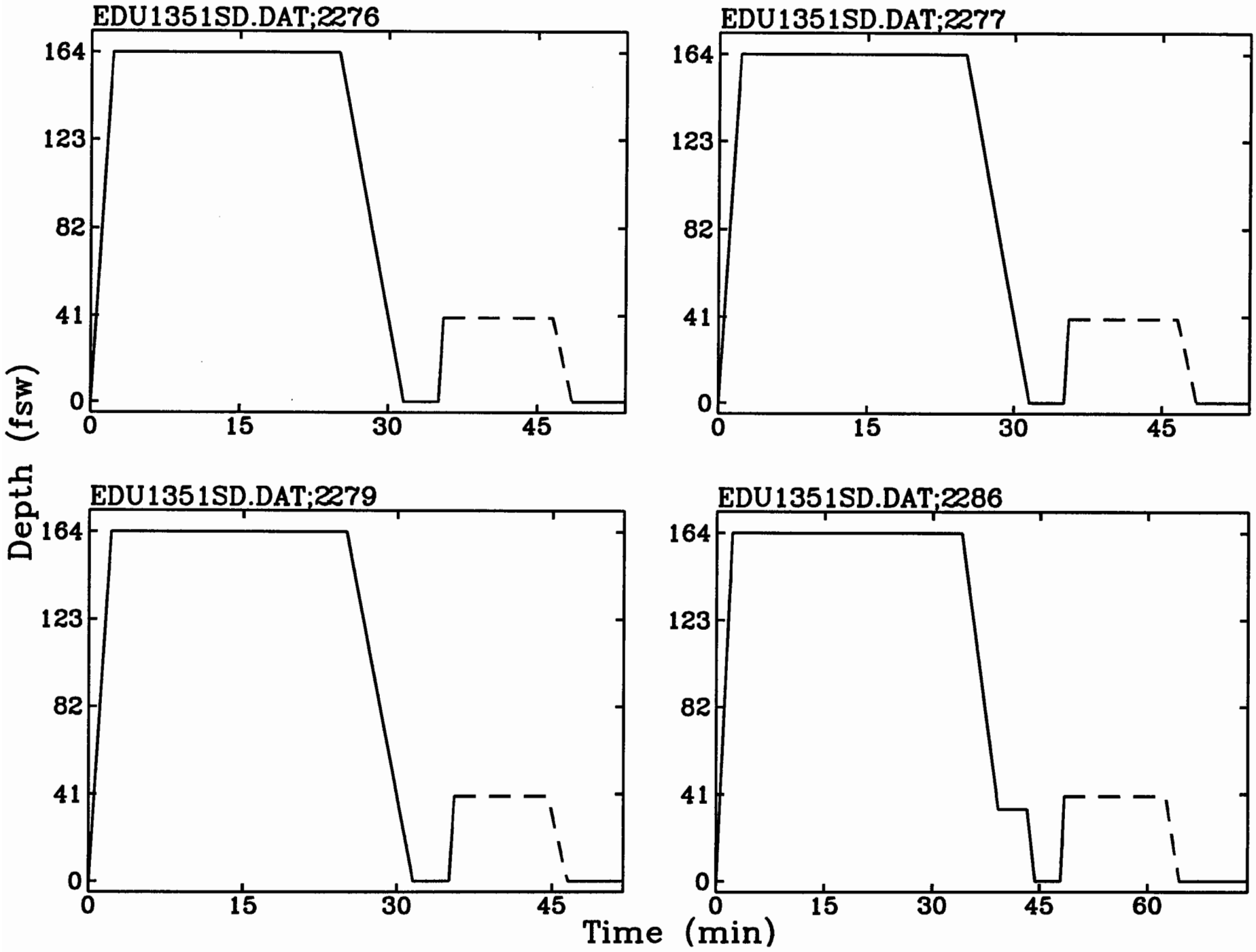

EDU1351SD.DAT;2214
EDU1351SD.DAT;2216
EDU1351SD.DAT;2218
EDU1351SD.DAT;2220
Depth (fsw)
144
108
72
36
0
0
30
60
90
120
150
Time (min)

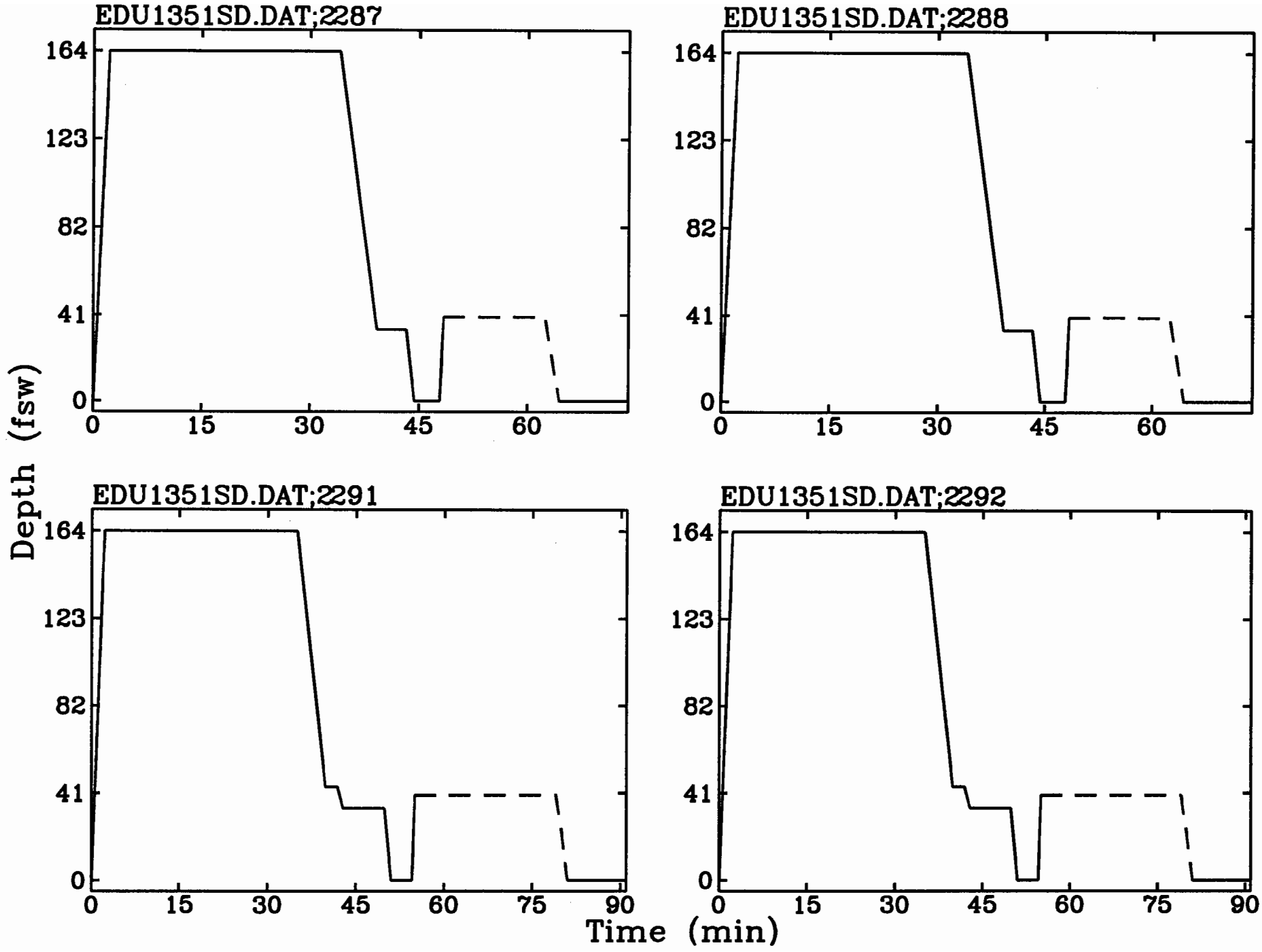

EDU1351SD.DAT;2226
EDU1351SD.DAT;2227
EDU1351SD.DAT;2232
EDU1351SD.DAT;2234
Depth (fsw)
154
116
77
39
0
0
15
30
45
60
75
90
Time (min)

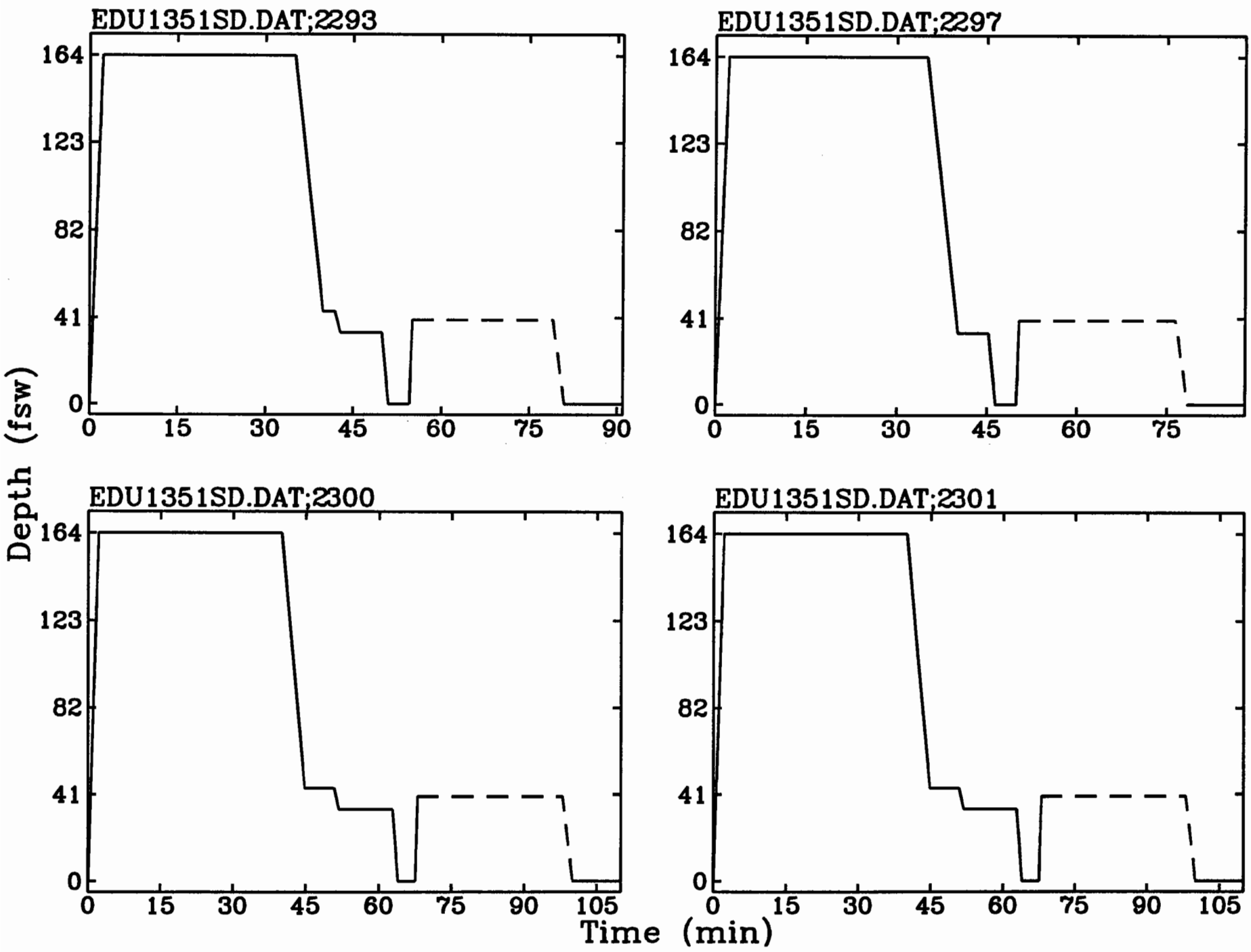

EDU1351SD.DAT;2237
EDU1351SD.DAT;2243
EDU1351SD.DAT;2245
EDU1351SD.DAT;2247
Depth (fsw)
Time (min)
154
116
77
39
0
0
15
30
45
60
75
90
105
120

