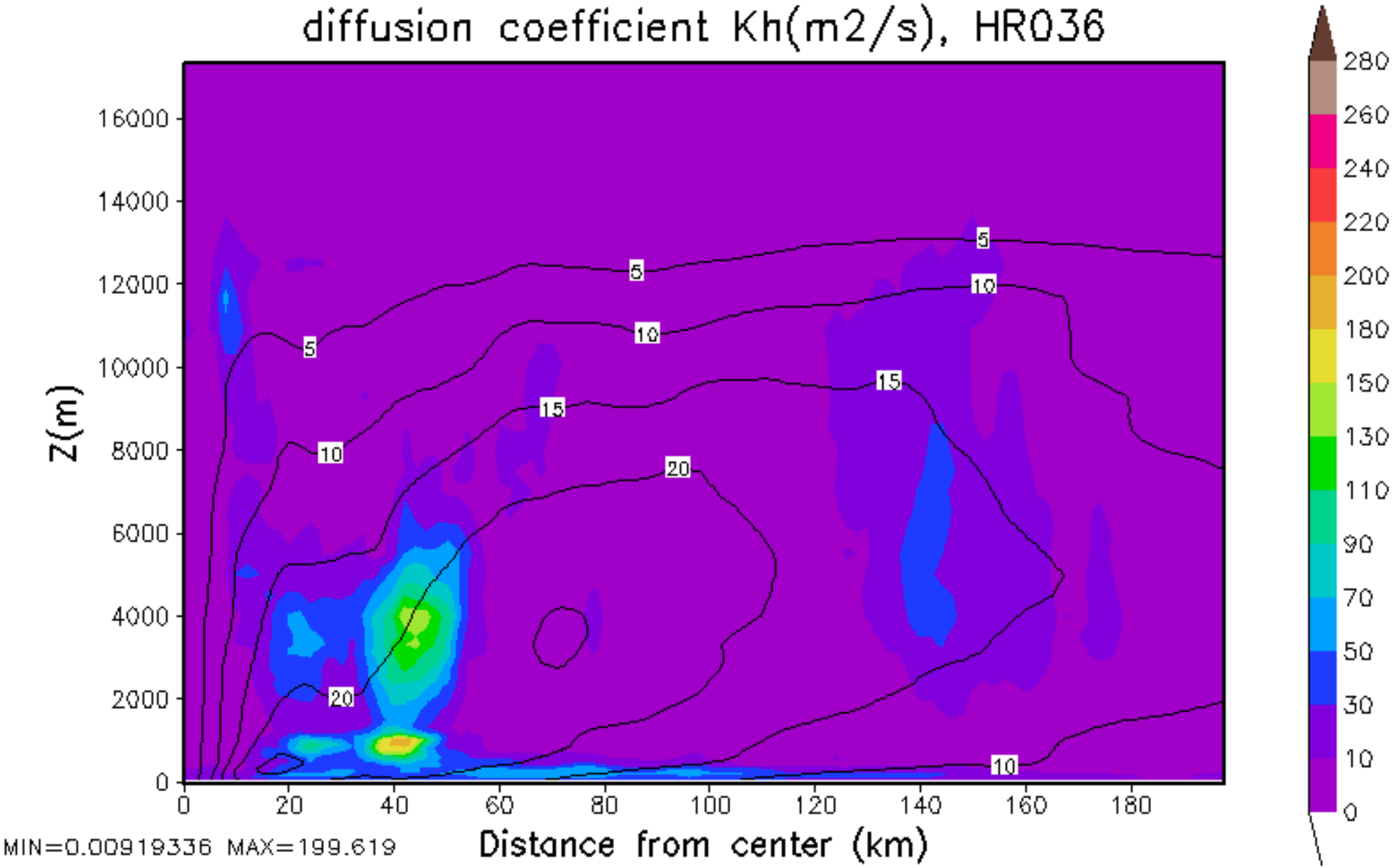
diffusion coefficient Kh(m2/s), HR036
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160
180
Distance from center (km)
MIN=0.00919336 MAX=199.619
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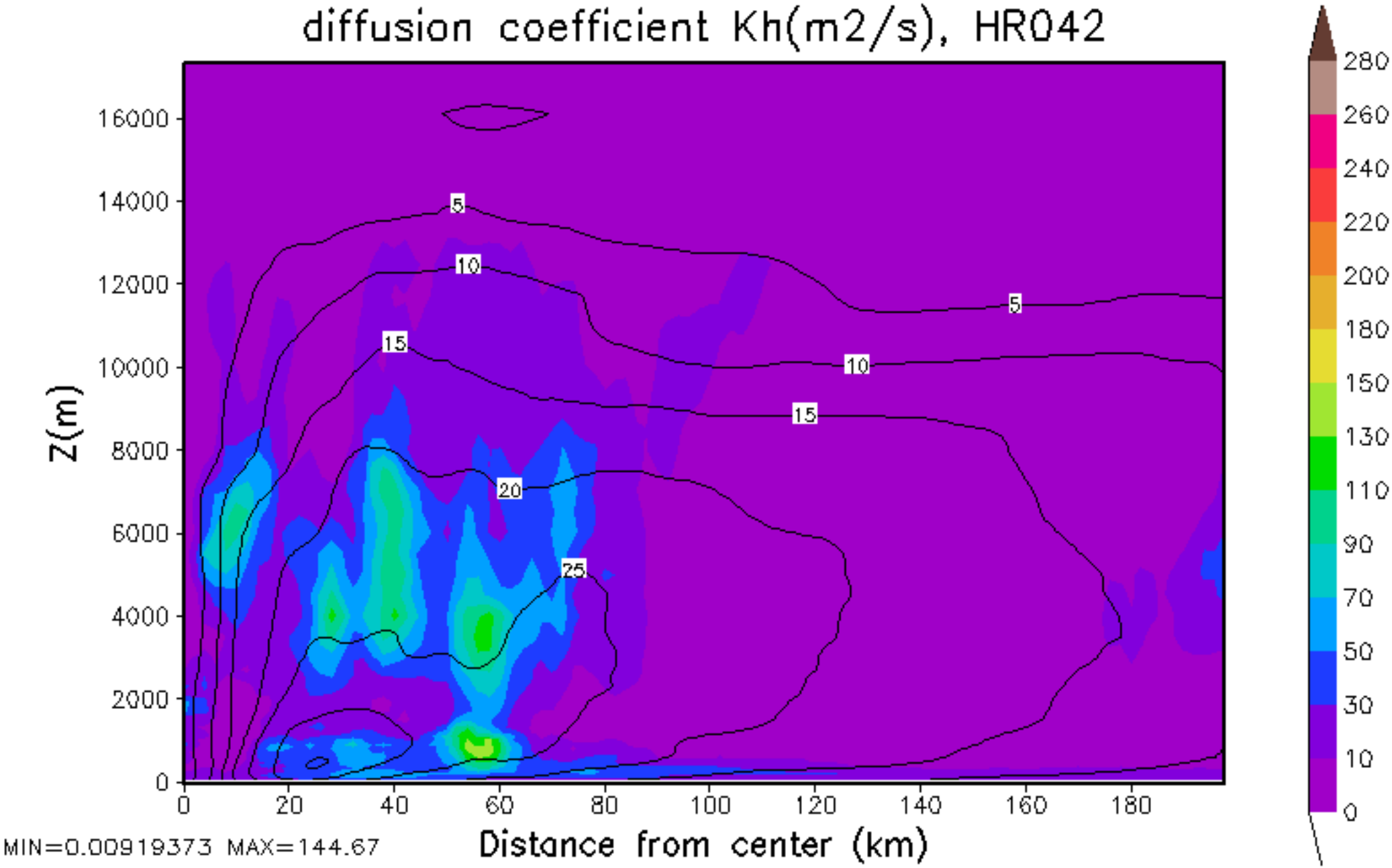
diffusion coefficient Kh(m2/s), HR042
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100
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180
Distance from center (km)
5
10
15
20
25
5
10
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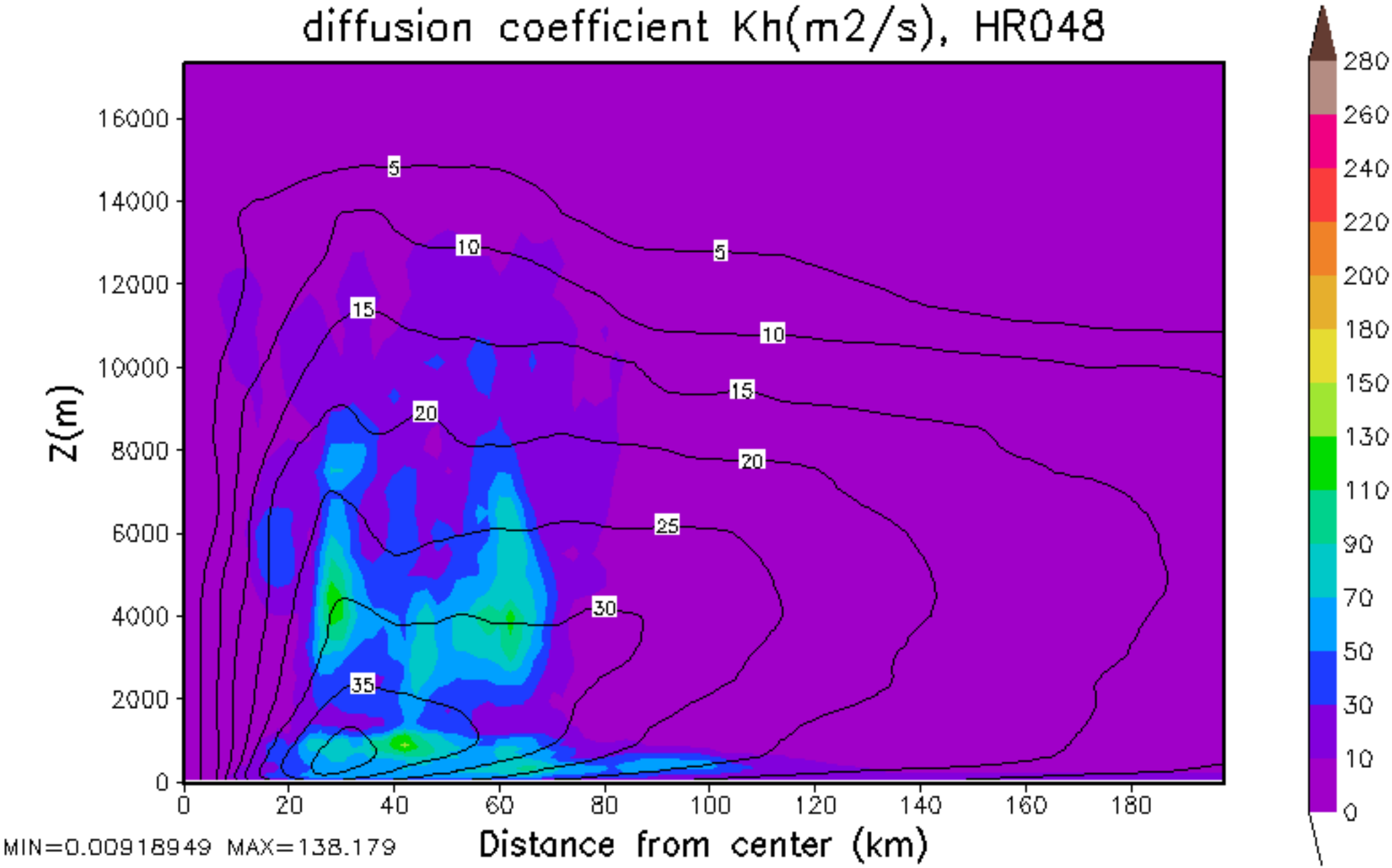
diffusion coefficient Kh(m2/s), HR048
Z(m)
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80
100
120
140
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180
Distance from center (km)
5
10
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20
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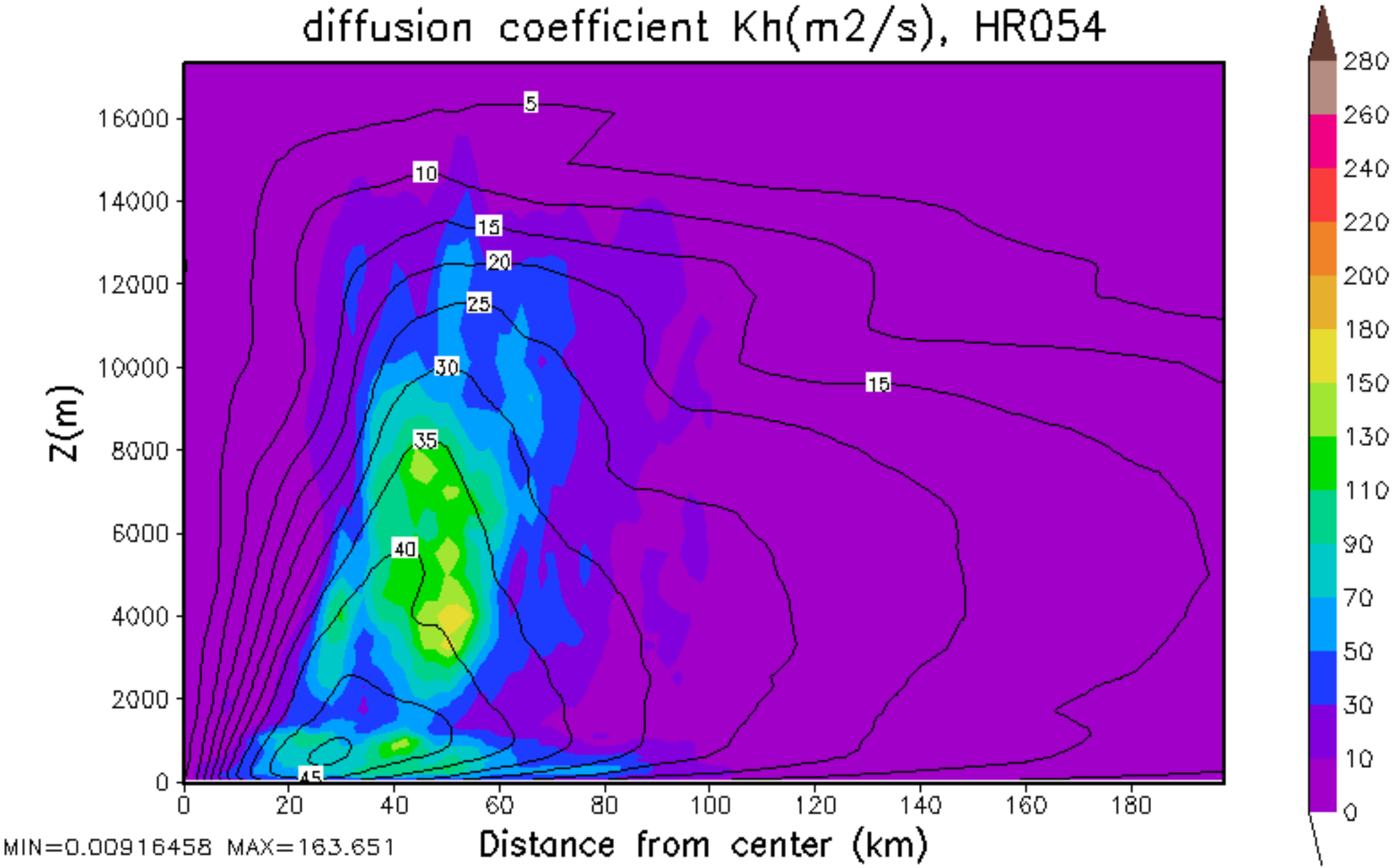
diffusion coefficient Kh(m2/s), HR054
Z(m)
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Distance from center (km)
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20
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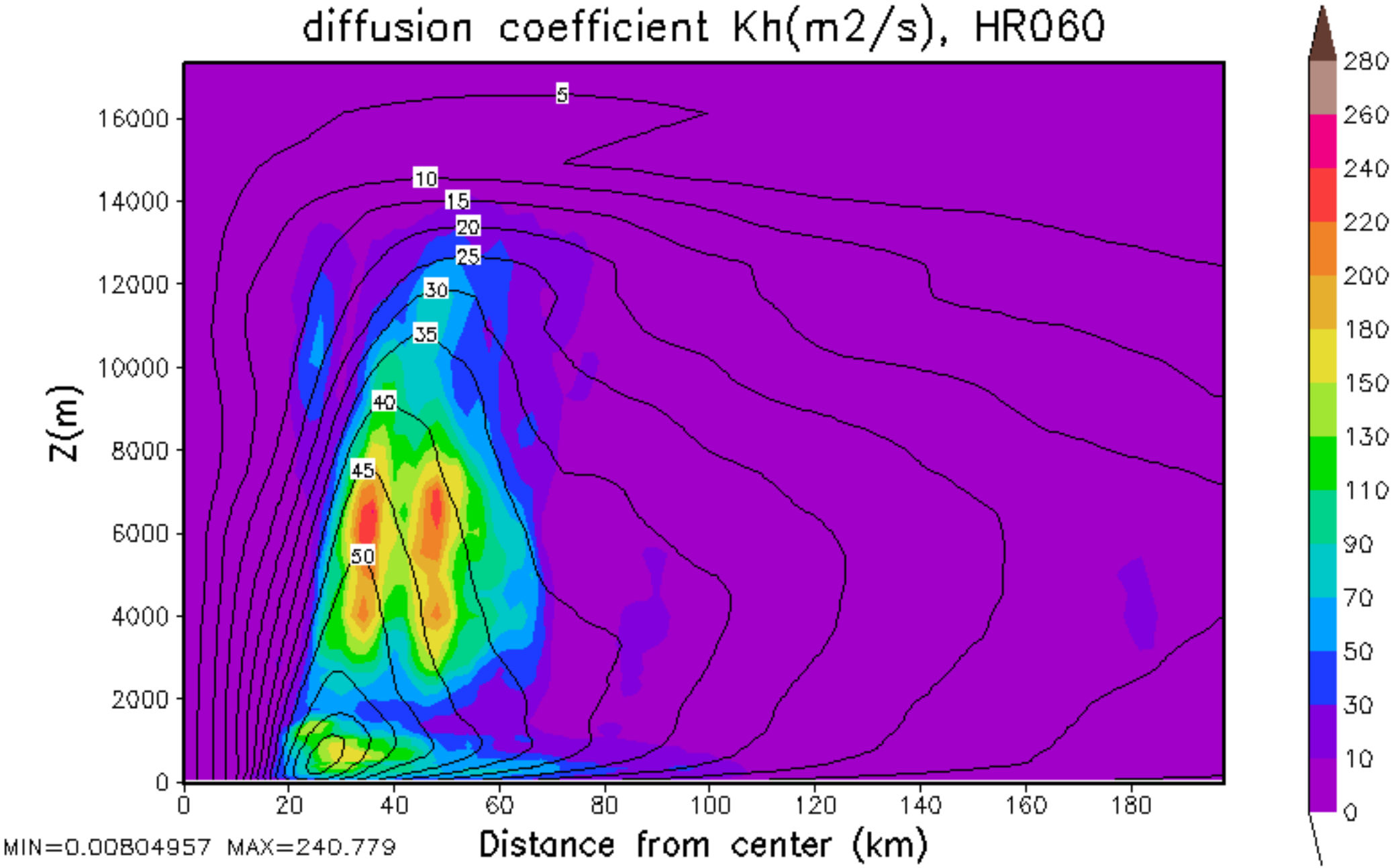
diffusion coefficient Kh(m2/s), HR060
Z(m)
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Distance from center (km)
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20
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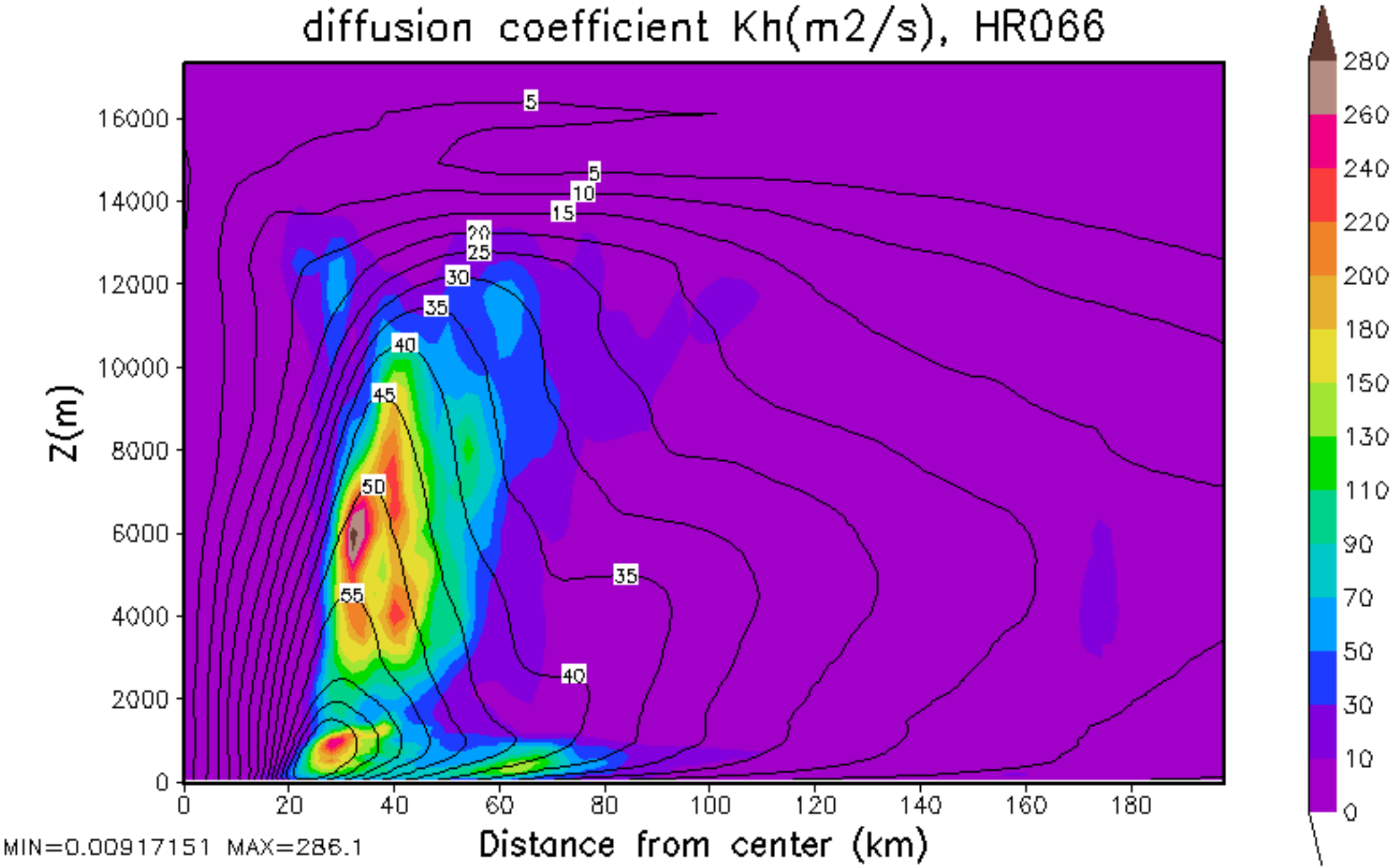
diffusion coefficient Kh(m2/s), HR066
Z(m)
Distance from center (km)
MIN=0.00917151 MAX=286.1
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6000
8000
10000
12000
14000
16000
0
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120
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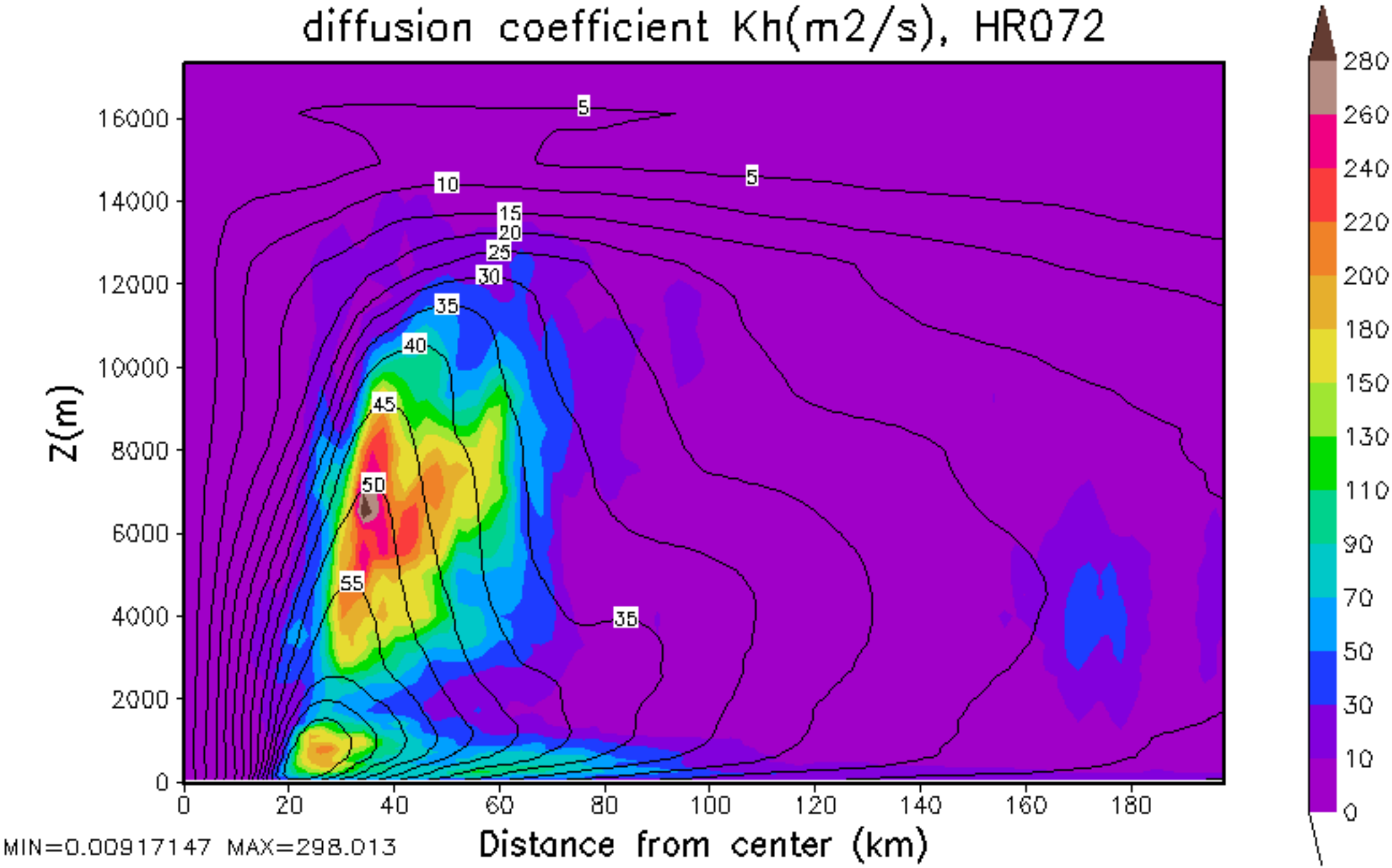
diffusion coefficient Kh(m2/s), HR072
Z(m)
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10000
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6000
4000
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60
80
100
120
140
160
180
Distance from center (km)
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35
40
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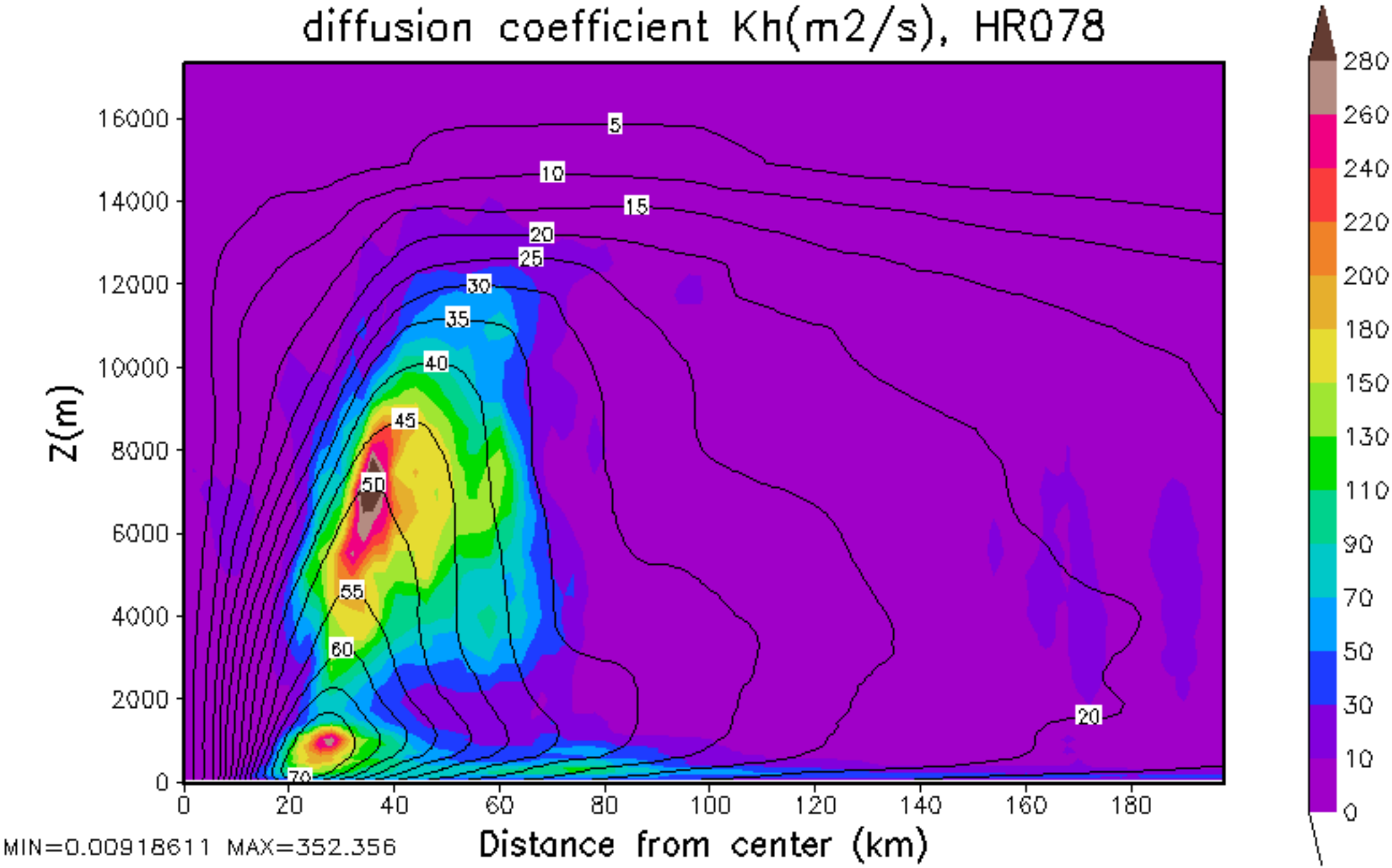
diffusion coefficient Kh(m2/s), HR078
Z(m)
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10000
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6000
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60
80
100
120
140
160
180
Distance from center (km)
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20
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35
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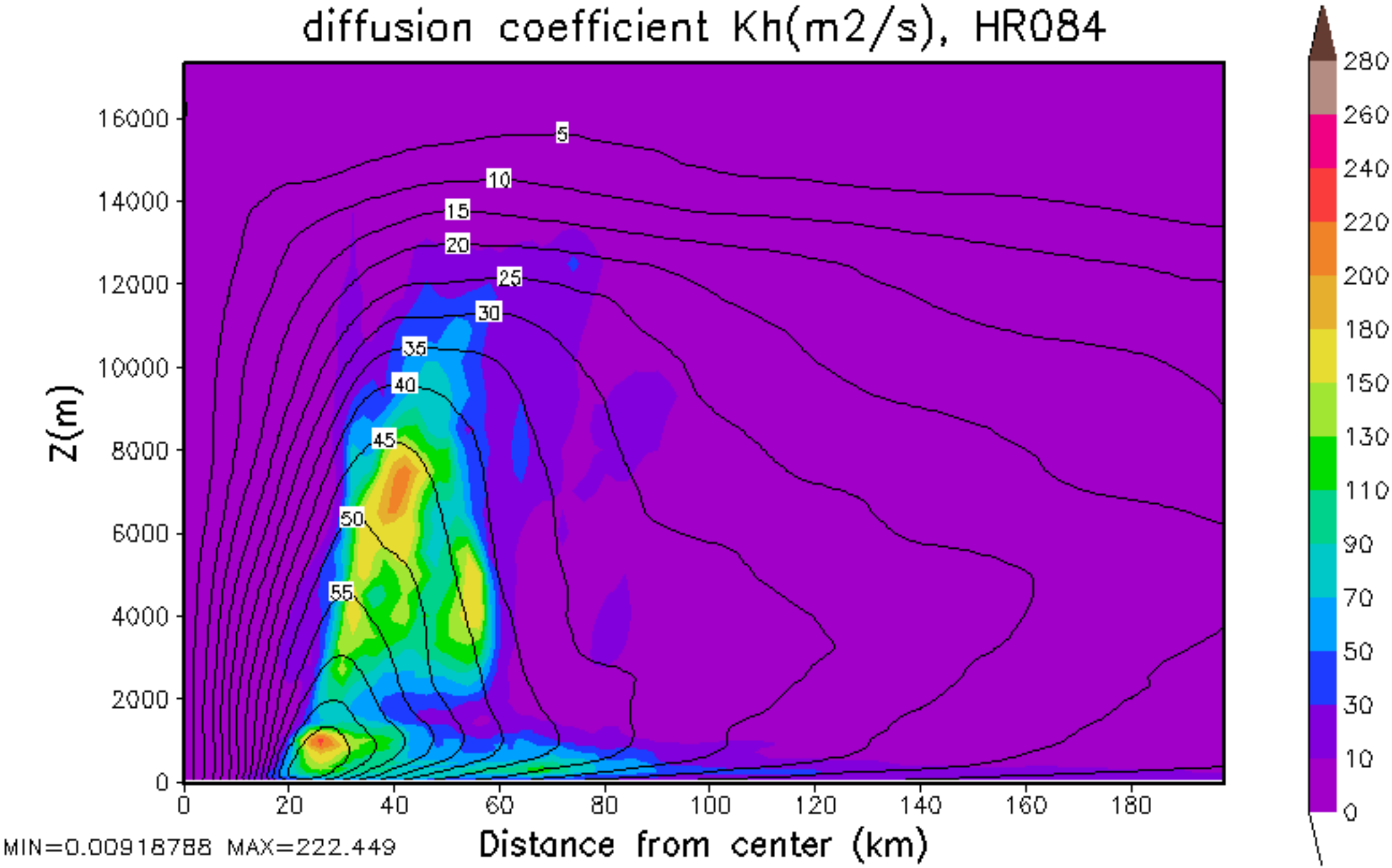
diffusion coefficient Kh(m2/s), HR084
Z(m)
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100
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180
Distance from center (km)
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25
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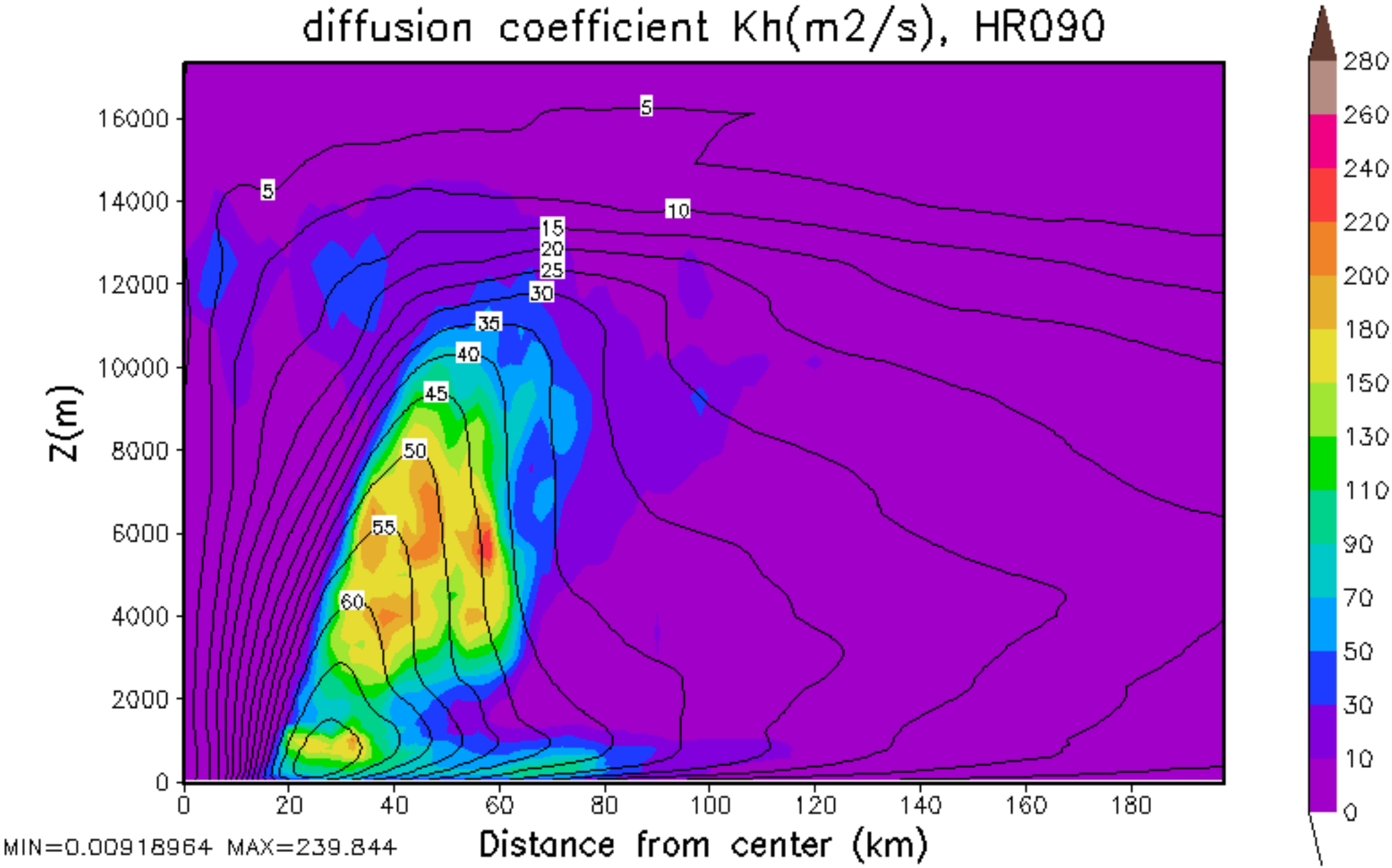
diffusion coefficient Kh(m2/s), HR090
Z(m)
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Distance from center (km)
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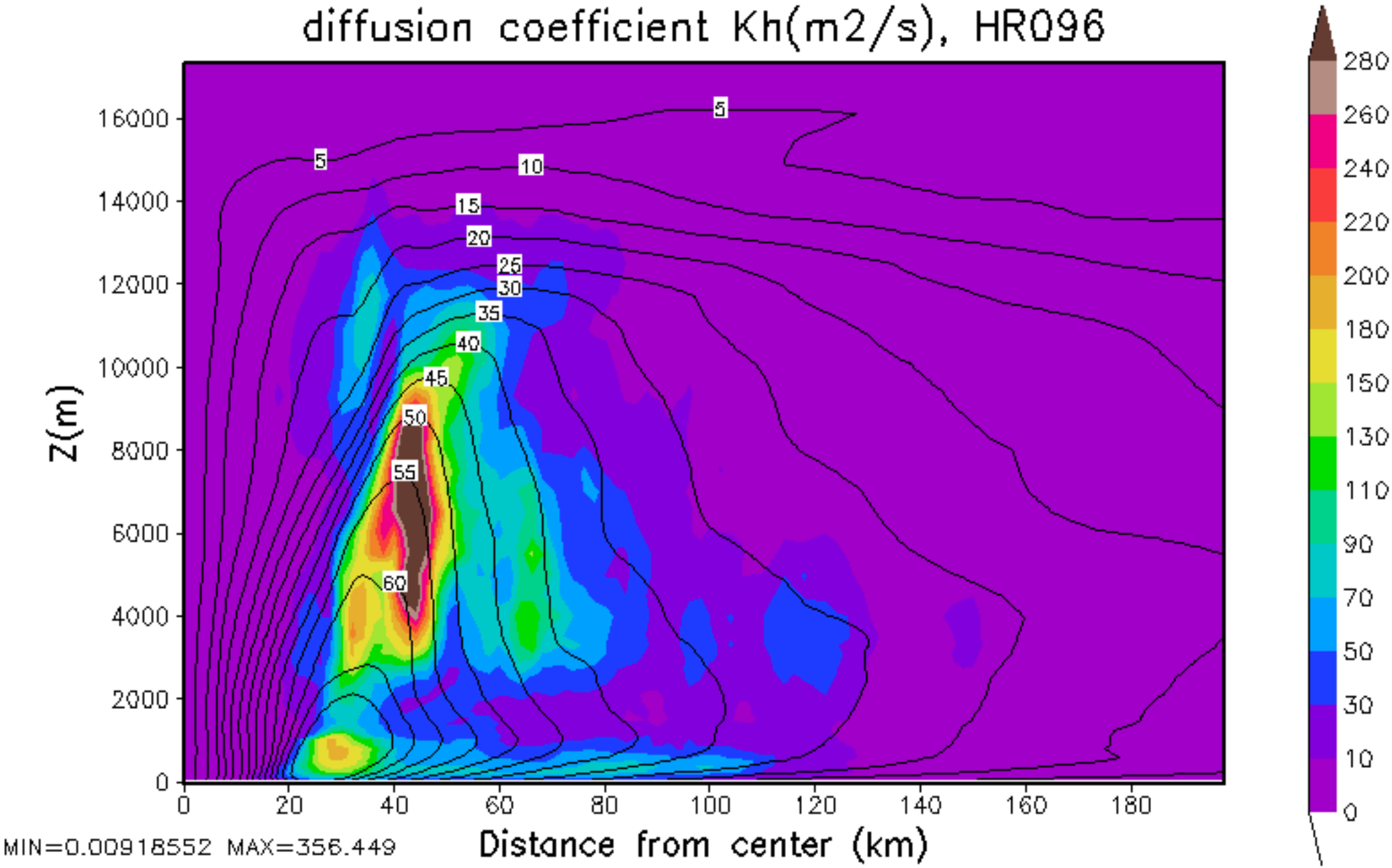
diffusion coefficient Kh(m2/s), HR096
Z(m)
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160
180
Distance from center (km)
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20
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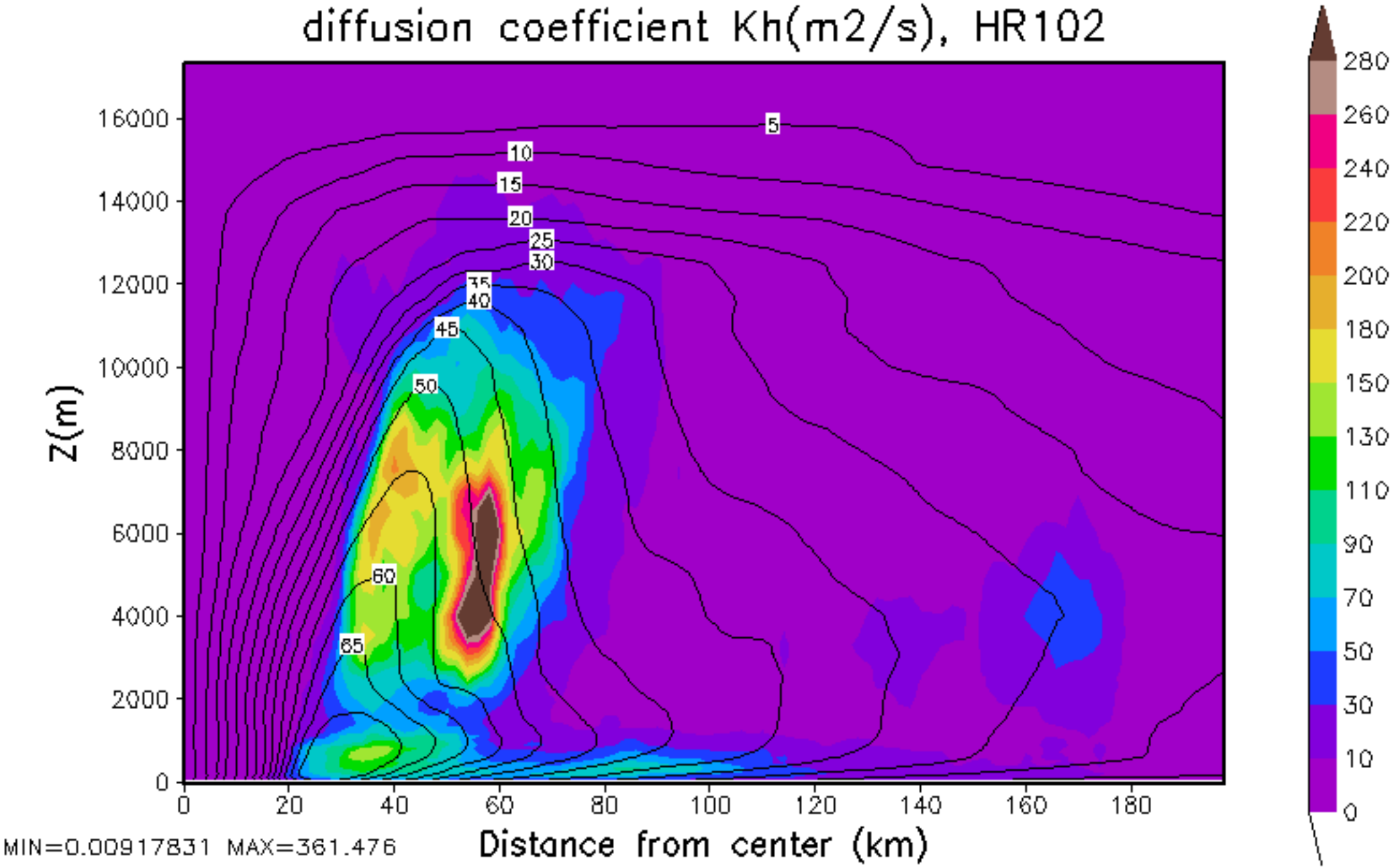
diffusion coefficient Kh(m2/s), HR102
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180
Distance from center (km)
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15
20
25
30
35
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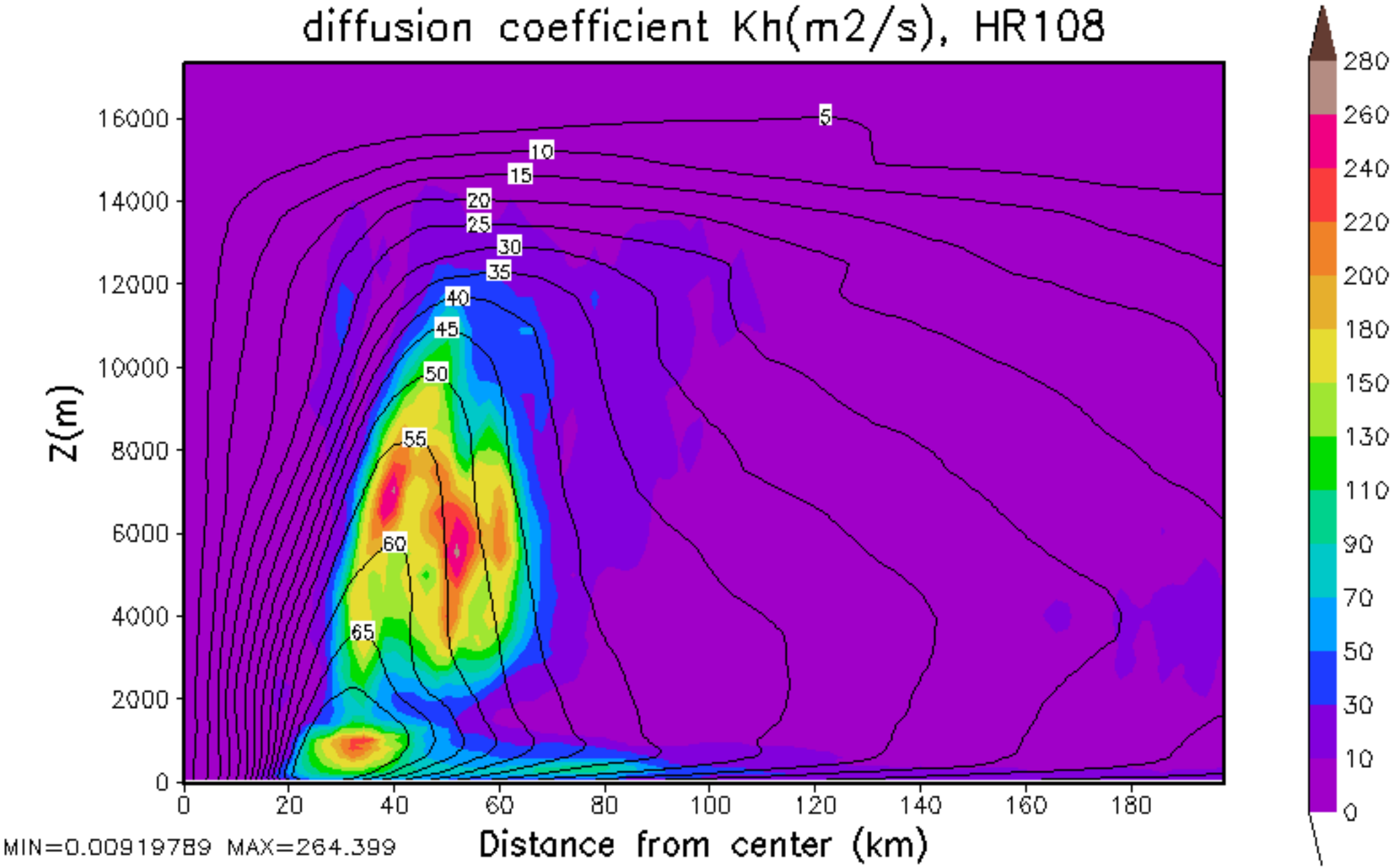
diffusion coefficient Kh(m2/s), HR108
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180
Distance from center (km)
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20
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30
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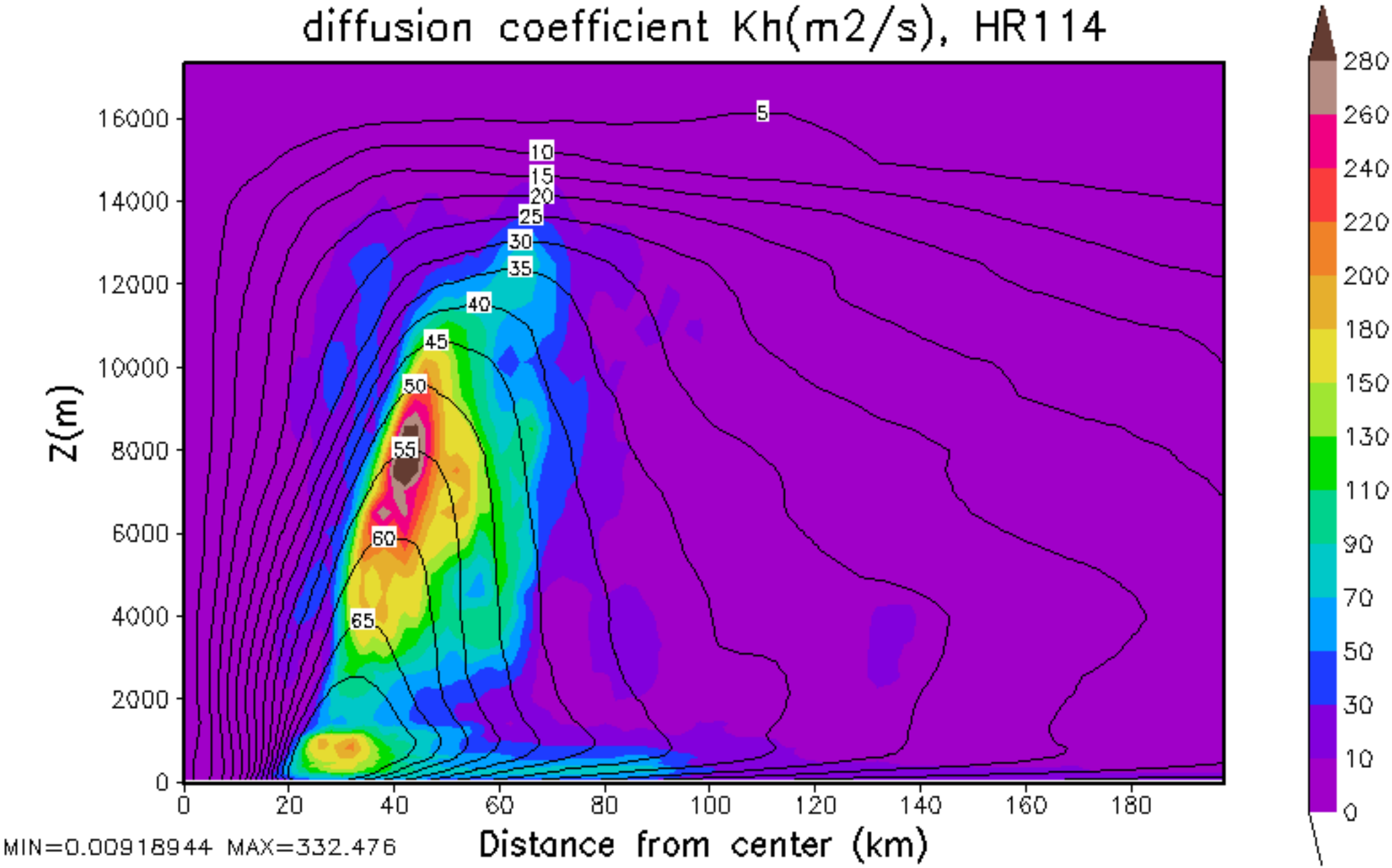
diffusion coefficient Kh(m2/s), HR114
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180
Distance from center (km)
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20
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30
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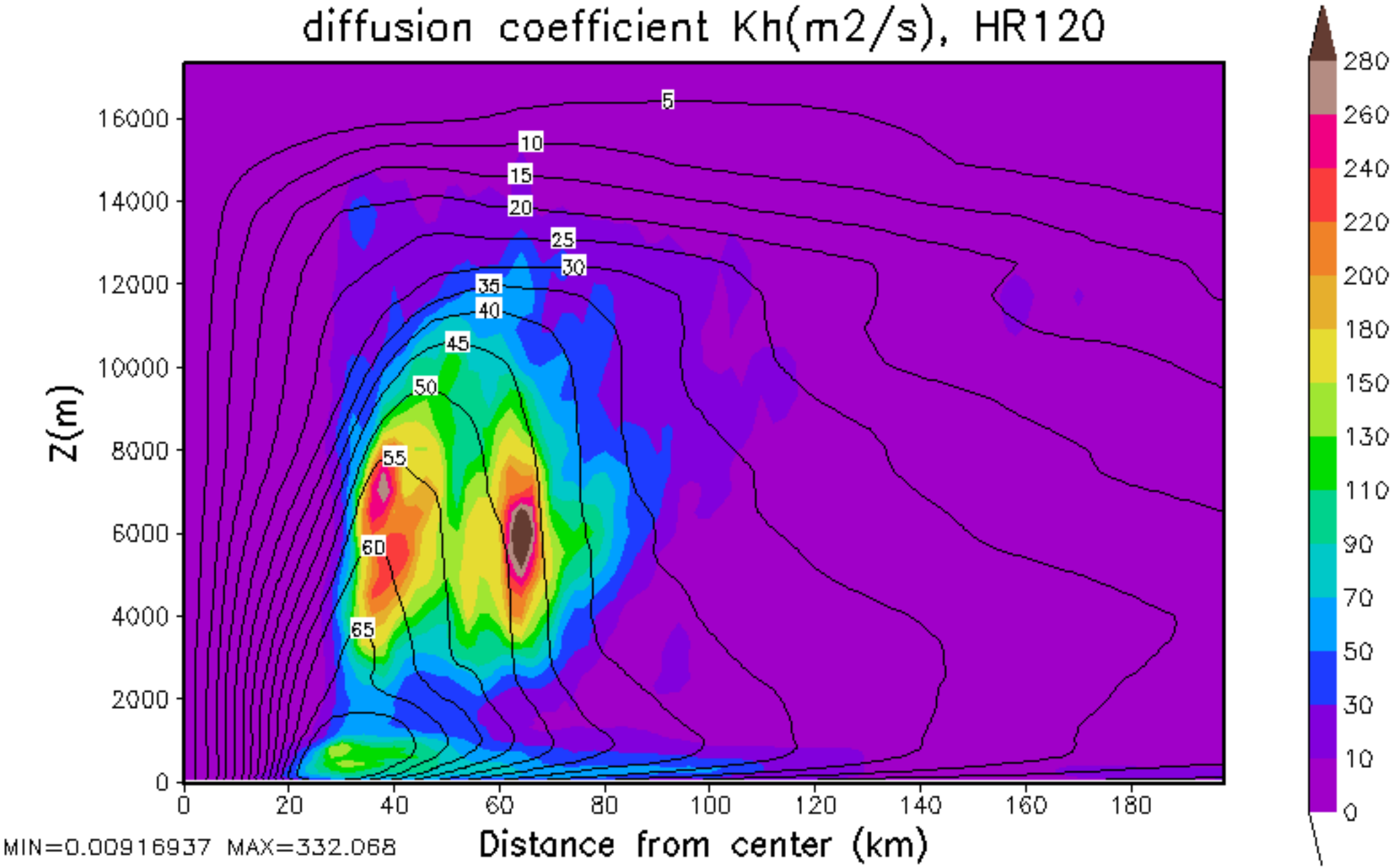
diffusion coefficient Kh(m2/s), HR120
Z(m)
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4000
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180
Distance from center (km)
5
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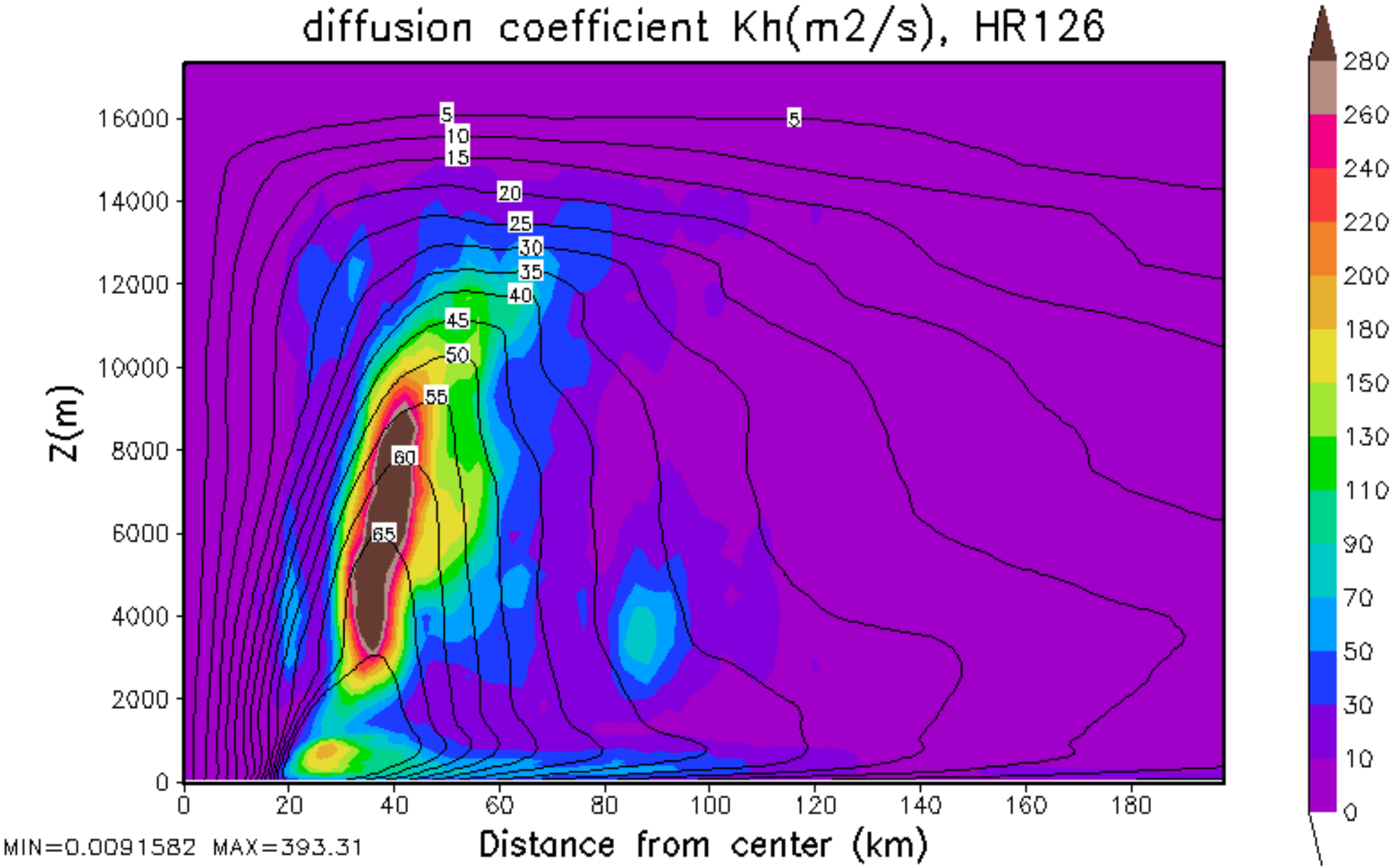
diffusion coefficient Kh(m2/s), HR126
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180
Distance from center (km)
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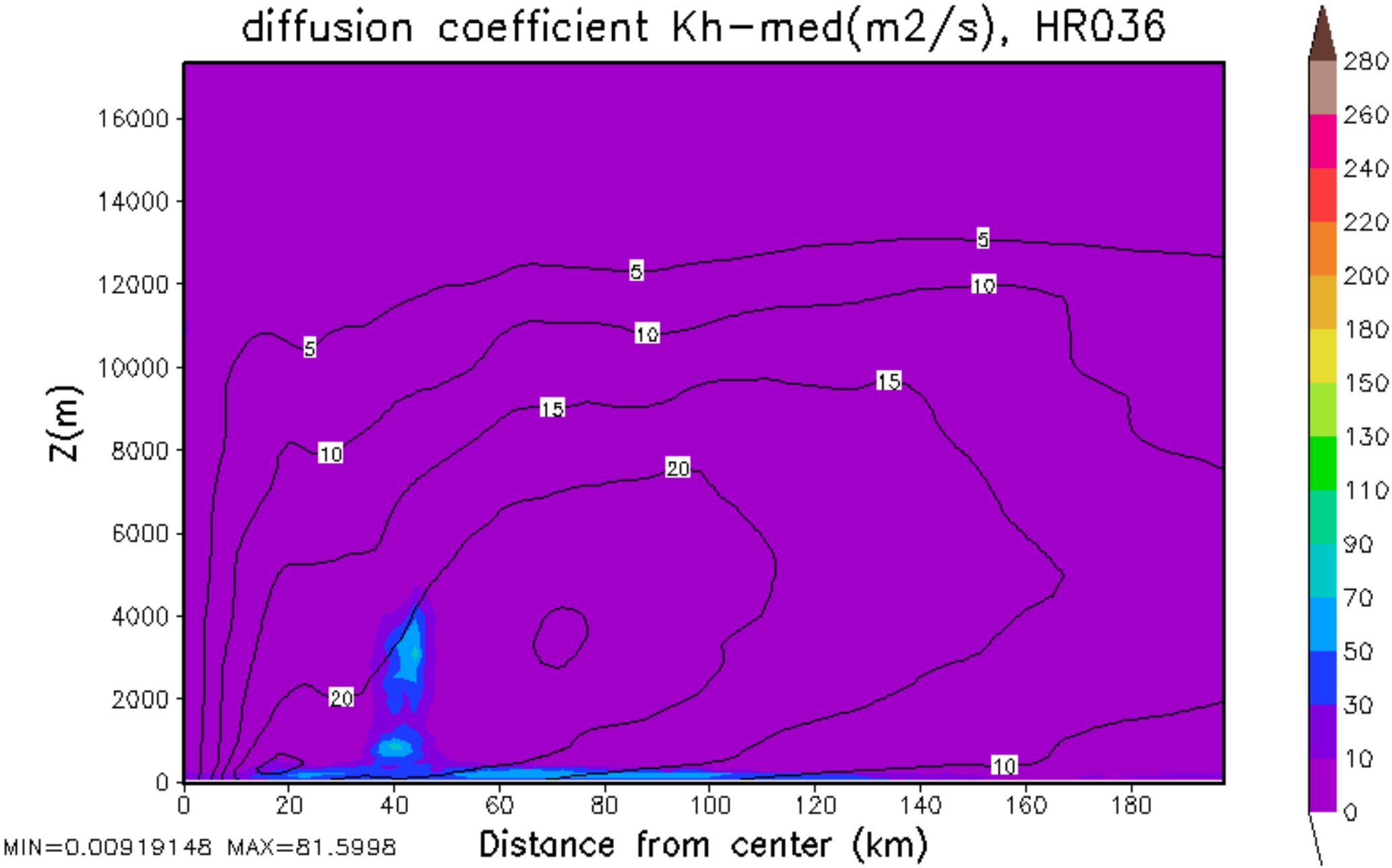
diffusion coefficient Kh-med(m2/s), HR036
Z(m)
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Distance from center (km)
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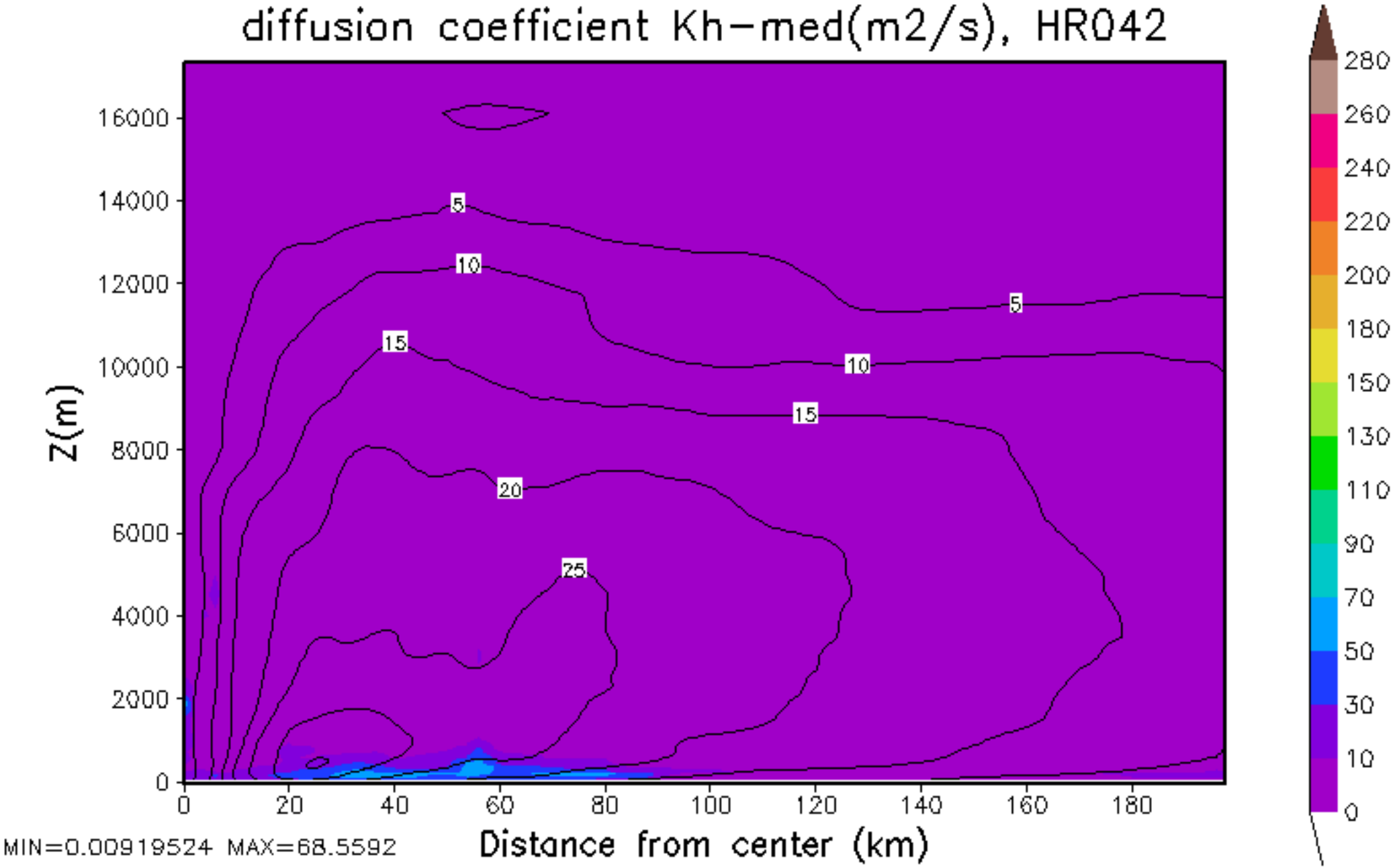
diffusion coefficient Kh-med(m2/s), HR042
Z(m)
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180
Distance from center (km)
5
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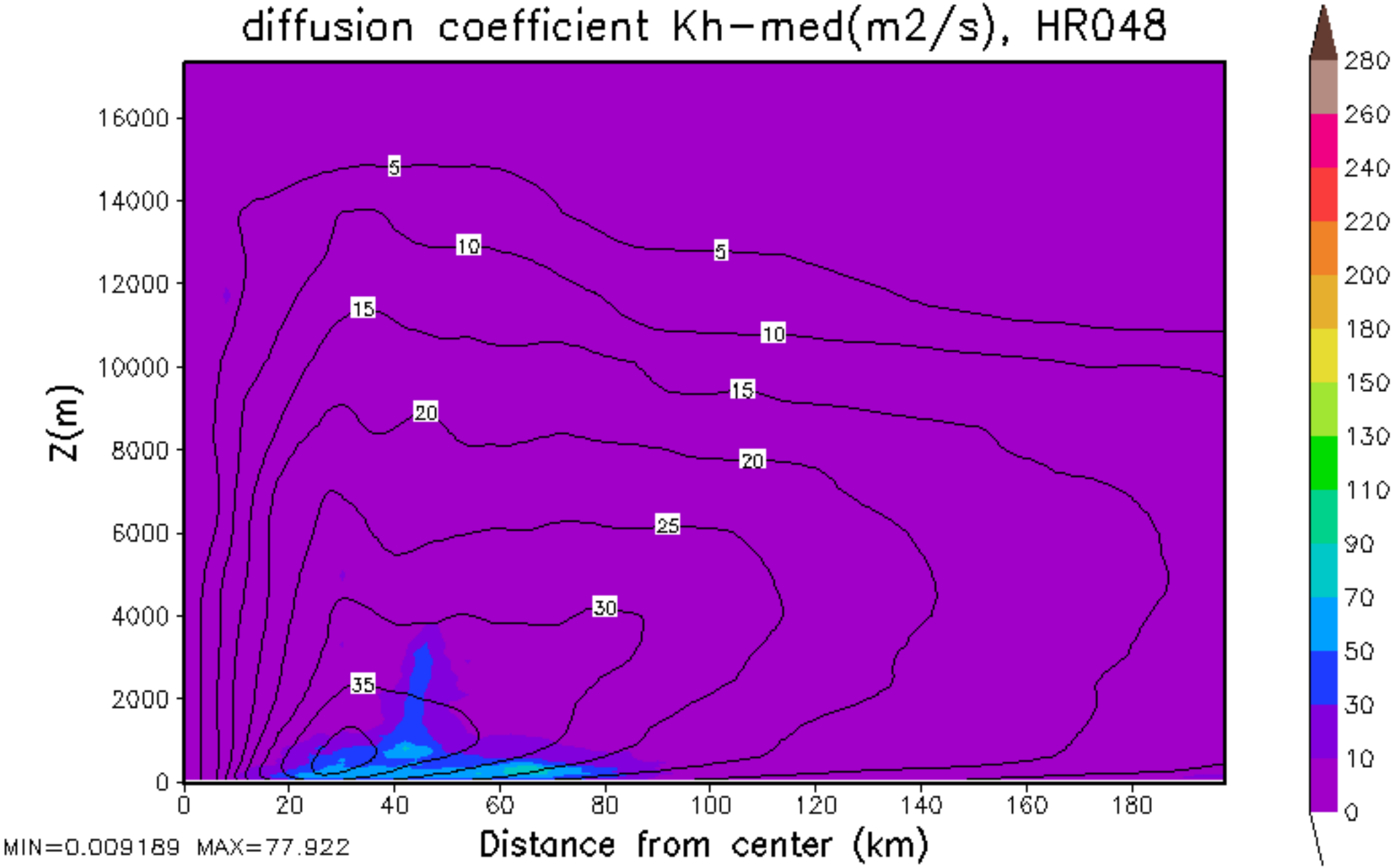
diffusion coefficient Kh-med(m2/s), HR048
Z(m)
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180
Distance from center (km)
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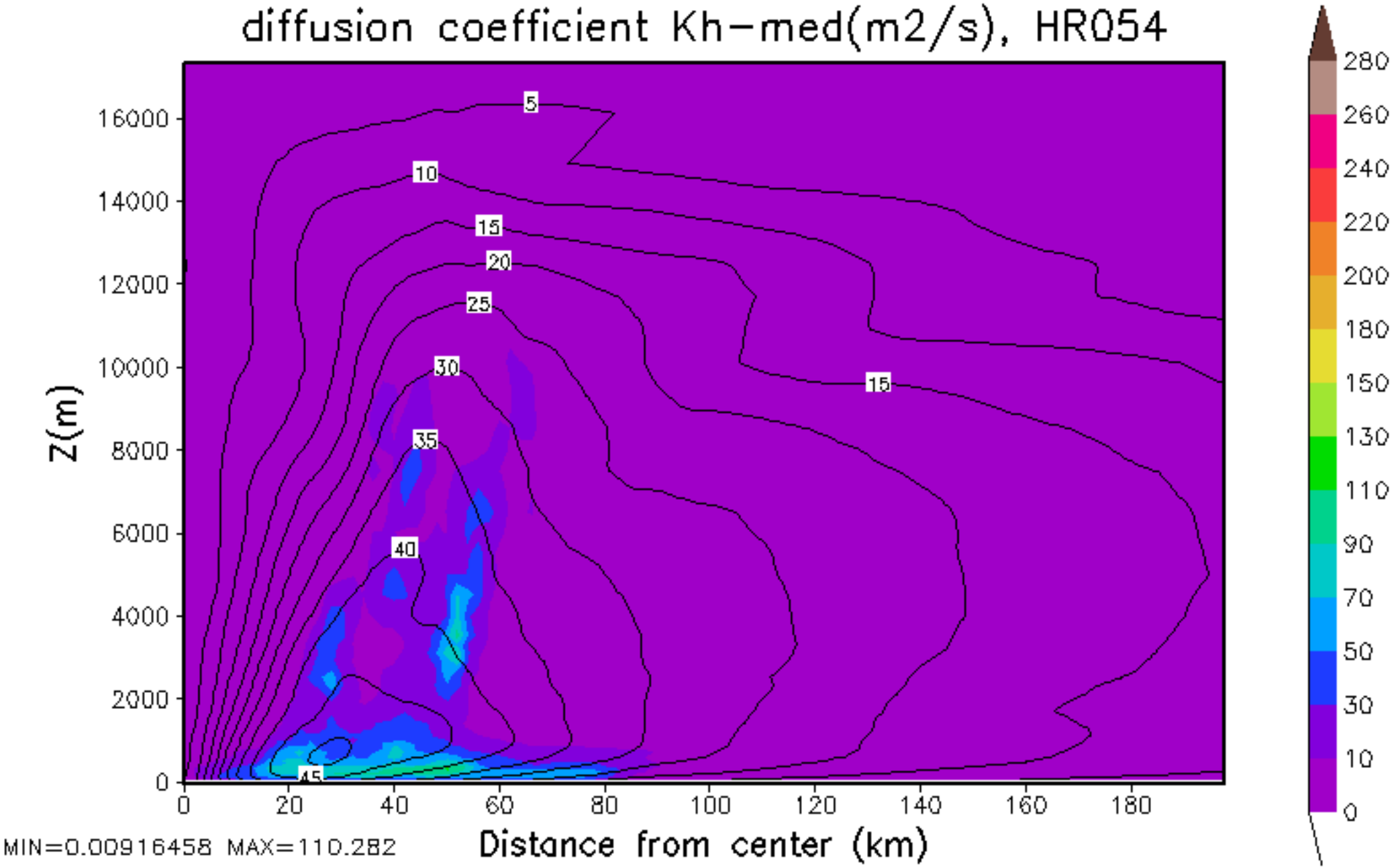
diffusion coefficient Kh-med(m2/s), HR054
Z(m)
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10000
8000
6000
4000
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60
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100
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180
Distance from center (km)
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20
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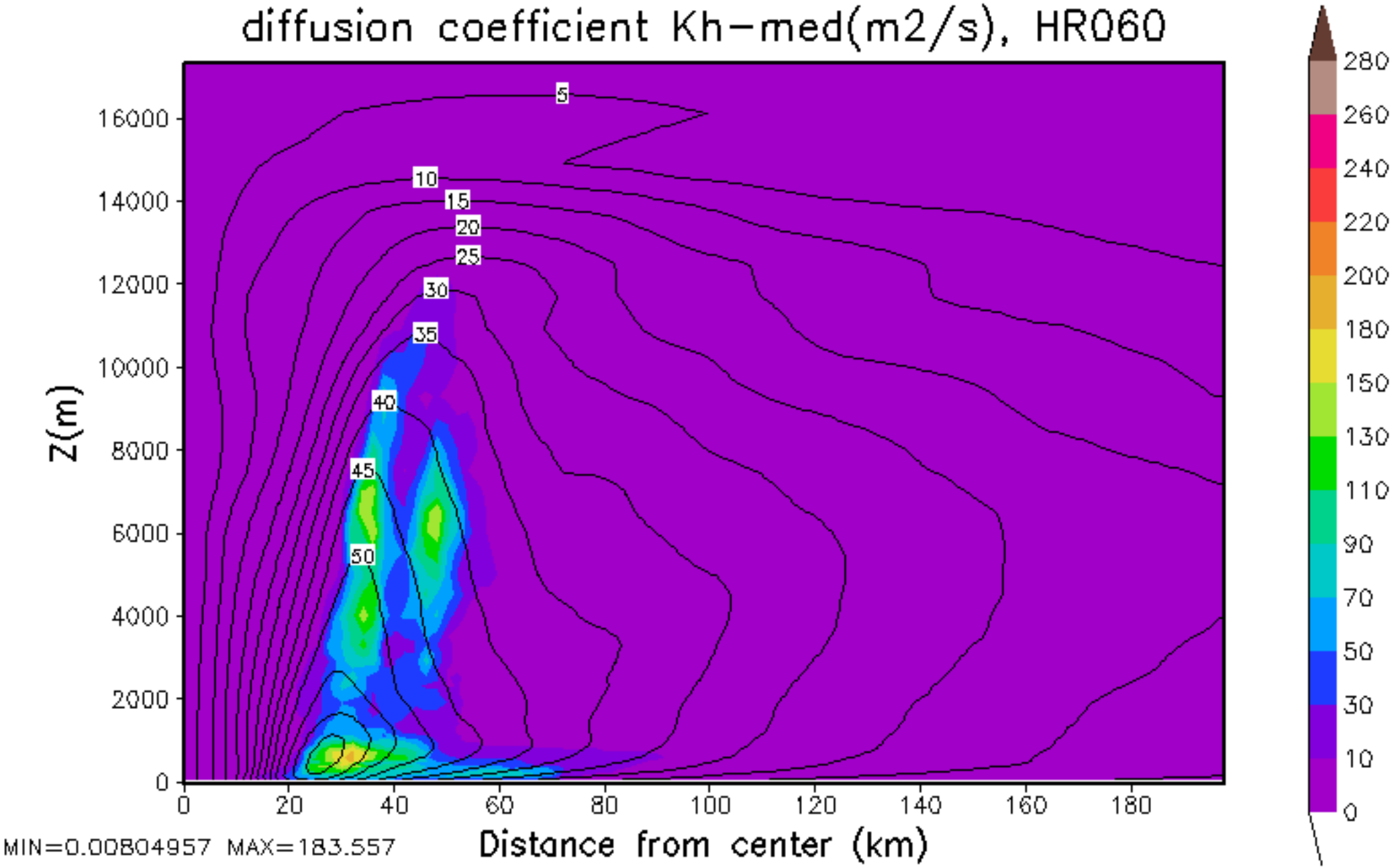
diffusion coefficient Kh-med(m2/s), HR060
Z(m)
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10000
8000
6000
4000
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40
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120
140
160
180
Distance from center (km)
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20
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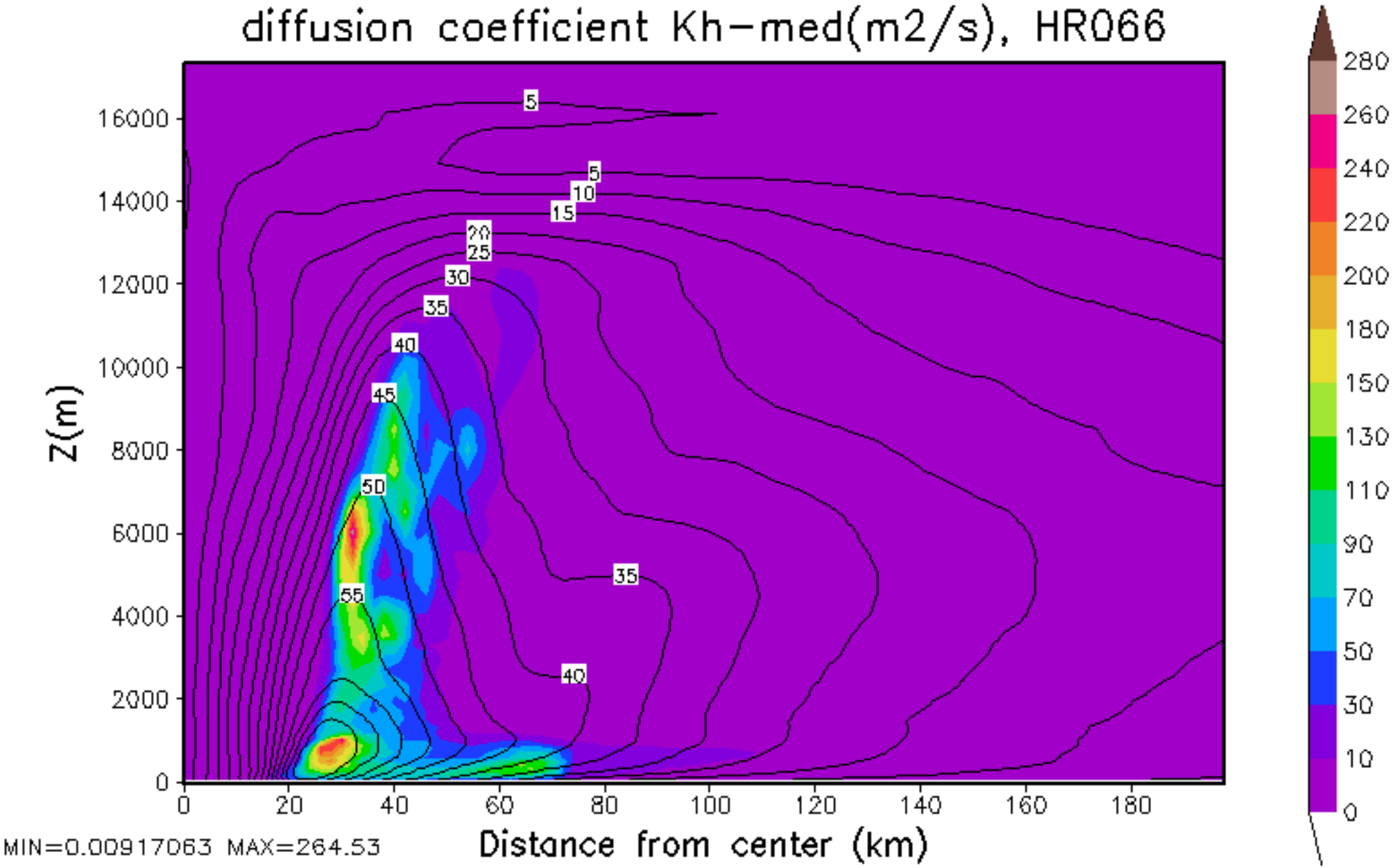
diffusion coefficient Kh-med(m2/s), HR066
Z(m)
Distance from center (km)
MIN=0.00917063 MAX=264.53
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8000
10000
12000
14000
16000
0
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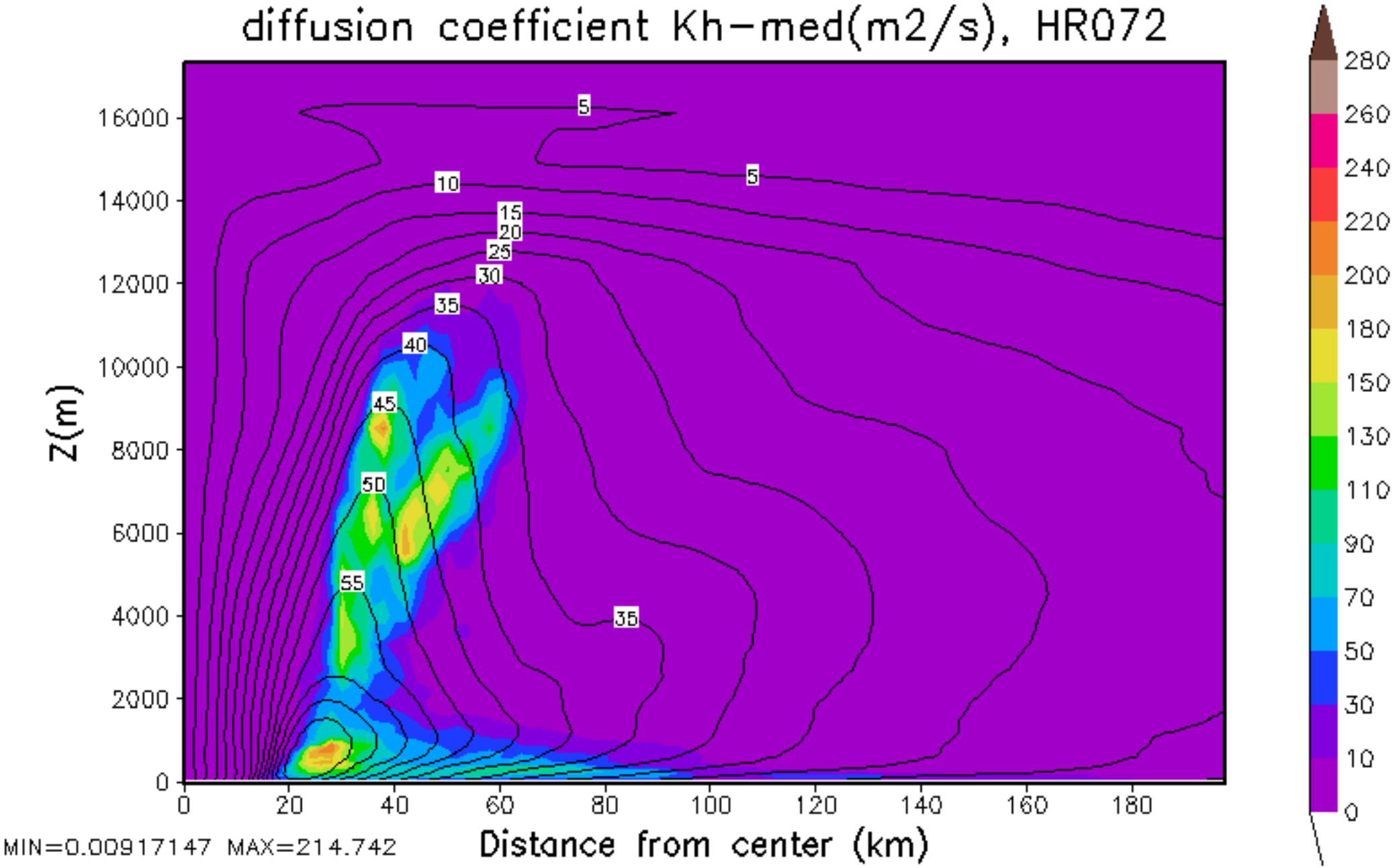
diffusion coefficient Kh-med(m2/s), HR072
Z(m)
Distance from center (km)
MIN=0.00917147 MAX=214.742
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12000
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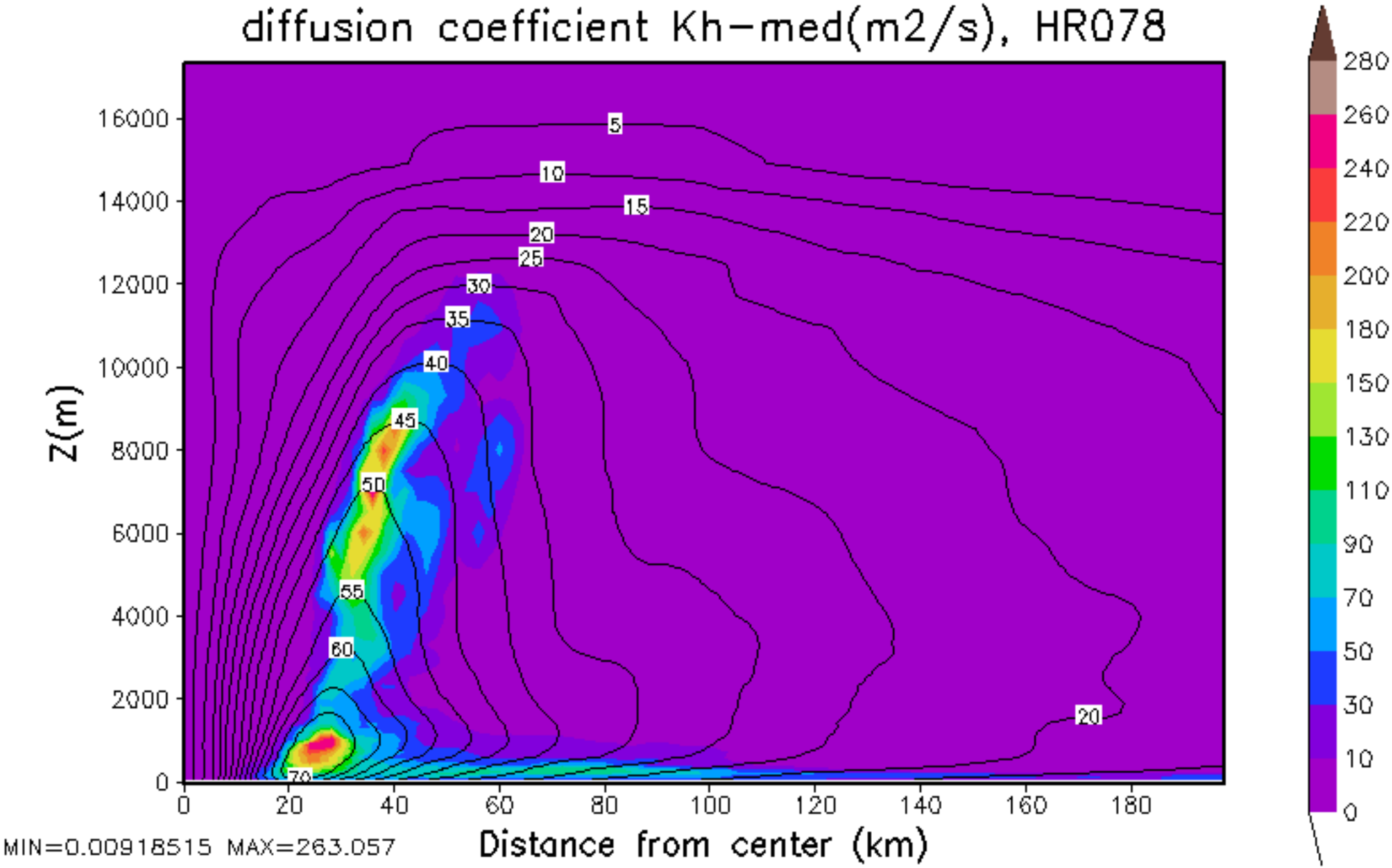
diffusion coefficient Kh-med(m2/s), HR078
Z(m)
Distance from center (km)
MIN=0.00918515 MAX=263.057
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8000
10000
12000
14000
16000
0
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100
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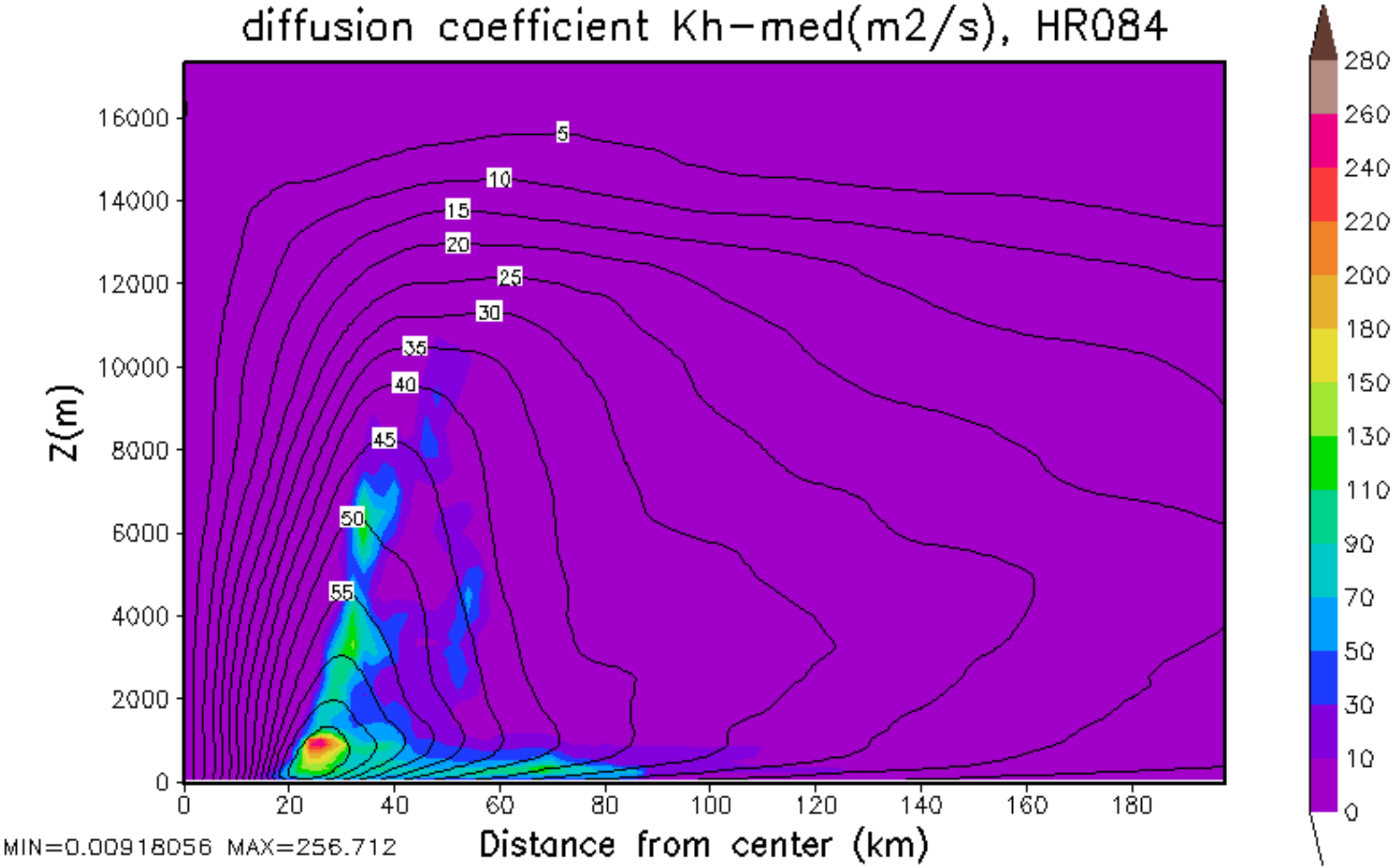
diffusion coefficient Kh-med(m2/s), HR084
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
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50
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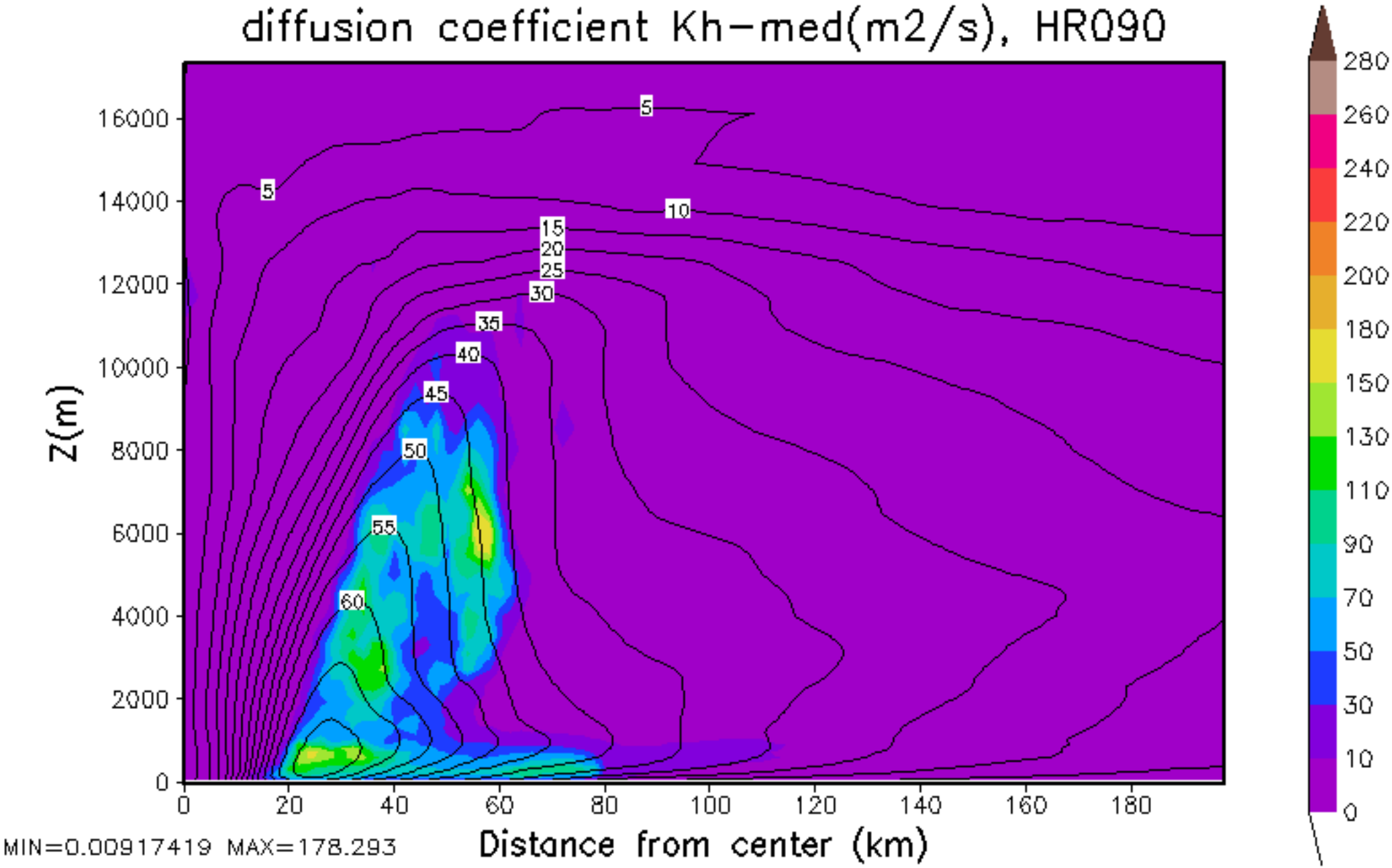
diffusion coefficient Kh-med(m2/s), HR090
Z(m)
Distance from center (km)
MIN=0.00917419 MAX=178.293
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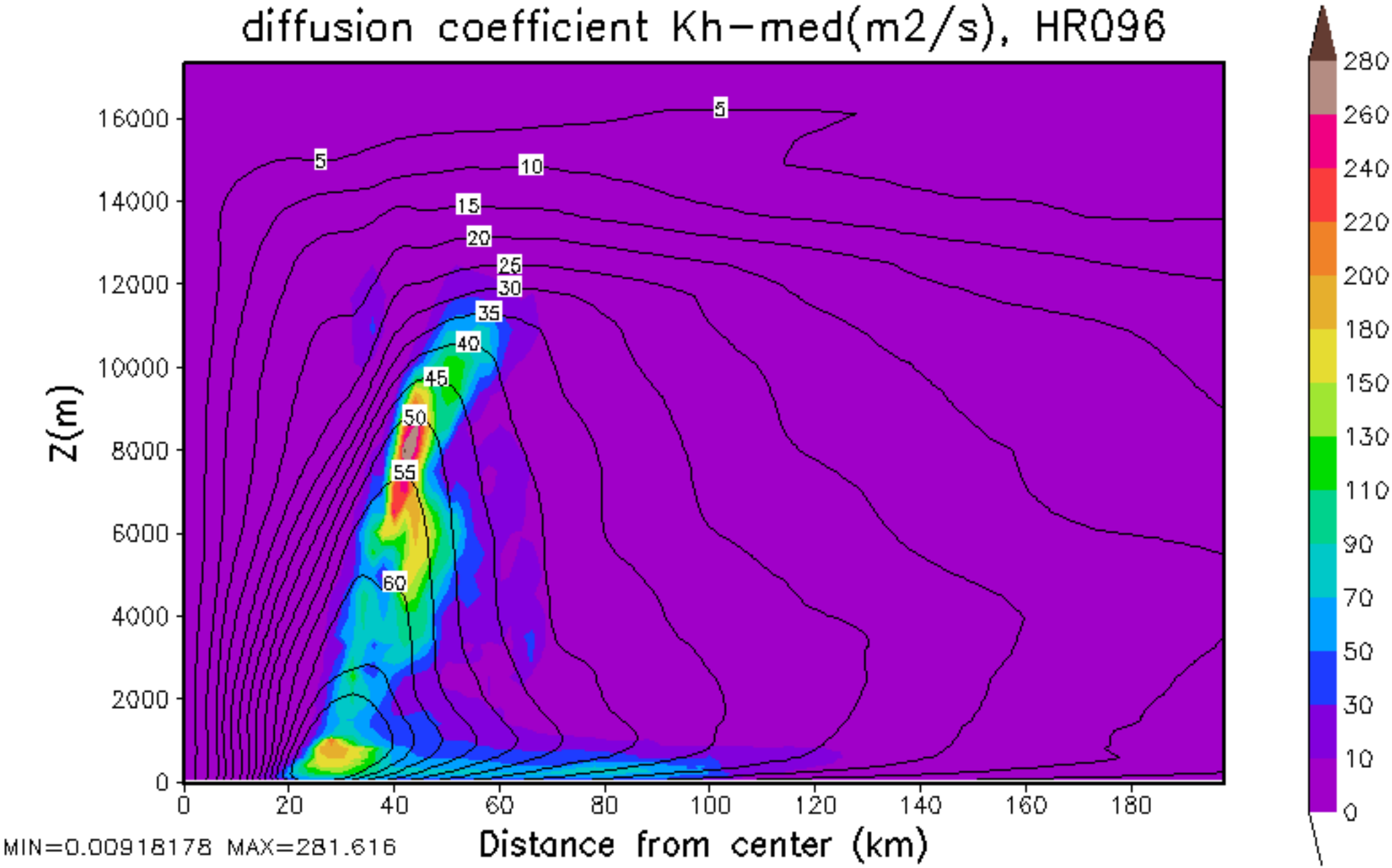
diffusion coefficient Kh-med(m2/s), HR096
Z(m)
Distance from center (km)
MIN=0.00918178 MAX=281.616
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
5
10
15
20
25
30
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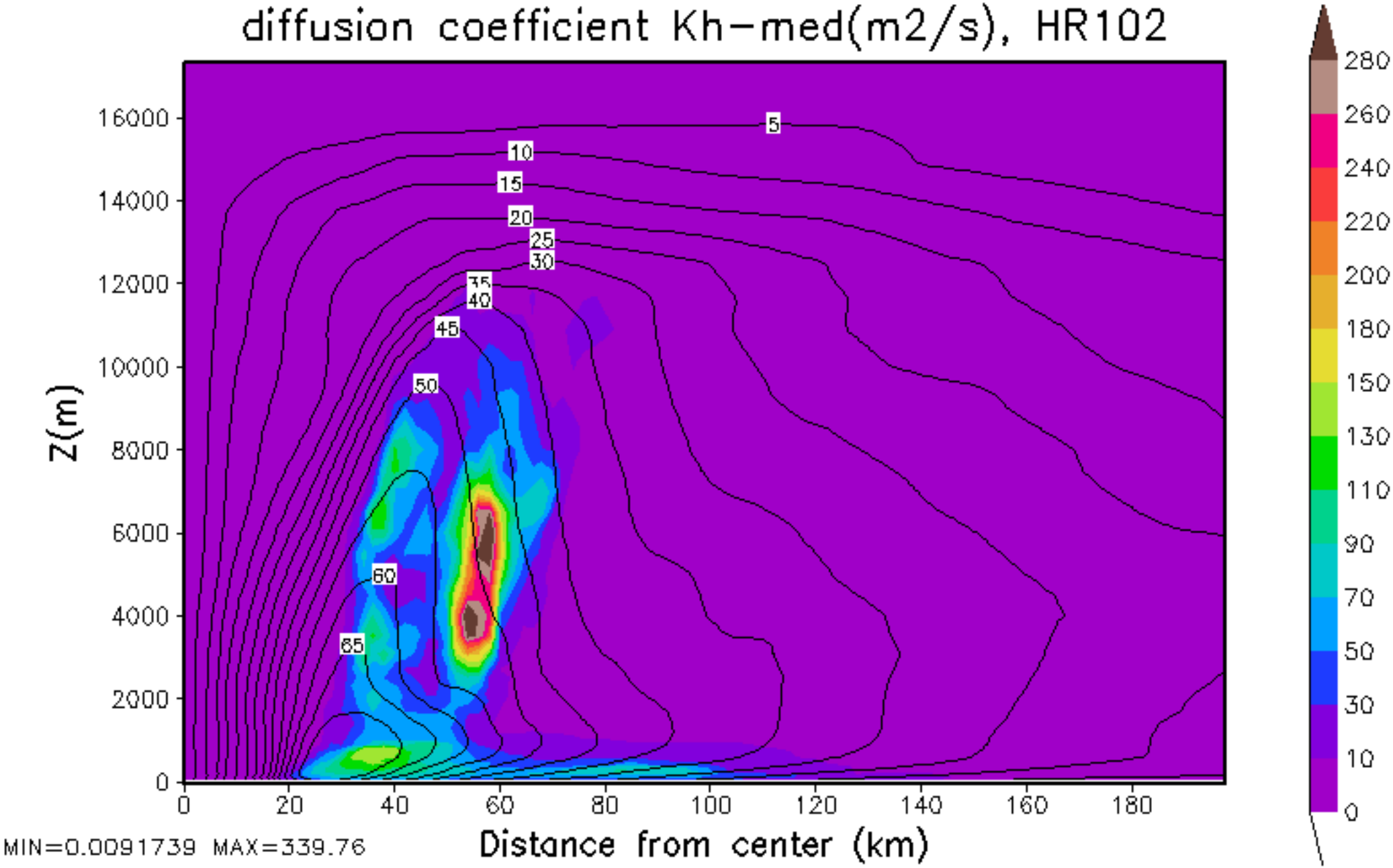
diffusion coefficient Kh-med(m2/s), HR102
Z(m)
Distance from center (km)
MIN=0.0091739 MAX=339.76
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
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15
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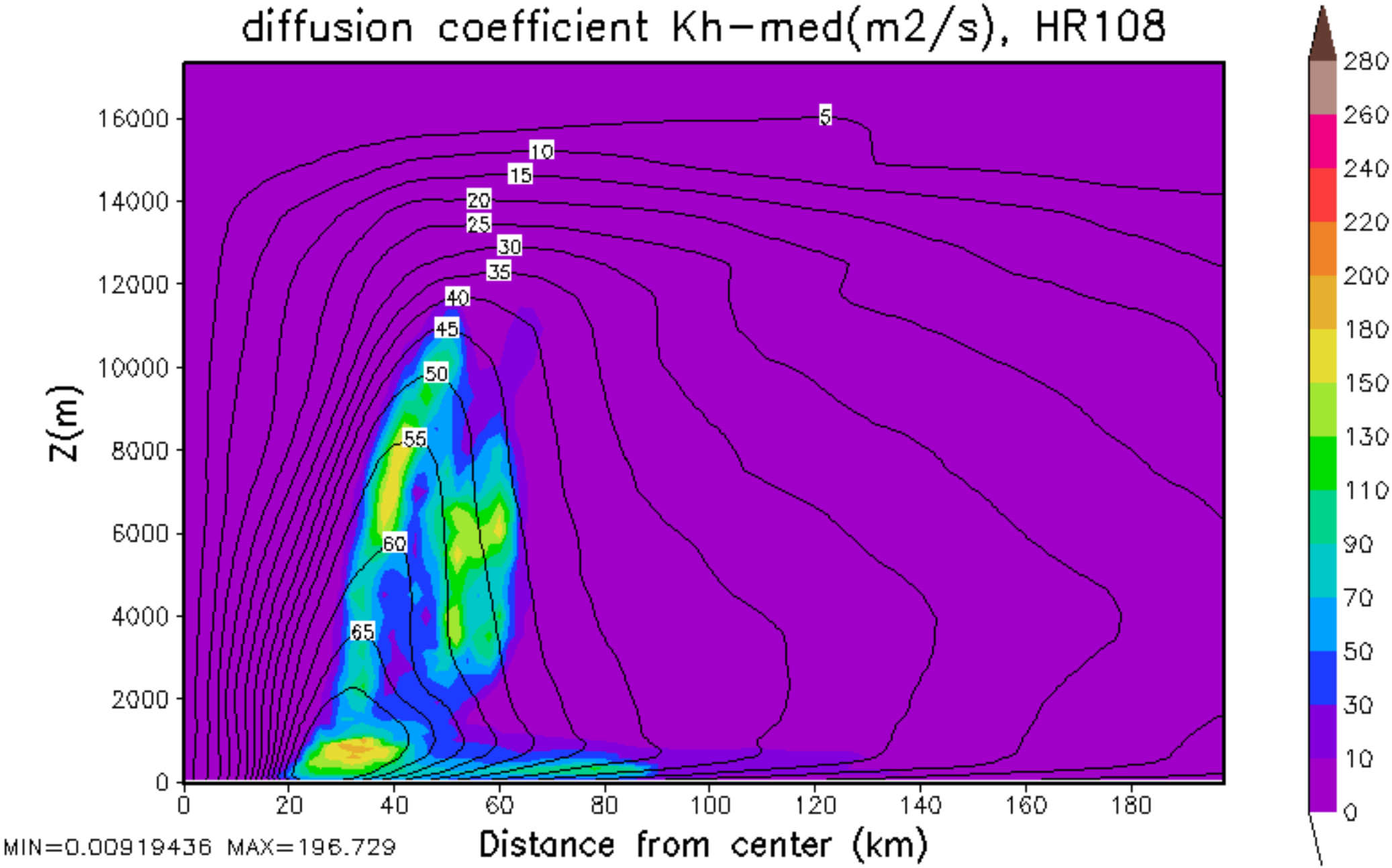
diffusion coefficient Kh-med(m2/s), HR108
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
45
50
55
60
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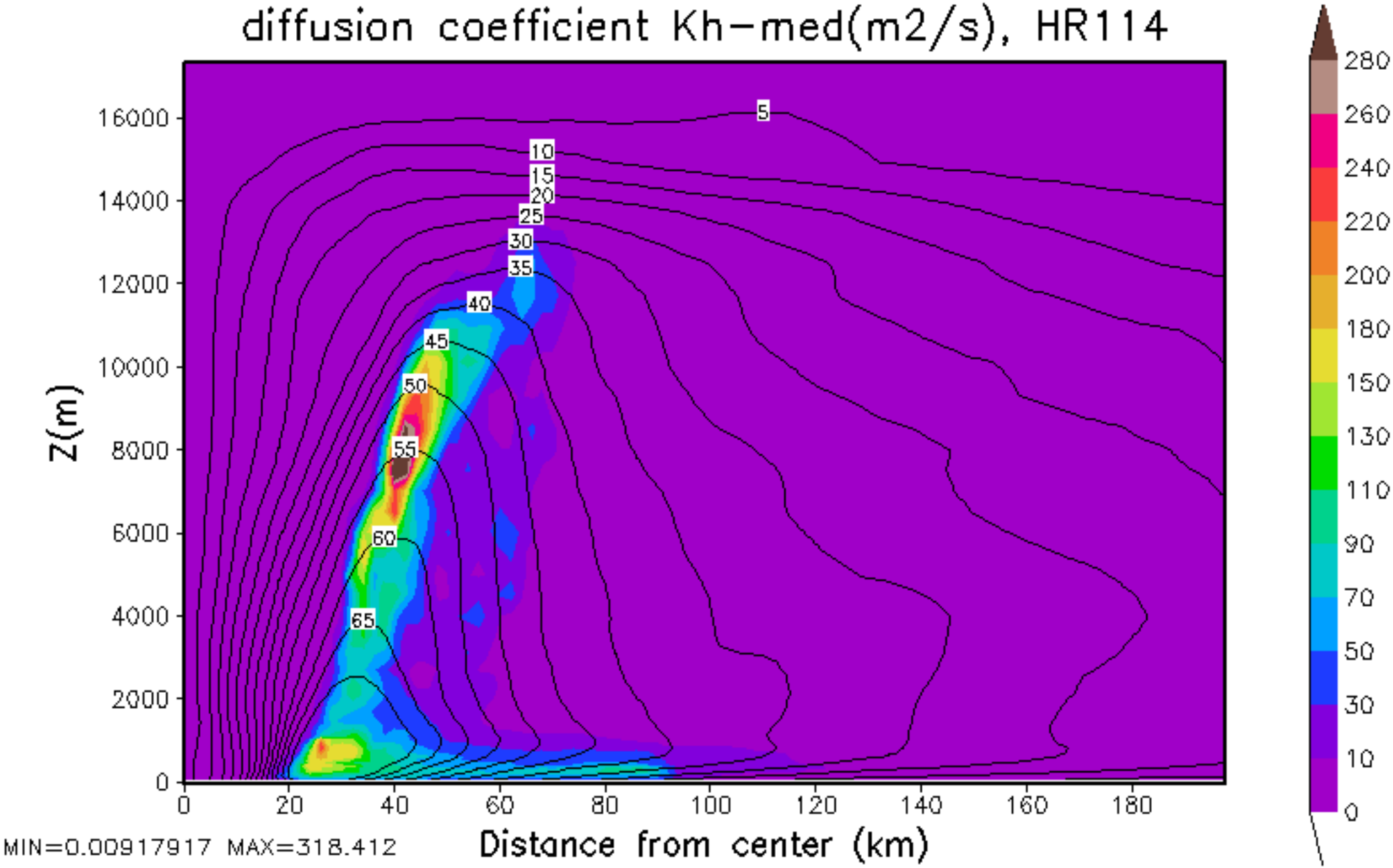
MIN=0.00919436 MAX=196.729


