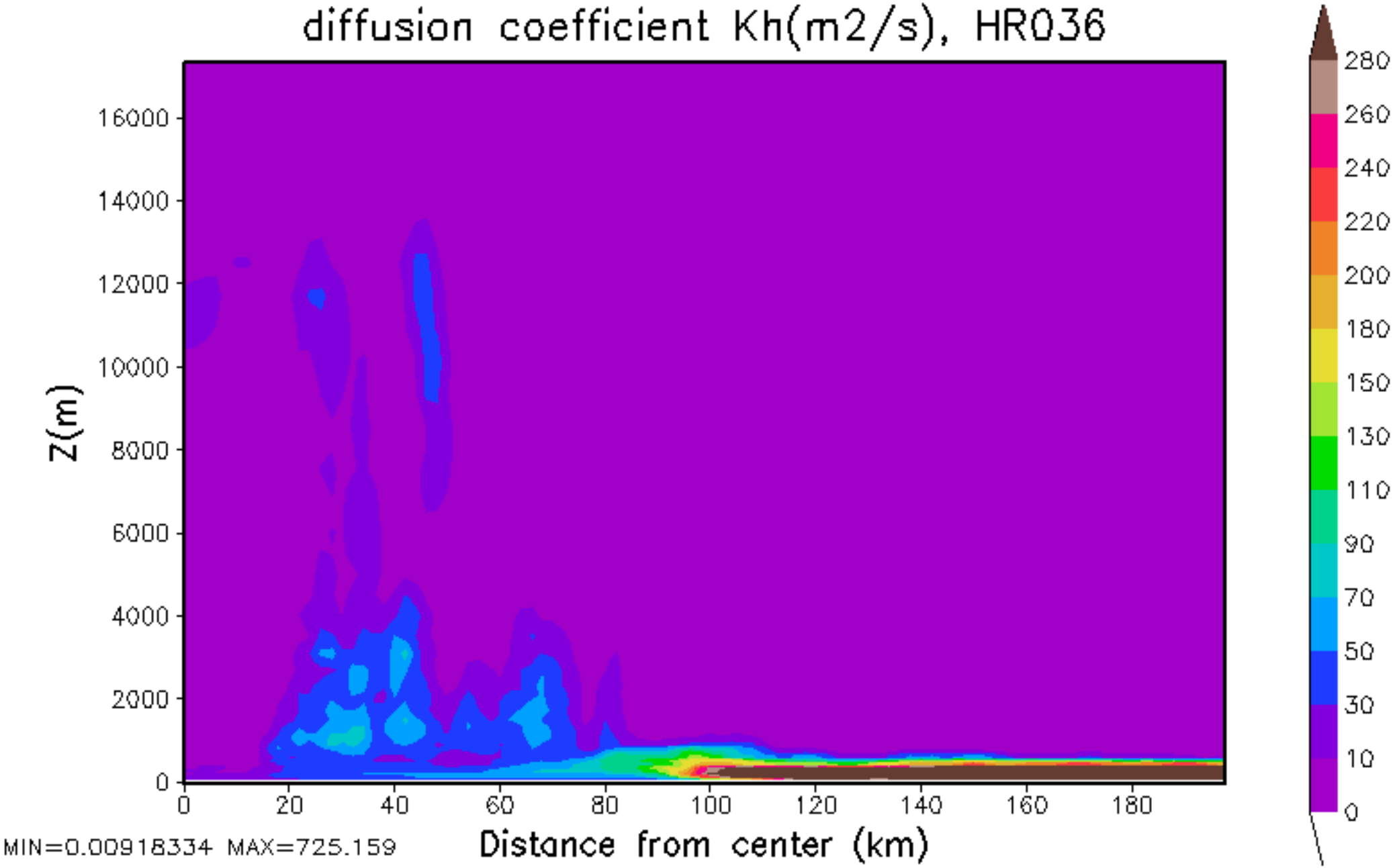
diffusion coefficient Kh(m2/s), HR036
Z(m)
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14000
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8000
6000
4000
2000
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0
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40
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80
100
120
140
160
180
Distance from center (km)
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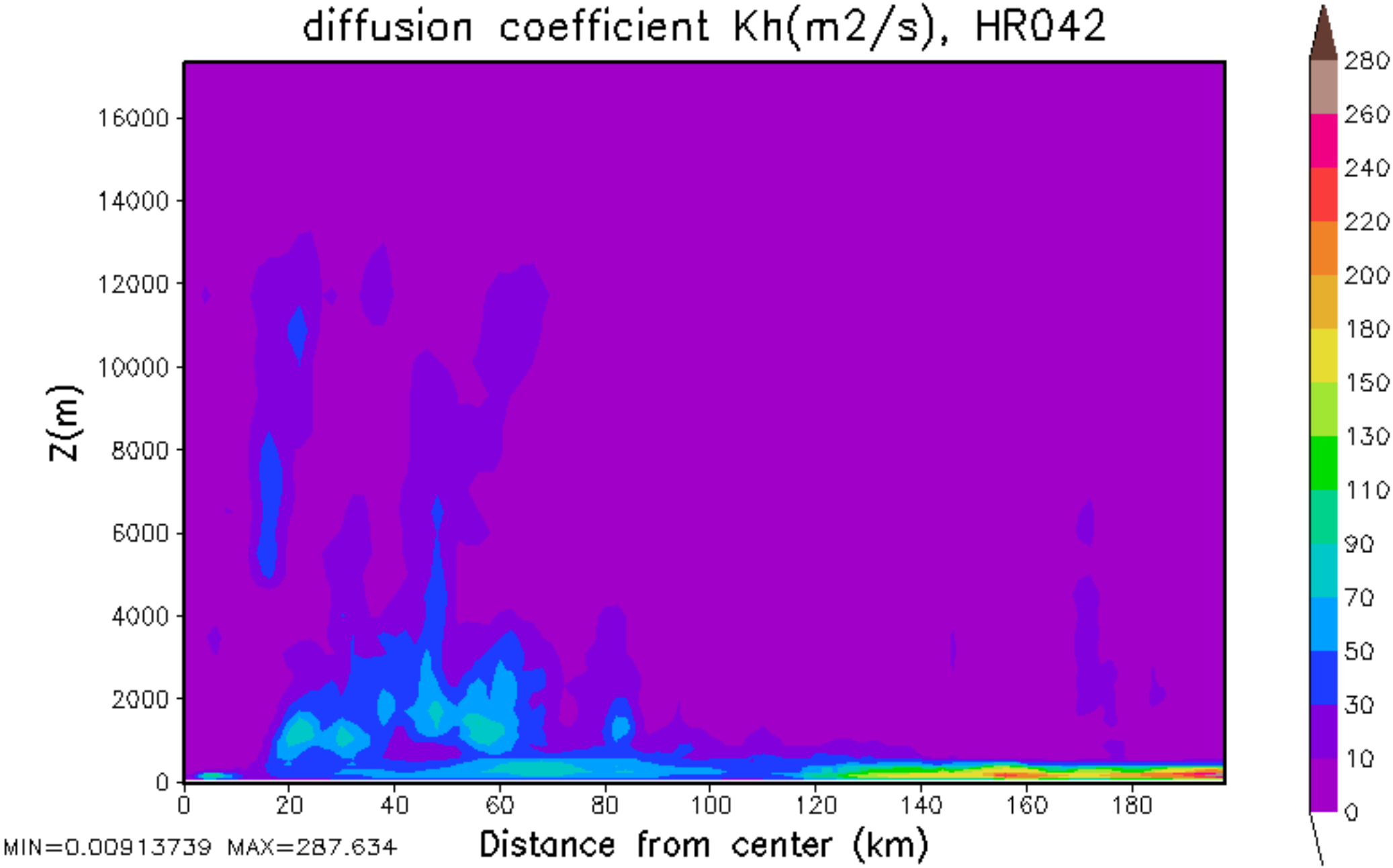
diffusion coefficient Kh(m2/s), HR042
Z(m)
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8000
6000
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0
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40