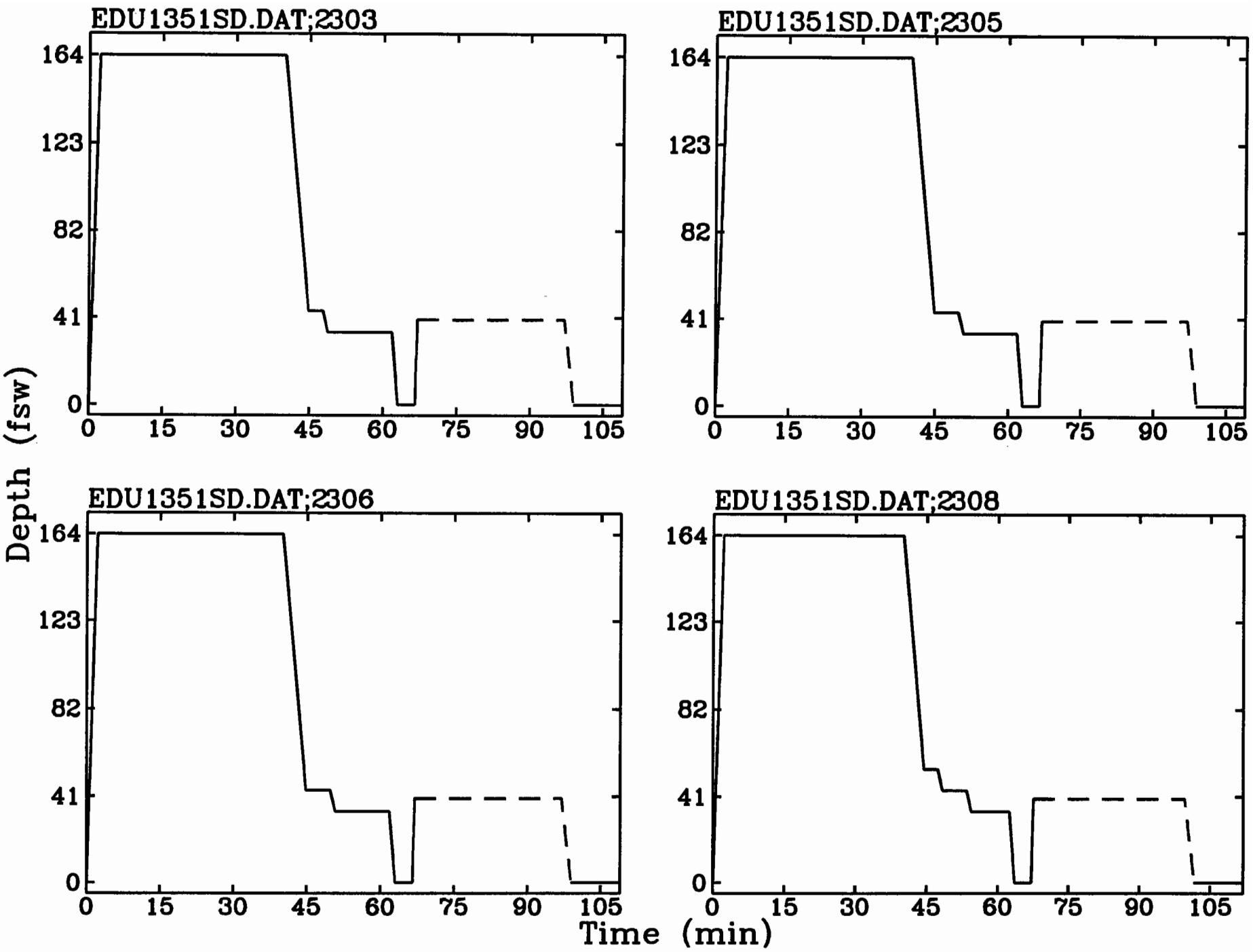

EDU1351SD.DAT;2249
EDU1351SD.DAT;2251
EDU1351SD.DAT;2253
EDU1351SD.DAT;2262
Depth (fsw)
Time (min)
154
116
77
39
0
0
15
30
45
60
75
90
105
120

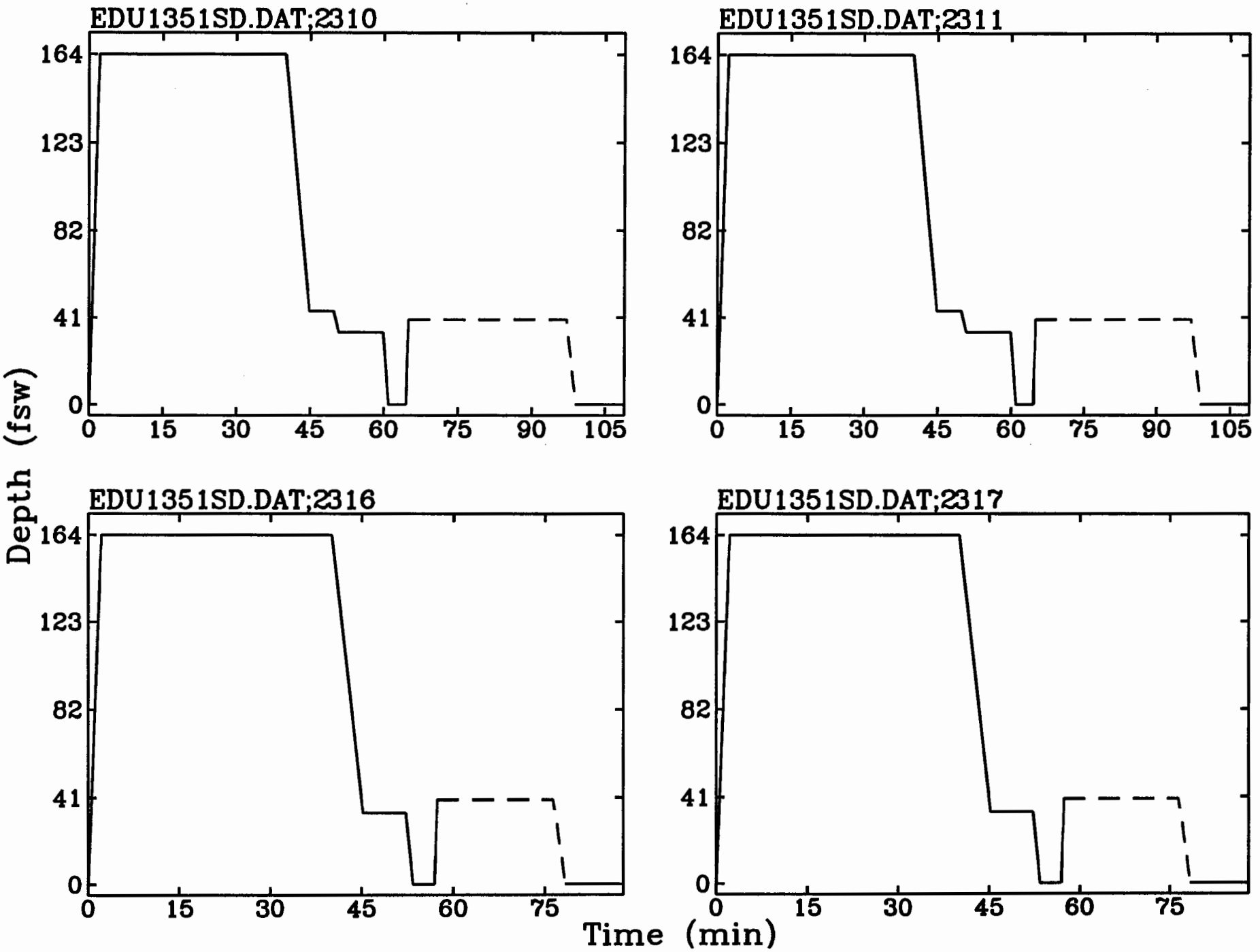

EDU1351SD.DAT;2266
154
116
77
39
0
0
30
60
90
120
150
EDU1351SD.DAT;2271
154
116
77
39
0
0
45
90
135
180
EDU1351SD.DAT;2272
154
116
77
39
0
0
45
90
135
180
EDU1351SD.DAT;2274
164
123
82
41
0
0
15
30
45
Depth (fsw)
Time (min)

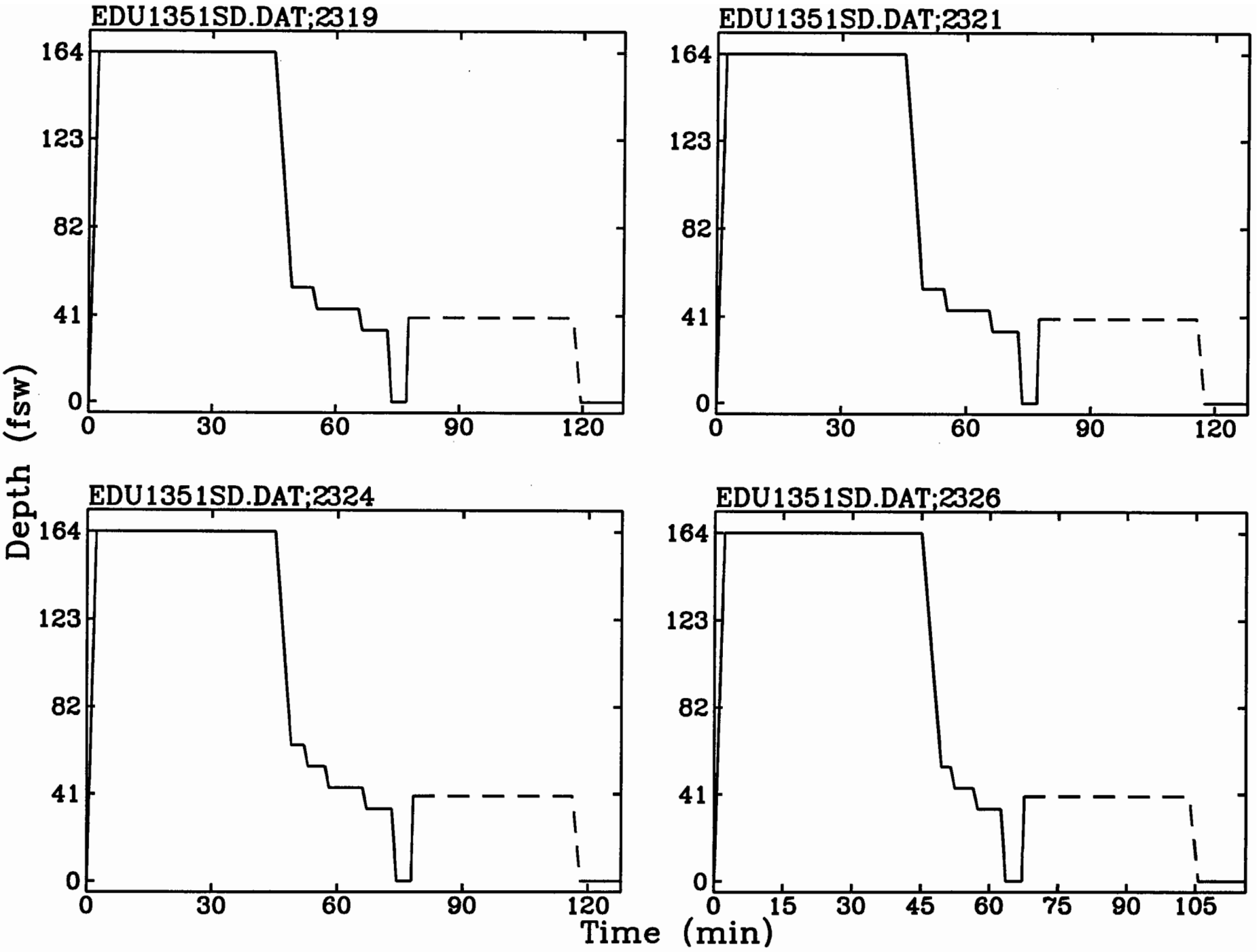

EDU1351SD.DAT;2276
EDU1351SD.DAT;2277
EDU1351SD.DAT;2279
EDU1351SD.DAT;2286
Depth (fsw)
164
123
82
41
0
0
15
30
45
60
Time (min)