diffusion coefficient Kh-med(m2/s), HR114
Z(m)
Distance from center (km)
MIN=0.00917917 MAX=318.412
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4000
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8000
10000
12000
14000
16000
0
20
40
60
80
100
120
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160
180
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10
15
20
25
30
35
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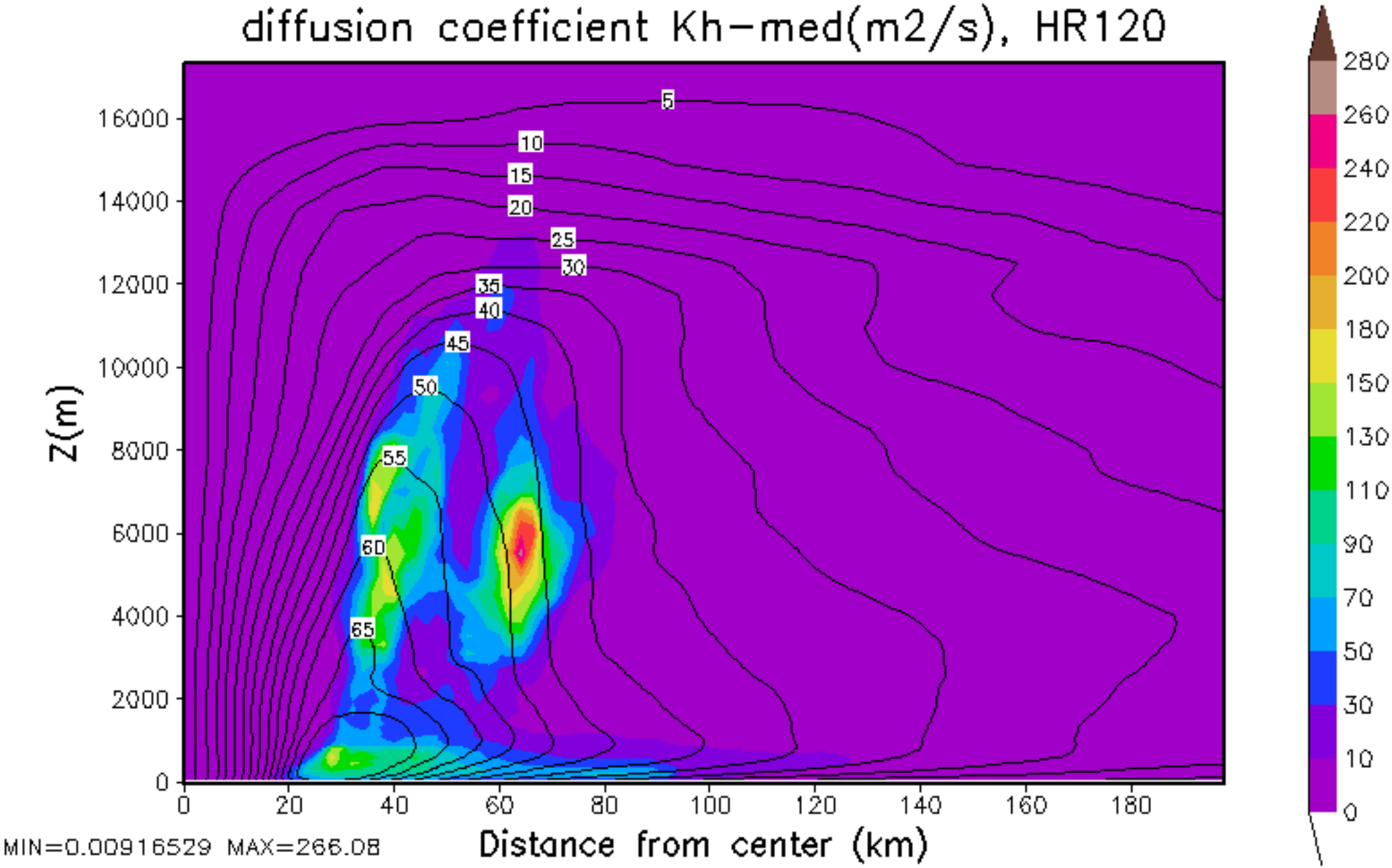
diffusion coefficient Kh-med(m2/s), HR120
Z(m)
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14000
12000
10000
8000
6000
4000
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80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
45
50
55
60
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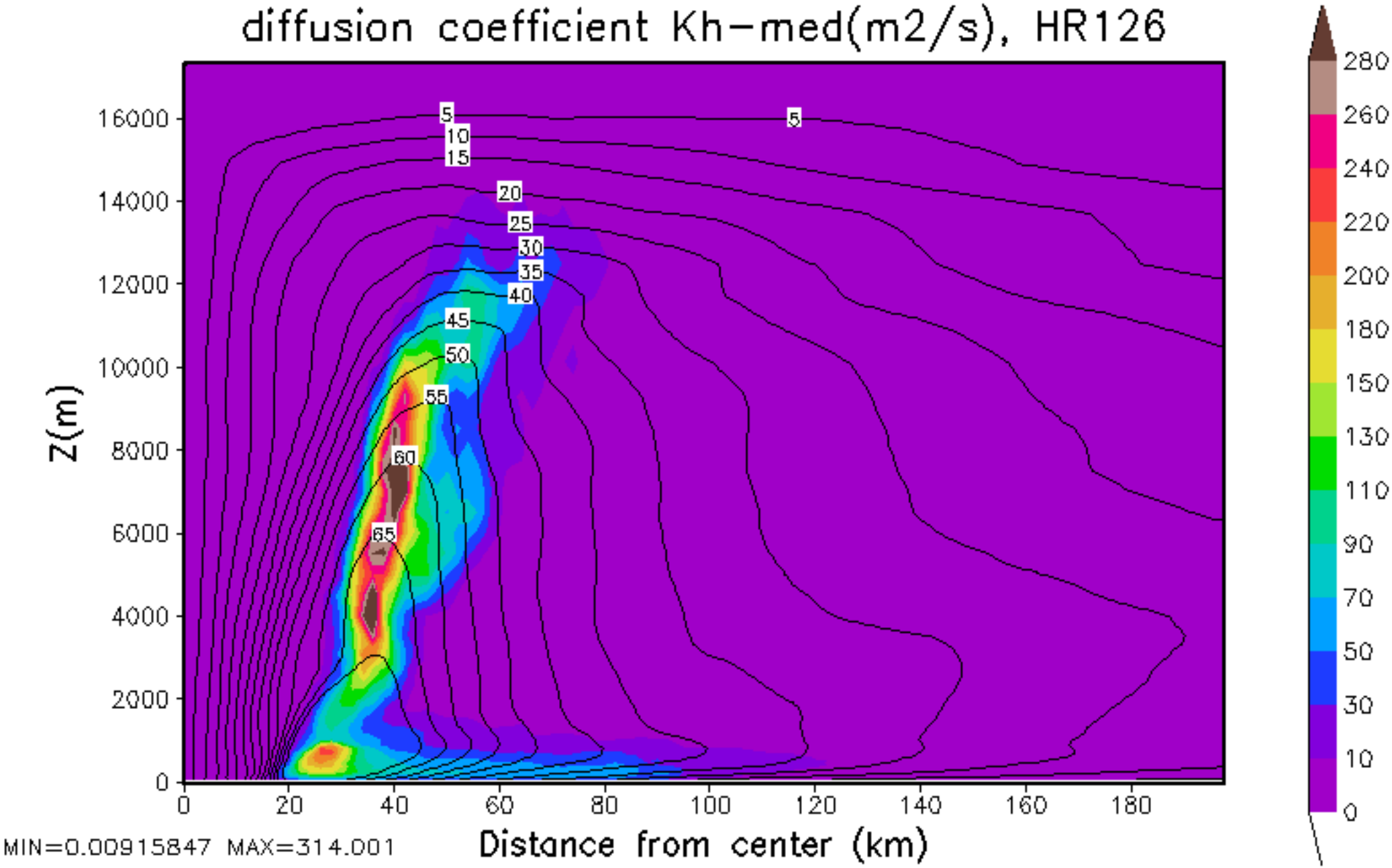
MIN=0.00916529 MAX=266.08


diffusion coefficient Kh-med(m2/s), HR126
Z(m)
Distance from center (km)
MIN=0.00915847 MAX=314.001
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8000
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12000
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100
120
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280
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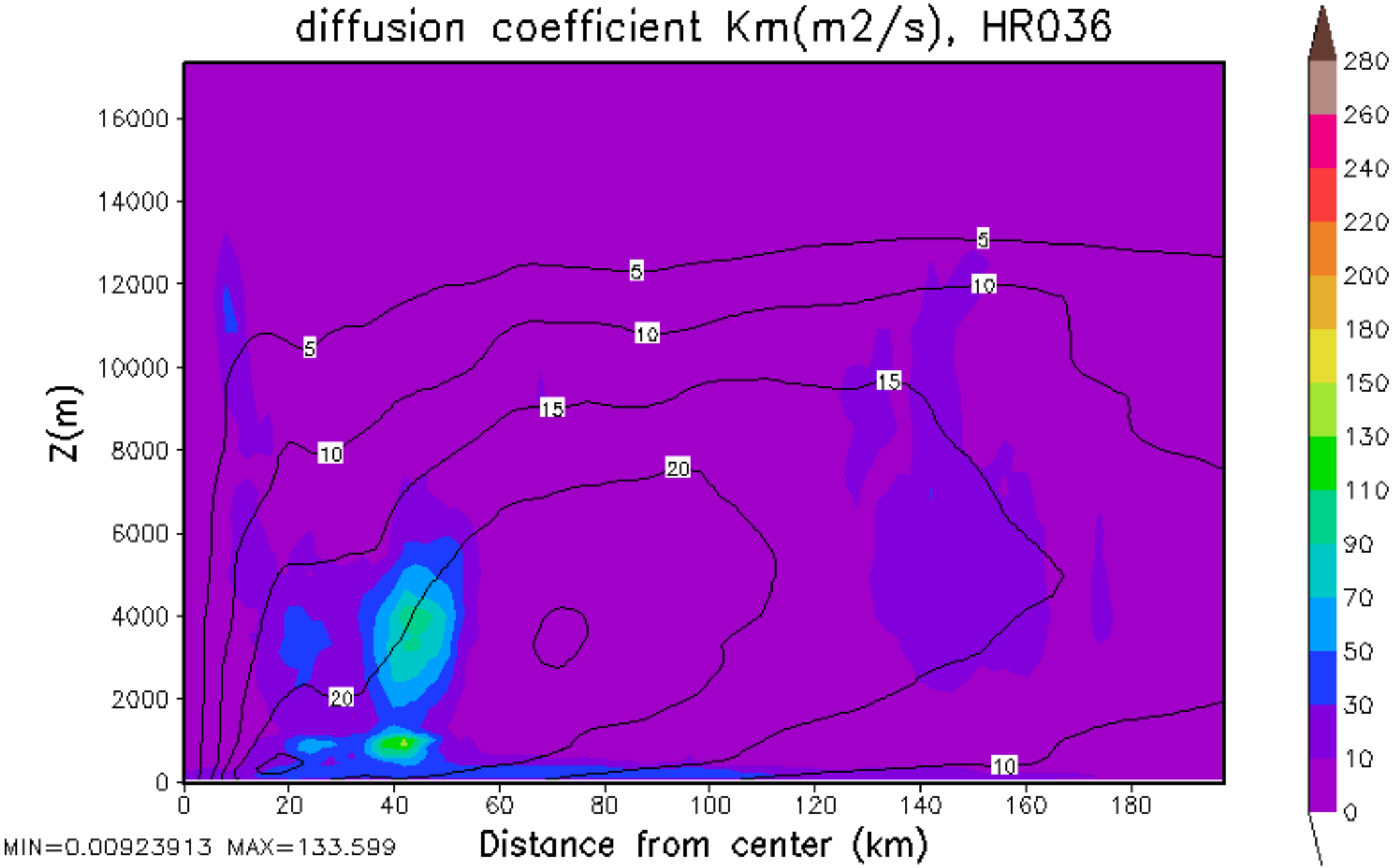
130
110
90
70
50
30
10
0


diffusion coefficient Km(m2/s), HR036
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00923913 MAX=133.599
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280
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240
220
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130
110
90
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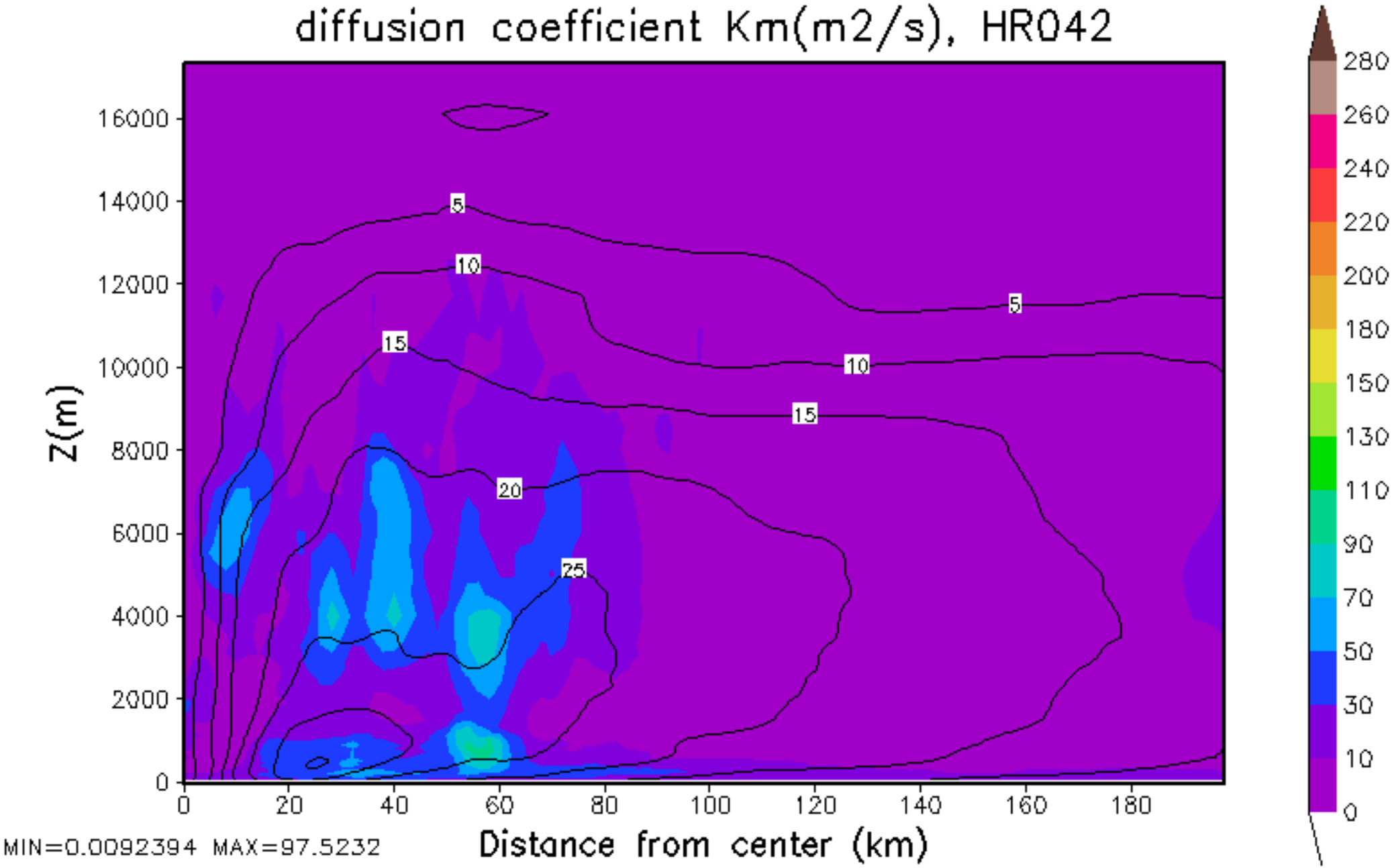
50
30
10
0


diffusion coefficient Km(m2/s), HR042
Z(m)
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14000
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10000
8000
6000
4000
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0
0
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160
180
Distance from center (km)
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20
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5
10
15
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200
180
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130
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70
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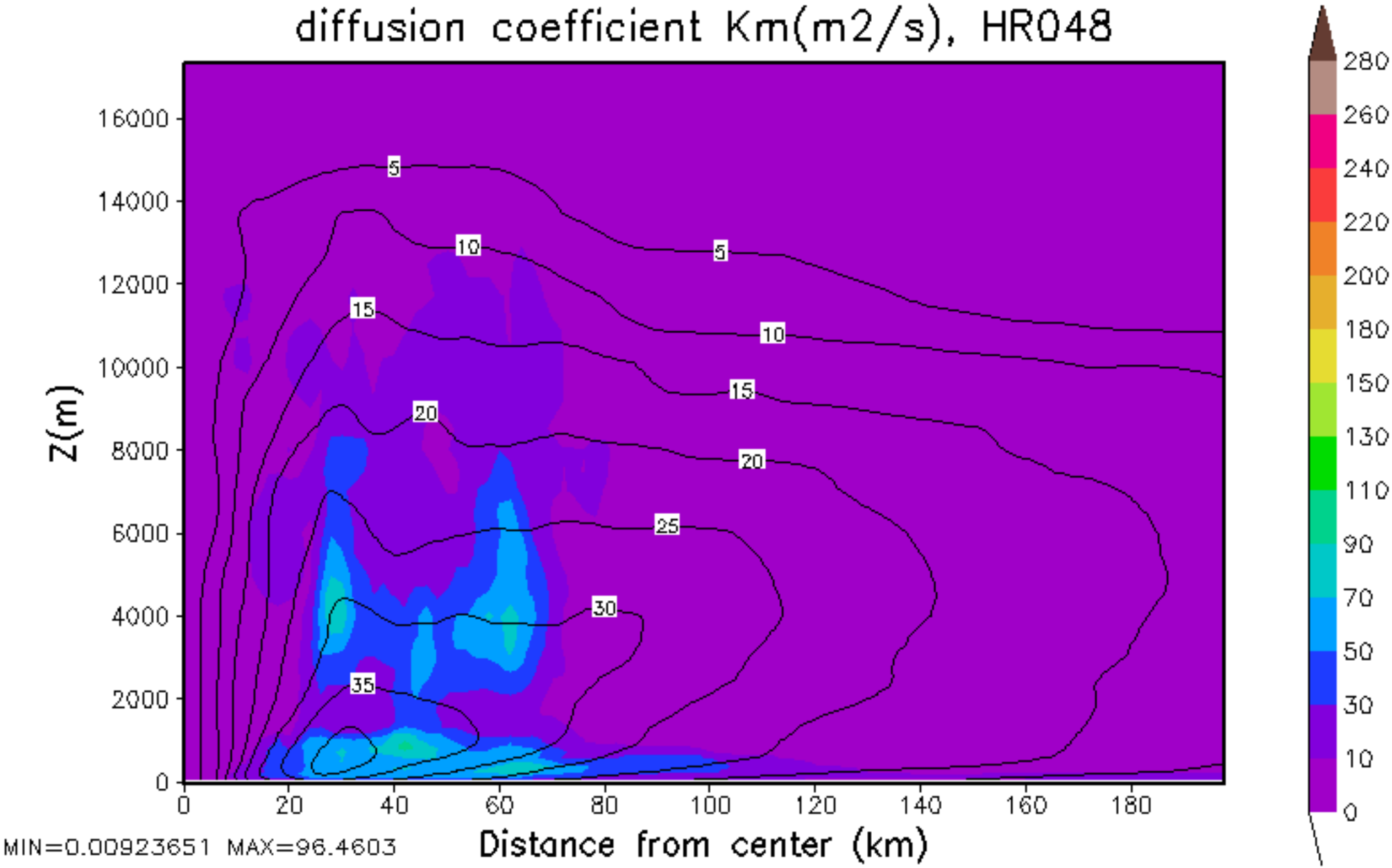
10
0
MIN=0.0092394 MAX=97.5232


diffusion coefficient Km(m2/s), HR048
Z(m)
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10000
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6000
4000
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180
Distance from center (km)
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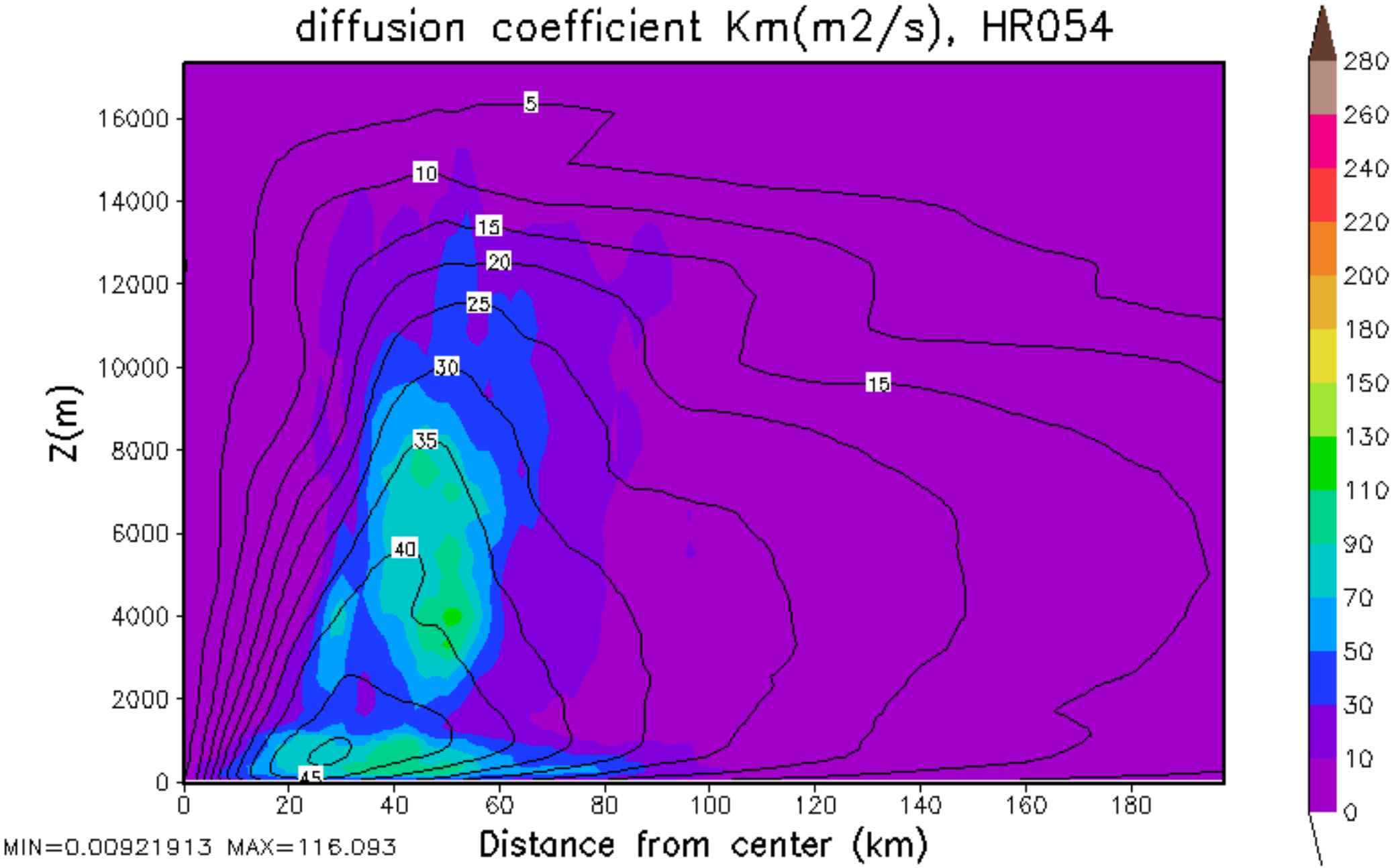
MIN=0.00923651 MAX=96.4603