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00913739 MAX=287.634
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260
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220
200
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130
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50
30
10
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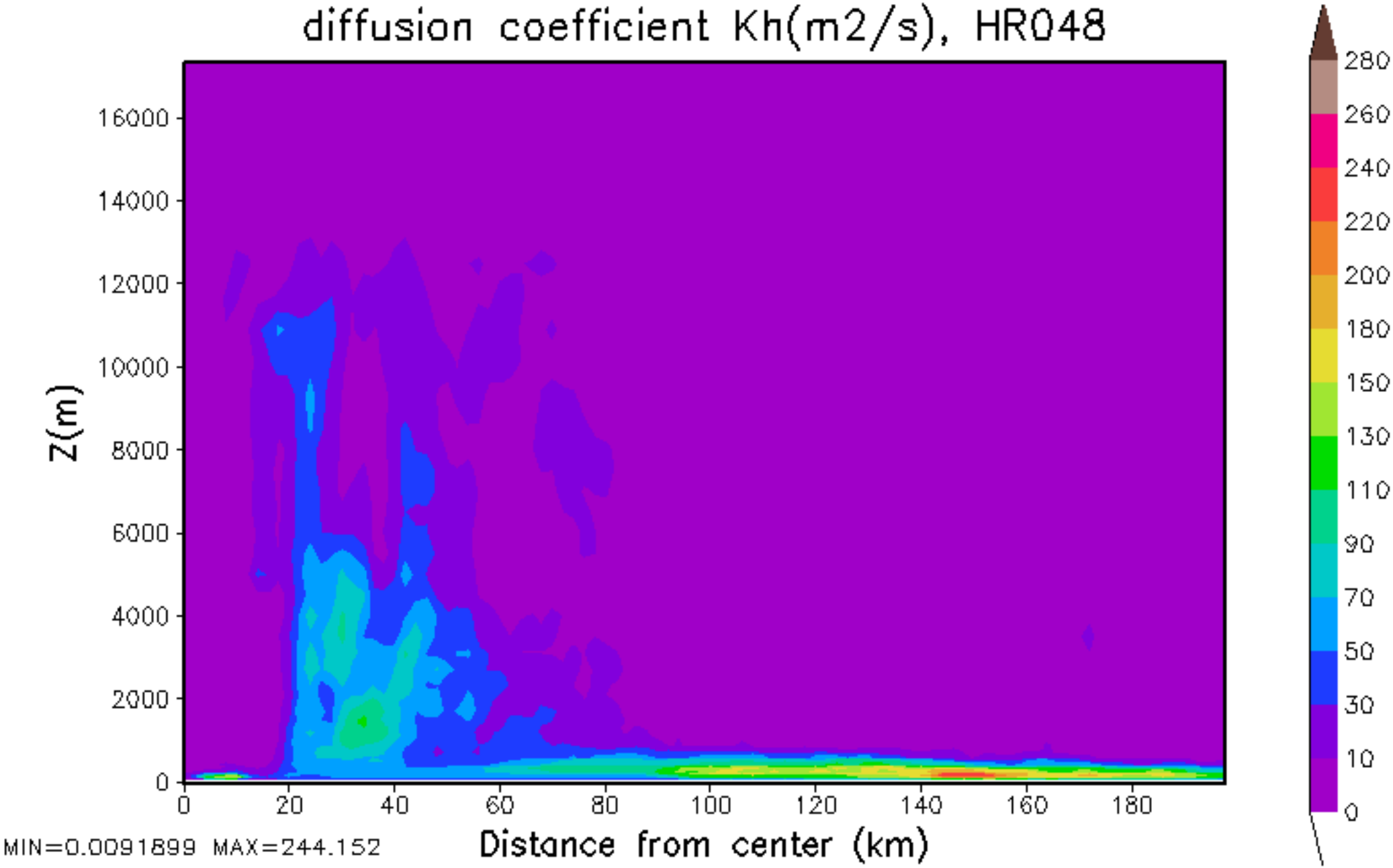
diffusion coefficient Kh(m2/s), HR048
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0091899 MAX=244.152
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260
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220
200
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130
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50
