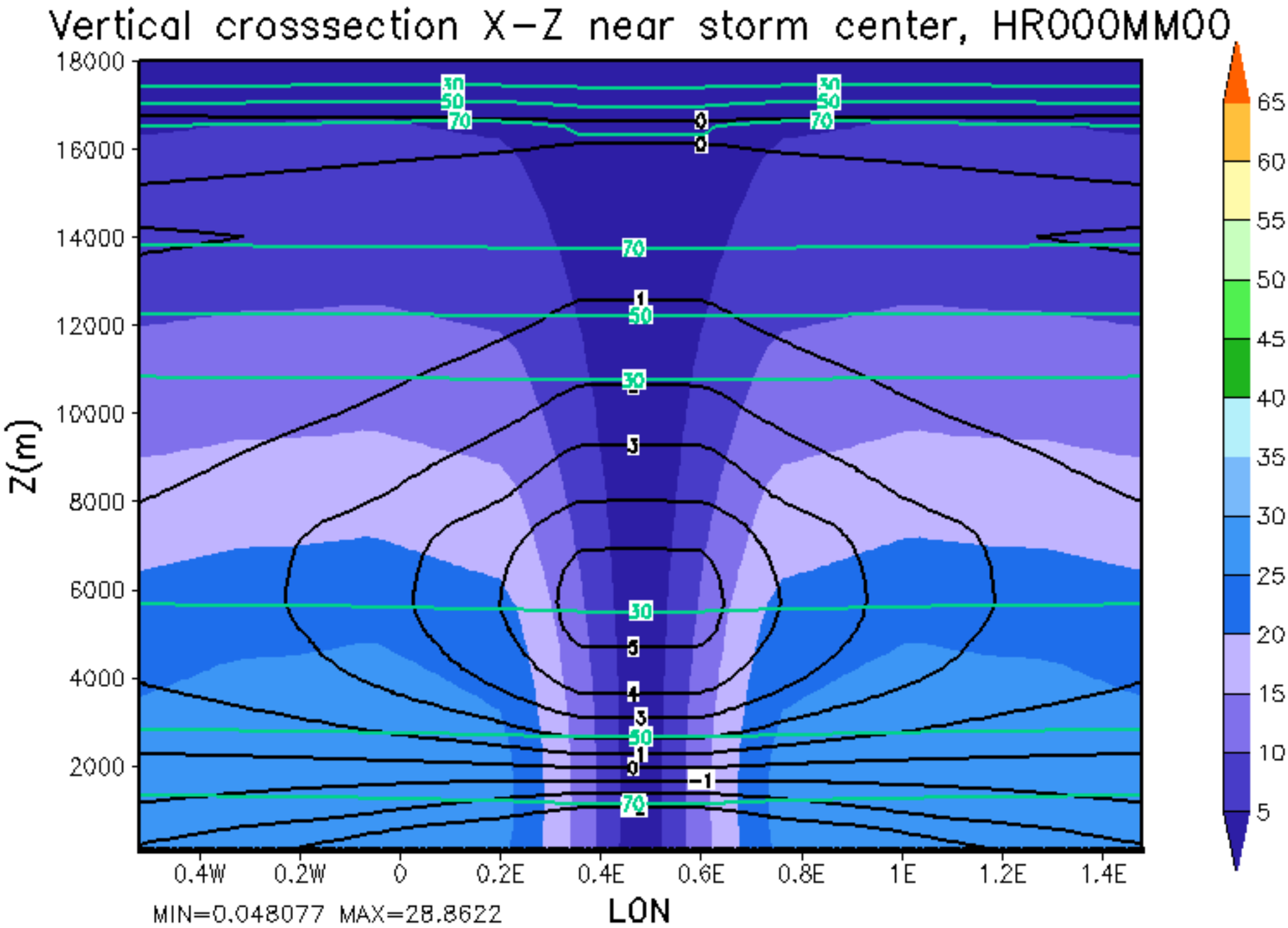
Vertical crosssection X-Z near storm center, HR000MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
1.4E
LON
MIN=0.048077 MAX=28.8622
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60
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50
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40
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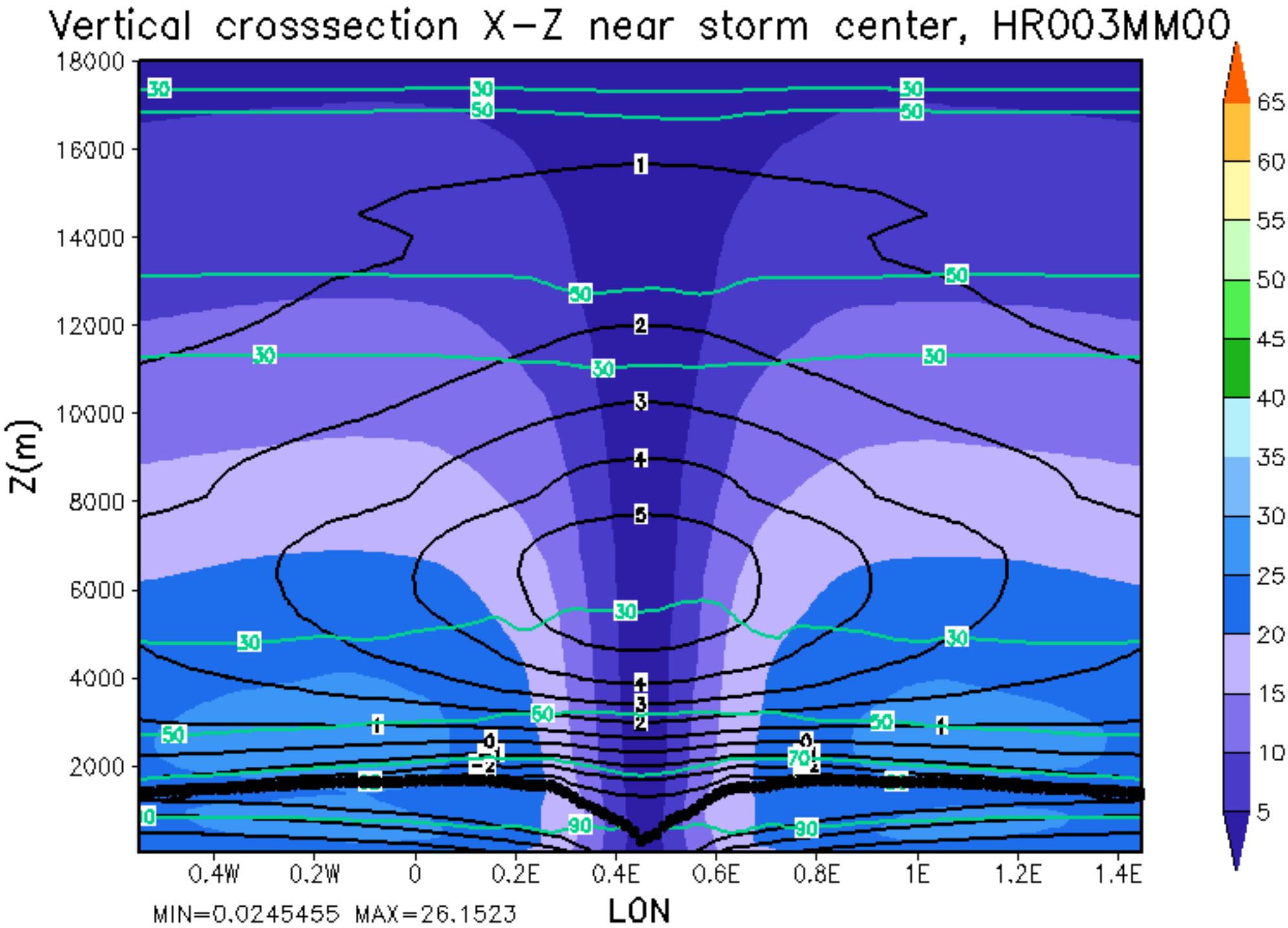
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR003MM00
Z(m)
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16000
14000
12000
10000
8000
6000
4000
2000
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
1.4E
LON
MIN=0.0245455 MAX=26.1523
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60
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50
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40
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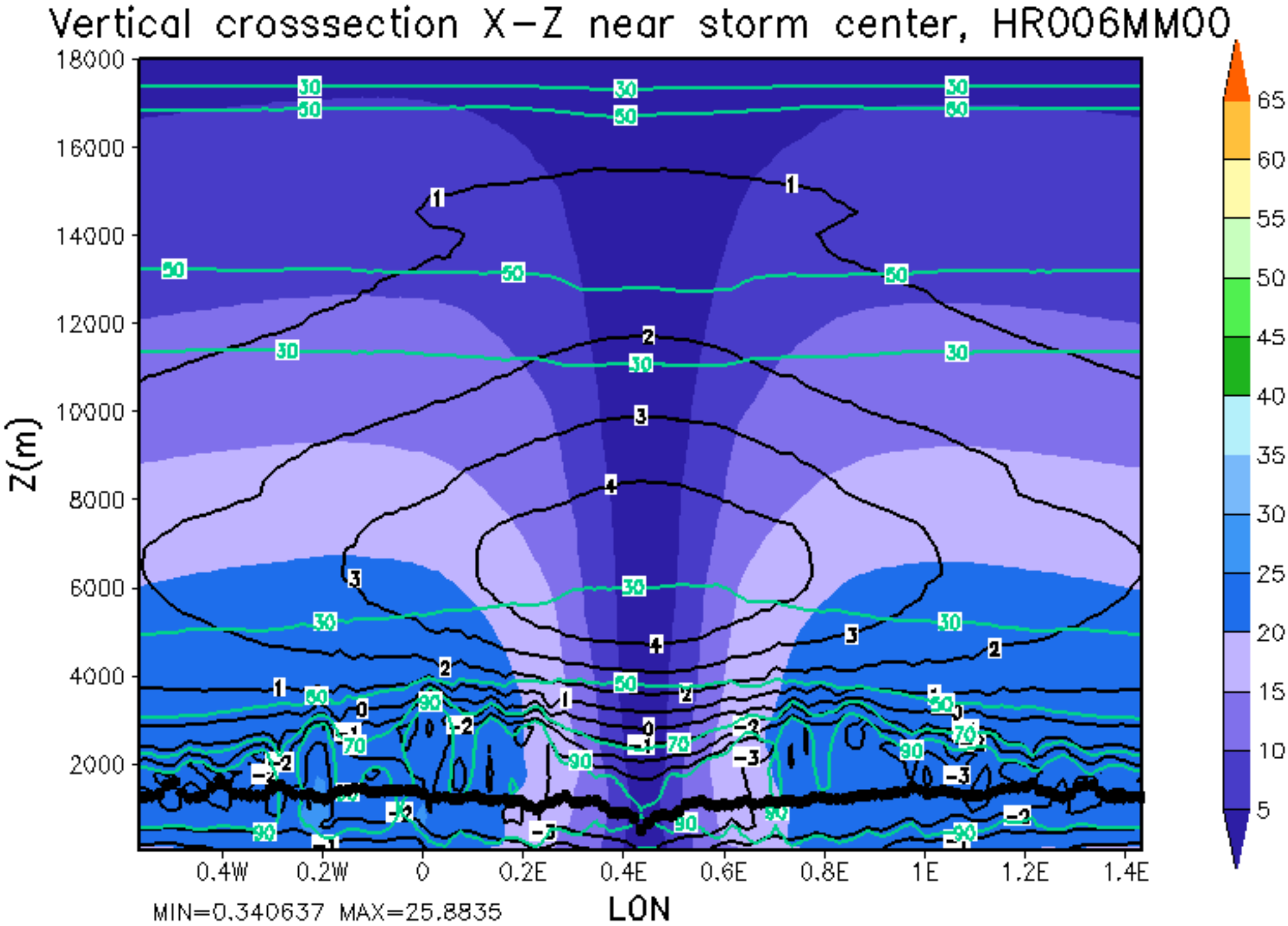
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR006MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
1.4E
LON
MIN=0.340637 MAX=25.8835
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60
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50
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40
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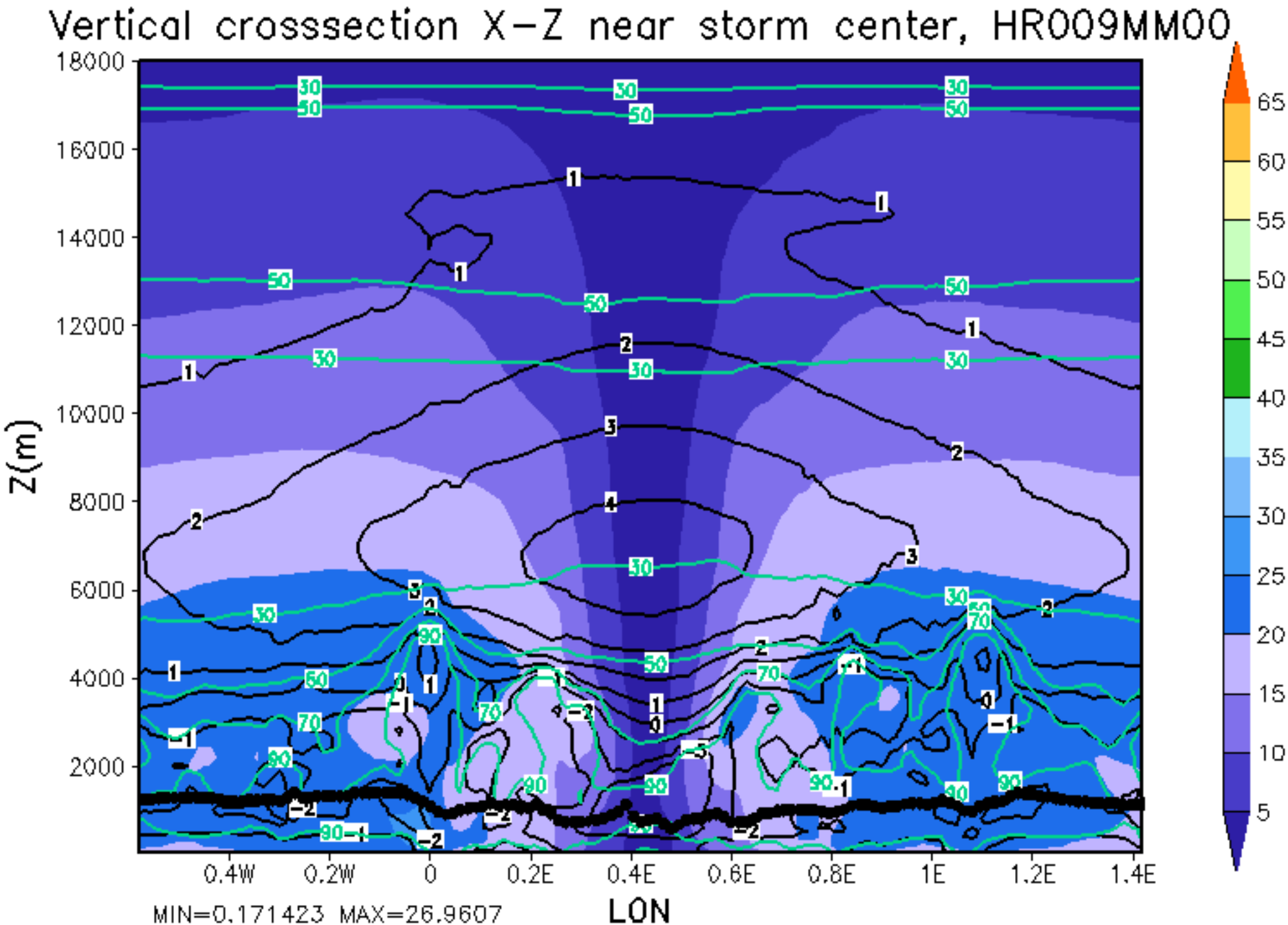
30
25
20
15
10
5


Vertical crosssection X−Z near storm center, HR009MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
1.4E
LON
MIN=0.171423 MAX=26.9607