diffusion coefficient Km(m2/s), HR054
Z(m)
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10000
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6000
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Distance from center (km)
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30
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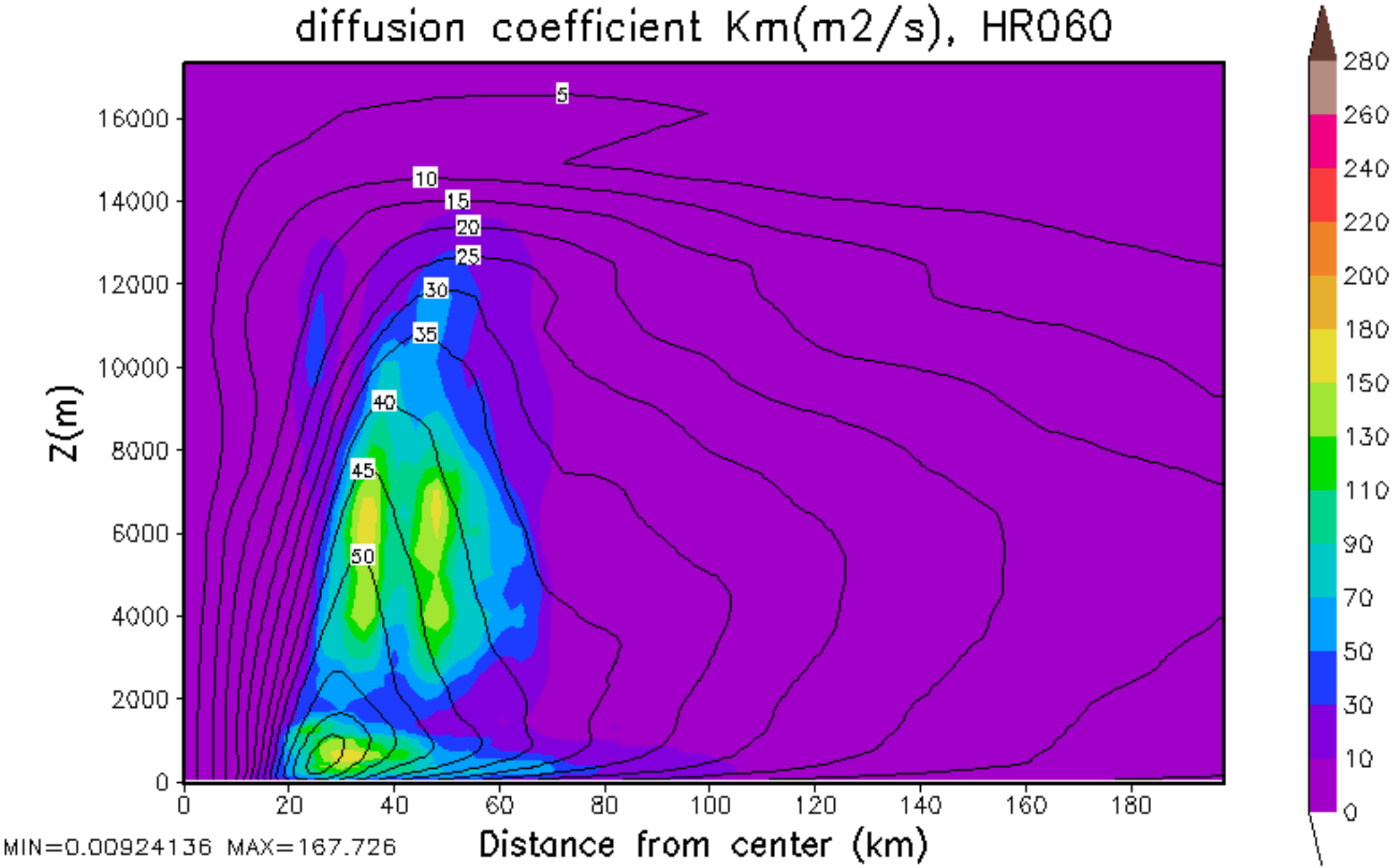
diffusion coefficient Km(m2/s), HR060
Z(m)
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10000
8000
6000
4000
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0
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180
Distance from center (km)
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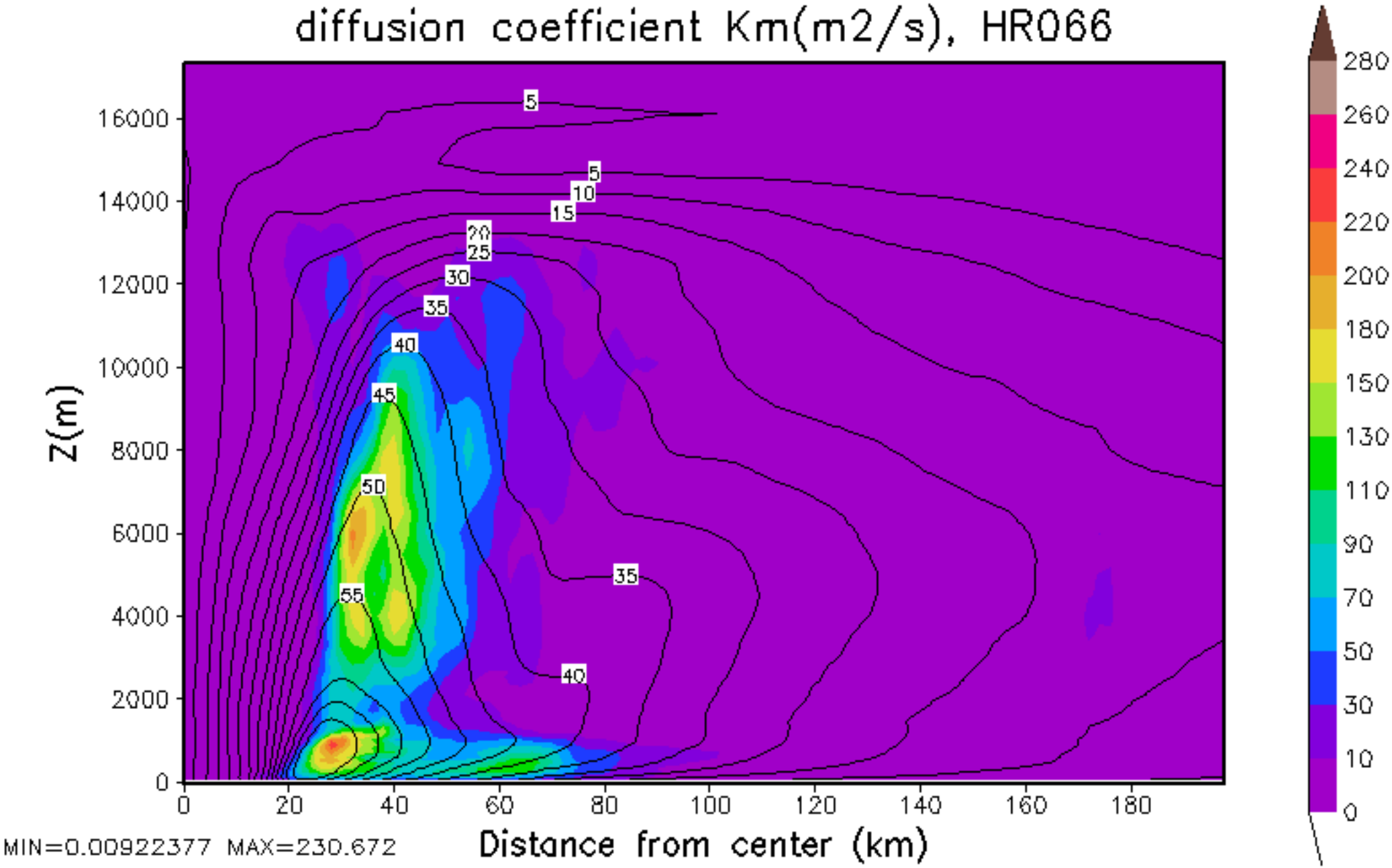
diffusion coefficient Km(m2/s), HR066
Z(m)
Distance from center (km)
MIN=0.00922377 MAX=230.672
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
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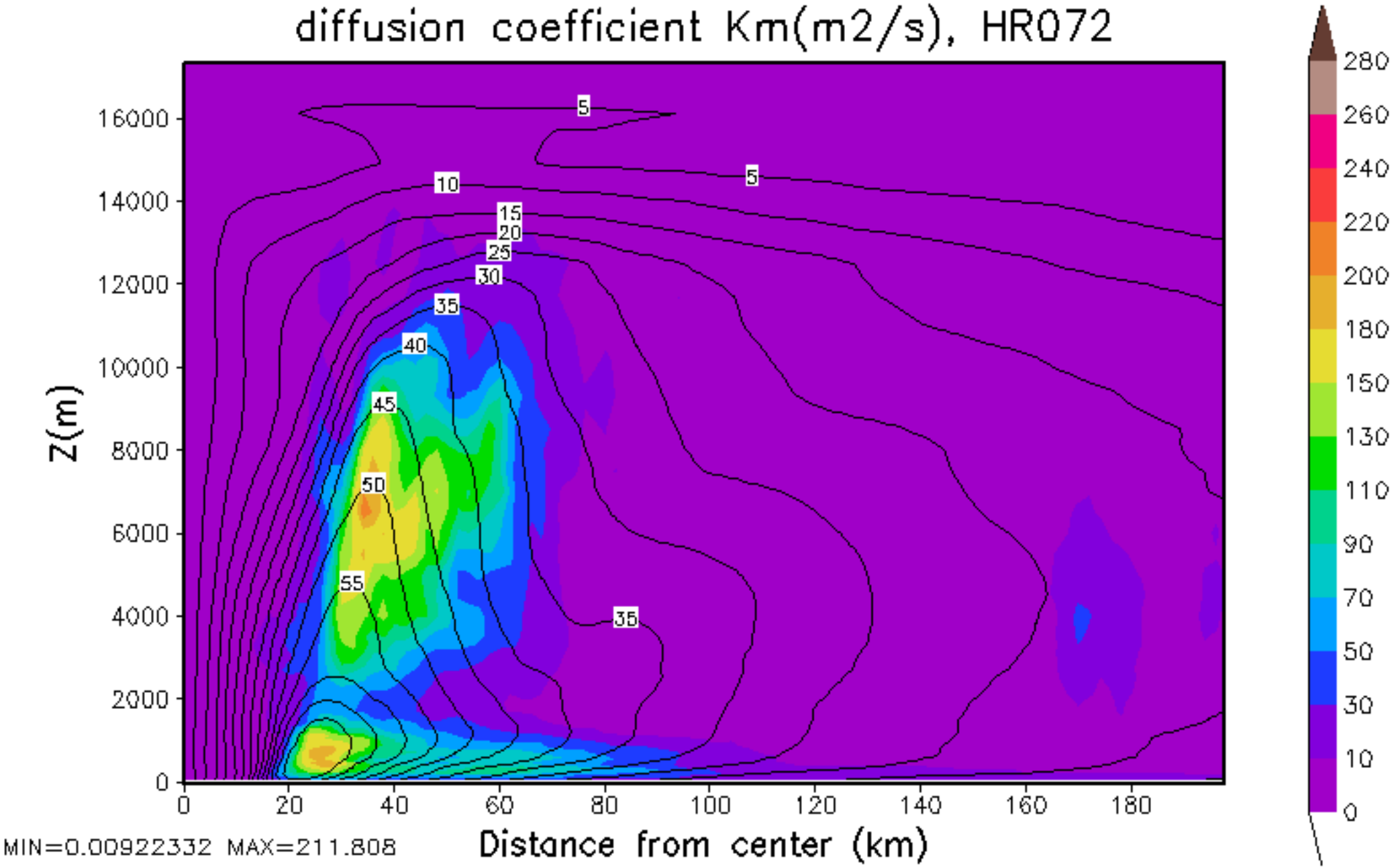
diffusion coefficient Km(m2/s), HR072
Z(m)
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14000
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10000
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180
Distance from center (km)
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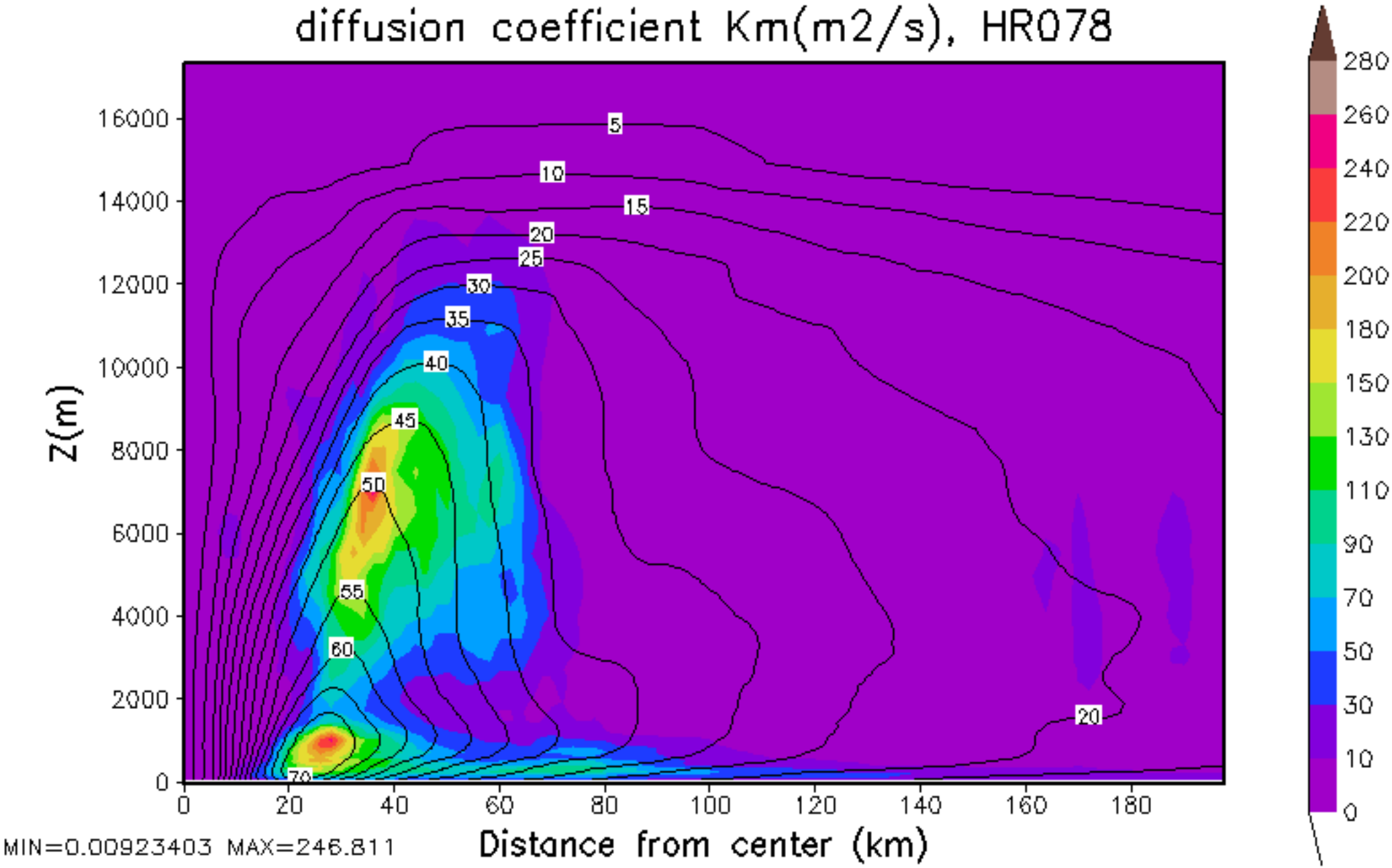
diffusion coefficient Km(m2/s), HR078
Z(m)
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180
Distance from center (km)
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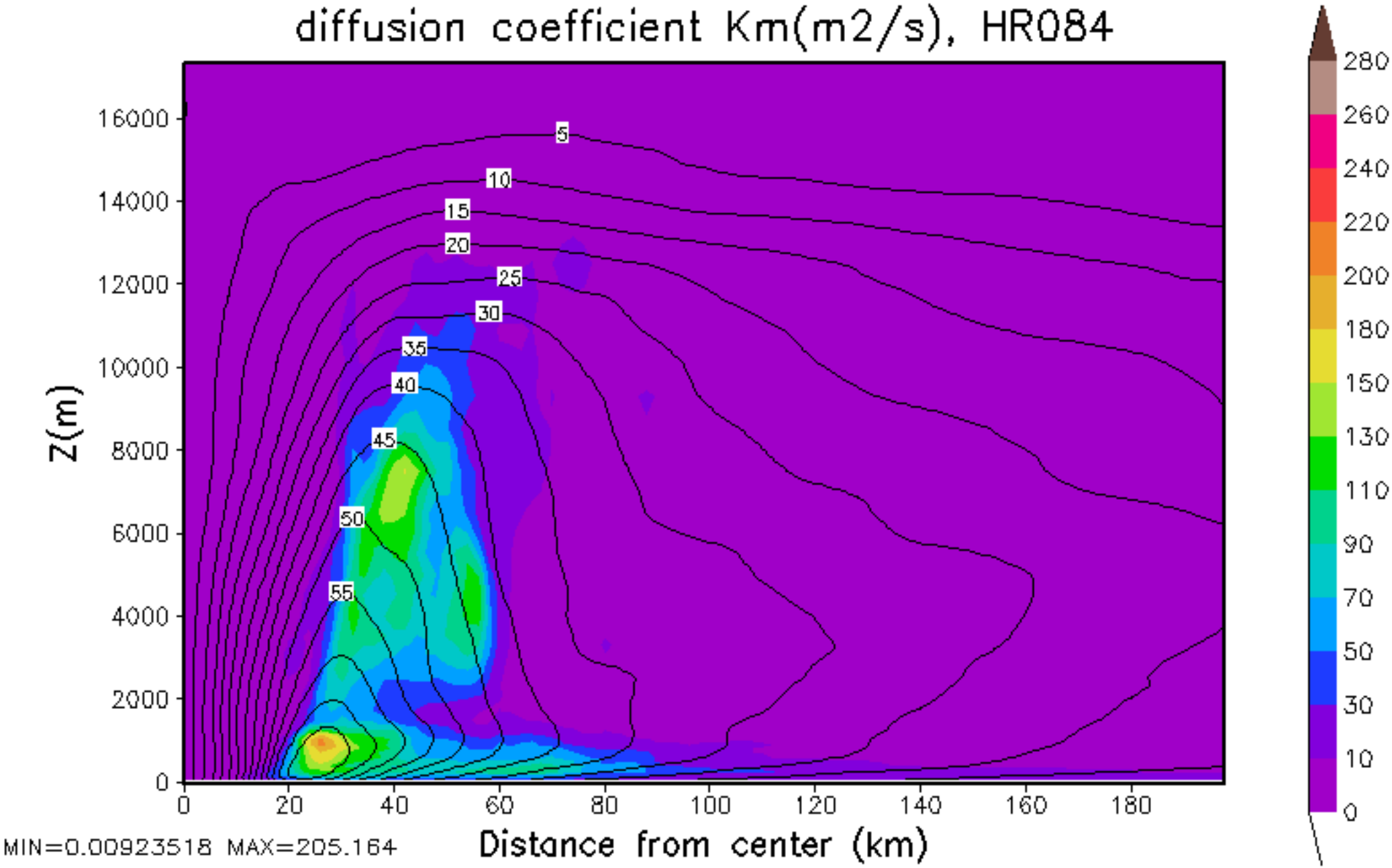
diffusion coefficient Km(m2/s), HR084
Z(m)
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10000
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6000
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Distance from center (km)
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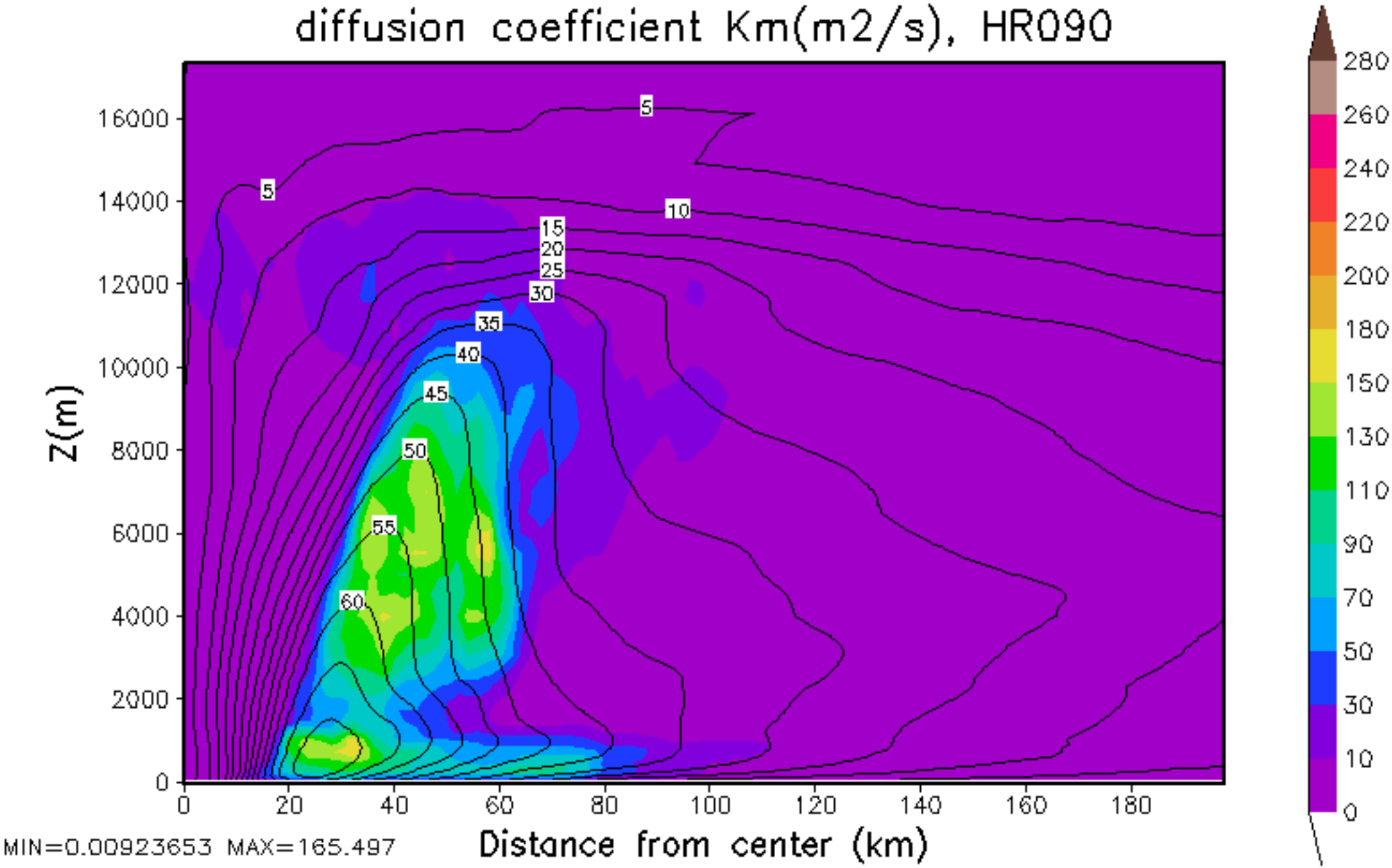
diffusion coefficient Km(m2/s), HR090
Z(m)
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180
Distance from center (km)
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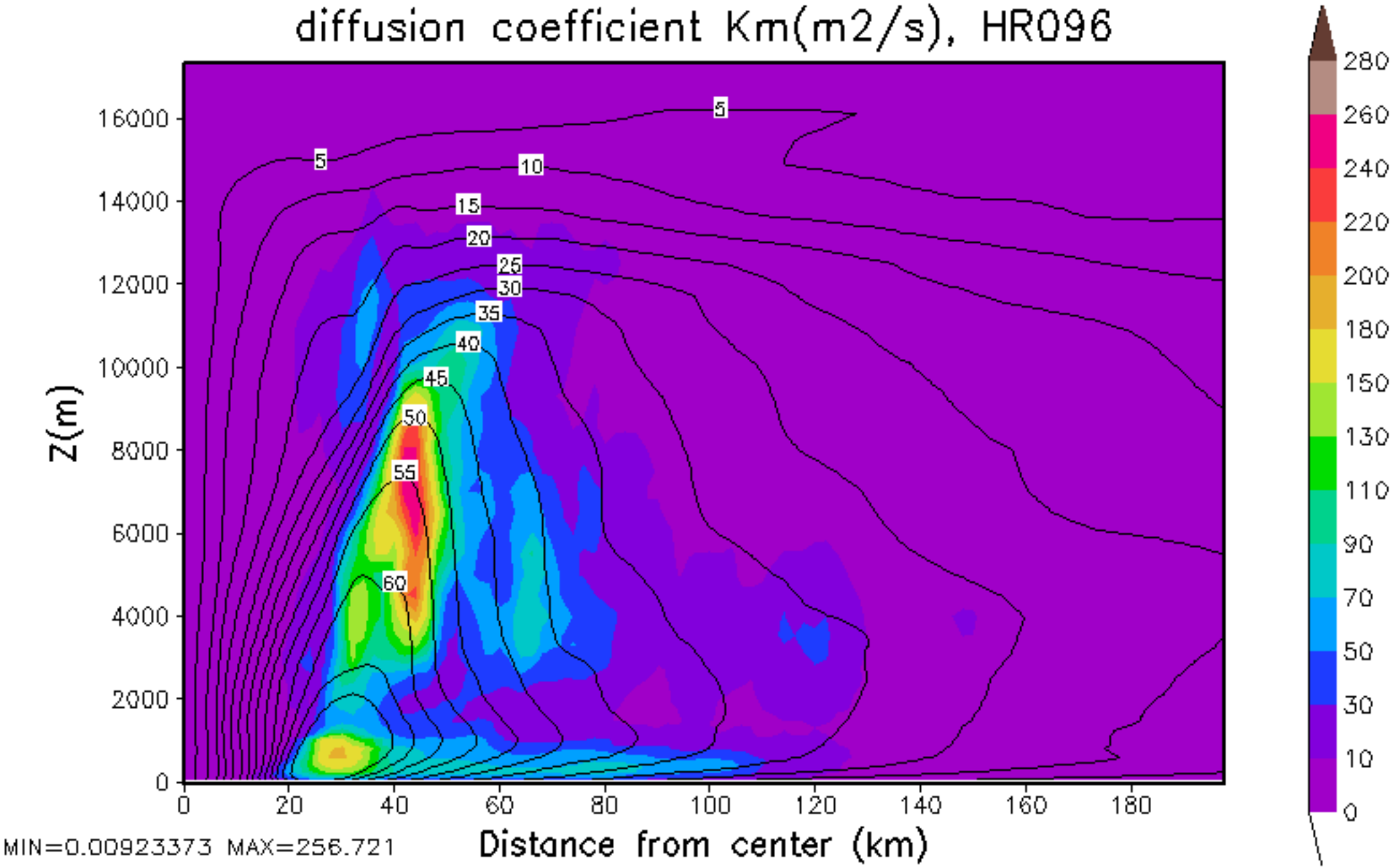
diffusion coefficient Km(m2/s), HR096
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180
Distance from center (km)
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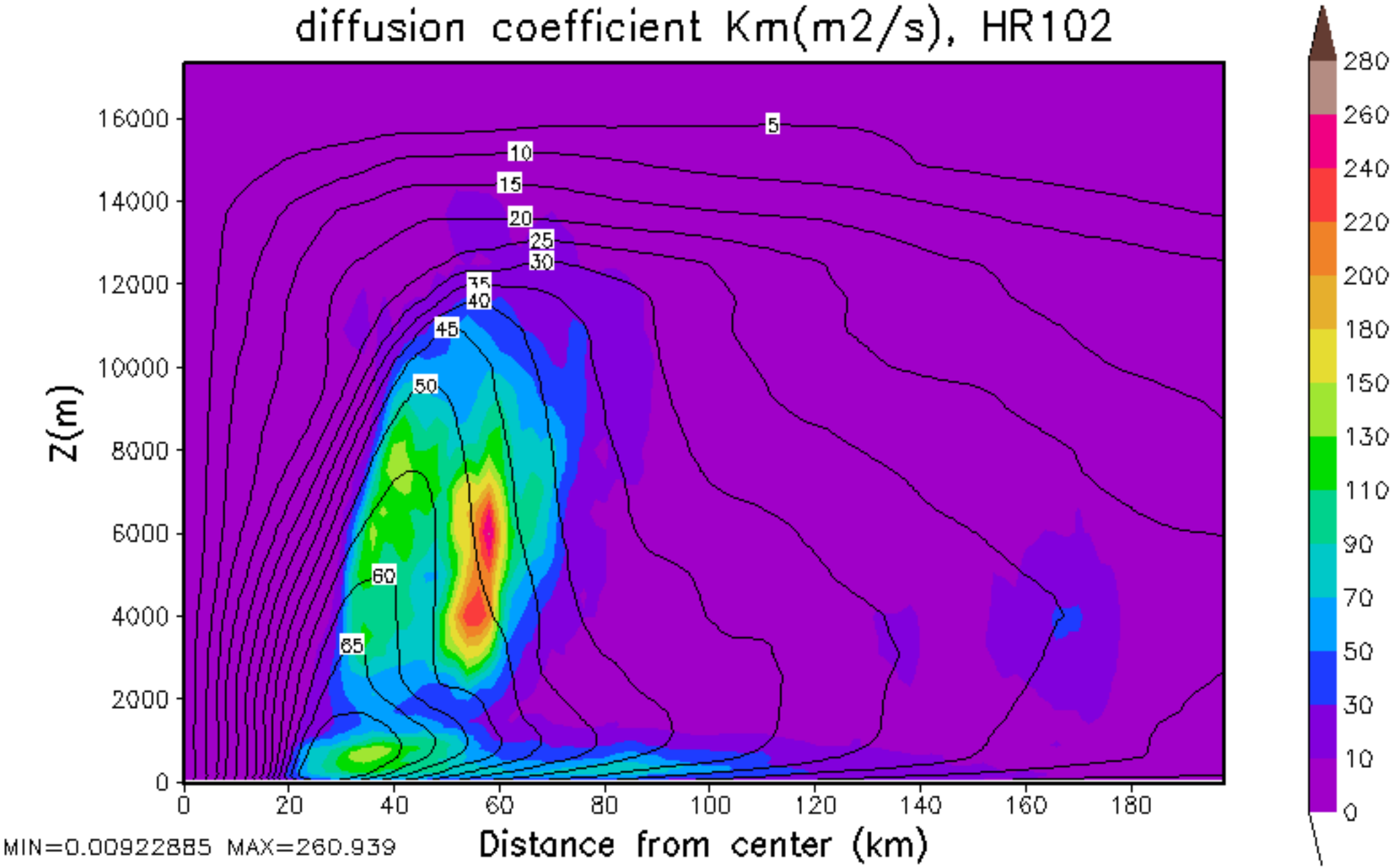
diffusion coefficient Km(m2/s), HR102
Z(m)
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Distance from center (km)
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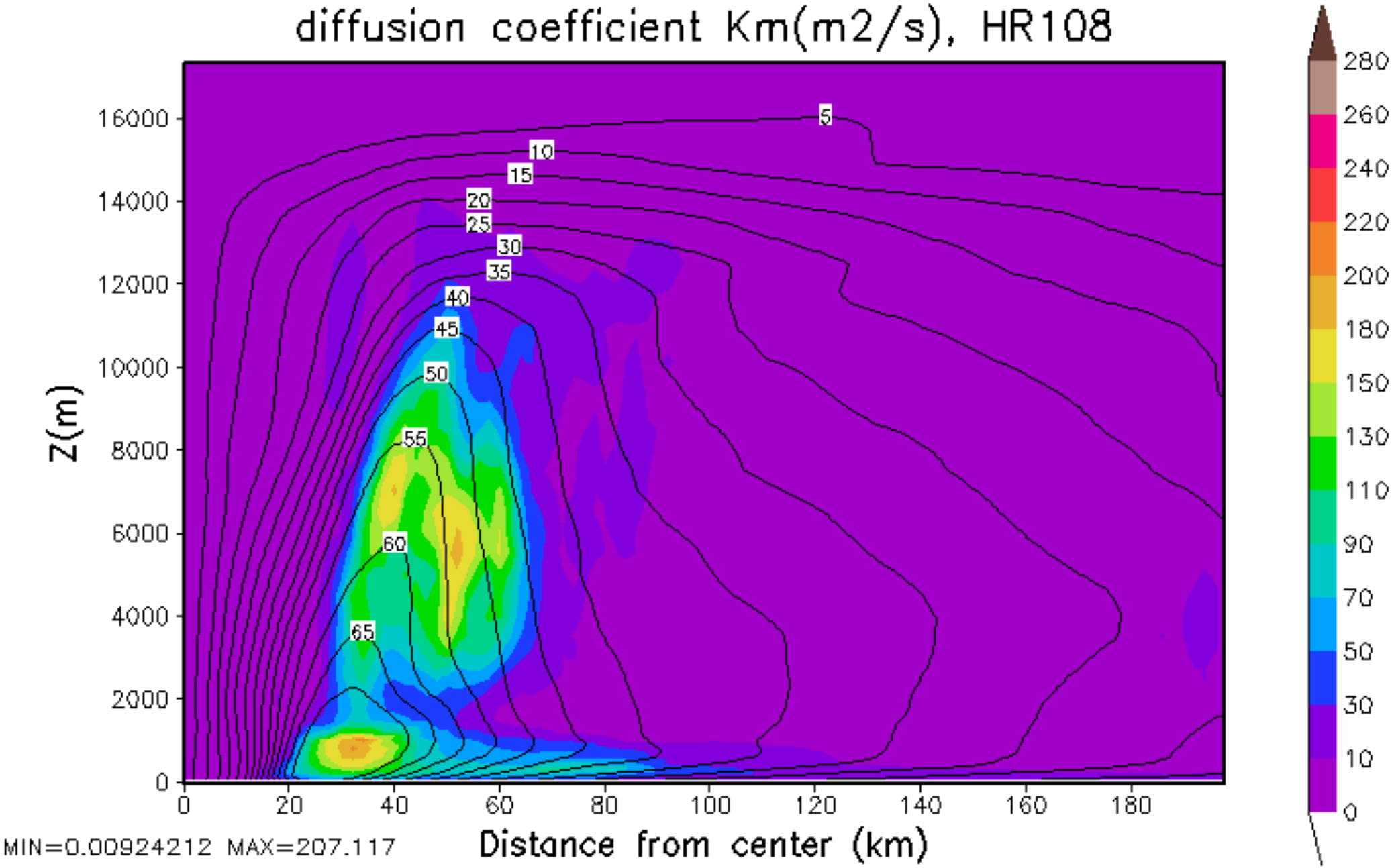
diffusion coefficient Km(m2/s), HR108
Z(m)
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Distance from center (km)
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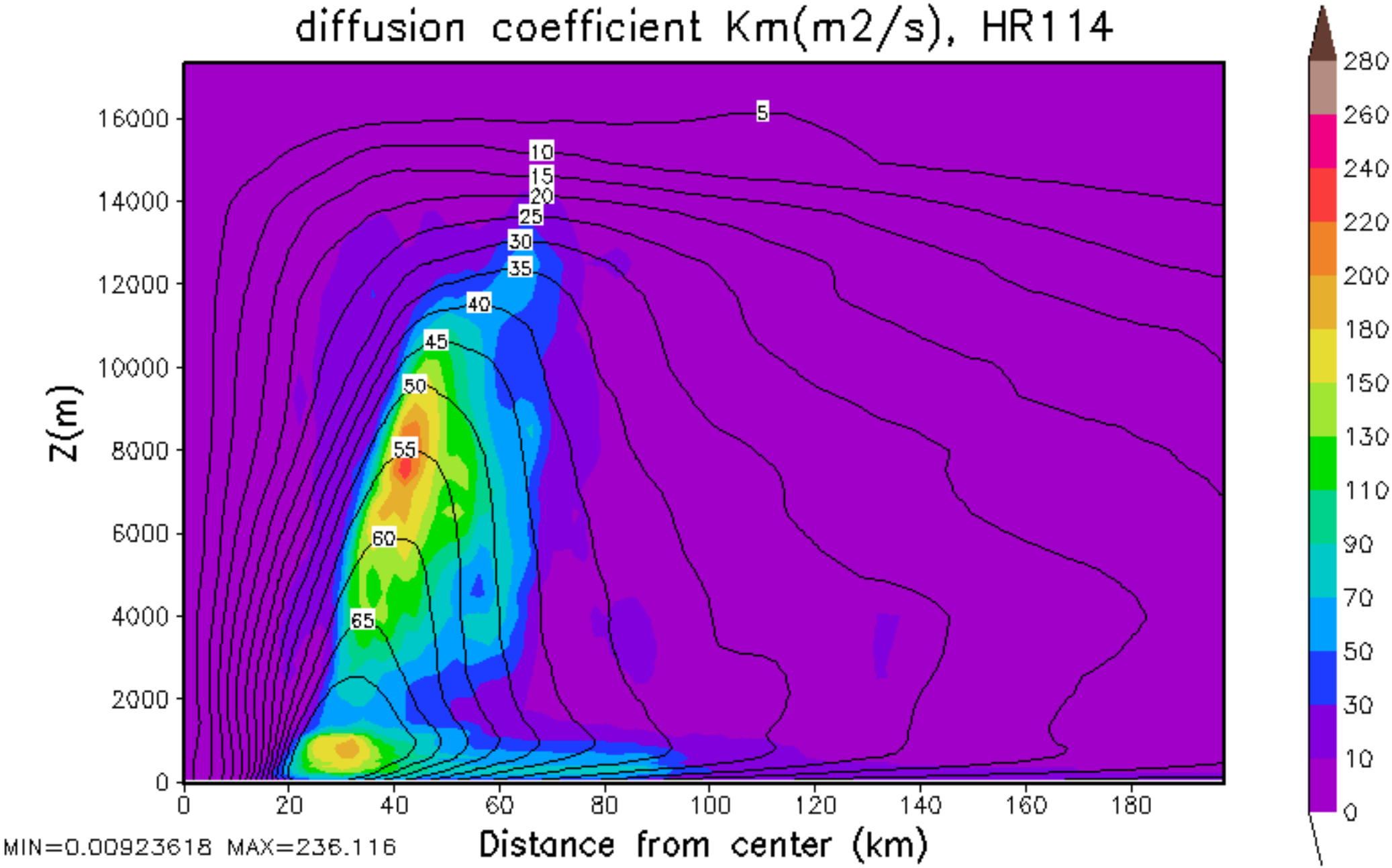
diffusion coefficient Km(m2/s), HR114
Z(m)
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10000
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180
Distance from center (km)
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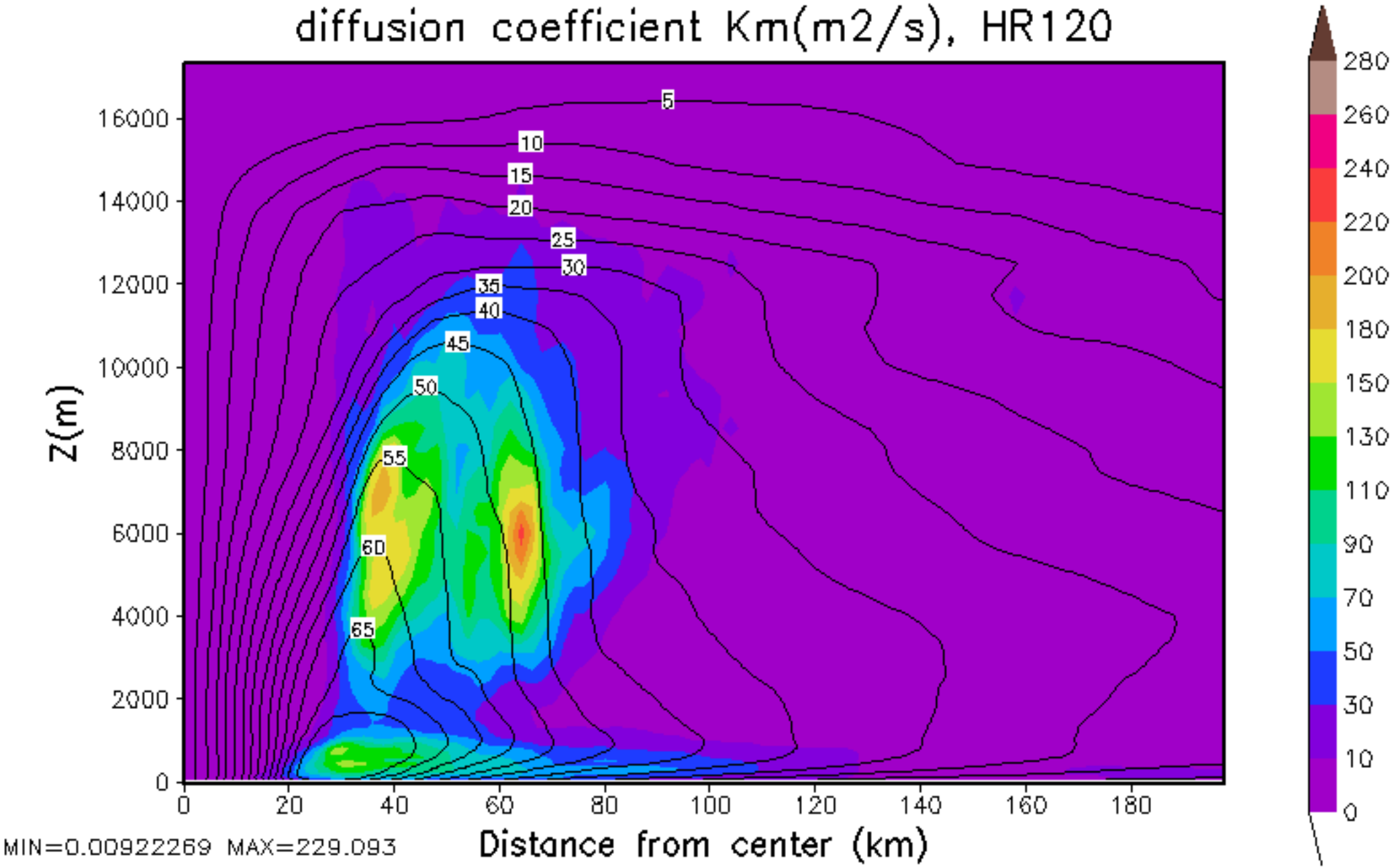
MIN=0.00923618 MAX=236.116


diffusion coefficient Km(m2/s), HR120
Z(m)
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12000
10000
8000
6000
4000
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80
100
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180
Distance from center (km)
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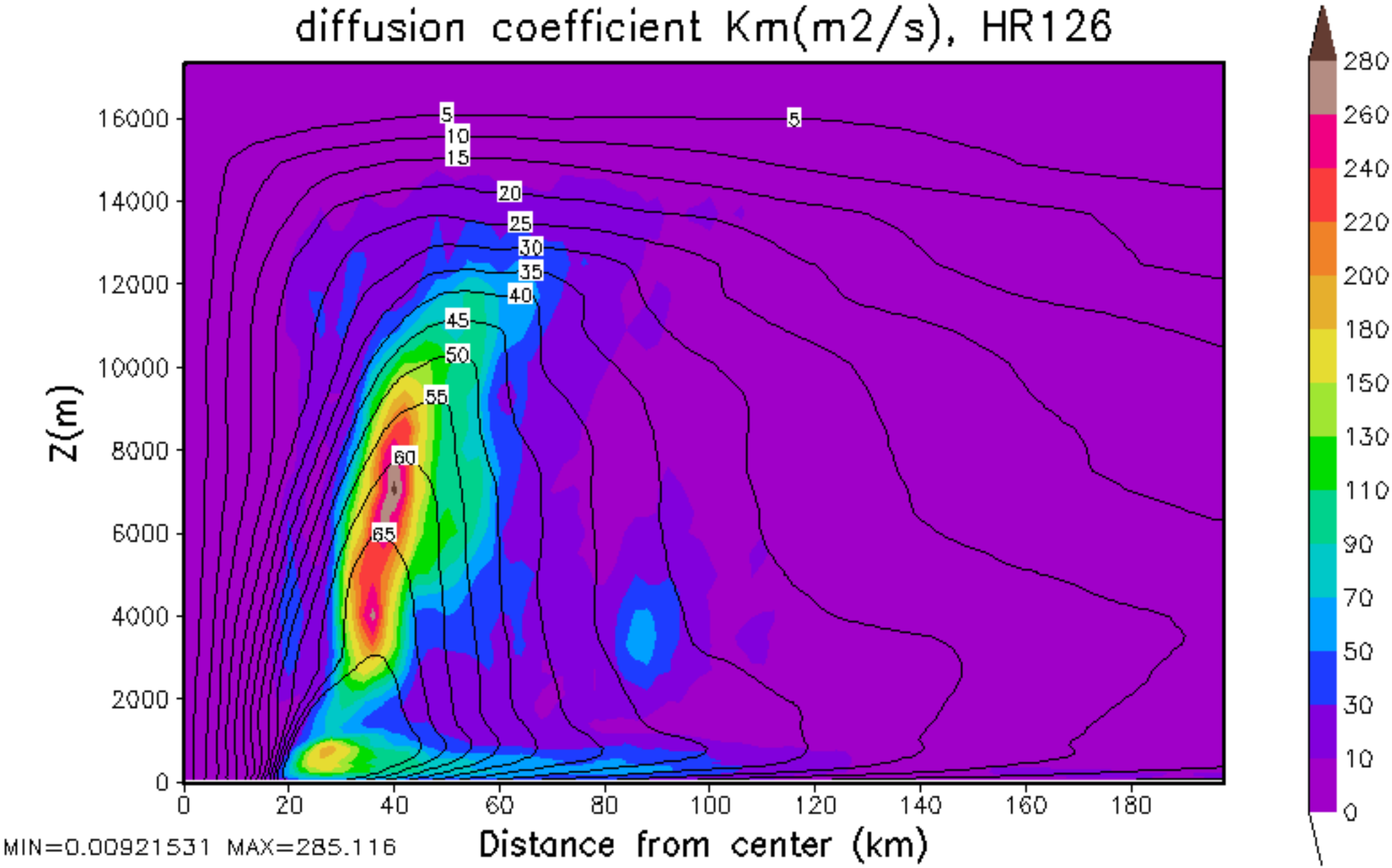
diffusion coefficient Km(m2/s), HR126
Z(m)
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12000
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180
Distance from center (km)
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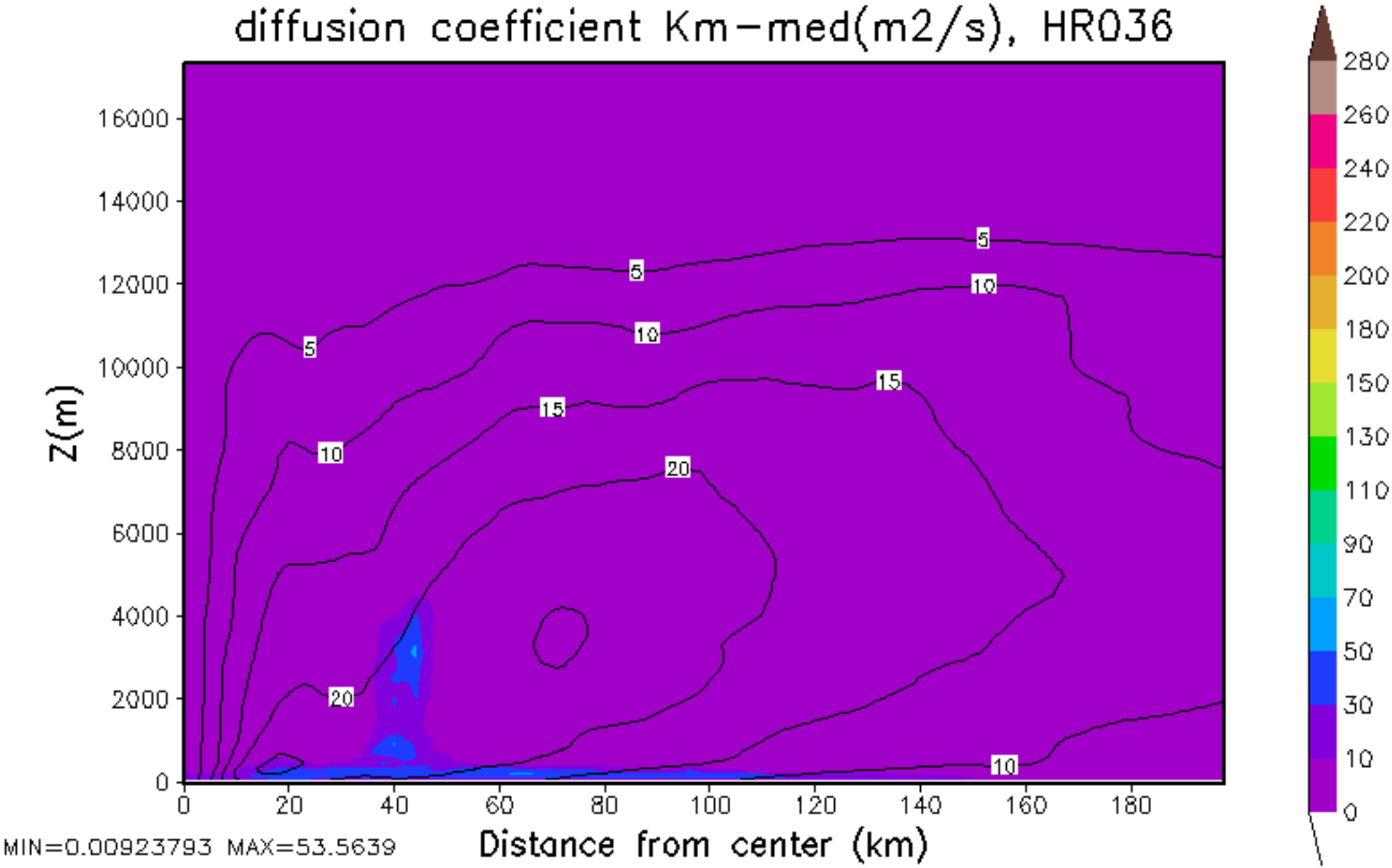
MIN=0.00921531 MAX=285.116


diffusion coefficient Km-med(m2/s), HR036
Z(m)
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10000
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0
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100
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160
180
Distance from center (km)
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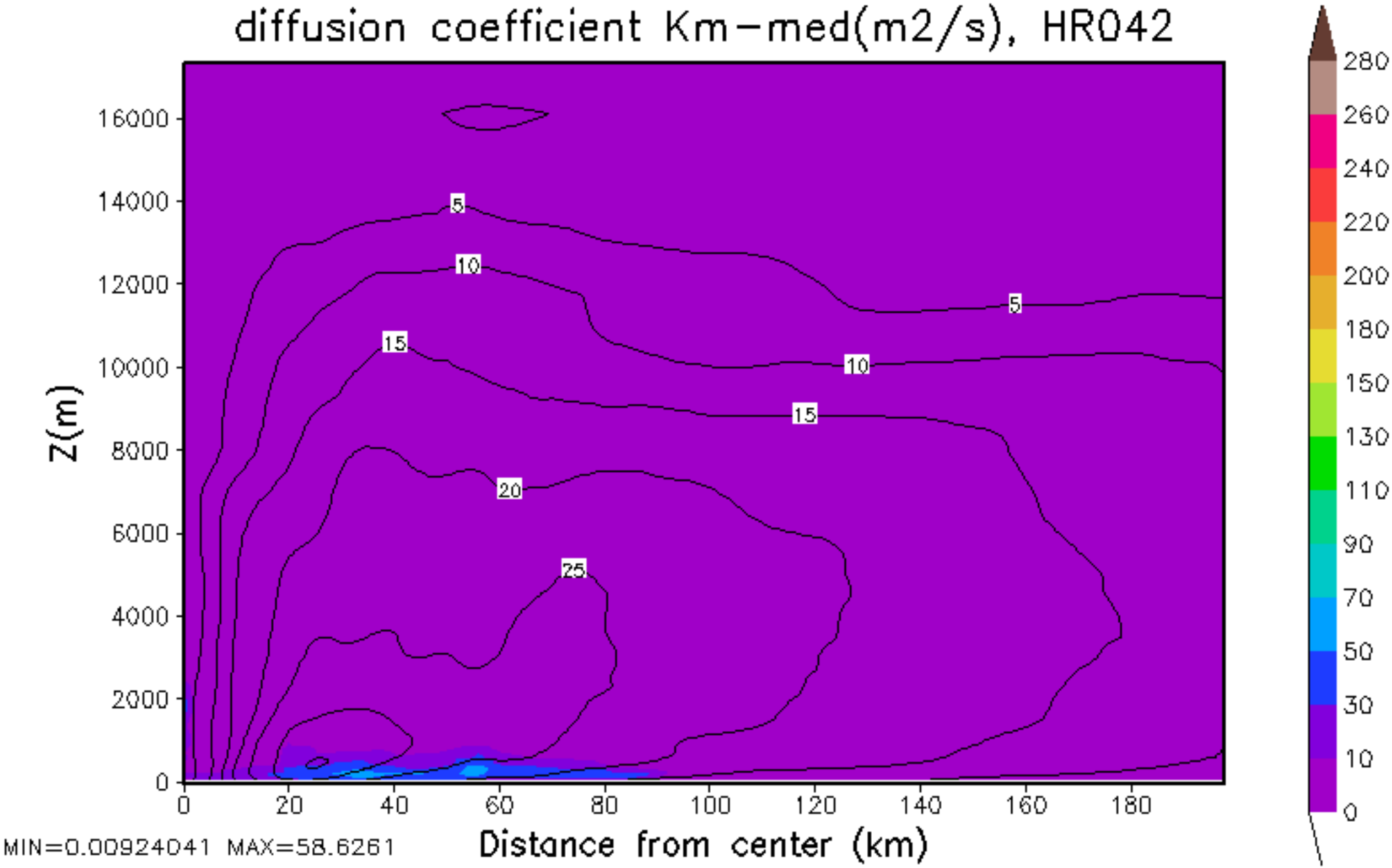
MIN=0.00923793 MAX=53.5639


diffusion coefficient Km-med(m2/s), HR042
Z(m)
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180
Distance from center (km)
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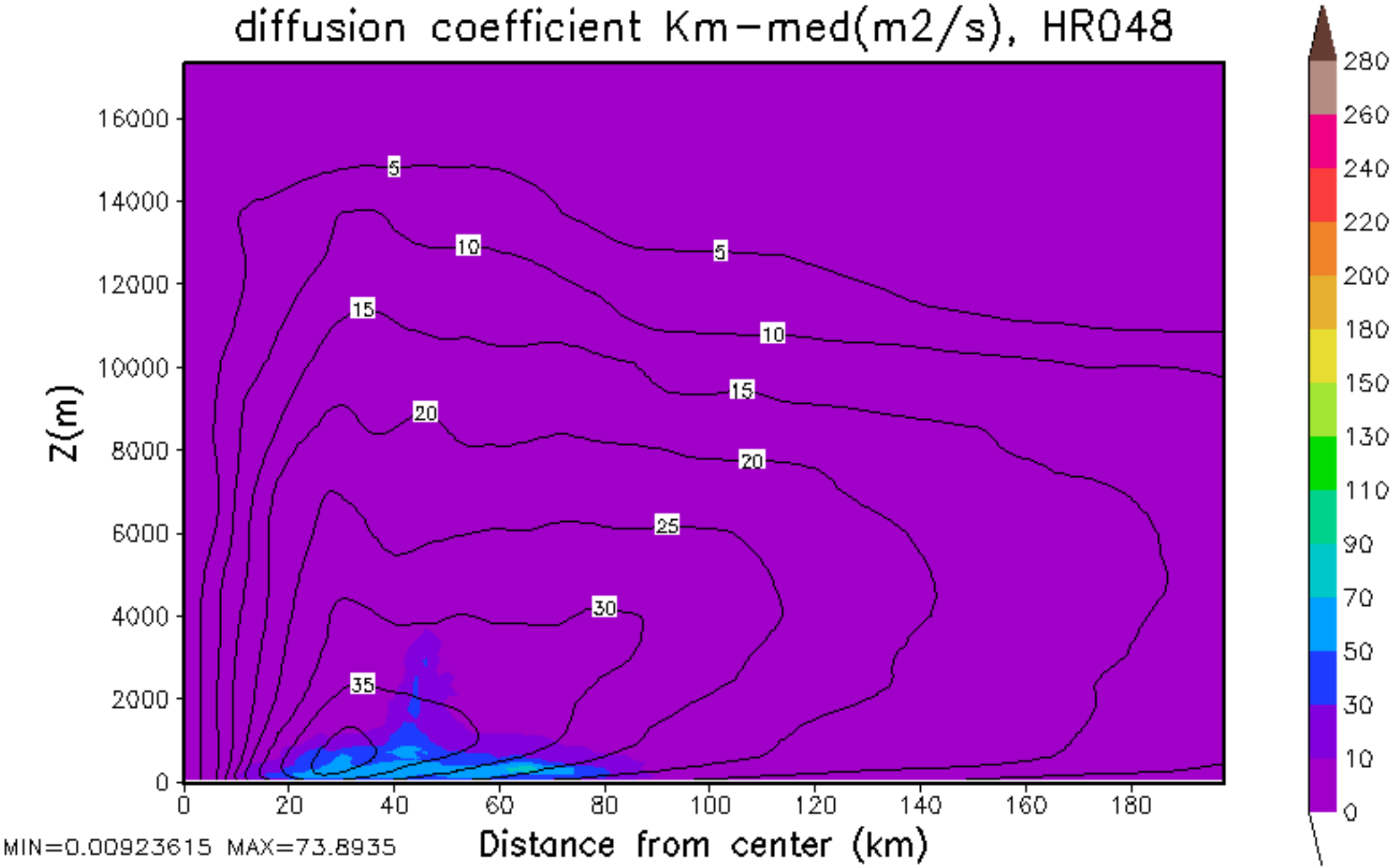
diffusion coefficient Km-med(m2/s), HR048
Z(m)
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180
Distance from center (km)
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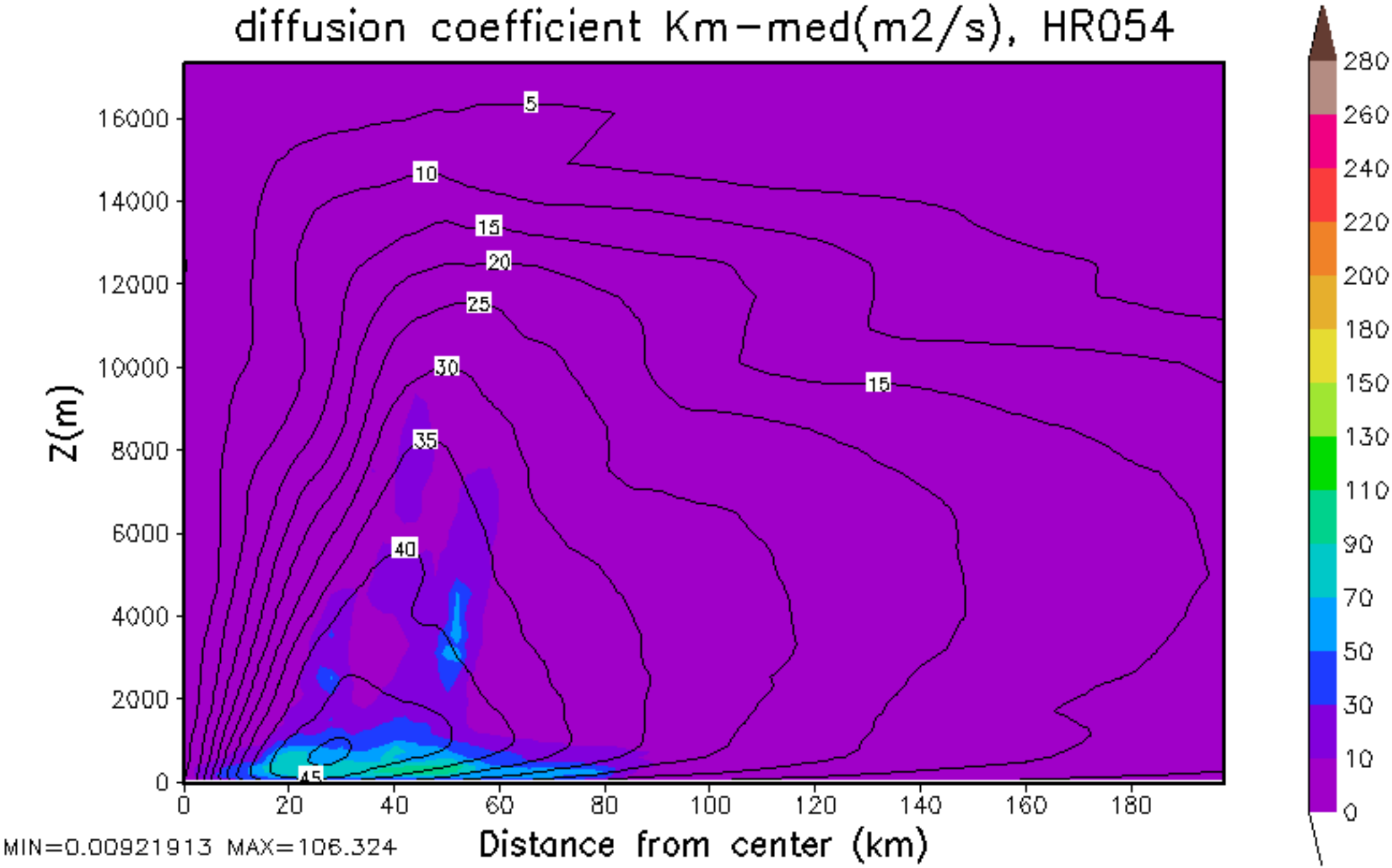
MIN=0.00923615 MAX=73.8935


diffusion coefficient Km-med(m2/s), HR054
Z(m)
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12000
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180
Distance from center (km)
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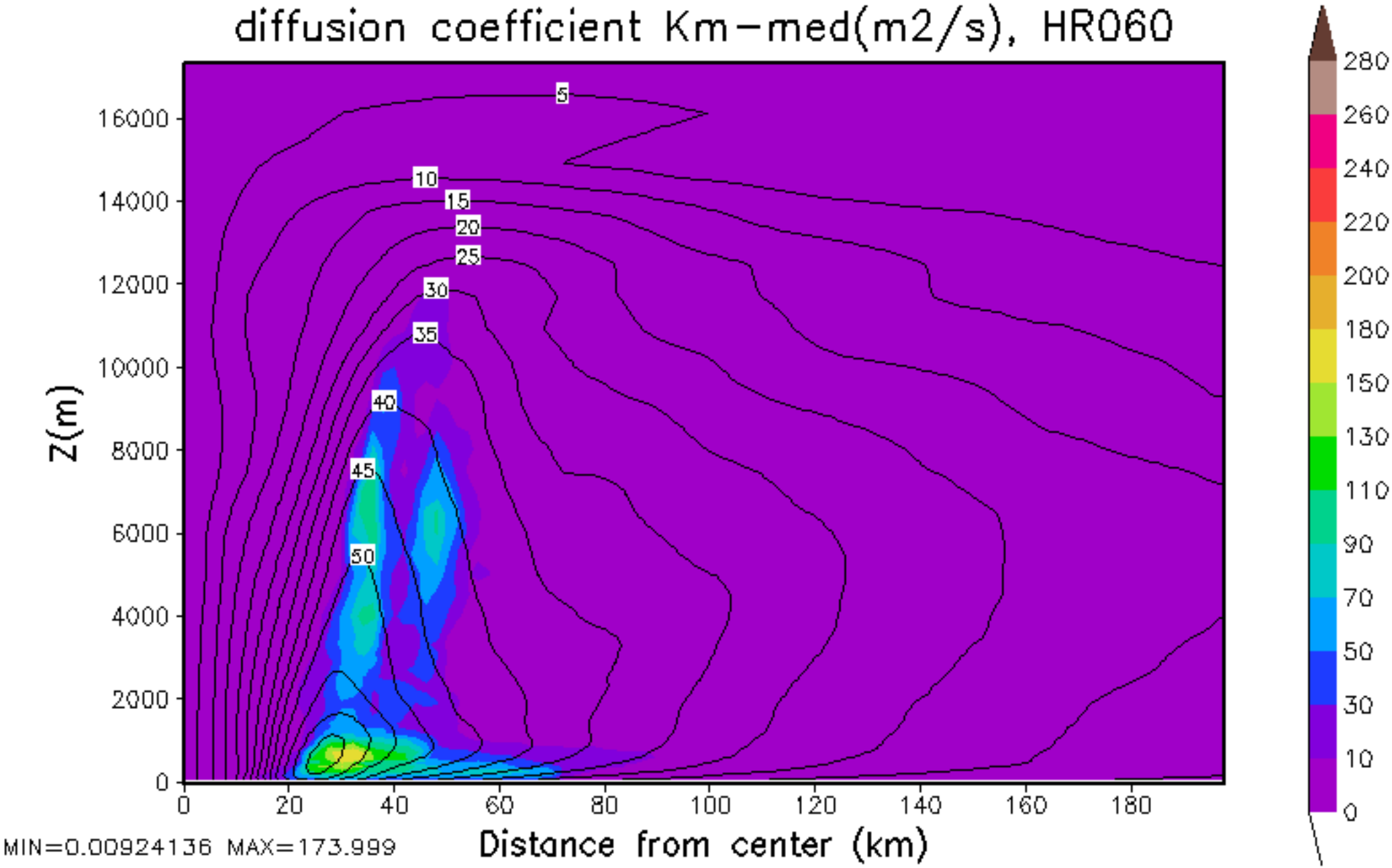
MIN=0.00921913 MAX=106.324