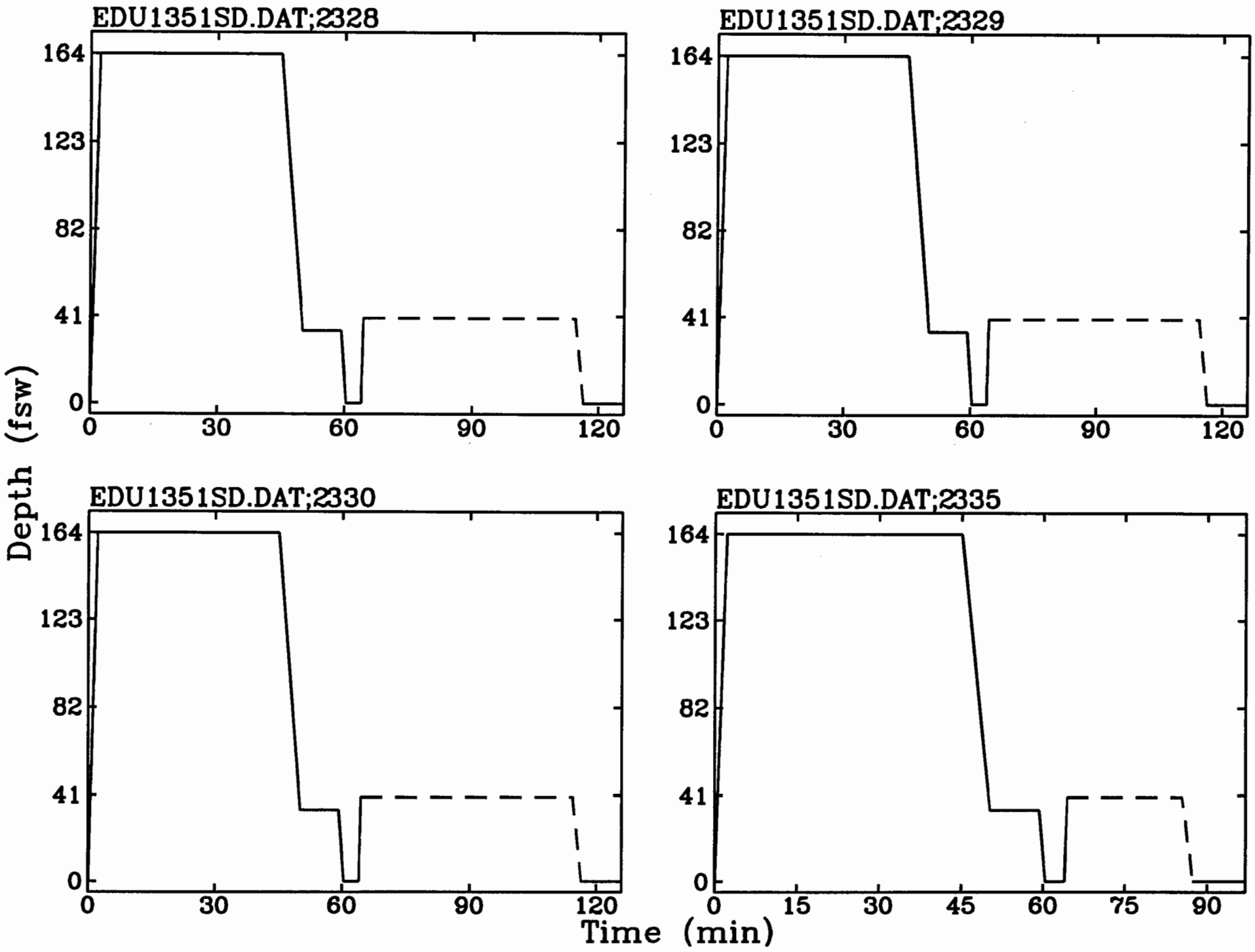

EDU1351SD.DAT;2287
EDU1351SD.DAT;2288
EDU1351SD.DAT;2291
EDU1351SD.DAT;2292
Depth (fsw)
164
123
82
41
0
0
15
30
45
60
75
90
Time (min)

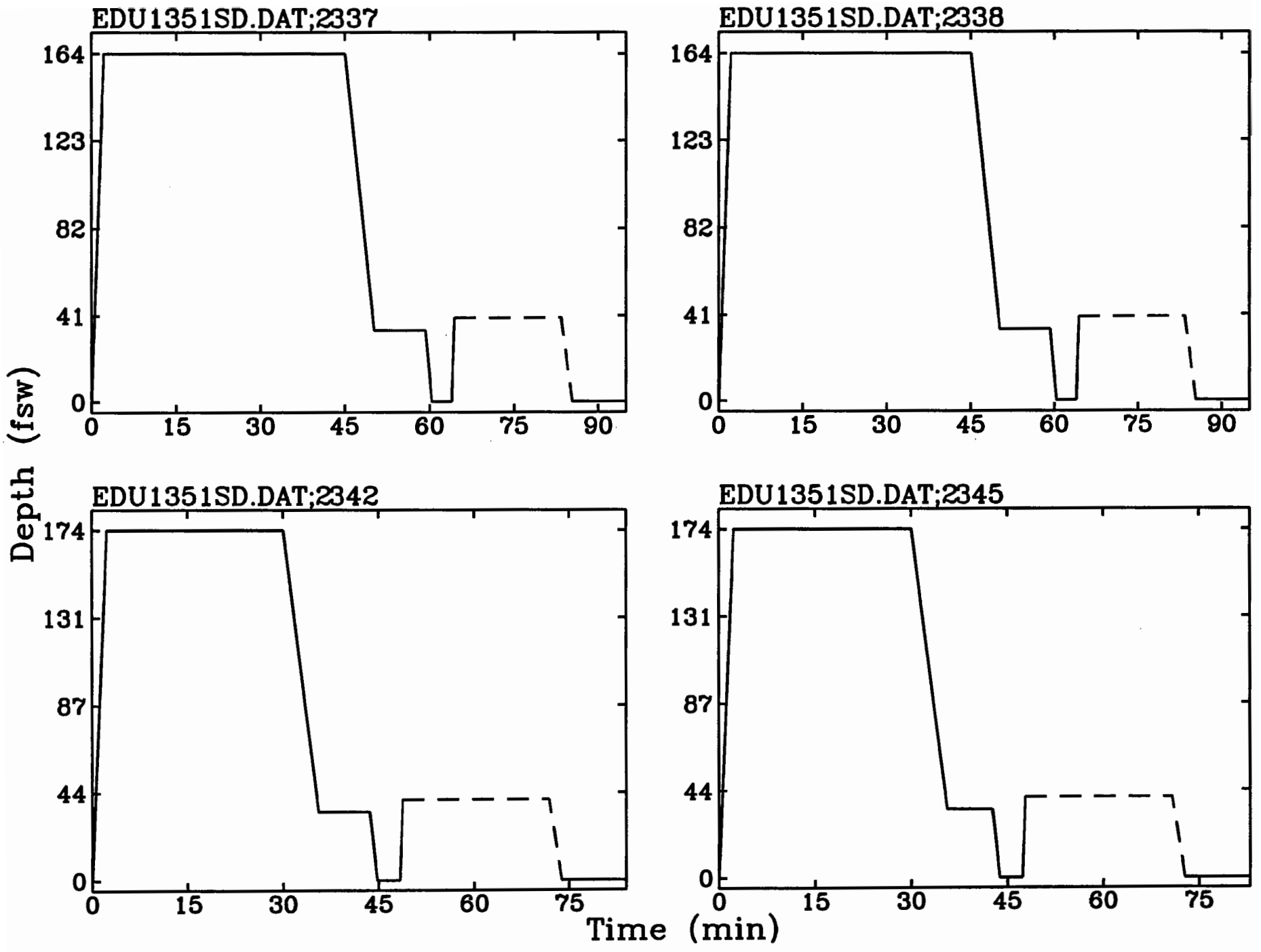

EDU1351SD.DAT;2293
EDU1351SD.DAT;2297
EDU1351SD.DAT;2300
EDU1351SD.DAT;2301
Depth (fsw)
Time (min)
164
123
82
41
0
0
15
30
45
60
75
90
105

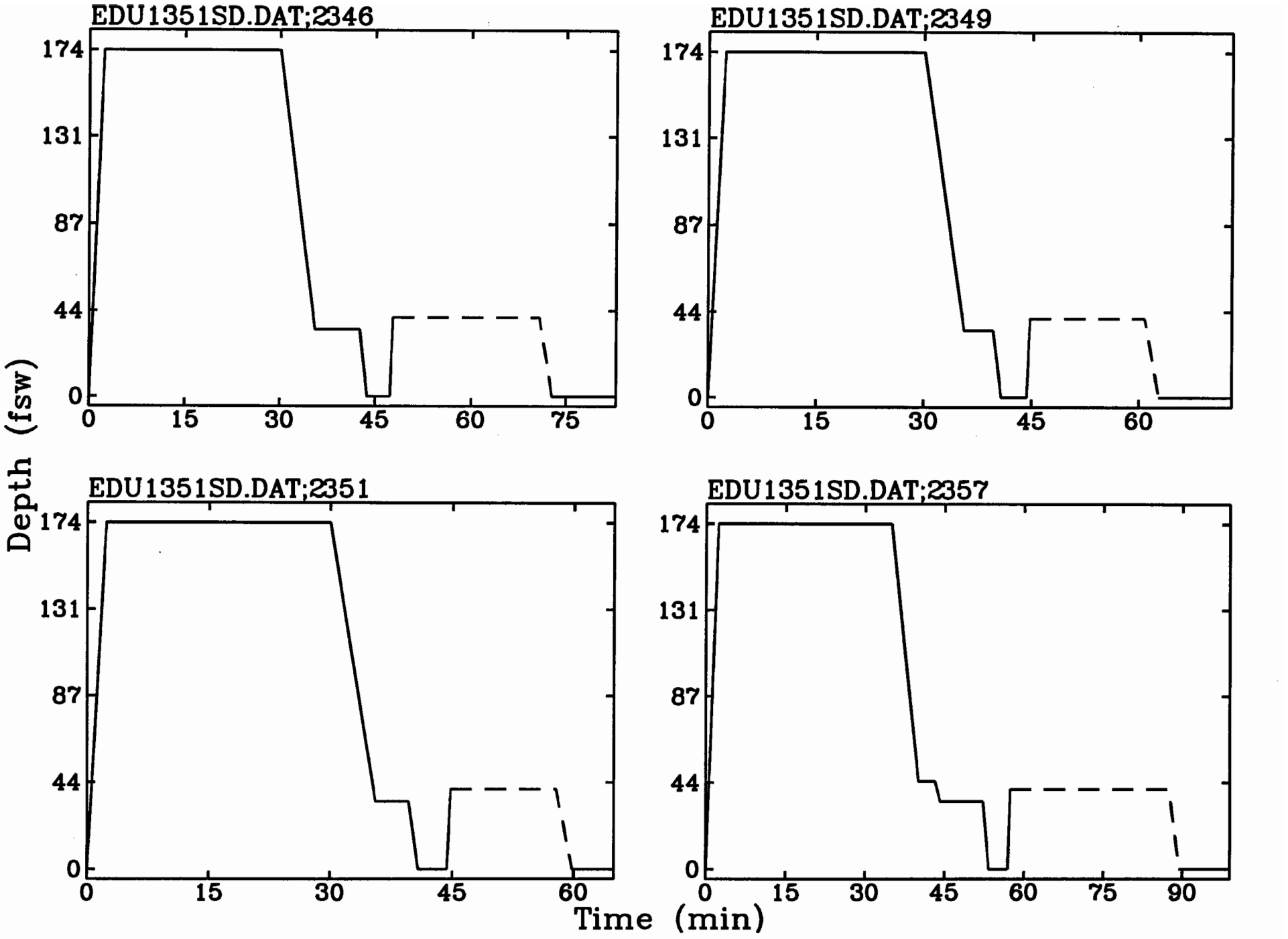

EDU1351SD.DAT;2303
EDU1351SD.DAT;2305
EDU1351SD.DAT;2306
EDU1351SD.DAT;2308
Depth (fsw)
164
123
82
41
0
0
15
30
45
60
75
90
105
Time (min)