30
10
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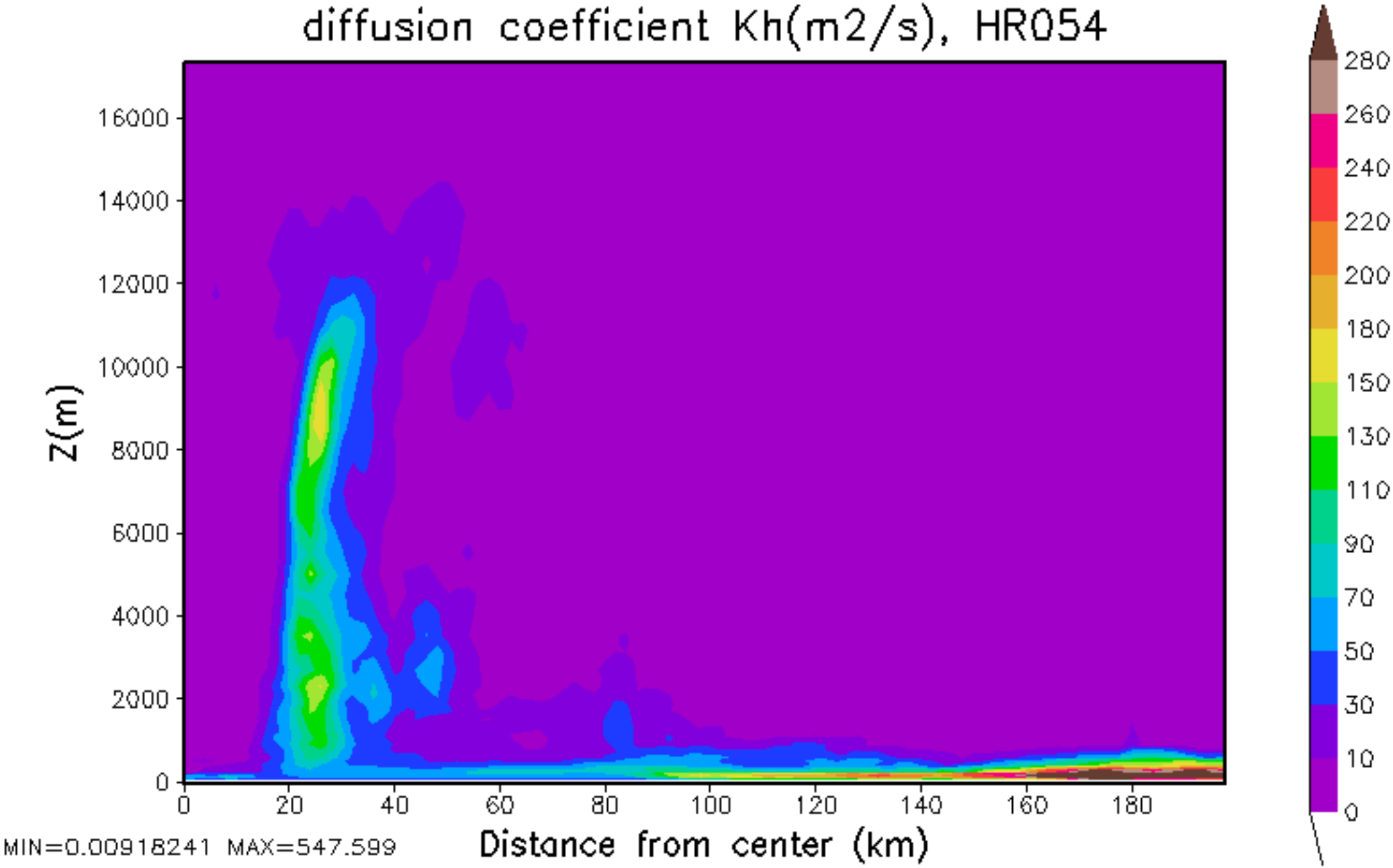
diffusion coefficient Kh(m2/s), HR054
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00918241 MAX=547.599
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220
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50
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10
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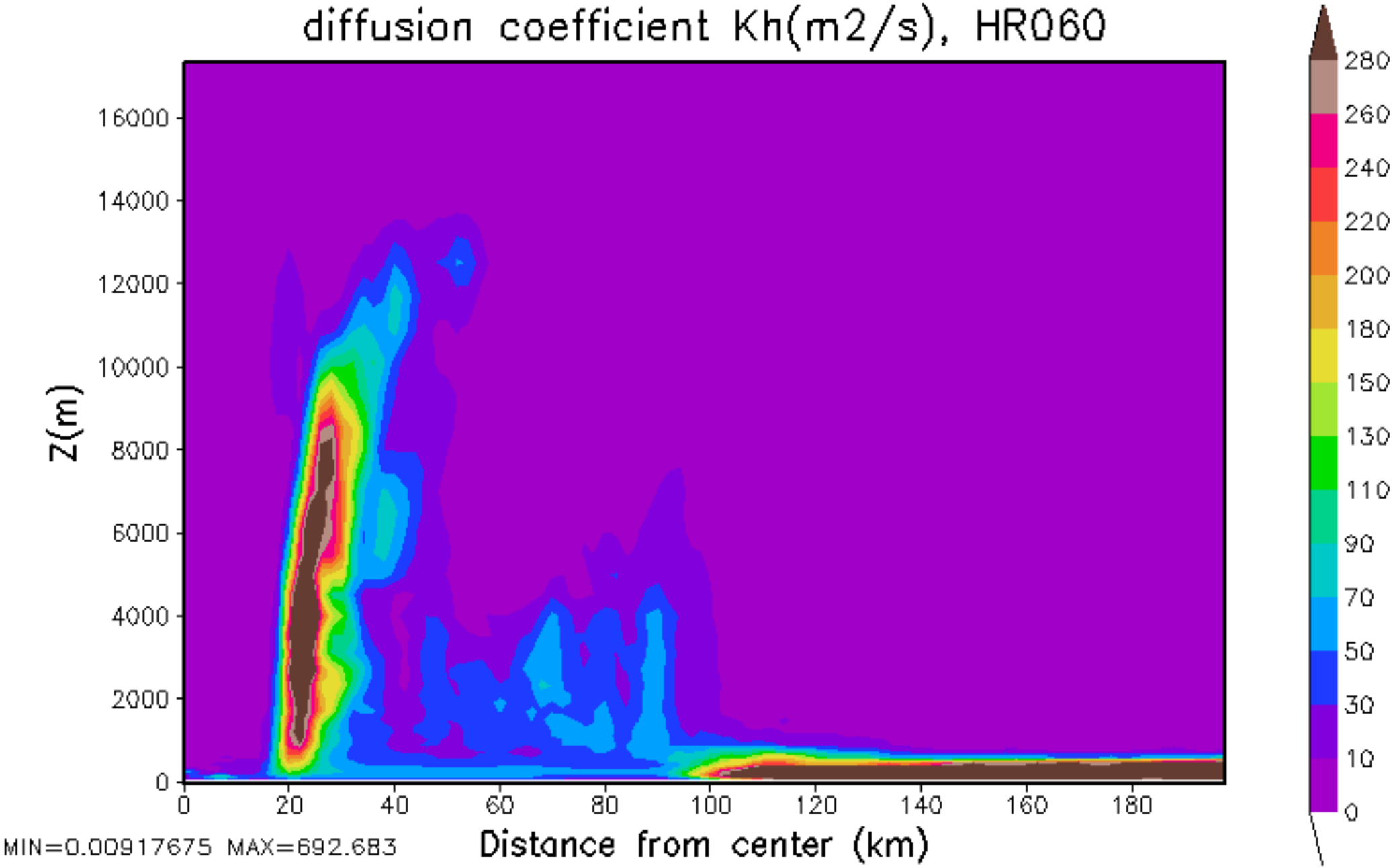
diffusion coefficient Kh(m2/s), HR060
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917675 MAX=692.683
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180
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130
110
90