diffusion coefficient Km-med(m2/s), HR060
Z(m)
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12000
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180
Distance from center (km)
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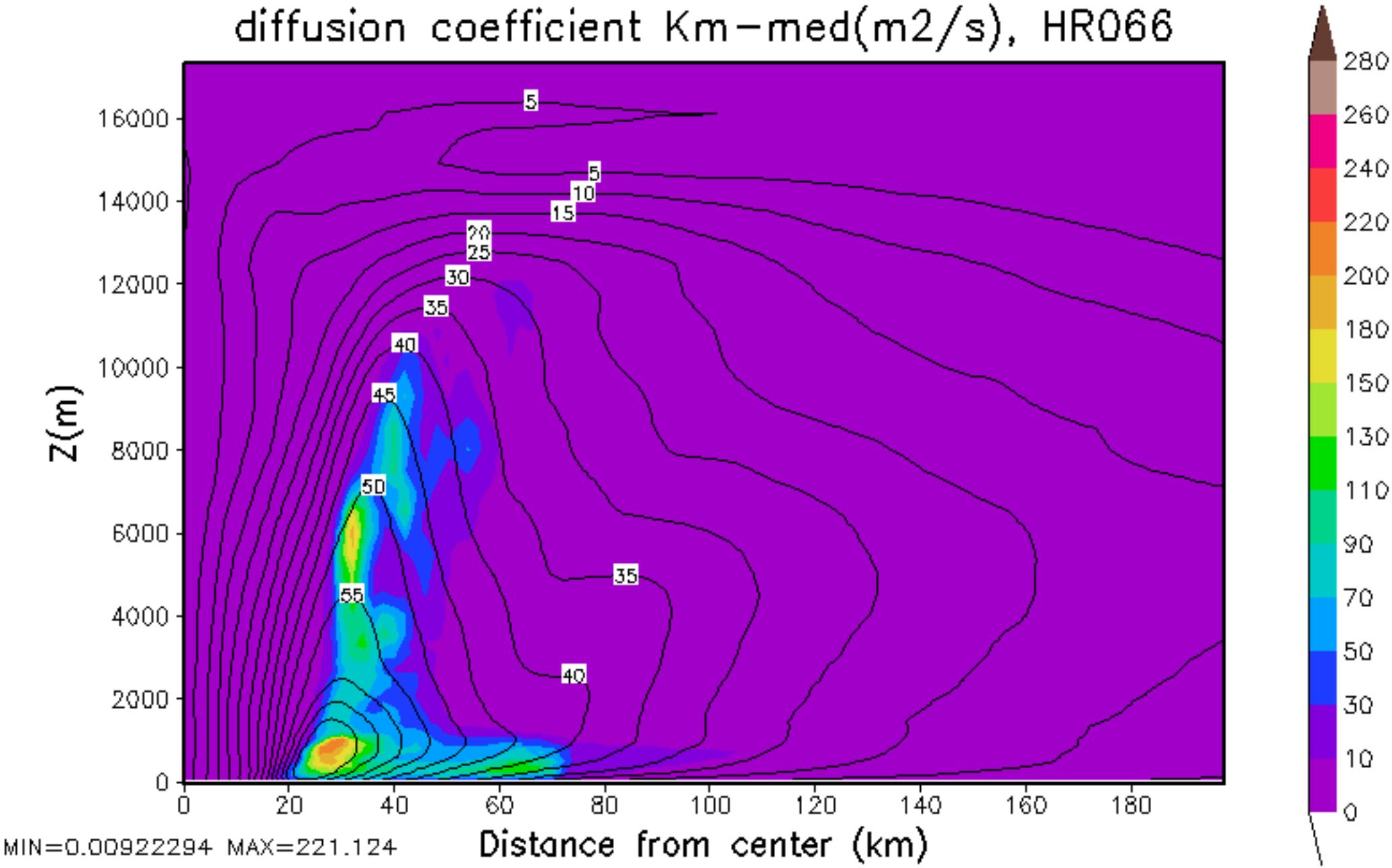
diffusion coefficient Km-med(m2/s), HR066
Z(m)
Distance from center (km)
MIN=0.00922294 MAX=221.124
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4000
6000
8000
10000
12000
14000
16000
0
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40
60
80
100
120
140
160
180
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20
25
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10
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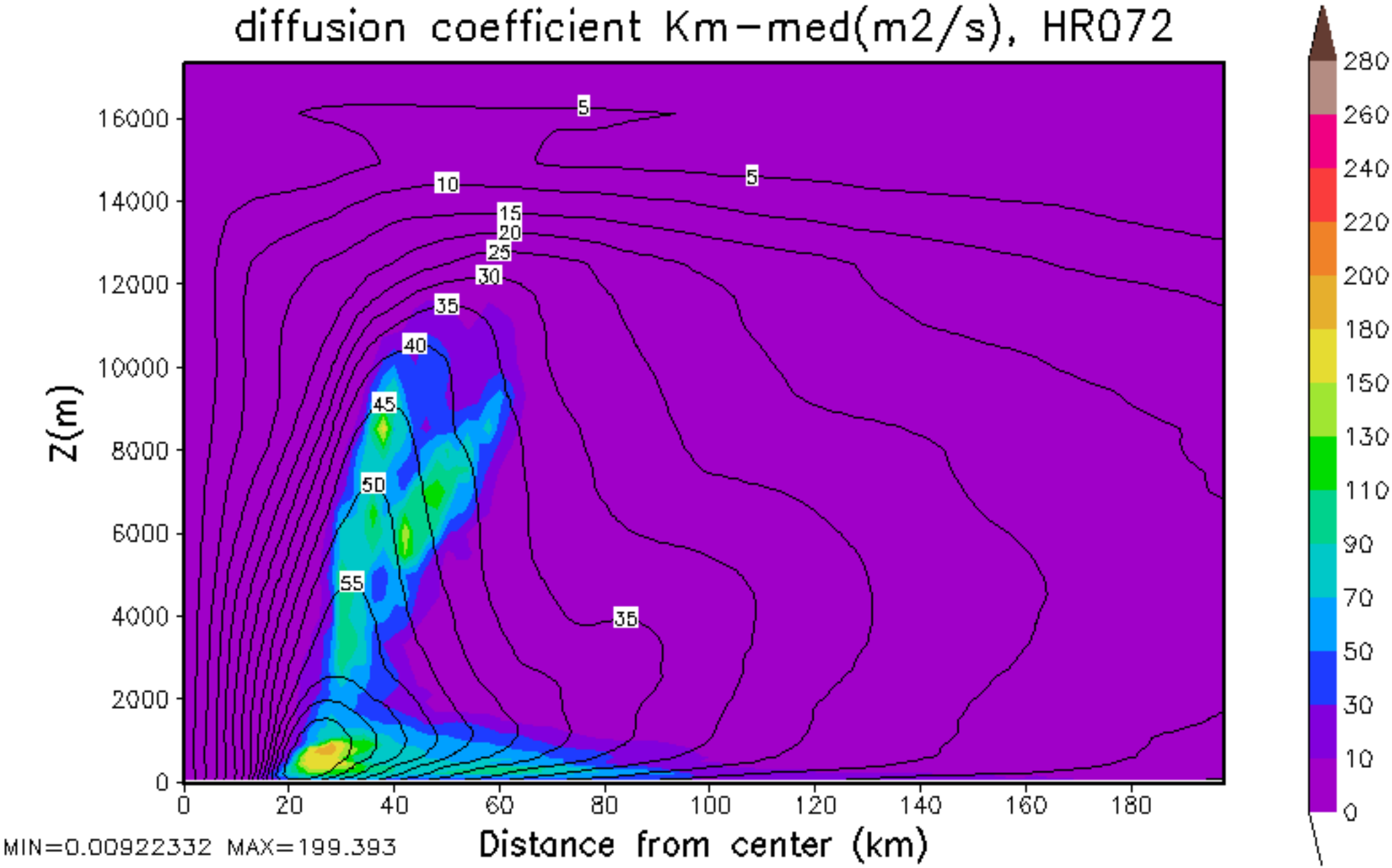
diffusion coefficient Km-med(m2/s), HR072
Z(m)
Distance from center (km)
MIN=0.00922332 MAX=199.393
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2000
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8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
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15
20
25
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35
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110
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30
10
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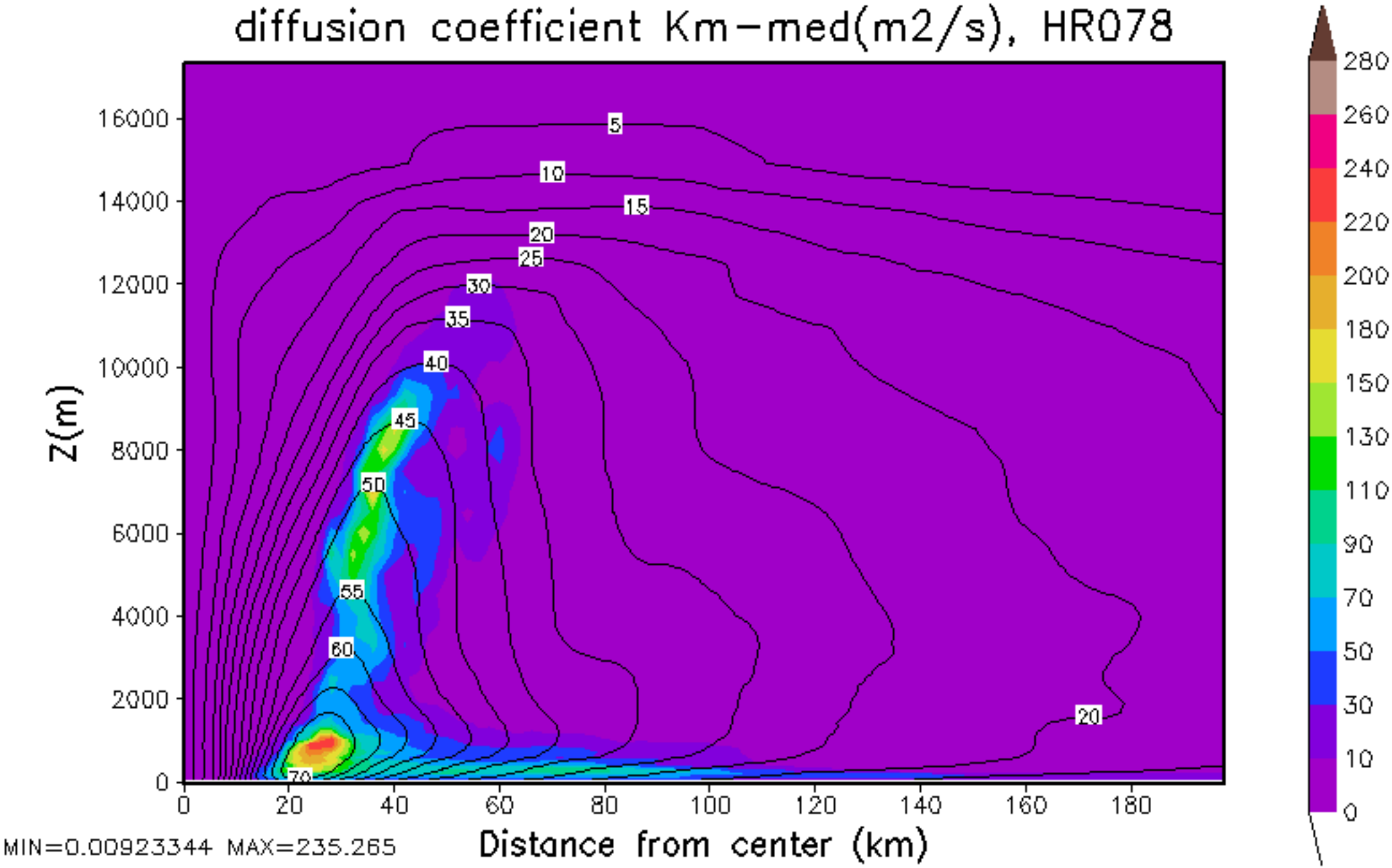
diffusion coefficient Km-med(m2/s), HR078
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
45
50
55
60
70
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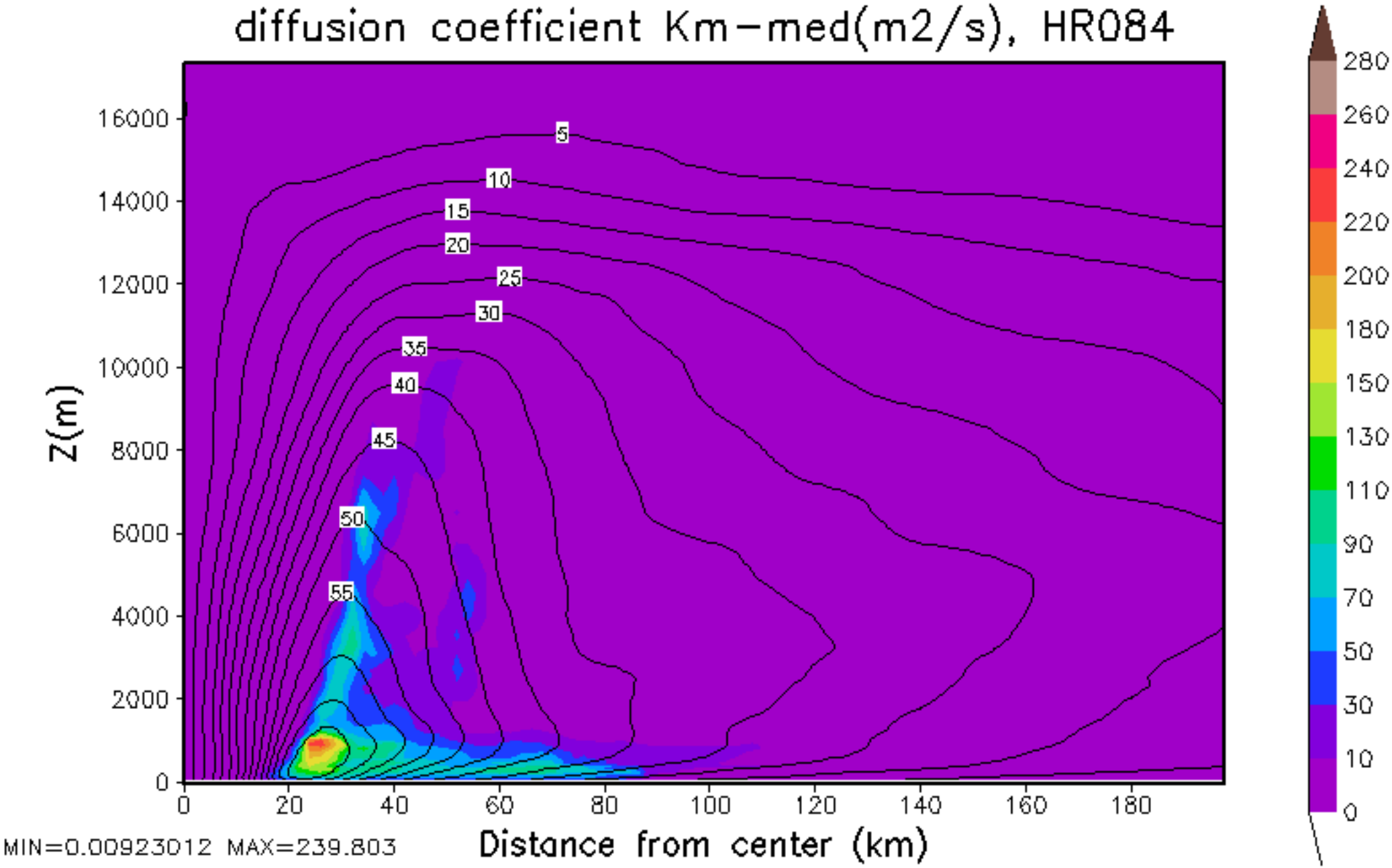
MIN=0.00923344 MAX=235.265


diffusion coefficient Km-med(m2/s), HR084
Z(m)
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180
Distance from center (km)
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15
20
25
30
35
40
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50
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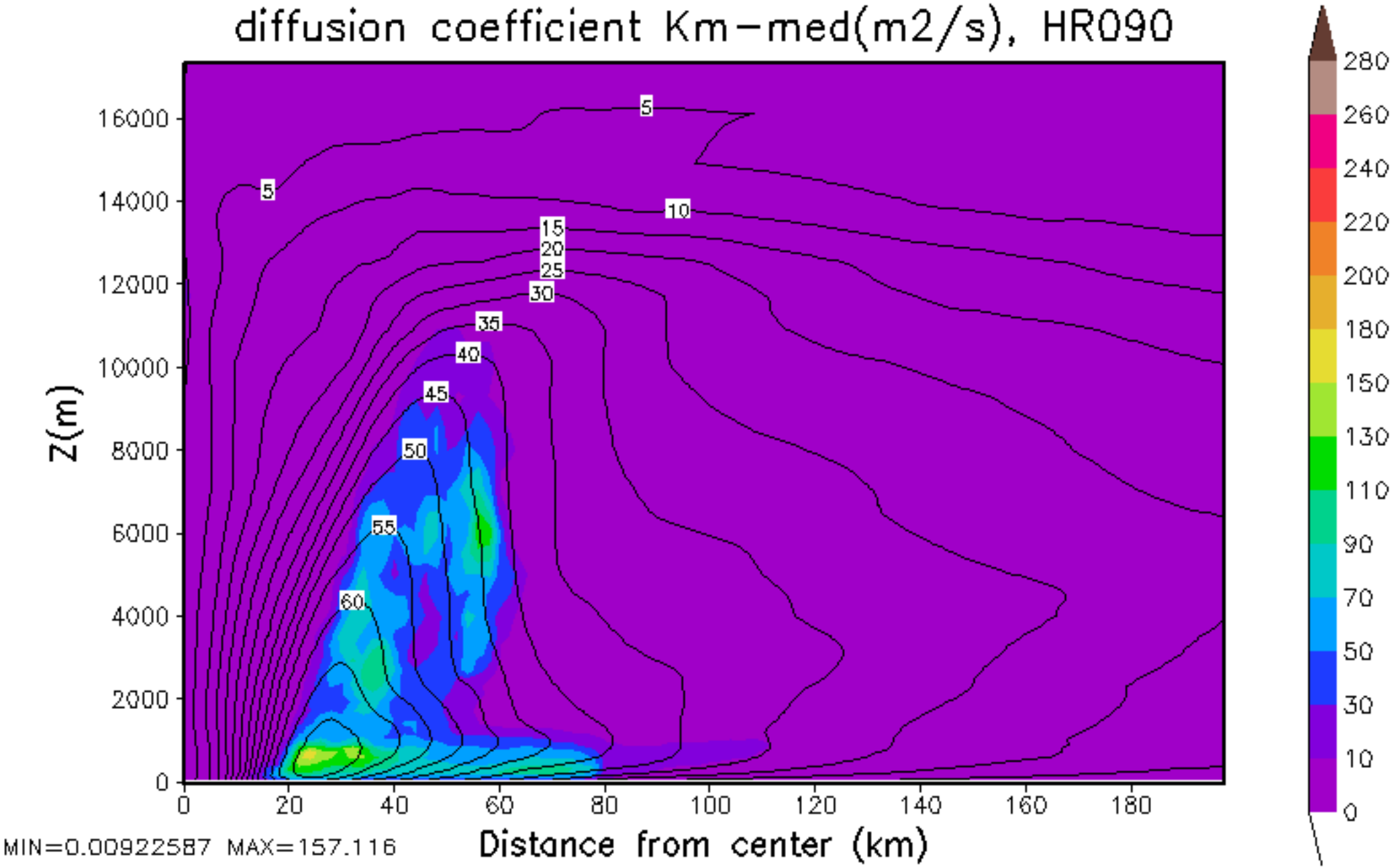
MIN=0.00923012 MAX=239.803


diffusion coefficient Km-med(m2/s), HR090
Z(m)
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100
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140
160
180
Distance from center (km)
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50
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200
180
150
130
110
90
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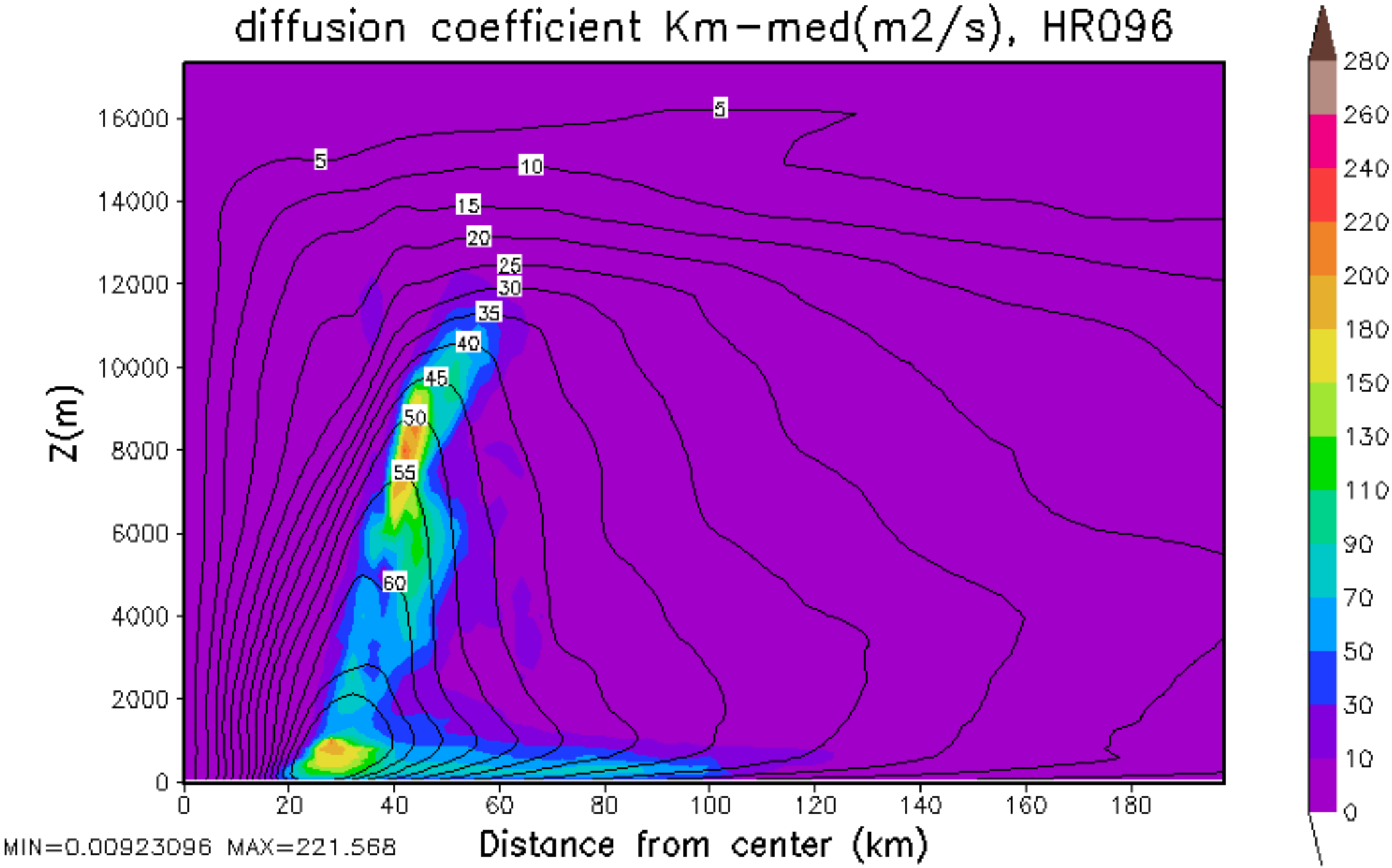
0
MIN=0.00922587 MAX=157.116


diffusion coefficient Km-med(m2/s), HR096
Z(m)
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8000
6000
4000
2000
0
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60
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100
120
140
160
180
Distance from center (km)
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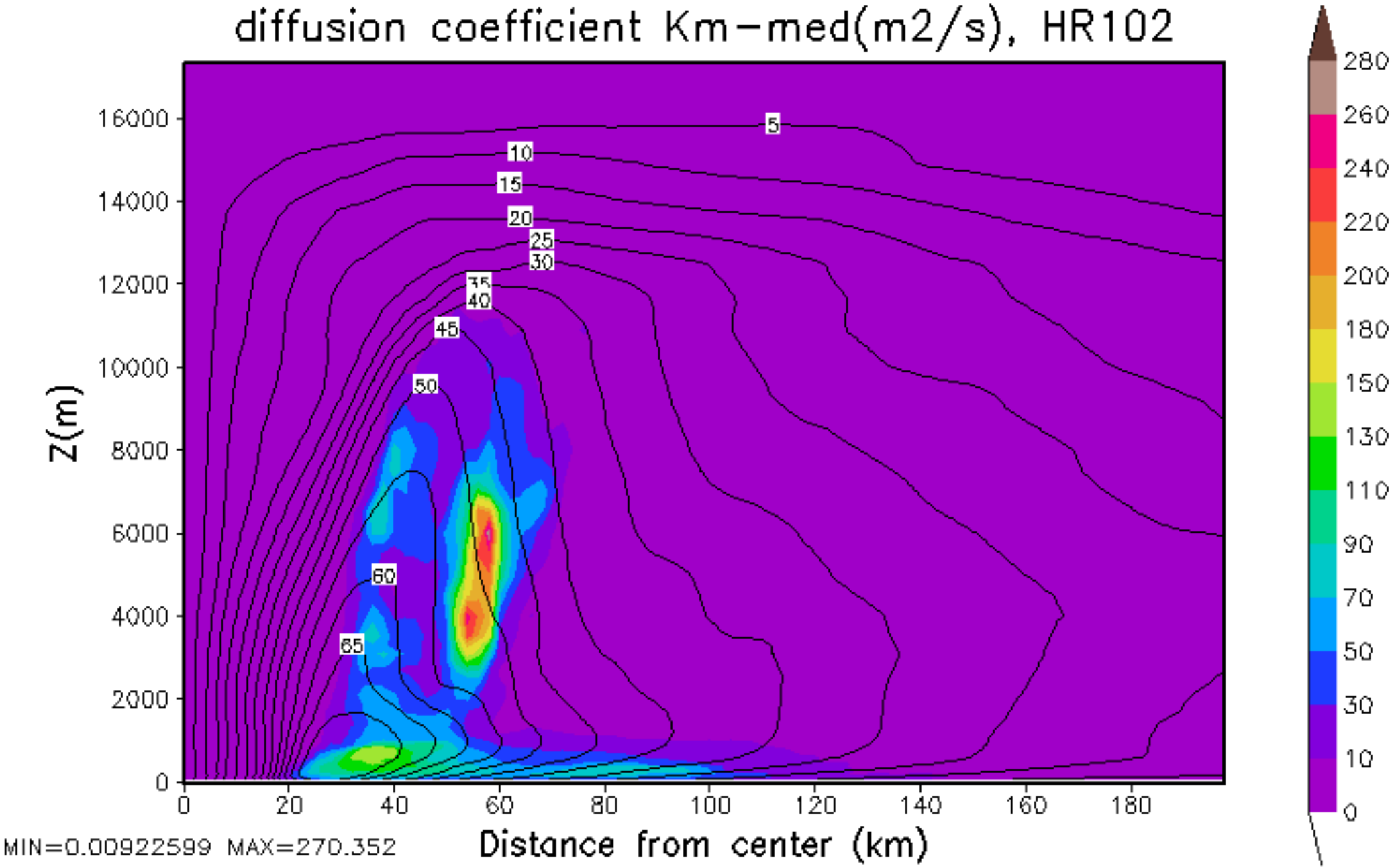
MIN=0.00923096 MAX=221.568


diffusion coefficient Km-med(m2/s), HR102
Z(m)
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10000
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6000
4000
2000
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40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
45
50
60
65
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180
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10
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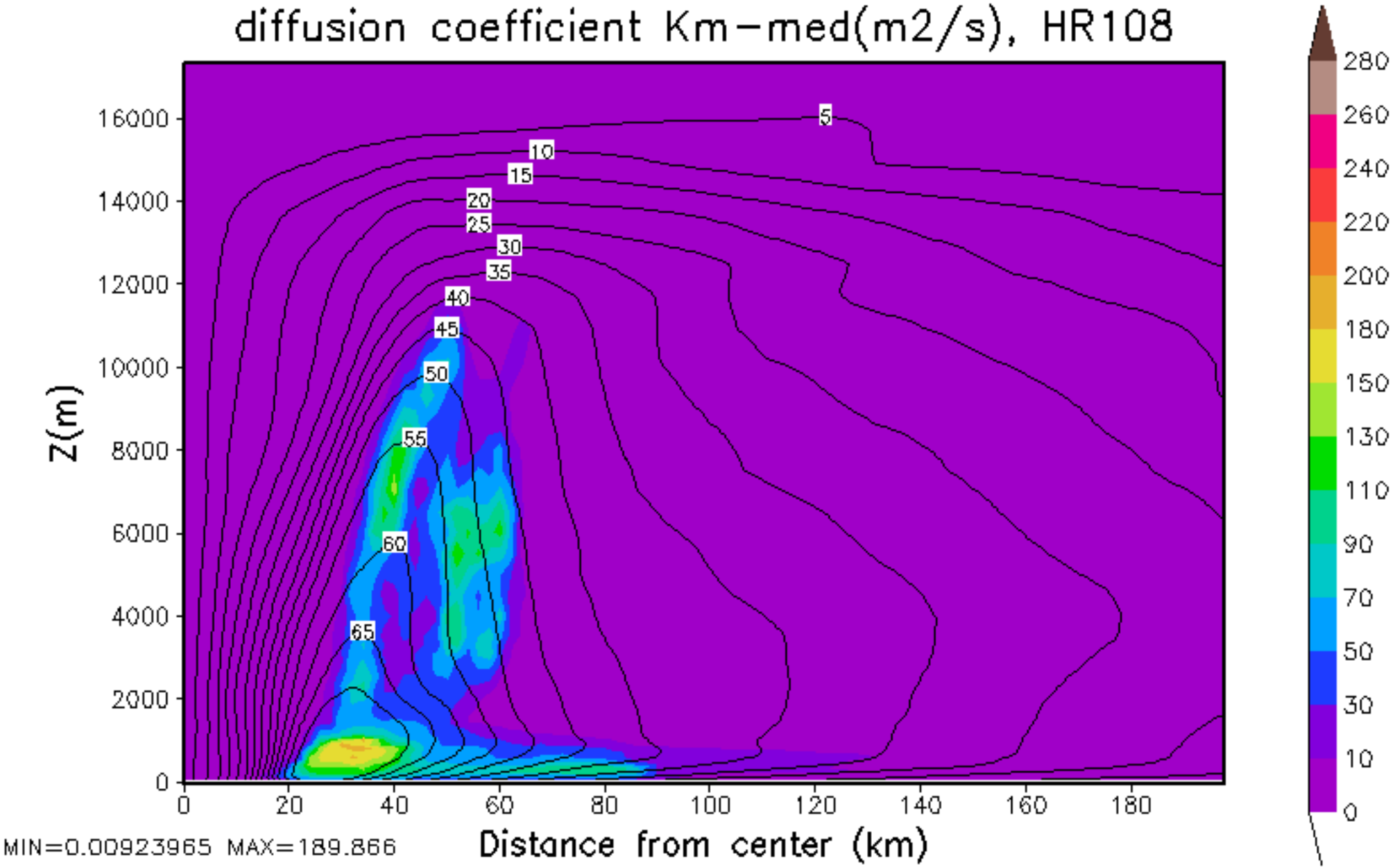
MIN=0.00922599 MAX=270.352


diffusion coefficient Km-med(m2/s), HR108
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
45
50
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60
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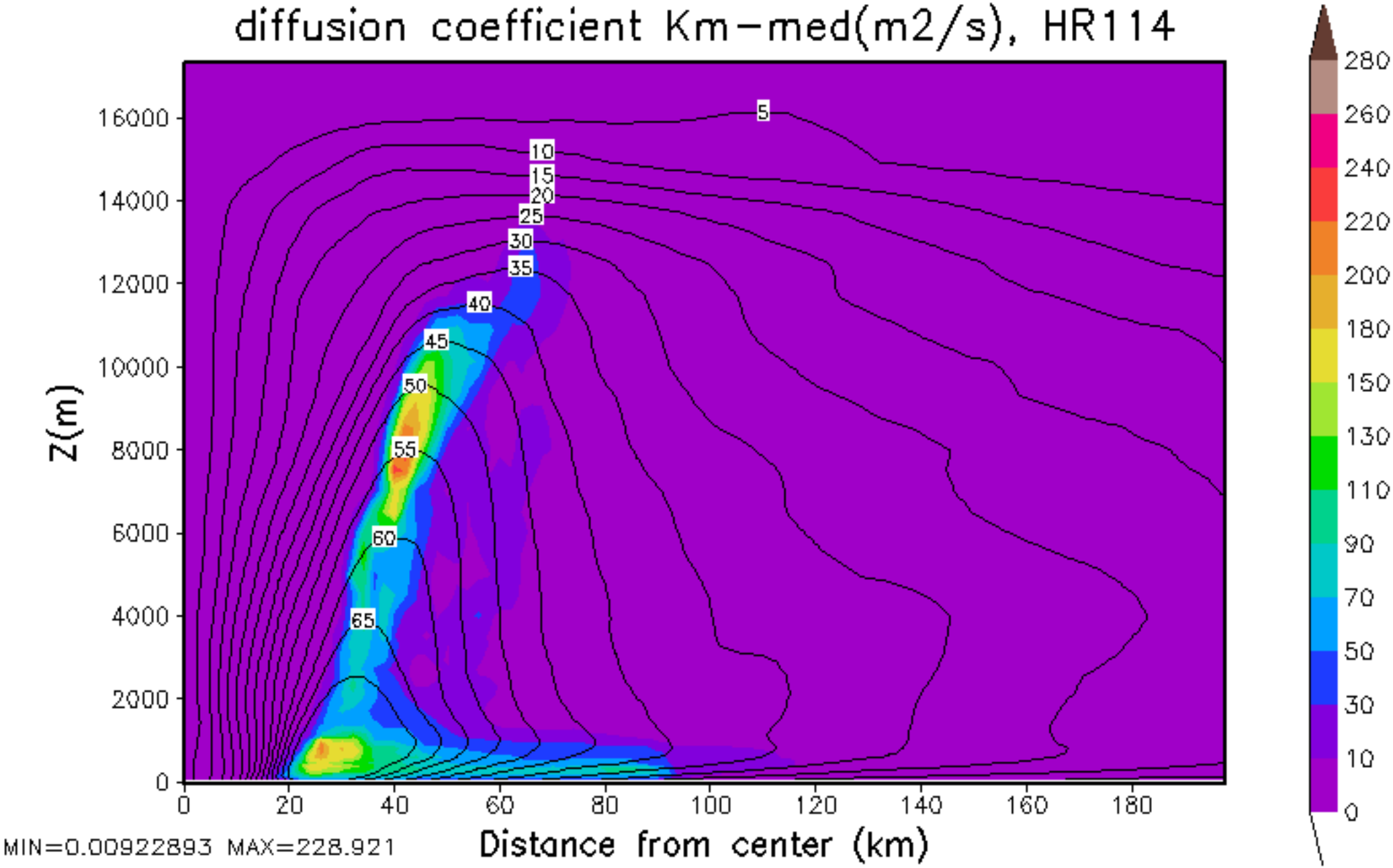
MIN=0.00923965 MAX=189.866


diffusion coefficient Km-med(m2/s), HR114
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
45
50
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60
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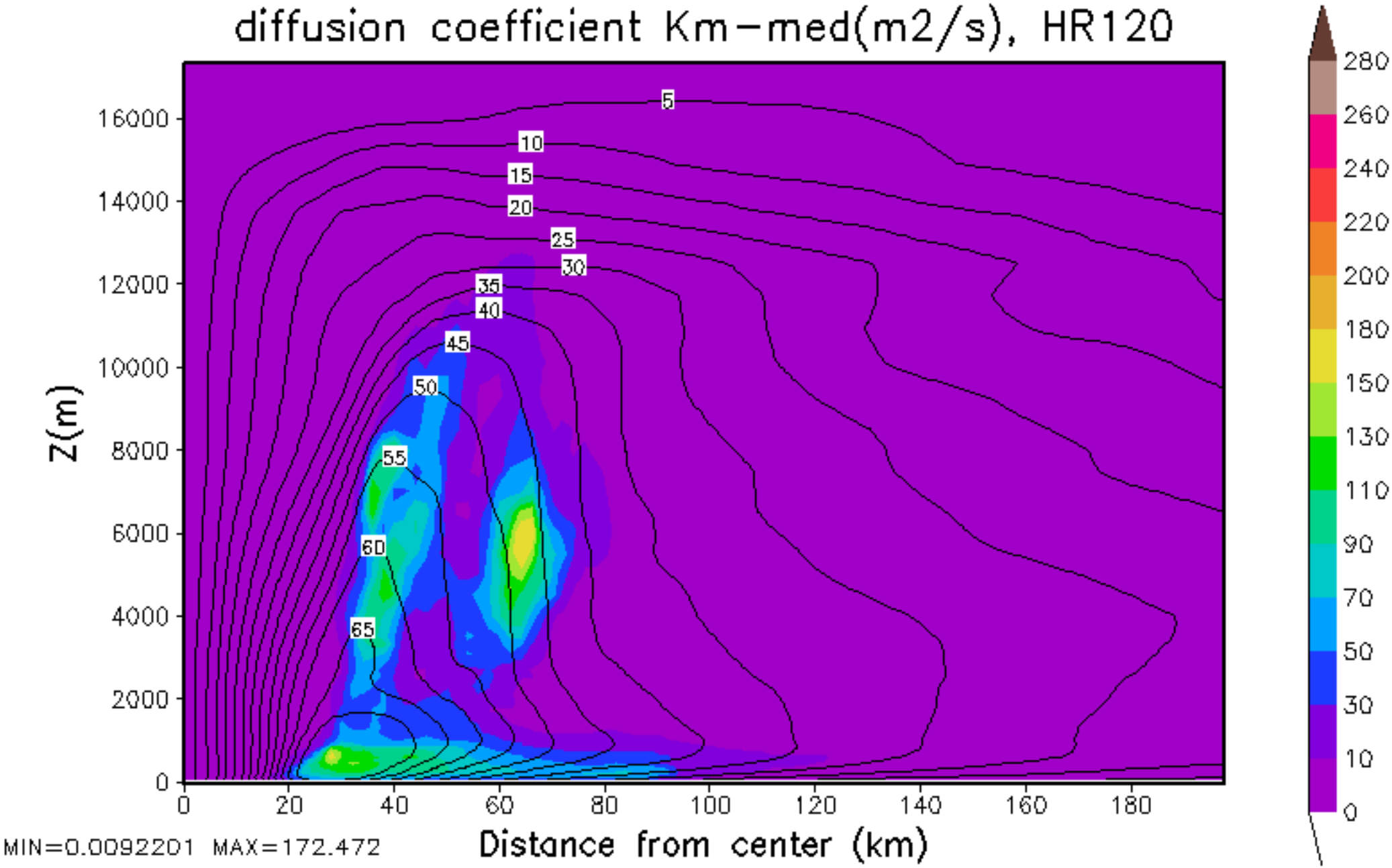
MIN=0.00922893 MAX=228.921


diffusion coefficient Km-med(m2/s), HR120
Z(m)
Distance from center (km)
MIN=0.0092201 MAX=172.472
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8000
10000
12000
14000
16000
0
20
40
60
80
100
120
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160
180
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15
20
25
30
35
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180
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110
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50
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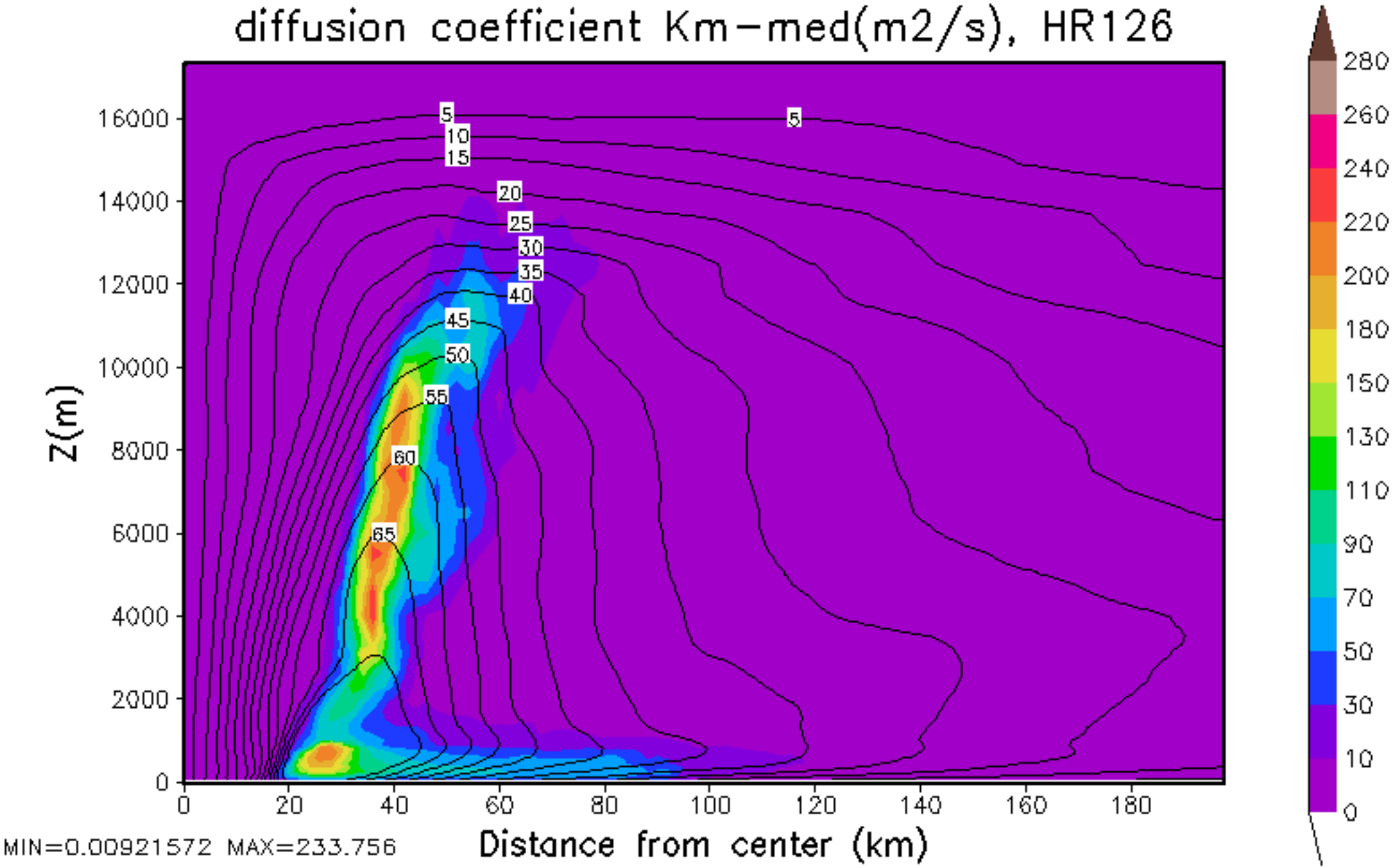
10
0


diffusion coefficient Km-med(m2/s), HR126
Z(m)
Distance from center (km)
MIN=0.00921572 MAX=233.756
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10000
12000
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16000
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10
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20
25
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35
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280
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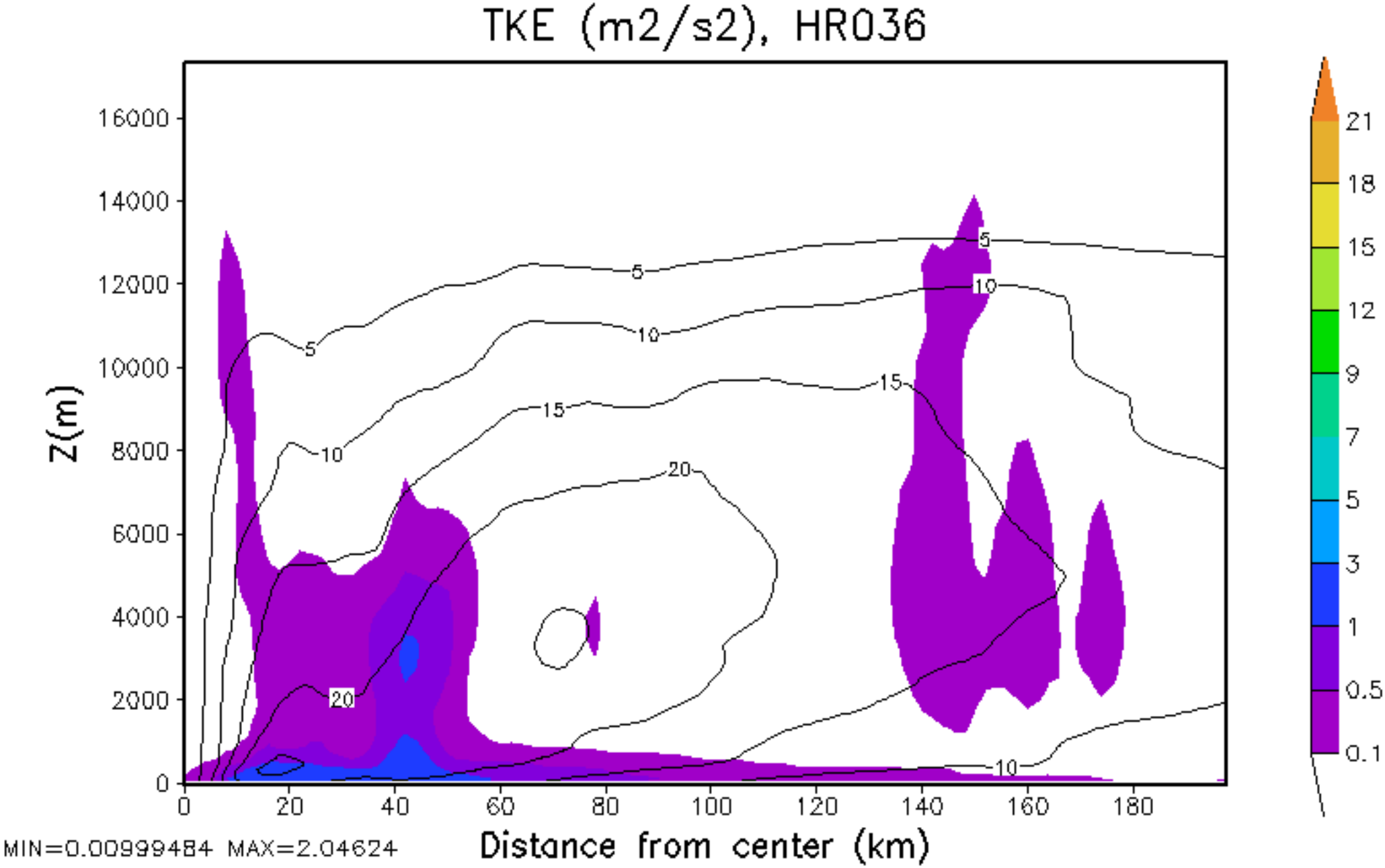
110
90
70
50
30
10
0


TKE (m2/s2), HR036
Z(m)
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6000
4000
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100
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160
180
Distance from center (km)
MIN=0.00999484 MAX=2.04624
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9
7
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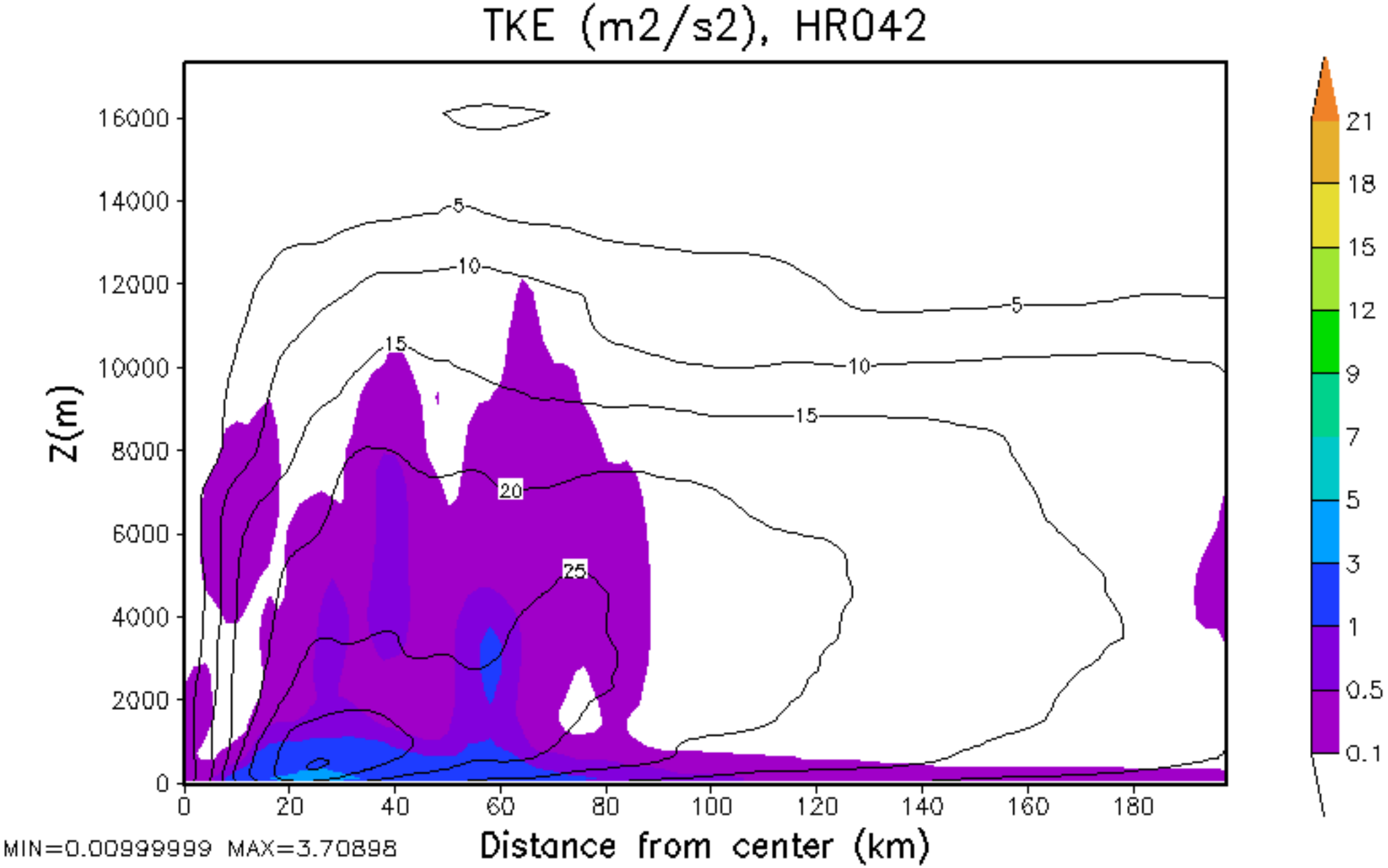
0.5
0.1


TKE (m2/s2), HR042
Z(m)
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10000
8000
6000
4000
2000
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60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
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18
15
12
9
7
5
3
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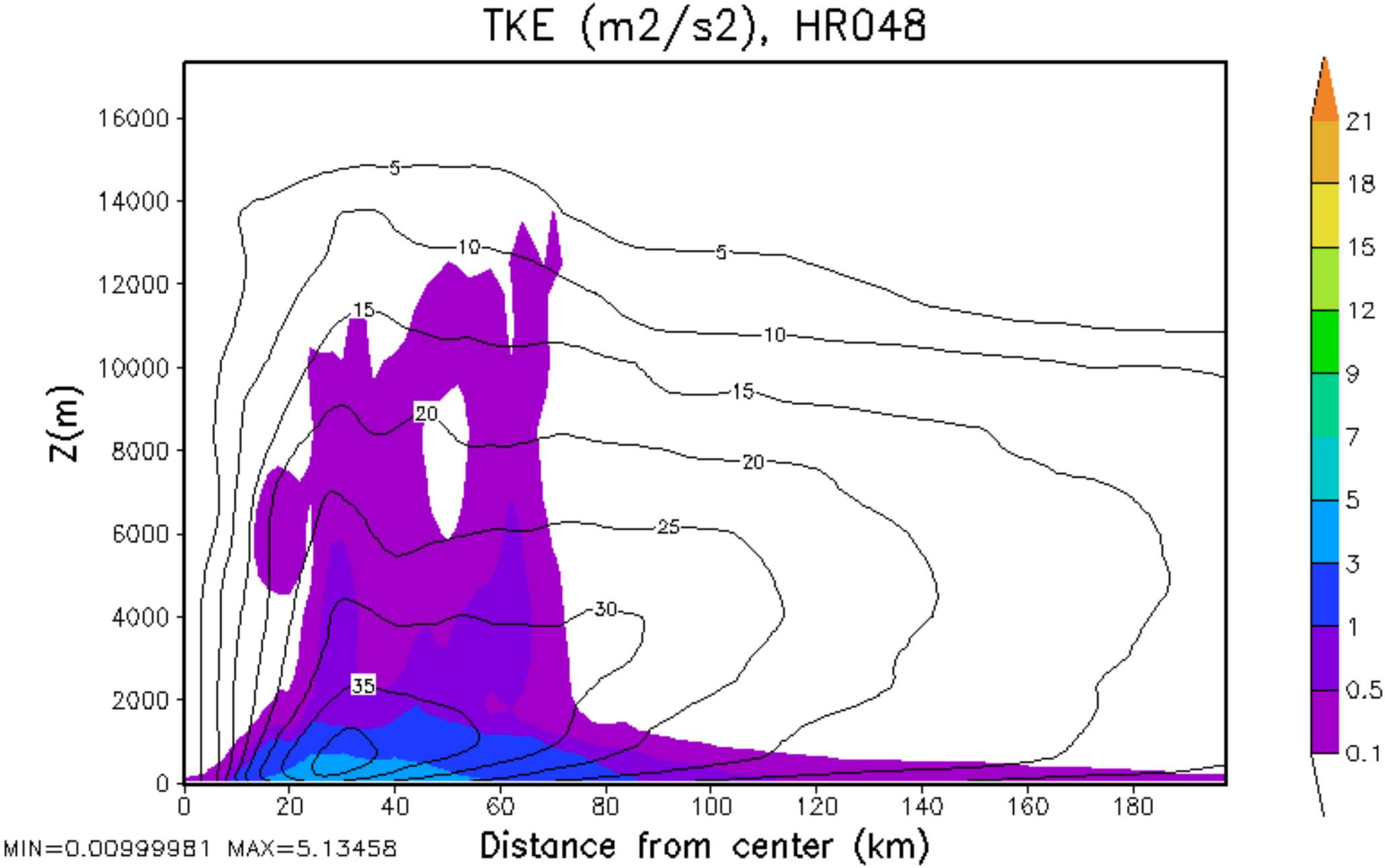
0.5
0.1
MIN=0.00999999 MAX=3.70898


TKE (m2/s2), HR048
Z(m)
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6000
4000
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0
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100
120
140
160
180
Distance from center (km)
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20
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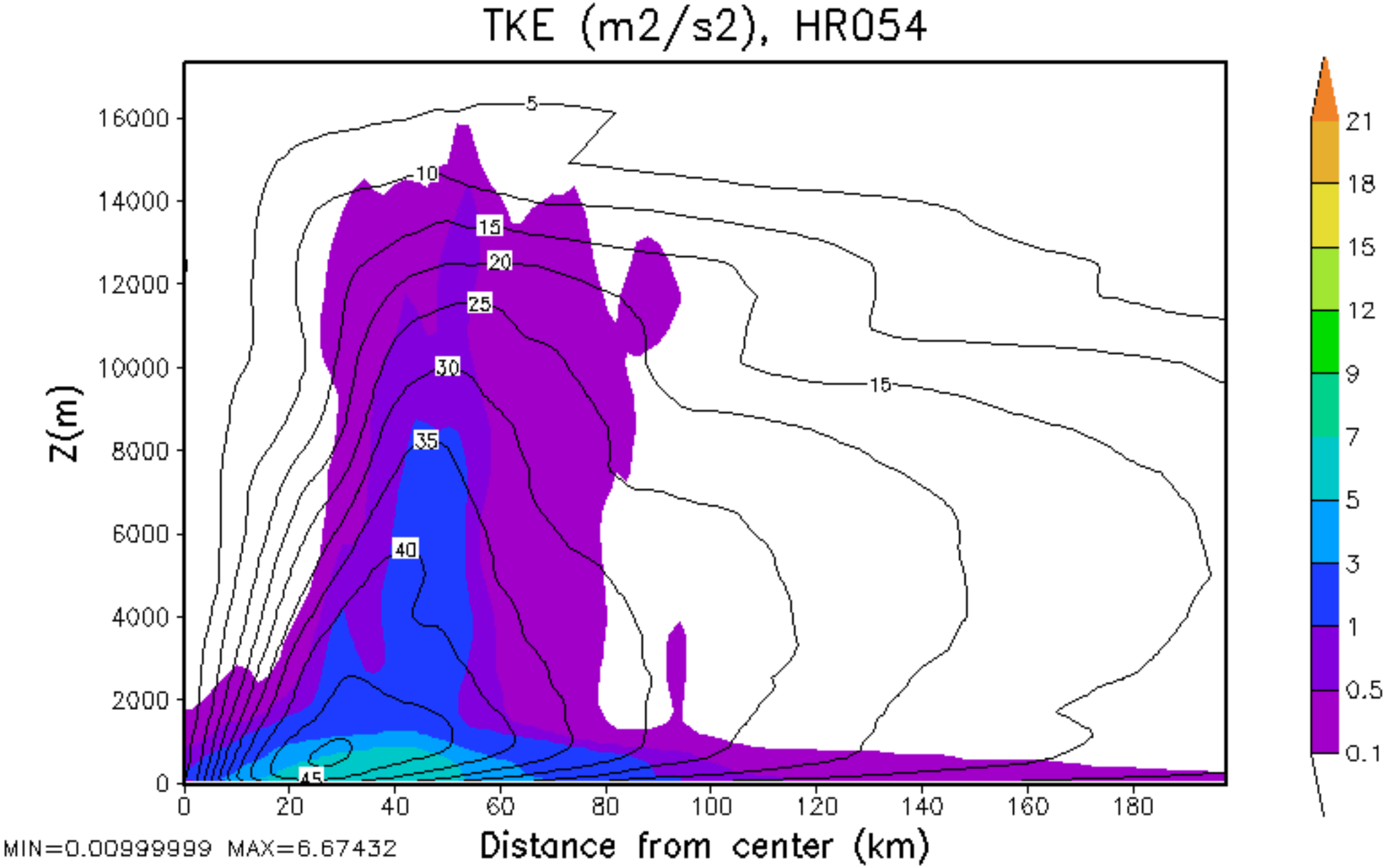
0.1
MIN=0.00999981 MAX=5.13458


TKE (m2/s2), HR054
Z(m)
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180
Distance from center (km)
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20
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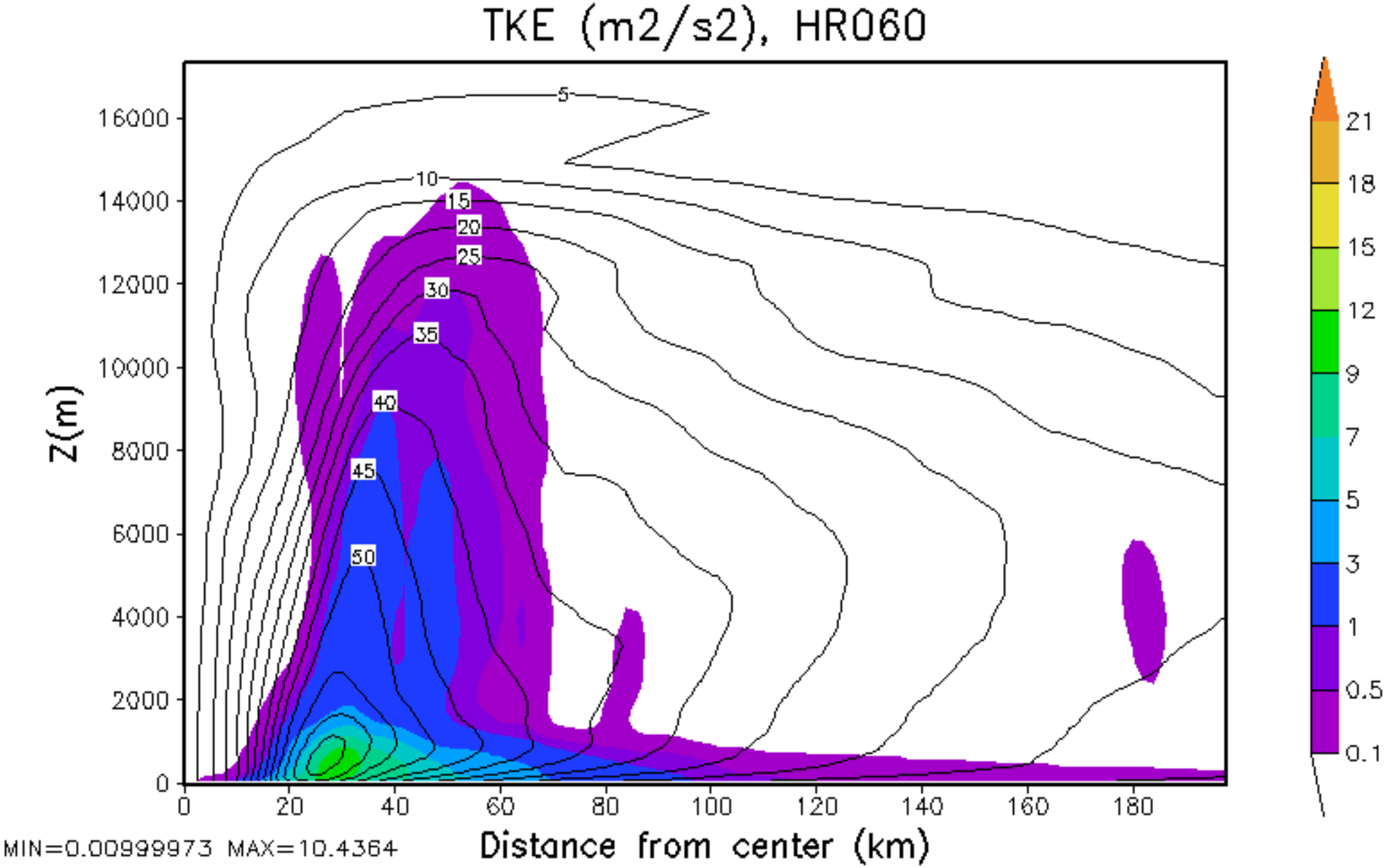
0.5
0.1
MIN=0.00999999 MAX=6.67432


TKE (m2/s2), HR060
Z(m)
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4000
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180
Distance from center (km)
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15
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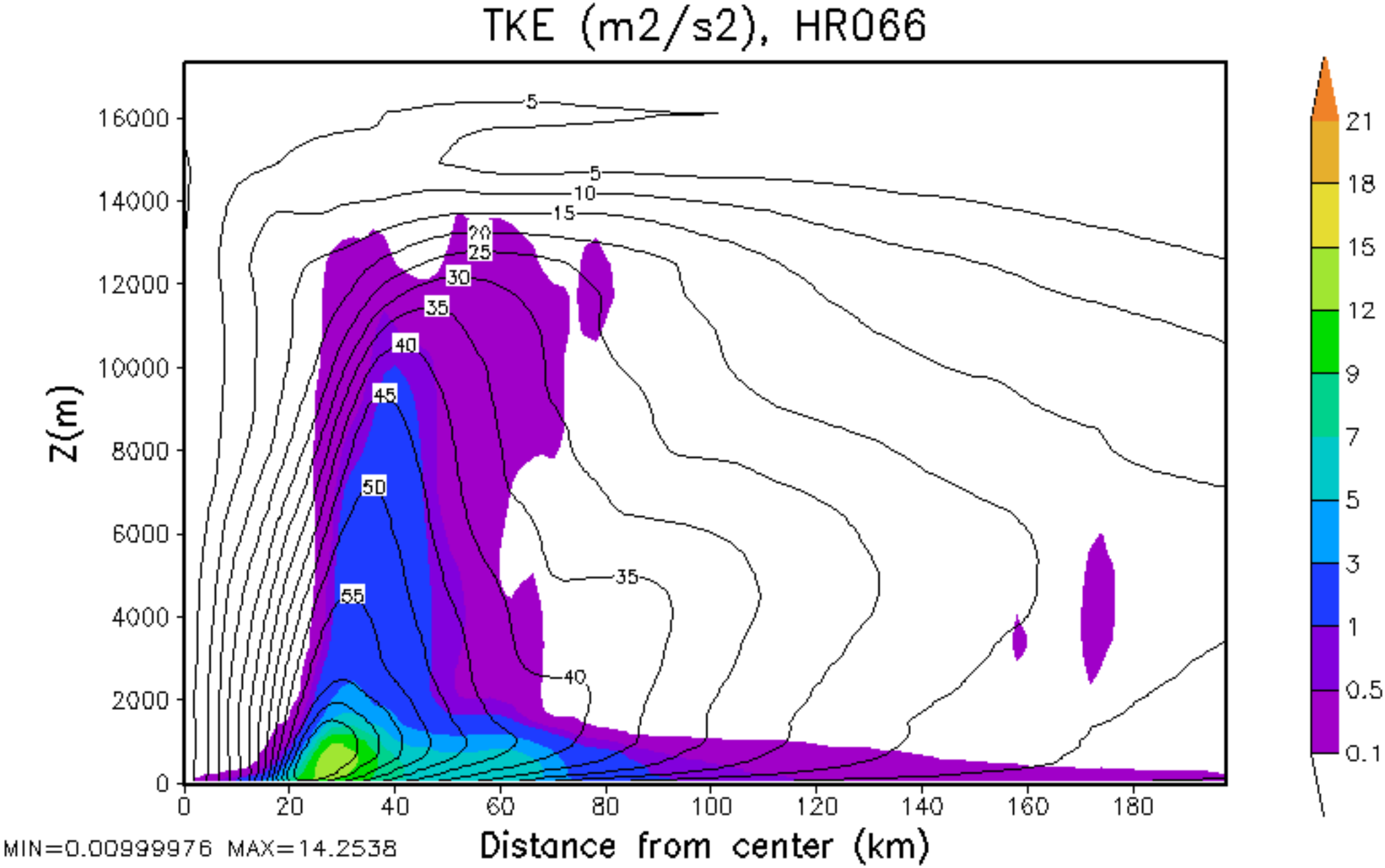
MIN=0.00999973 MAX=10.4364


TKE (m2/s2), HR066
Z(m)
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10000
8000
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4000
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80
100
120
140
160
180
Distance from center (km)
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5
10
15
20
25
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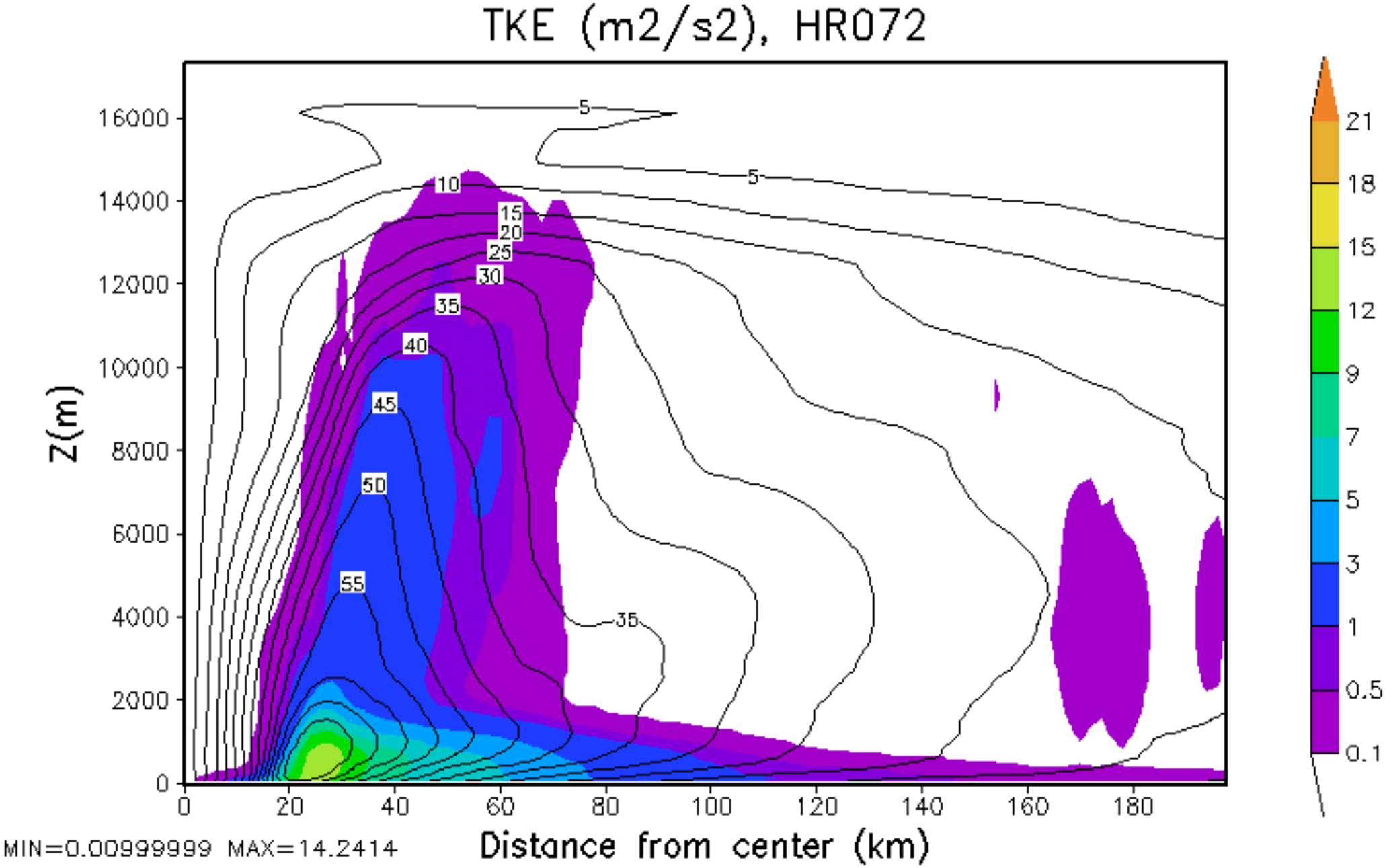
MIN=0.00999976 MAX=14.2538


TKE (m2/s2), HR072
Z(m)
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12000
10000
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4000
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0
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100
120
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160
180
Distance from center (km)
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30
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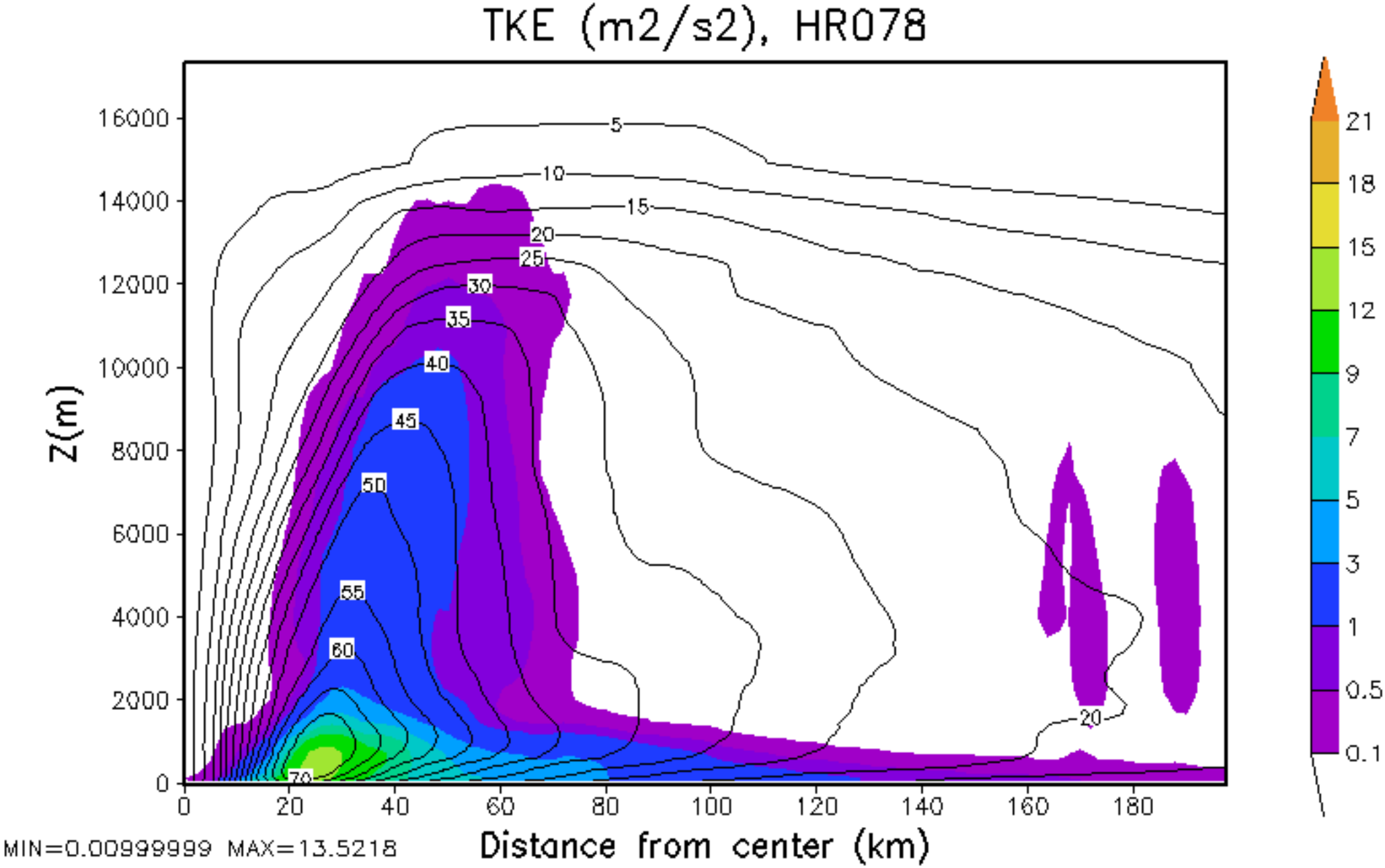
MIN=0.00999999 MAX=14.2414