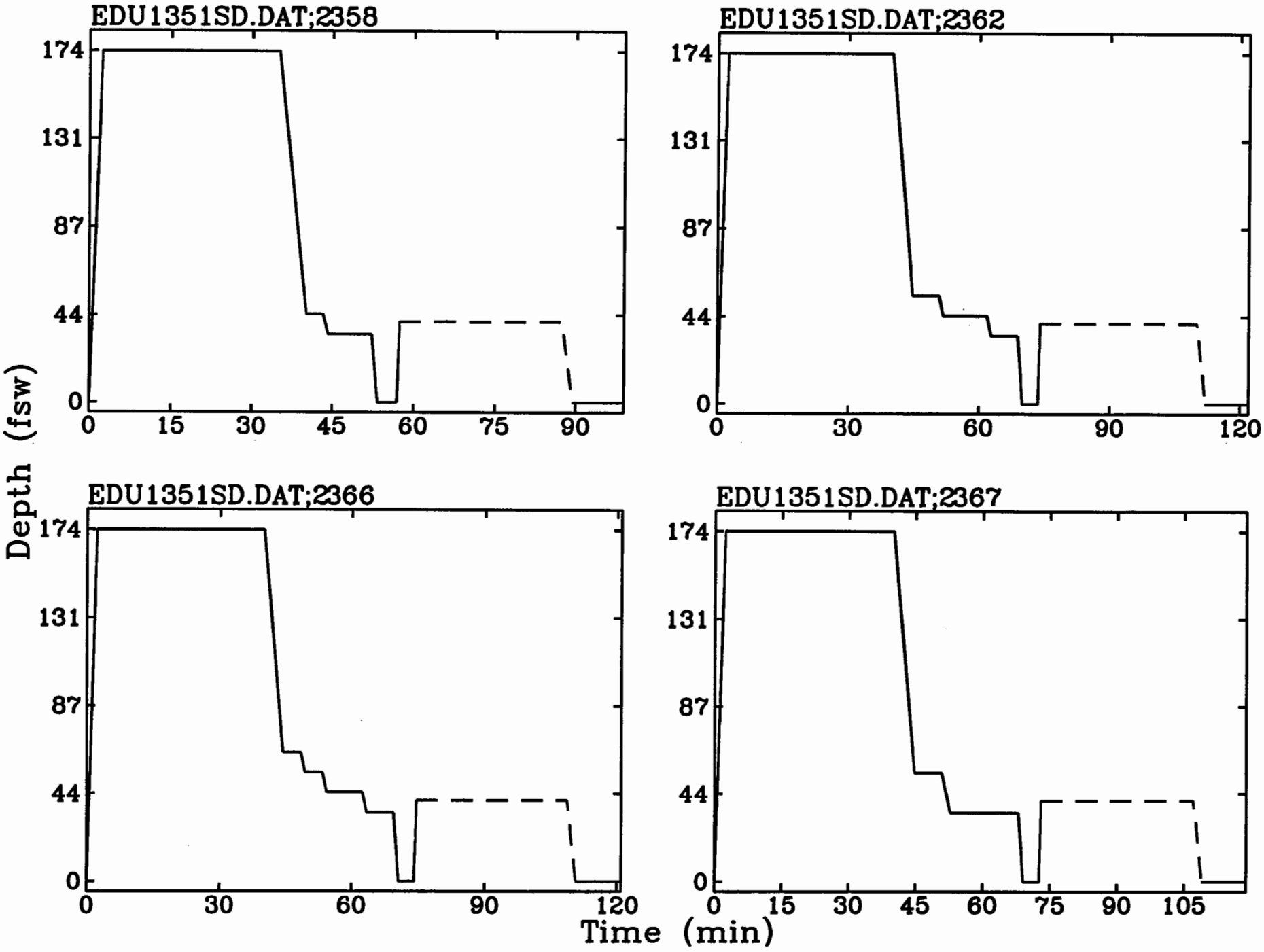

EDU1351SD.DAT;2310
EDU1351SD.DAT;2311
EDU1351SD.DAT;2316
EDU1351SD.DAT;2317
Depth (fsw)
Time (min)
164
123
82
41
0
0
15
30
45
60
75
90
105

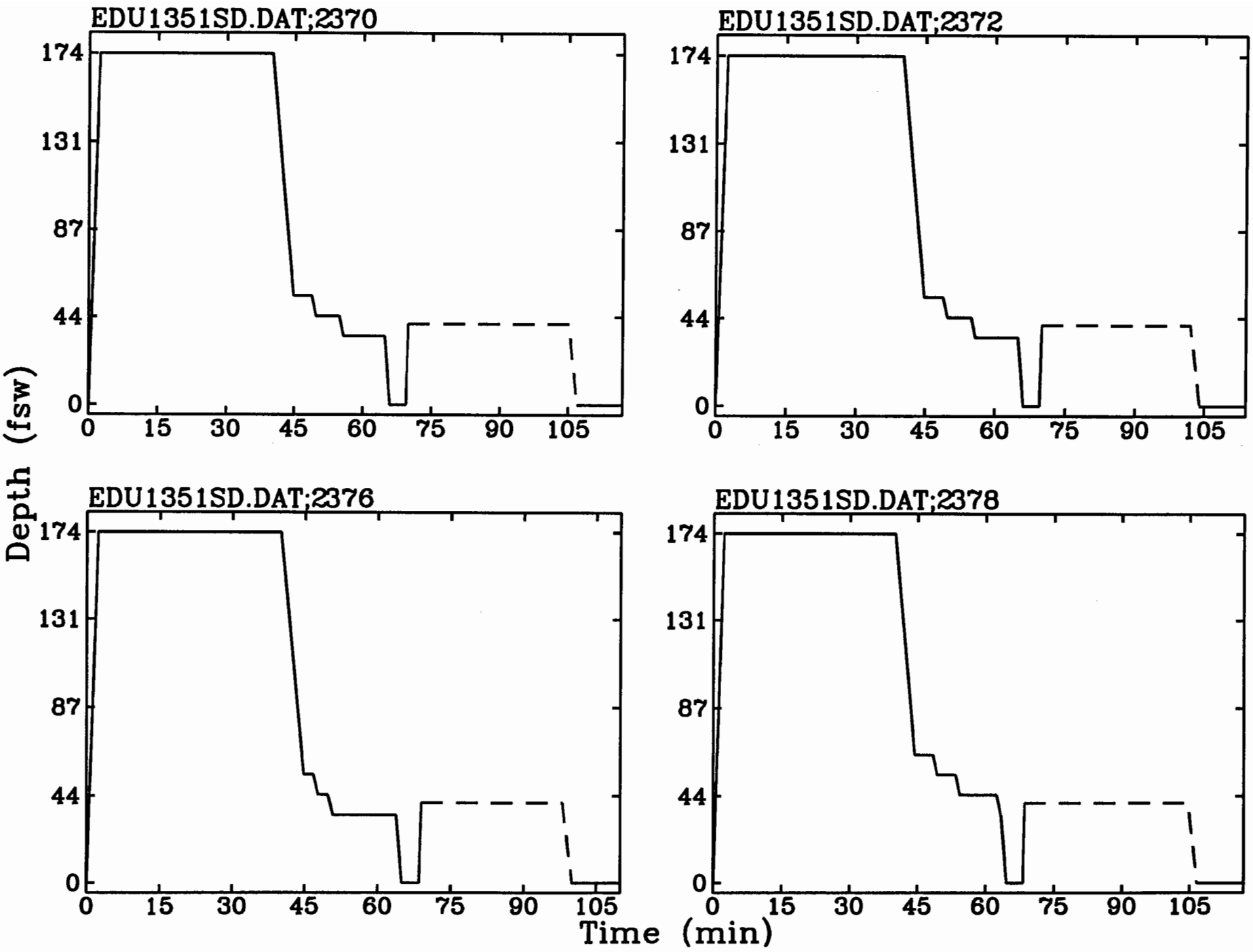

EDU1351SD.DAT;2319
EDU1351SD.DAT;2321
EDU1351SD.DAT;2324
EDU1351SD.DAT;2326
Depth (fsw)
164
123
82
41
0
0
30
60
90
120
0
15
30
45
60
75
90
105
Time (min)

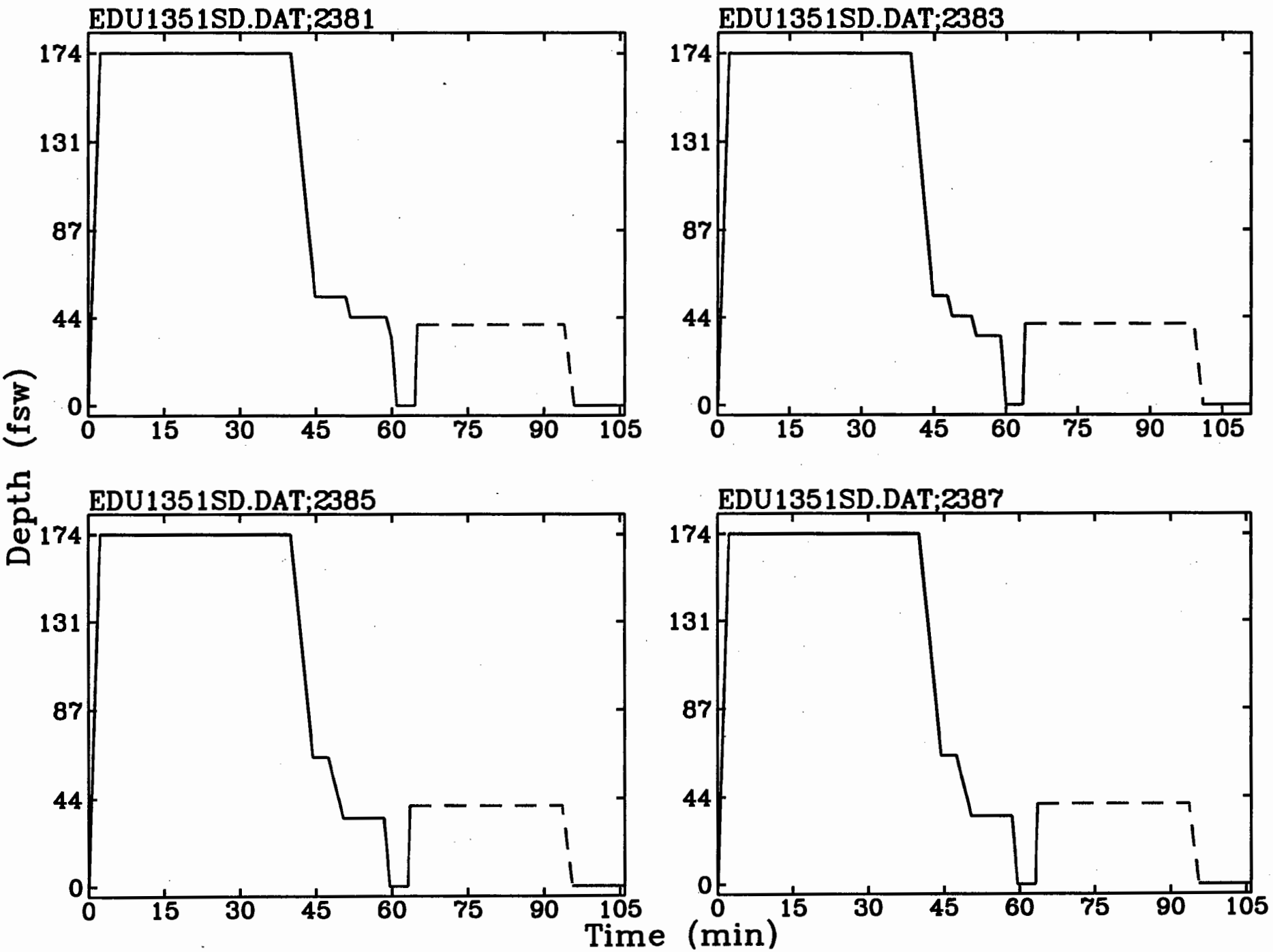

EDU1351SD.DAT;2328
EDU1351SD.DAT;2329
EDU1351SD.DAT;2330
EDU1351SD.DAT;2335
Depth (fsw)
164
123
82
41
0
0
30
60
90
120
0
15
30
45
60
75
90
Time (min)