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60
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50
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40
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30
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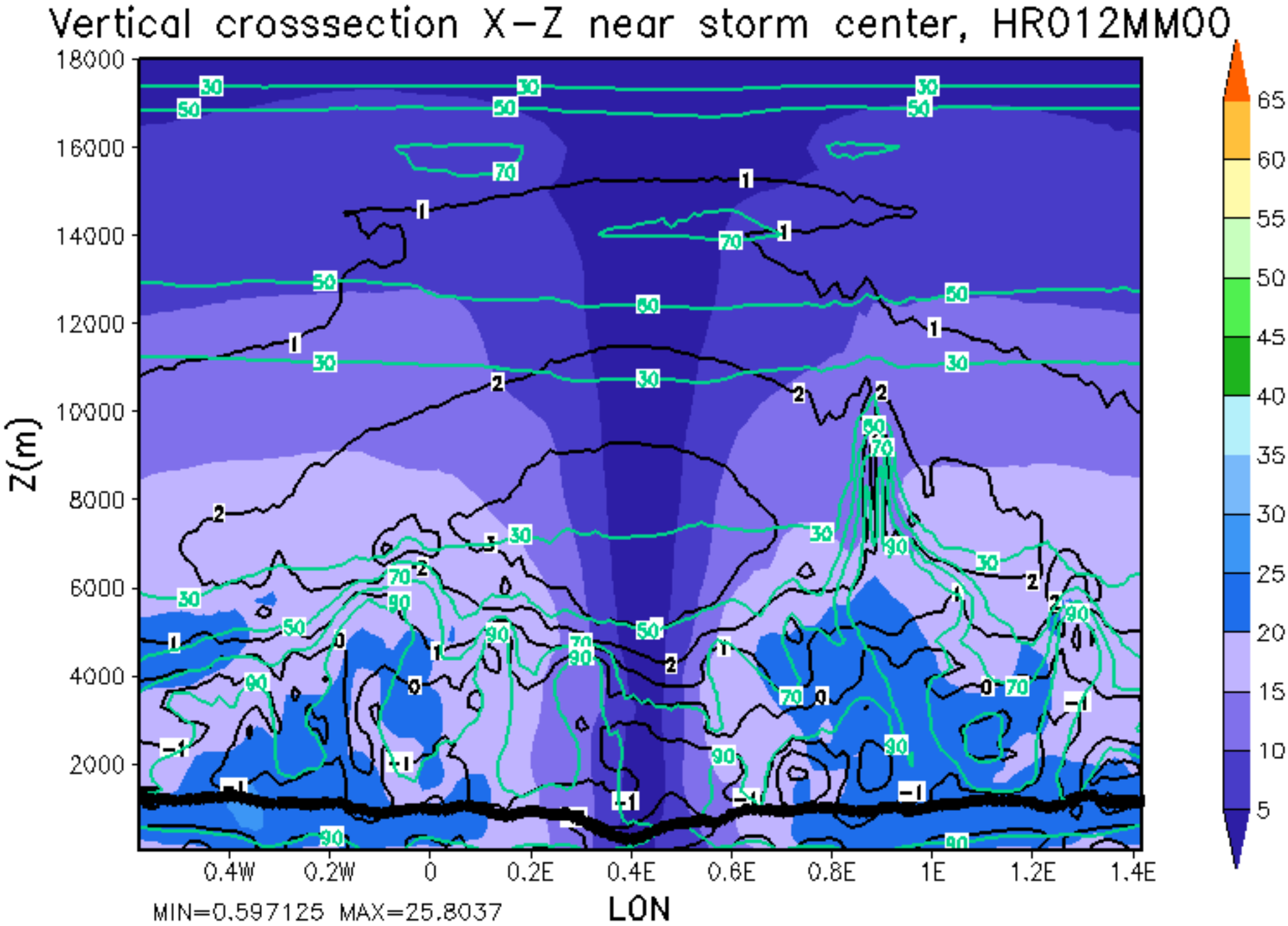
20
15
10
5


Vertical crosssection X-Z near storm center, HR012MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
1.4E
LON
MIN=0.597125 MAX=25.8037
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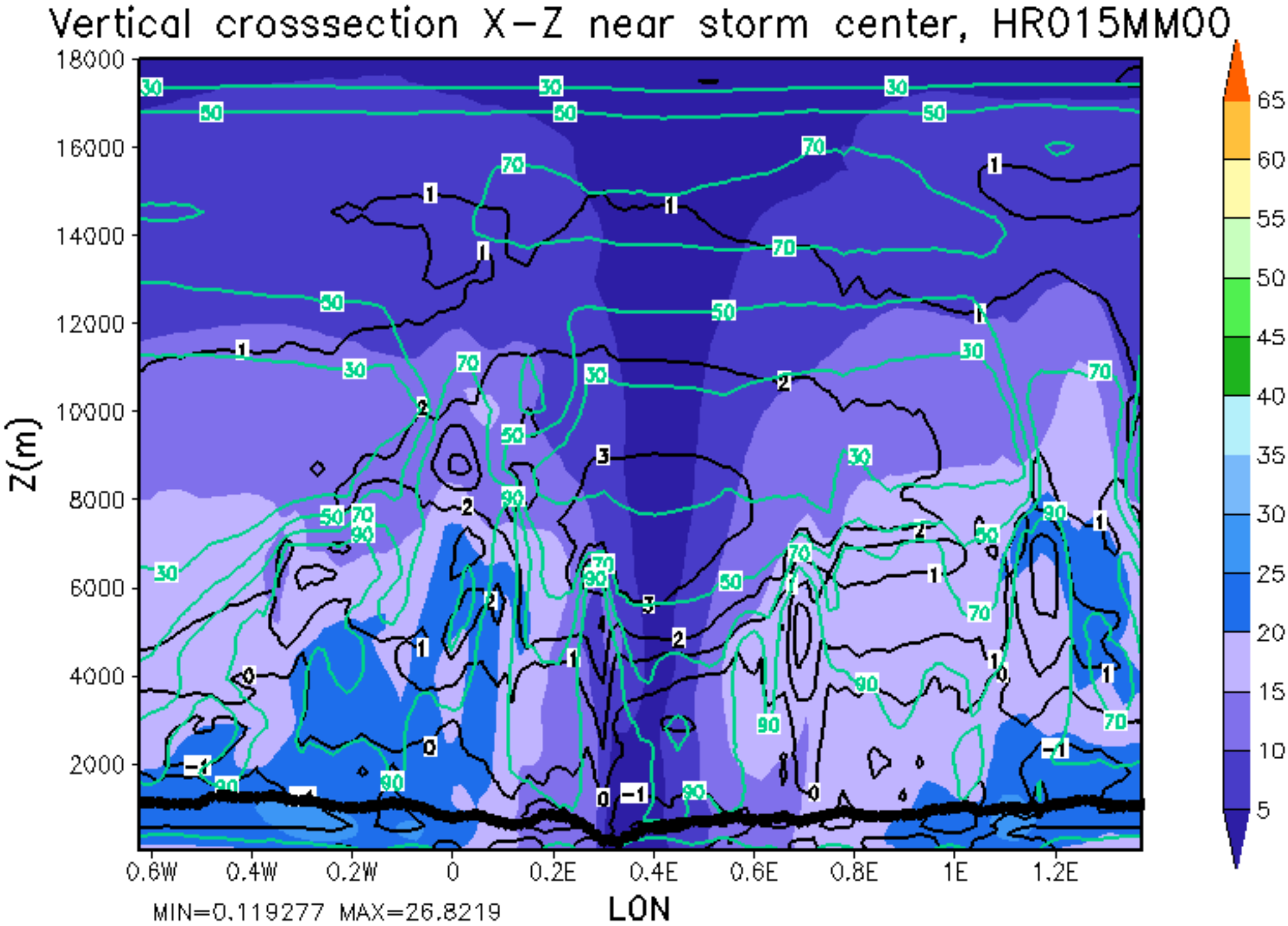
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR015MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.119277 MAX=26.8219
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60
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50
45
40
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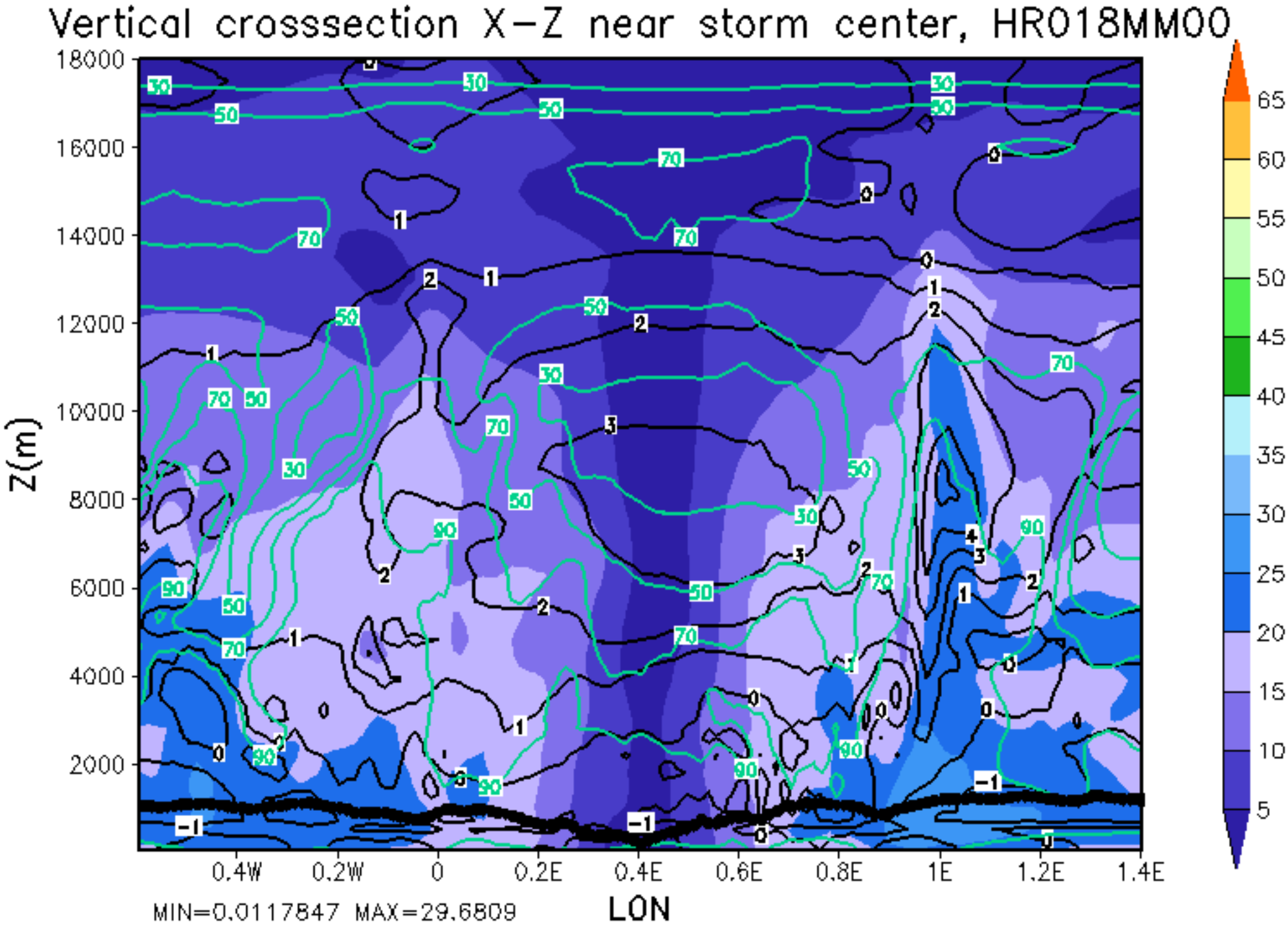
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR018MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
1.4E
LON
MIN=0.0117847 MAX=29.6809
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60
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50
45
40
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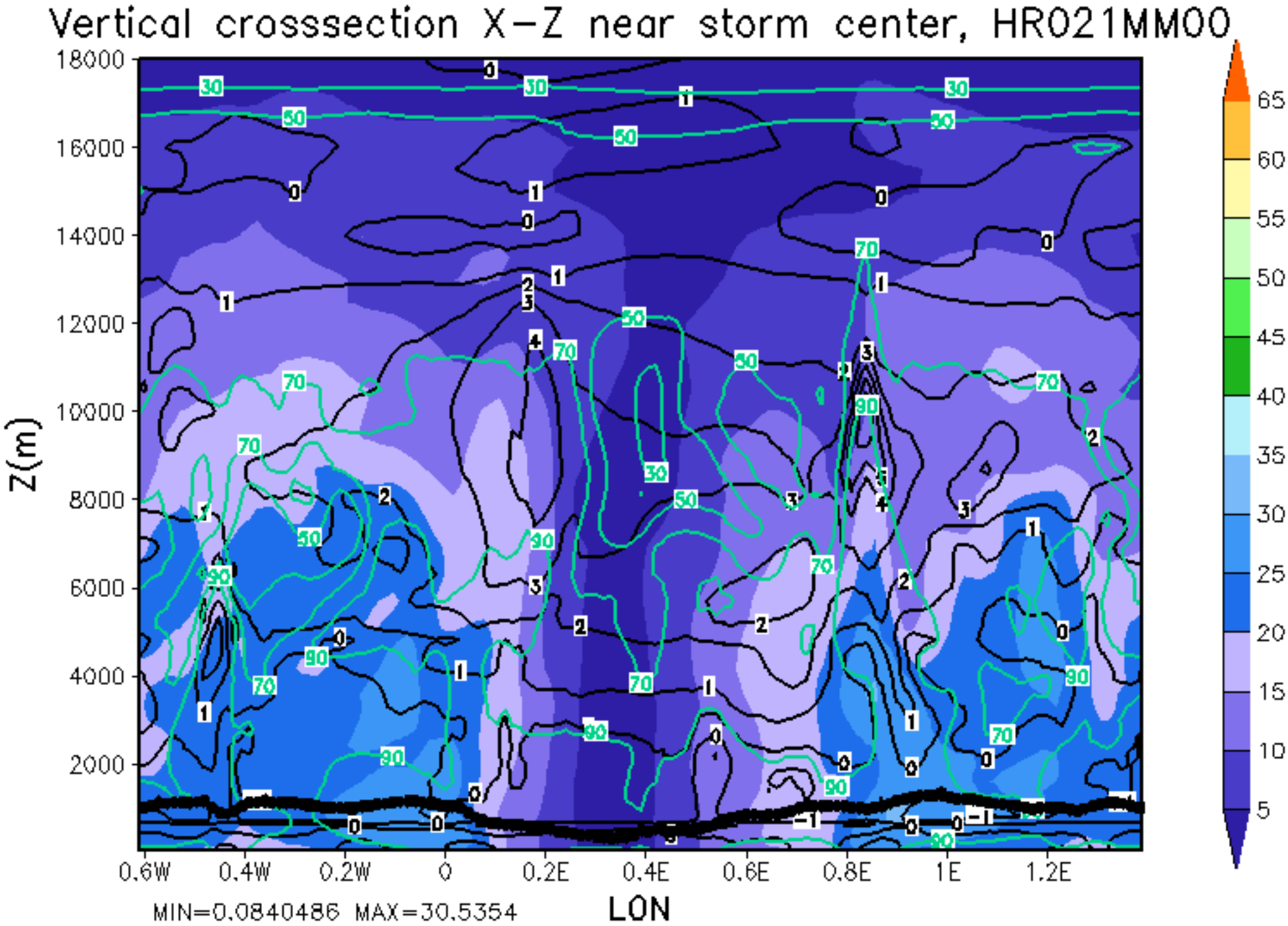
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR021MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.0840486 MAX=30.5354
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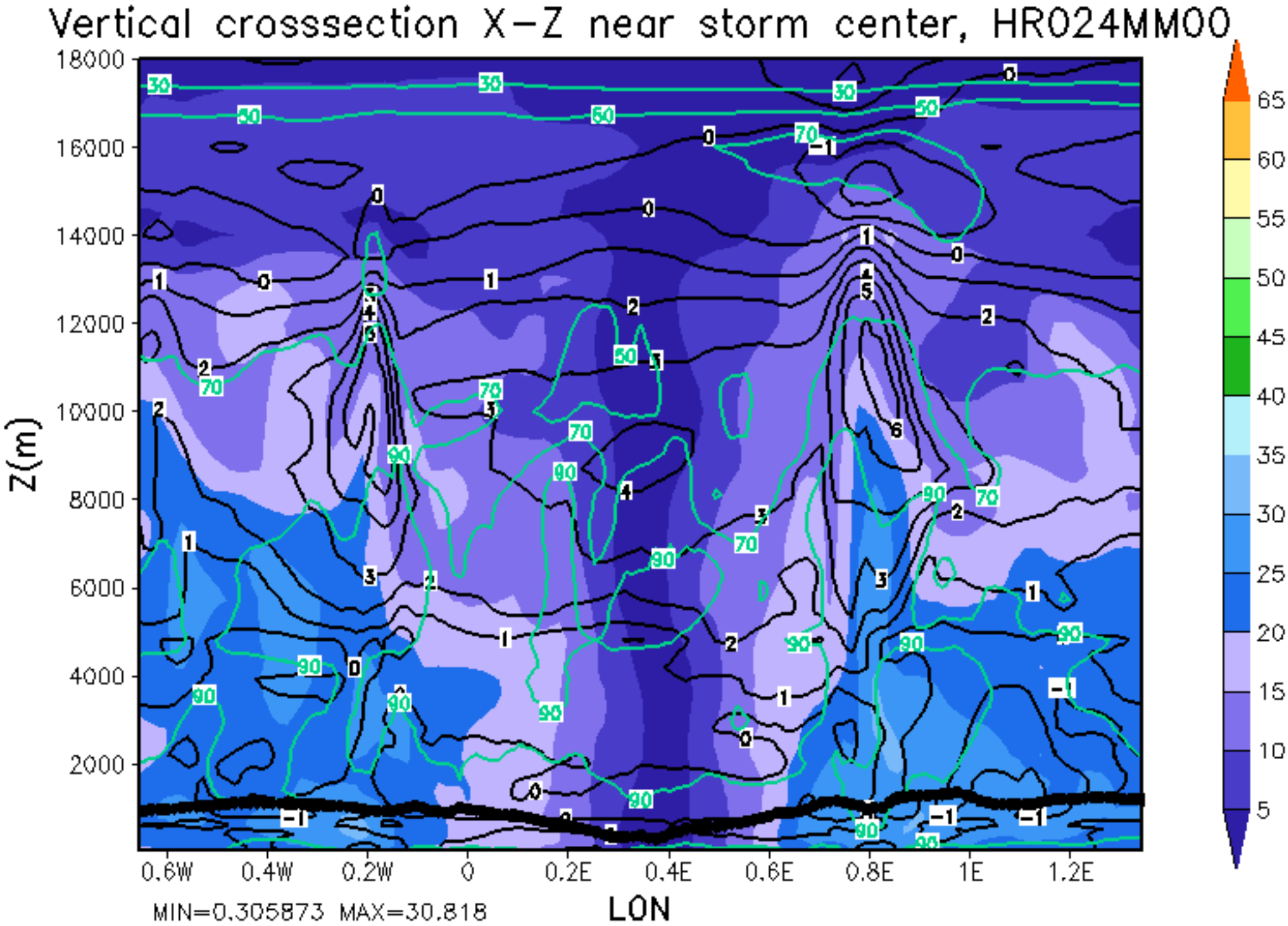