TKE (m2/s2), HR078
Z(m)
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12000
10000
8000
6000
4000
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100
120
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160
180
Distance from center (km)
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10
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45
50
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0.1
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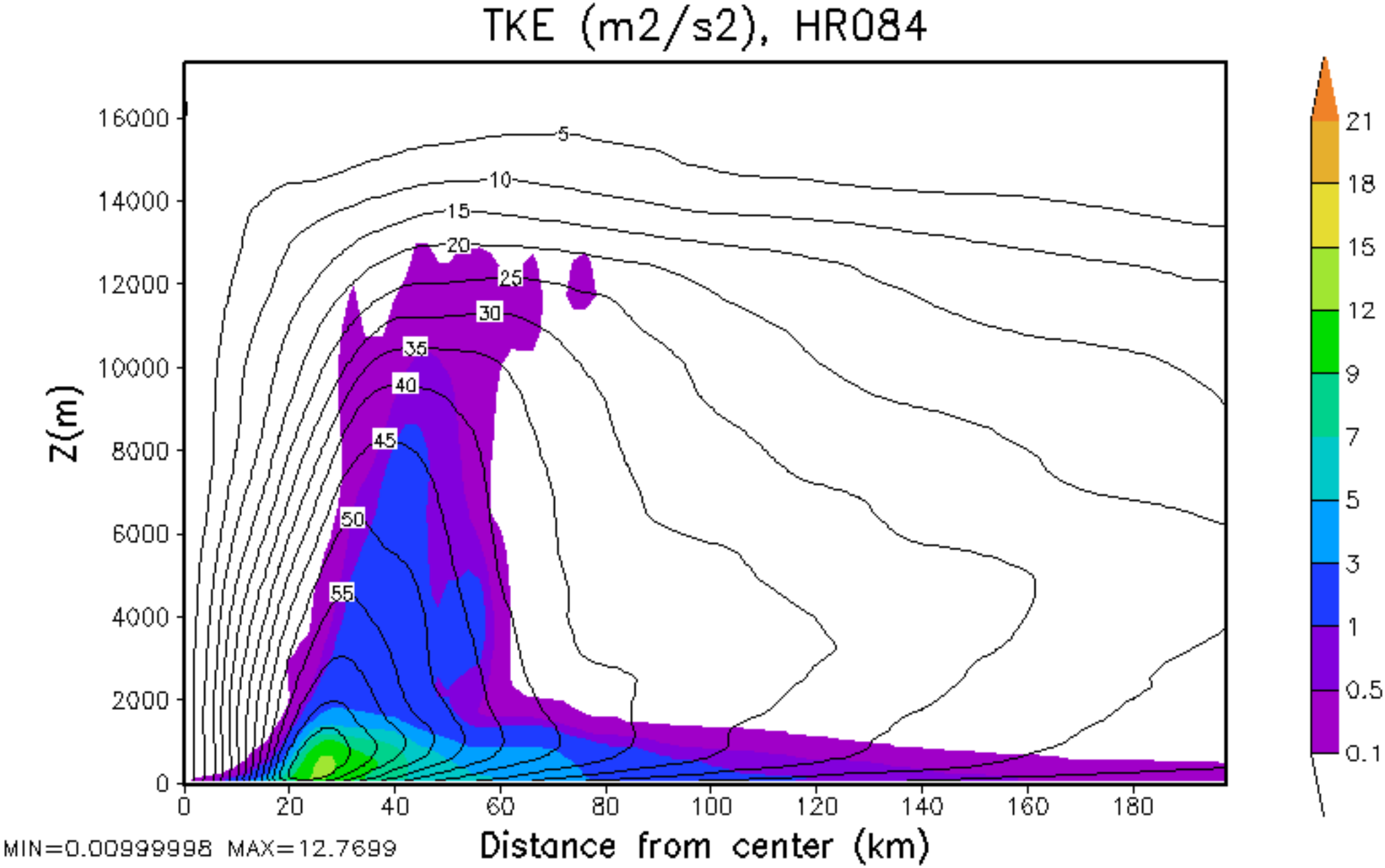
TKE (m2/s2), HR084
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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100
120
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160
180
Distance from center (km)
5
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15
20
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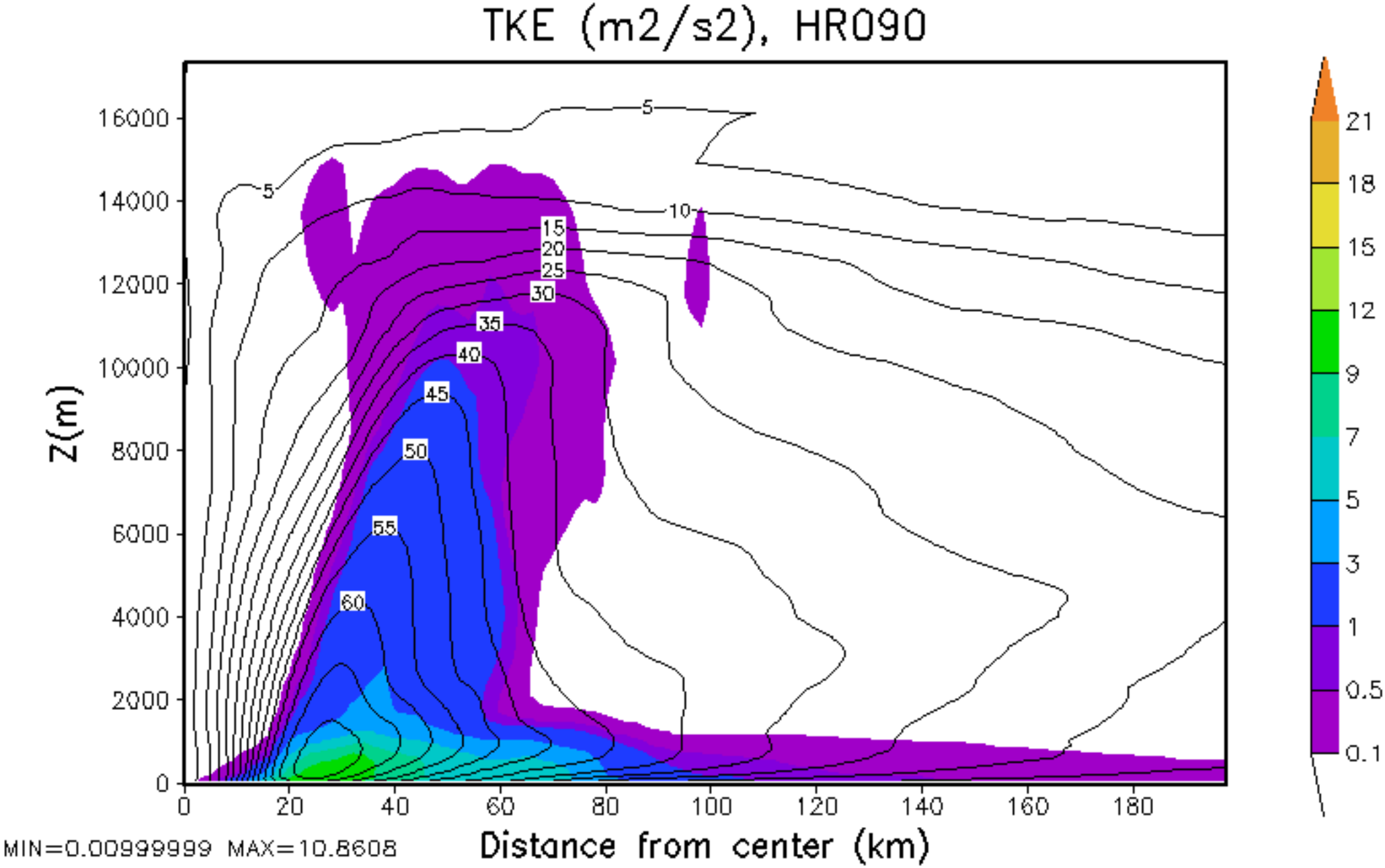
TKE (m2/s2), HR090
Z(m)
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10000
8000
6000
4000
2000
0
0
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40
60
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100
120
140
160
180
Distance from center (km)
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20
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30
35
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0.5
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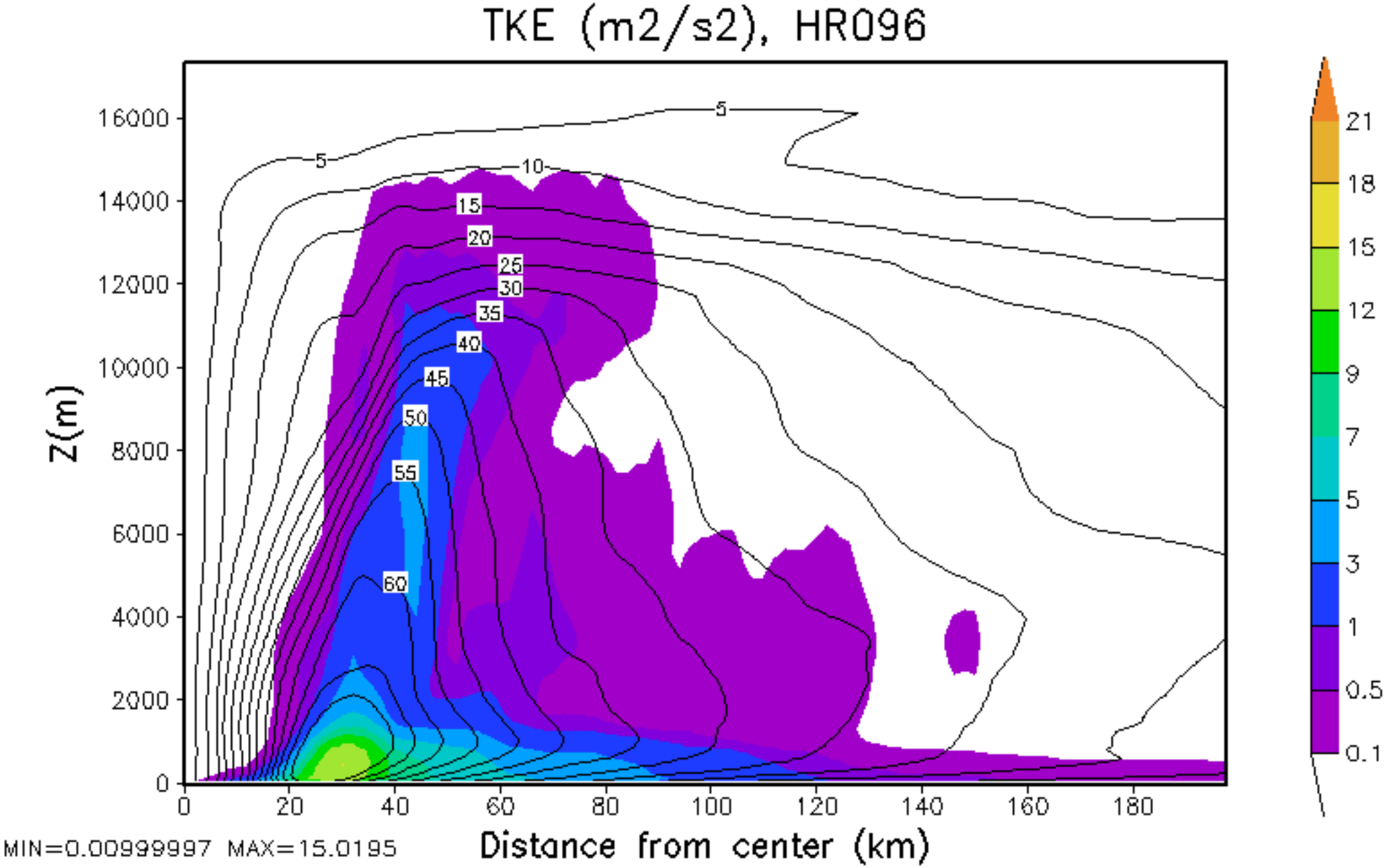
MIN=0.00999999 MAX=10.8608


TKE (m2/s2), HR096
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
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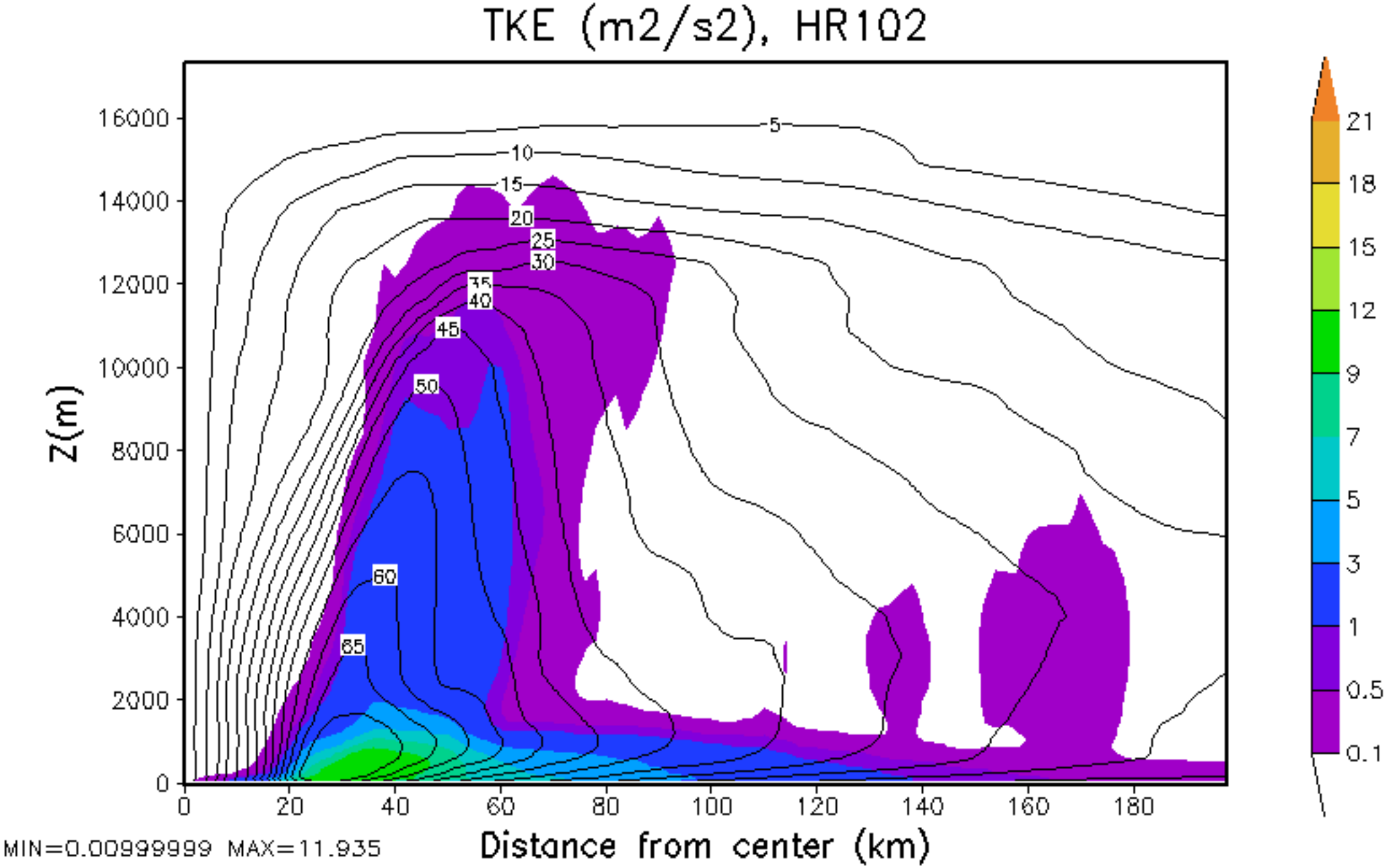
TKE (m2/s2), HR102
Z(m)
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10000
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6000
4000
2000
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80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
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12
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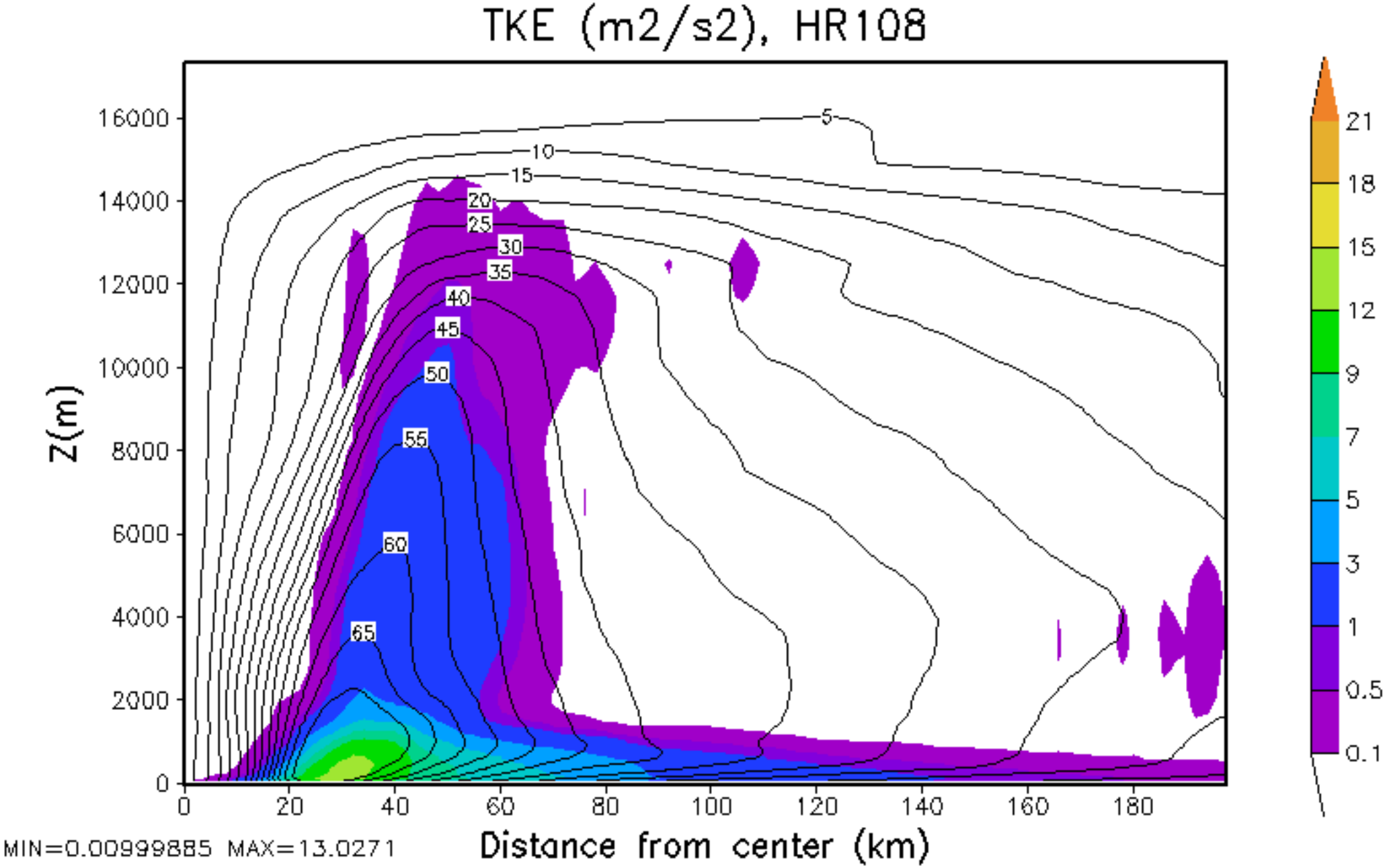
0.5
0.1
MIN=0.00999999 MAX=11.935


TKE (m2/s2), HR108
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
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12
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7
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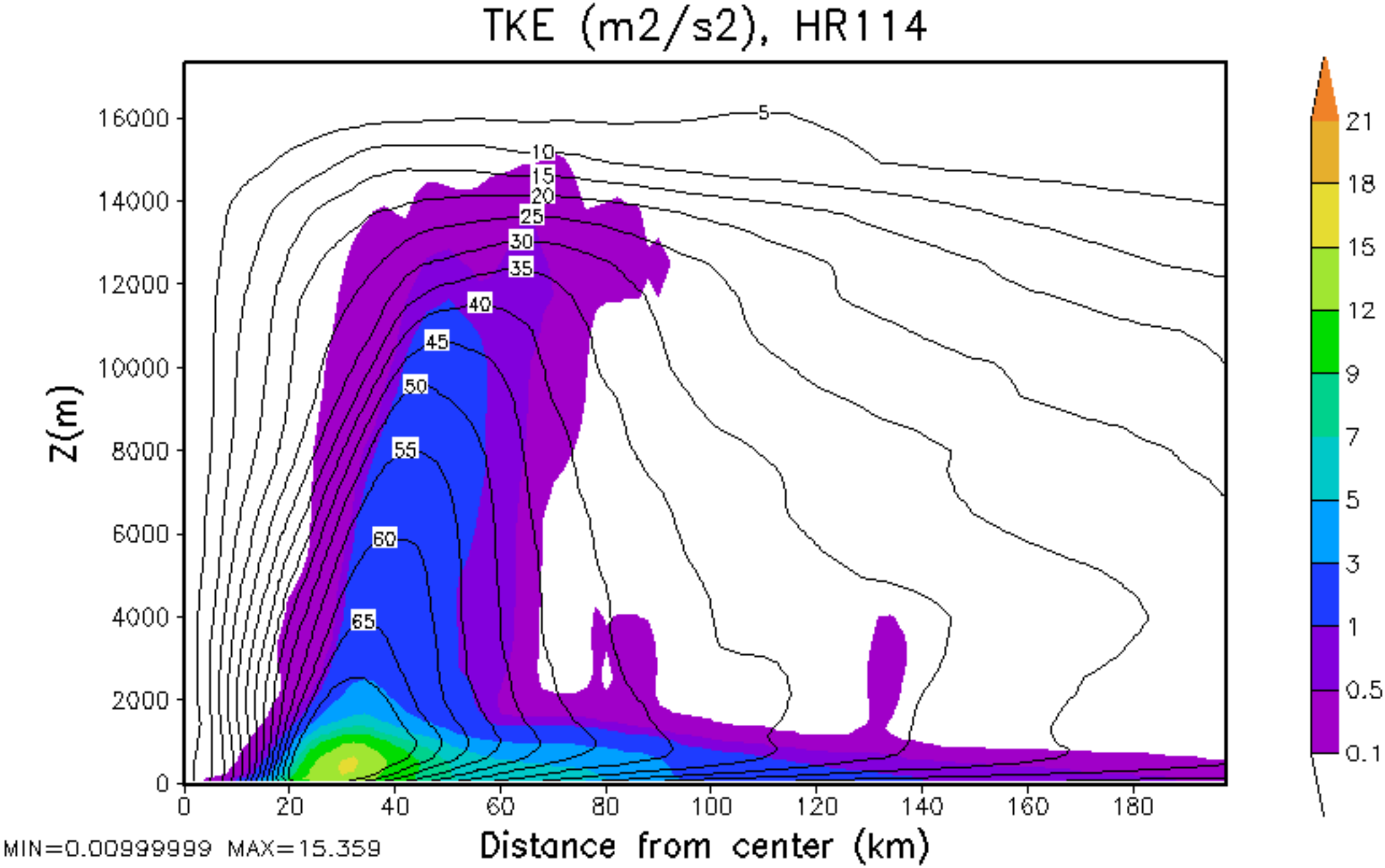
0.1
MIN=0.00999885 MAX=13.0271


TKE (m2/s2), HR114
Z(m)
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14000
12000
10000
8000
6000
4000
2000
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0
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80
100
120
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160
180
Distance from center (km)
5
10
15
20
25
30
35
40
45
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12
9
7
5
3
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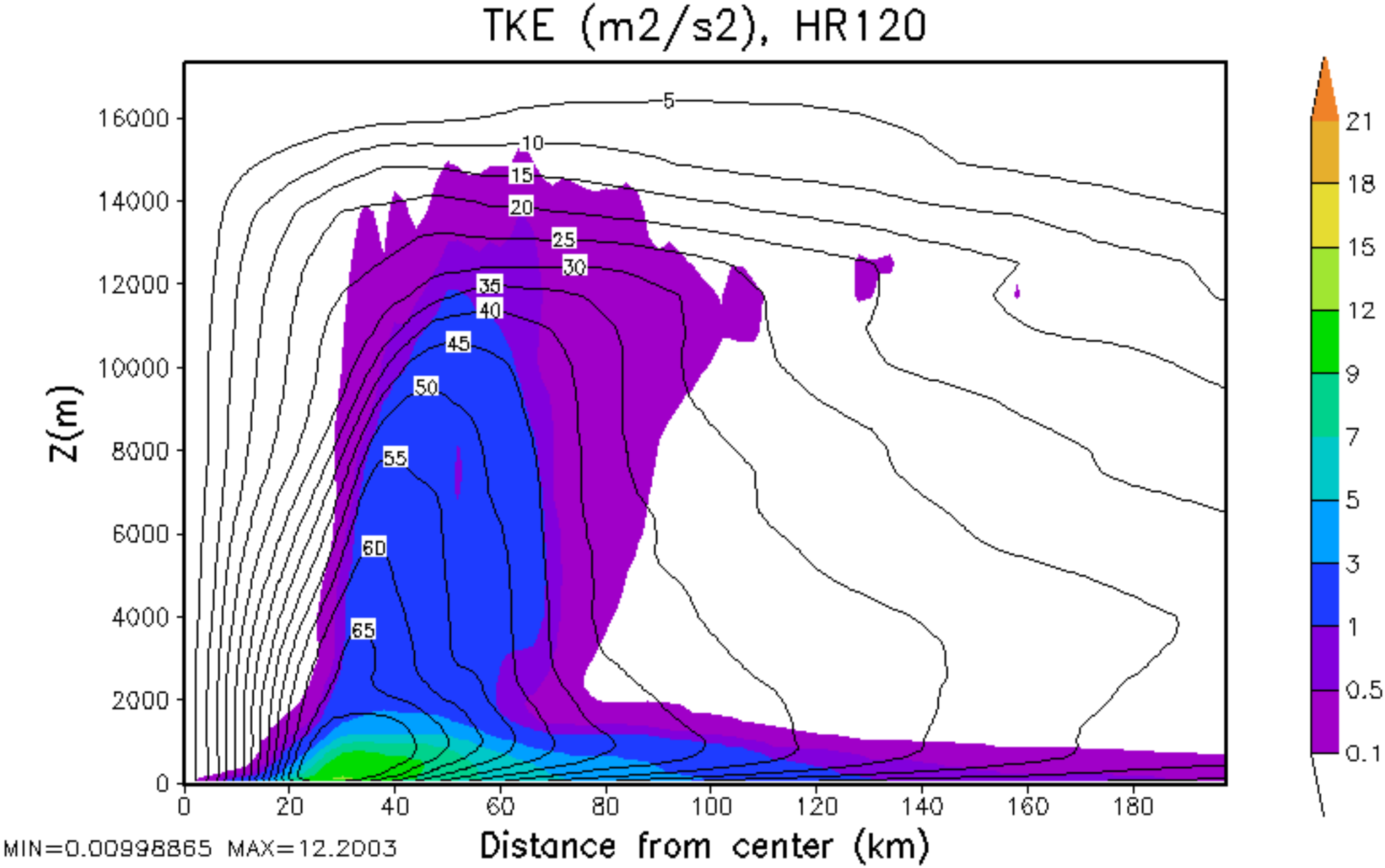
0.5
0.1
MIN=0.00999999 MAX=15.359


TKE (m2/s2), HR120
Z(m)
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12000
10000
8000
6000
4000
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120
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180
Distance from center (km)
5
10
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25
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12
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7
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0.1
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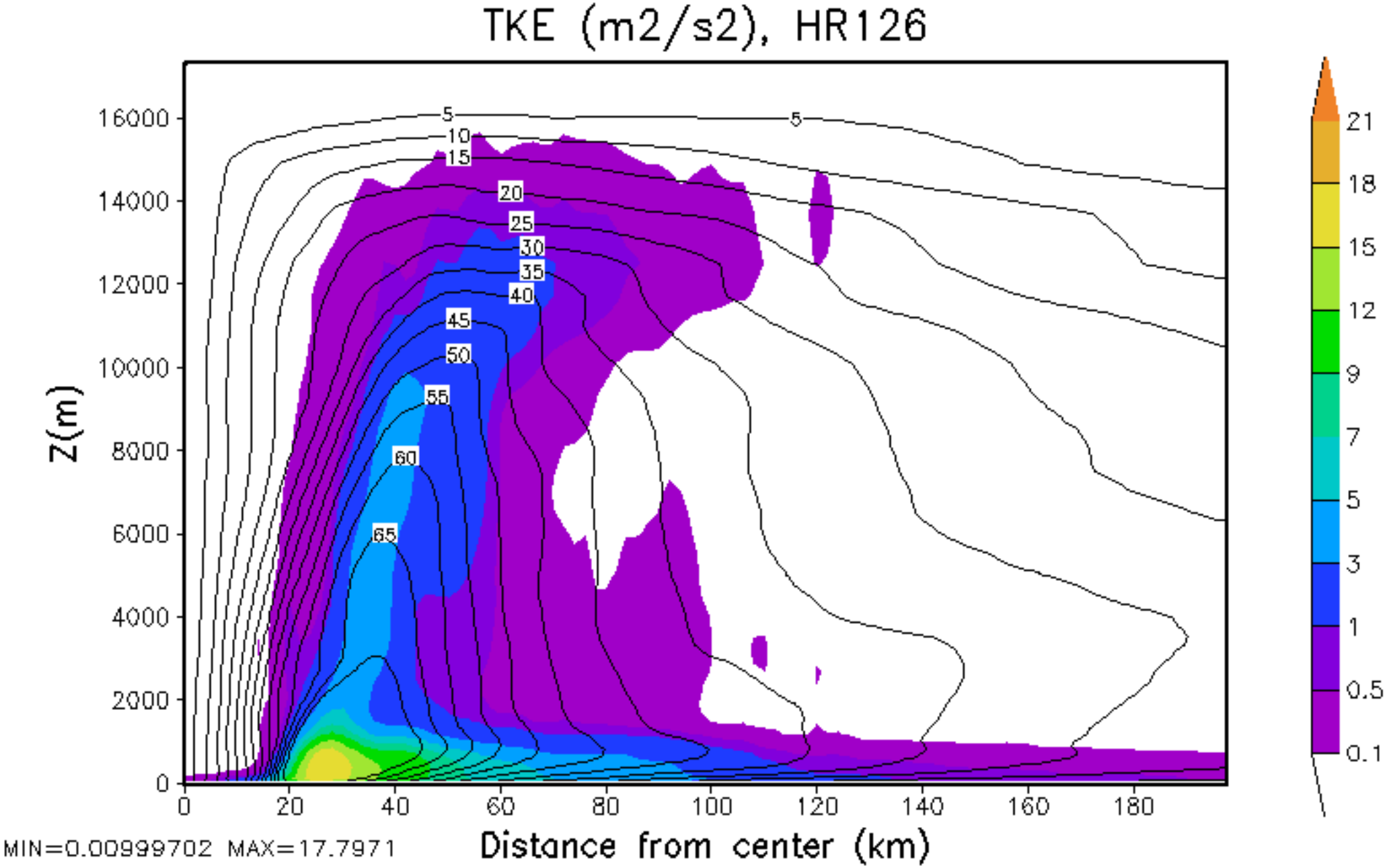
TKE (m2/s2), HR126
Z(m)
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14000
12000
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Distance from center (km)
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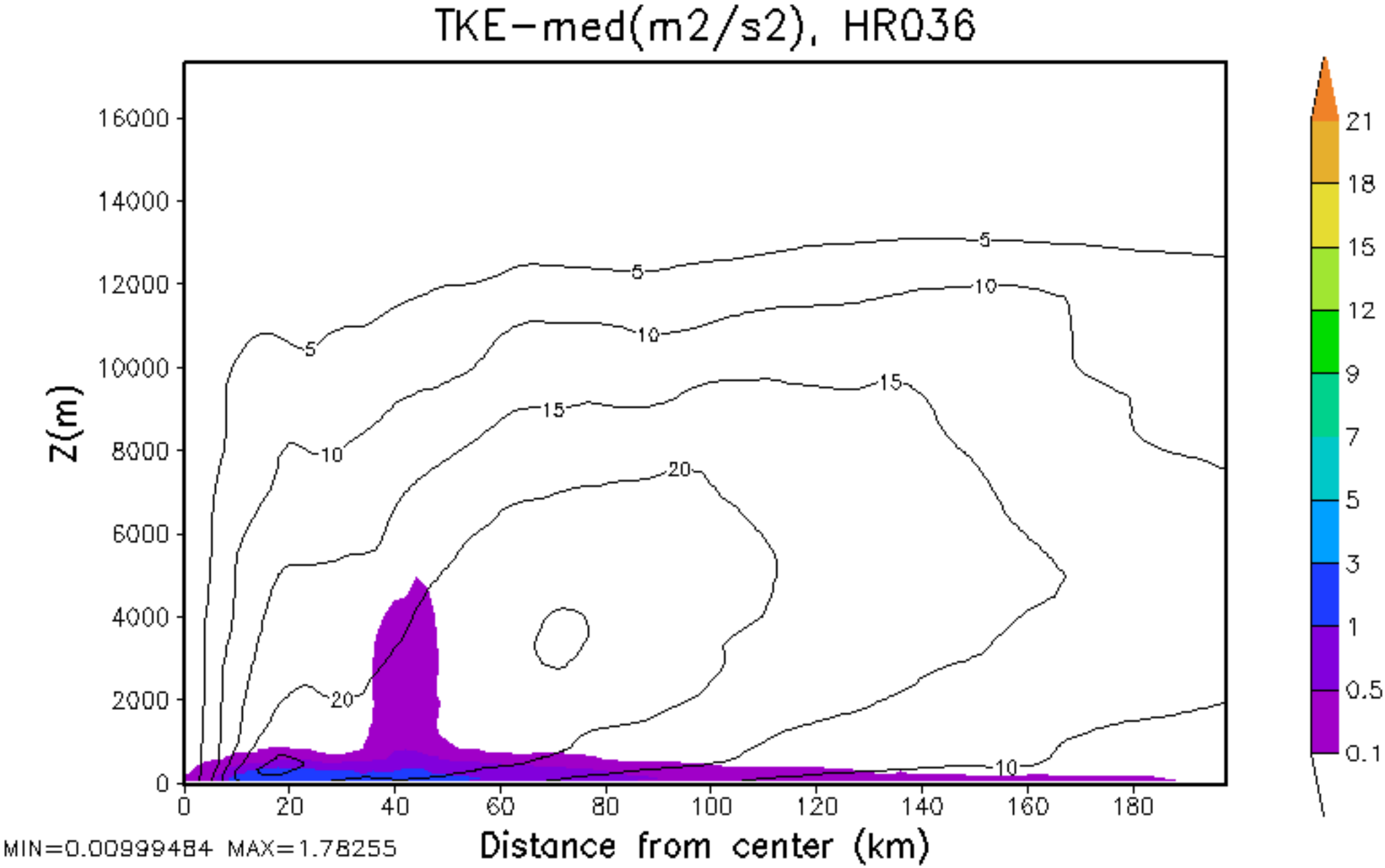
TKE-med(m2/s2), HR036
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Distance from center (km)
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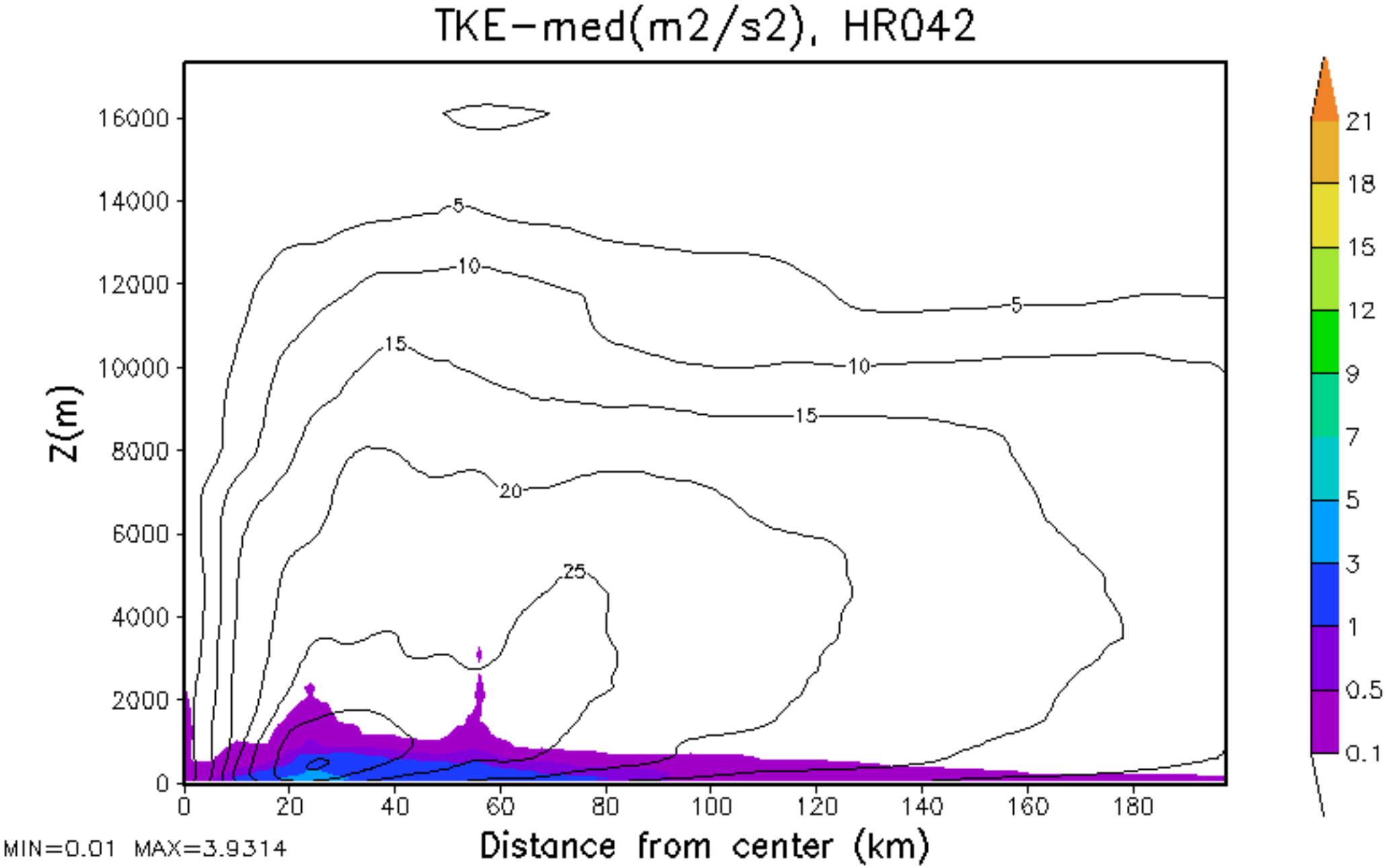
TKE-med(m2/s2), HR042
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180
Distance from center (km)
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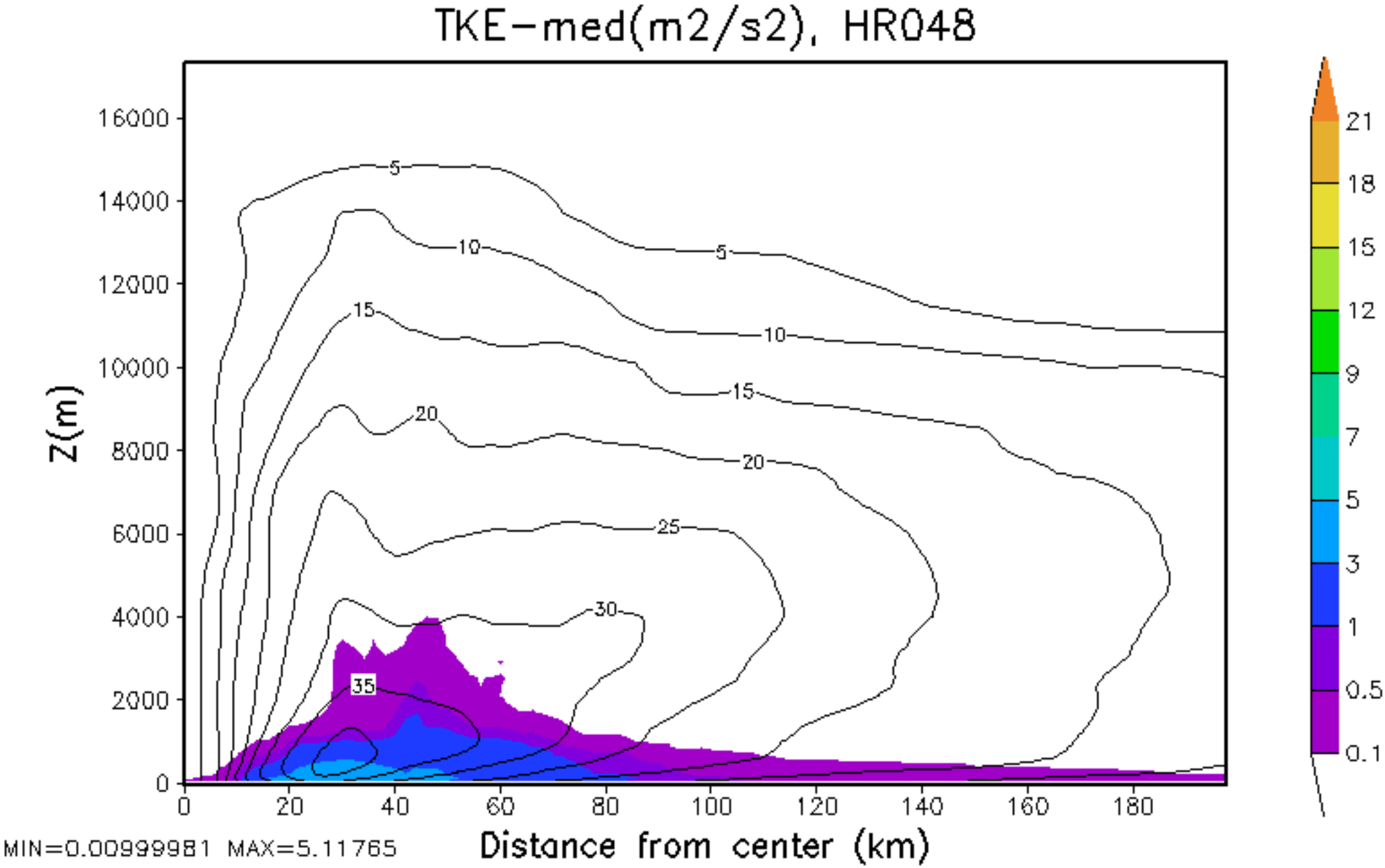
TKE-med(m2/s2), HR048
Z(m)
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120
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180
Distance from center (km)
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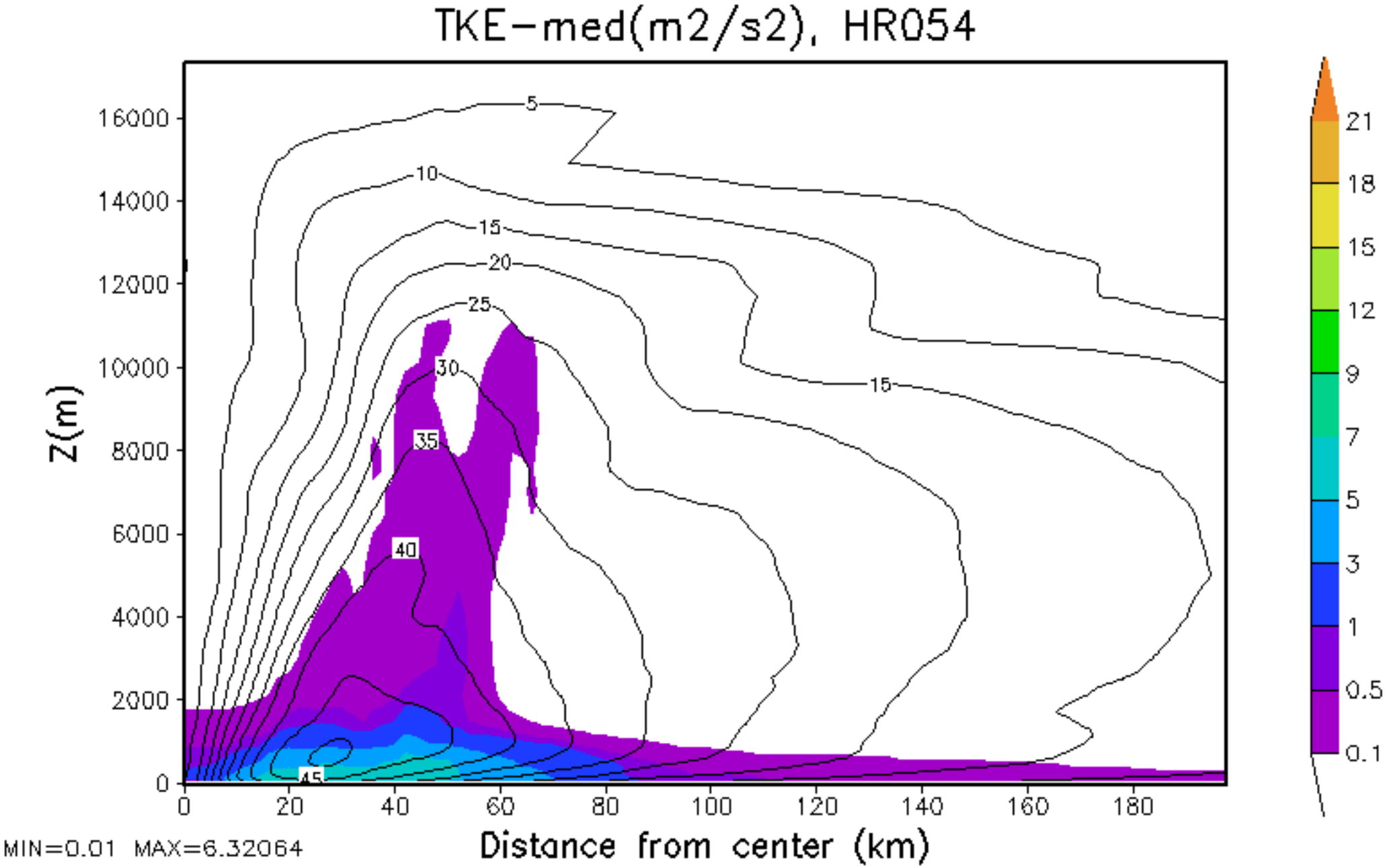
TKE-med(m2/s2), HR054
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180
Distance from center (km)
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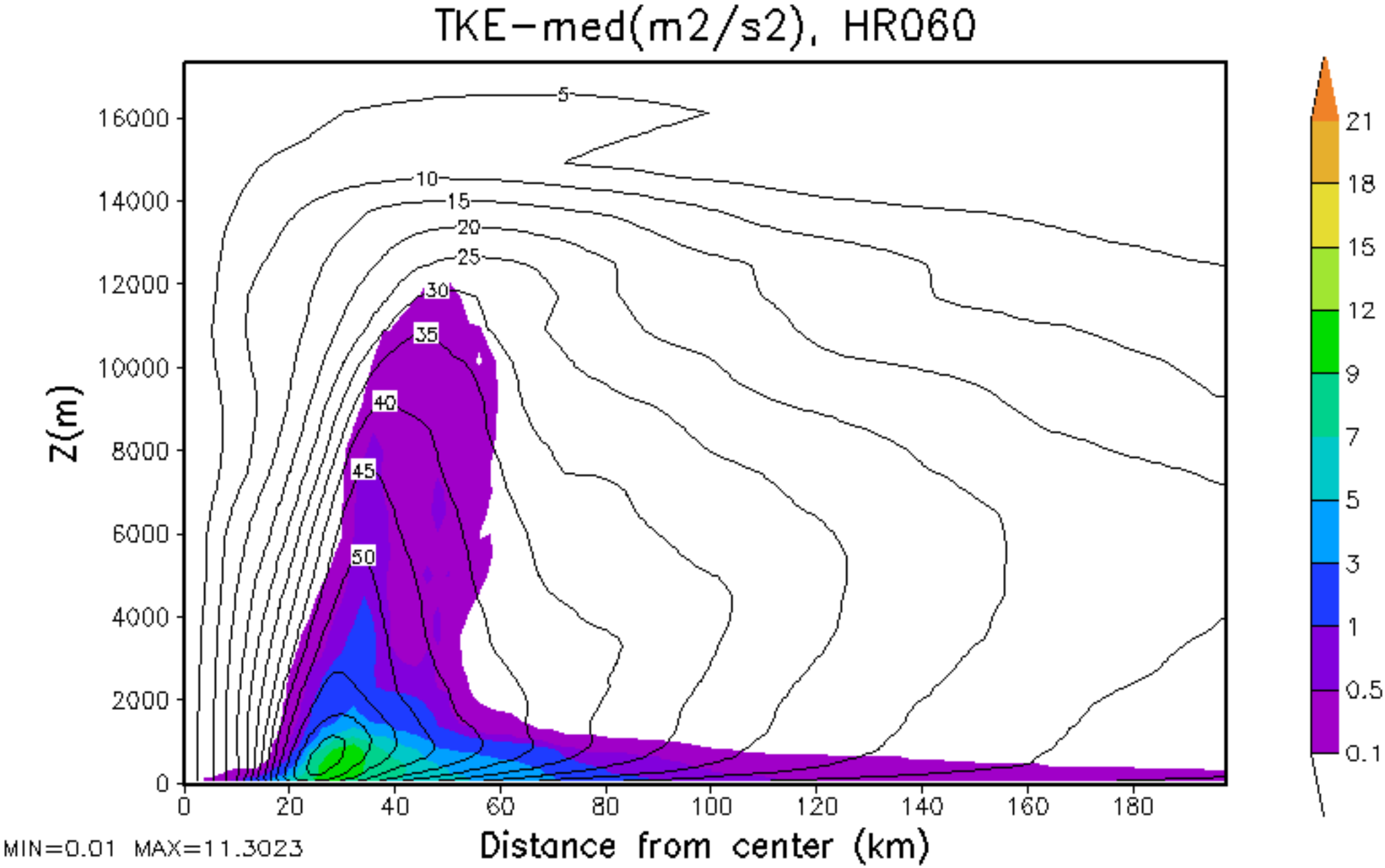
TKE-med(m2/s2), HR060
Z(m)
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180
Distance from center (km)
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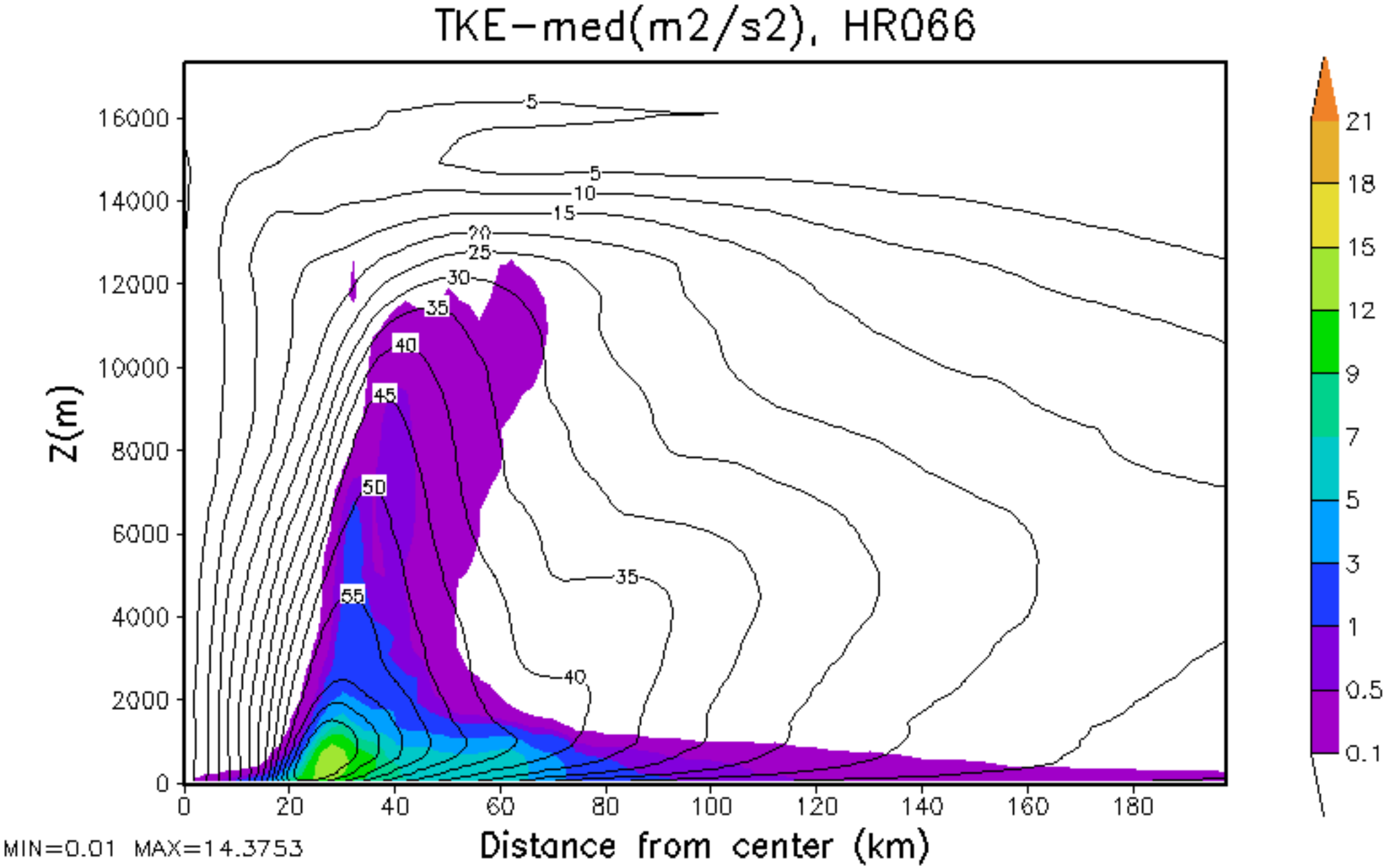
TKE-med(m2/s2), HR066
Z(m)
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40
60
80
100
120
140
160
180
Distance from center (km)
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10
15
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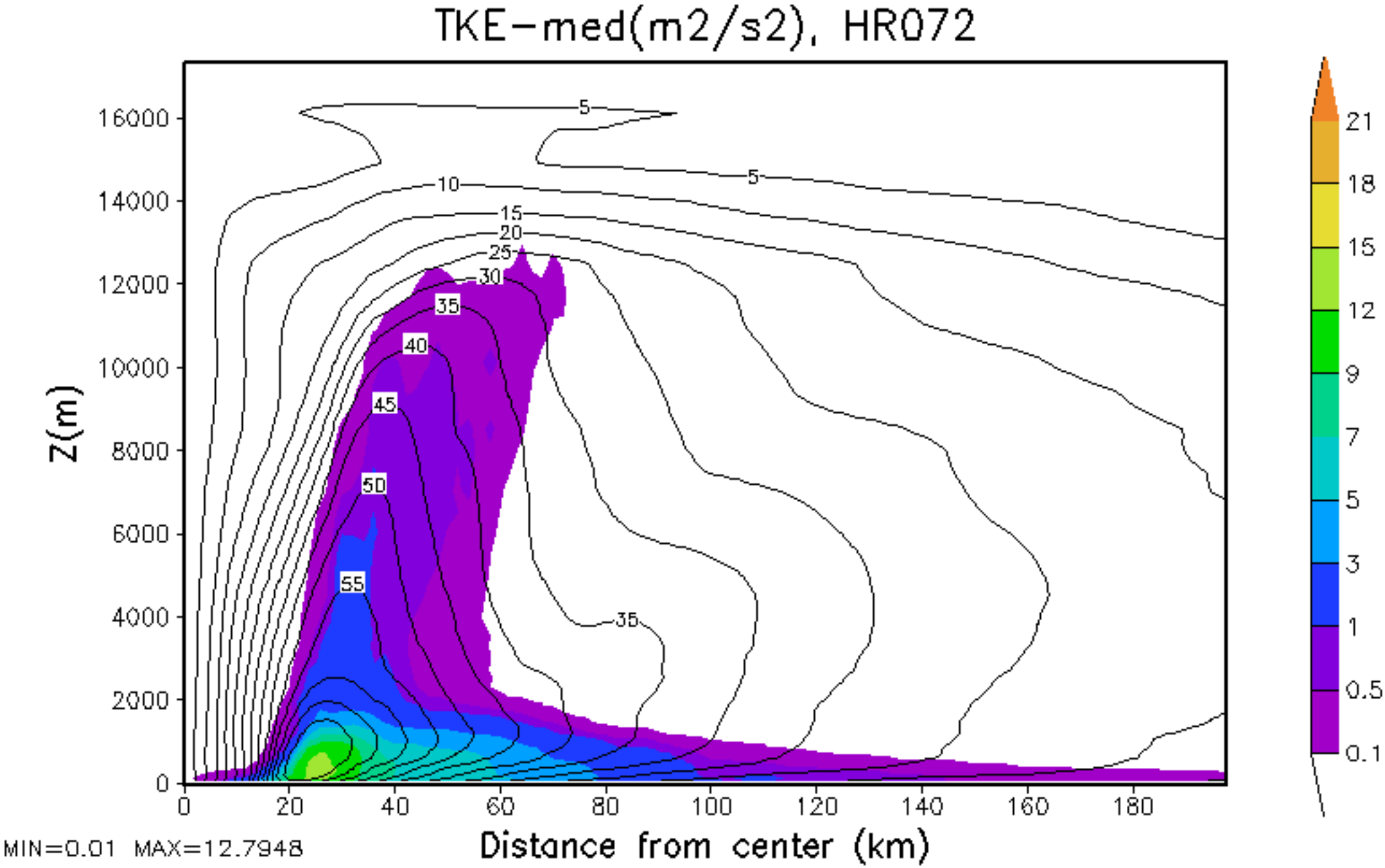
TKE-med(m2/s2), HR072
Z(m)
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40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
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25
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35
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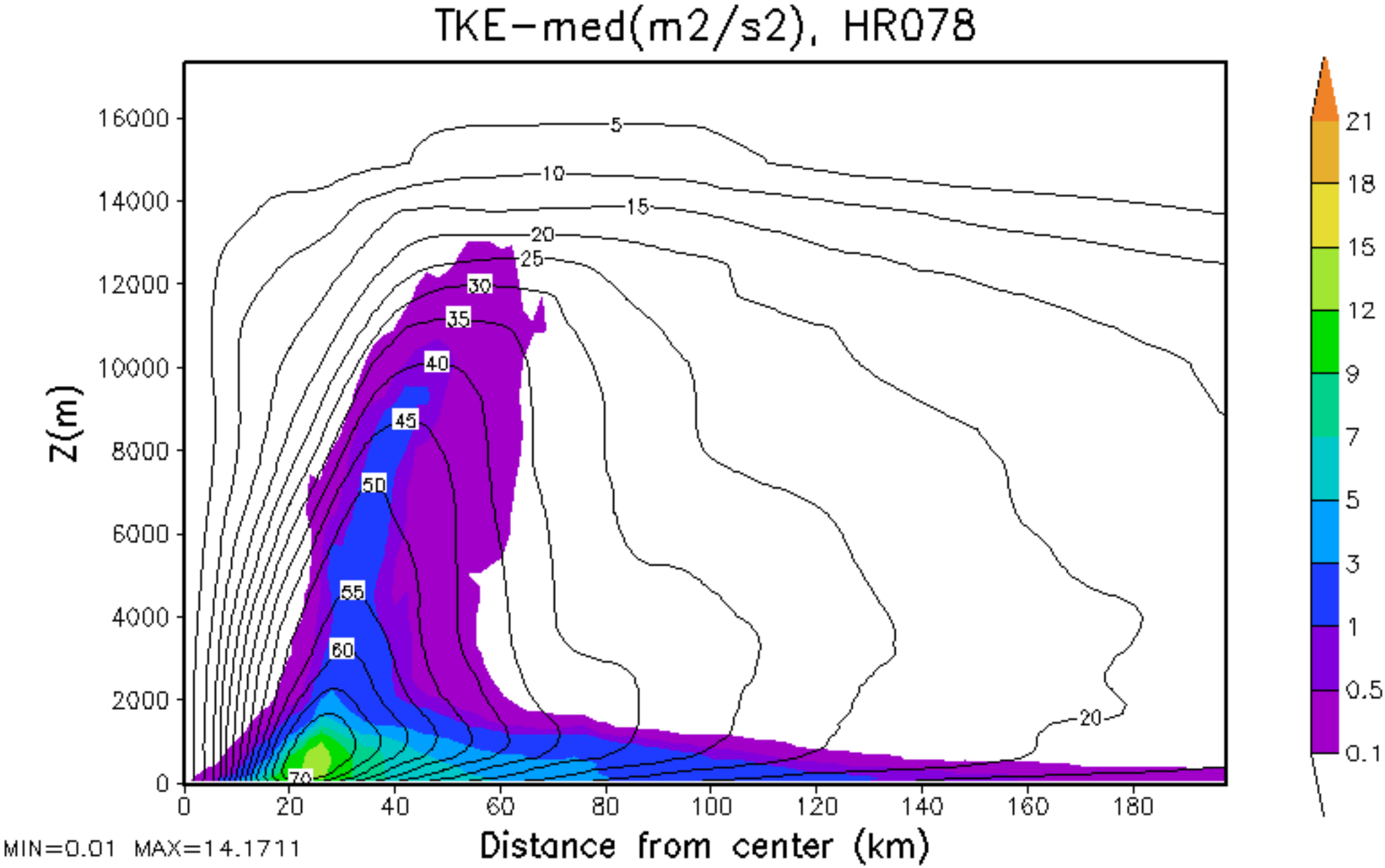
MIN=0.01 MAX=12.7948


TKE-med(m2/s2), HR078
Z(m)
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60
80
100
120
140
160
180
Distance from center (km)
5
10
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20
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30
35
40
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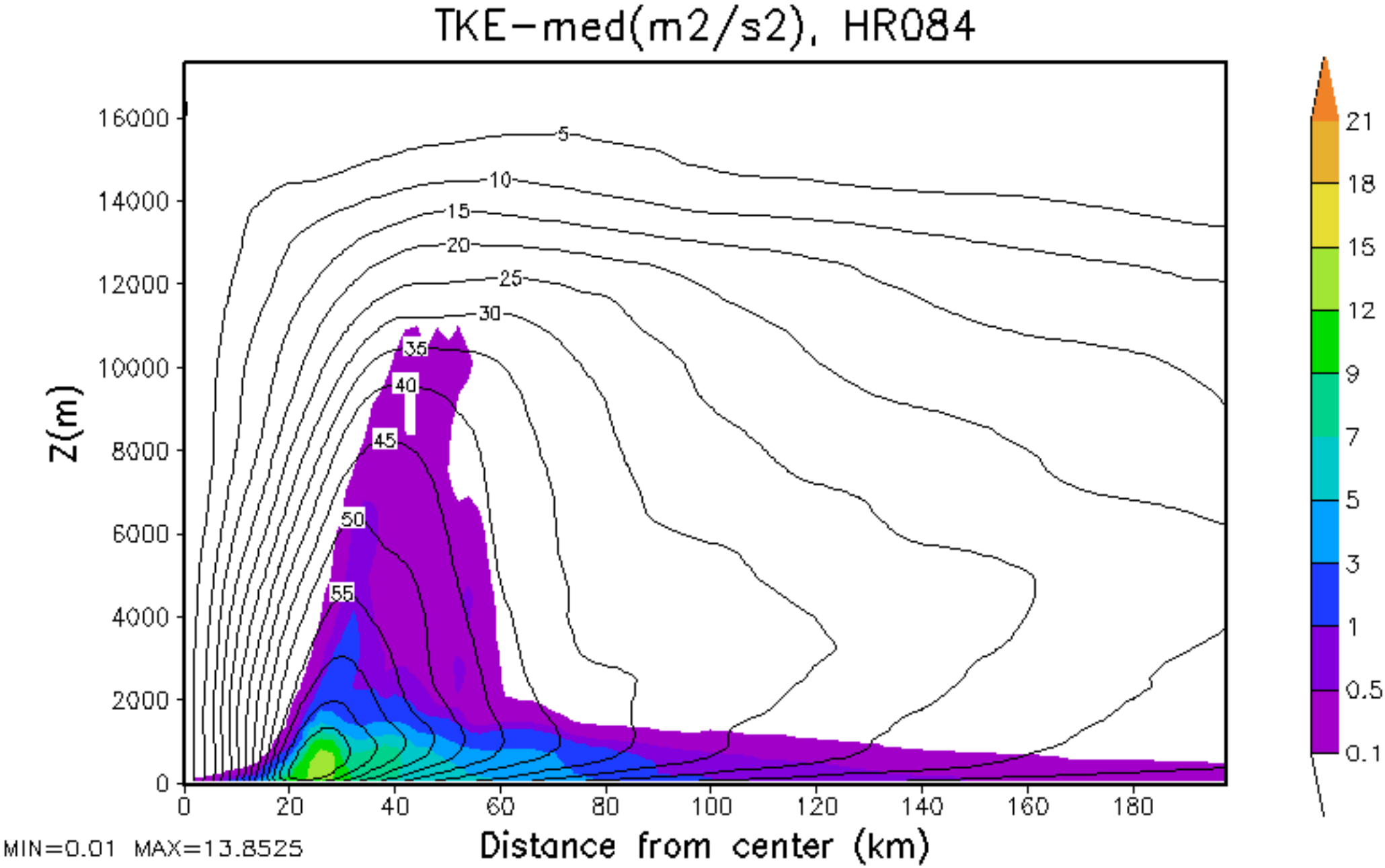
TKE-med(m2/s2), HR084
Z(m)
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10000
8000
6000
4000
2000
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40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
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0.1
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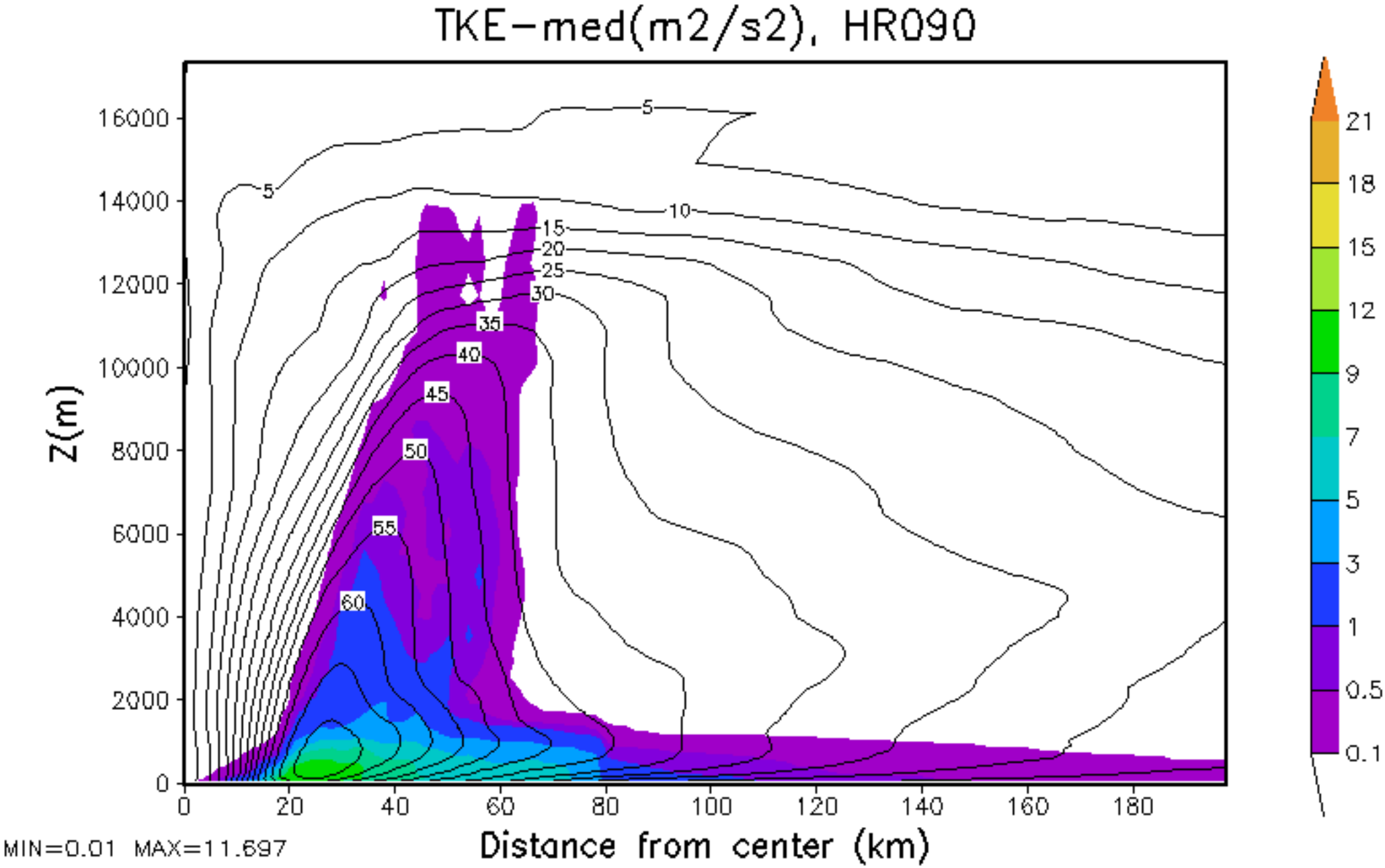
TKE-med(m2/s2), HR090
Z(m)
Distance from center (km)
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6000
8000
10000
12000
14000
16000
0
20
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60
80
100
120
140
160
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10
15
20
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21
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15
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9
7
5
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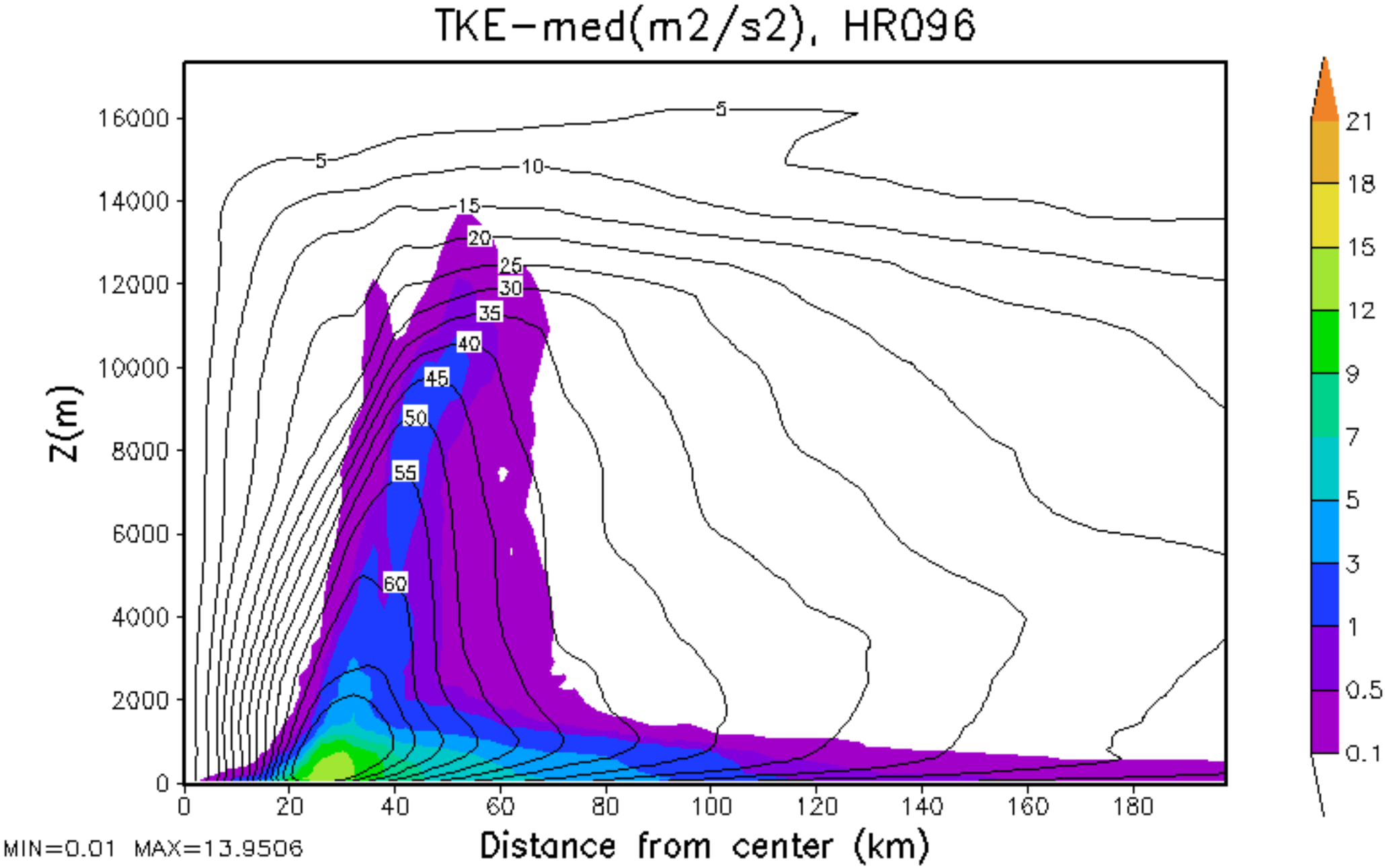
0.5
0.1