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50
30
10
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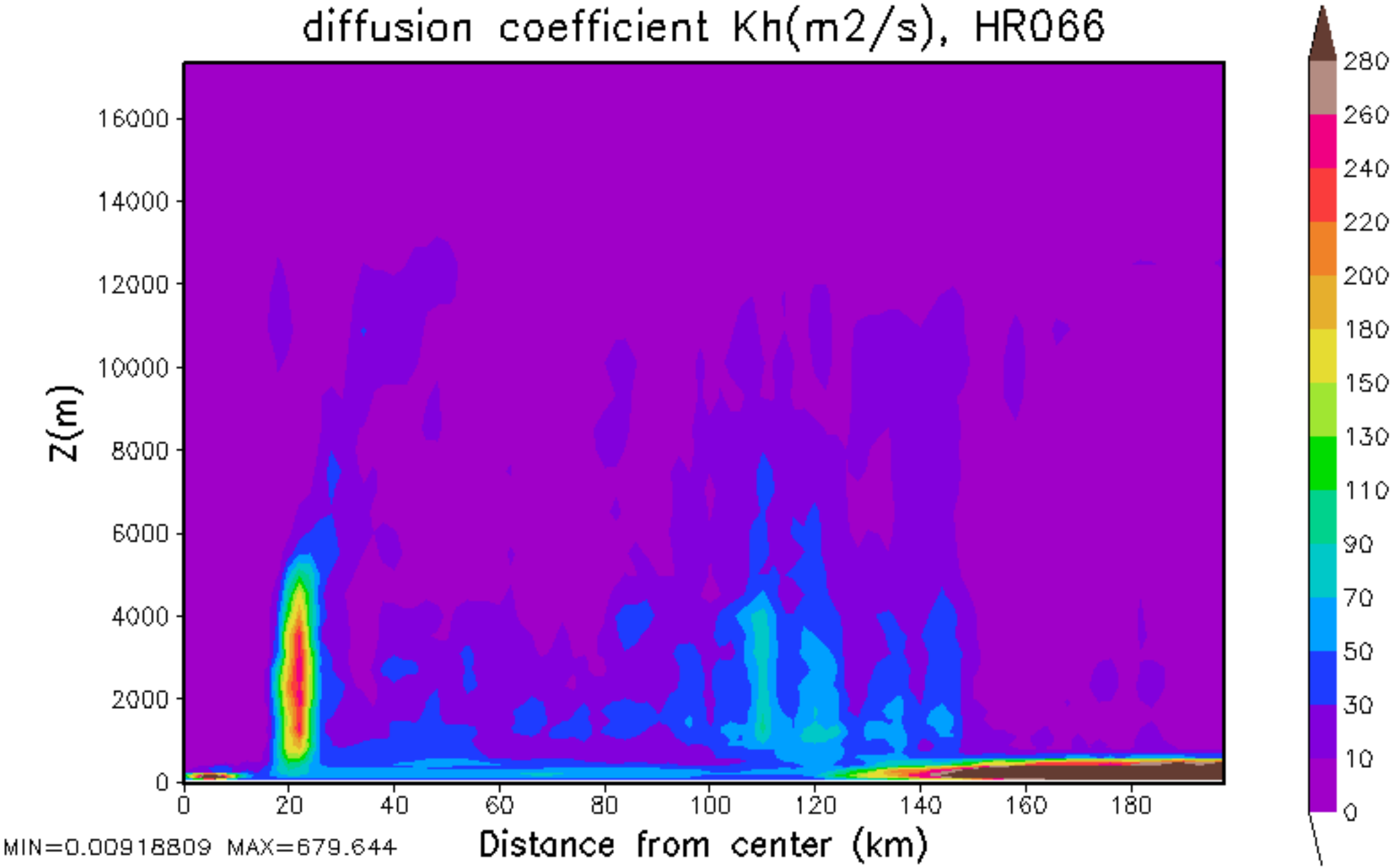
diffusion coefficient Kh(m2/s), HR066
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00918809 MAX=679.644
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260
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10
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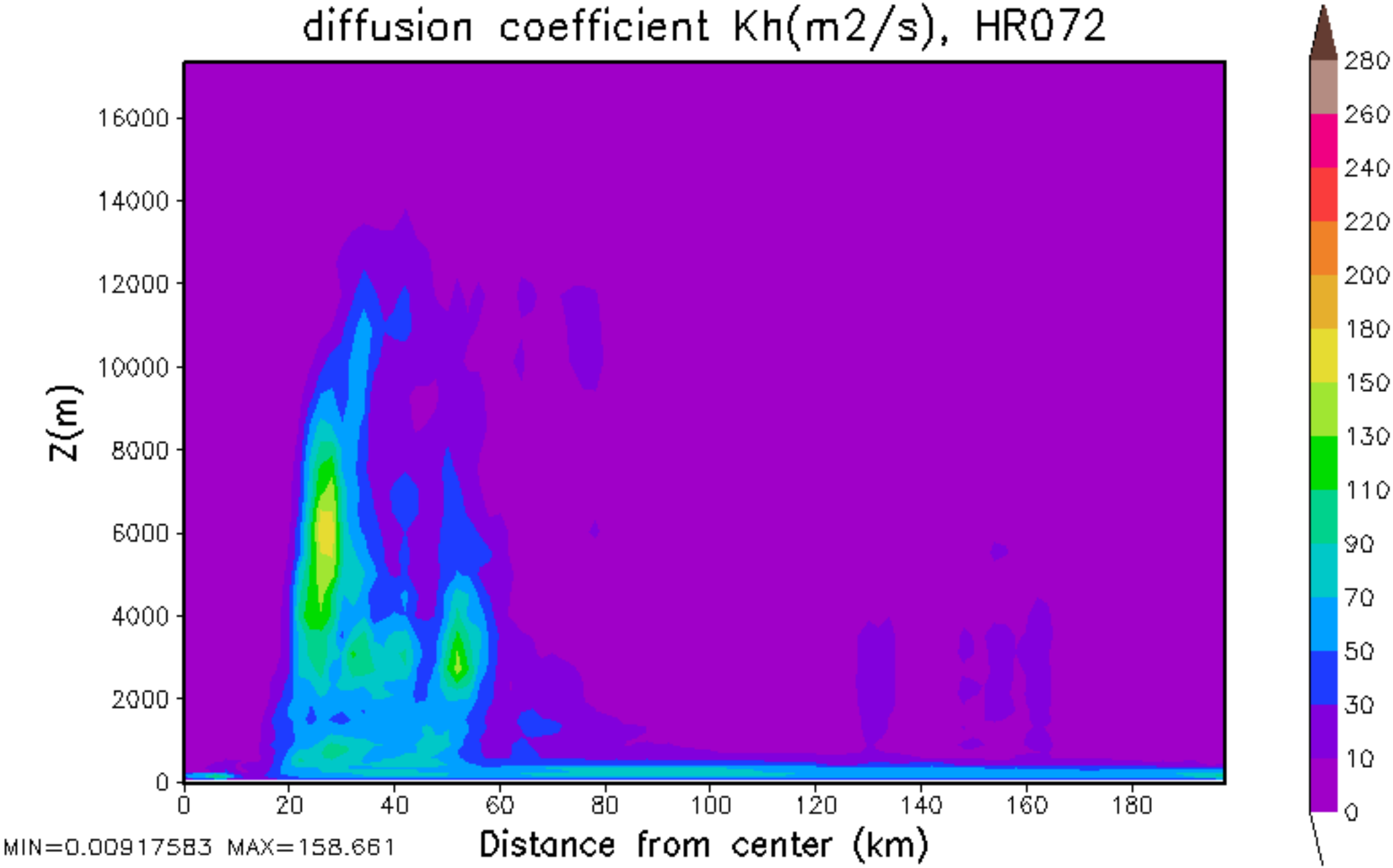
diffusion coefficient Kh(m2/s), HR072
Z(m)
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12000
10000
8000
6000
4000
2000
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00917583 MAX=158.661
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180