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR024MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.305873 MAX=30.818
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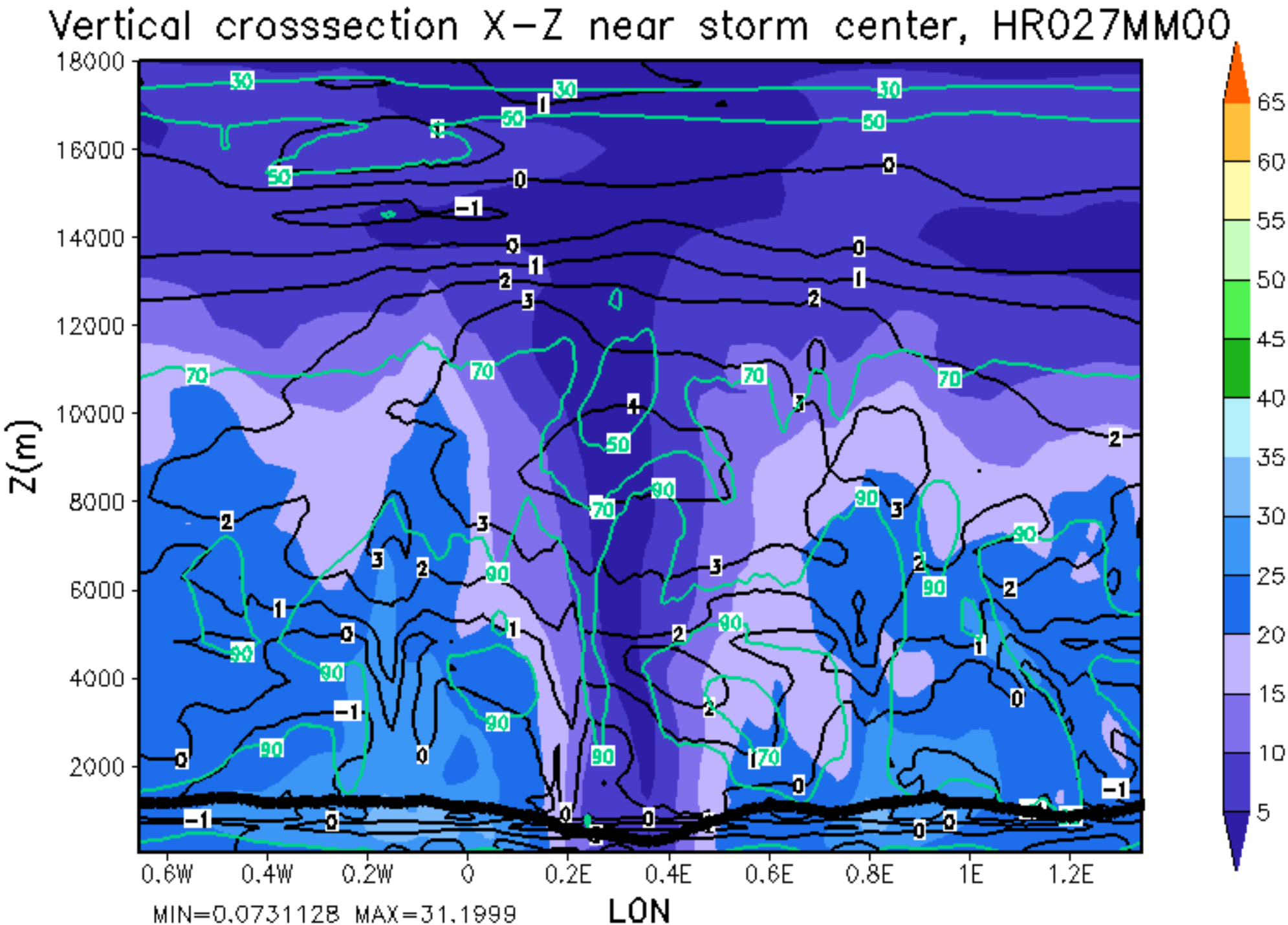
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR027MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.0731128 MAX=31.1999
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60
55
50
45
40
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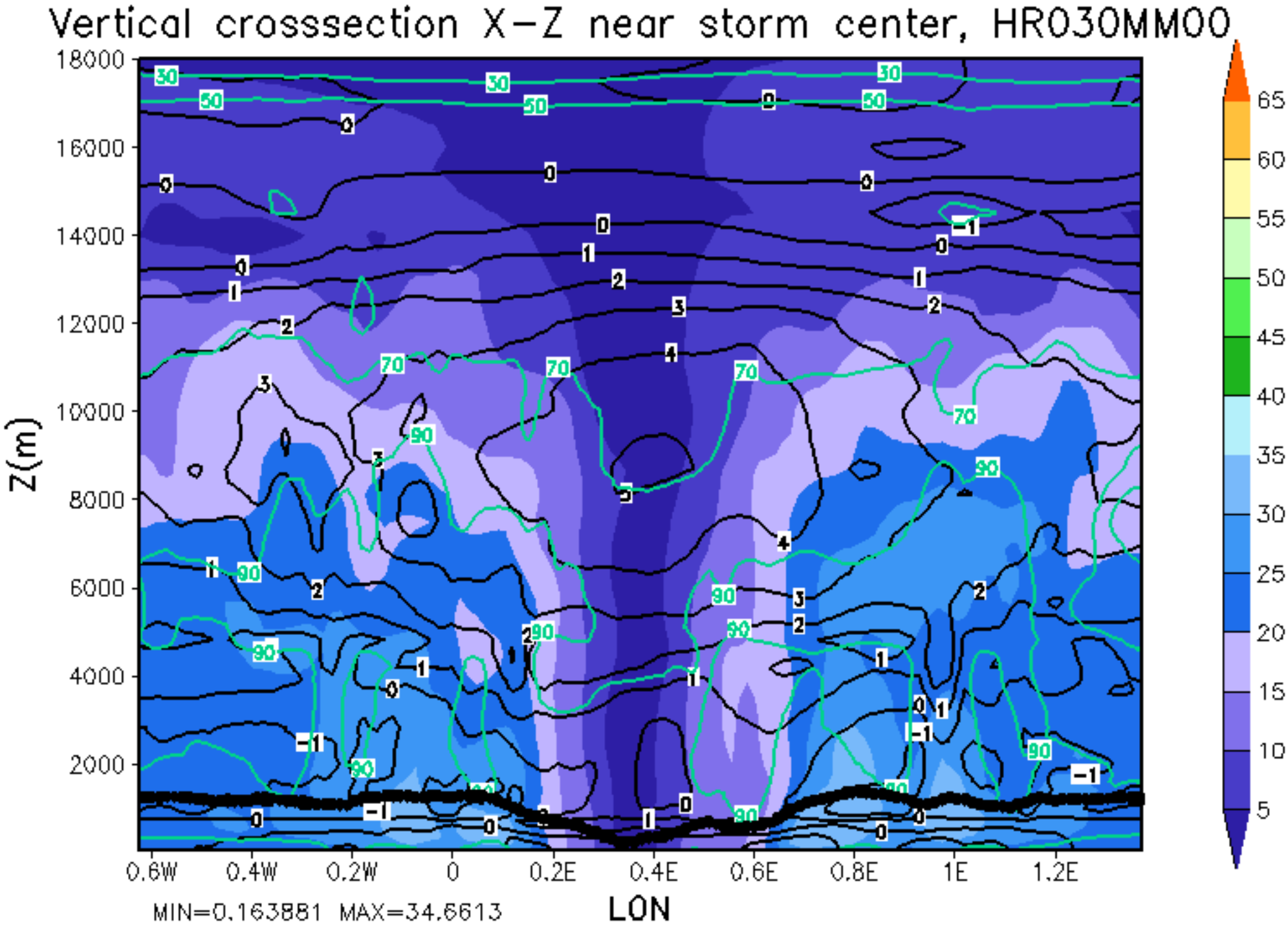
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR030MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.163881 MAX=34.6613
65
60
55
50
45
40
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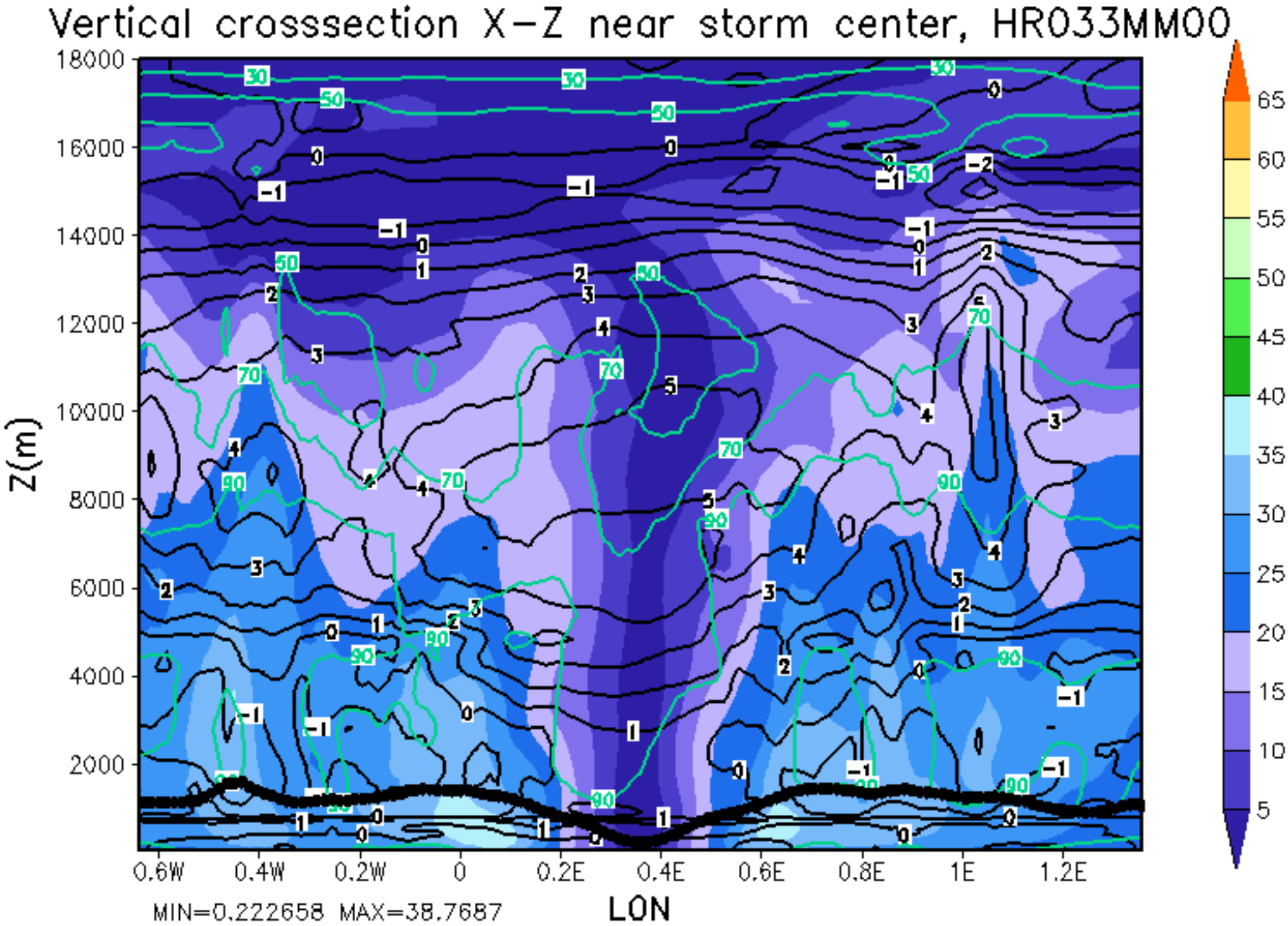
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR033MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.222658 MAX=38.7687
65
60
55
50
45
40
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30
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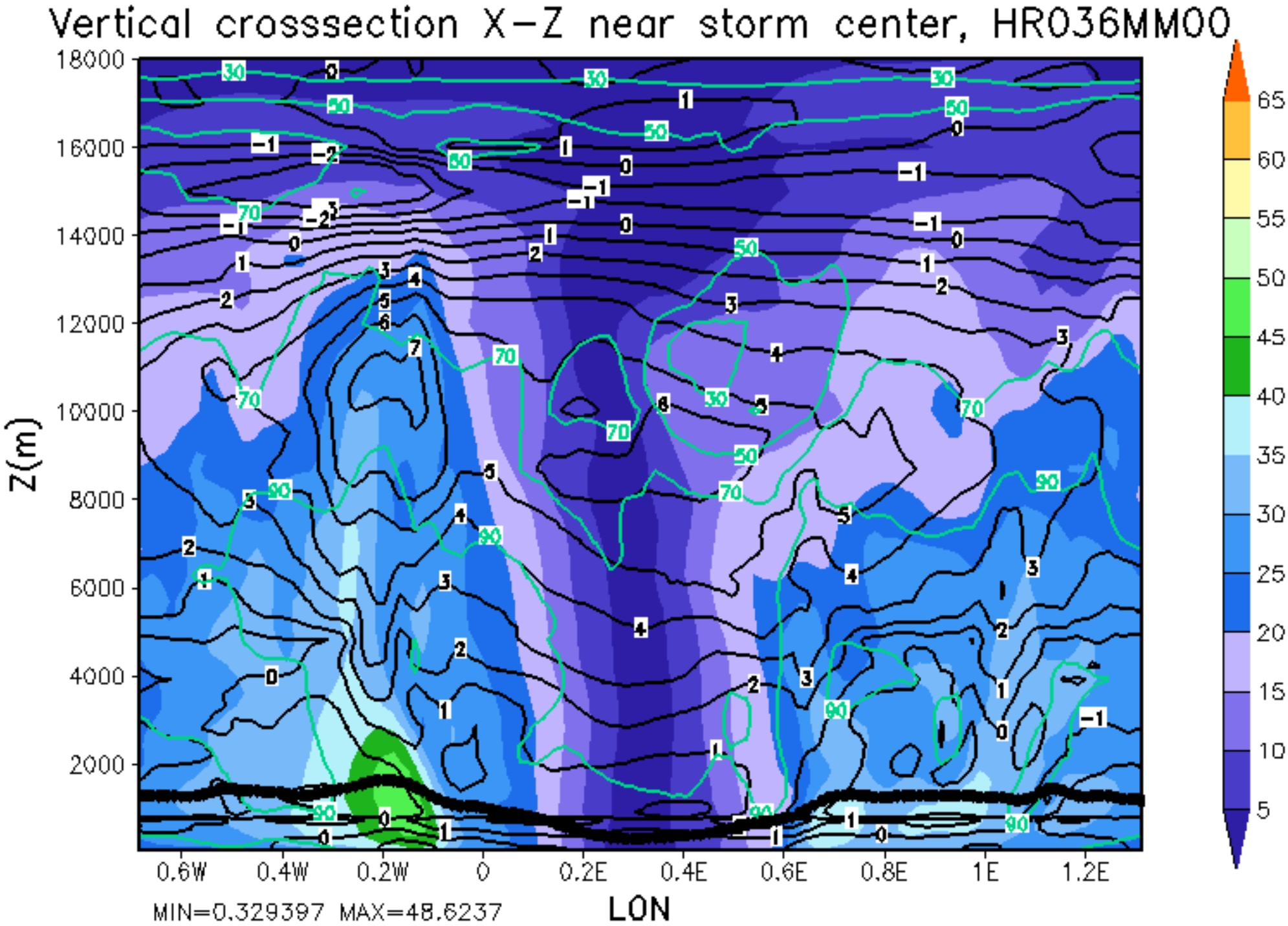
20
15
10
5


Vertical crosssection X-Z near storm center, HR036MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.329397 MAX=48.6237
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60
55
50
45
40
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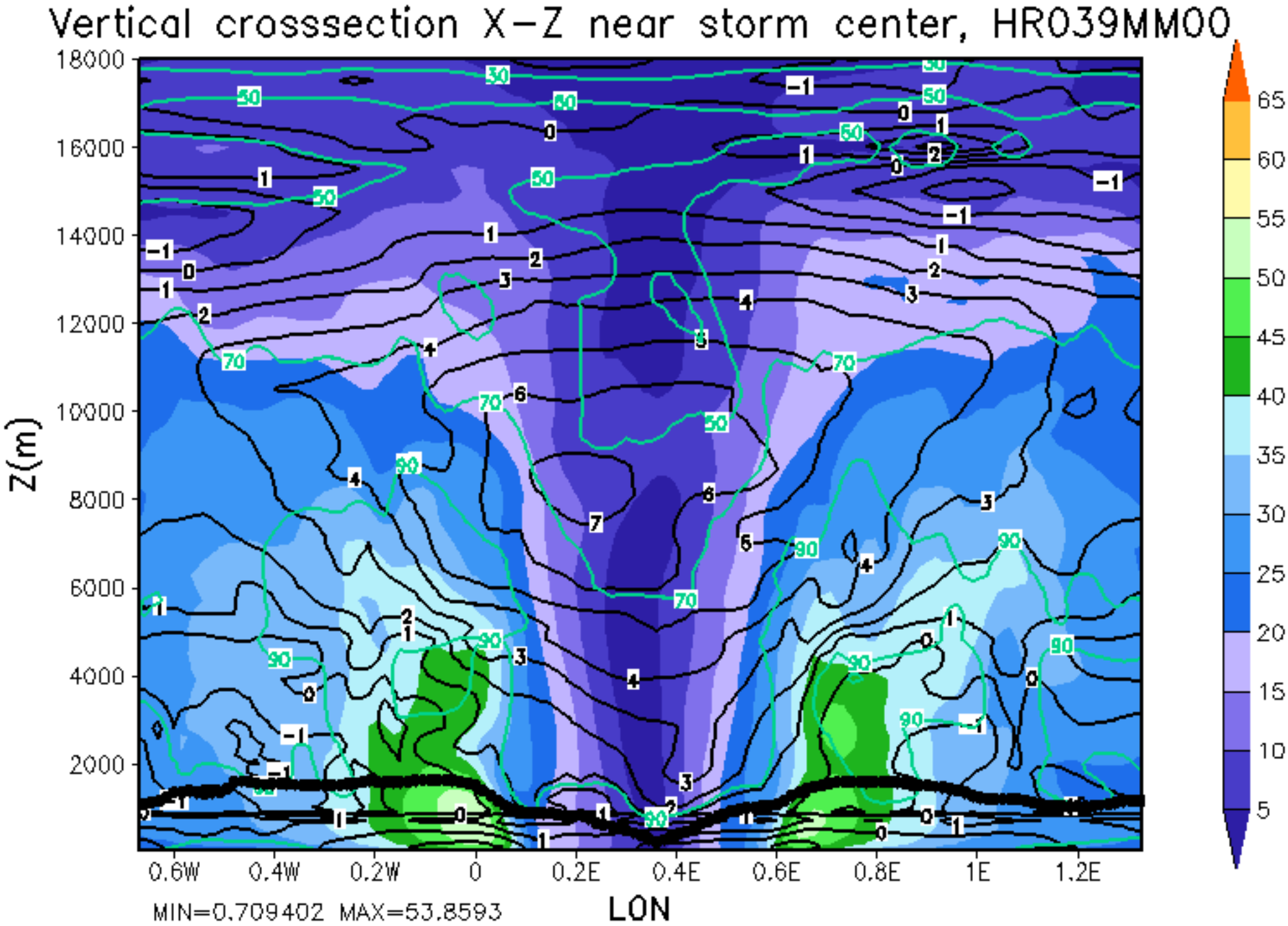
30
25
20
15
10
5


Vertical crosssection X−Z near storm center, HR039MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.709402 MAX=53.8593
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60
55
50