TKE-med(m2/s2), HR096
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
5
10
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20
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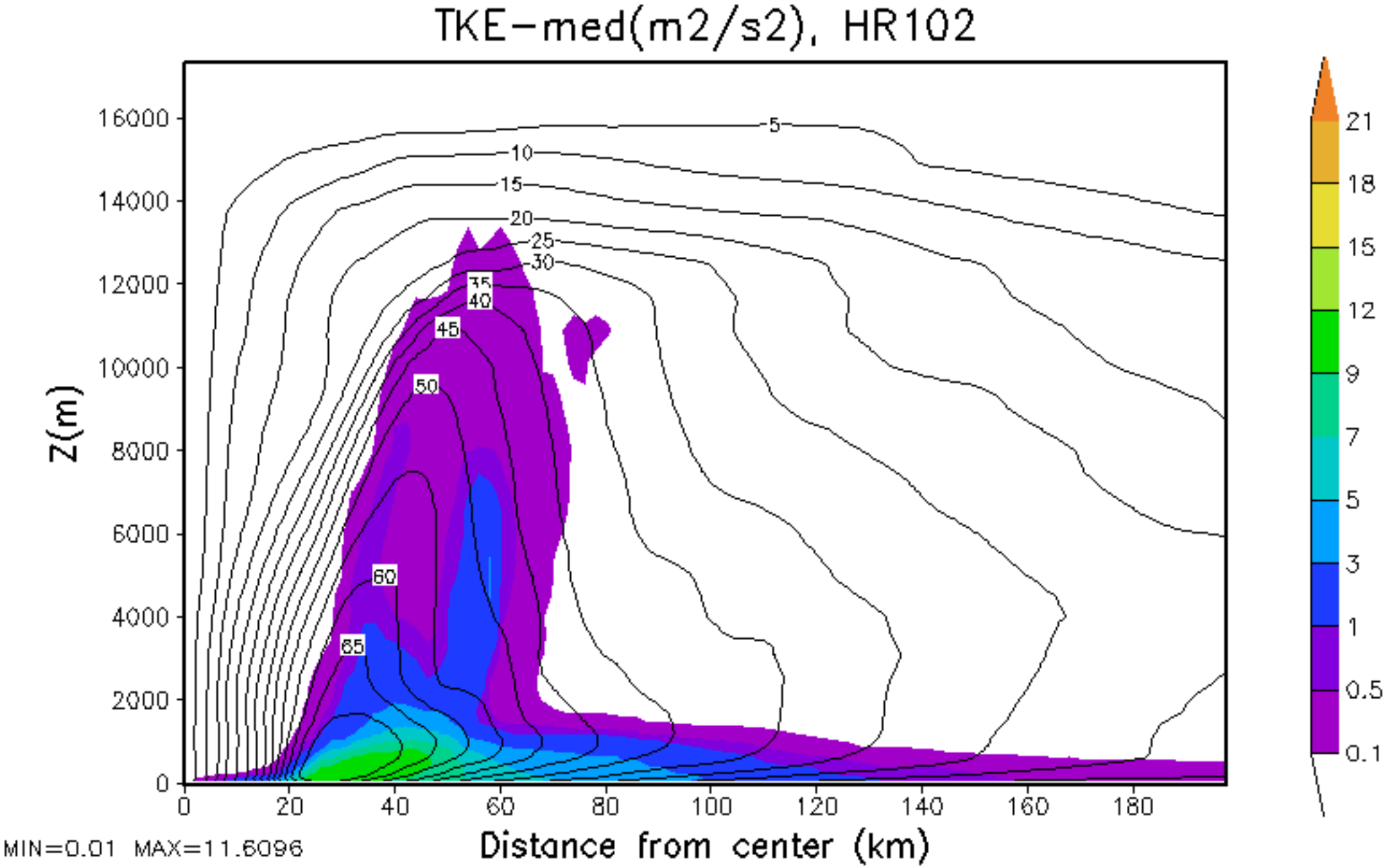
TKE-med(m2/s2), HR102
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12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
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30
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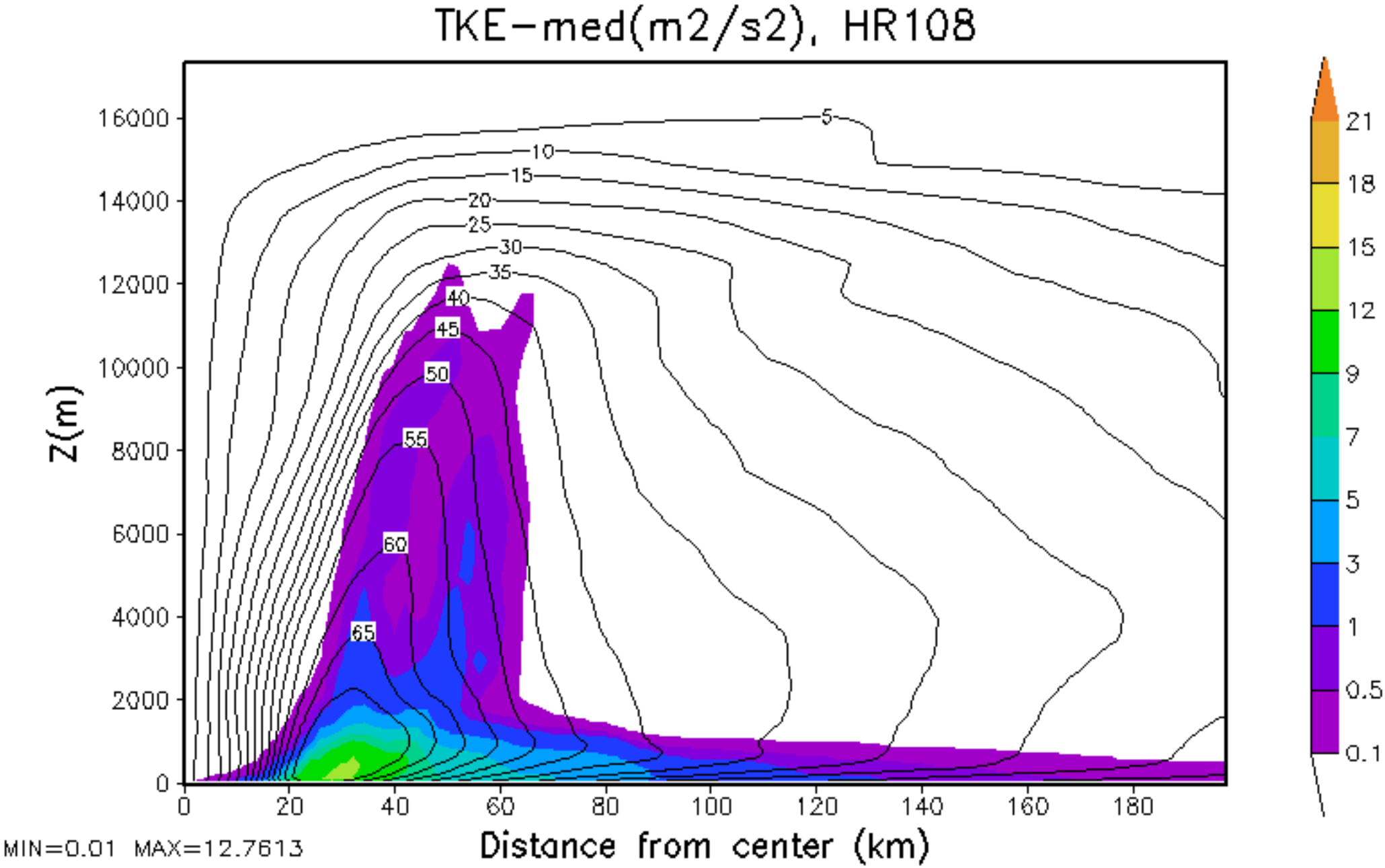
MIN=0.01 MAX=11.6096


TKE-med(m2/s2), HR108
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10000
8000
6000
4000
2000
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60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
45
50
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21
18
15
12
9
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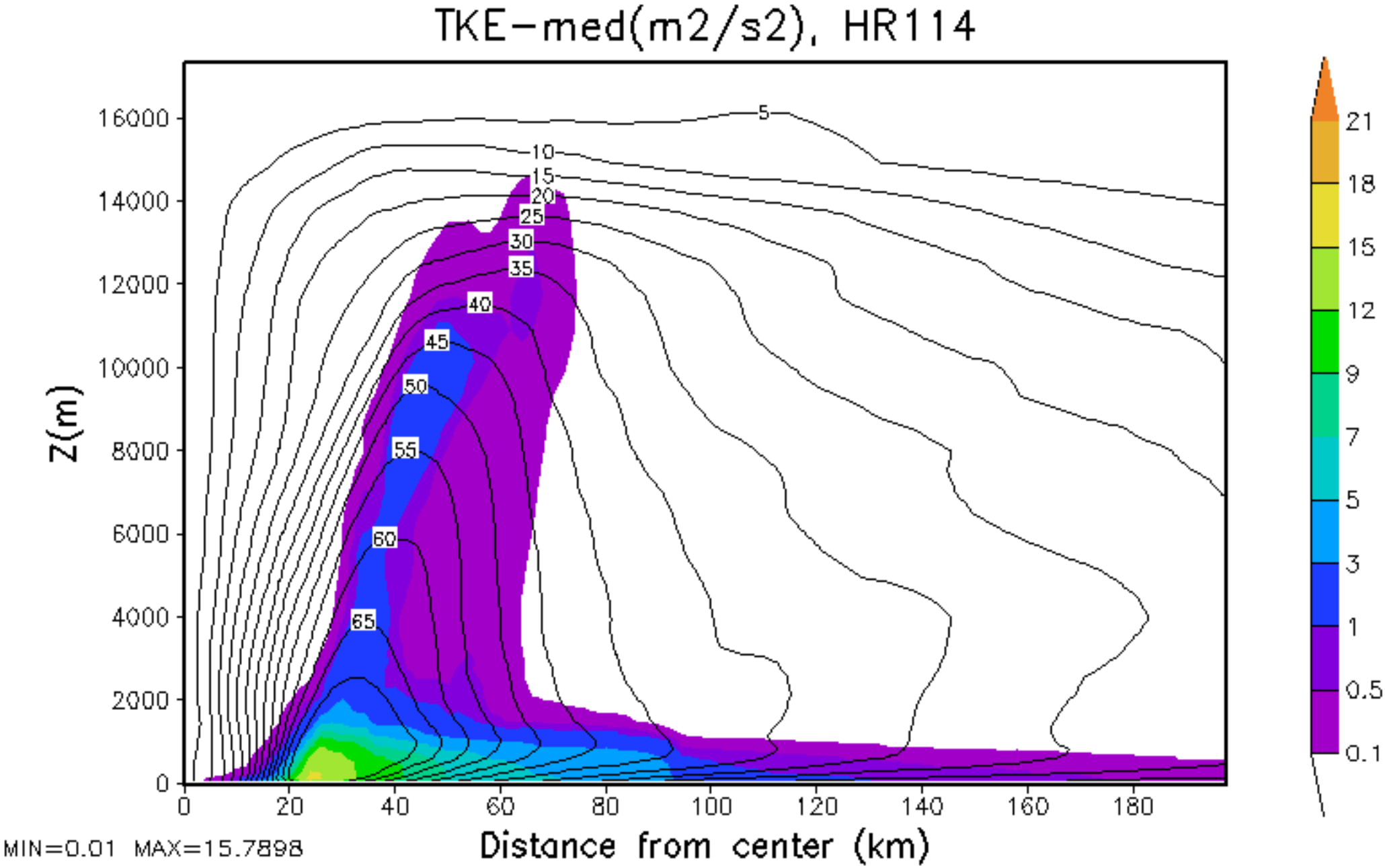
0.1
MIN=0.01 MAX=12.7613


TKE-med(m2/s2), HR114
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
45
50
55
60
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21
18
15
12
9
7
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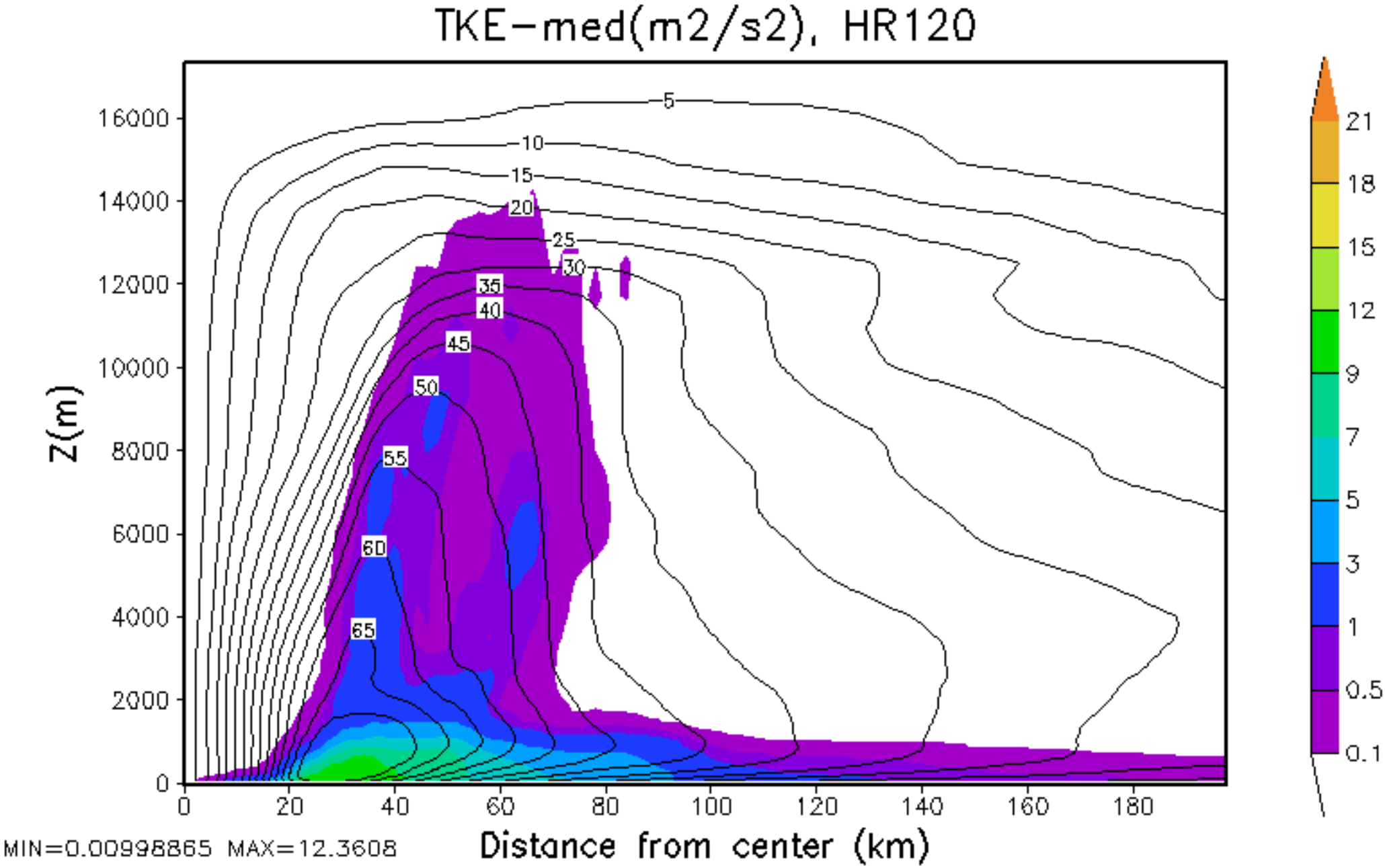
1
0.5
0.1
MIN=0.01 MAX=15.7898


TKE-med(m2/s2), HR120
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
45
50
55
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18
15
12
9
7
5
3
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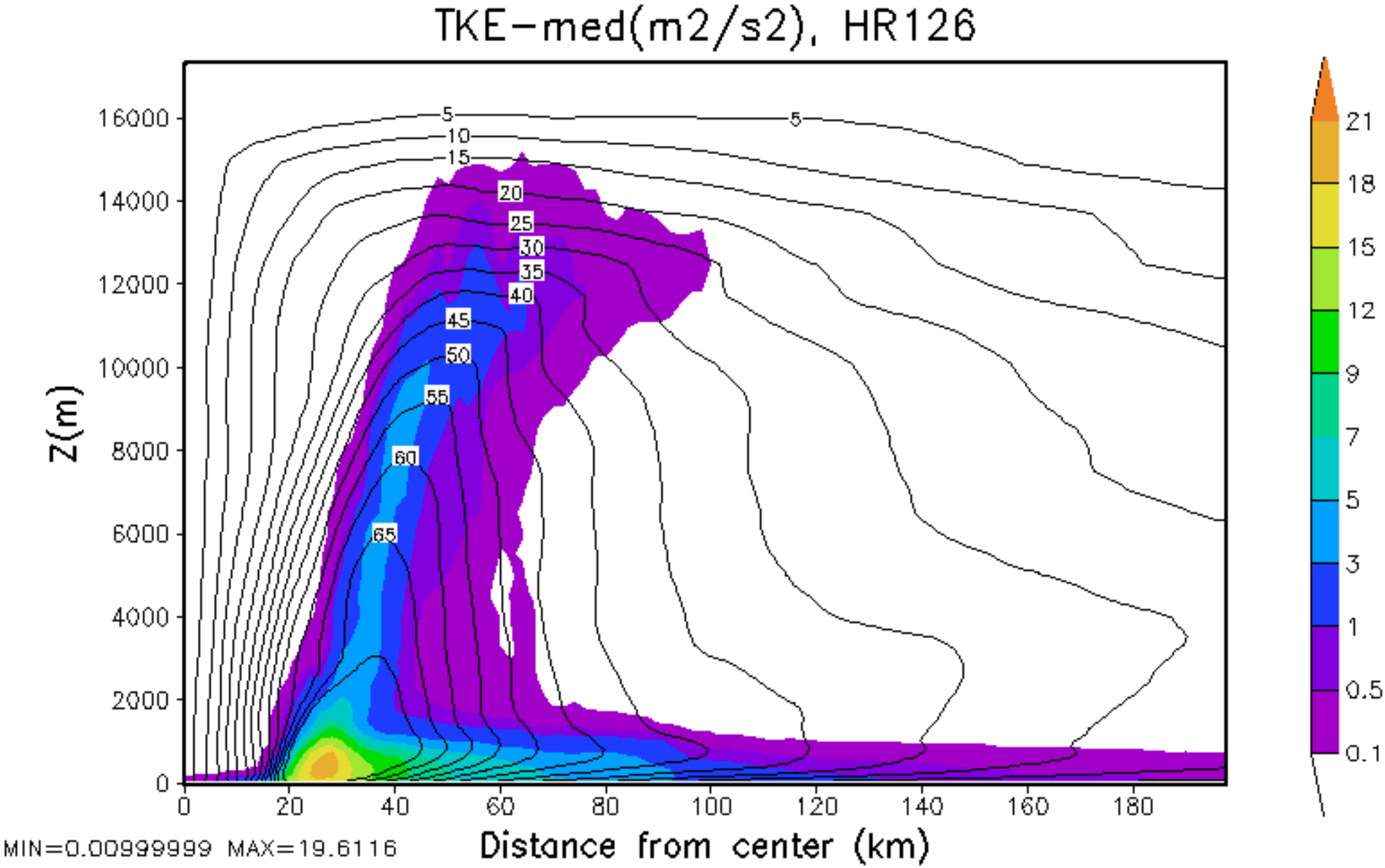
0.5
0.1
MIN=0.00998865 MAX=12.3608


TKE-med(m2/s2), HR126
Z(m)
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10000
8000
6000
4000
2000
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80
100
120
140
160
180
Distance from center (km)
5
10
15
20
25
30
35
40
45
50
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65
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12
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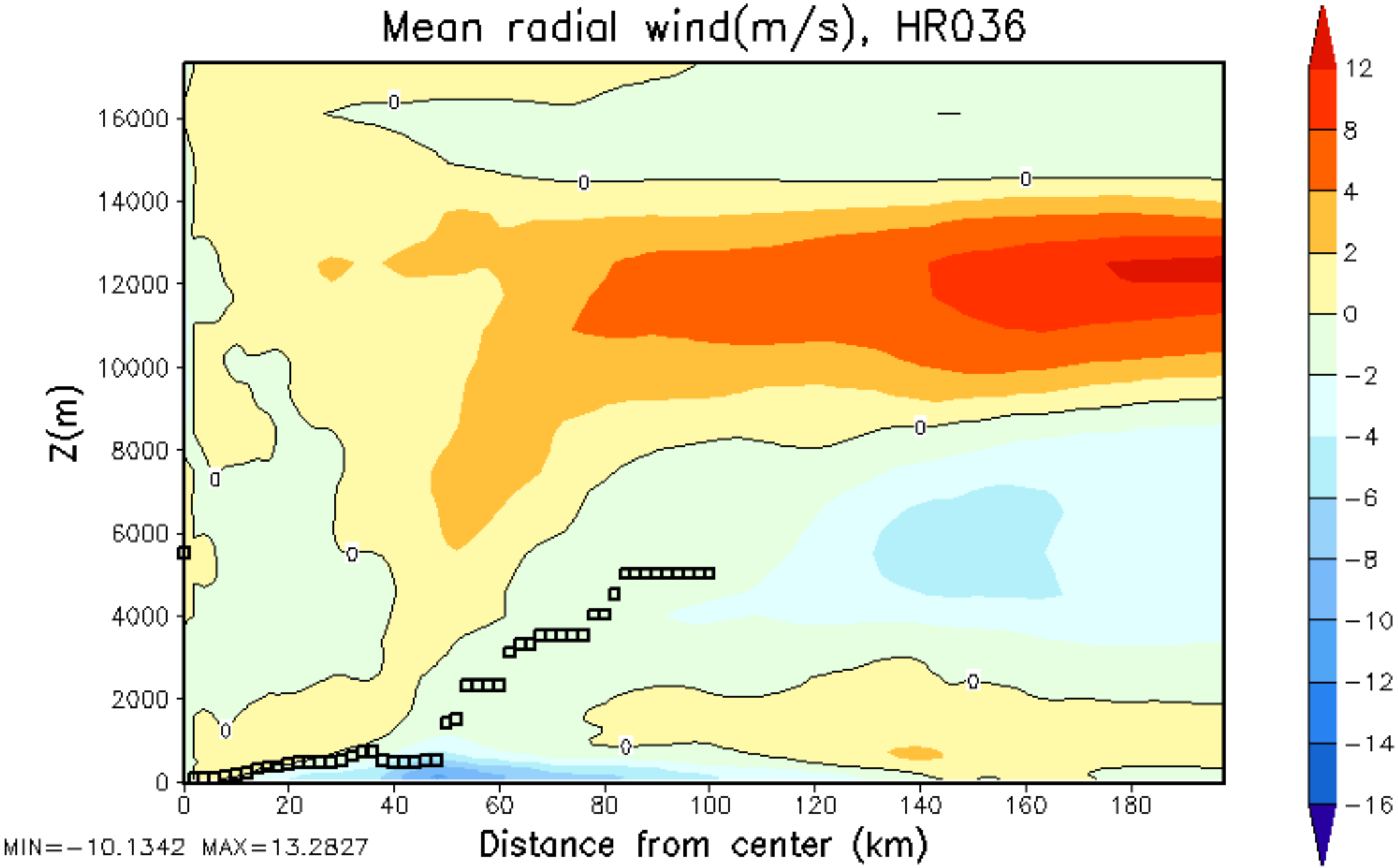
0.1
MIN=0.00999999 MAX=19.6116


Mean radial wind(m/s), HR036
Z(m)
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12000
10000
8000
6000
4000
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0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-10.1342 MAX=13.2827
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8
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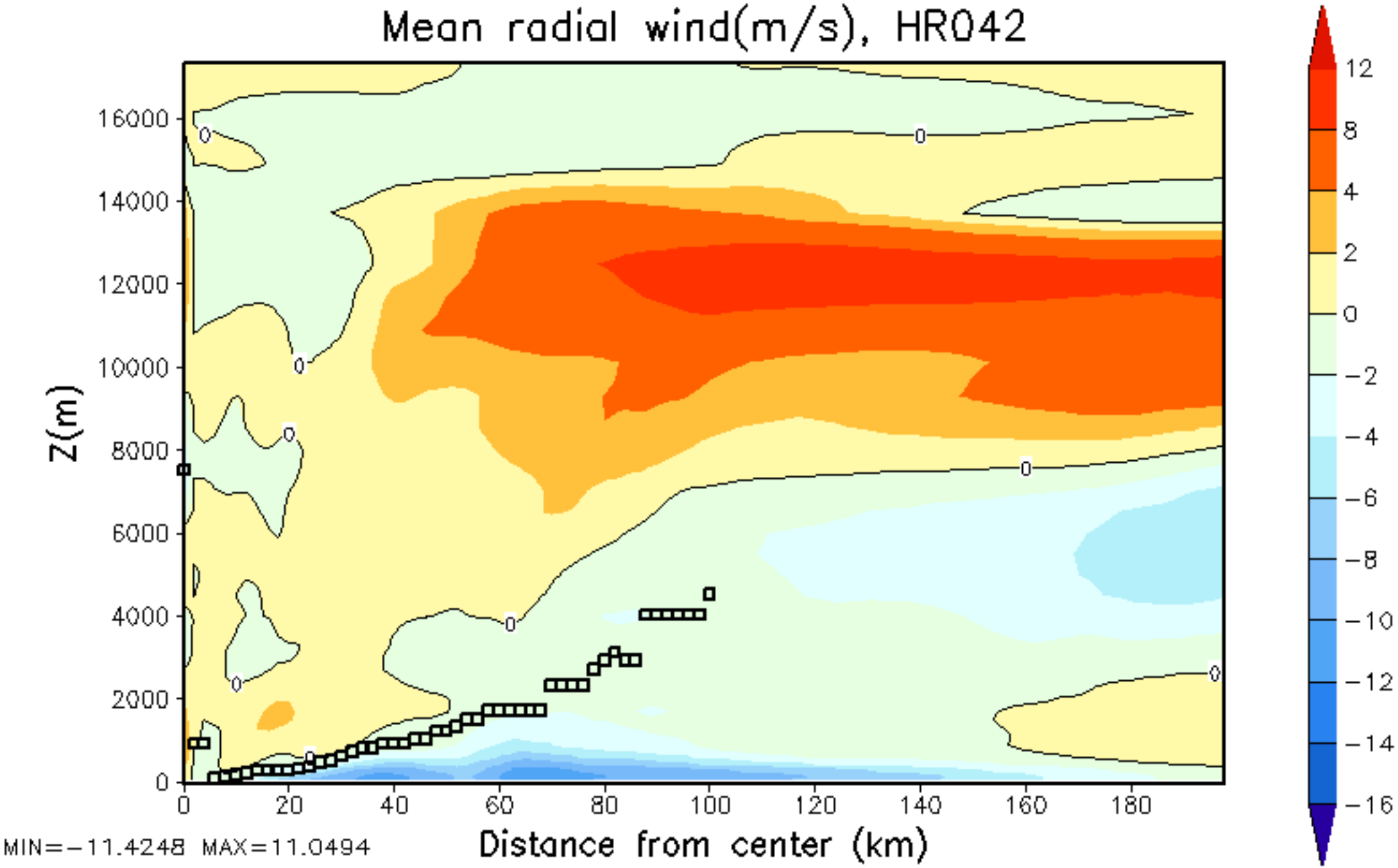
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR042
Z(m)
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14000
12000
10000
8000
6000
4000
2000
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100
120
140
160
180
Distance from center (km)
MIN=−11.4248 MAX=11.0494
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2
0
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−6
−8
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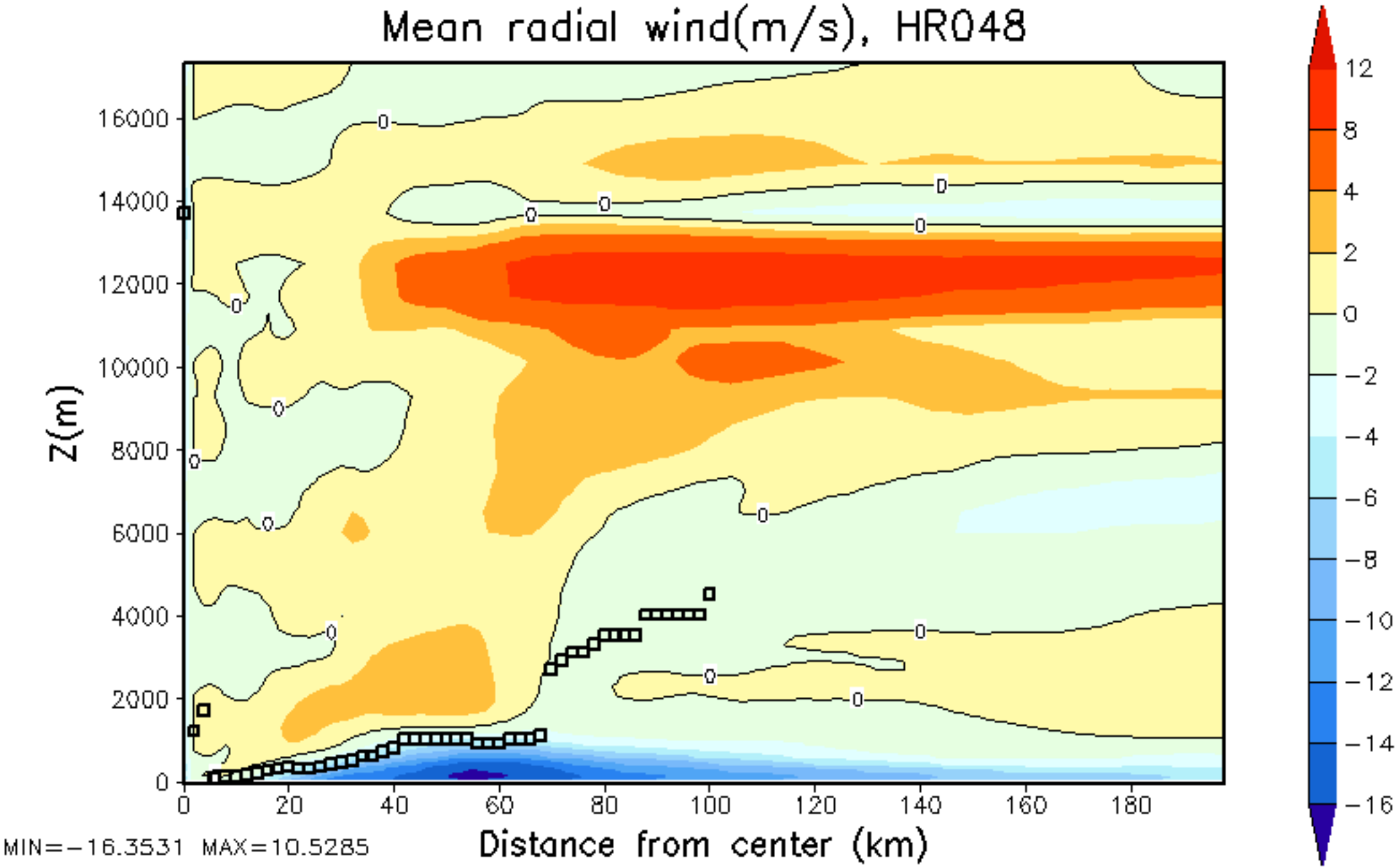
−12
−14
−16


Mean radial wind(m/s), HR048
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=−16.3531 MAX=10.5285
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0
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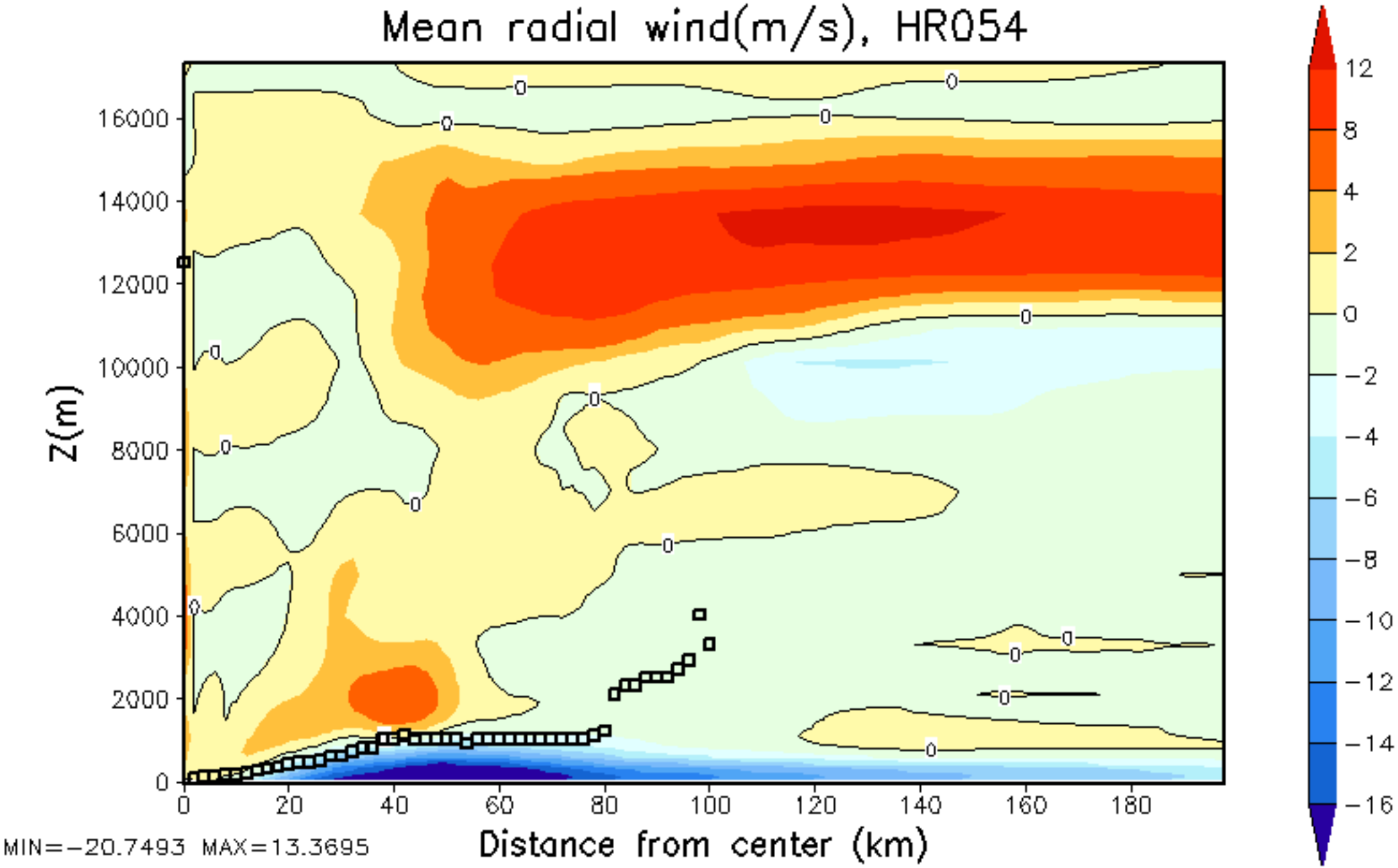
−6
−8
−10
−12
−14
−16


Mean radial wind(m/s), HR054
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-20.7493 MAX=13.3695
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0
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-8
-10
-12
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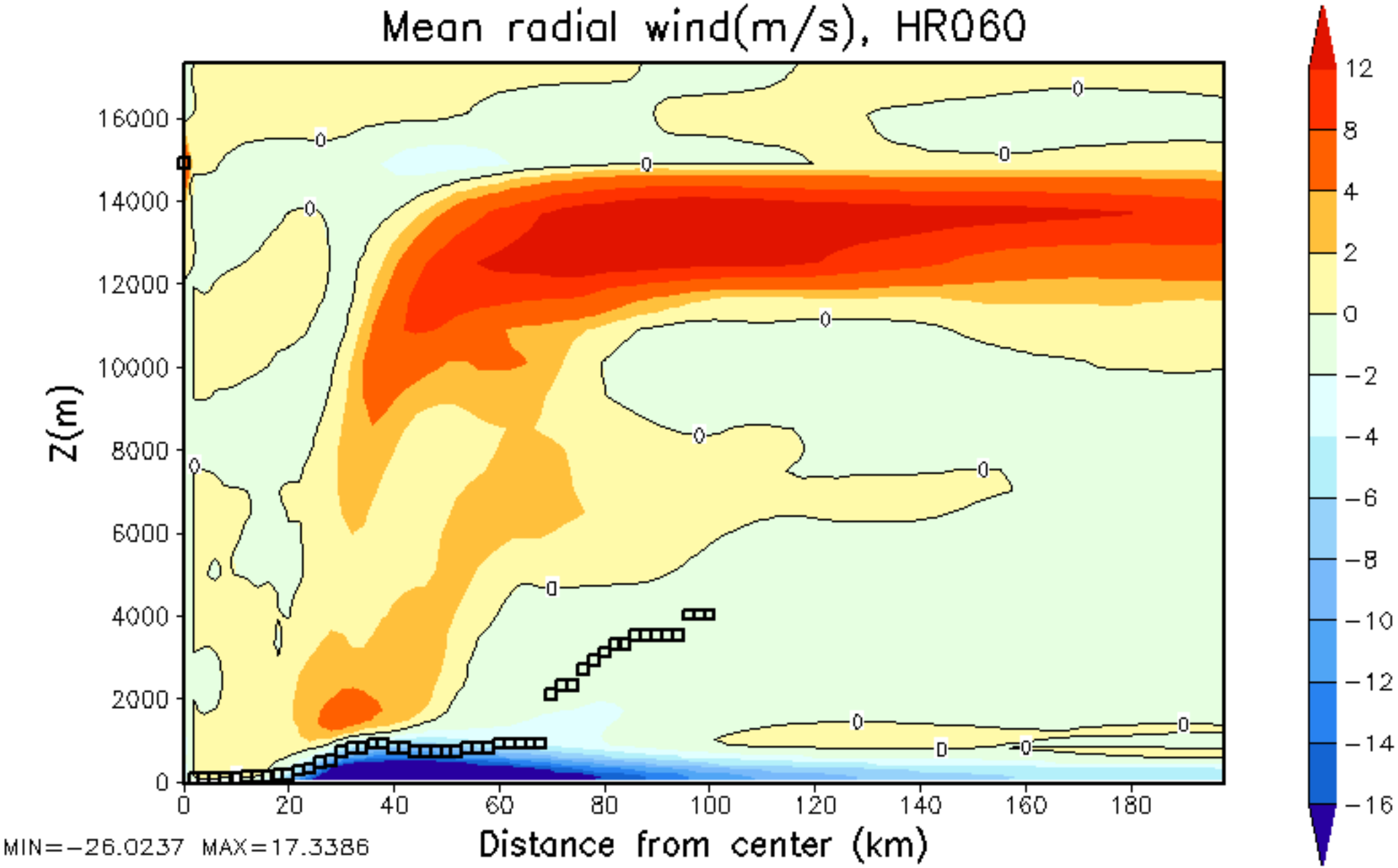
-16


Mean radial wind(m/s), HR060
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-26.0237 MAX=17.3386
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8
4
2
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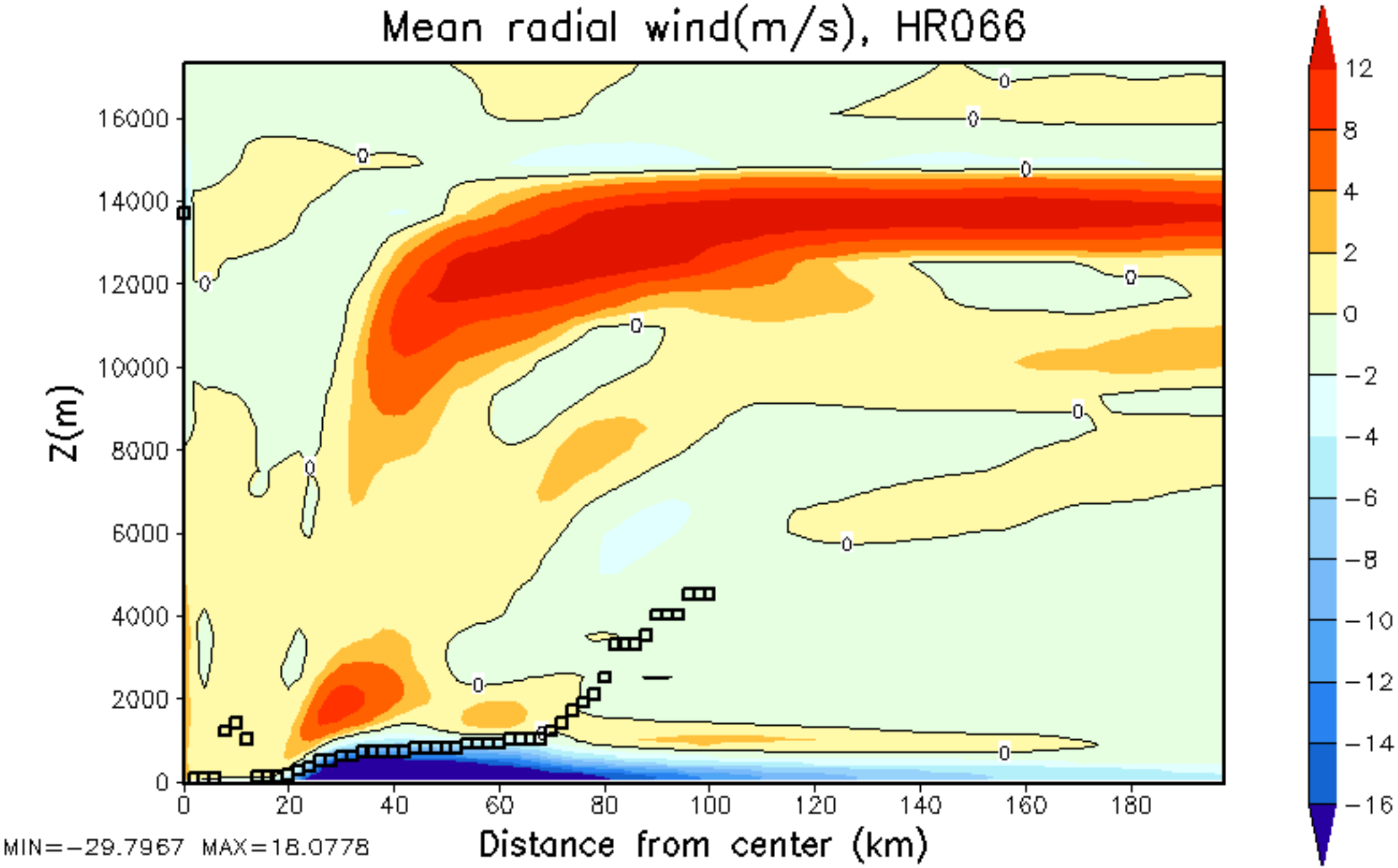
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR066
Z(m)
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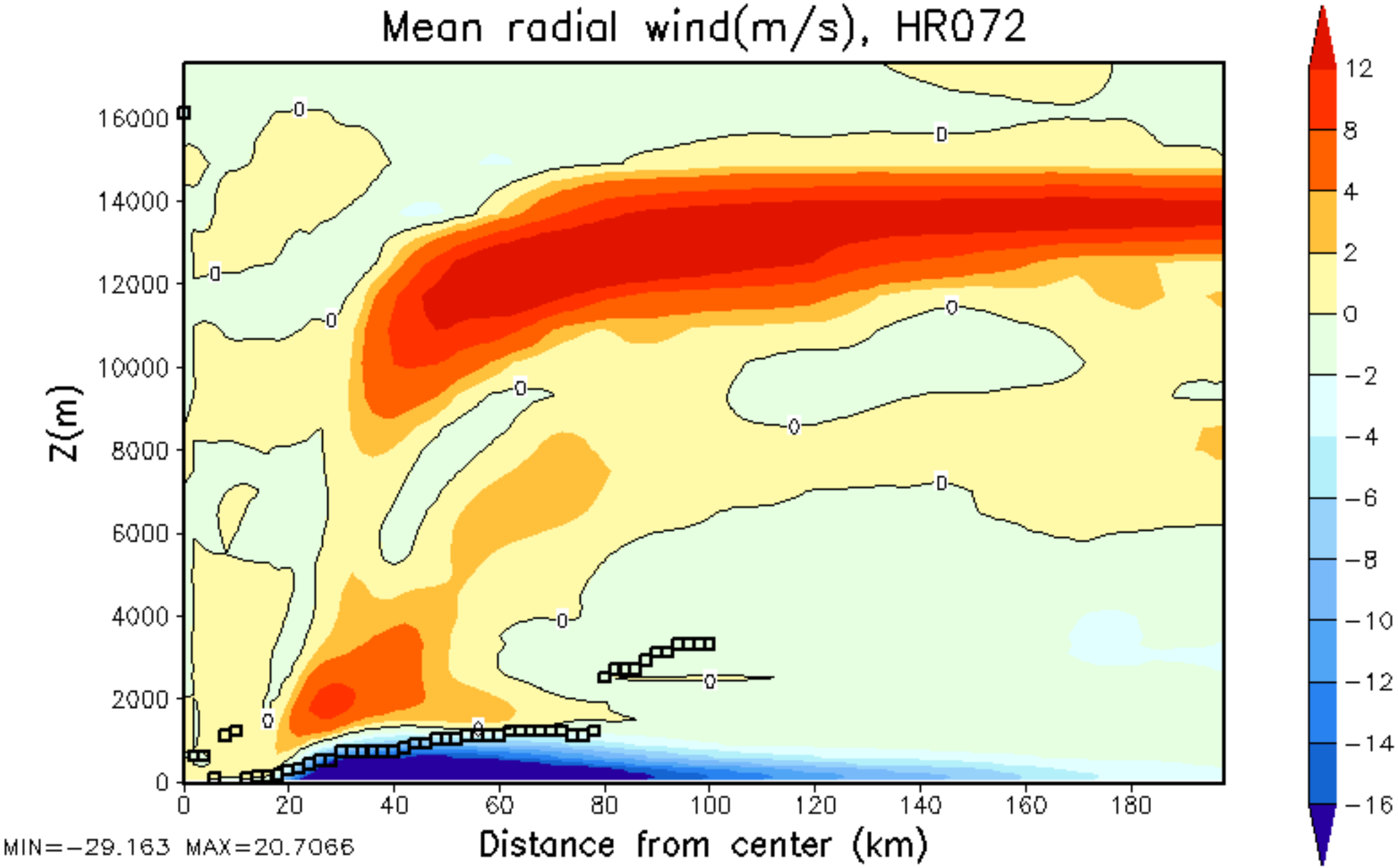
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-29.7967 MAX=18.0778
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR072
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-29.163 MAX=20.7066
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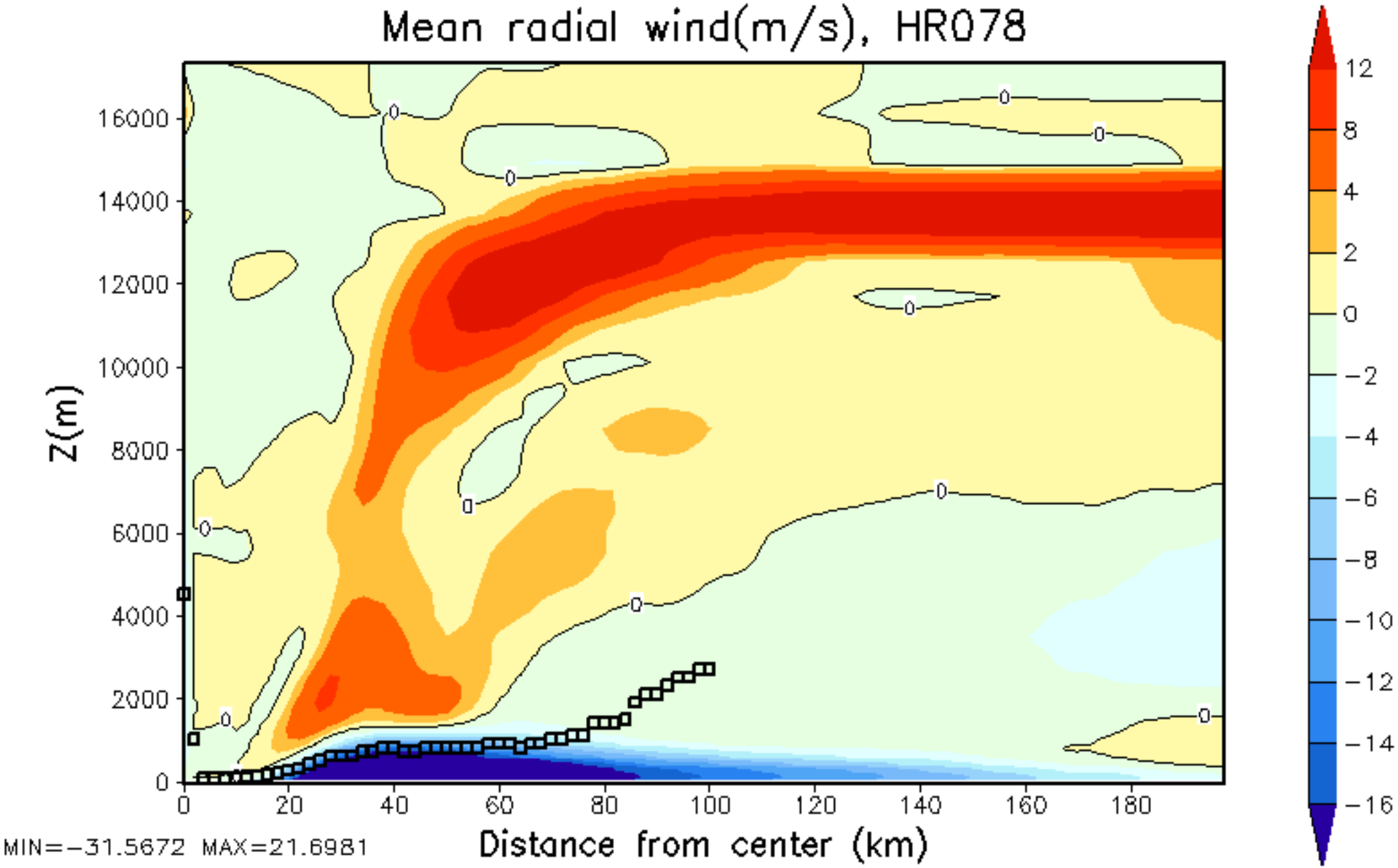
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR078
Z(m)
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10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-31.5672 MAX=21.6981
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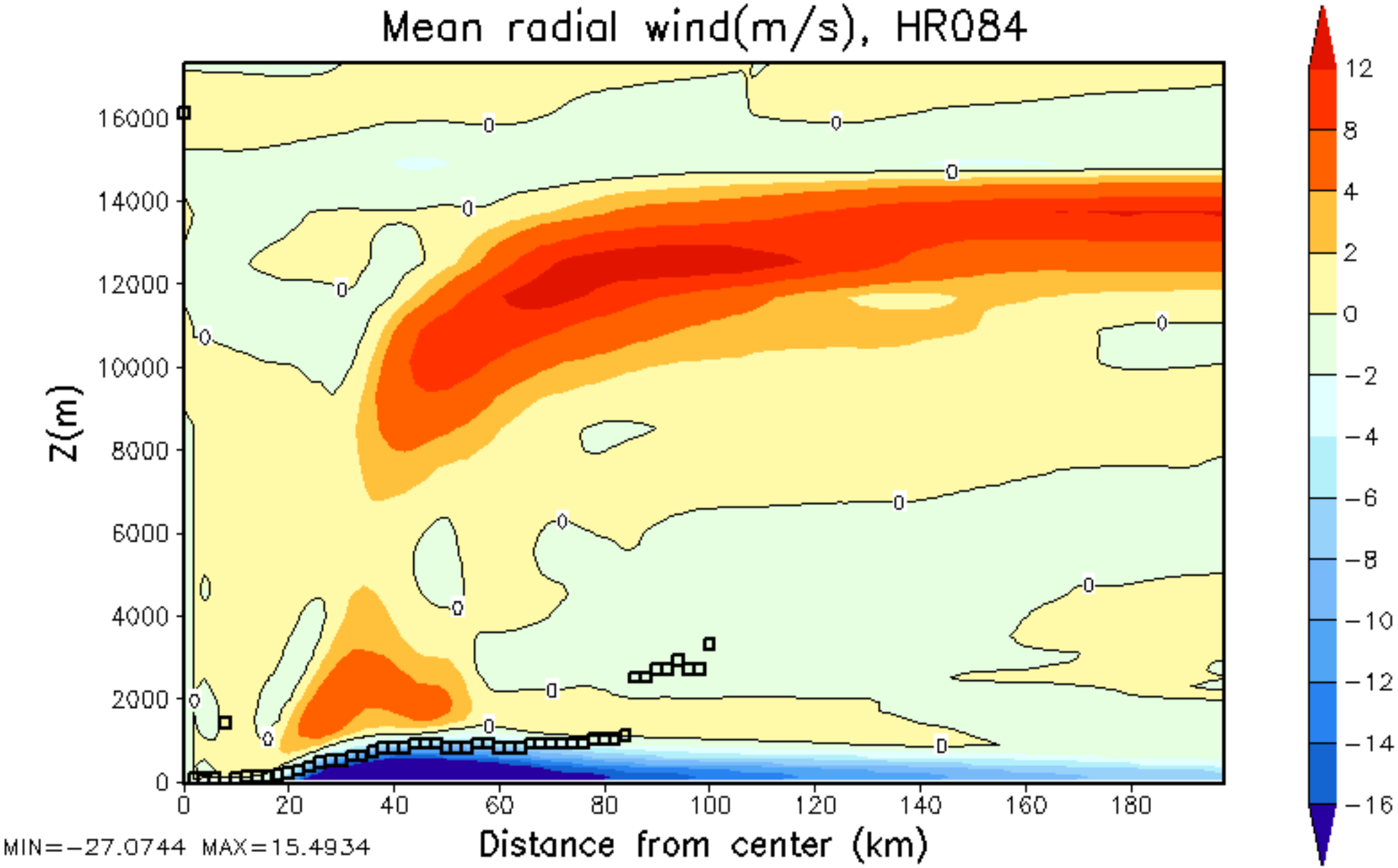
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR084
Z(m)
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12000
10000
8000
6000
4000
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0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-27.0744 MAX=15.4934
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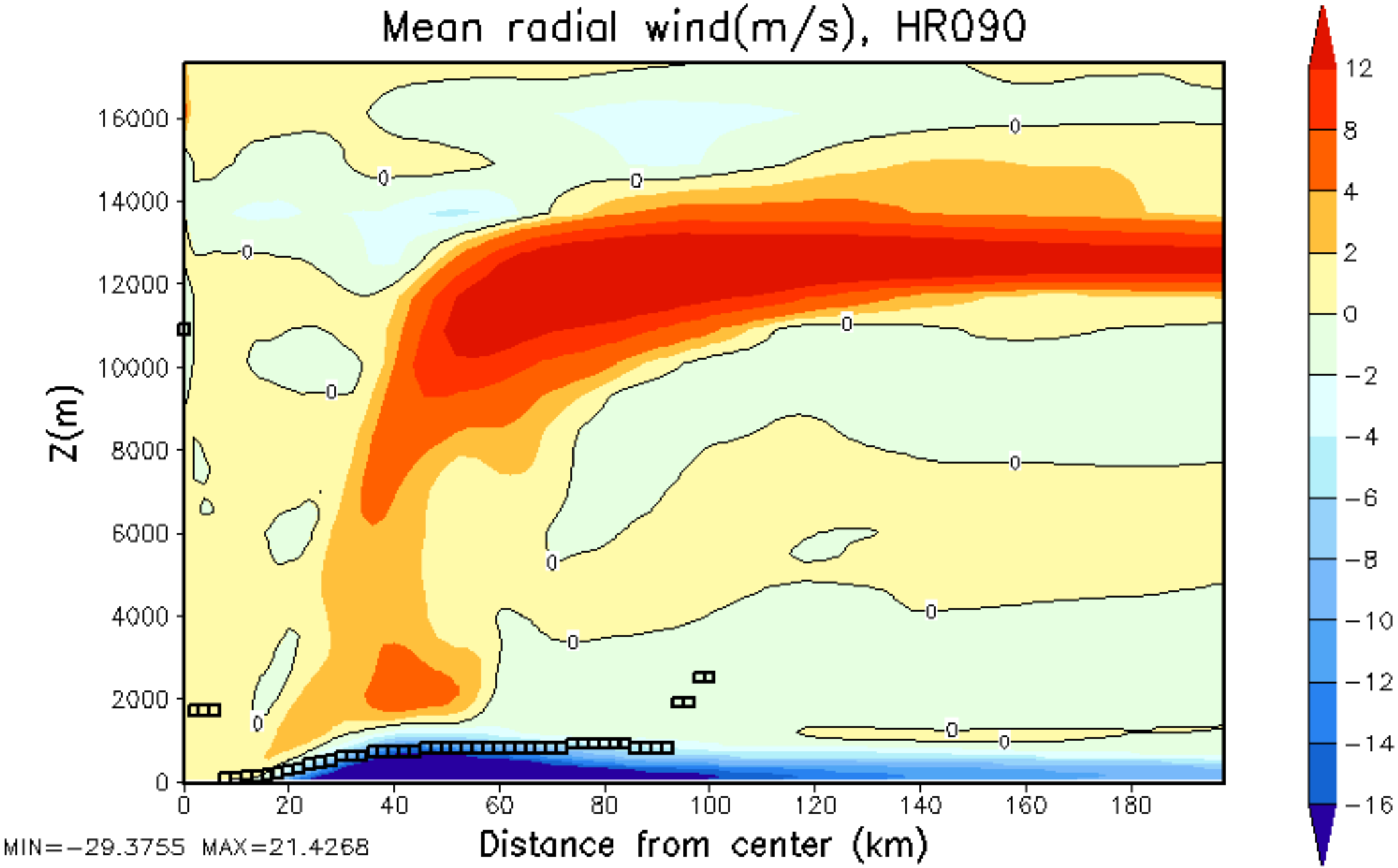
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR090
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-29.3755 MAX=21.4268
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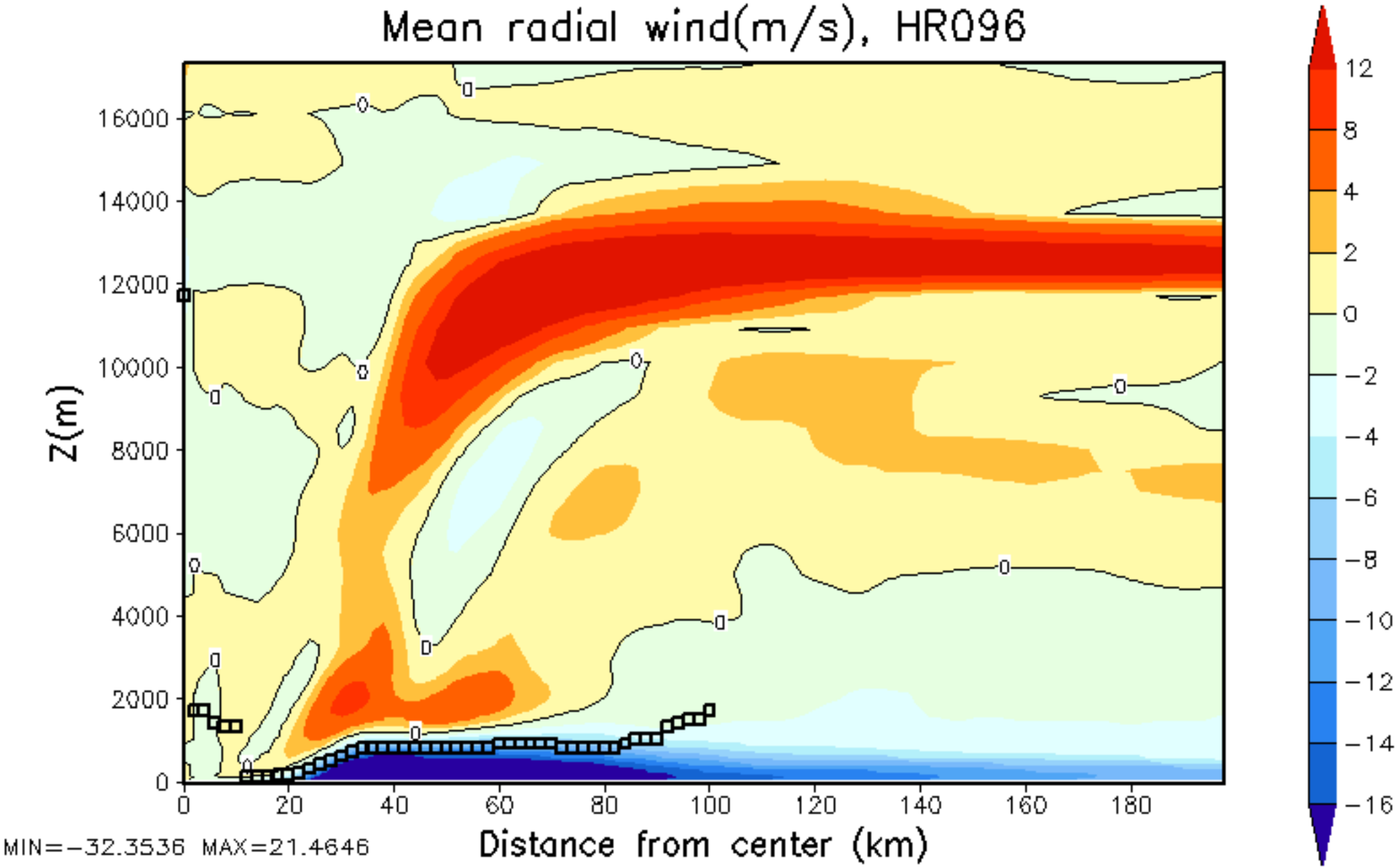
-12
-14
-16