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50
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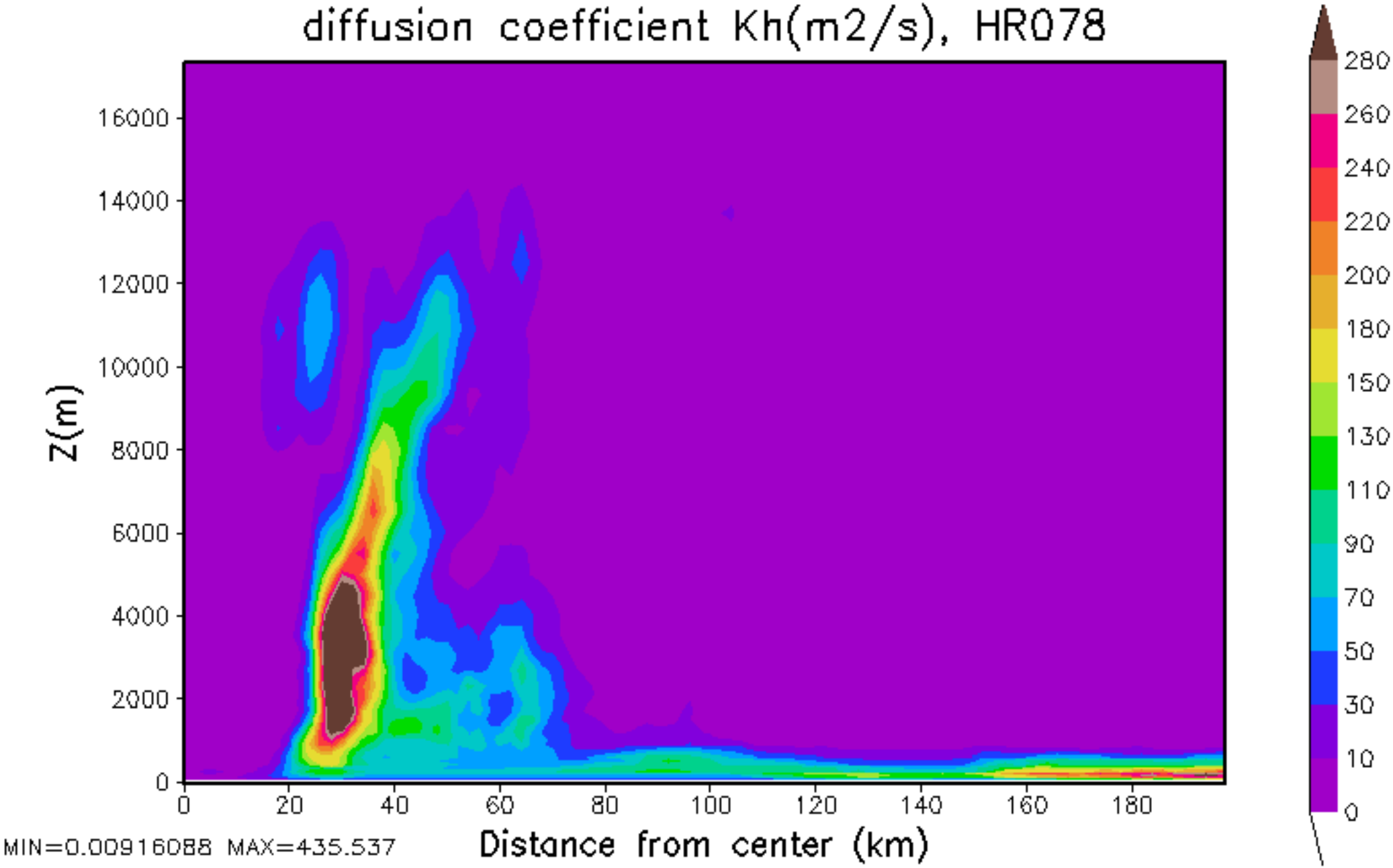
diffusion coefficient Kh(m2/s), HR078
Z(m)
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10000
8000
6000
4000
2000
0
0
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00916088 MAX=435.537
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130
110
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50
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10
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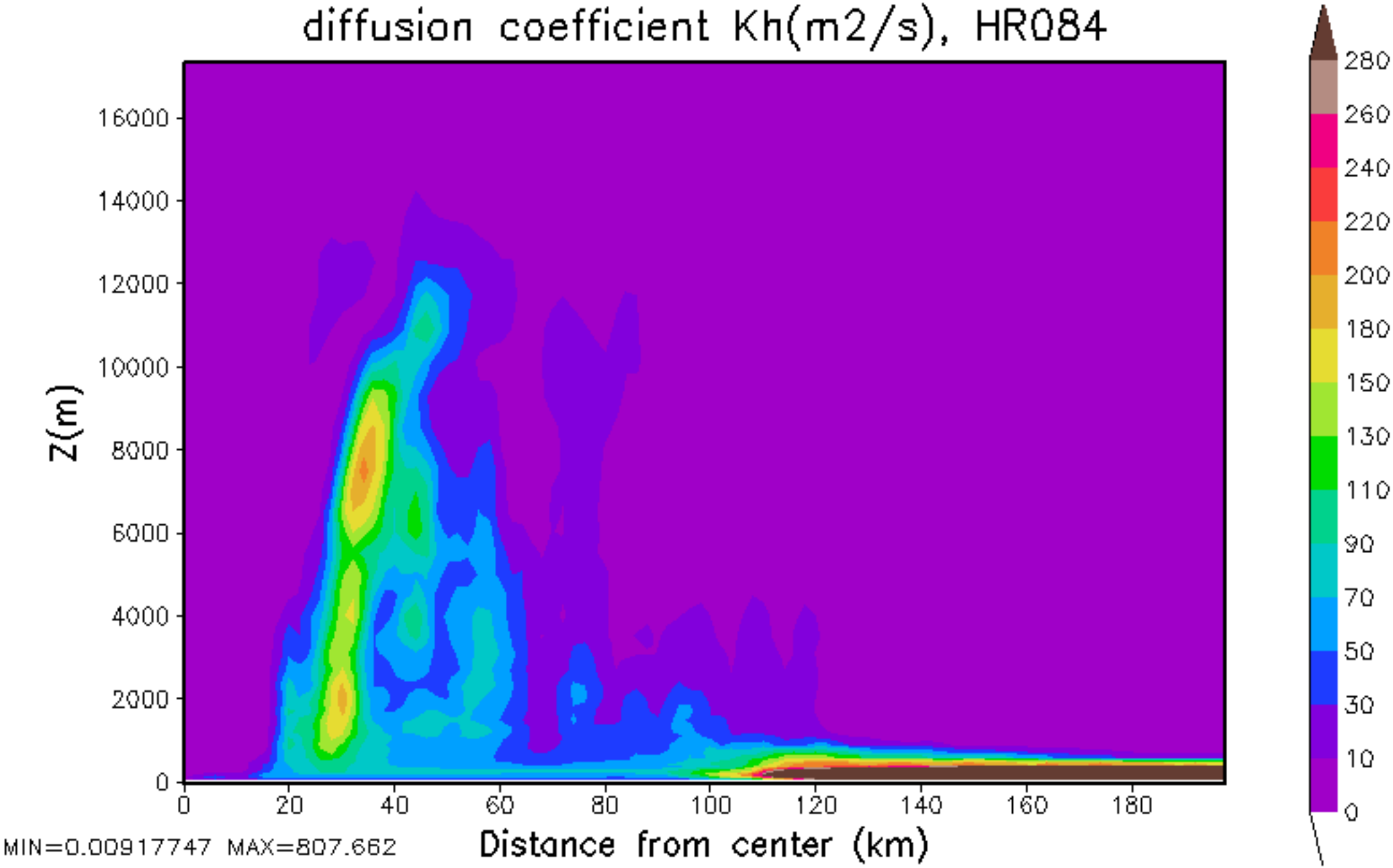
diffusion coefficient Kh(m2/s), HR084
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917747 MAX=807.662