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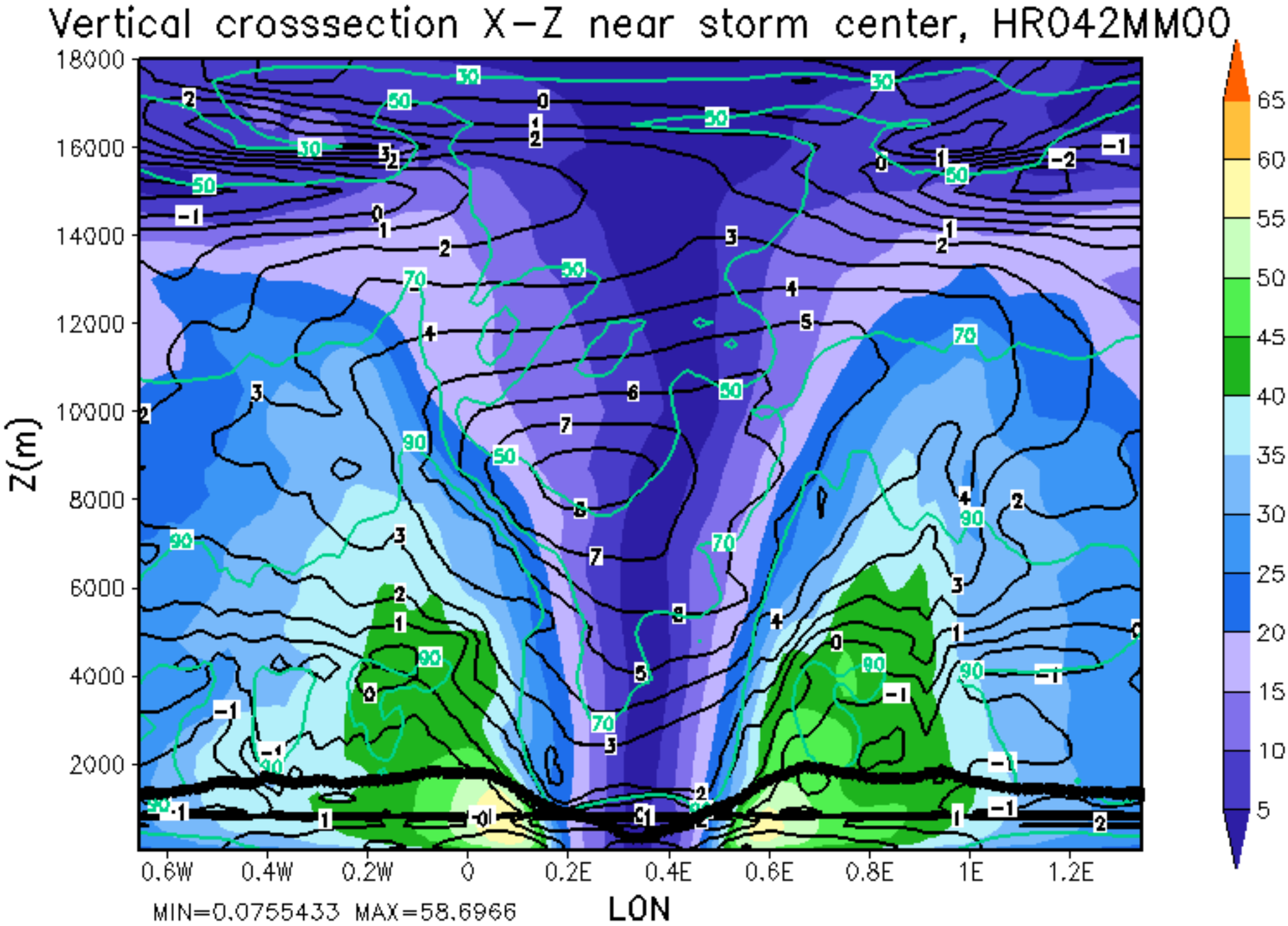
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR042MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.0755433 MAX=58.6966
65
60
55
50
45
40
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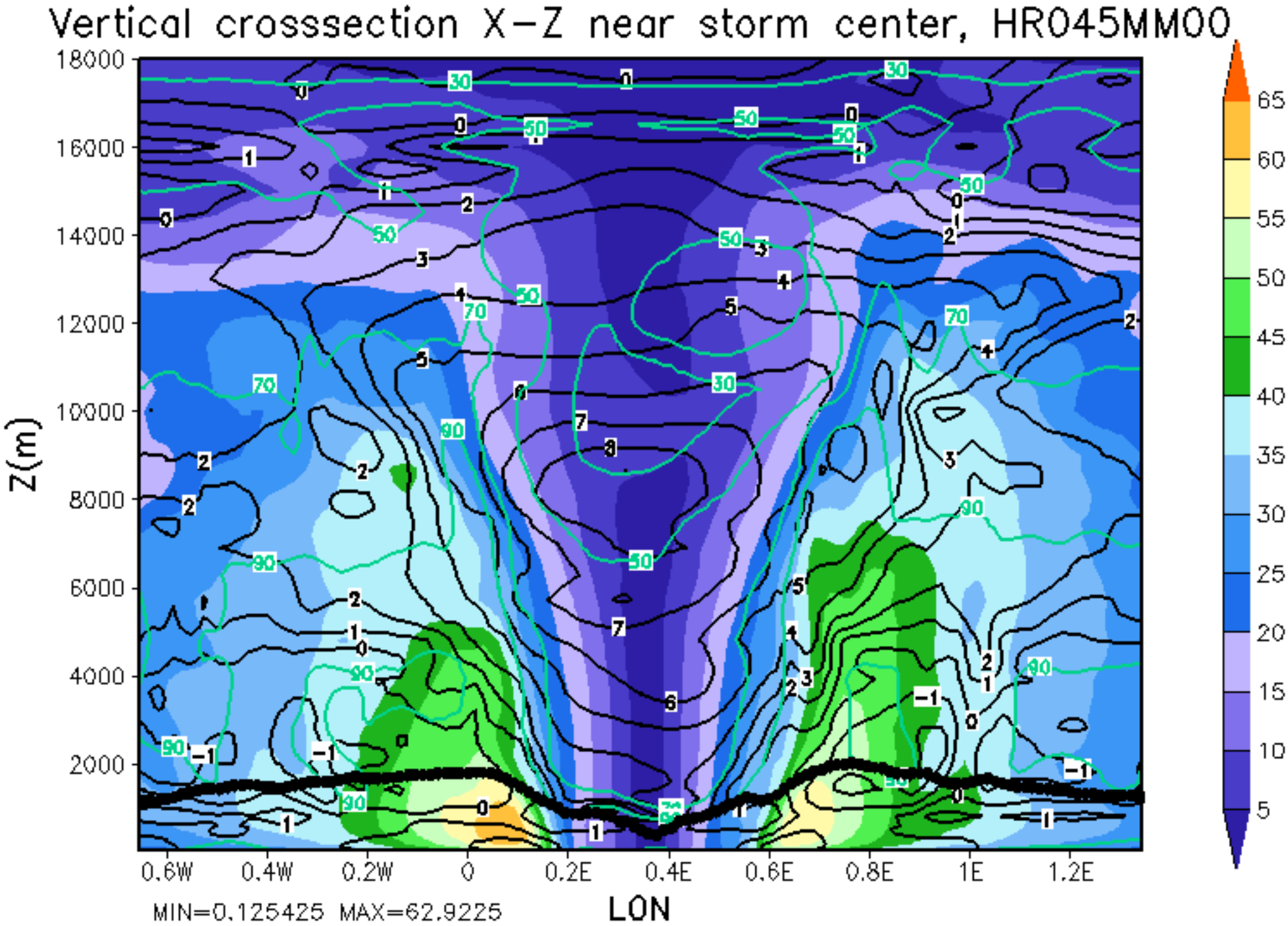
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR045MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.125425 MAX=62.9225
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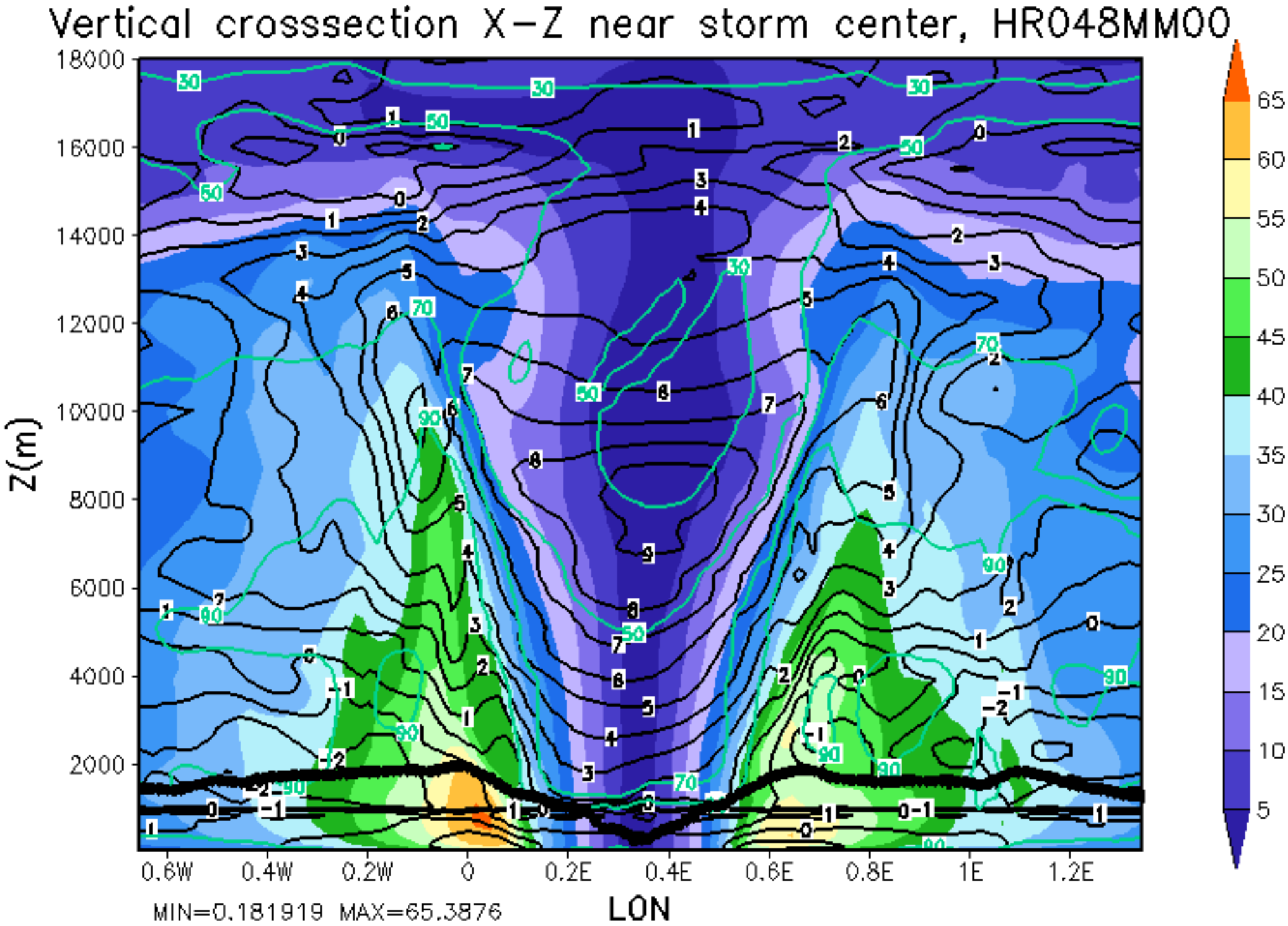
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR048MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.181919 MAX=65.3876
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50
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30
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20
15
10
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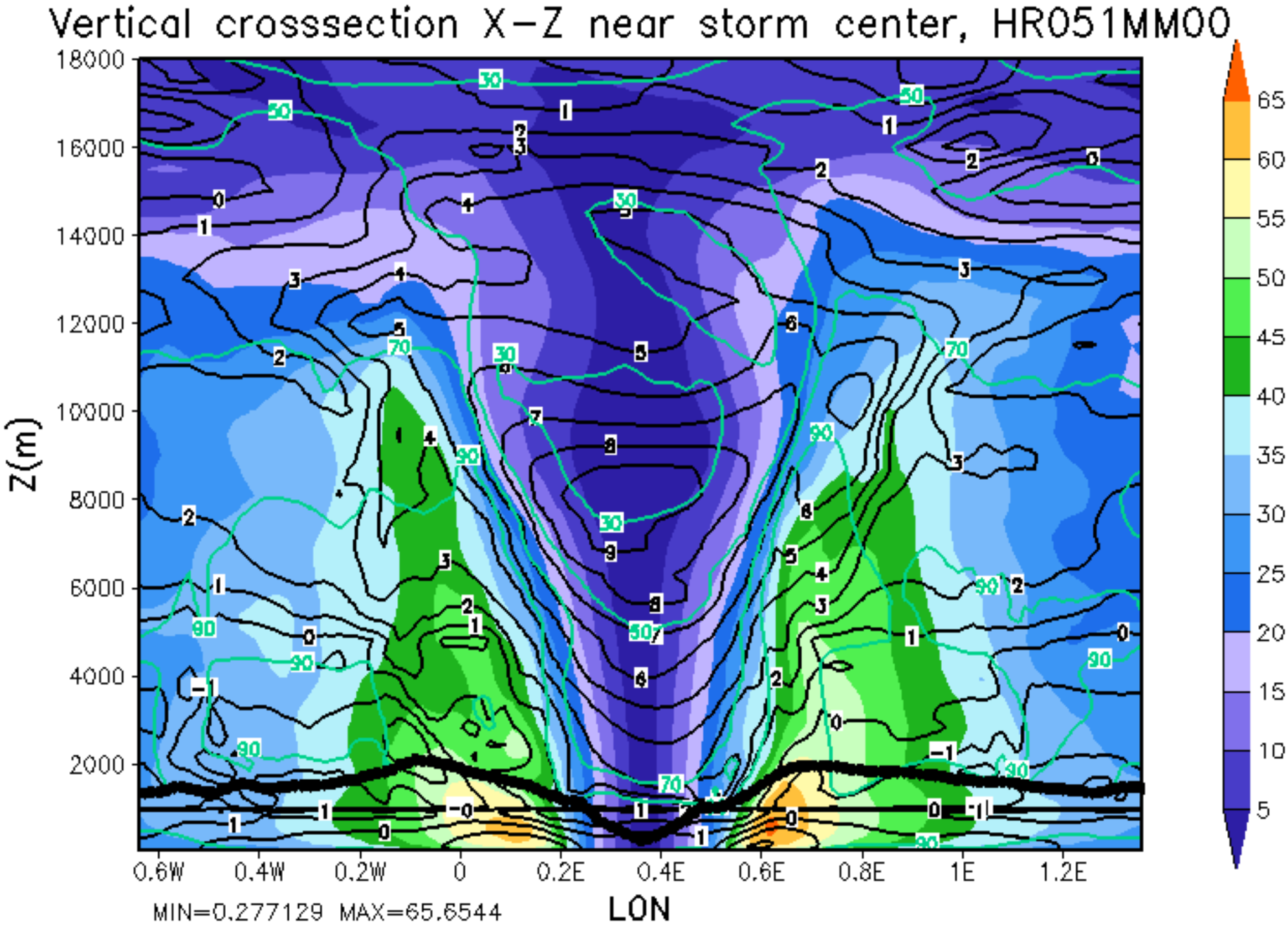
Vertical crosssection X-Z near storm center, HR051MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.277129 MAX=65.6544
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60
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50
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30
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20
15
10
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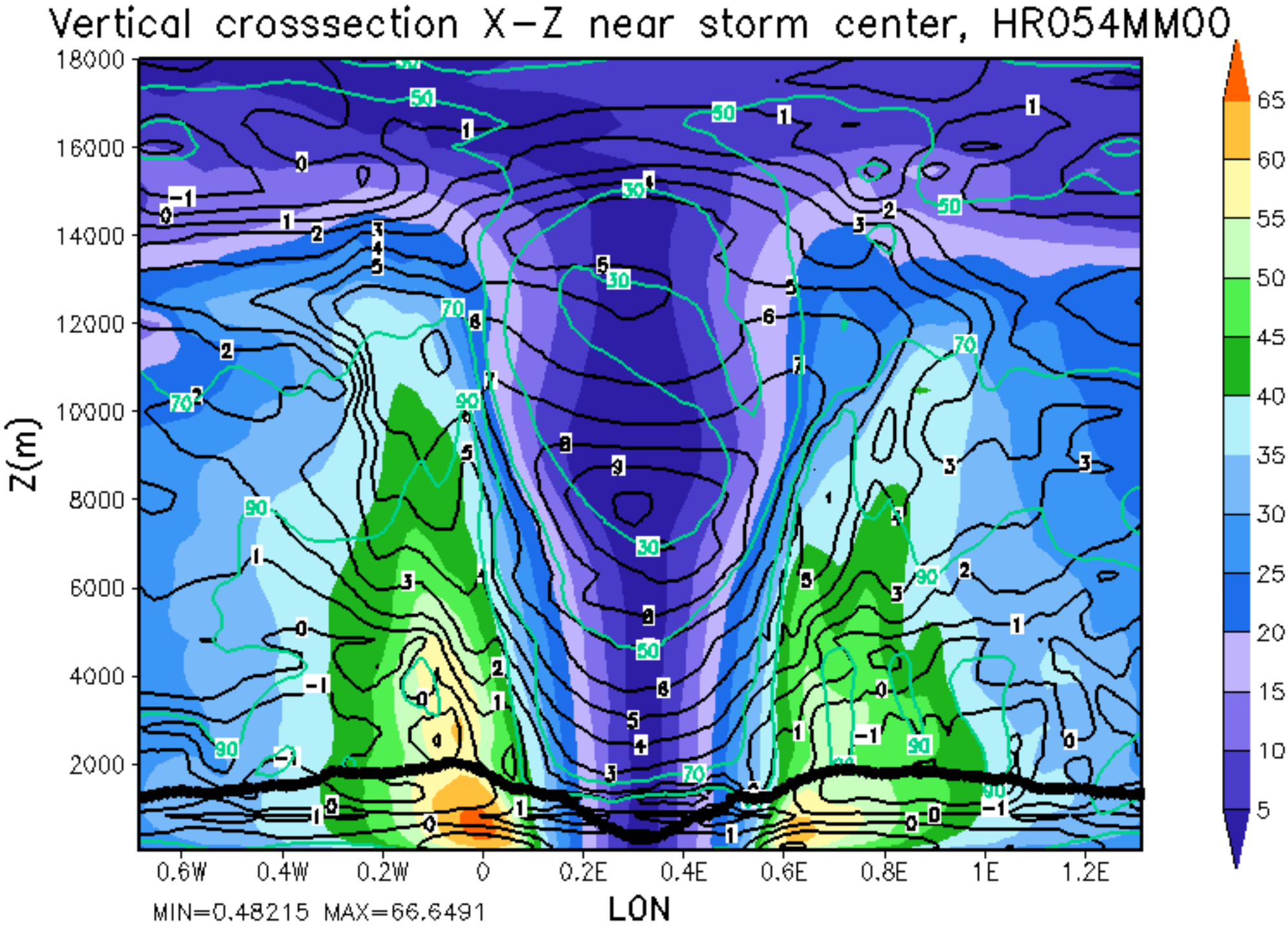
Vertical crosssection X-Z near storm center, HR054MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.48215 MAX=66.6491