Mean radial wind(m/s), HR096
Z(m)
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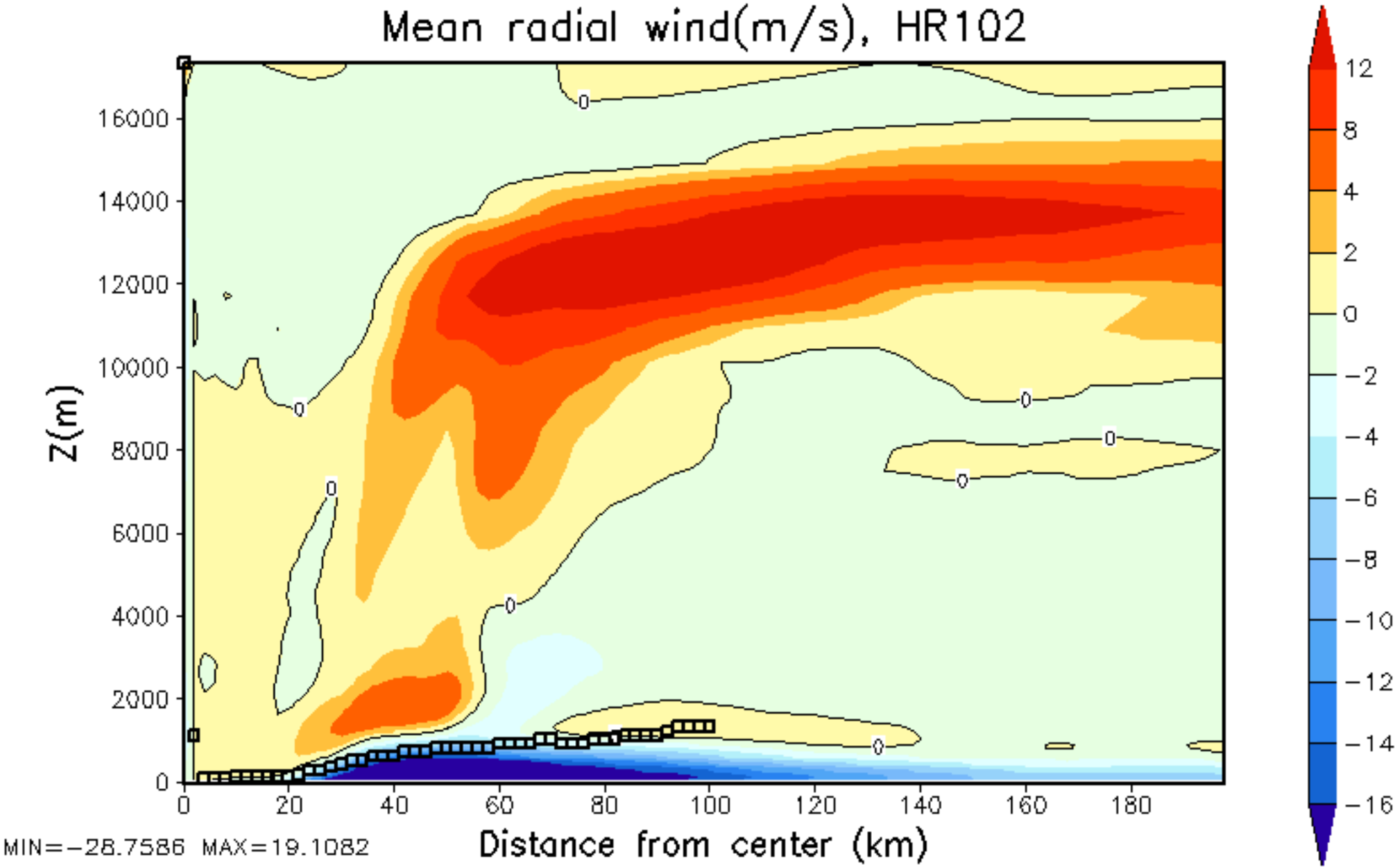
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-32.3536 MAX=21.4646
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR102
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-28.7586 MAX=19.1082
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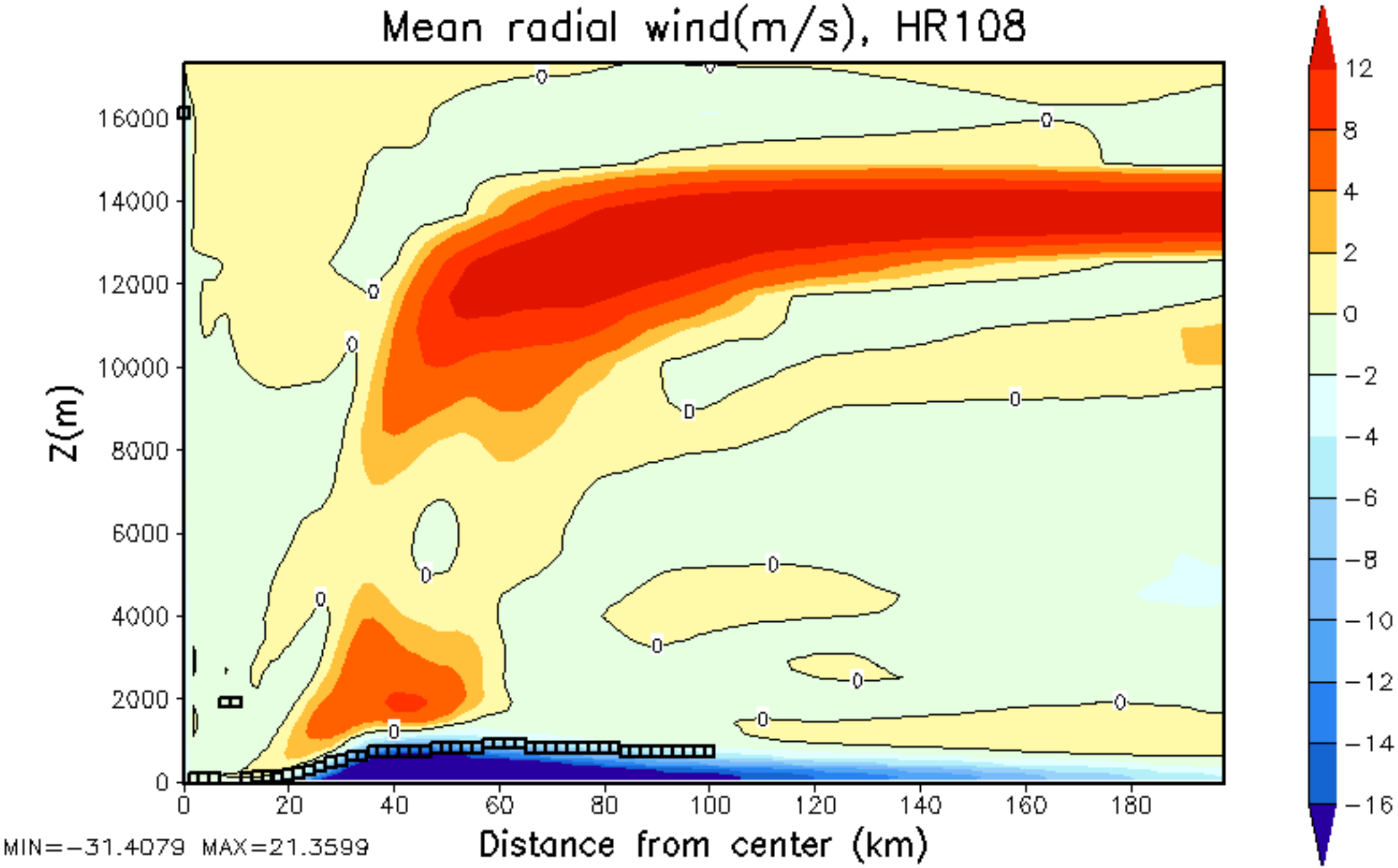
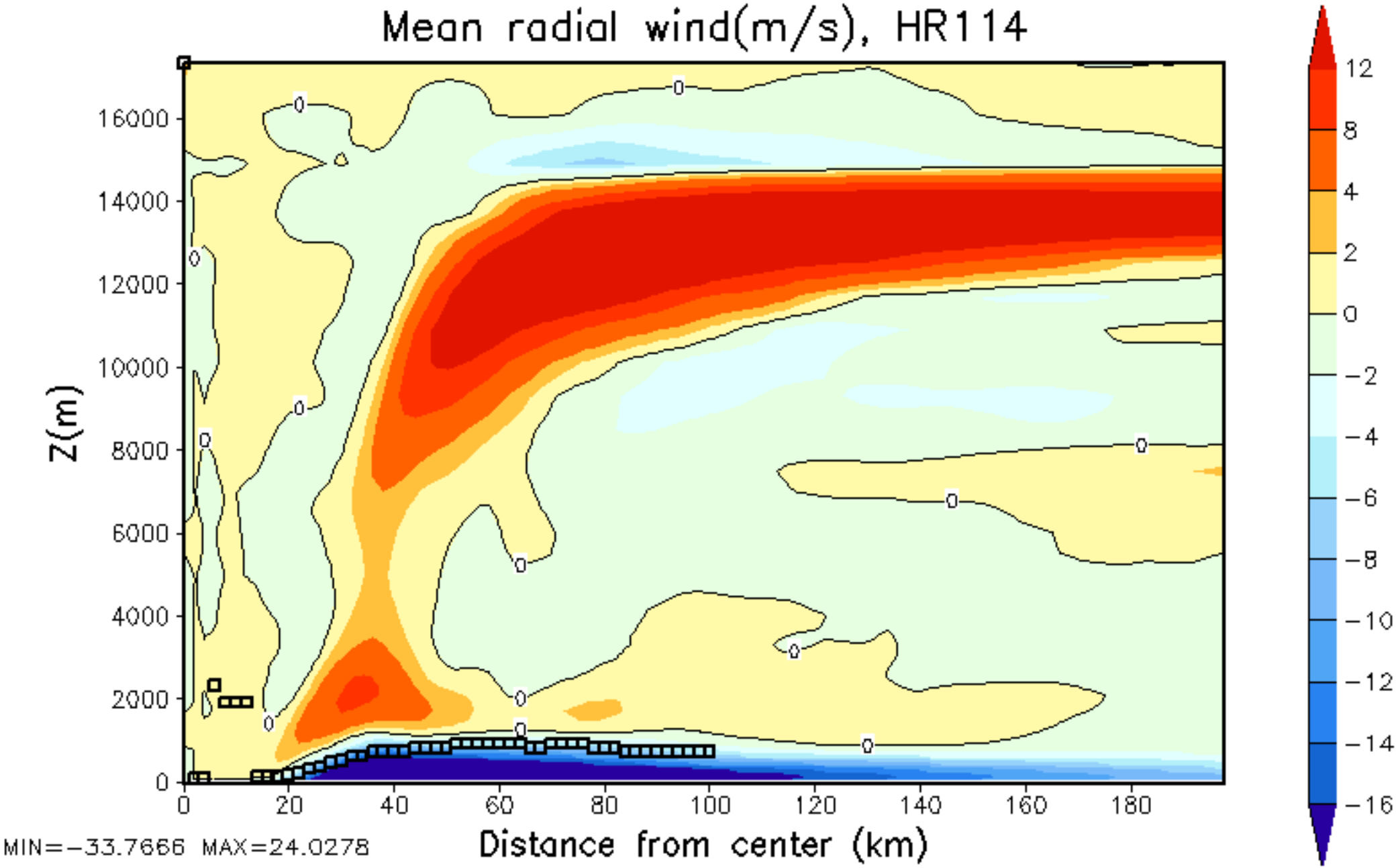
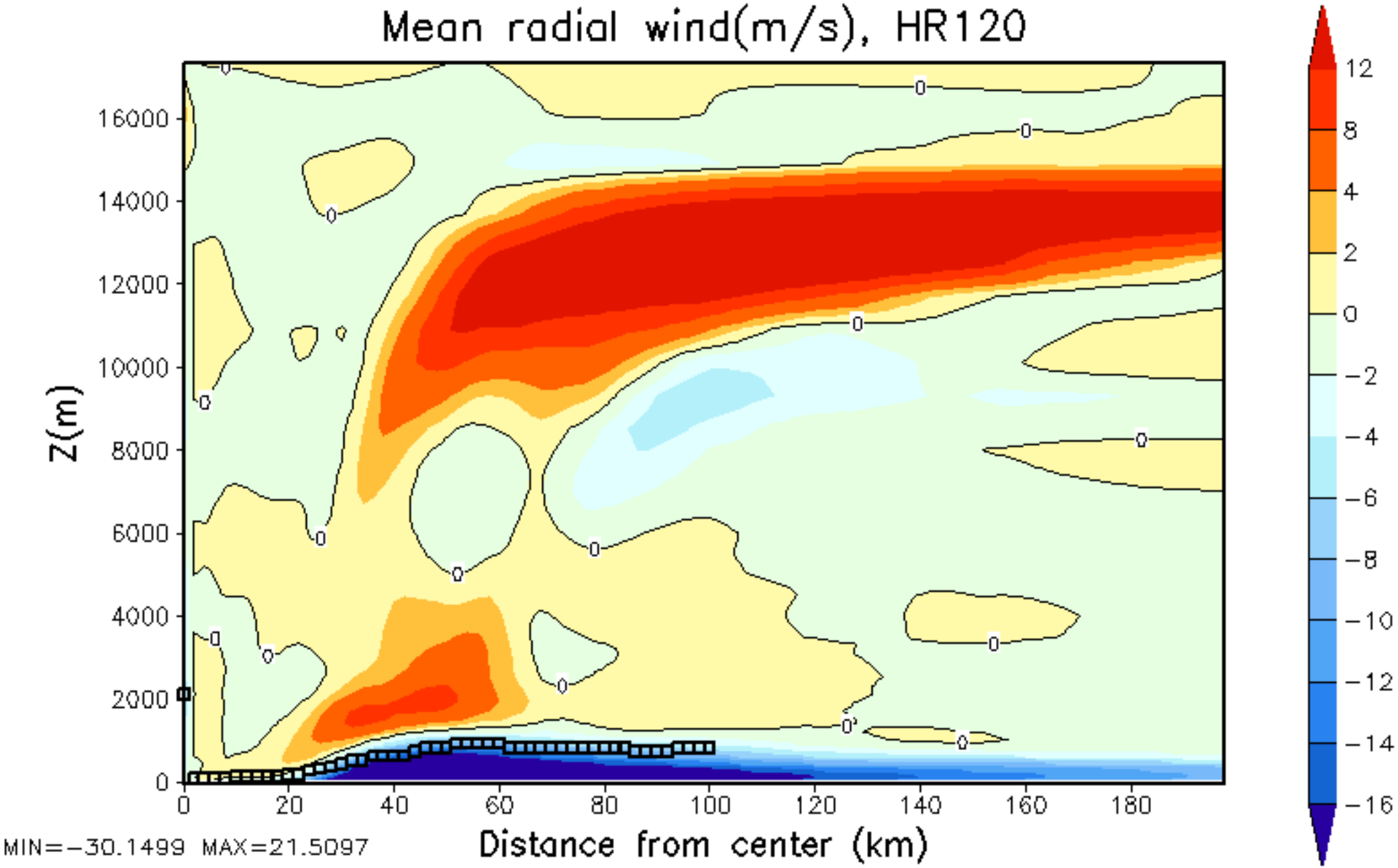
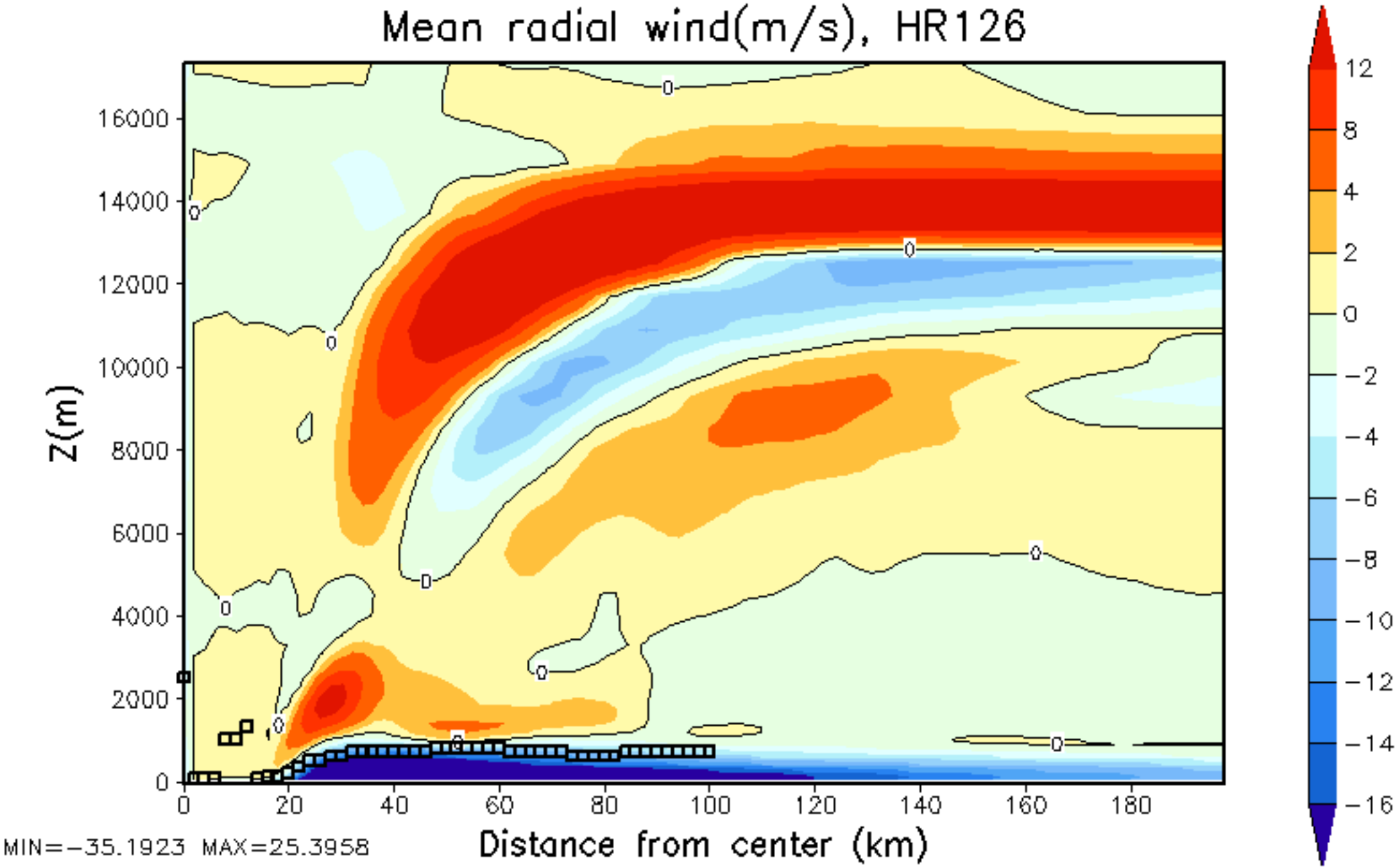
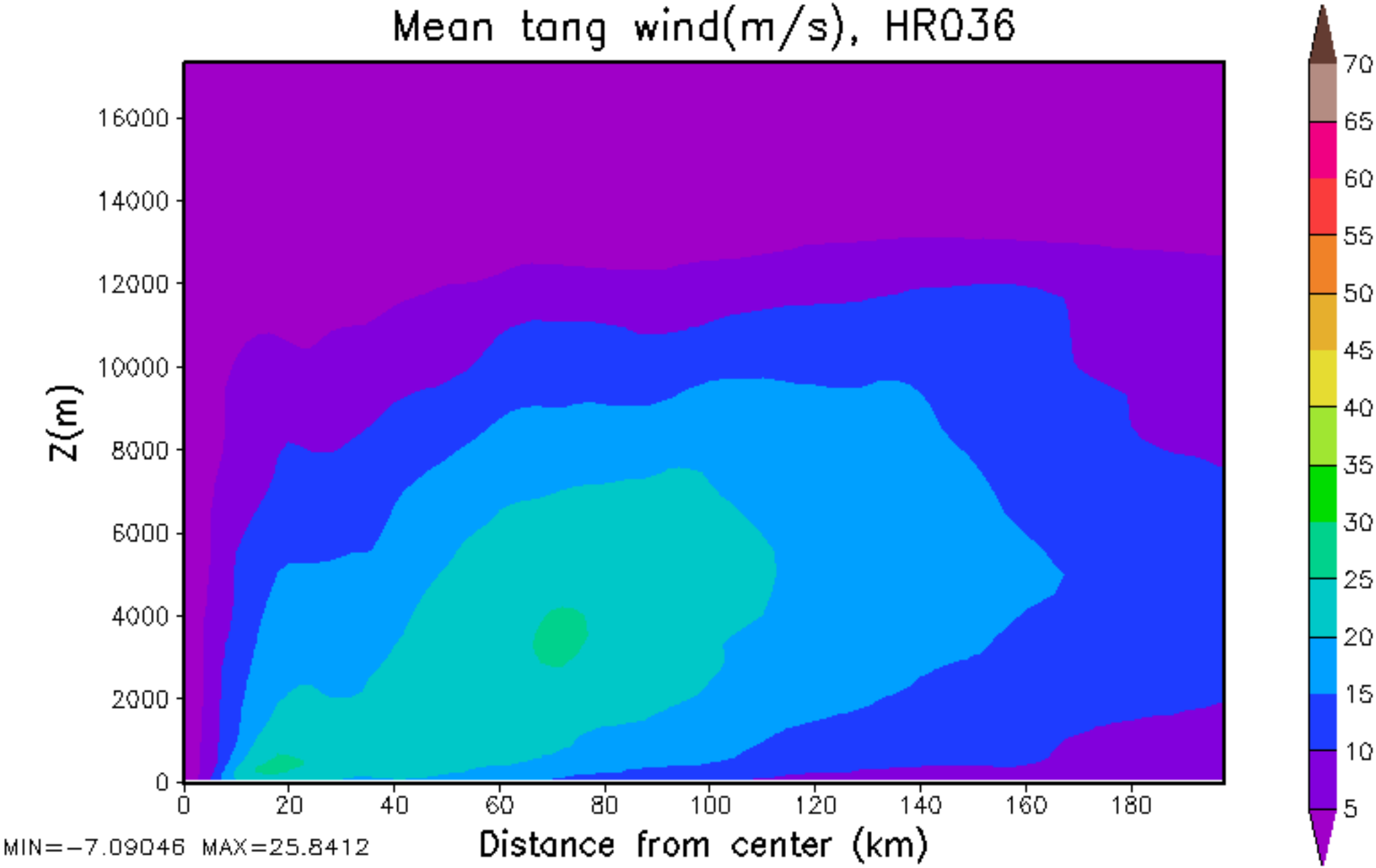
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-31.4079 MAX=21.3599
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR114
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-33.7666 MAX=24.0278
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR120
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-30.1499 MAX=21.5097
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR126
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-35.1923 MAX=25.3958
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean tang wind(m/s), HR036
Z(m)
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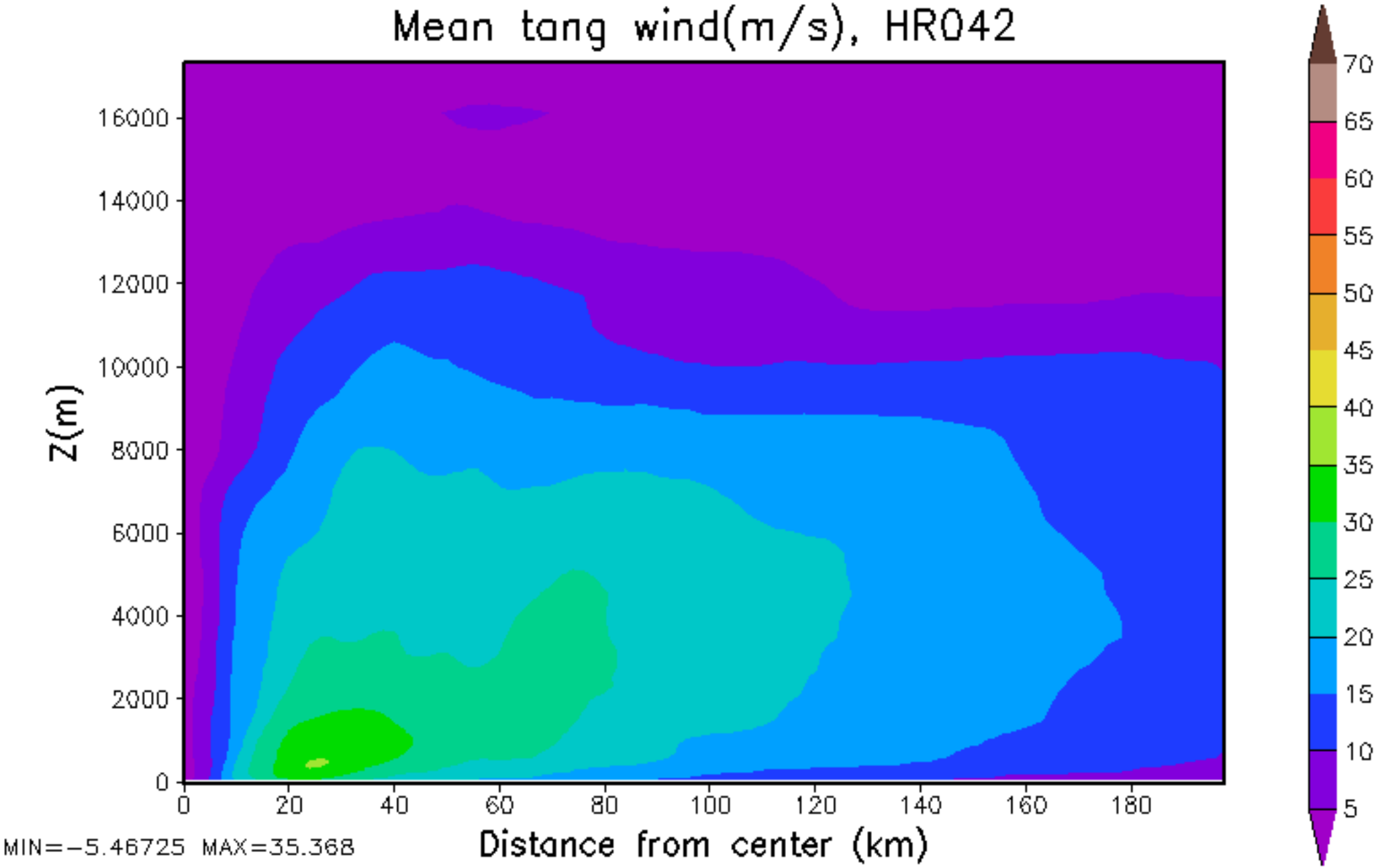
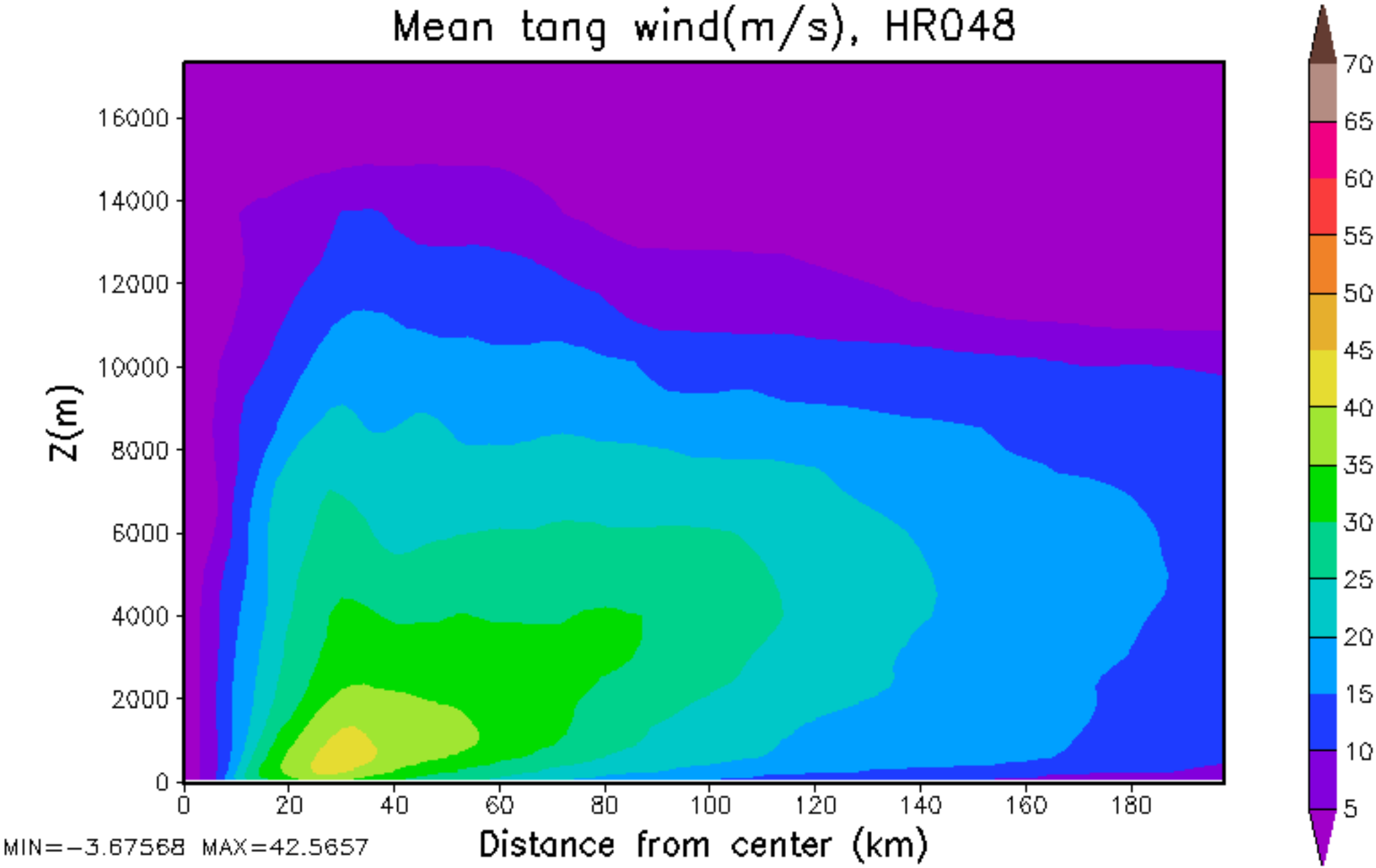
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-7.09046 MAX=25.8412
70
65
60
55
50
45
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR042
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-5.46725 MAX=35.368
70
65
60
55
50
45
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR048
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-3.67568 MAX=42.5657
70
65
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55
50
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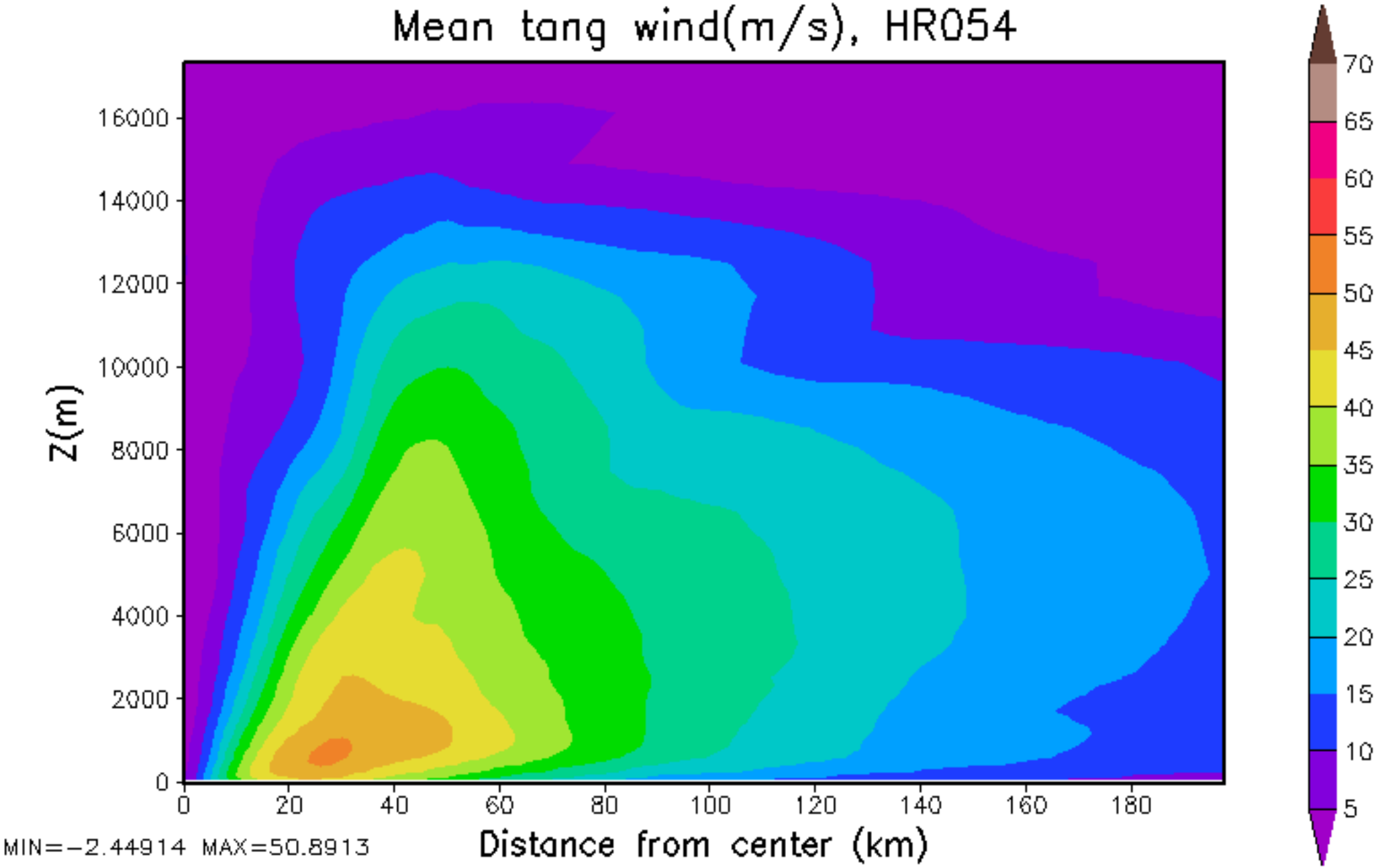
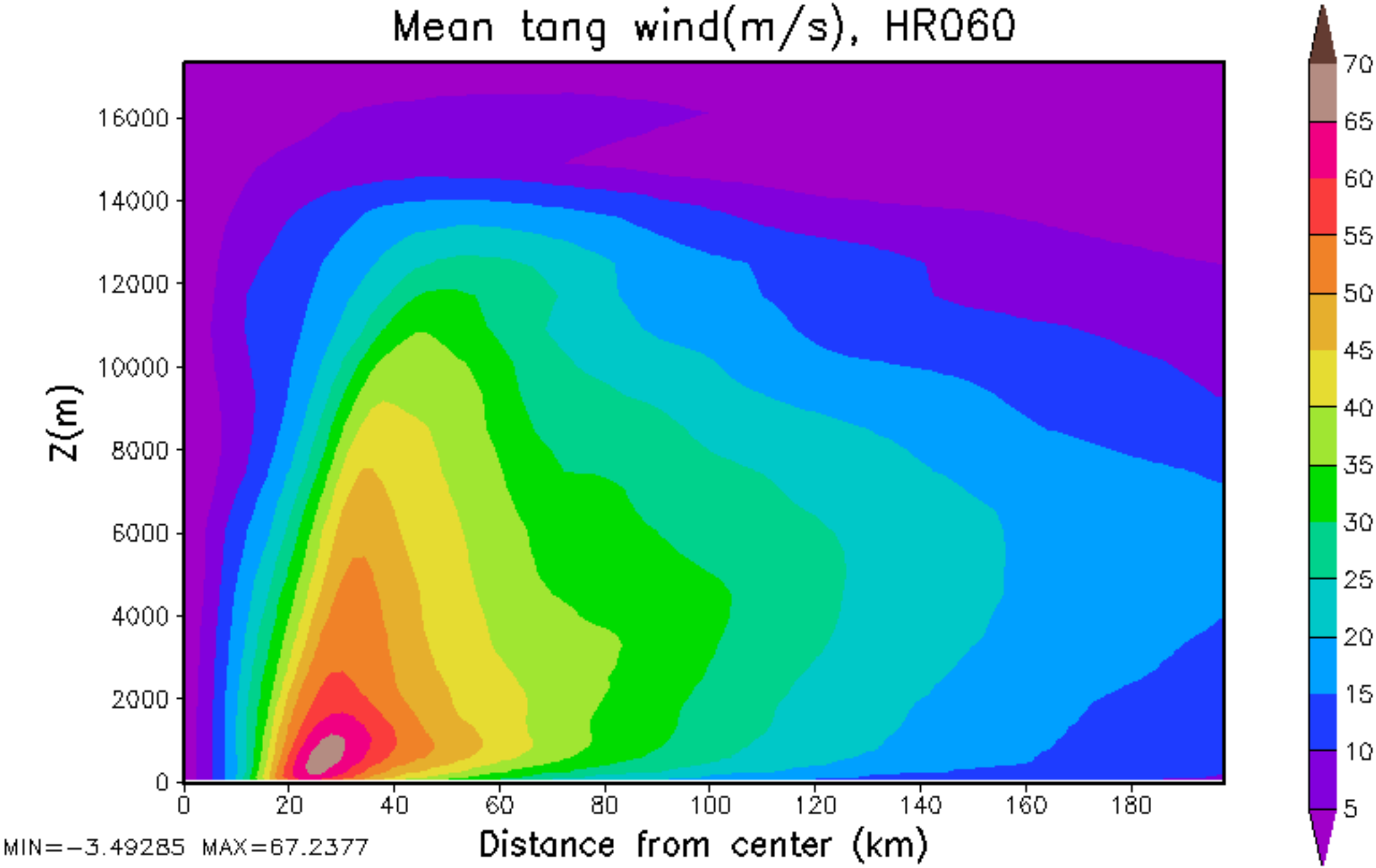
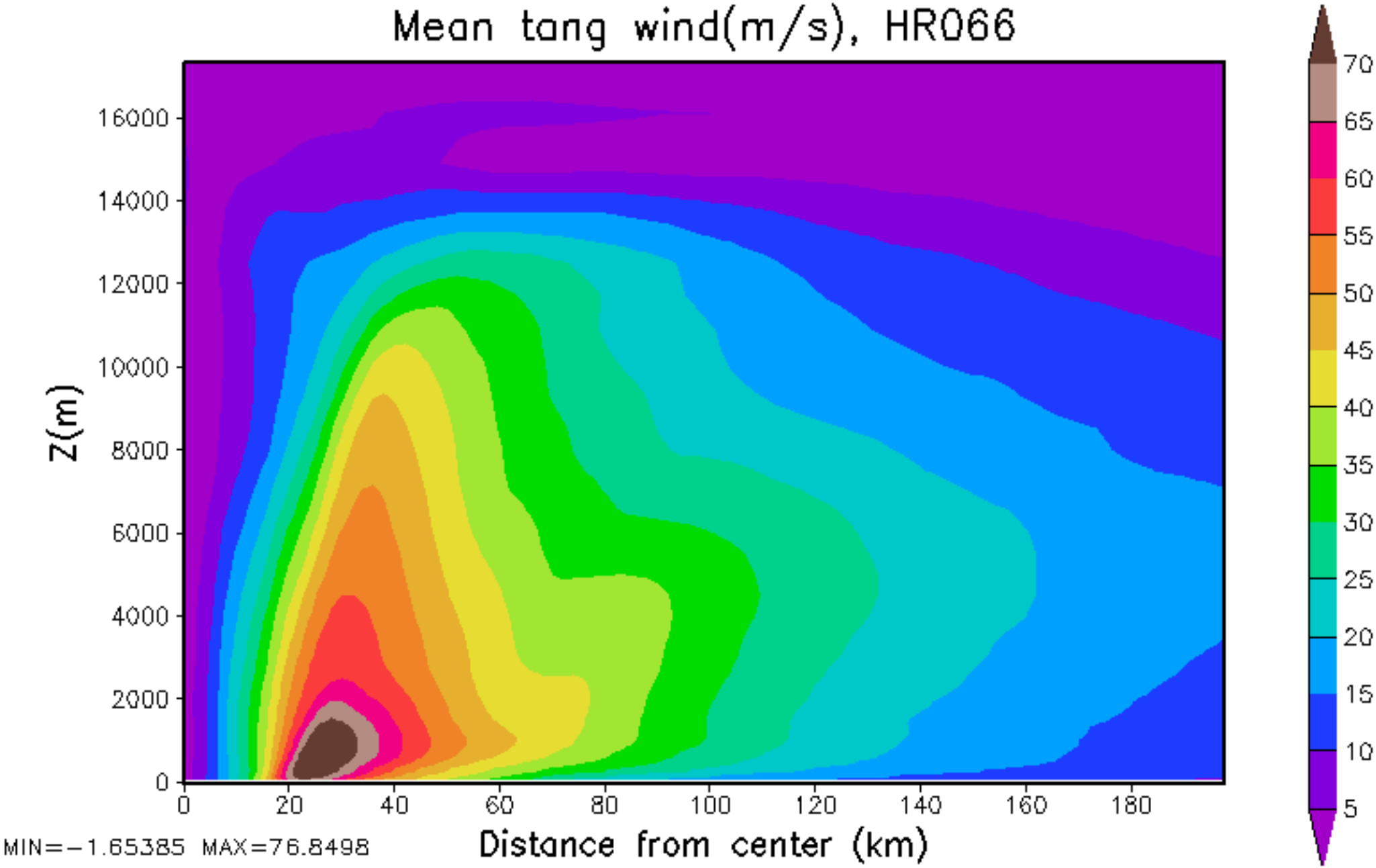
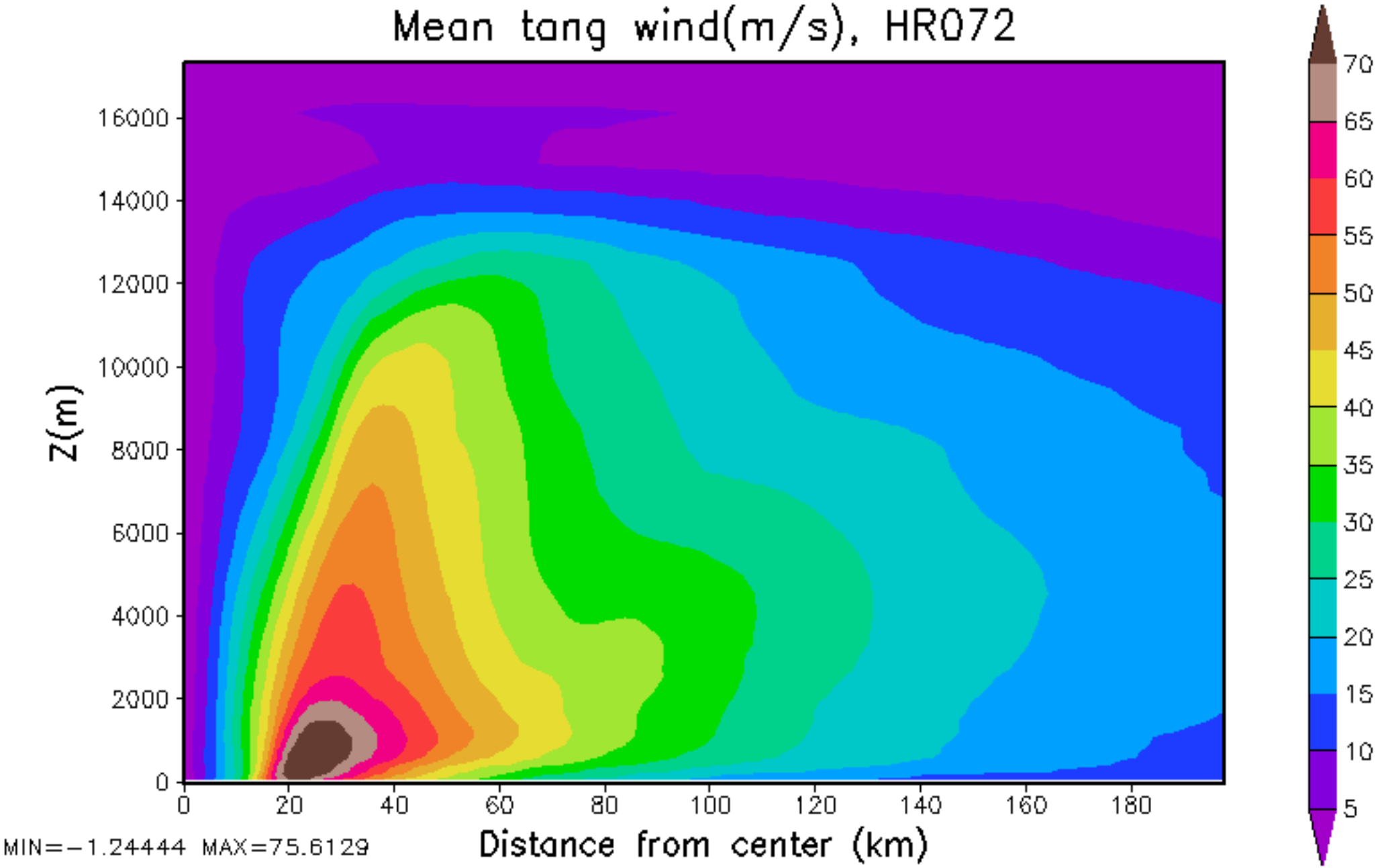
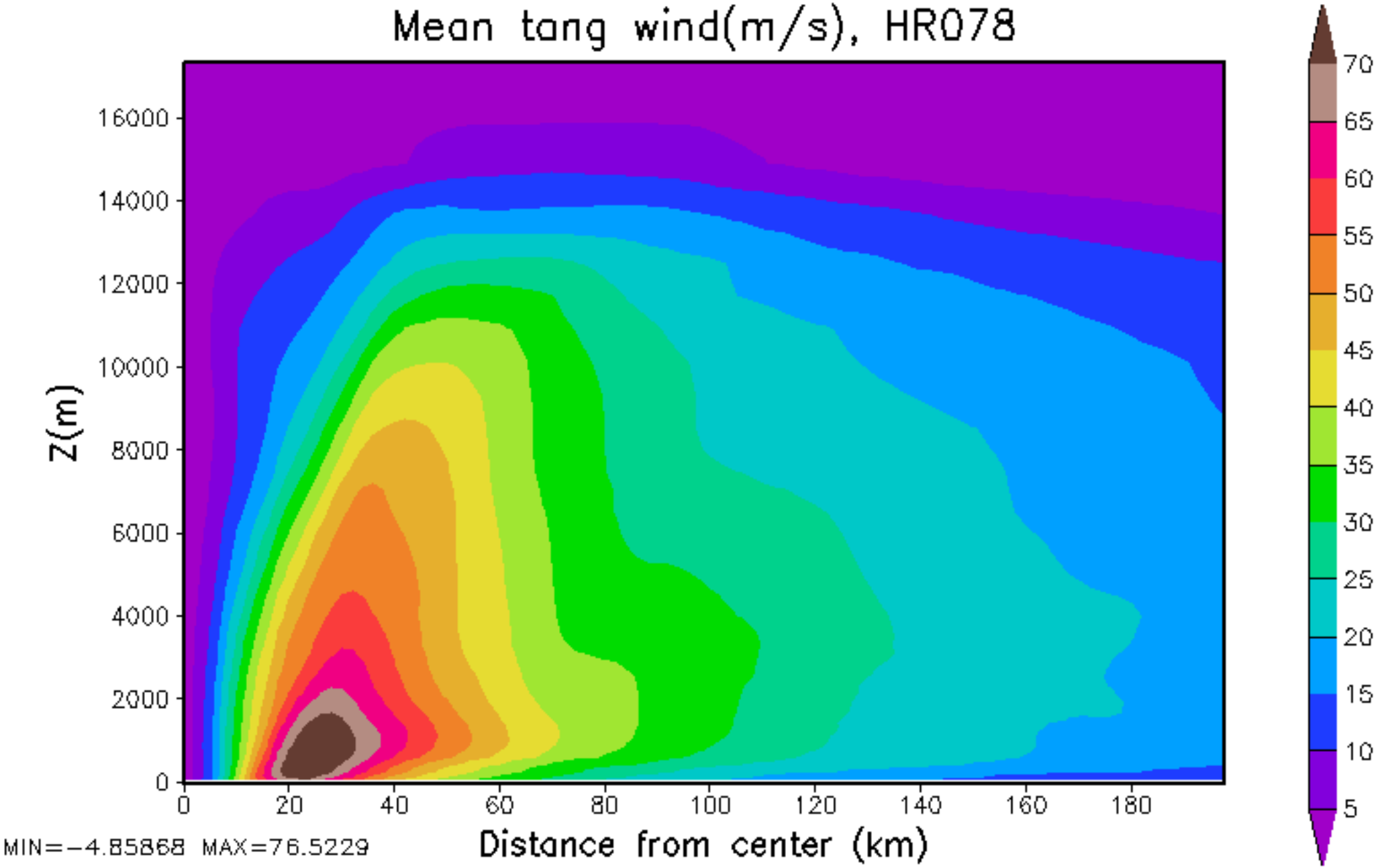
40
35
30
25
20
15
10
5

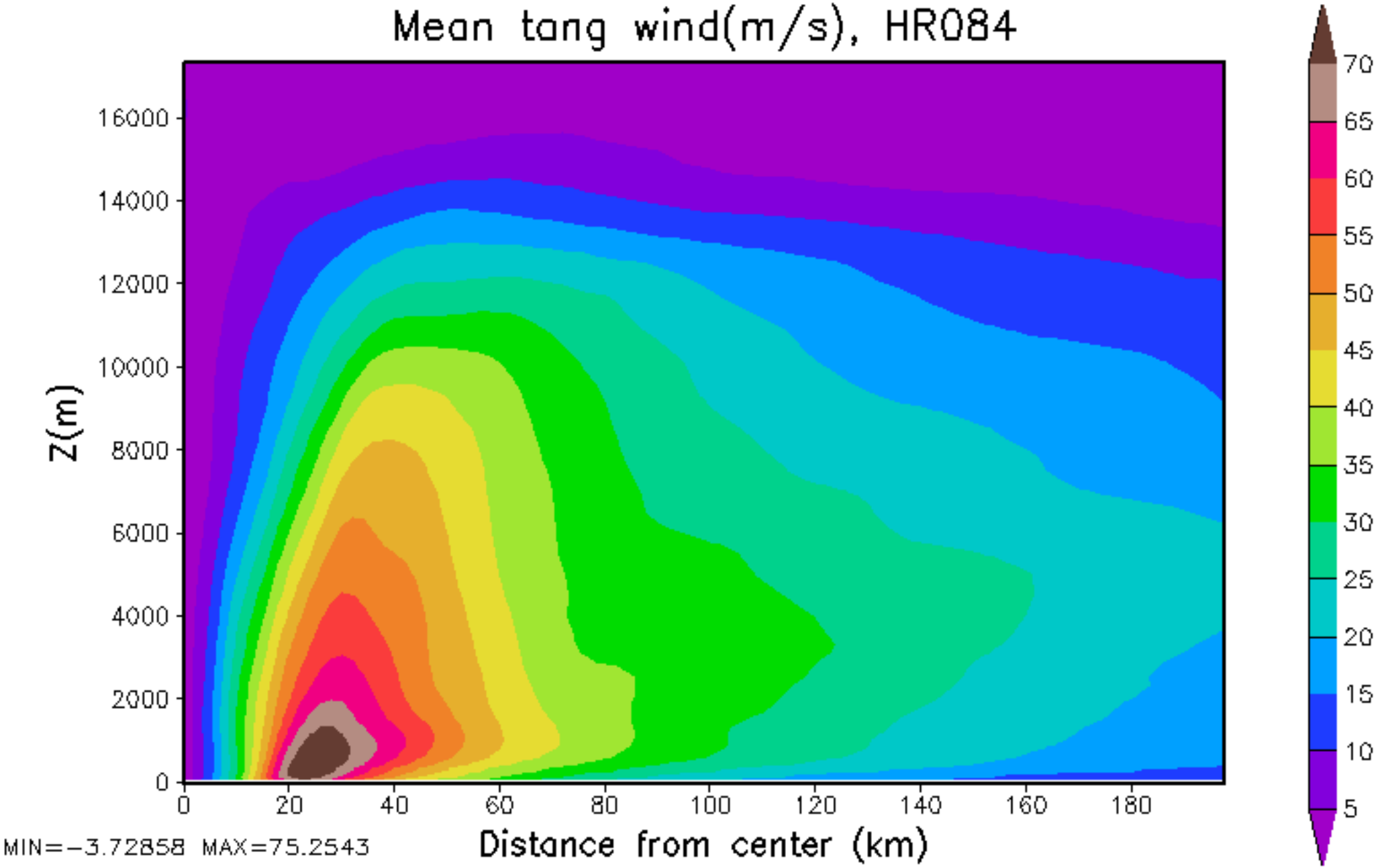

Mean tang wind(m/s), HR054
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-2.44914 MAX=50.8913
70
65
60
55
50
45
40
35
30
25
20
15
10
5

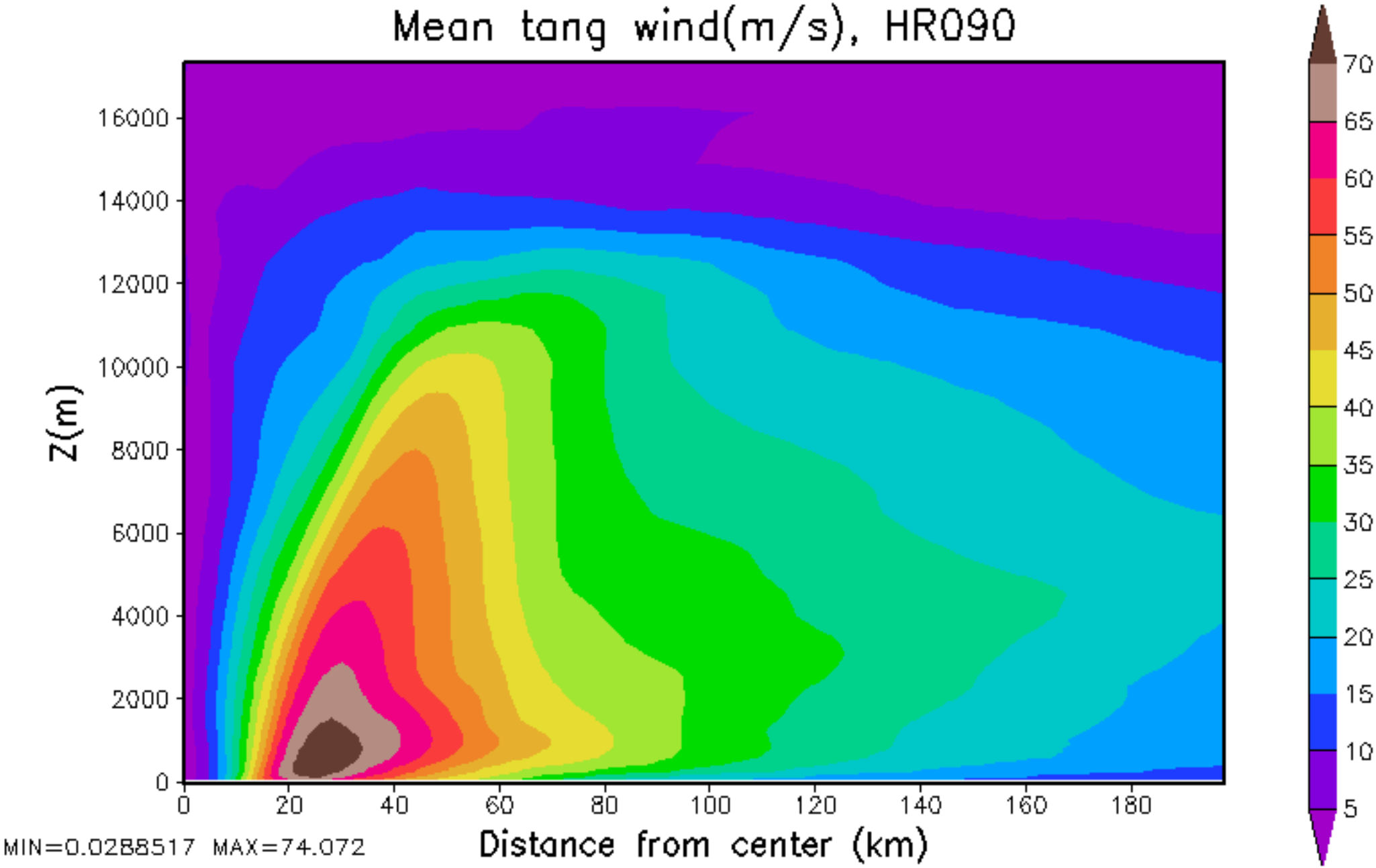

Mean tang wind(m/s), HR060
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-3.49285 MAX=67.2377
70
65
60
55
50
45
40
35
30
25
20
15
10
5