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260
240
220
200
180
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130
110
90
70
50
30
10
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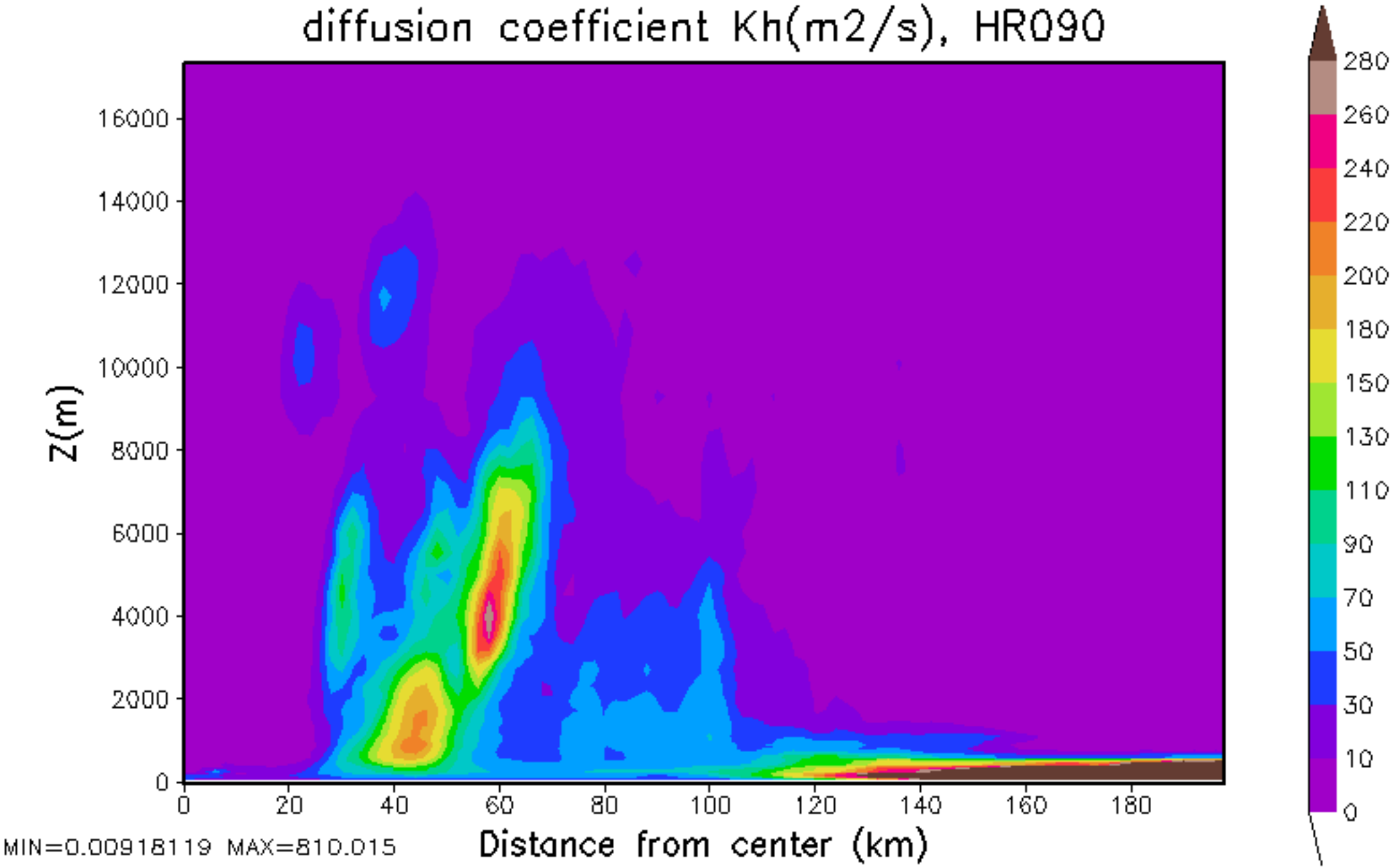
diffusion coefficient Kh(m2/s), HR090
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00918119 MAX=810.015
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260
240
220
200
180
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130
110
90
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50
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10
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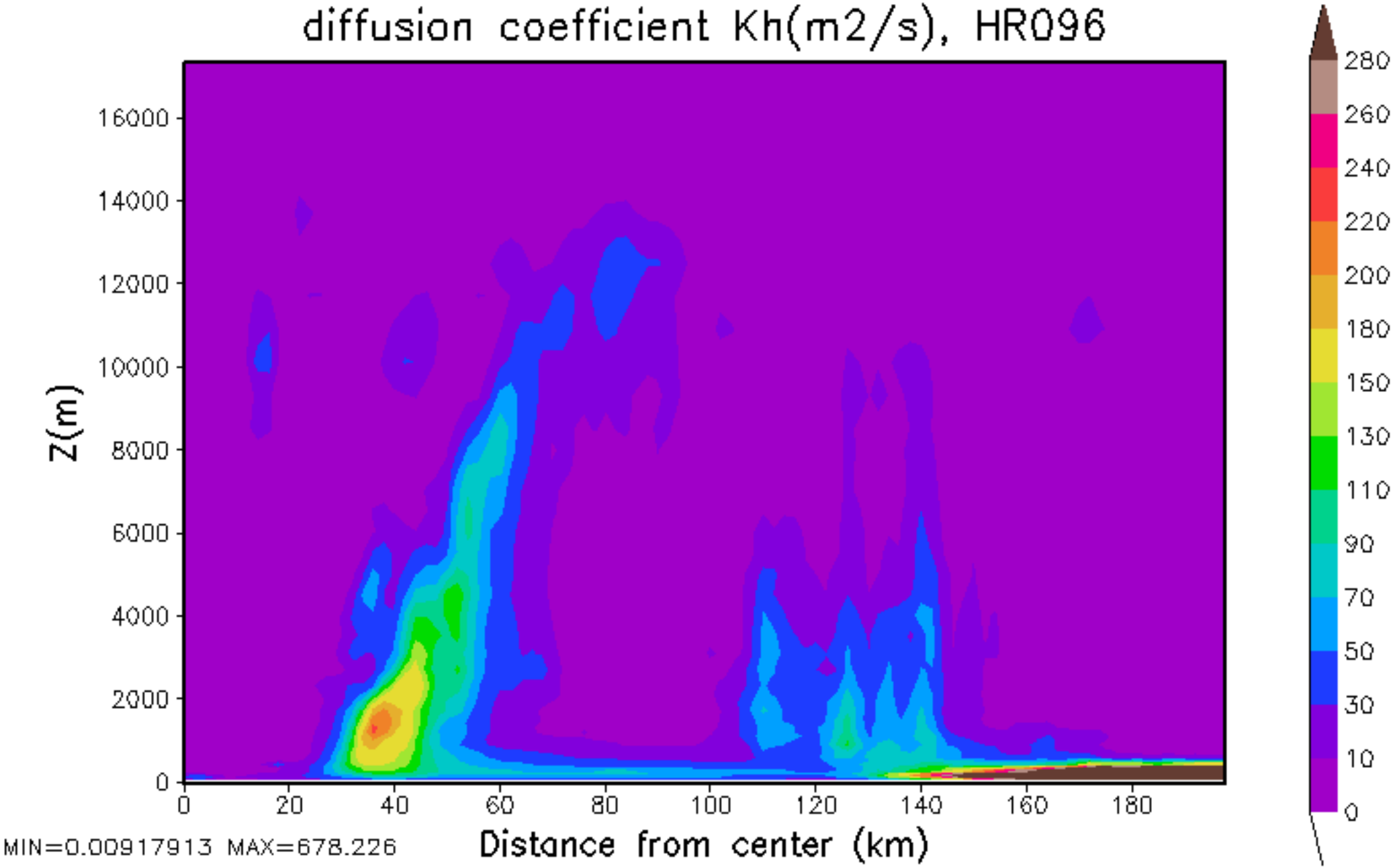
diffusion coefficient Kh(m2/s), HR096
Z(m)