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50
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10
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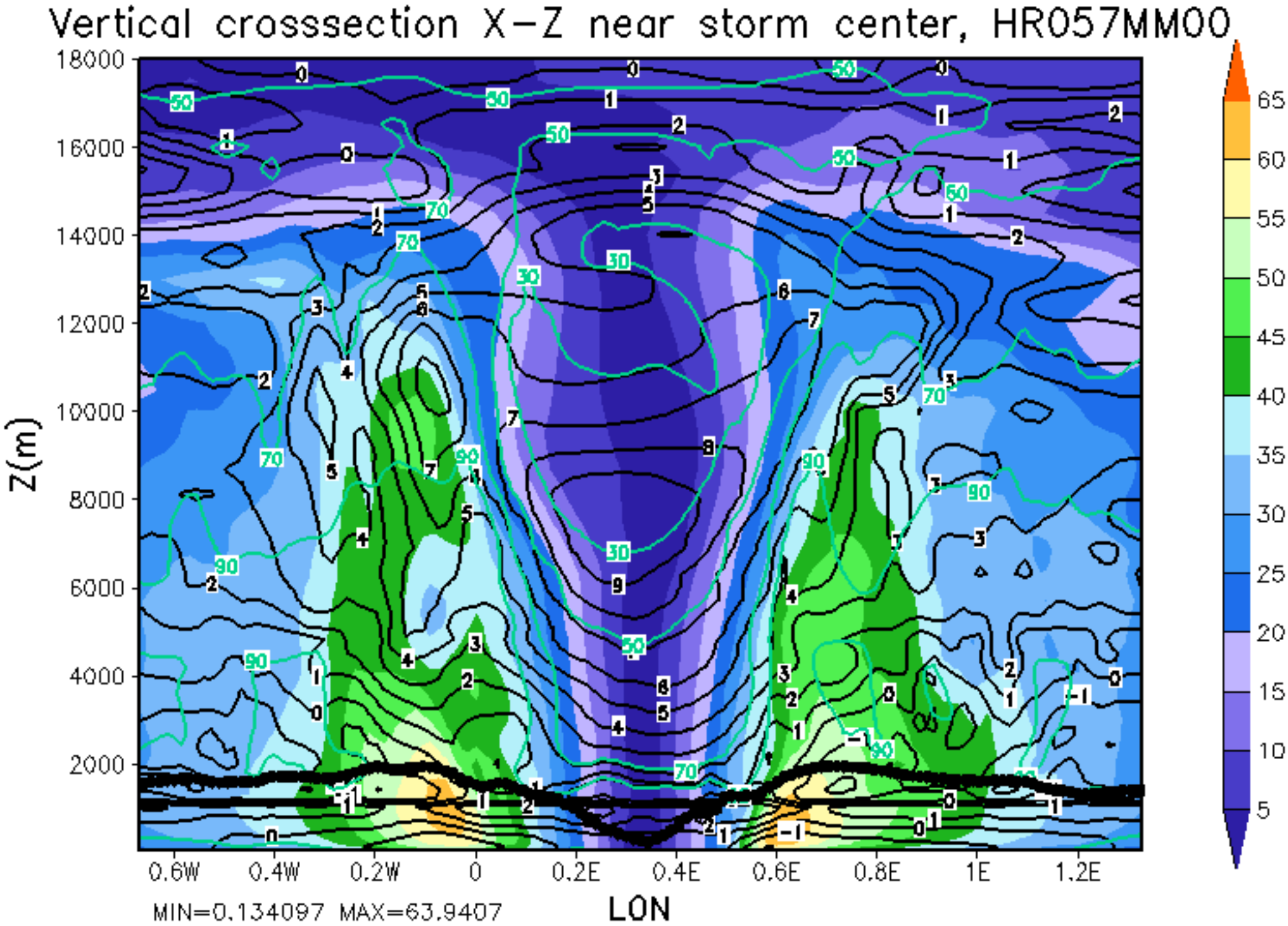
Vertical crosssection X-Z near storm center, HR057MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.134097 MAX=63.9407
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60
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50
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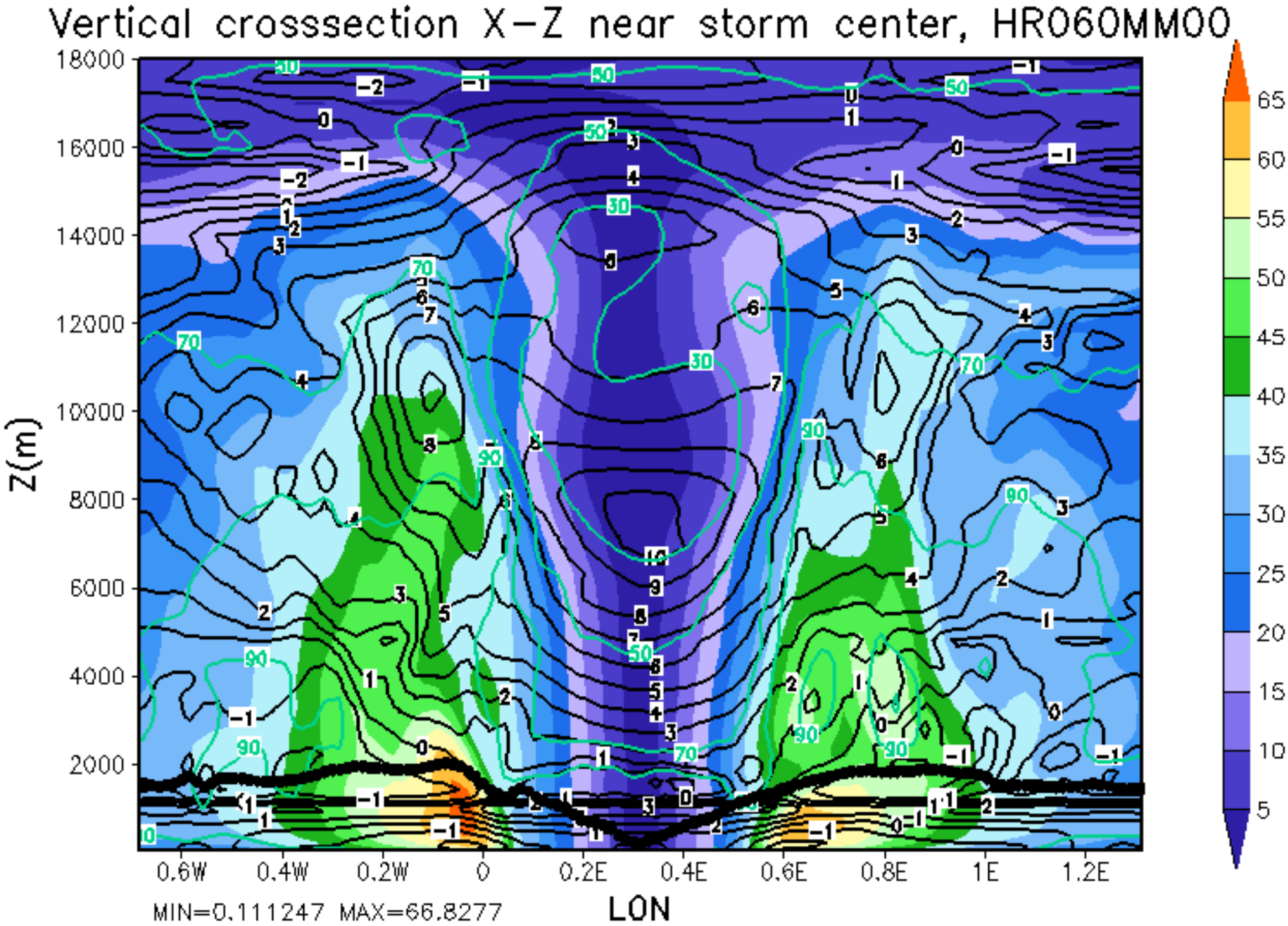
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR060MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.111247 MAX=66.8277
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30
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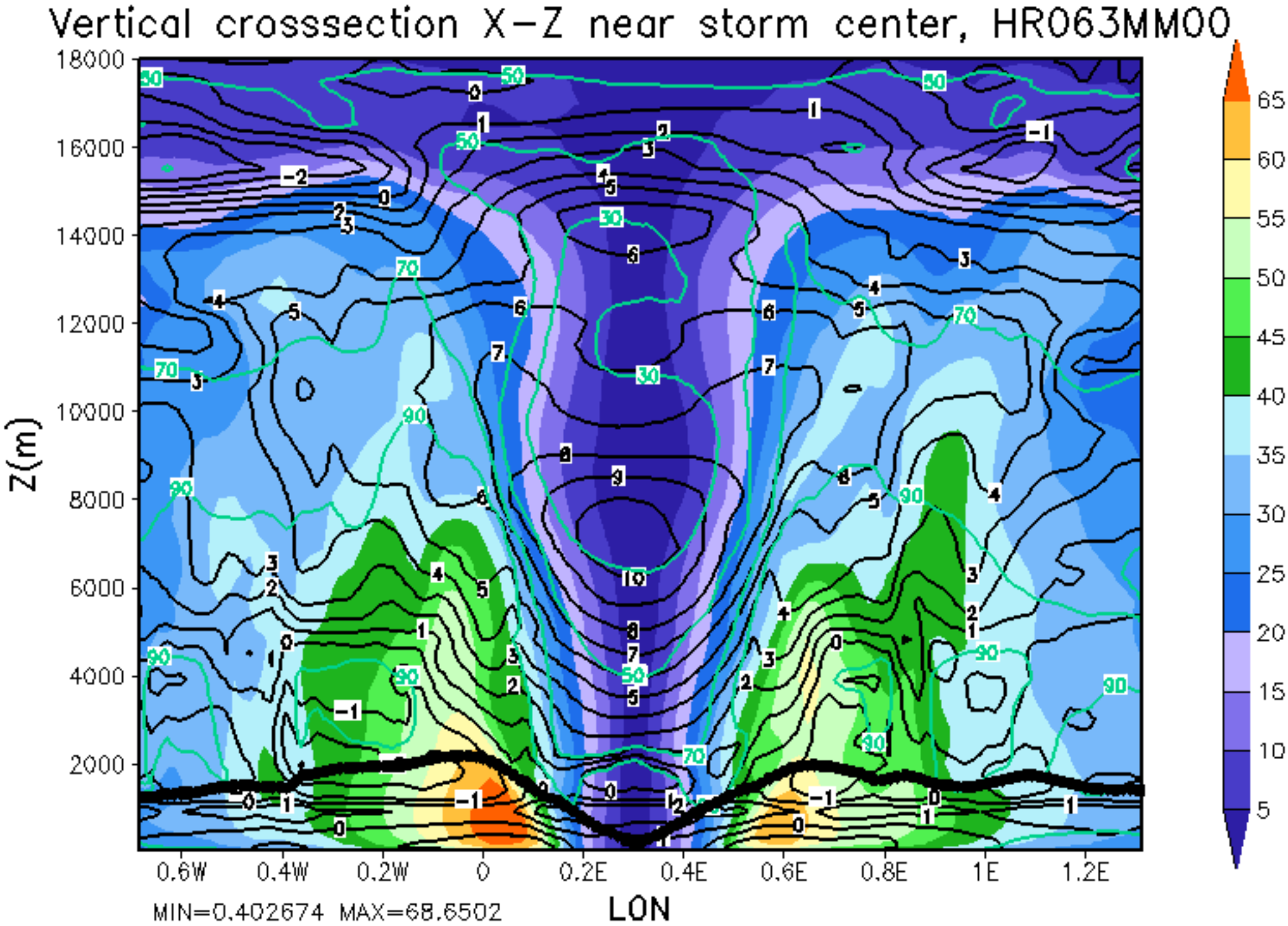
20
15
10
5


Vertical crosssection X-Z near storm center, HR063MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.402674 MAX=68.6502
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40
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30
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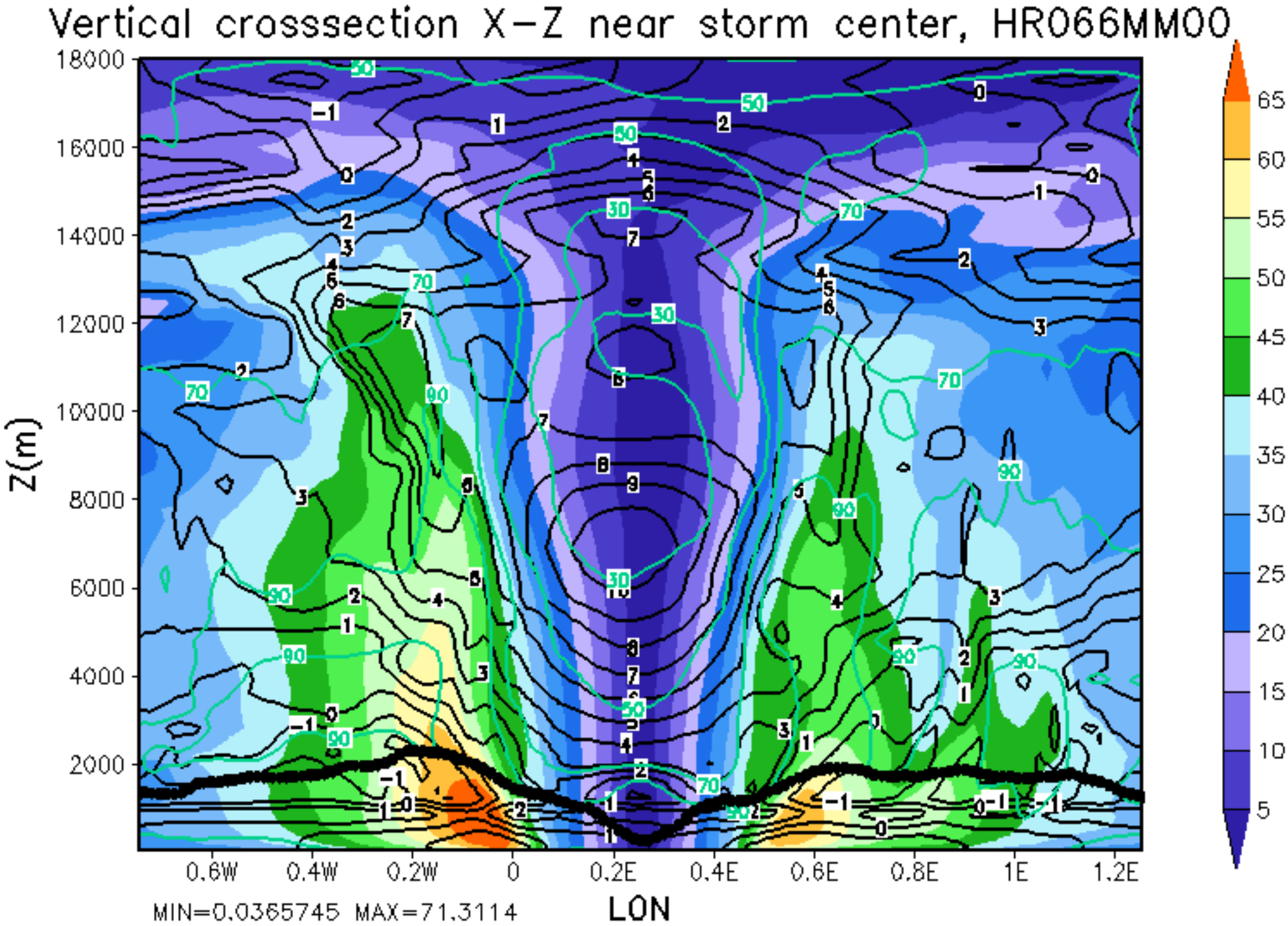
20
15
10
5


Vertical crosssection X-Z near storm center, HR066MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.0365745 MAX=71.3114
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20
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10
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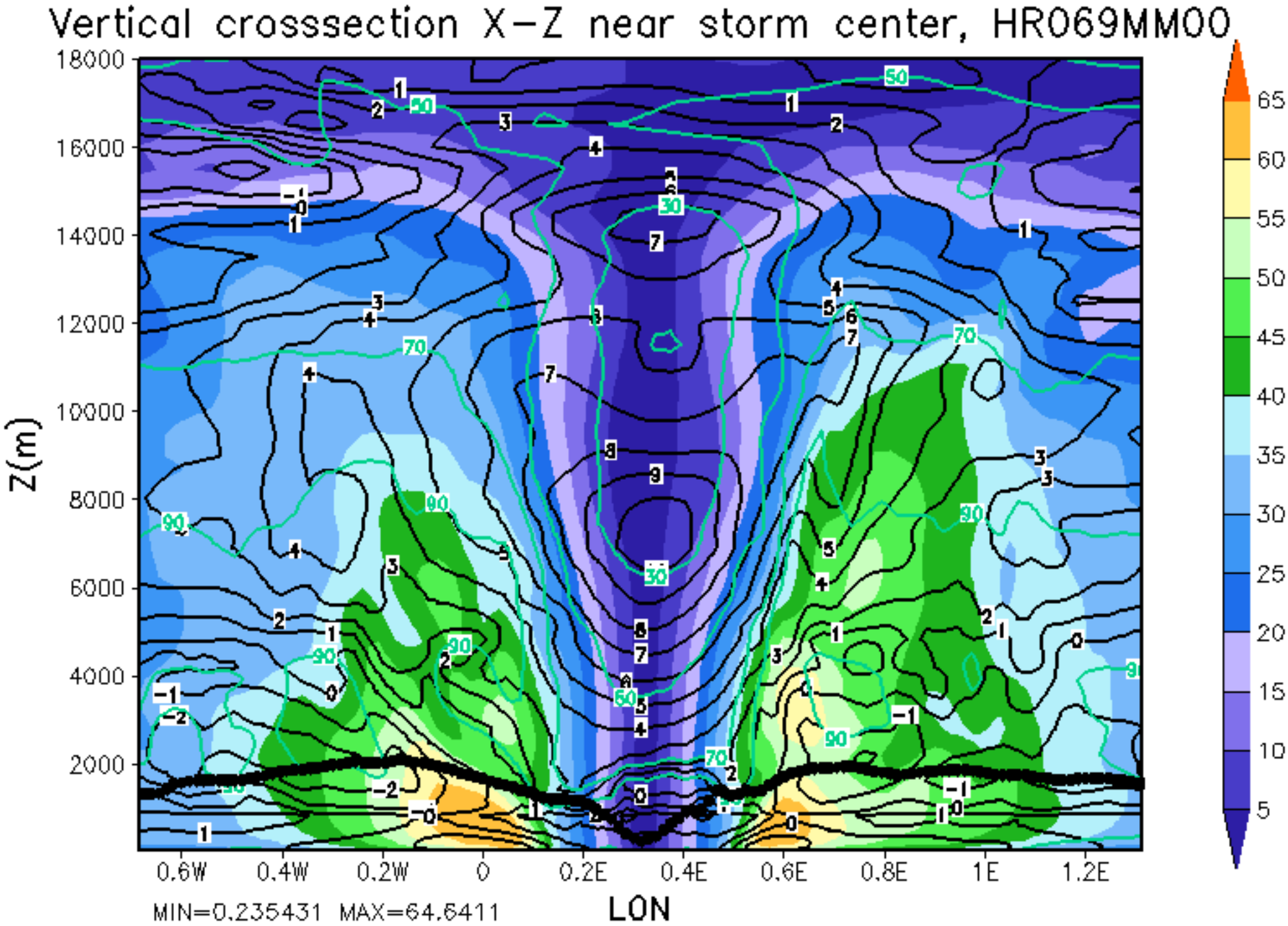