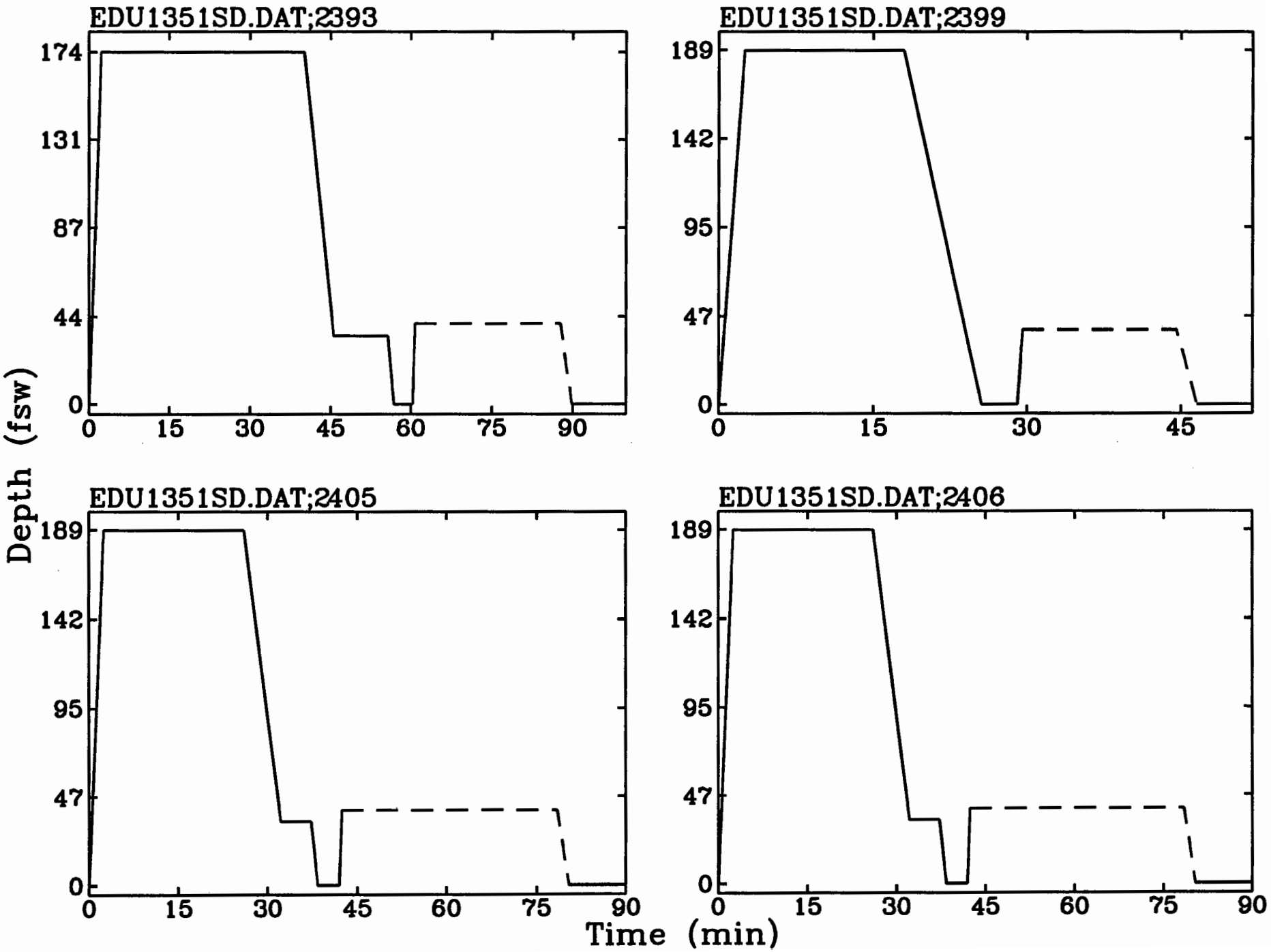

EDU1351SD.DAT;2337
EDU1351SD.DAT;2338
EDU1351SD.DAT;2342
EDU1351SD.DAT;2345
Depth (fsw)
Time (min)
164
123
82
41
0
174
131
87
44
0
15
30
45
60
75
90

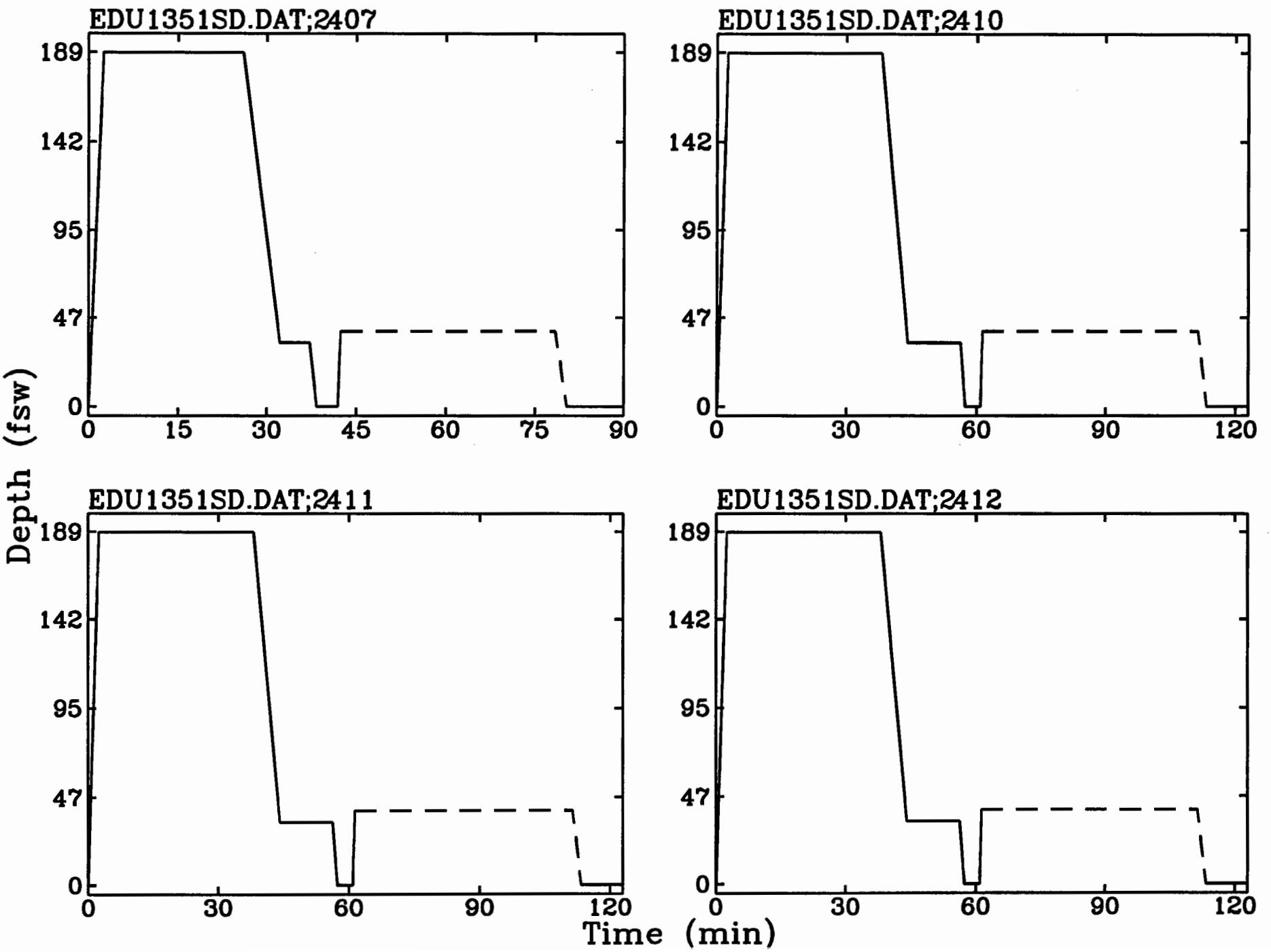

EDU1351SD.DAT;2346
EDU1351SD.DAT;2349
EDU1351SD.DAT;2351
EDU1351SD.DAT;2357
Depth (fsw)
Time (min)
174
131
87
44
0
0
15
30
45
60
75
90

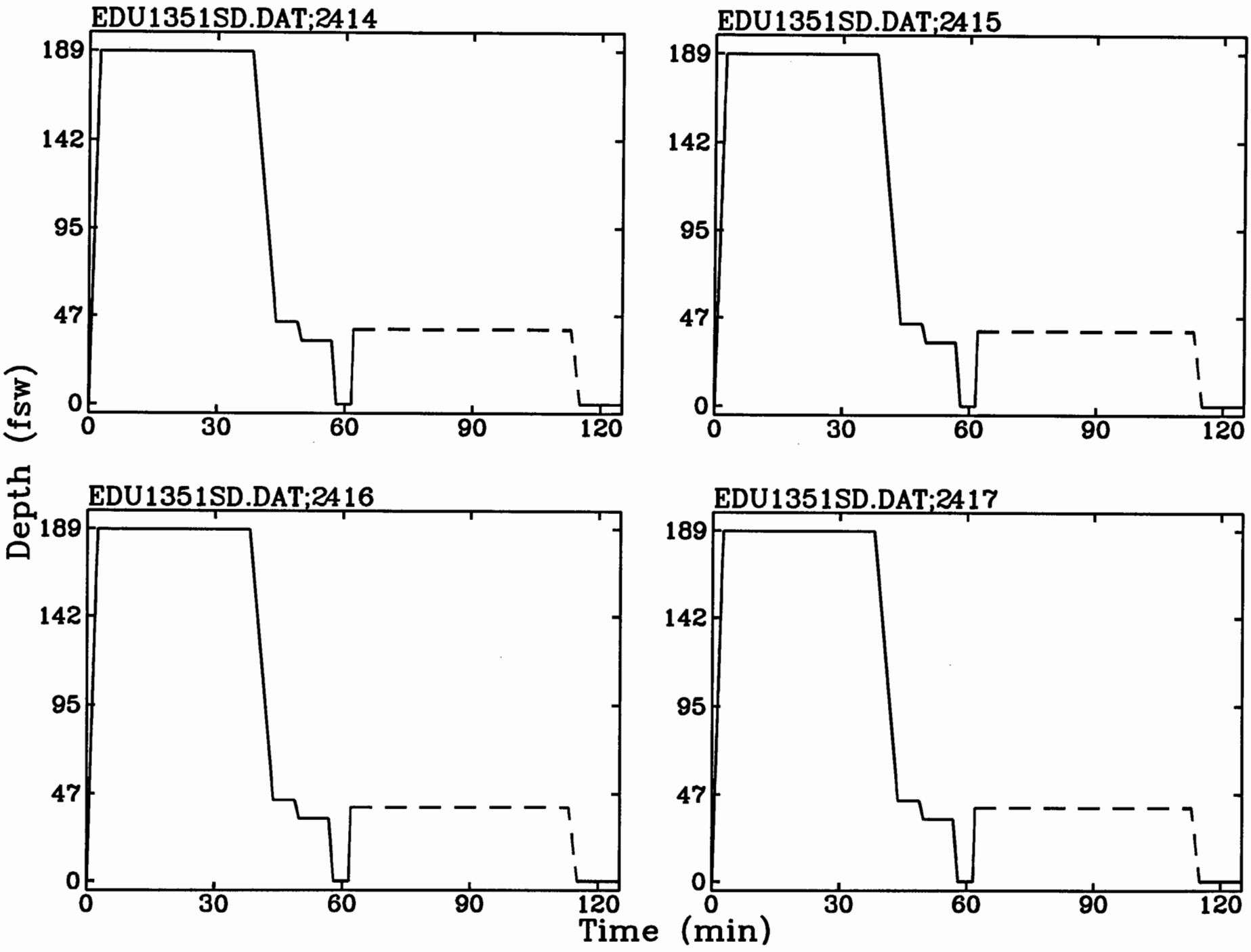

EDU1351SD.DAT;2358
EDU1351SD.DAT;2362
EDU1351SD.DAT;2366
EDU1351SD.DAT;2367
Depth (fsw)
Time (min)
174
131
87
44
0
0 15 30 45 60 75 90
0 30 60 90 120
0 30 60 90 120
0 15 30 45 60 75 90 105