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12000
10000
8000
6000
4000
2000
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917913 MAX=678.226
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240
220
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180
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130
110
90
70
50
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10
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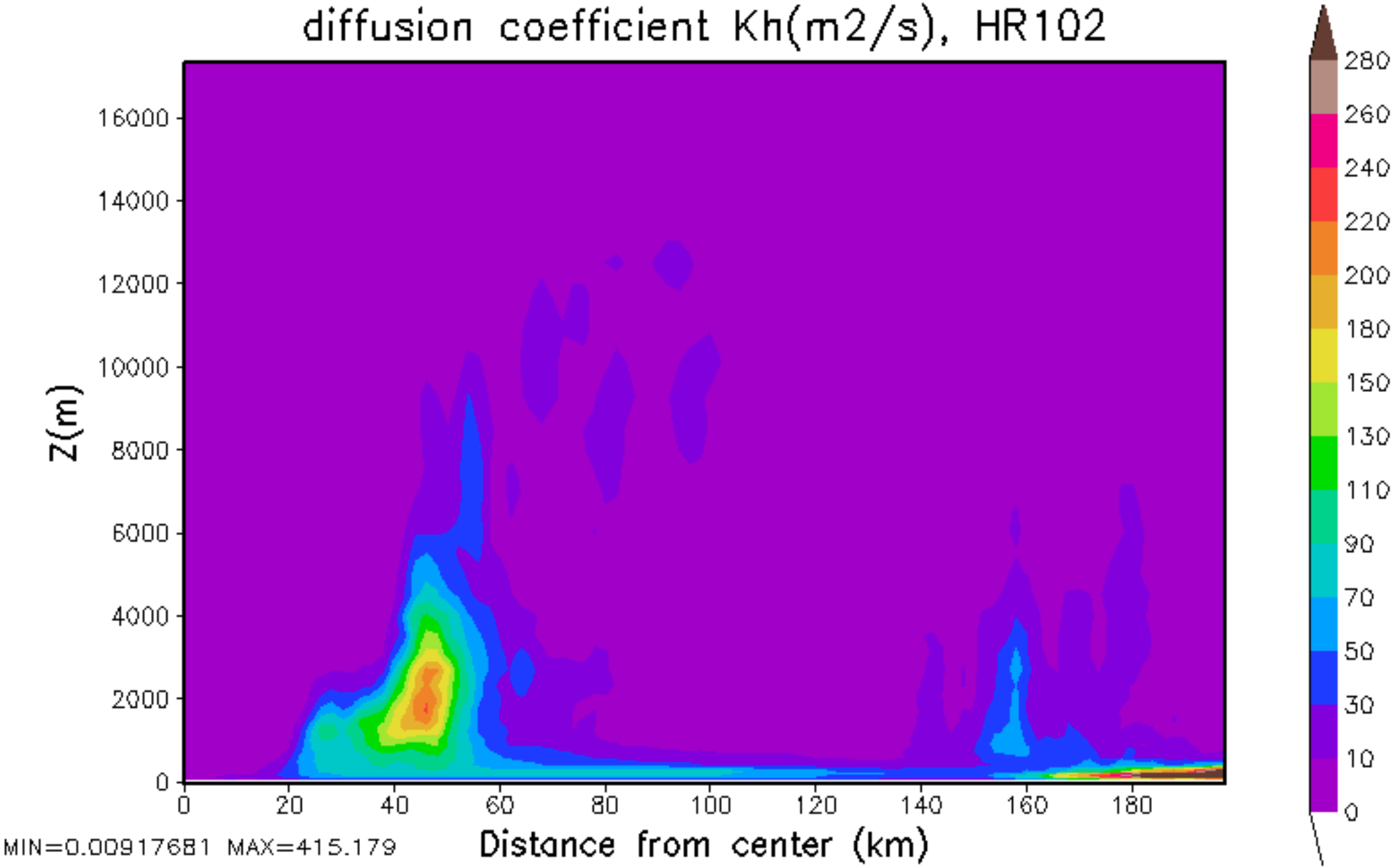
diffusion coefficient Kh(m2/s), HR102
Z(m)
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12000
10000
8000
6000
4000
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0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917681 MAX=415.179