Vertical crosssection X-Z near storm center, HR069MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.235431 MAX=64.6411
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20
15
10
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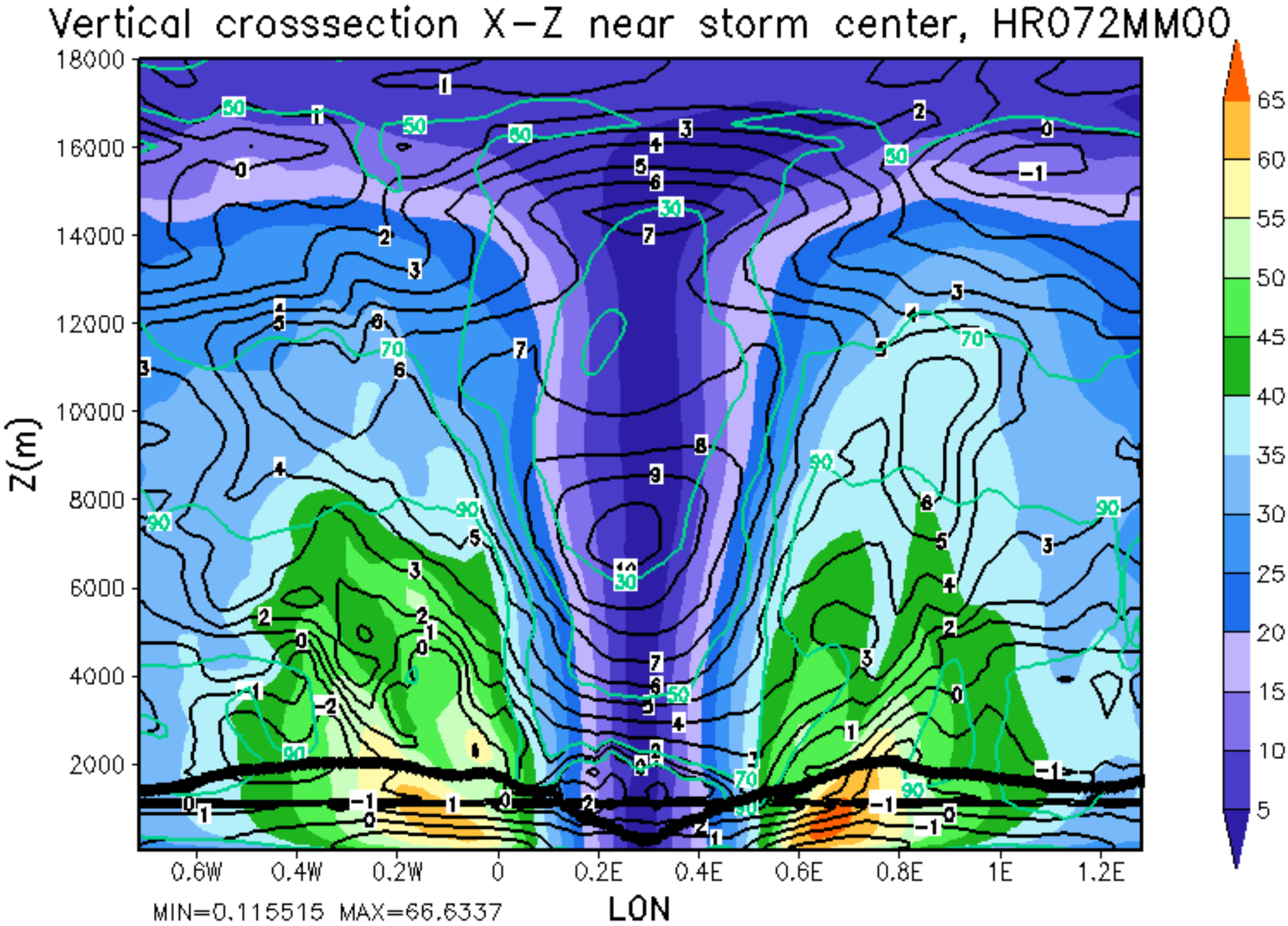
Vertical crosssection X-Z near storm center, HR072MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.115515 MAX=66.6337
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60
55
50
45
40
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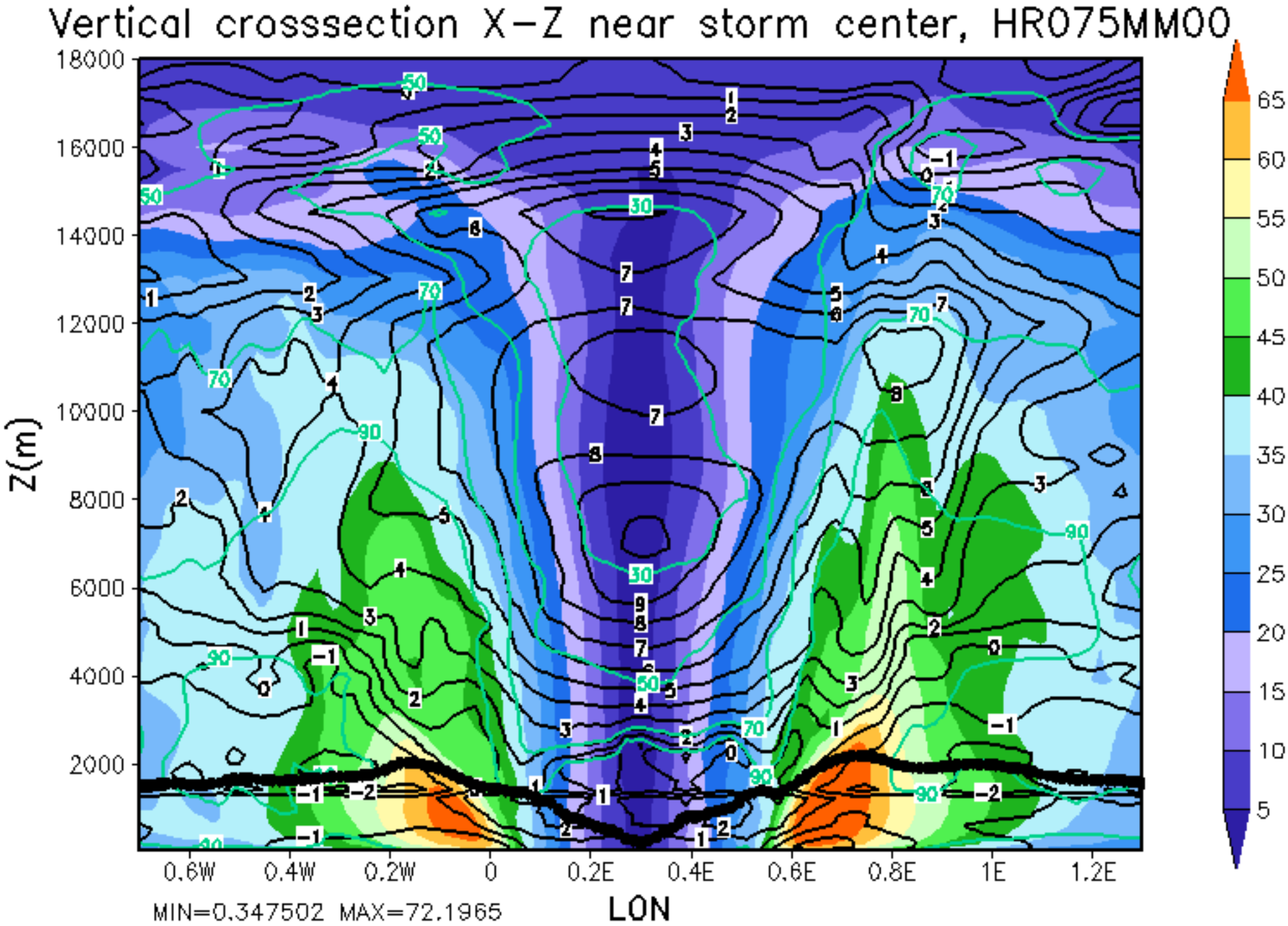
30
25
20
15
10
5


Vertical crosssection X−Z near storm center, HR075MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.347502 MAX=72.1965
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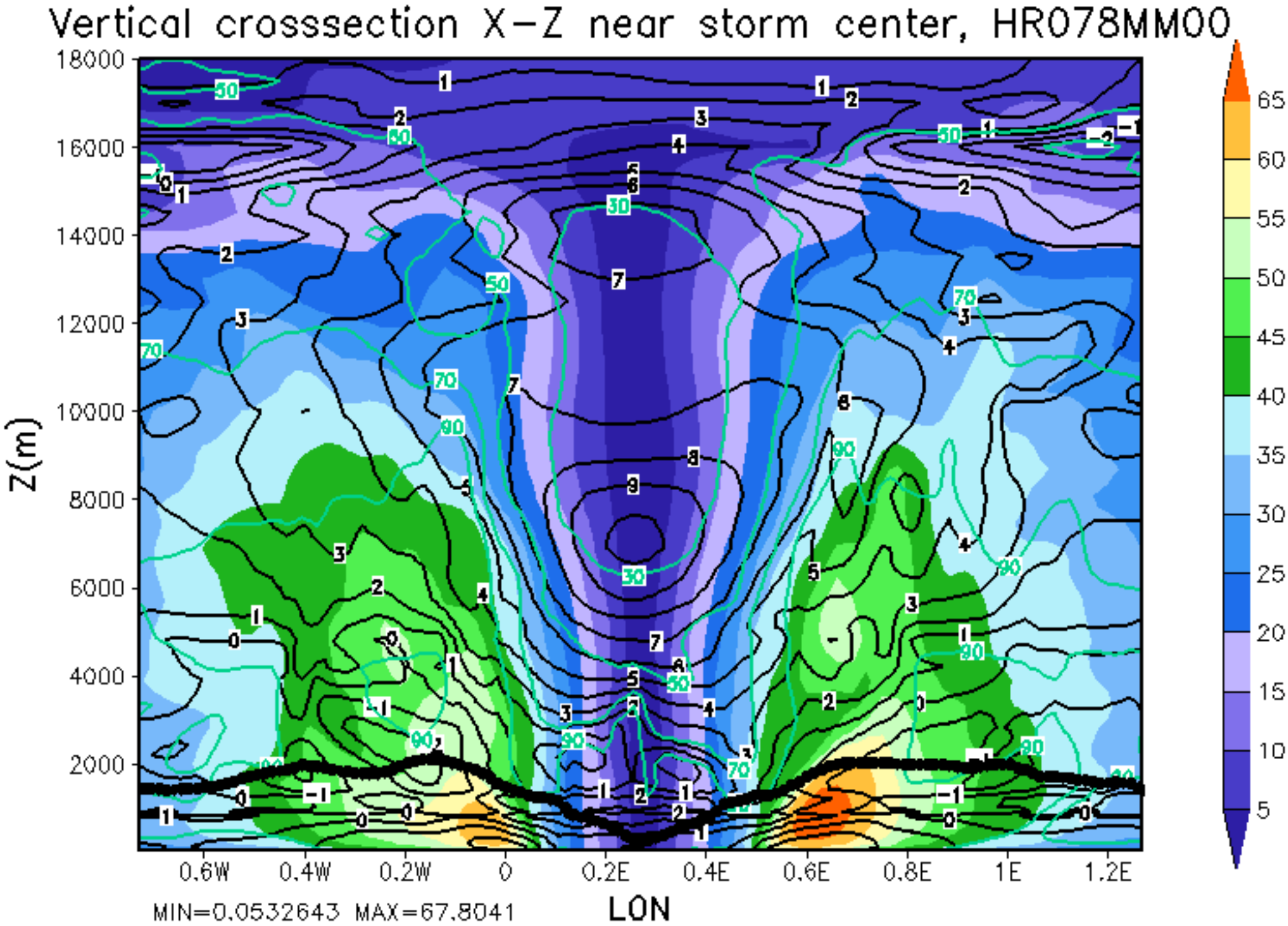
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR078MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.0532643 MAX=67.8041
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50
45
40
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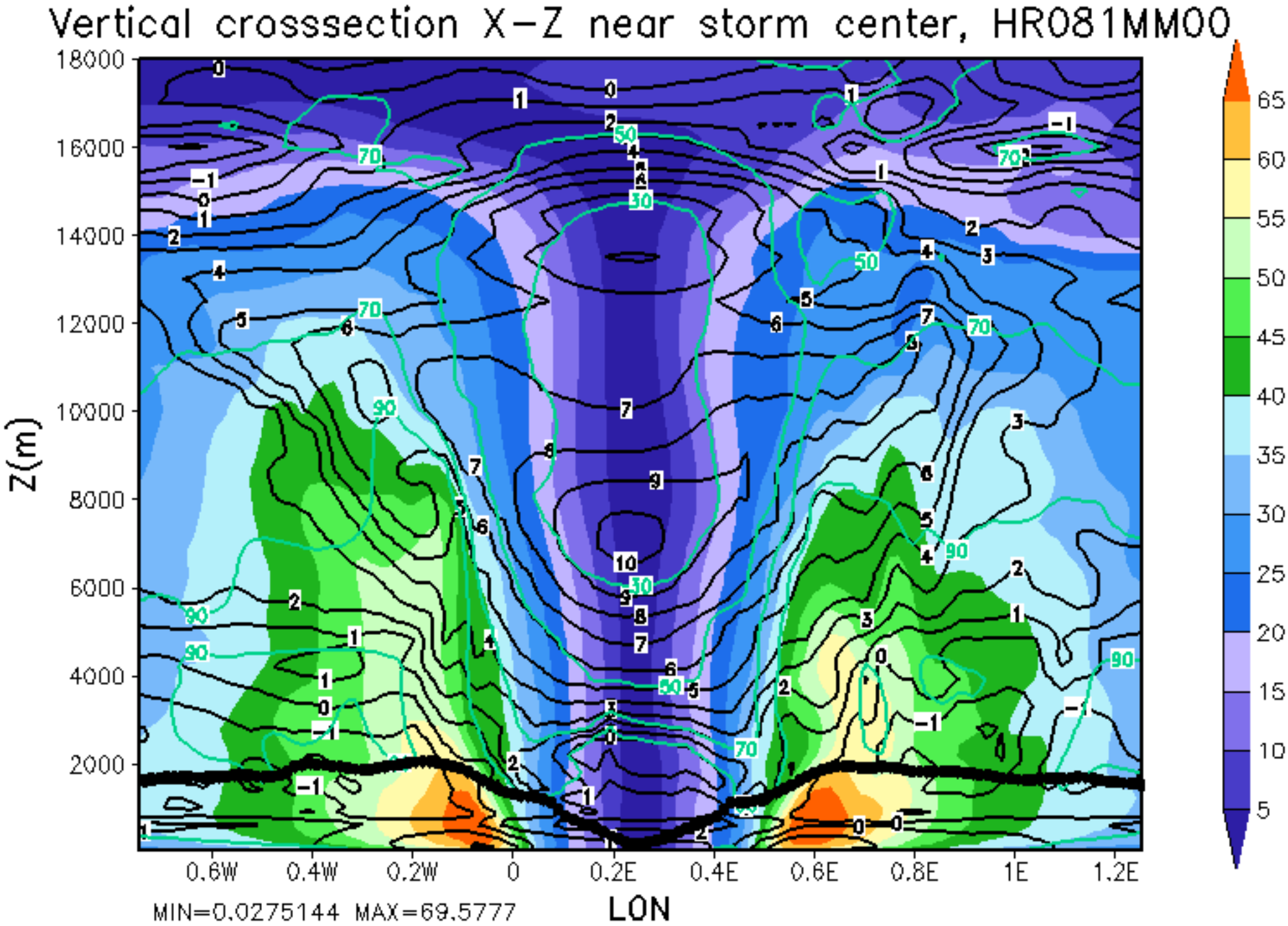
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR081MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.0275144 MAX=69.5777
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60
55
50
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40
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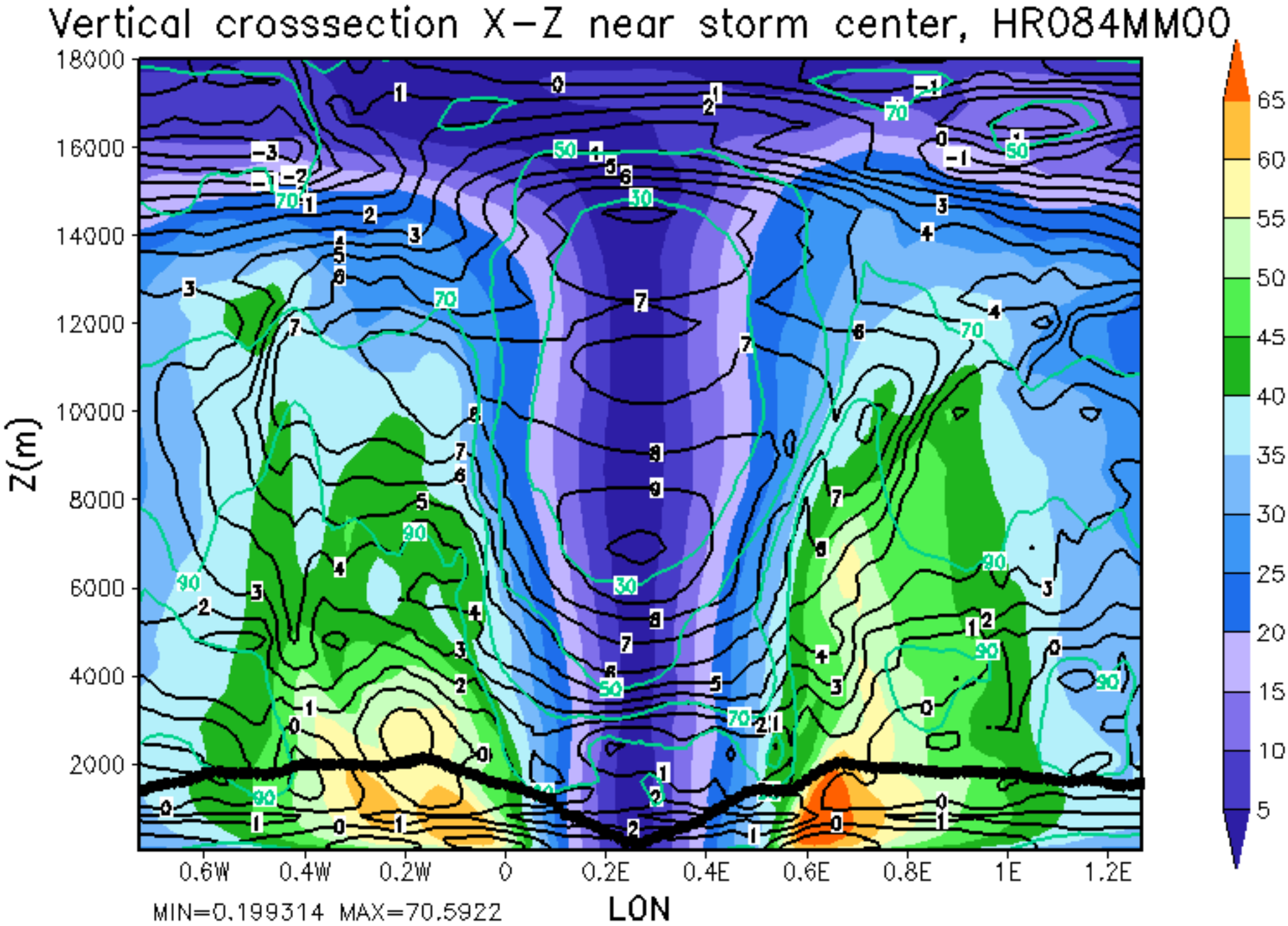
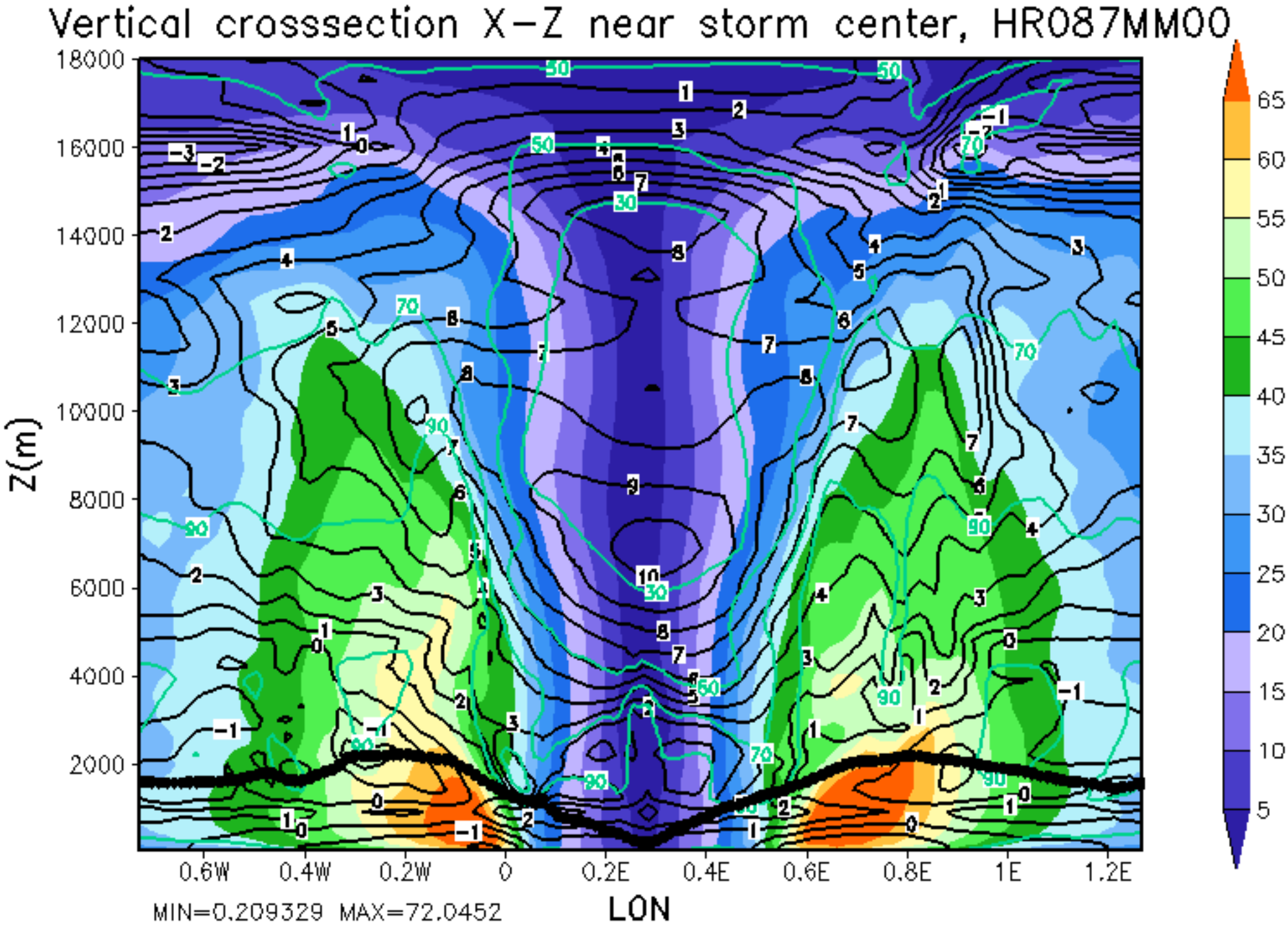
20
15
10
5


Vertical crosssection X-Z near storm center, HR084MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.199314 MAX=70.5922