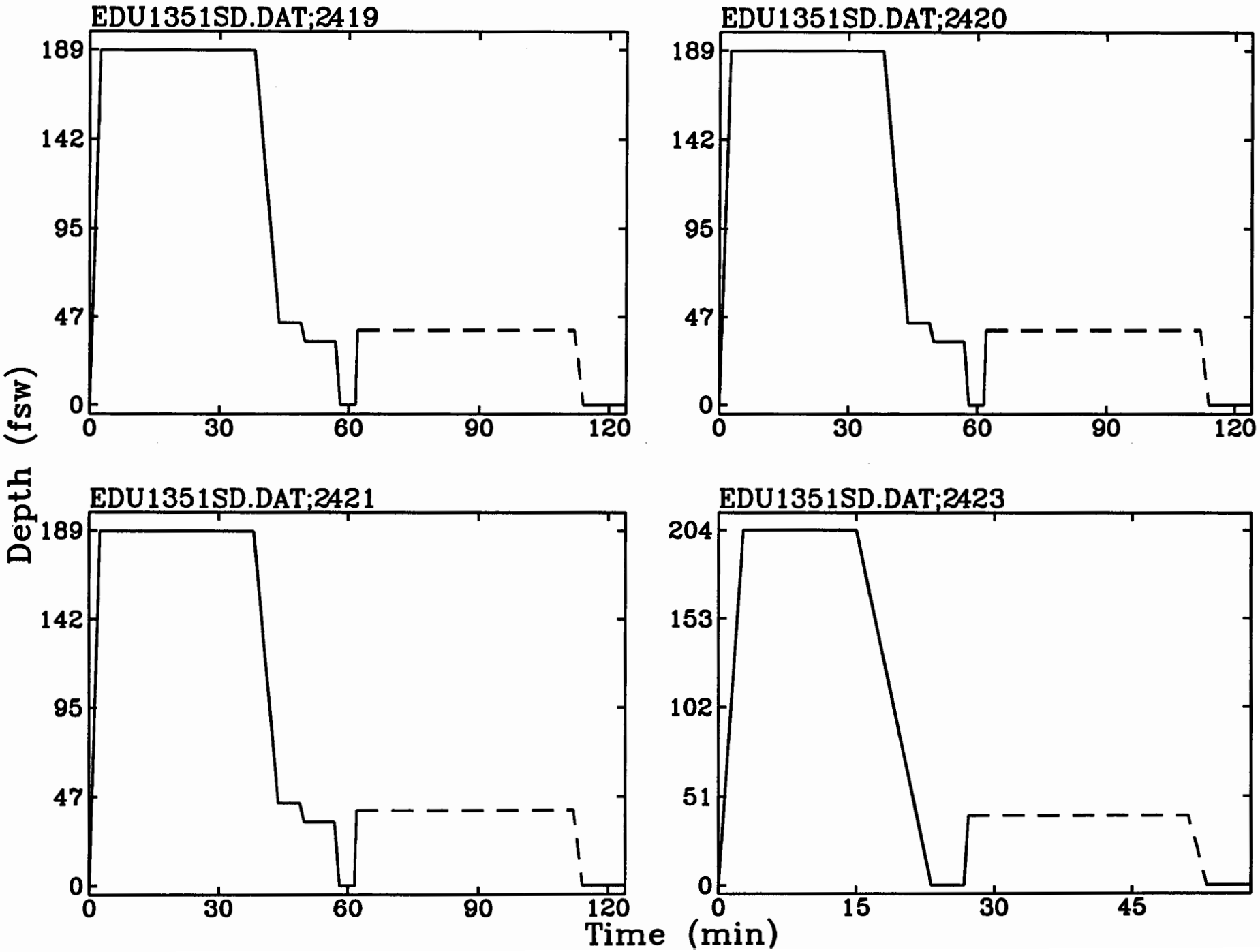

EDU1351SD.DAT;2370
EDU1351SD.DAT;2372
EDU1351SD.DAT;2376
EDU1351SD.DAT;2378
Depth (fsw)
Time (min)
174
131
87
44
0
0
15
30
45
60
75
90
105

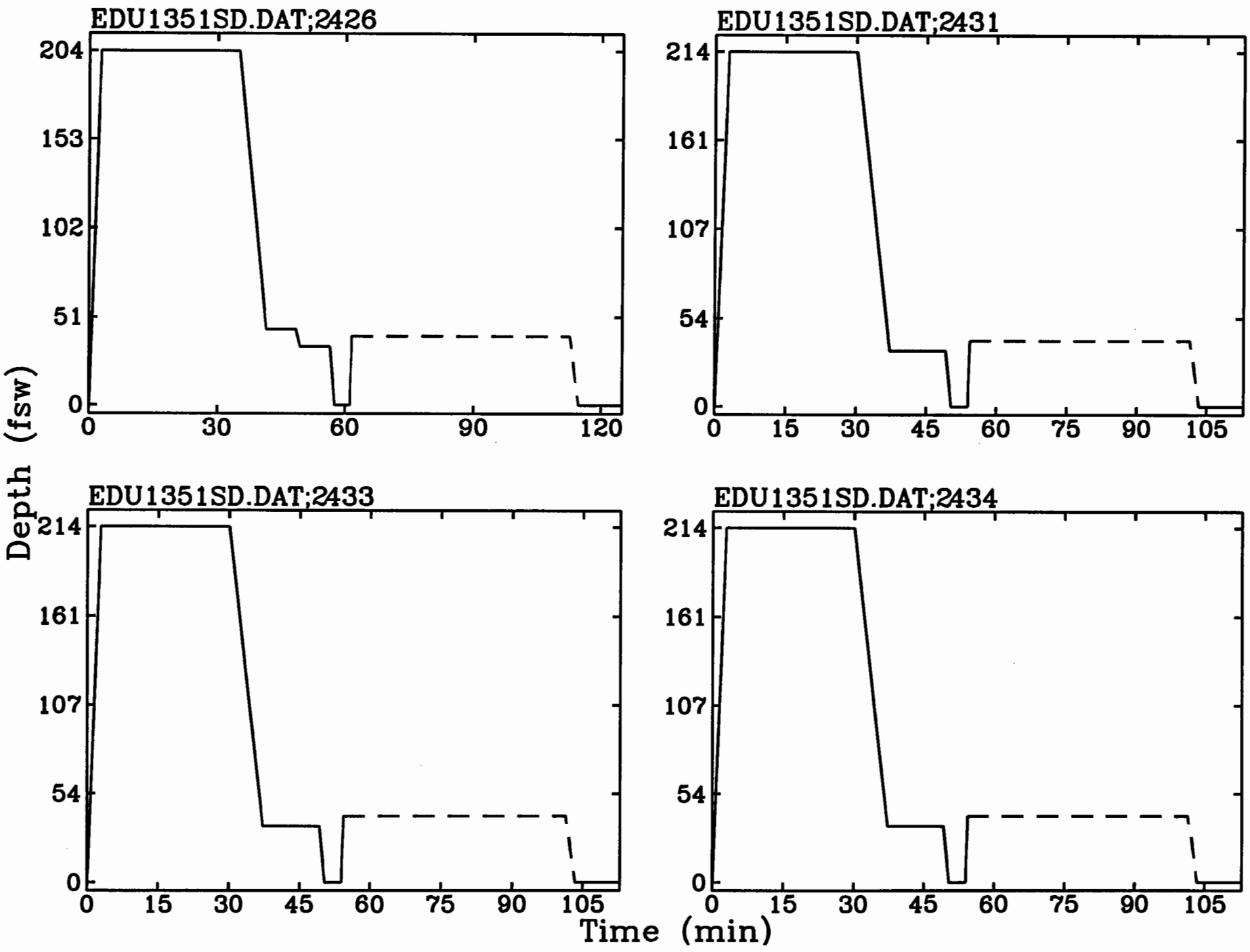

EDU1351SD.DAT;2381
EDU1351SD.DAT;2383
EDU1351SD.DAT;2385
EDU1351SD.DAT;2387
Depth (fsw)
Time (min)
174
131
87
44
0
0
15
30
45
60
75
90
105

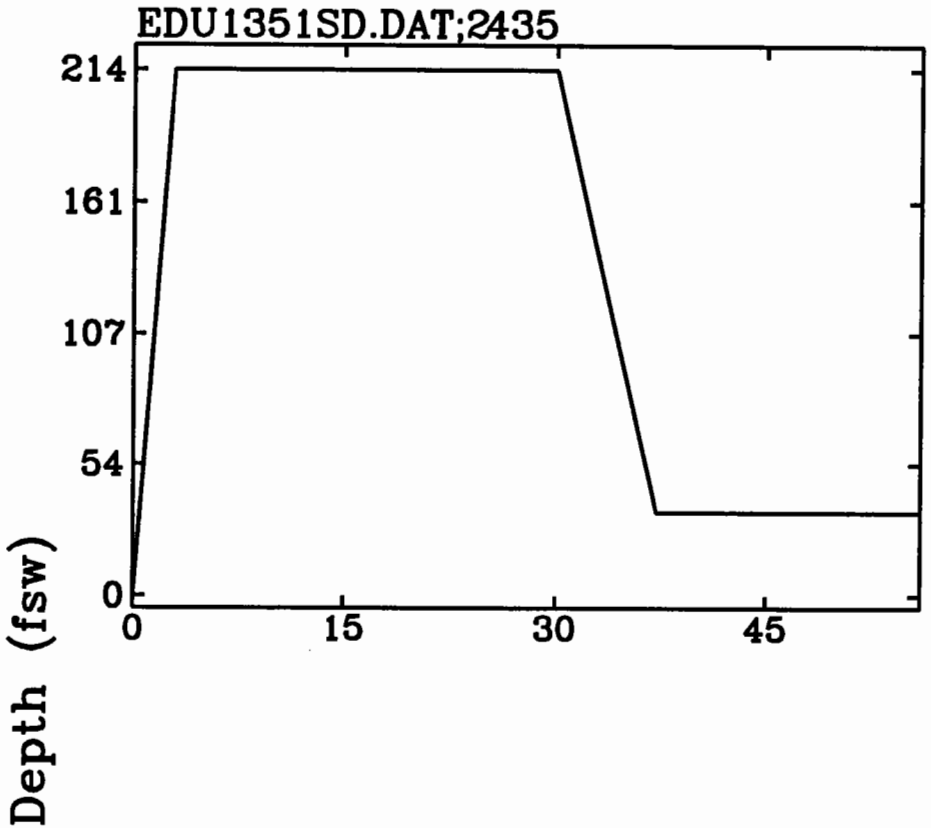

EDU1351SD.DAT;2393
174
131
87
44
0
0
15
30
45
60
75
90
EDU1351SD.DAT;2399
189
142
95
47
0
0
15
30
45
EDU1351SD.DAT;2405
189
142
95
47
0
0
15
30
45
60
75
90
EDU1351SD.DAT;2406
189
142
95
47
0
0
15
30
45
60
75
90
Depth (fsw)
Time (min)


EDU1351SD.DAT;2407
EDU1351SD.DAT;2410
EDU1351SD.DAT;2411
EDU1351SD.DAT;2412
Depth (fsw)
Time (min)
189
142
95
47
0
0
15
30
45
60
75
90
120


EDU1351SD.DAT;2414
EDU1351SD.DAT;2415
EDU1351SD.DAT;2416
EDU1351SD.DAT;2417
189
142
95
47
0
0
30
60
90
120
Depth (fsw)
Time (min)


EDU1351SD.DAT;2419
EDU1351SD.DAT;2420
EDU1351SD.DAT;2421
EDU1351SD.DAT;2423
Depth (fsw)
Time (min)
189
142
95
47
0
204
153
102
51
0
30
60
90
120
15
45


EDU1351SD.DAT;2426
204
153
102
51
0
0
30
60
90
120
EDU1351SD.DAT;2431
214
161
107
54
0
0
15
30
45
60
75
90
105
EDU1351SD.DAT;2433
214
161
107
54
0
0
15
30
45
60
75
90
105
EDU1351SD.DAT;2434
214
161
107
54
0
0
15
30
45
60
75
90
105
Depth (fsw)
Time (min)


EDU1351SD.DAT;2435
214
161
107
54
0
0
15
30
45
Depth (fsw)
Time (min)