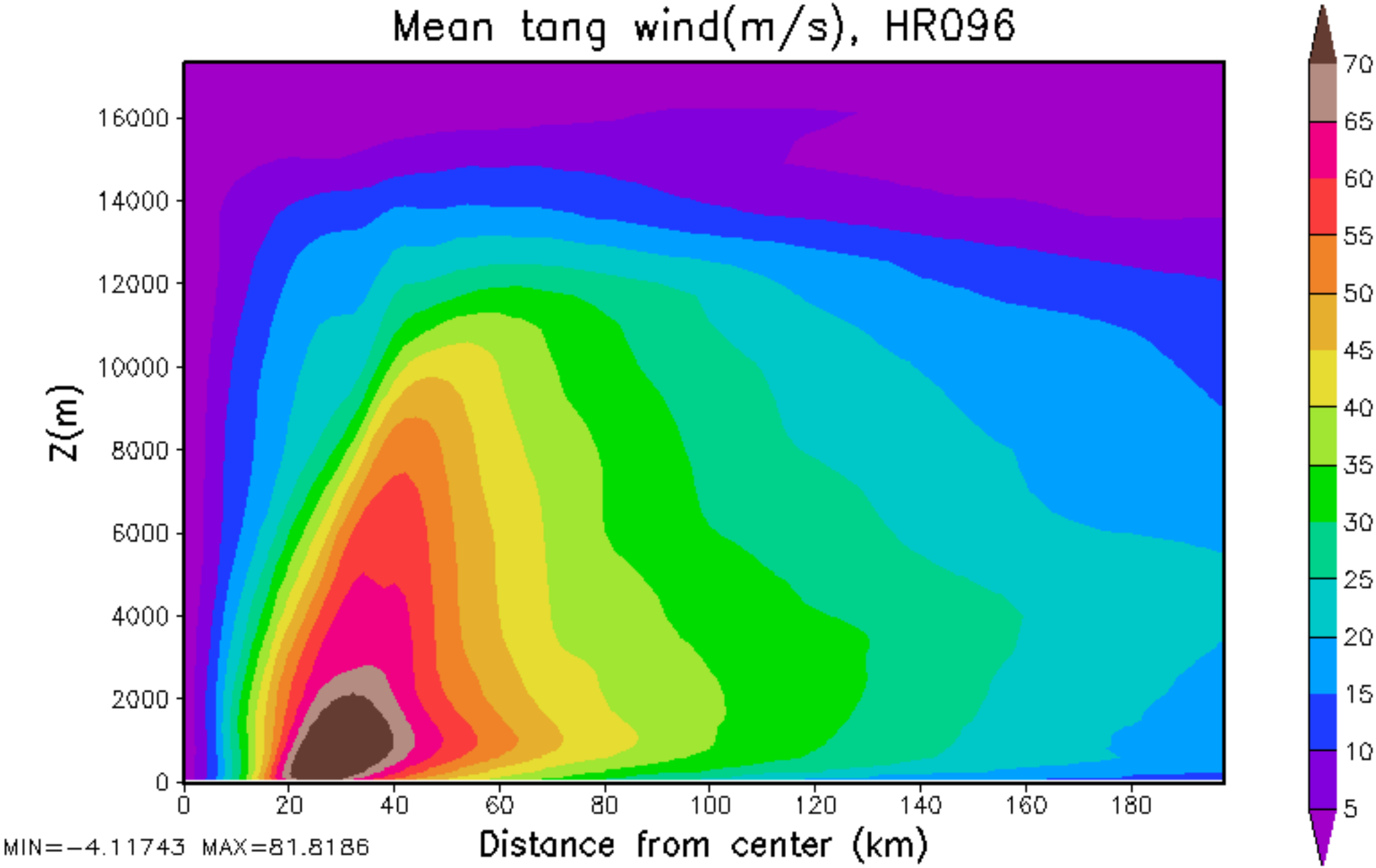

Mean tang wind(m/s), HR066
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-1.65385 MAX=76.8498
70
65
60
55
50
45
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-1.24444 MAX=75.6129
70
65
60
55
50
45
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR078
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-4.85868 MAX=76.5229
70
65
60
55
50
45
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR084
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-3.72858 MAX=75.2543
70
65
60
55
50
45
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0288517 MAX=74.072
70
65
60
55
50
45
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR096
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-4.11743 MAX=81.8186
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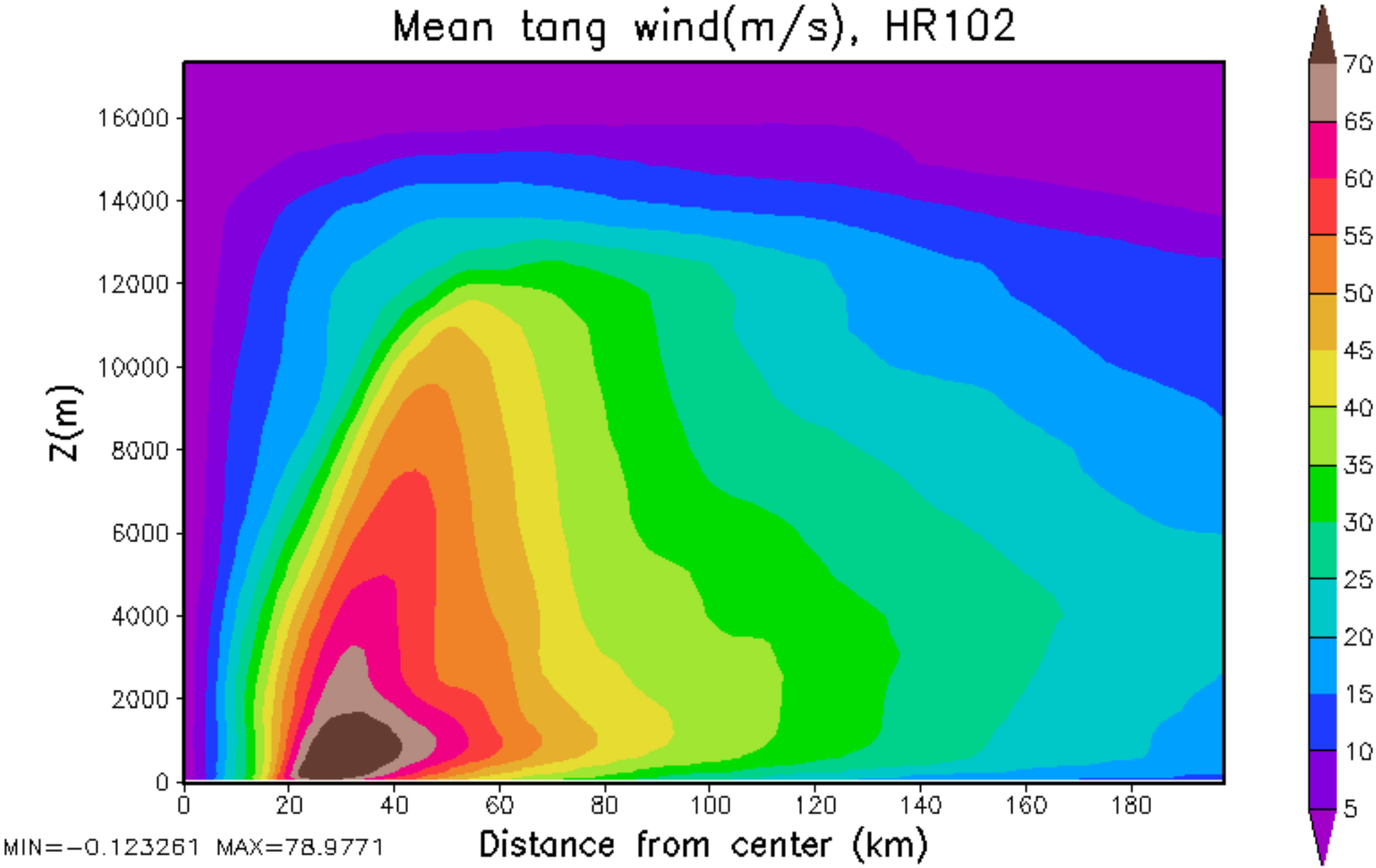
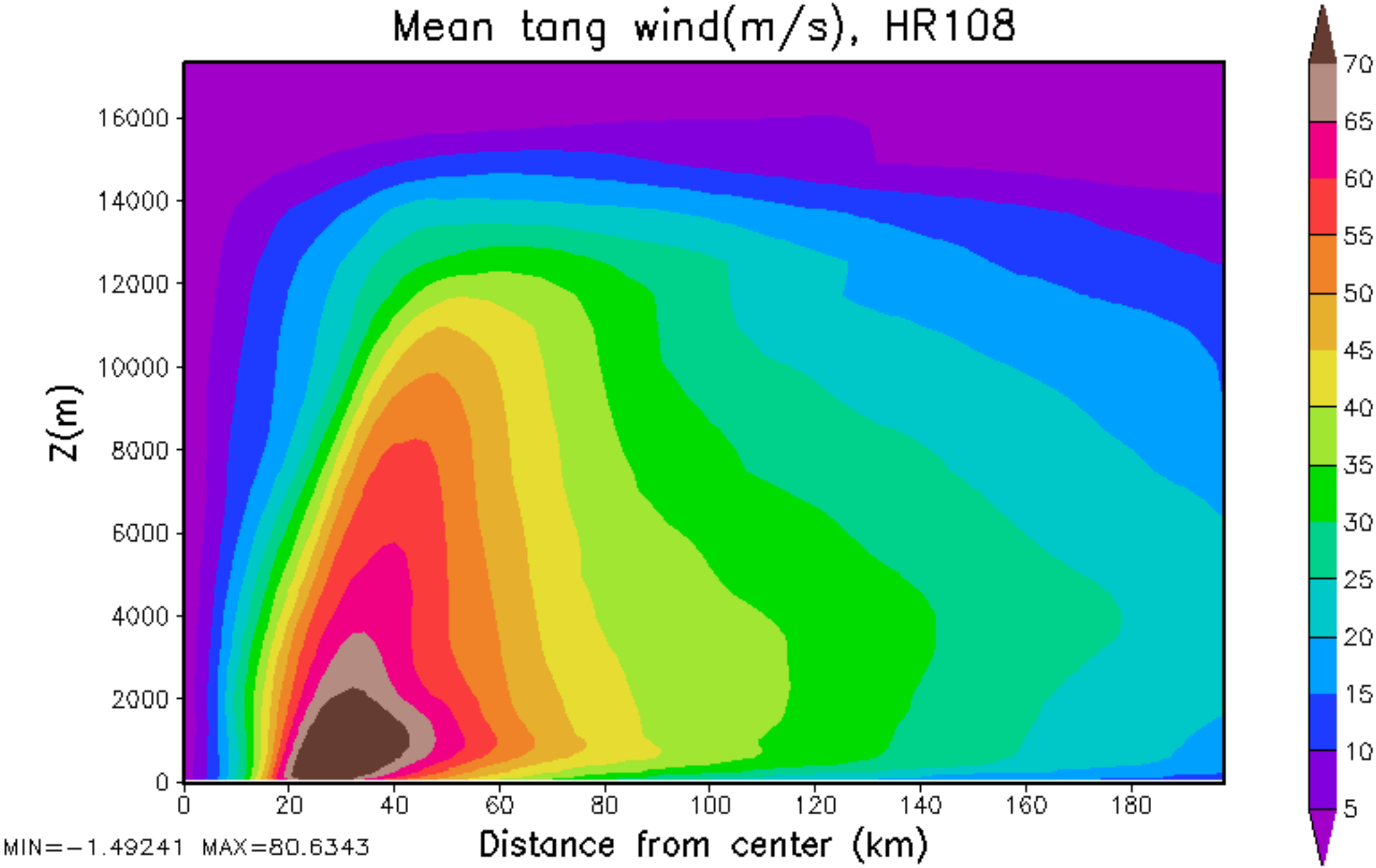
65
60
55
50
45
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR102
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.123261 MAX=78.9771
70
65
60
55
50
45
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-1.49241 MAX=80.6343
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65
60
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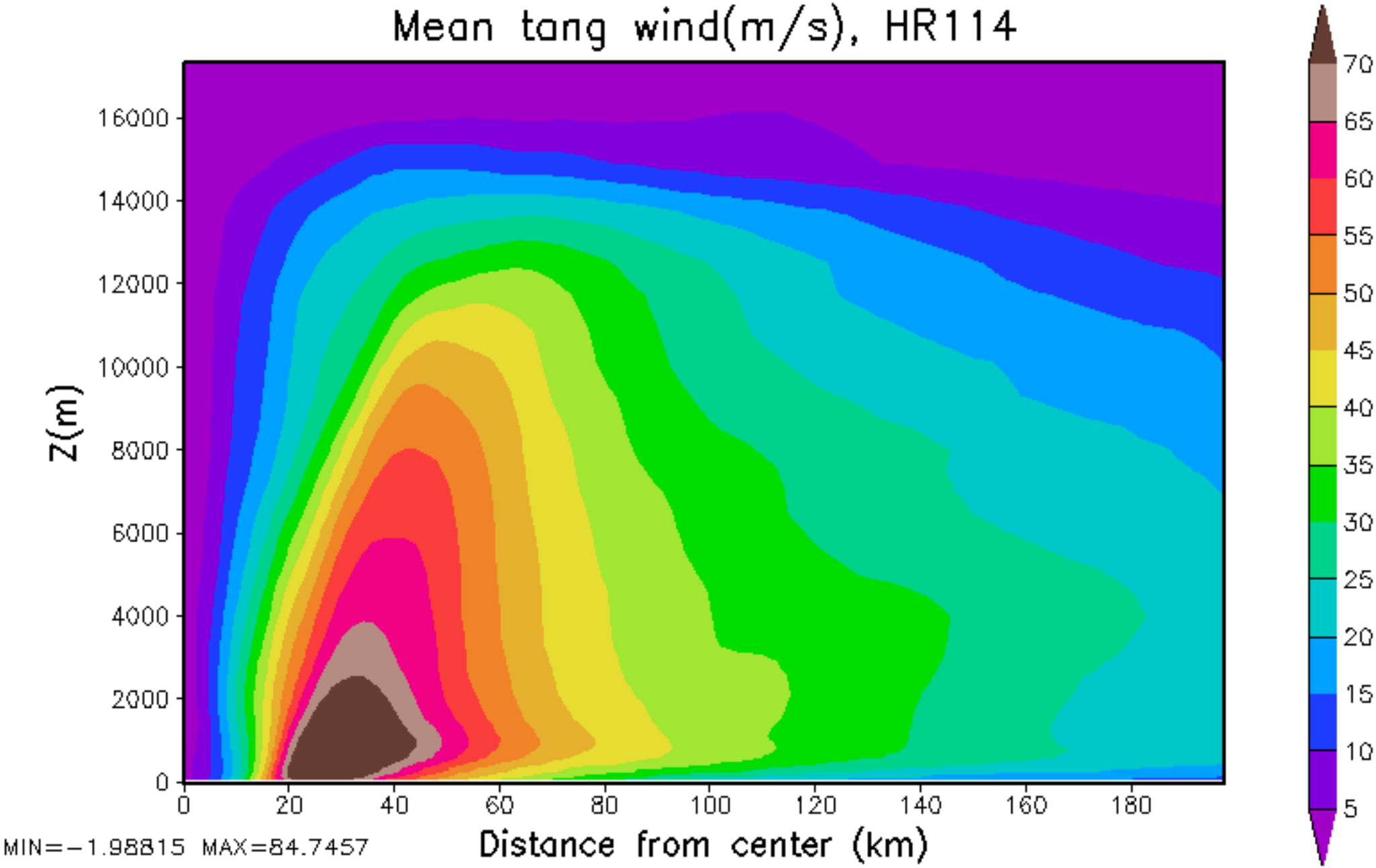
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR114
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-1.98815 MAX=84.7457
70
65
60
55
50
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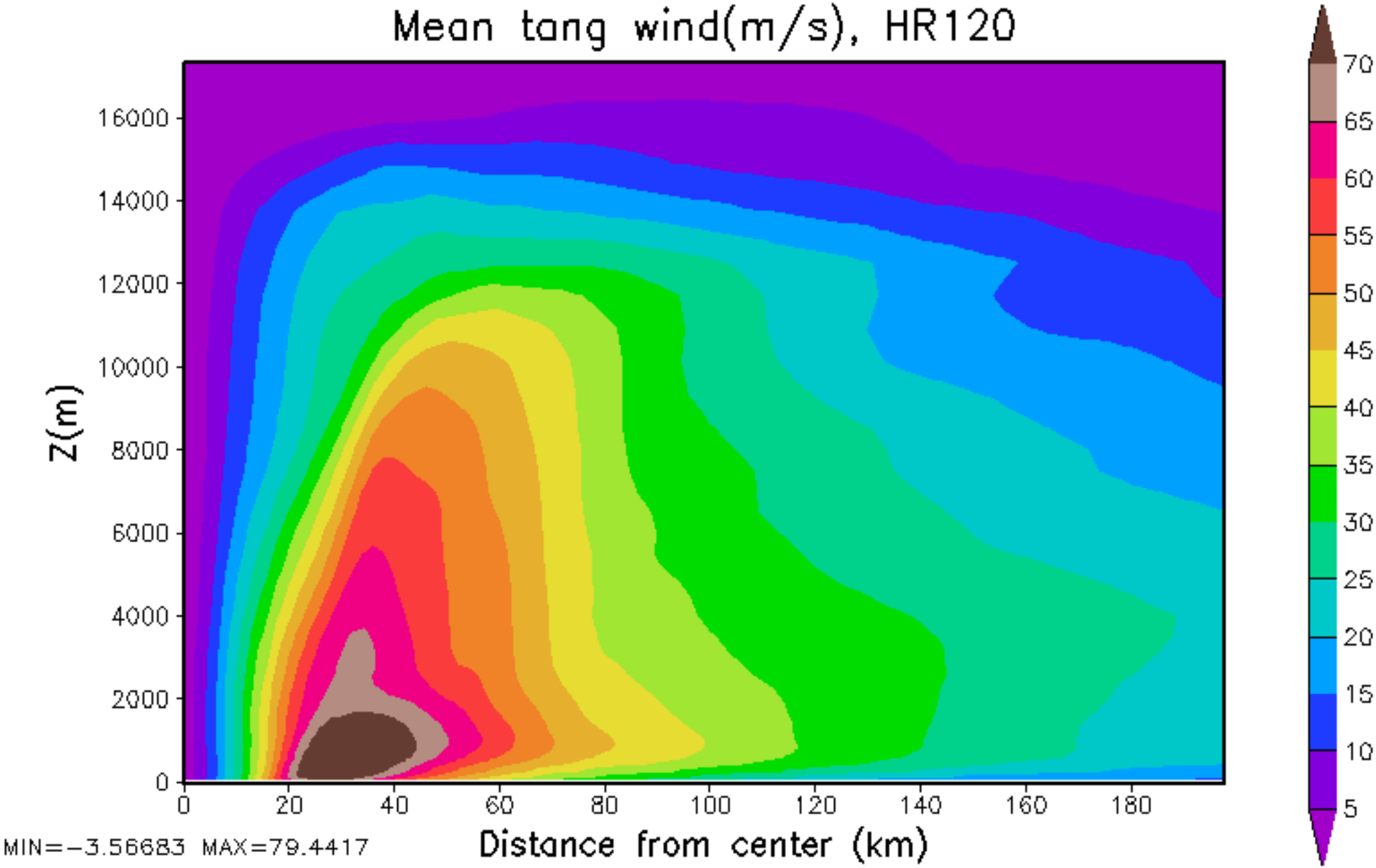
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR120
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-3.56683 MAX=79.4417
70
65
60
55
50
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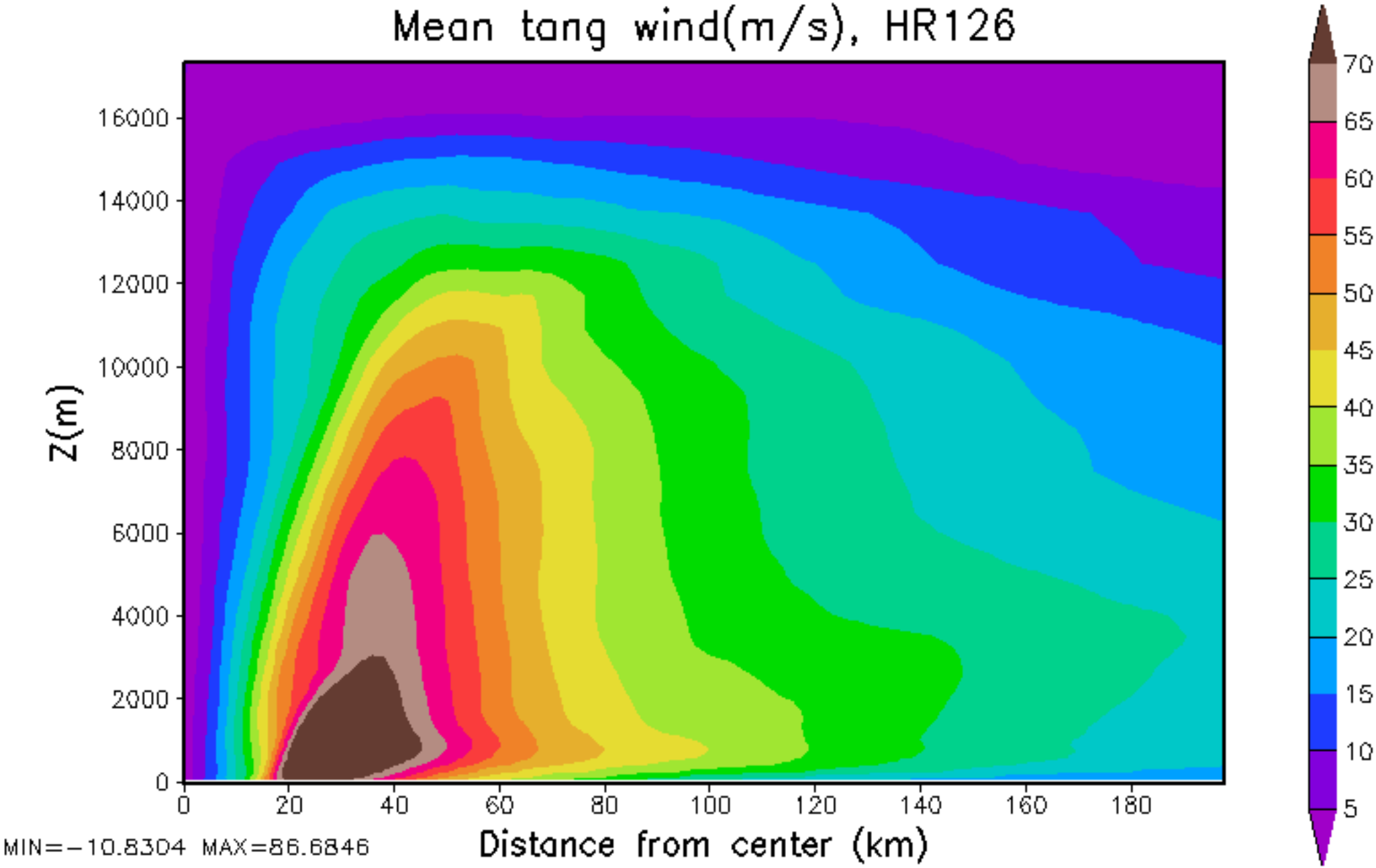
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR126
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-10.8304 MAX=86.6846
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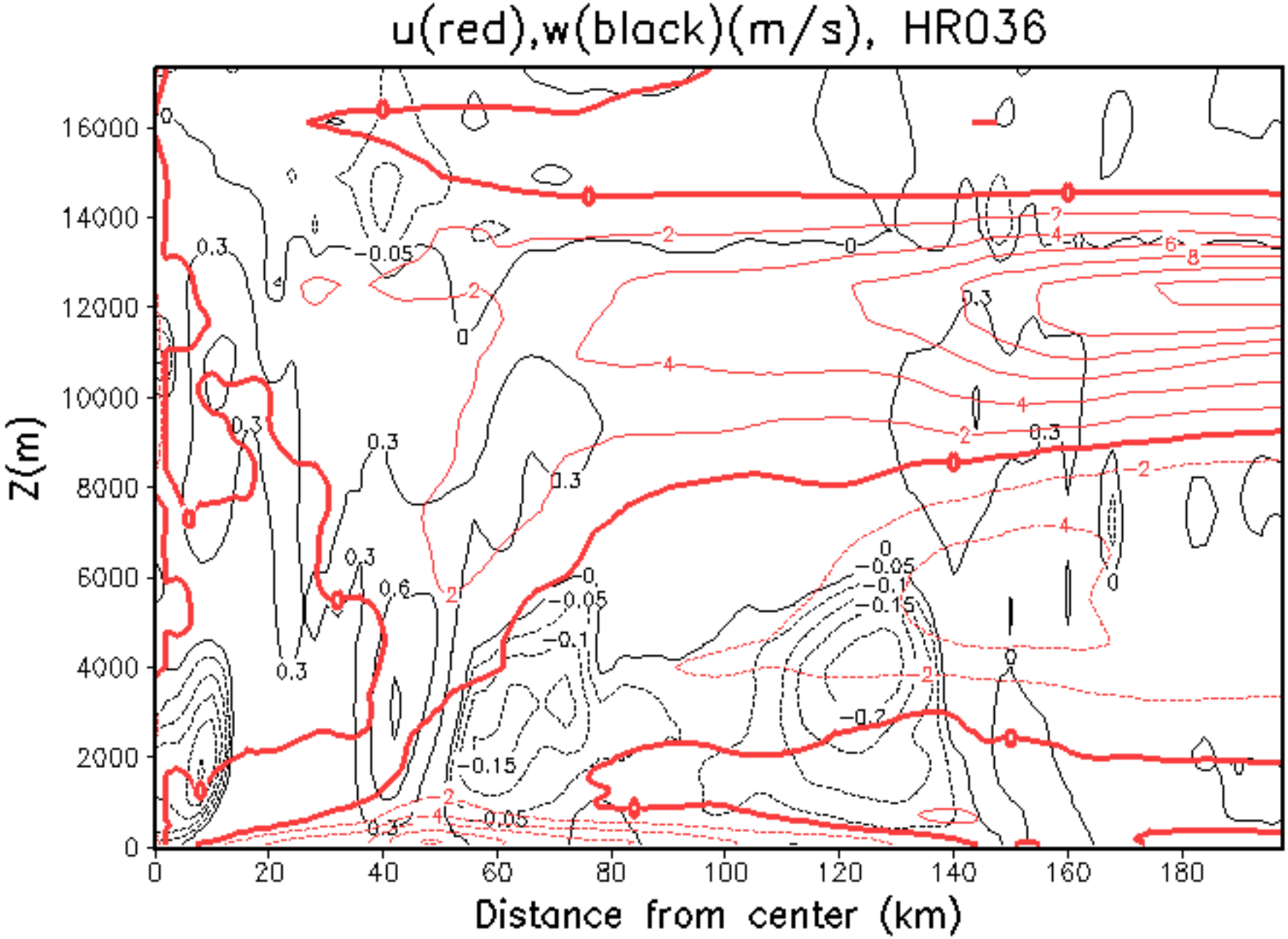
40
35
30
25
20
15
10
5


u(red),w(black)(m/s), HR036
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
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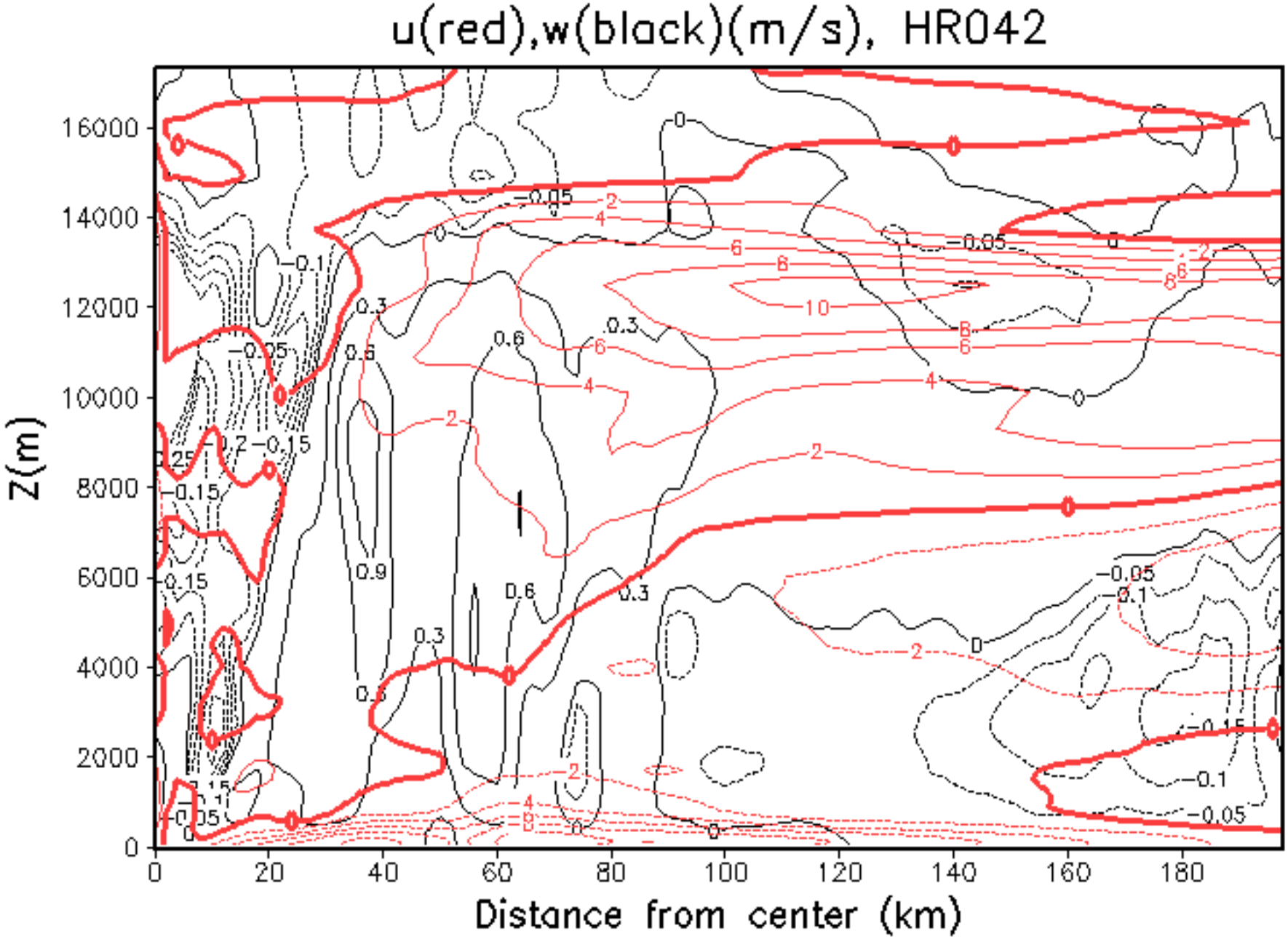
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR042
Z(m)
Distance from center (km)
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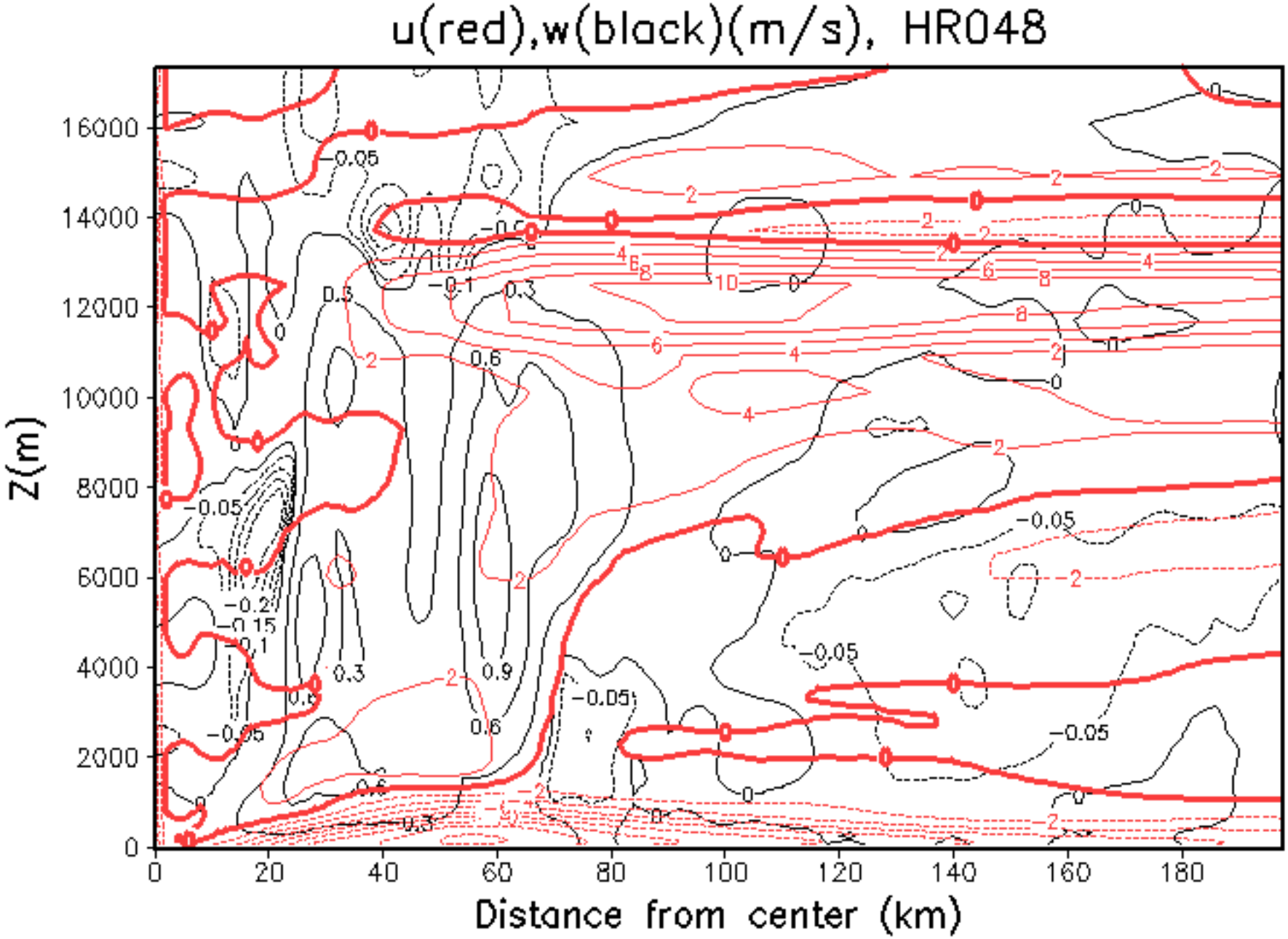
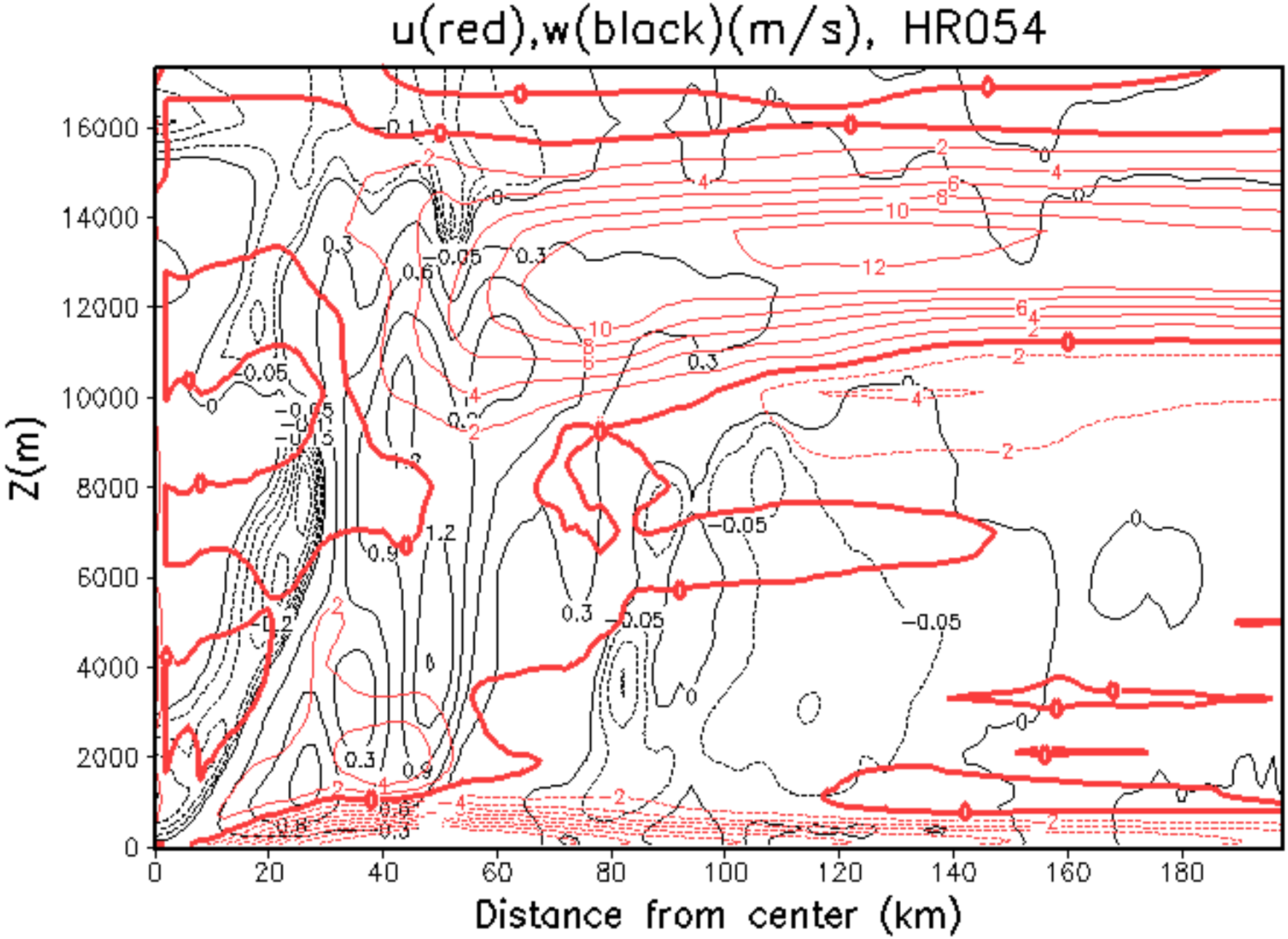
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR048
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR054
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
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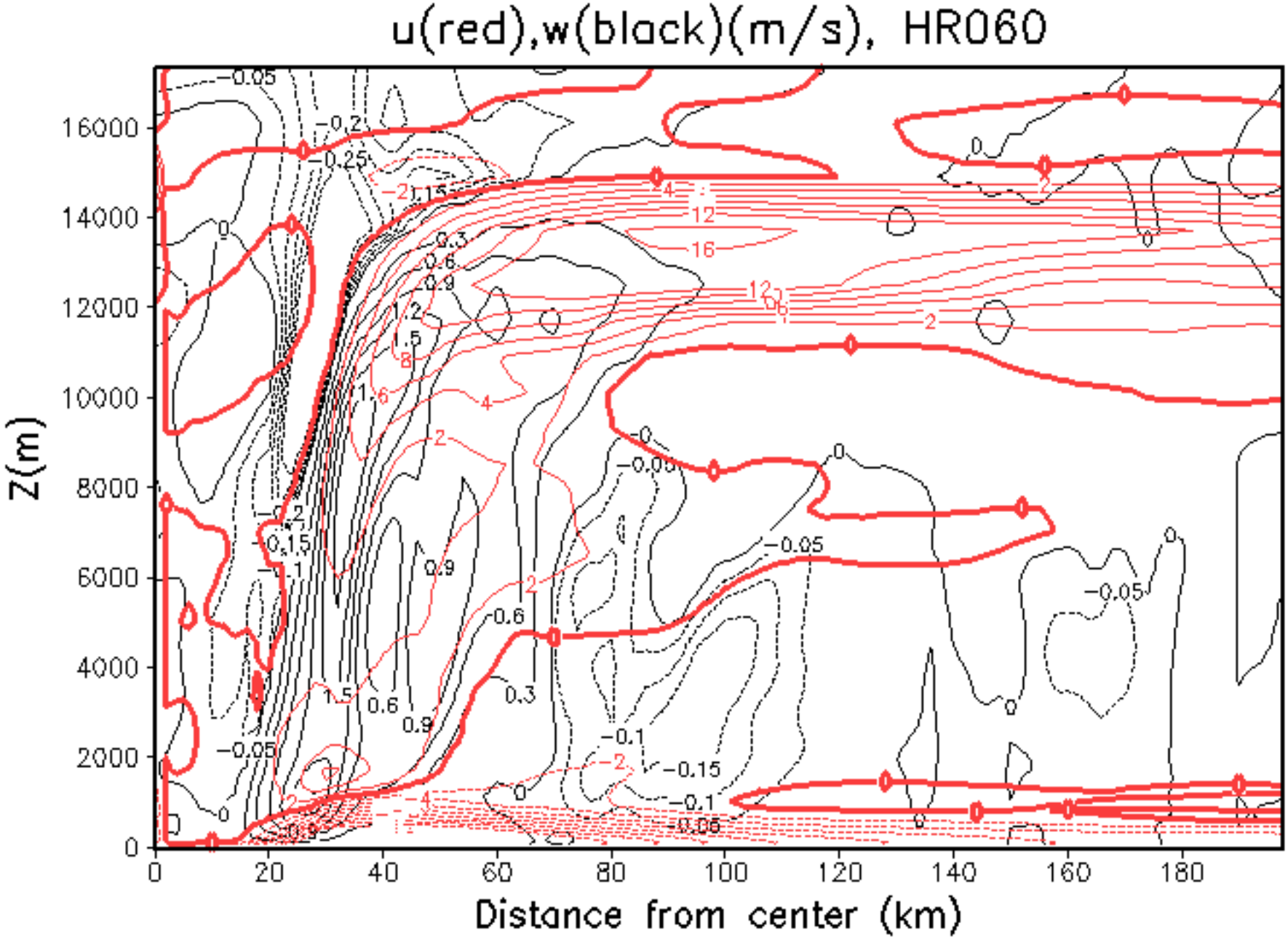
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR060
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
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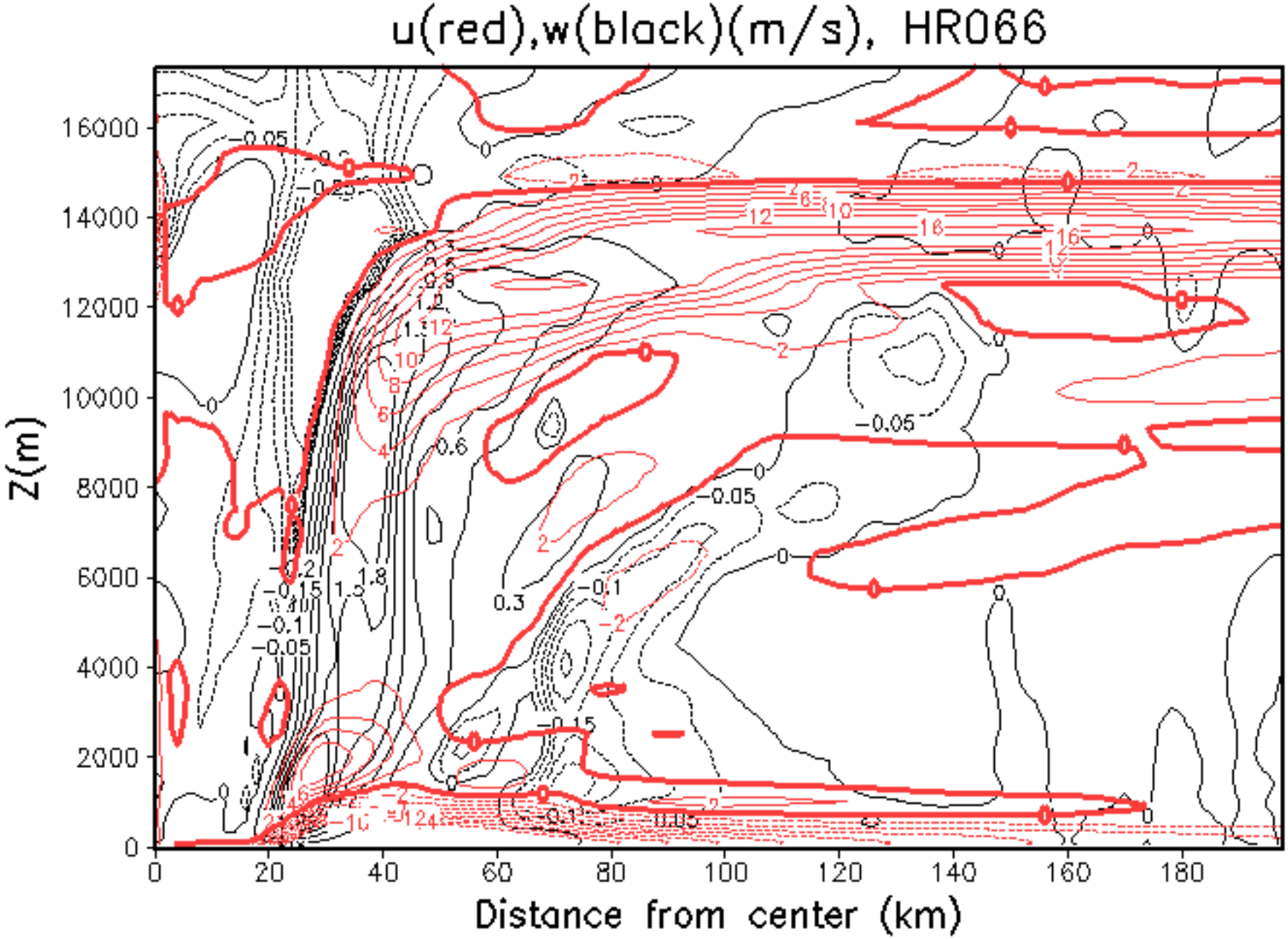
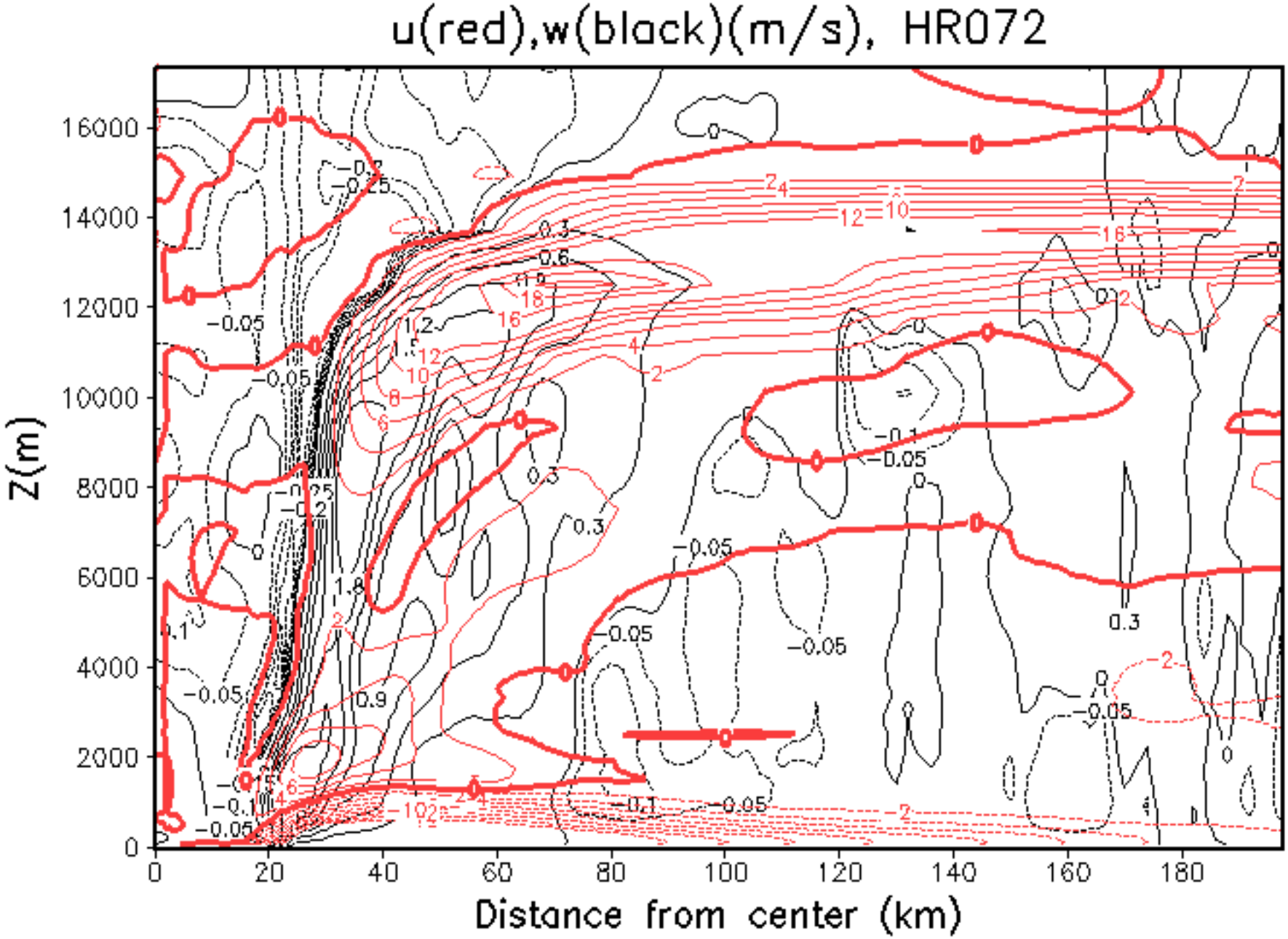
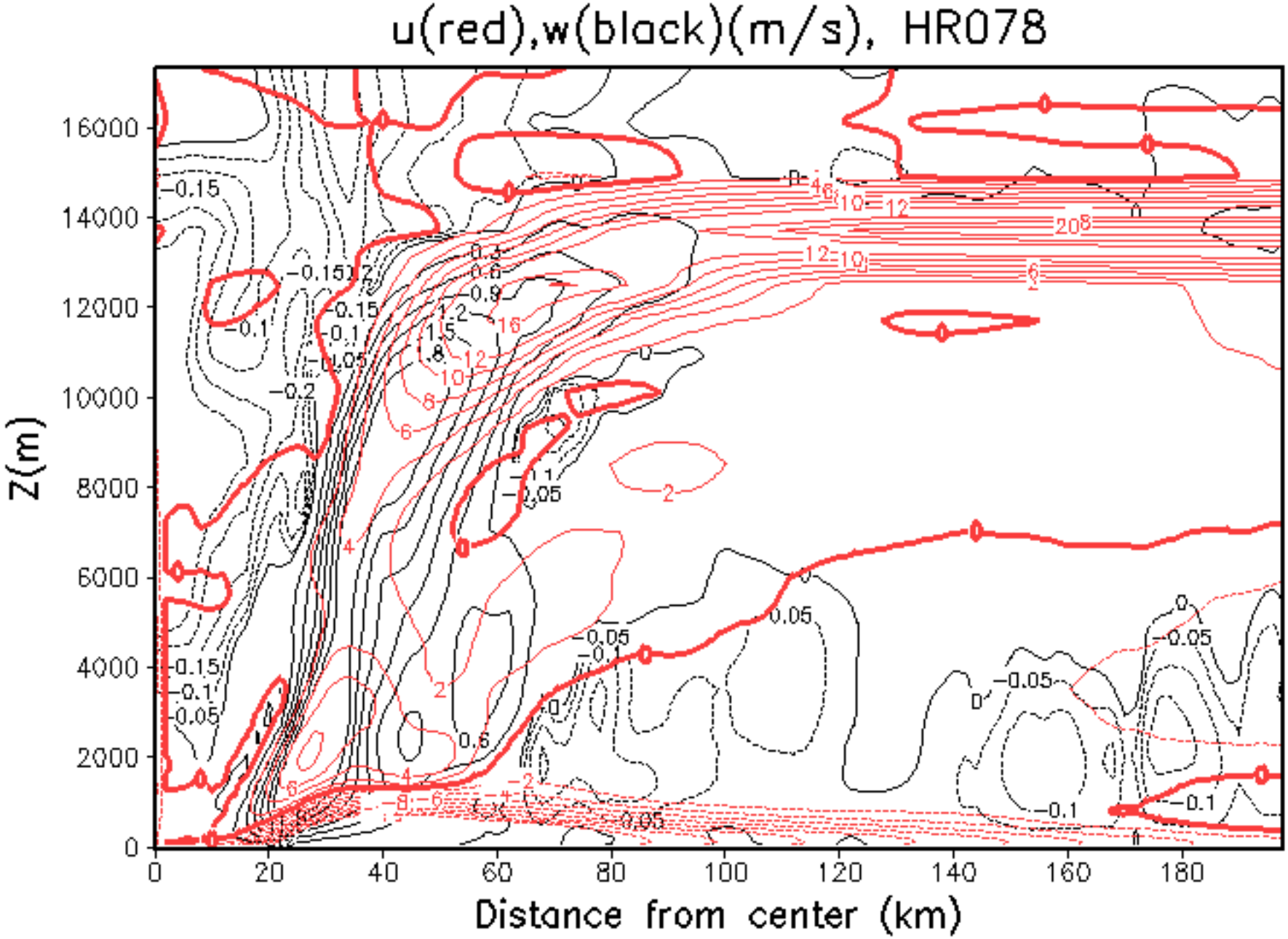
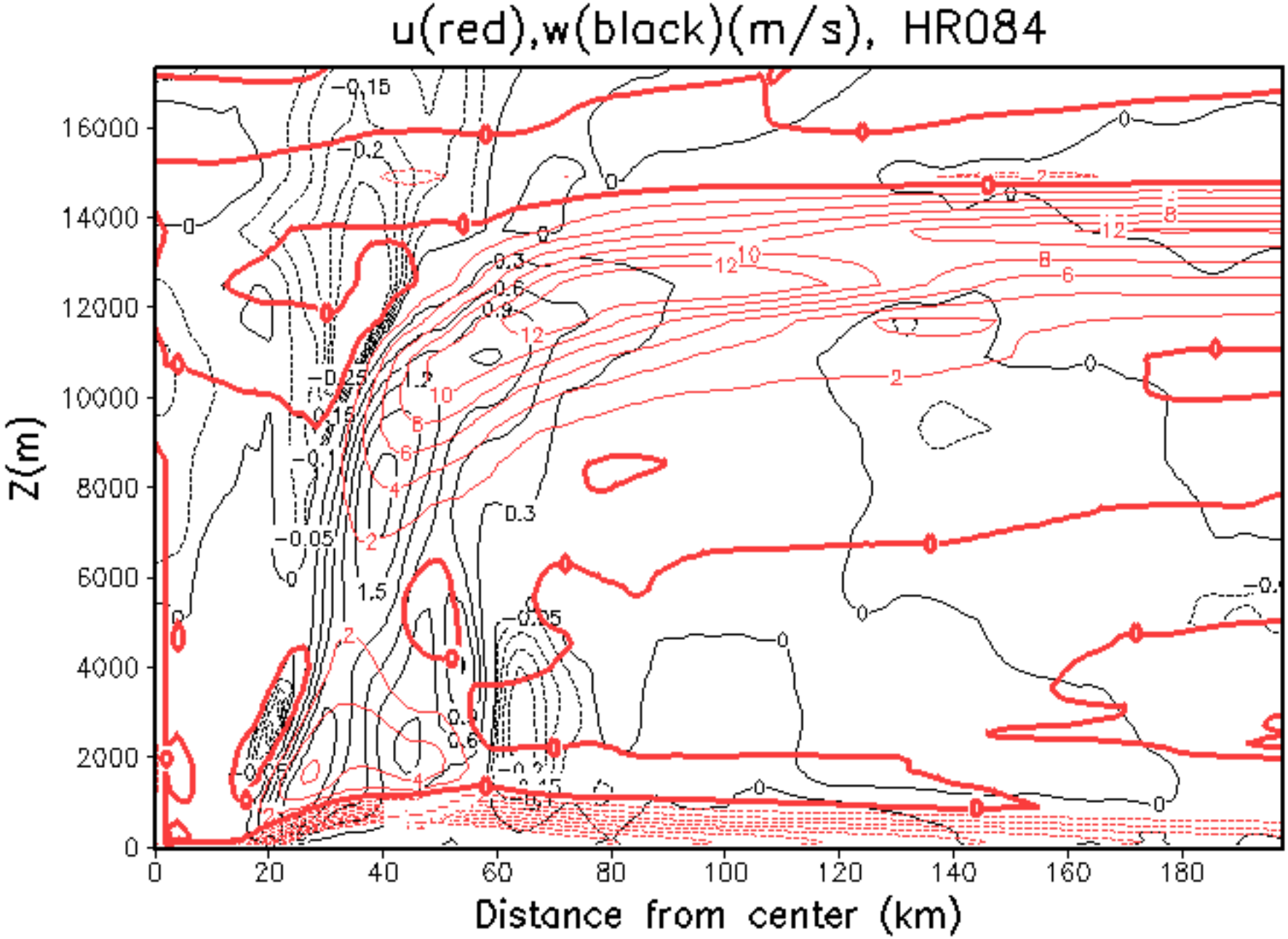
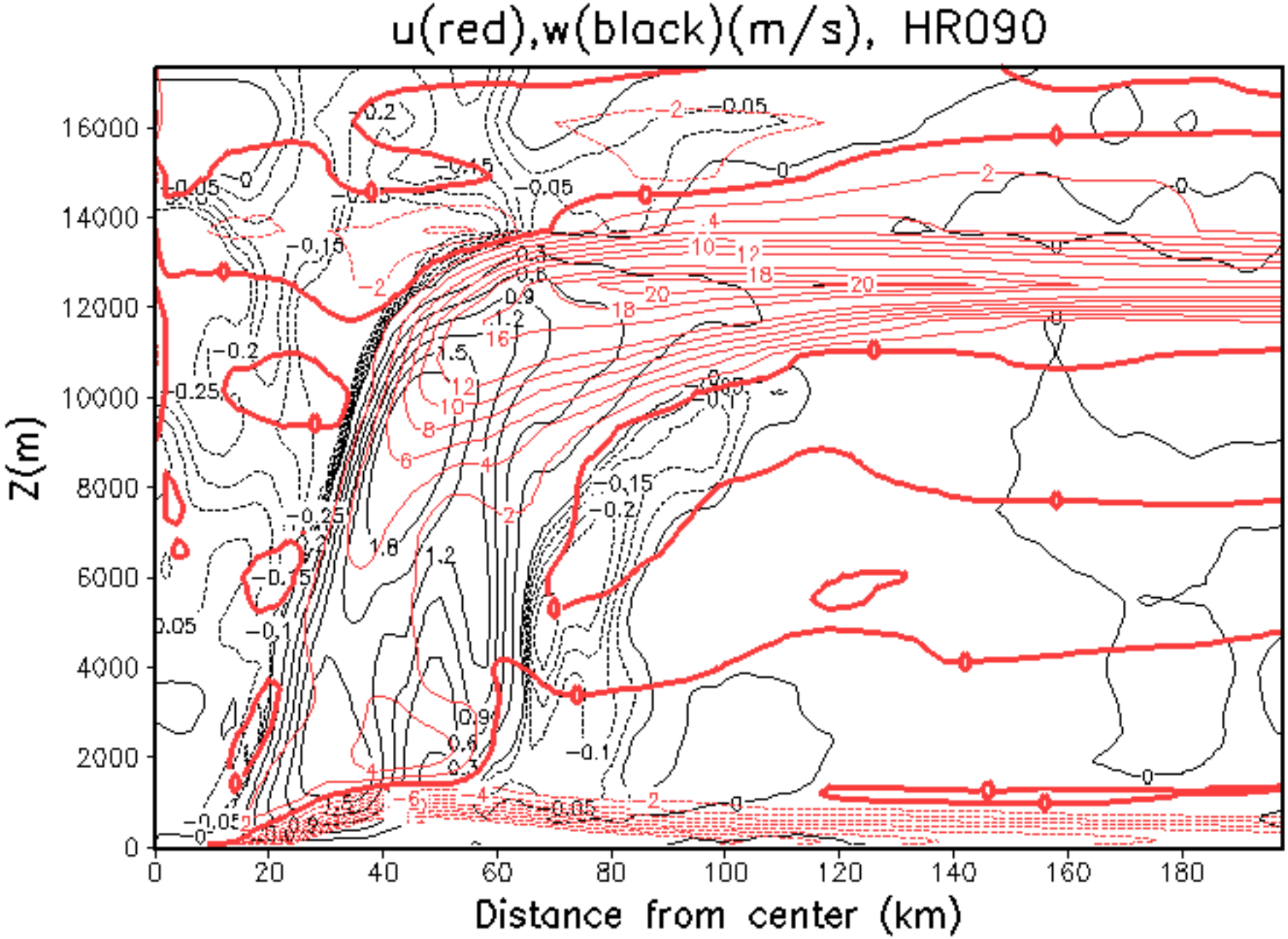
40
60
80
100
120
140
160
180

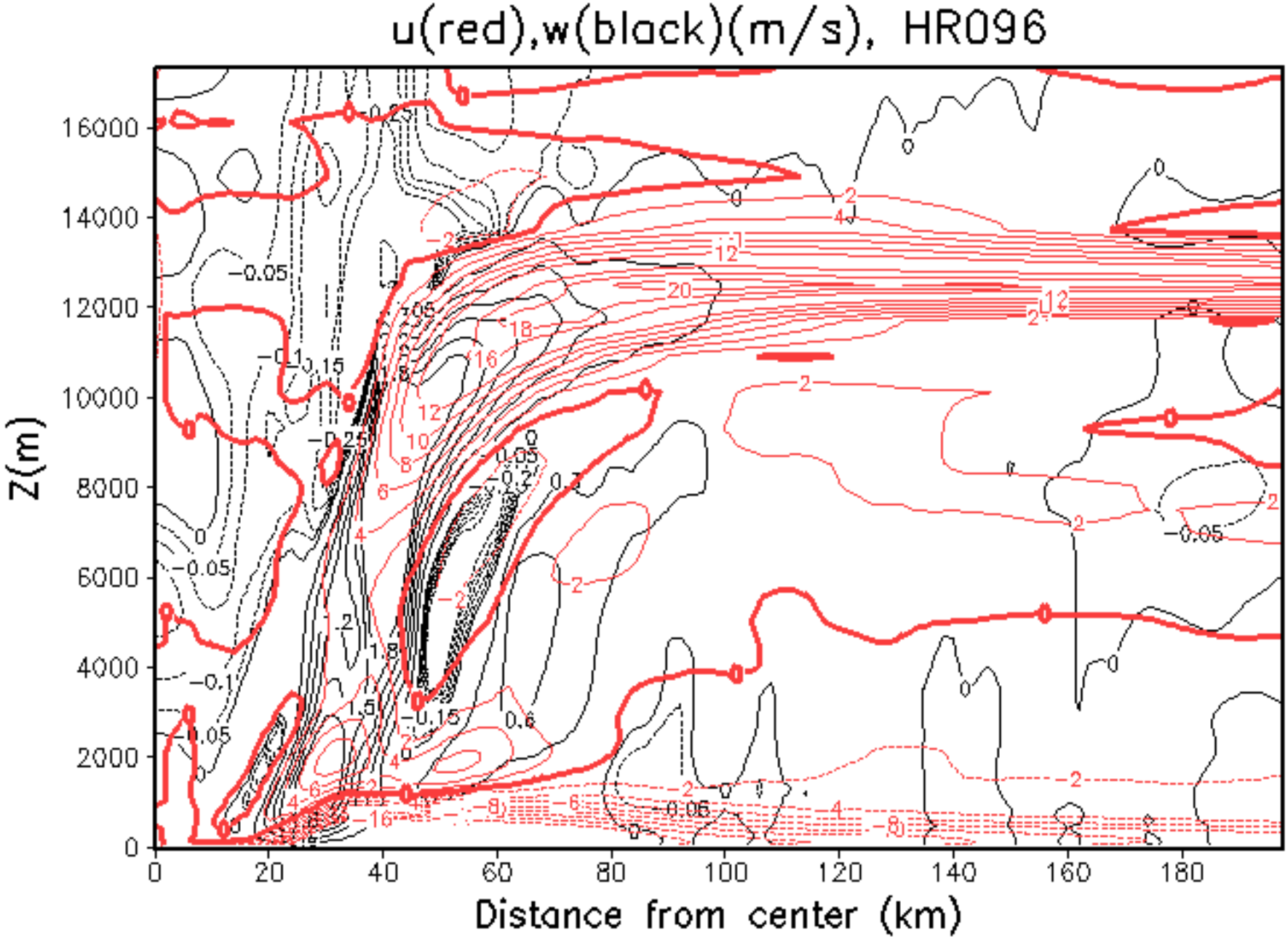

u(red),w(black)(m/s), HR066
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

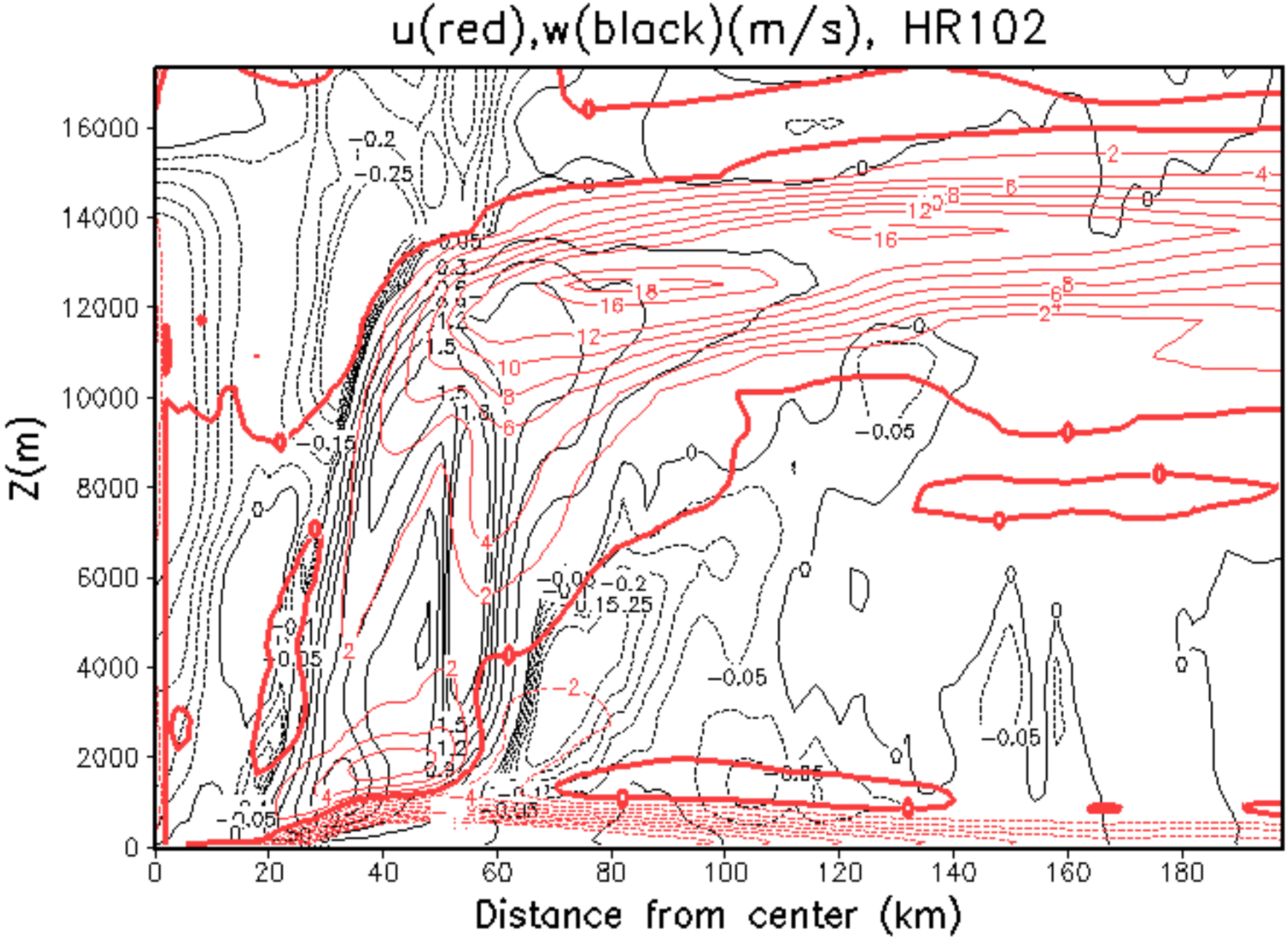

u(red),w(black)(m/s), HR072
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

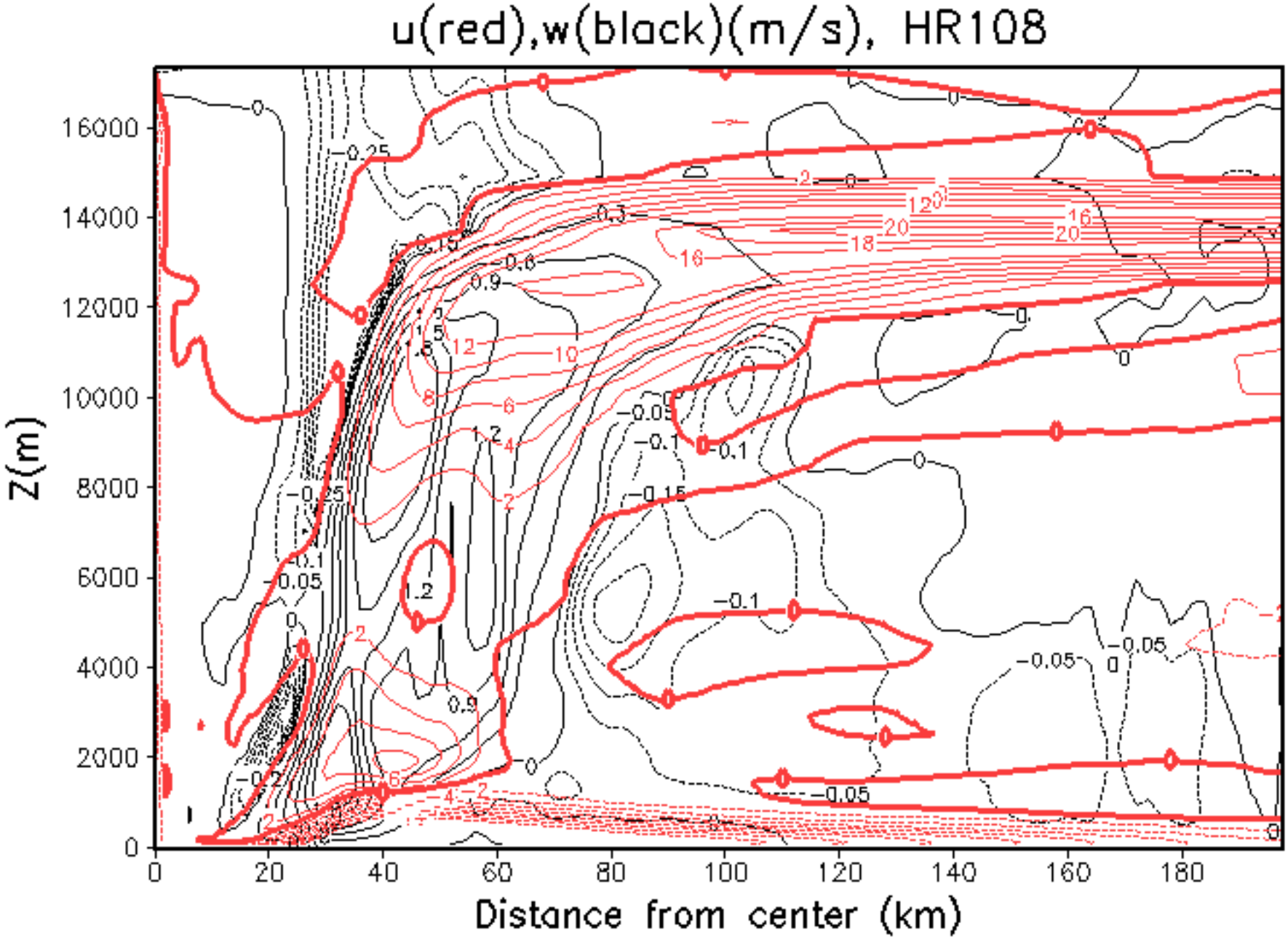

u(red),w(black)(m/s), HR078
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180

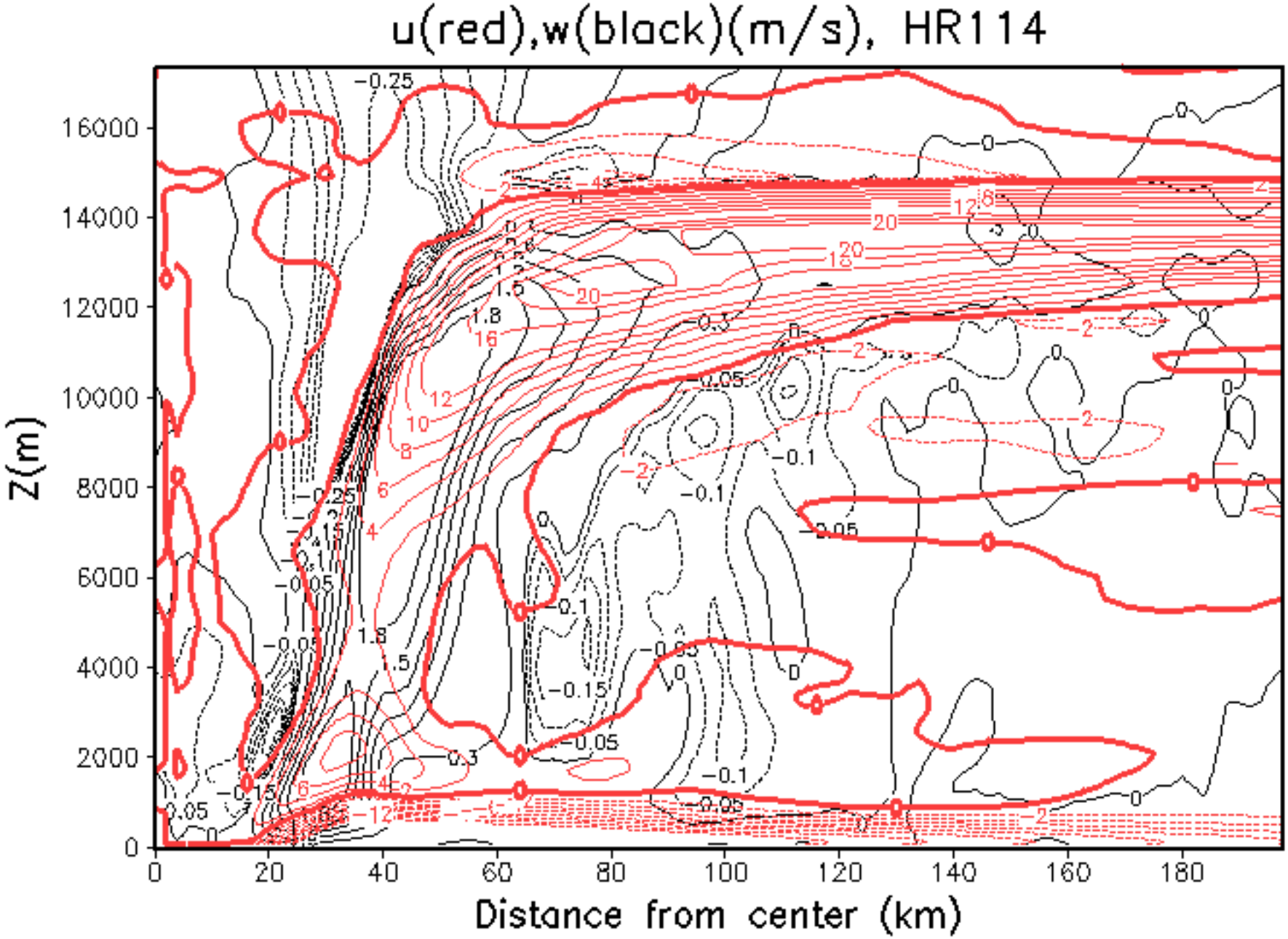

u(red),w(black)(m/s), HR084
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR090
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR096
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR102
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR108
Z(m)
Distance from center (km)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR114
Z(m)
Distance from center (km)
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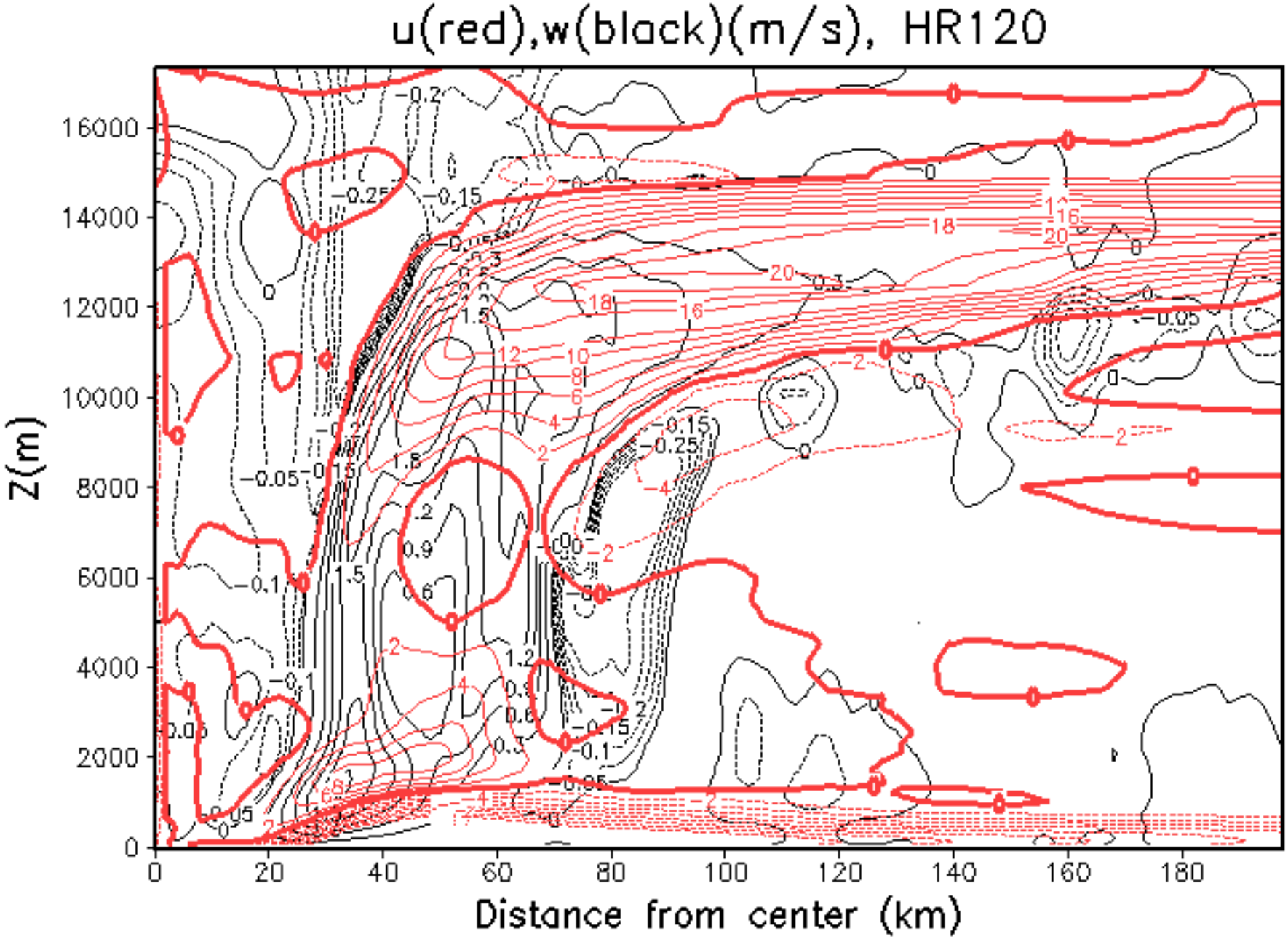
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR120
Z(m)
Distance from center (km)
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6000
8000
10000
12000
14000
16000
0
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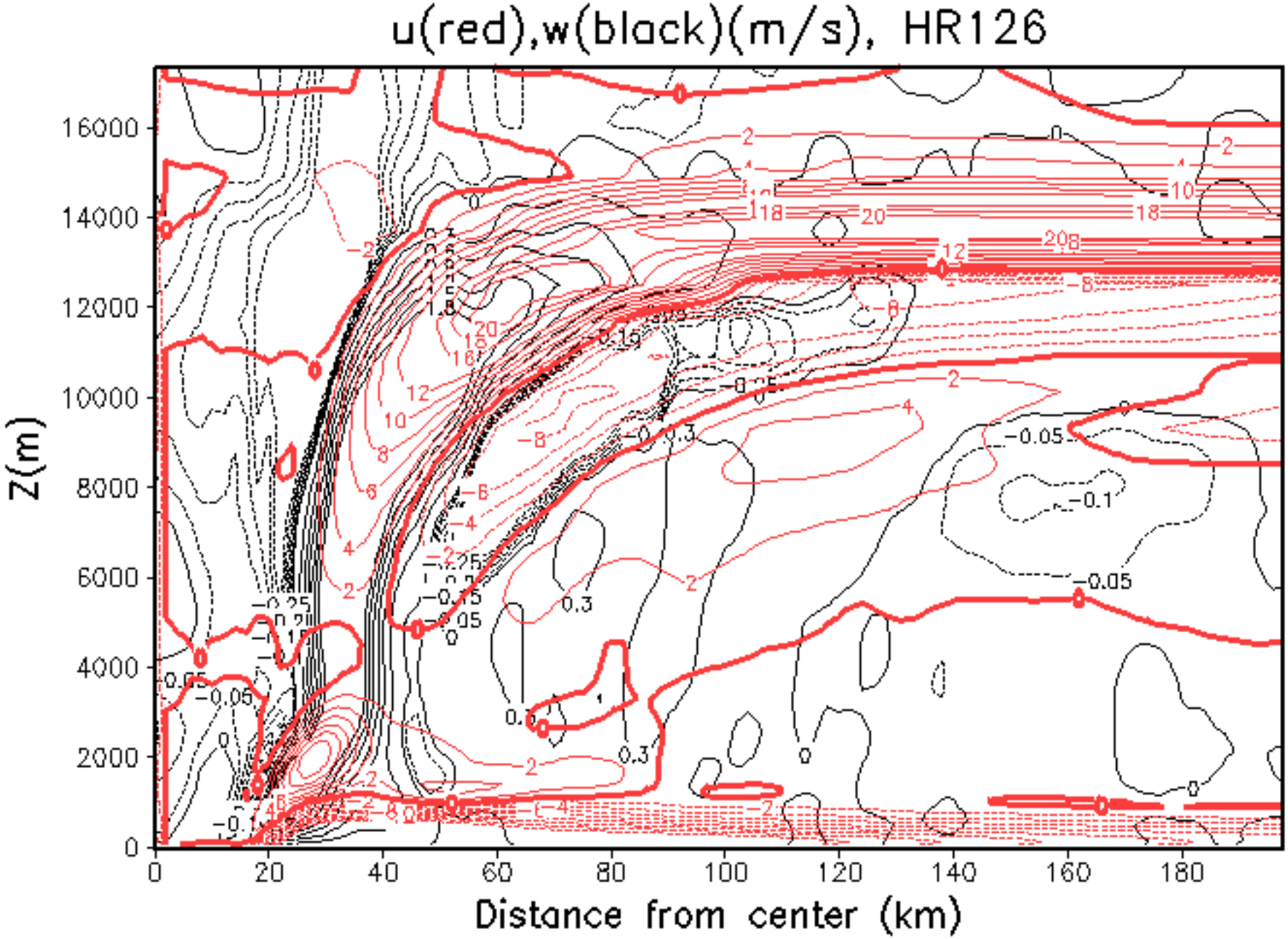
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR126
Z(m)
Distance from center (km)
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180