65
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR087MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.209329 MAX=72.0452
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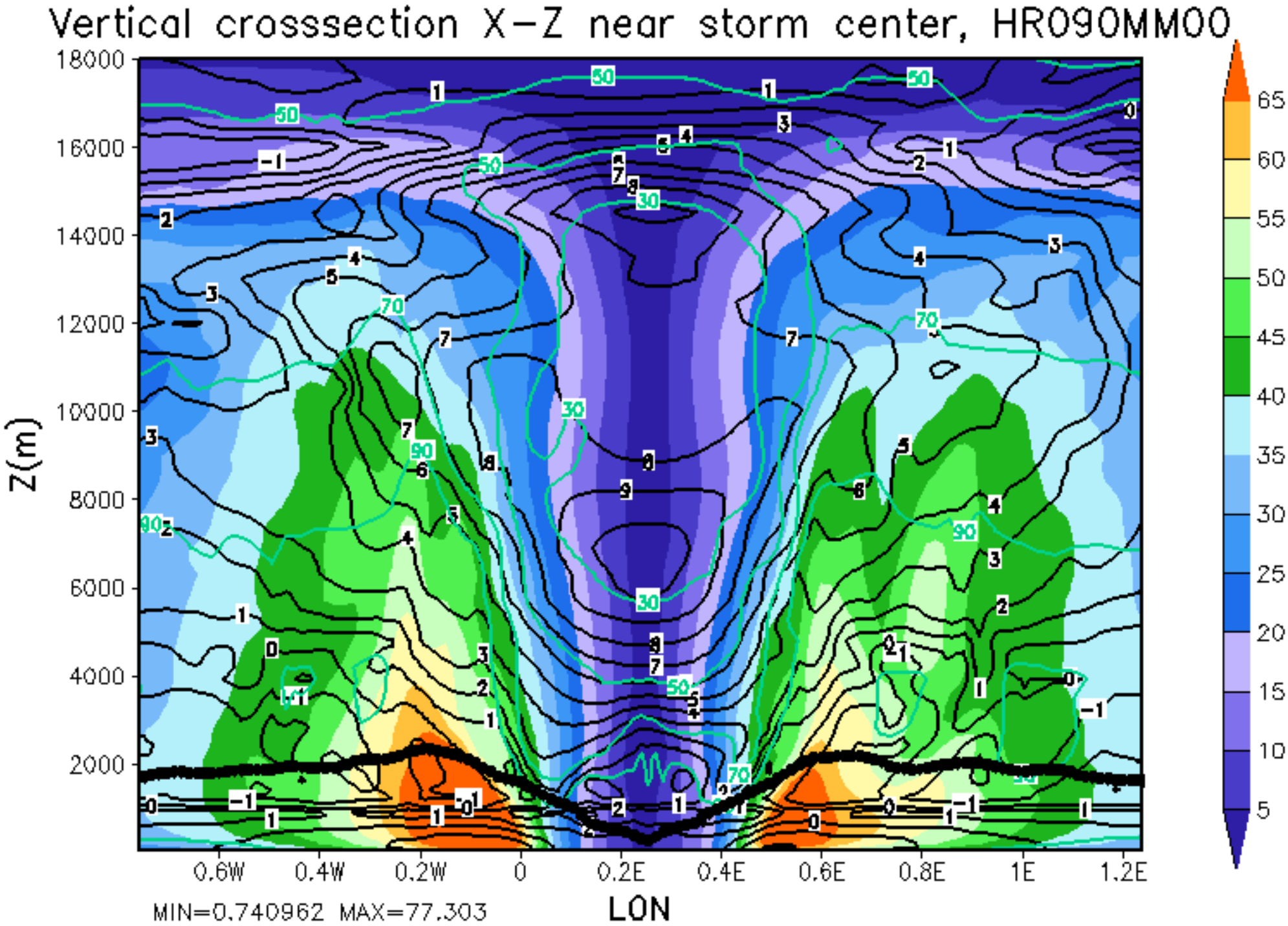
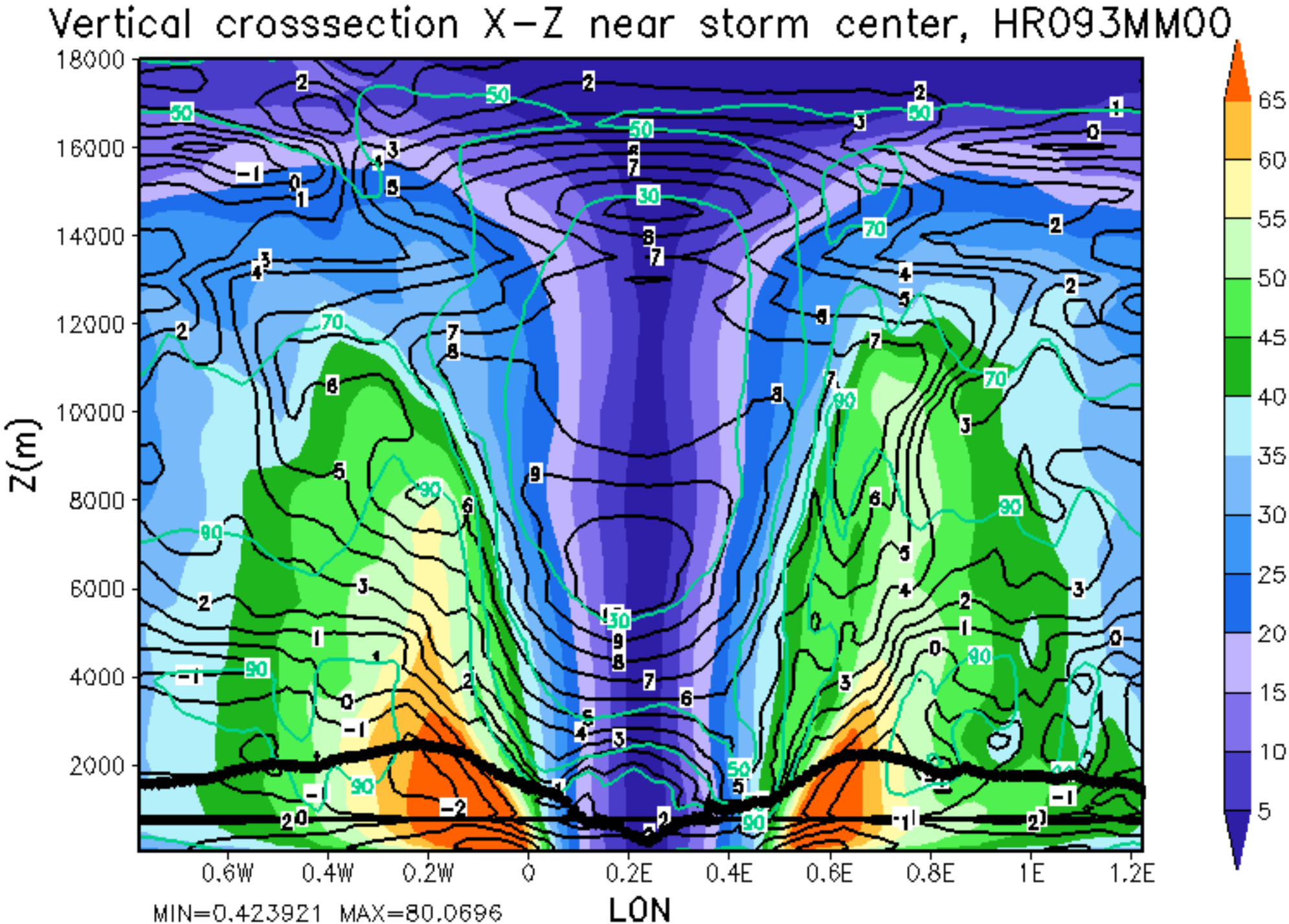
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR090MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.740962 MAX=77.303
65
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR093MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.423921 MAX=80.0696
65
60
55
50
45
40
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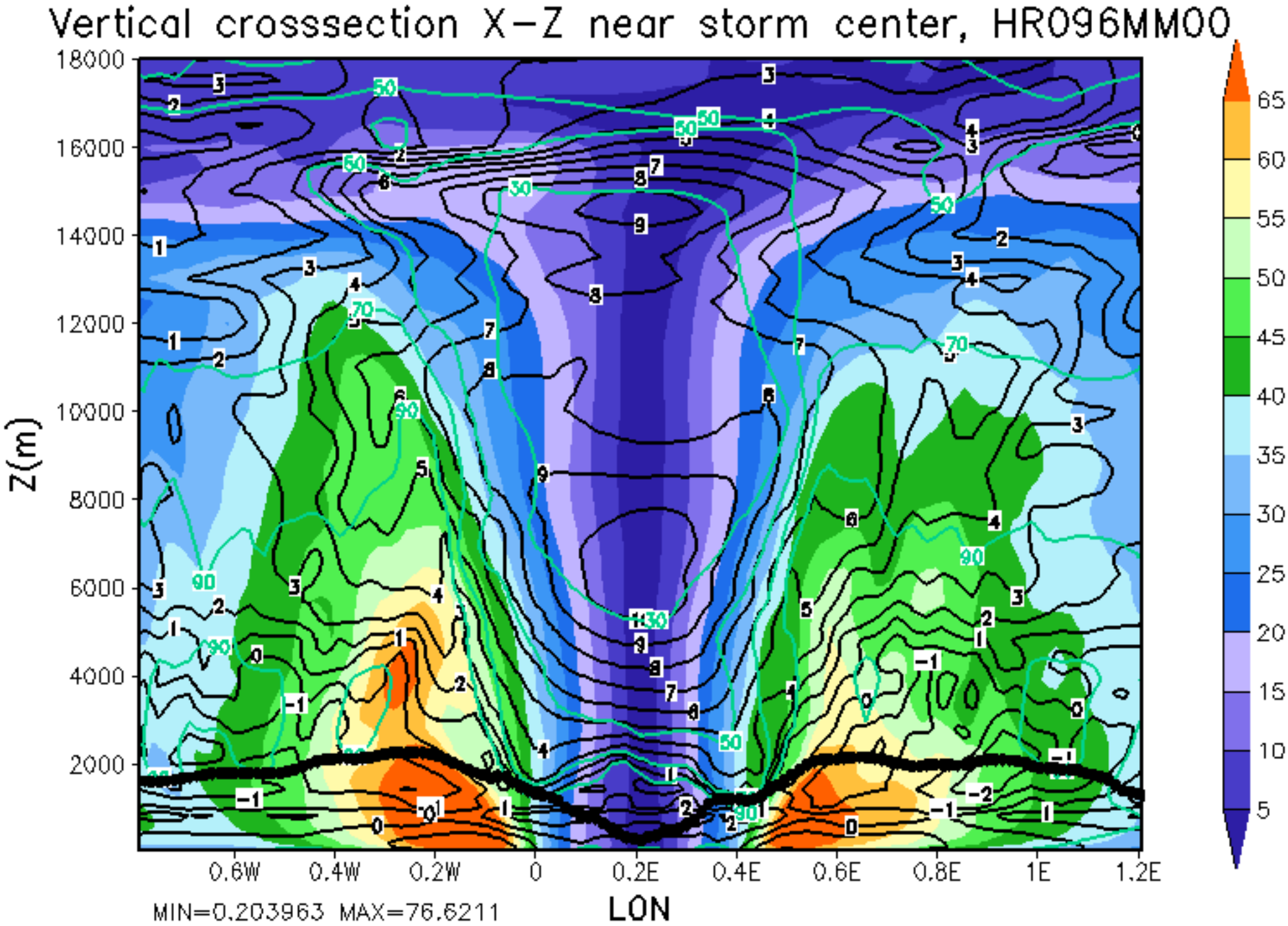
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR096MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.203963 MAX=76.6211
65
60
55
50
45
40
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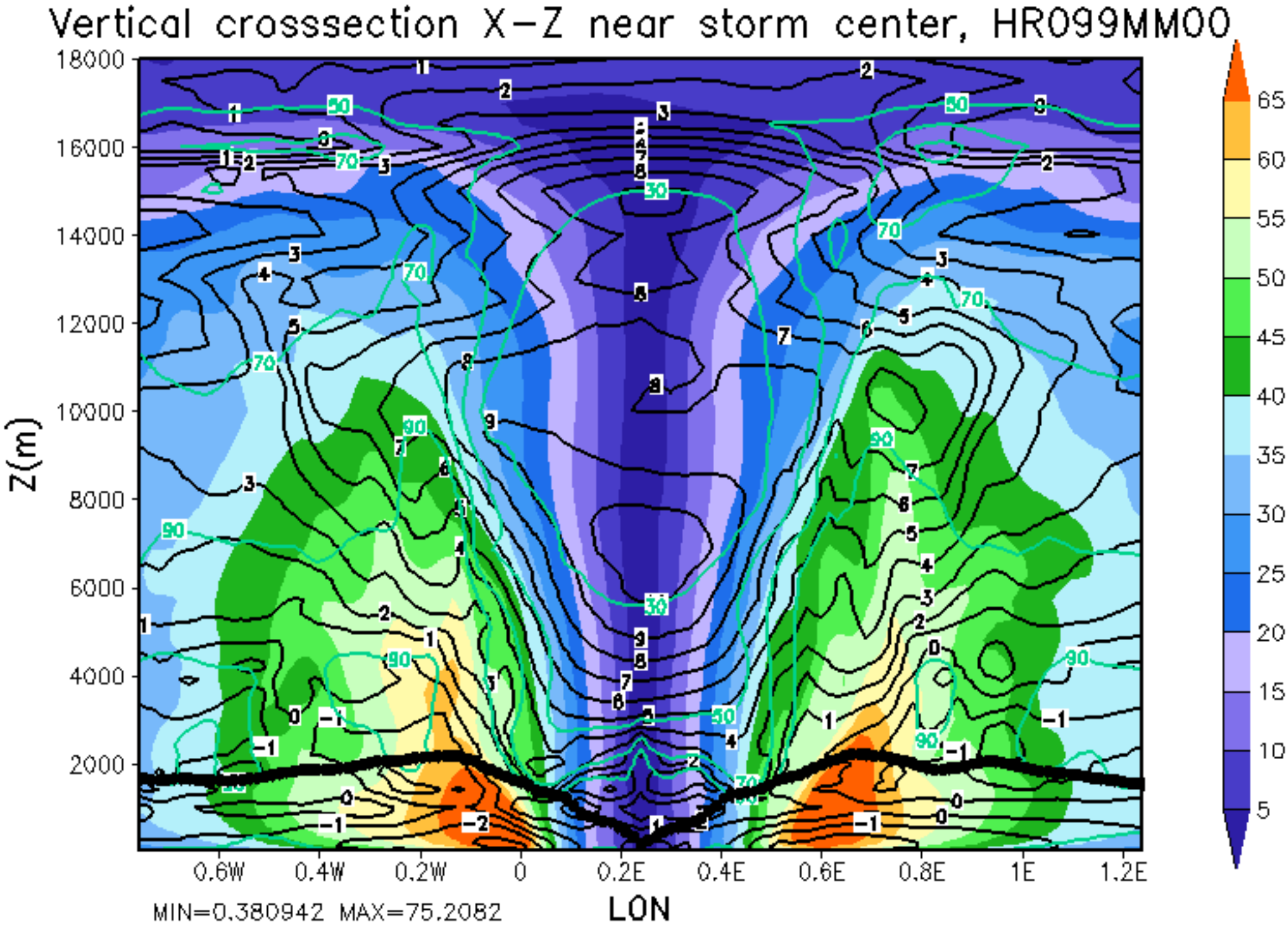
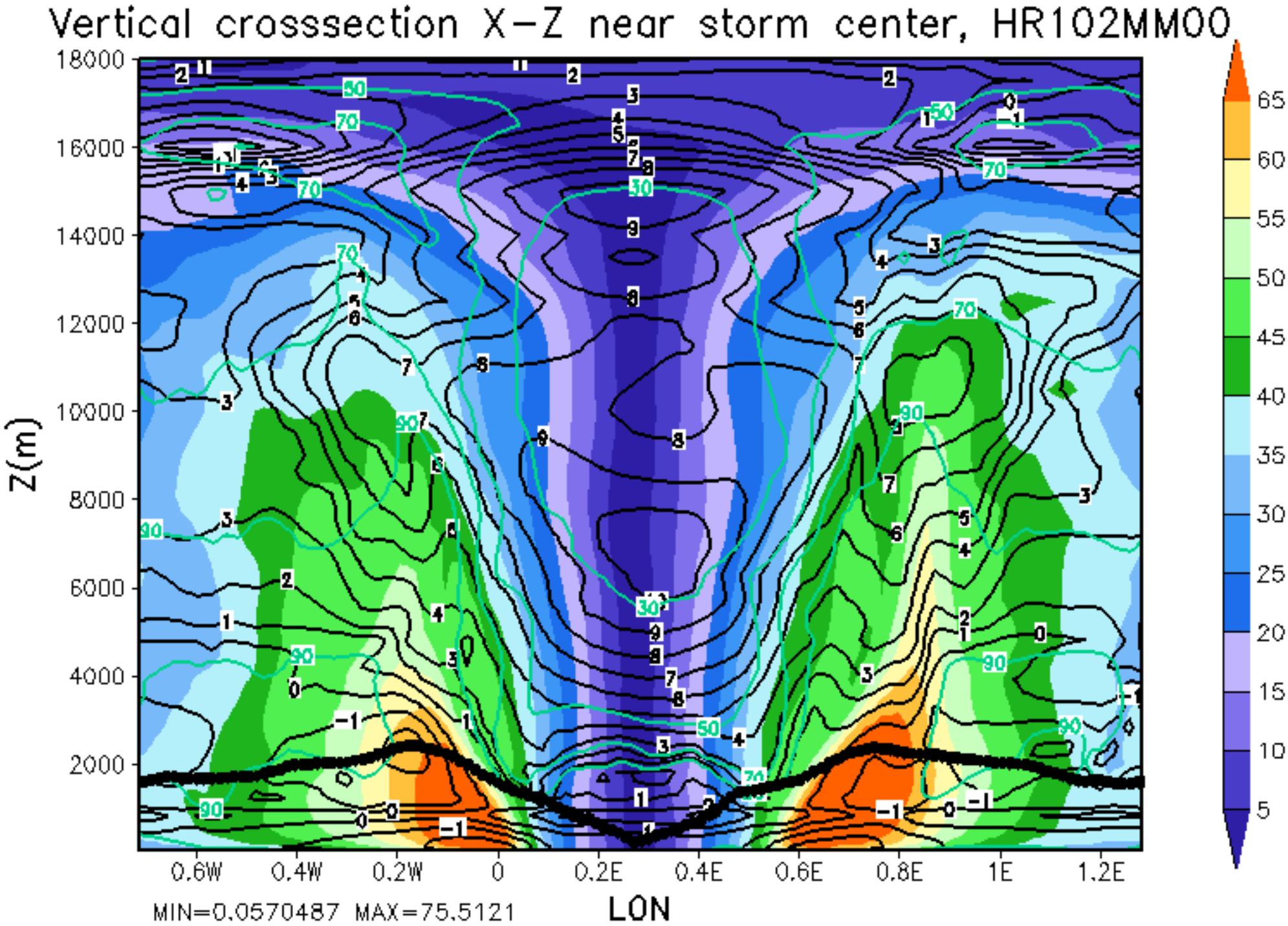
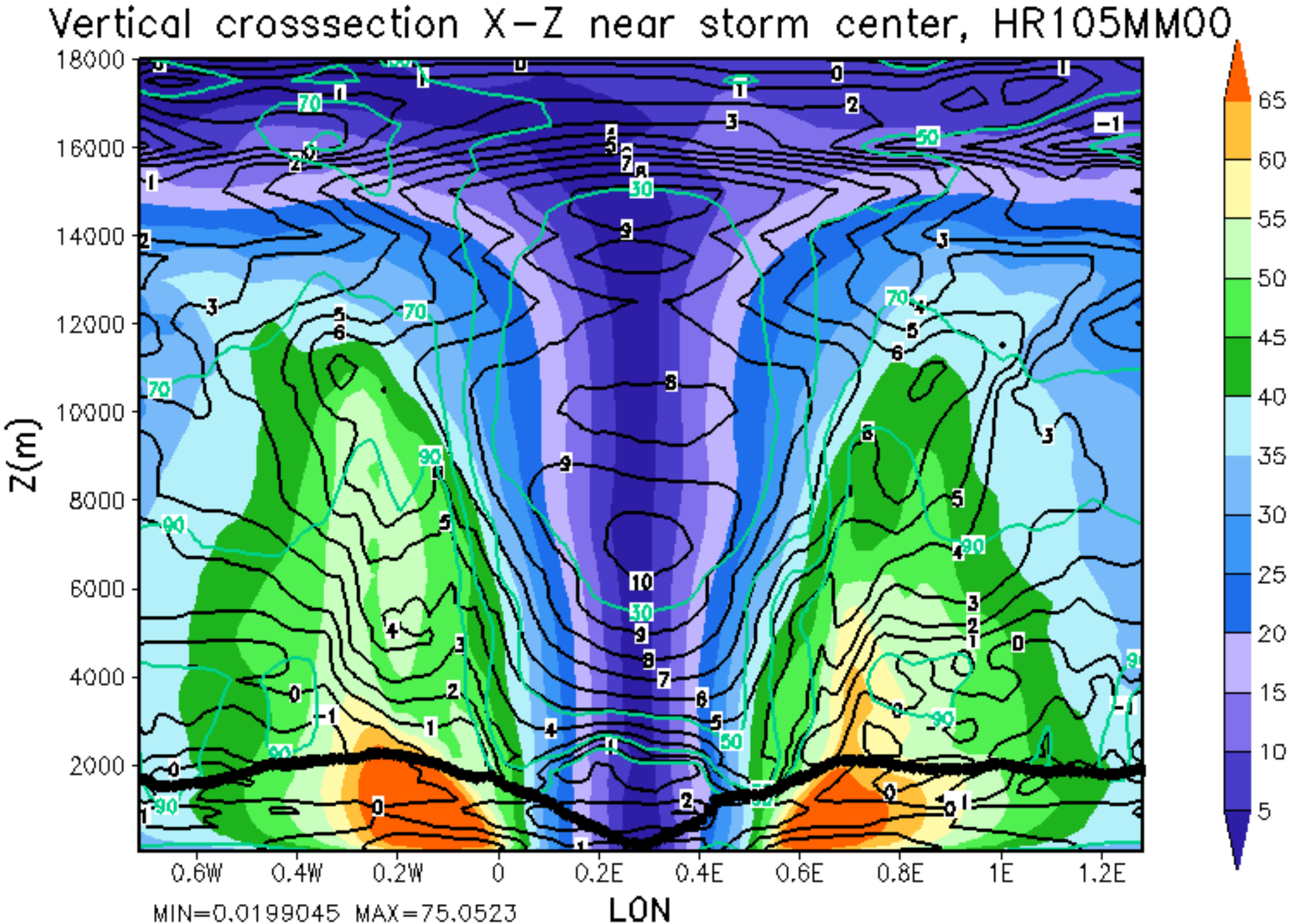
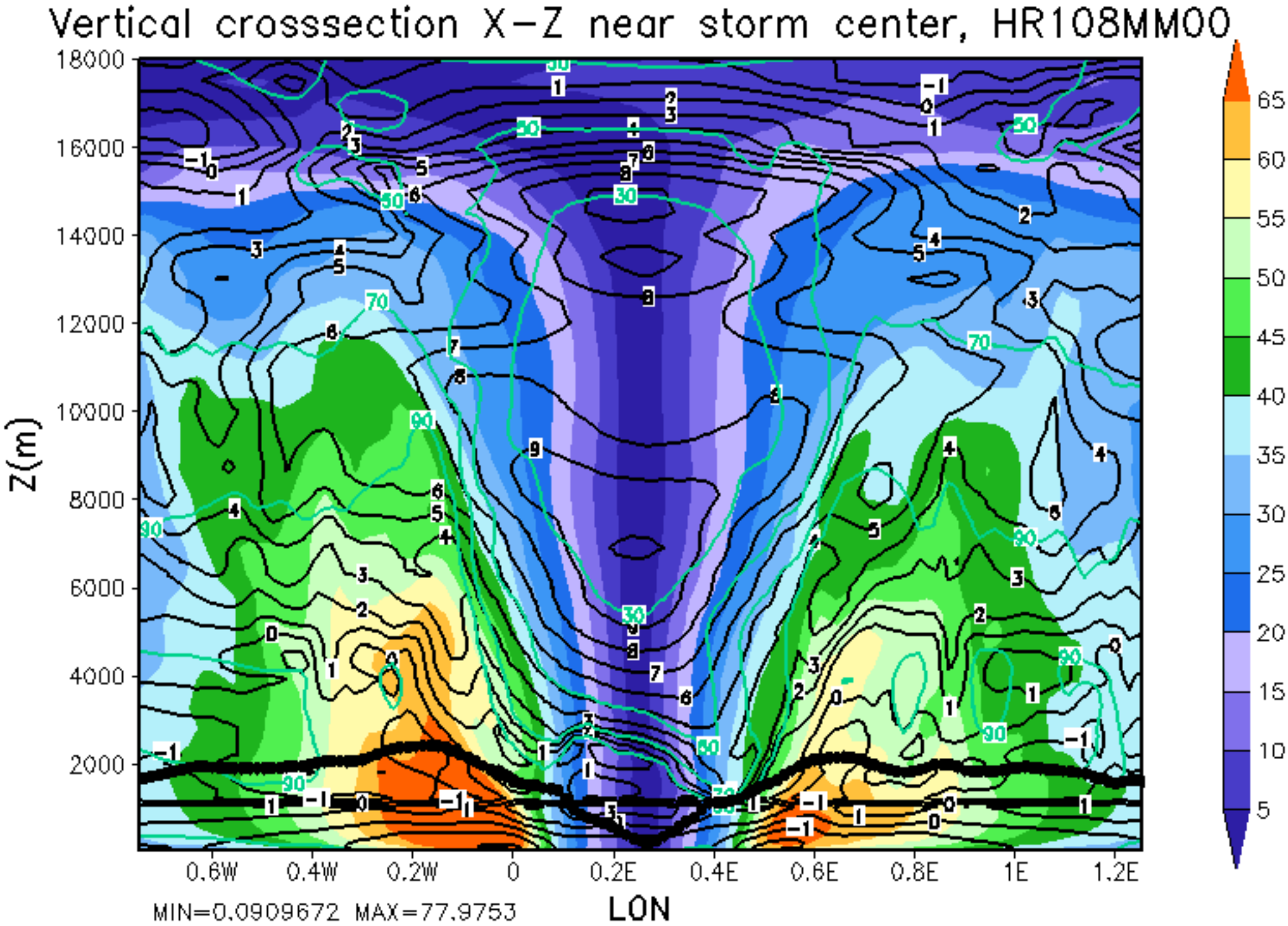
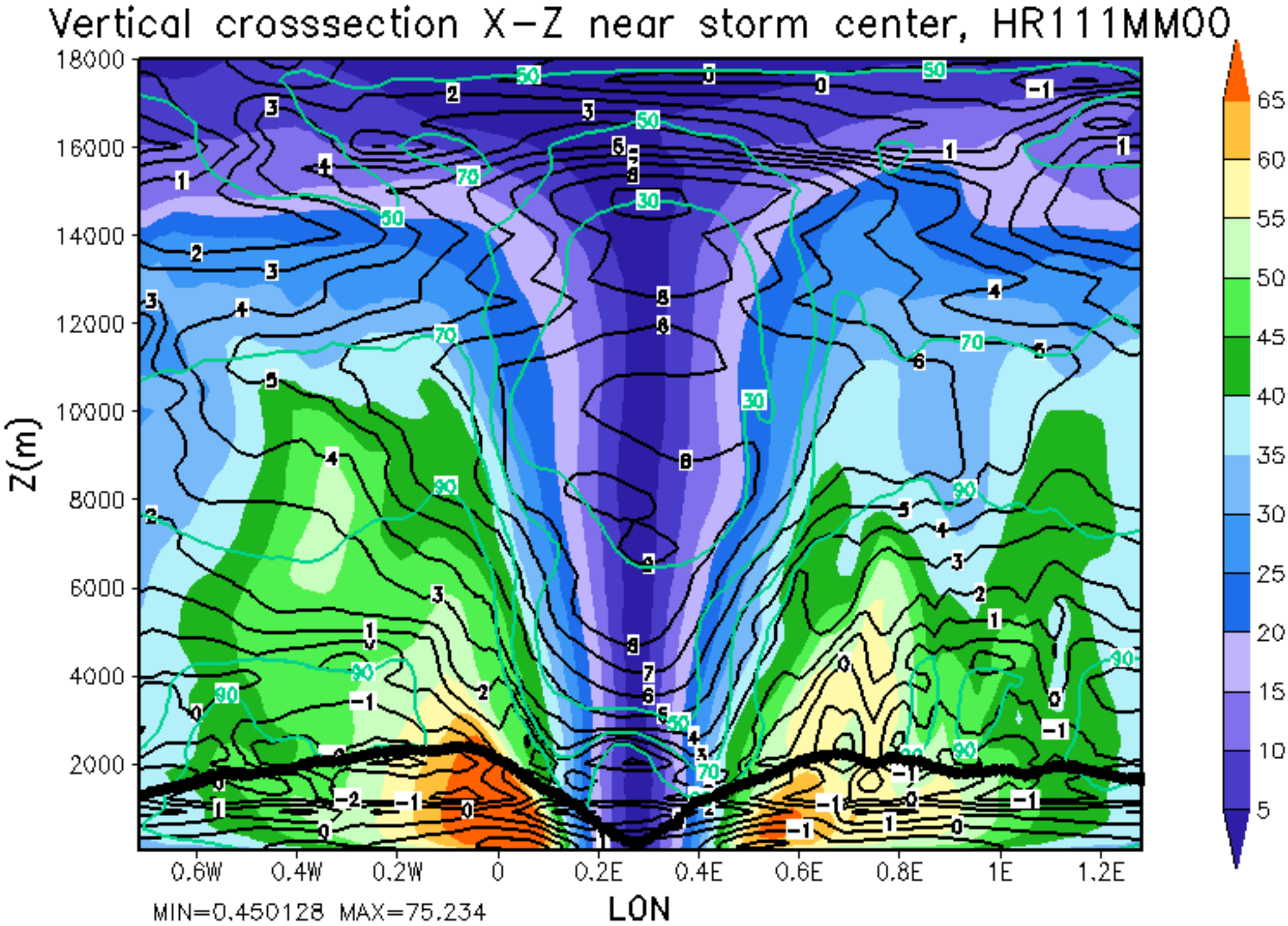
30
25
20
15
10
5

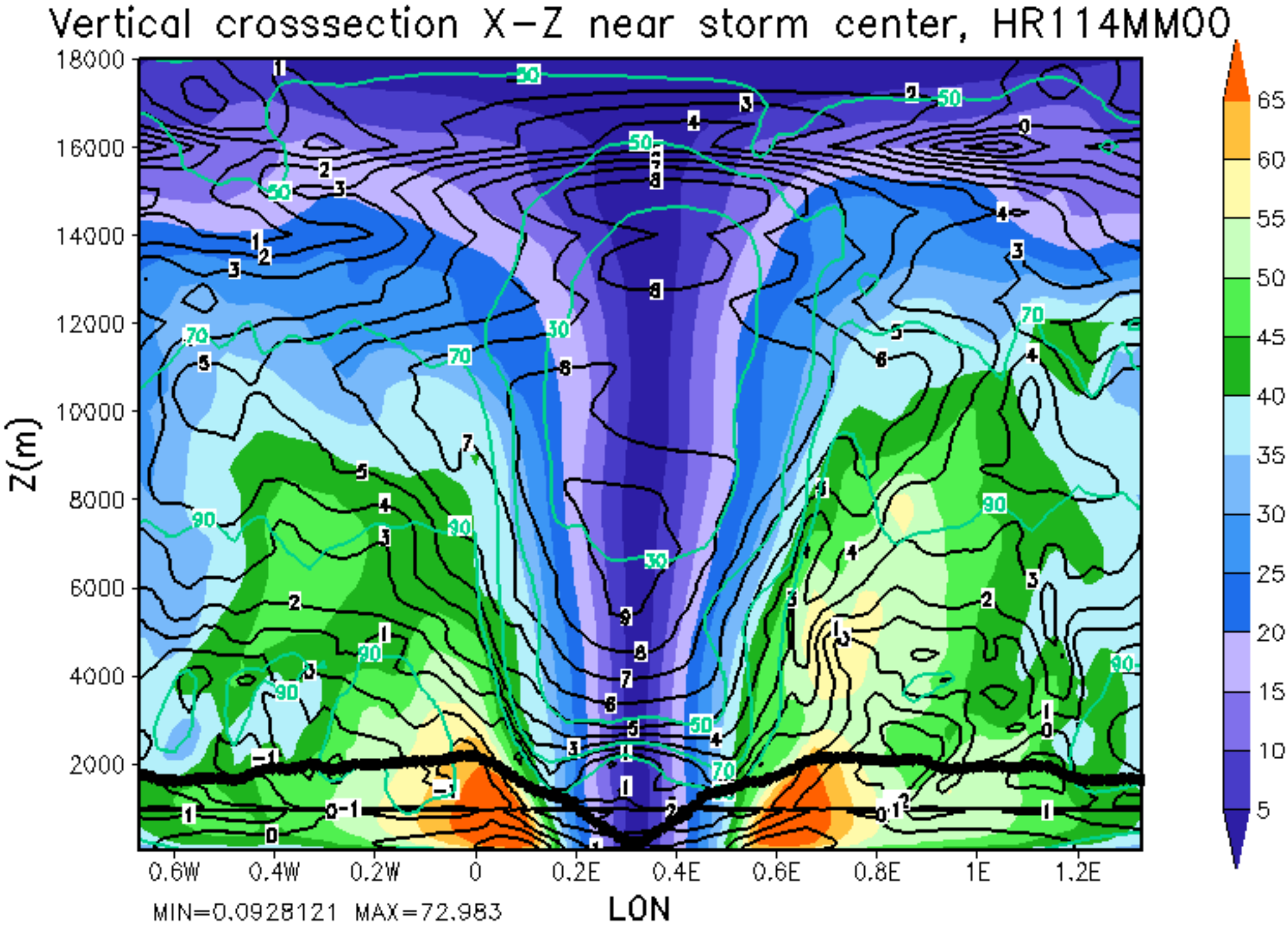

Vertical crosssection X−Z near storm center, HR099MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.380942 MAX=75.2082
65
60
55
50
45
40
35
30
25
20
15
10
5

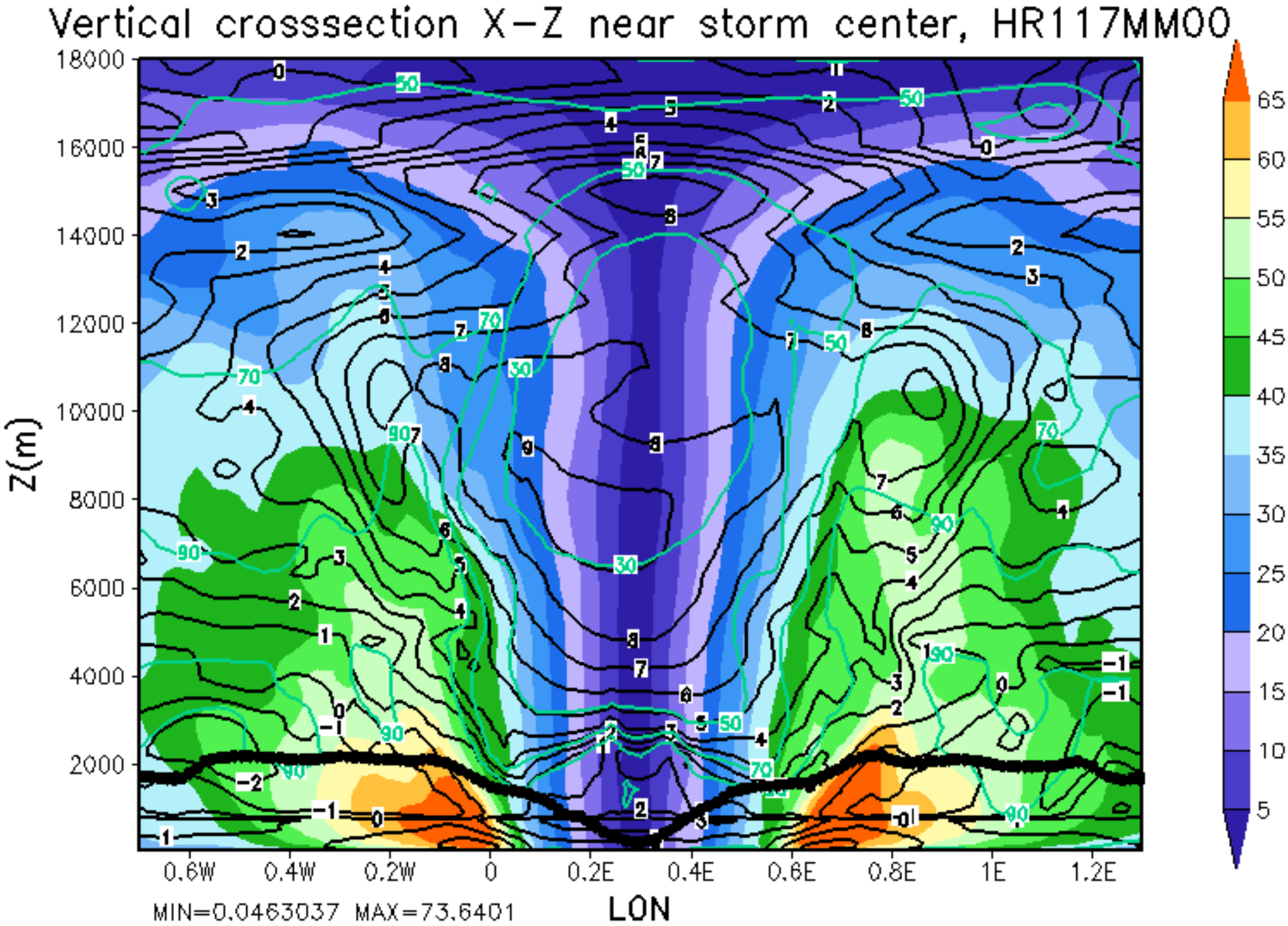

Vertical crosssection X-Z near storm center, HR102MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.0570487 MAX=75.5121
65