SECTION IX: SURFACE DECOMPRESSION (OXYGEN)

B. DC8ASUR & DC8ASURW 358 dives; 10 DCS, 1 Marginal

Profile #9

147.6, 40.0, 62.1,
1.0, 1, 1.0, 132.0, 230.0,
0.00, 0.0,
2.80, 147.6,
40.00, 147.6,
42.00, 49.2,
45.00, 49.2,
45.20, 39.4,
50.00, 39.4,
50.30, 29.5,
52.40, 29.5, 2.9800, 1.0
57.10, 29.5,
59.10, 0.0, 1.0000, 1.0
63.00, 0.0, 2.9800, 1.0
64.10, 39.4,
90.10, 39.4,
102.10, 0.0, 1.0000, 1.0
1542.10, 0.0,

Profile #26

147.6, 40.0, 63.2,
1.0, 1, 1.0, 53.6, 59.6,
0.00, 0.0,
2.50, 147.6,
40.00, 147.6,
42.00, 50.2,
43.90, 50.2,
44.90, 39.4,
49.20, 39.4,
49.60, 29.5, 2.9800, 1.0
53.60, 29.5,
55.70, 0.0, 1.0000, 1.0
59.60, 0.0, 2.9800, 1.0
60.90, 39.4,
100.00, 39.4,
102.30, 0.0,
103.20, 0.0, 1.0000, 1.0
1543.20, 0,

Profile #34

177.2, 30.0, 69.1,
1.0, 1, 1.0, 219.0, 1200.0,
0.00, 0.0,
3.10, 177.2,
30.00, 177.2,
33.10, 49.2,
36.90, 49.2,
37.20, 39.4,
42.10, 39.4,
42.60, 29.5, 2.9800, 1.0
46.10, 29.5,
48.10, 0.0, 1.0000, 1.0
52.10, 0.0, 2.9800, 1.0
53.10, 39.4,
96.10, 39.4,
99.10, 0.0, 1.0000, 1.0
1539.10, 0.0,

Profile #36

147.6, 40.0, 67.0,
1.0, 1, 1.0, 227.0, 1247.0,
0.00, 0.0,
2.50, 147.6,
40.00, 147.6,
42.10, 49.2,
43.00, 49.2,
44.00, 39.4,
49.00, 39.4,
49.70, 29.5, 2.9800, 1.0
53.00, 29.5,
55.00, 0.0, 1.0000, 1.0
59.00, 0.0, 2.9800, 1.0
60.00, 39.4,
104.00, 39.4,
107.00, 0.0, 1.0000, 1.0
1547.00, 0.0,

Profiles #42 - #50 on following page.

Profile #59

118.1, 50.0, 67.9,
1.0, 1, 1.0, 127.0, 147.0,
0.00, 0.0,
2.60, 118.1,
50.00, 118.1,
52.30, 39.4,
53.70, 39.4,
54.20, 29.5,
60.70, 29.5,
62.20, 0.0,
66.70, 0.0, 2.9800, 1.0
67.70, 39.4,
97.90, 39.4, 1.0000, 1.0
102.90, 39.4, 2.9800, 1.0
115.00, 39.4,
117.00, 0.0, 1.0000, 1.0
1557.00, 0,

Profile #60

118.1, 50.0, 67.9,
1.0, 1, 1.0, 237.0, 1557.9,
0.00, 0.0,
2.60, 118.1,
50.00, 118.1,
52.30, 39.4,
53.70, 39.4,
54.20, 29.5,
60.70, 29.5,
62.20, 0.0,
66.70, 0.0, 2.9800, 1.0
67.70, 39.4,
97.90, 39.4, 1.0000, 1.0
102.90, 39.4, 2.9800, 1.0
115.00, 39.4,
117.00, 0.0, 1.0000, 1.0
1557.00, 0,

Profile #61

118.1, 50.0, 67.9,
1.0, 1, 0.5, 237.0, 1557.9,
0.00, 0.0,
2.60, 118.1,
50.00, 118.1,
52.30, 39.4,
53.70, 39.4,
54.20, 29.5,
60.70, 29.5,
62.20, 0.0,
66.70, 0.0, 2.9800, 1.0
67.70, 39.4,
97.90, 39.4, 1.0000, 1.0
102.90, 39.4, 2.9800, 1.0
115.00, 39.4,
117.00, 0.0, 1.0000, 1.0
1557.00, 0,

Profile #42

177.2, 45.0, 121.5,
1.0, 1, 1.0, 164.0, 186.5
0.00, 0.0,
4.00, 177.2,
45.00, 177.2,
47.00, 68.9,
48.00, 68.9,
48.30, 59.1,
52.10, 59.1,
52.50, 49.2,
57.30, 49.2,
57.70, 39.4,
64.10, 39.4,
64.20, 29.5, 2.9800, 1.0
74.00, 29.5,
76.00, 0.0, 1.0000, 1.0
80.00, 0.0, 2.9800, 1.0
81.00, 39.4,
111.00, 39.4, 1.0000, 1.0
116.00, 39.4, 2.9800, 1.0
146.00, 39.4, 1.0000, 1.0
151.00, 39.4, 2.9800, 1.0
164.00, 39.4,
166.50, 0.0, 1.0000, 1.0
1606.50, 0.0,

Profile #47

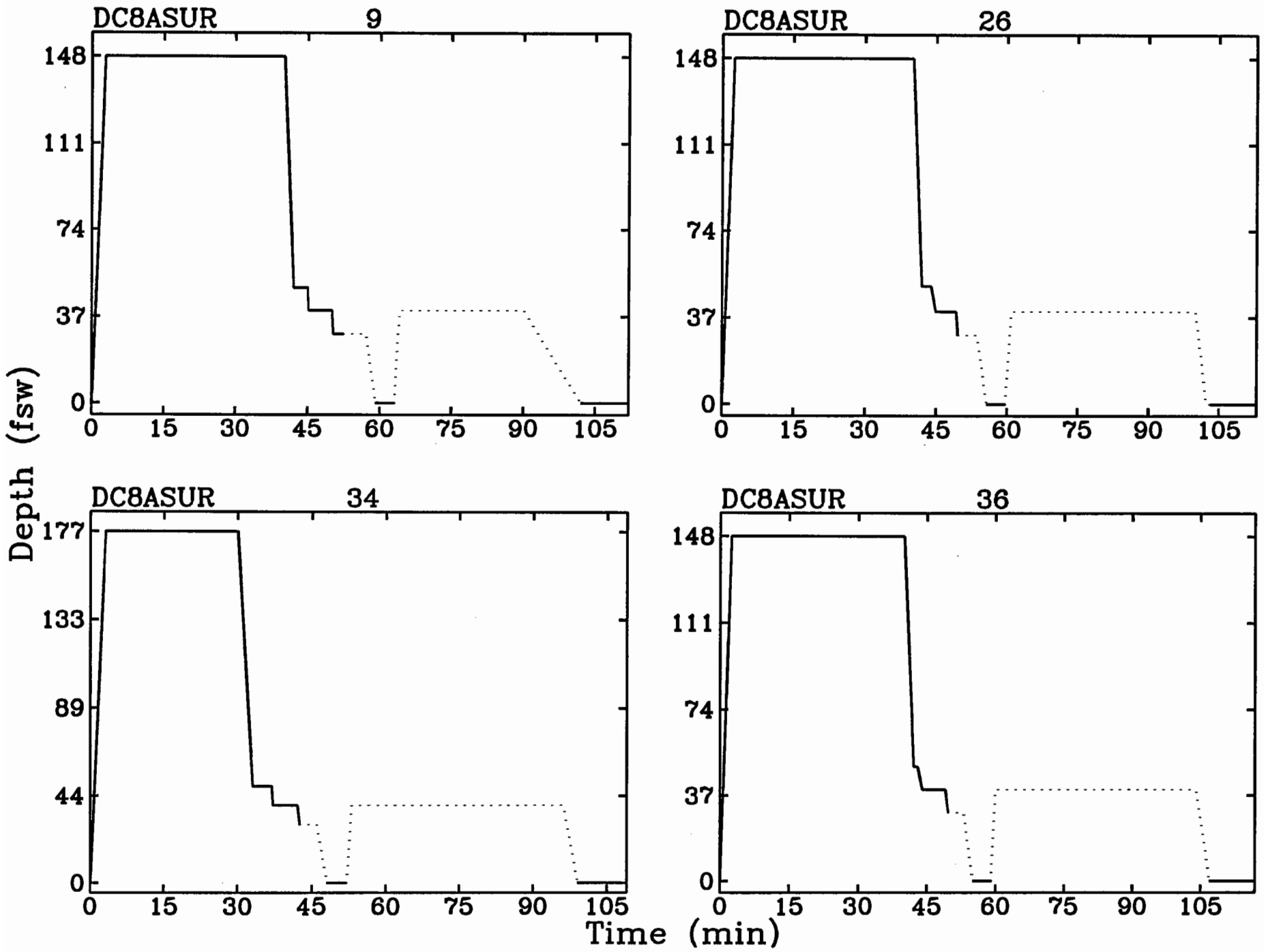
236.2, 40.0, 175.9,
1.0, 1, 1.0, 91.6, 97.6,
0.00, 0.0,
7.10, 236.2,
40.00, 236.2,
42.50, 98.4,
42.60, 98.4,
43.00, 88.6,
45.30, 88.6,
45.60, 78.7,
48.40, 78.7,
48.50, 68.9,
52.20, 68.9,
52.40, 59.1,
57.20, 59.1,
57.30, 49.2,
63.60, 49.2,
64.00, 39.4,
73.50, 39.4,
73.70, 29.5, 2.9800, 1.0
91.60, 29.5,
93.50, 0.0, 1.0000, 1.0
97.60, 0.0, 2.9800, 1.0
98.60, 39.4,
128.00, 39.4, 1.0000, 1.0
133.00, 39.4, 2.9800, 1.0
163.60, 39.4, 1.0000, 1.0
168.60, 39.4, 2.9800, 1.0
196.60, 39.4, 1.0000, 1.0
201.60, 39.4, 2.9800, 1.0
213.00, 39.4,
215.90, 0.0, 1.0000, 1.0
1655.90, 0.0,

Profile #49

236.2, 40.0, 162.0,
1.0, 1, 1.0, 199.5, 207.0,
0.00, 0.0,
10.40, 236.2,
40.00, 236.2,
43.00, 88.6,
45.00, 88.6,
45.20, 78.7,
48.00, 78.7,
48.20, 68.9,
51.70, 68.9,
52.00, 59.1,
56.70, 59.1,
56.90, 49.2,
62.90, 49.2,
63.20, 39.4,
71.30, 39.4,
71.70, 29.5, 2.9800, 1.0
88.90, 29.5,
90.90, 0.0, 1.0000, 1.0
94.90, 0.0, 2.9800, 1.0
95.90, 39.4,
126.00, 39.4, 1.0000, 1.0
131.00, 39.4, 2.9800, 1.0
161.00, 39.4, 1.0000, 1.0
166.00, 39.4, 2.9800, 1.0
196.00, 39.4, 1.0000, 1.0
199.00, 39.4, 2.9800, 1.0
199.50, 39.4,
202.00, 0.0, 1.0000, 1.0
1642.00, 0.0,

Profile #50

236.2, 40.0, 162.0,
1.0, 1, 1.0, 322.0, 1042.0,
0.00, 0.0,
10.40, 236.2,
40.00, 236.2,
43.00, 88.6,
45.00, 88.6,
45.20, 78.7,
48.00, 78.7,
48.20, 68.9,
51.70, 68.9,
52.00, 59.1,
56.70, 59.1,
56.90, 49.2,
62.90, 49.2,
63.20, 39.4,
71.30, 39.4,
71.70, 29.5, 2.9800, 1.0
88.90, 29.5,
90.90, 0.0, 1.0000, 1.0
94.90, 0.0, 2.9800, 1.0
95.90, 39.4,
126.00, 39.4, 1.0000, 1.0
131.00, 39.4, 2.9800, 1.0
161.00, 39.4, 1.0000, 1.0
166.00, 39.4, 2.9800, 1.0
196.00, 39.4, 1.0000, 1.0
199.00, 39.4, 2.9800, 1.0
199.50, 39.4,
202.00, 0.0, 1.0000, 1.0
1642.00, 0.0,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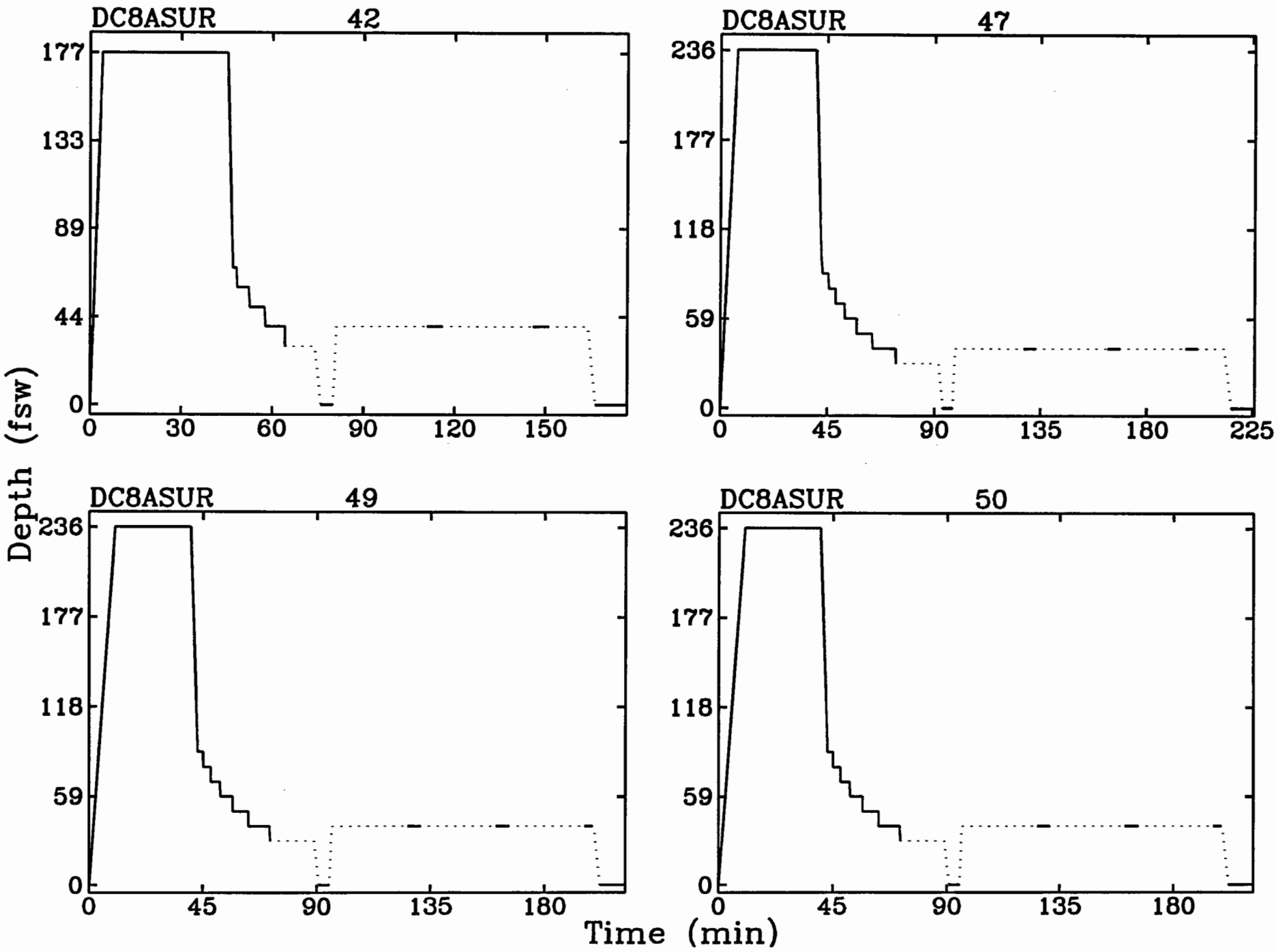
148
111
74
37
0
0 15 30 45 60 75 90 105
DC8ASUR 26
148
111
74
37
0
0 15 30 45 60 75 90 105
Depth (fsw)
DC8ASUR 34
177
133
89
44
0
0 15 30 45 60 75 90 105
DC8ASUR 36
148
111
74
37
0
0 15 30 45 60 75 90 105
Time (min)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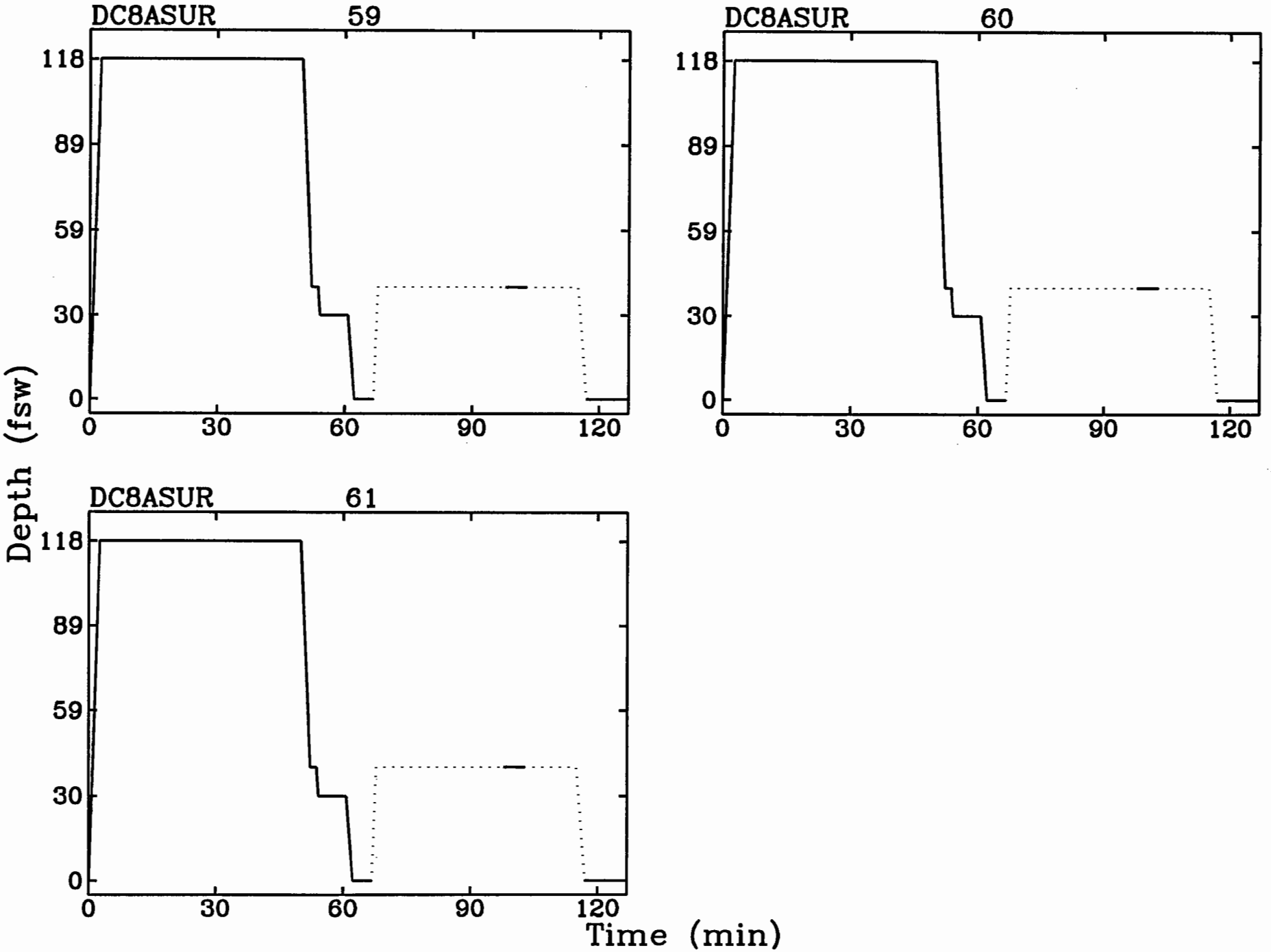
133
89
44
0
0 30 60 90 120 150
DC8ASUR 47
236
177
118
59
0
0 45 90 135 180 225
DC8ASUR 49
236
177
118
59
0
0 45 90 135 180
DC8ASUR 50
236
177
118
59
0
0 45 90 135 180
Depth (fsw)
Time (min)


DC8ASUR 59
DC8ASUR 60
DC8ASUR 61
118
89
59
30
0
0
30
60
90
120
Depth (fsw)
Time (min)

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SECTION IX: SURFACE DECOMPRESSION (OXYGEN)

C. DCSUREP & DCSUREPW — 69 dives; 1 DCS, 0 Marginal

Profile #9

```
177.2,   30.0,  290.3,
  1.0,  1, 1.0, 49.0, 54.6,
   0.00,    0.0,
   5.40,  177.2,
  30.00,  177.2,
  32.20,   59.1,
  32.50,   59.1,
  32.80,   49.2,
  36.40,   49.2,
  36.80,   39.4,
  41.70,   39.4,
  42.20,   29.5,
  49.00,   29.5,
  51.00,    0.0,
  54.60,    0.0,  2.9800,    1.0
  56.00,   39.4,
  86.10,   39.4,  1.0000,    1.0
  91.90,   39.4,  2.9800,    1.0
 105.20,   39.4,
 107.60,    0.0,  1.0000,    1.0
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 292.40,   59.1,
 317.00,   59.1,
 320.30,    0.0,
1760.30,    0,
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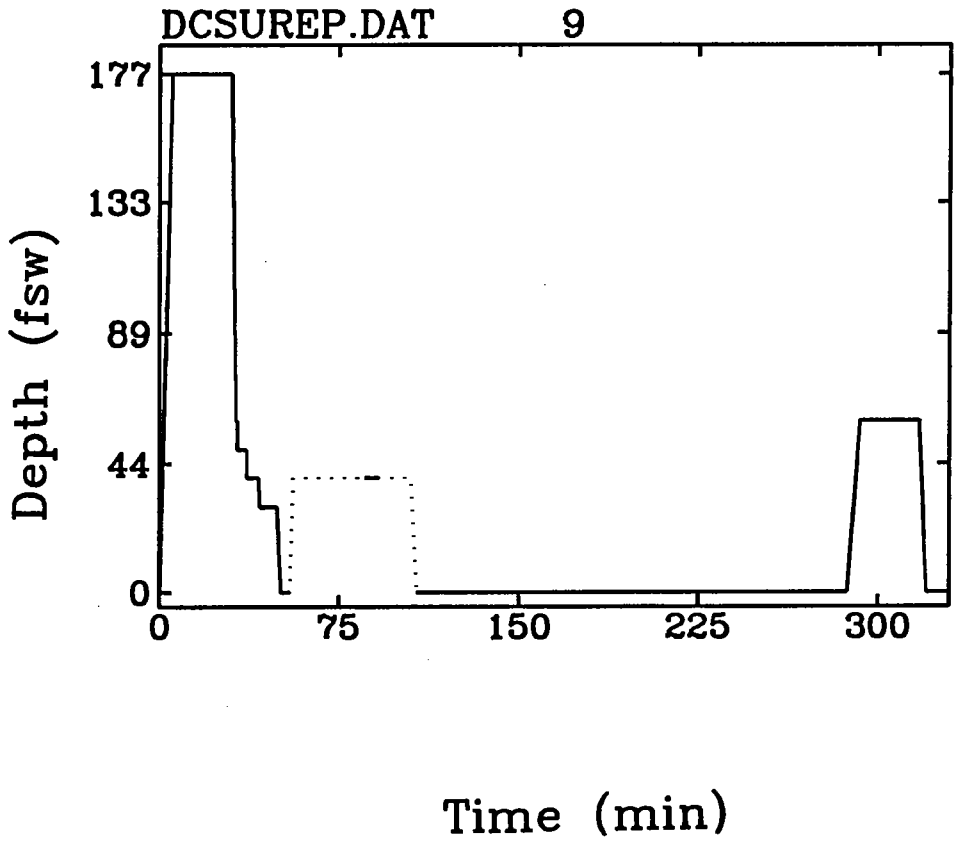

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