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR105MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.0199045 MAX=75.0523
65
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR108MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.0909672 MAX=77.9753
65
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR111MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.450128 MAX=75.234
65
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR114MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.0928121 MAX=72.983
65
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR117MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.0463037 MAX=73.6401
65
60
55
50
45
40
35
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25
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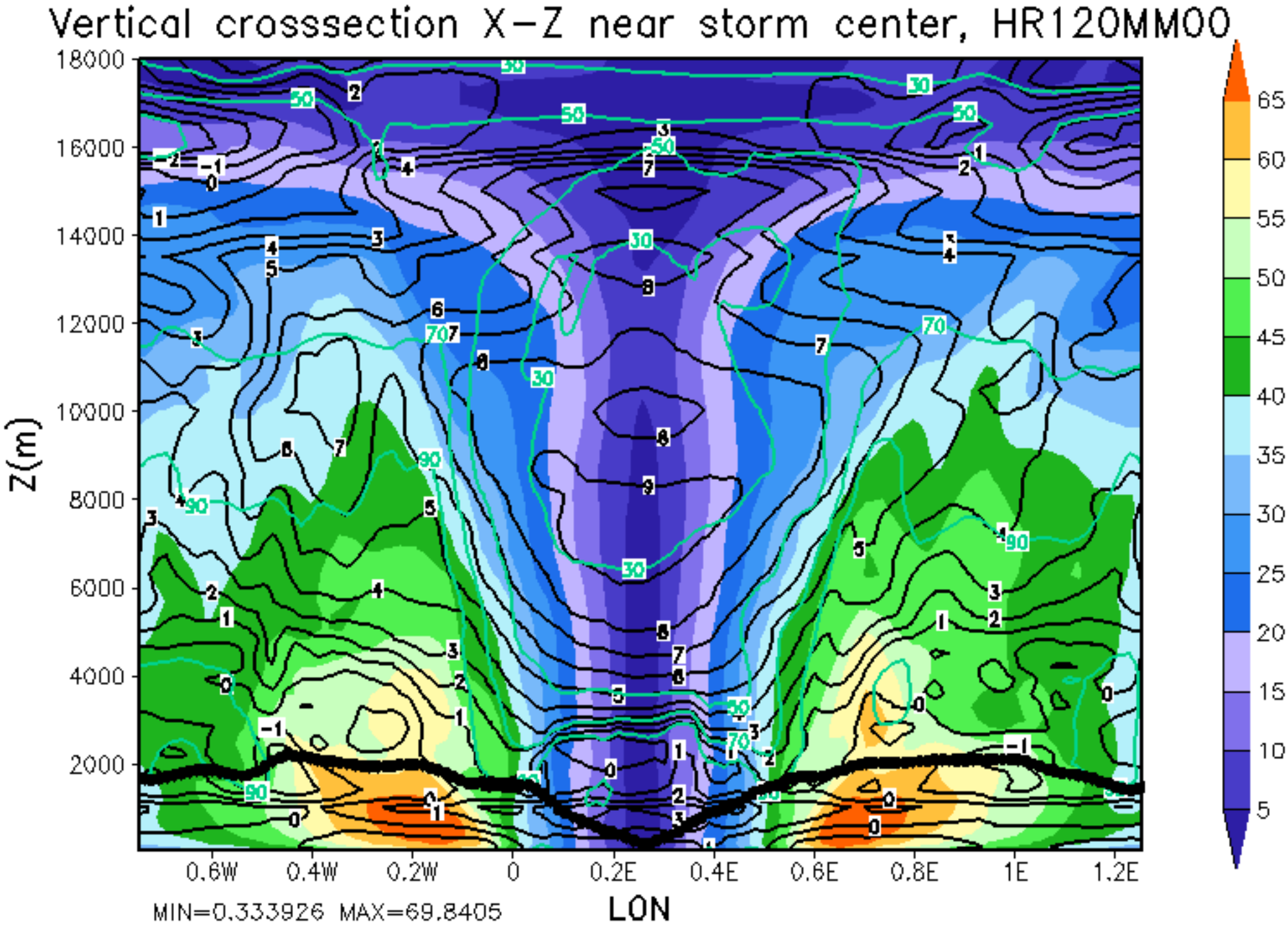
15
10
5


Vertical crosssection X-Z near storm center, HR120MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.333926 MAX=69.8405
65
60
55
50
45
40
35
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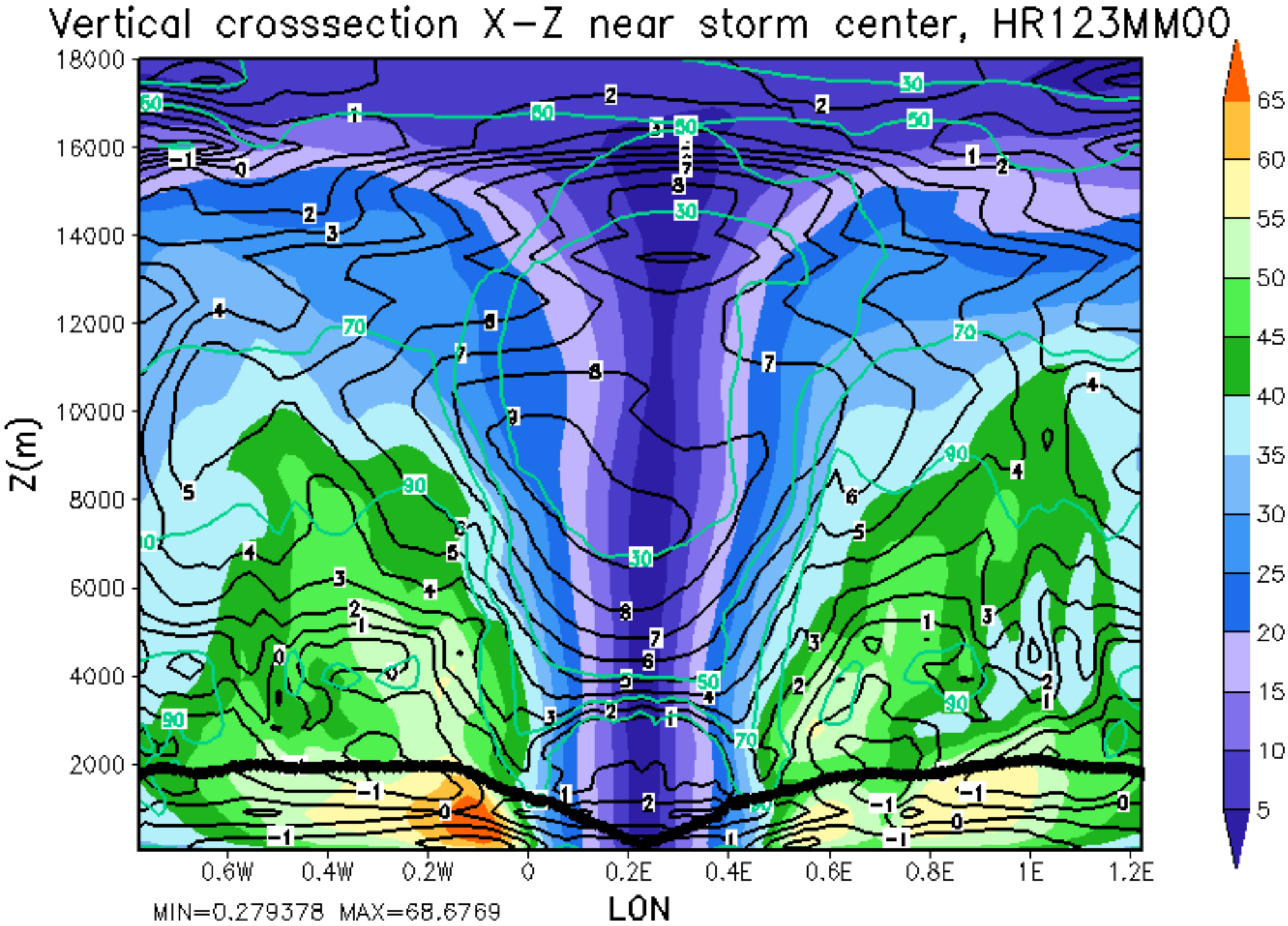
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR123MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.279378 MAX=68.6769
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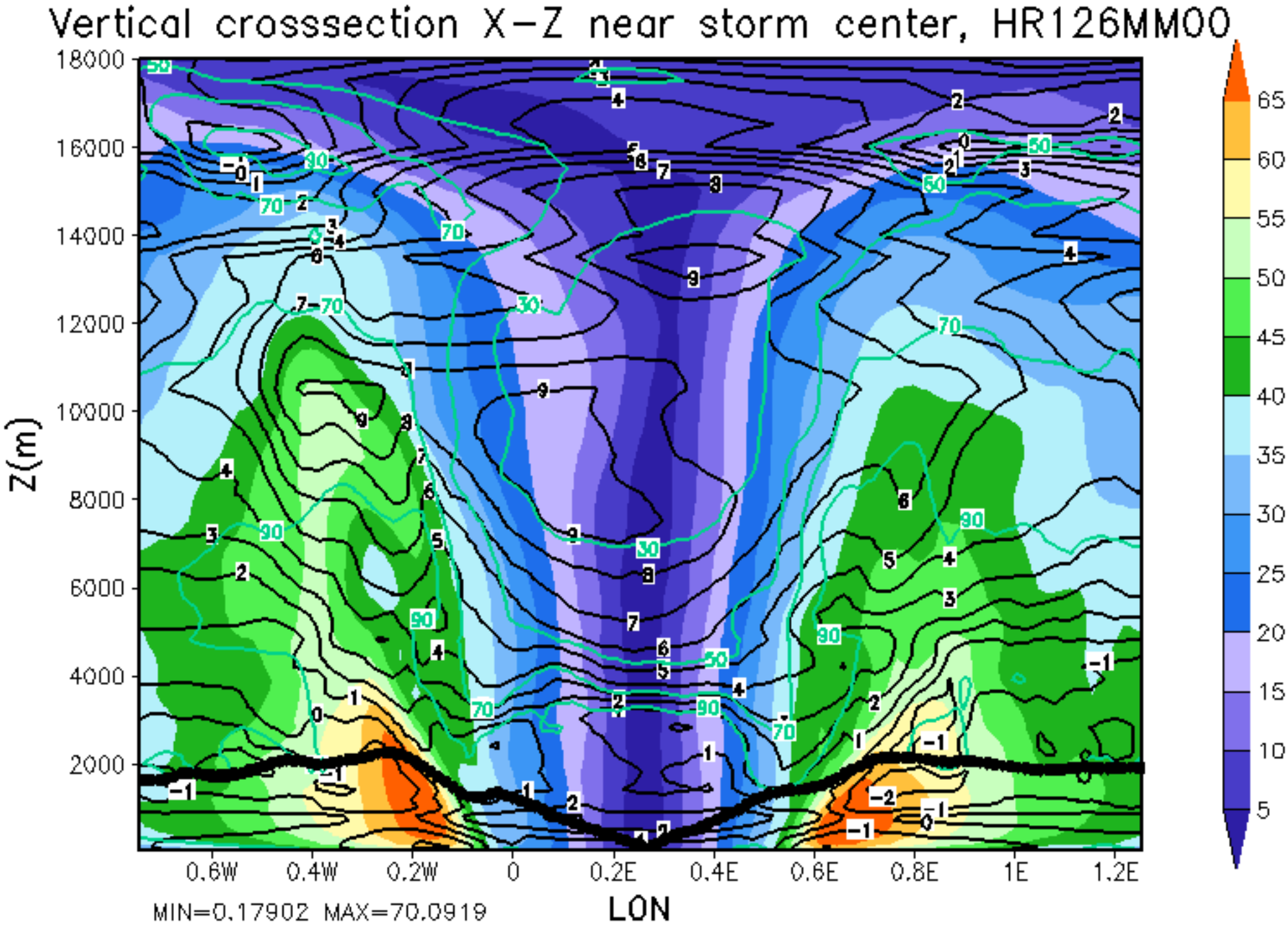
60
55
50
45
40
35
30
25
20
15
10
5


Vertical crosssection X-Z near storm center, HR126MM00
Z(m)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0.6W
0.4W
0.2W
0
0.2E
0.4E
0.6E
0.8E
1E
1.2E
LON
MIN=0.17902 MAX=70.0919
65
60
55
50
45
40
35
30
25
20
15
10
5