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240
220
200
180
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130
110
90
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50
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10
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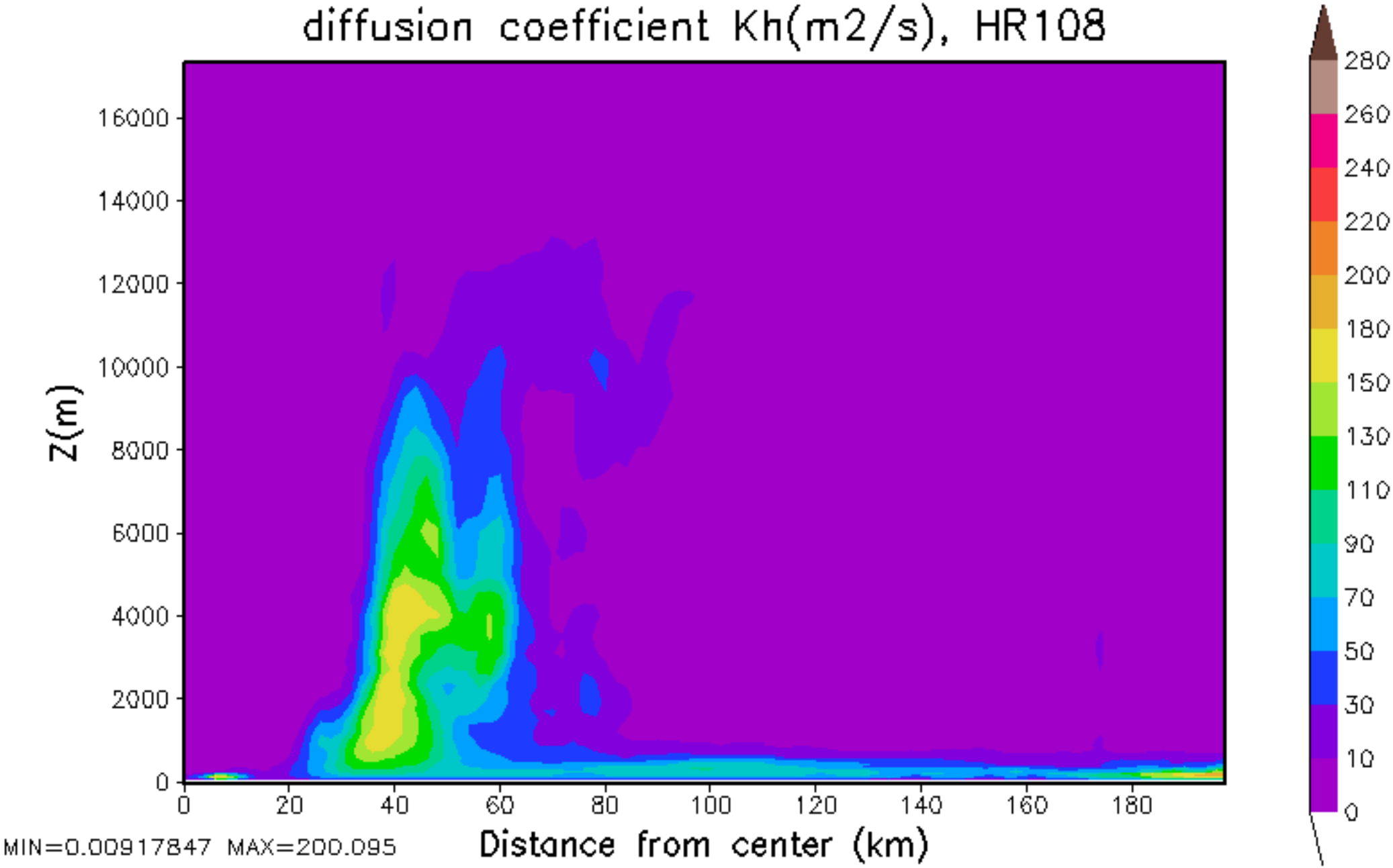
diffusion coefficient Kh(m2/s), HR108
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917847 MAX=200.095
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260
240
220
200
180
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130
110
90
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50
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10
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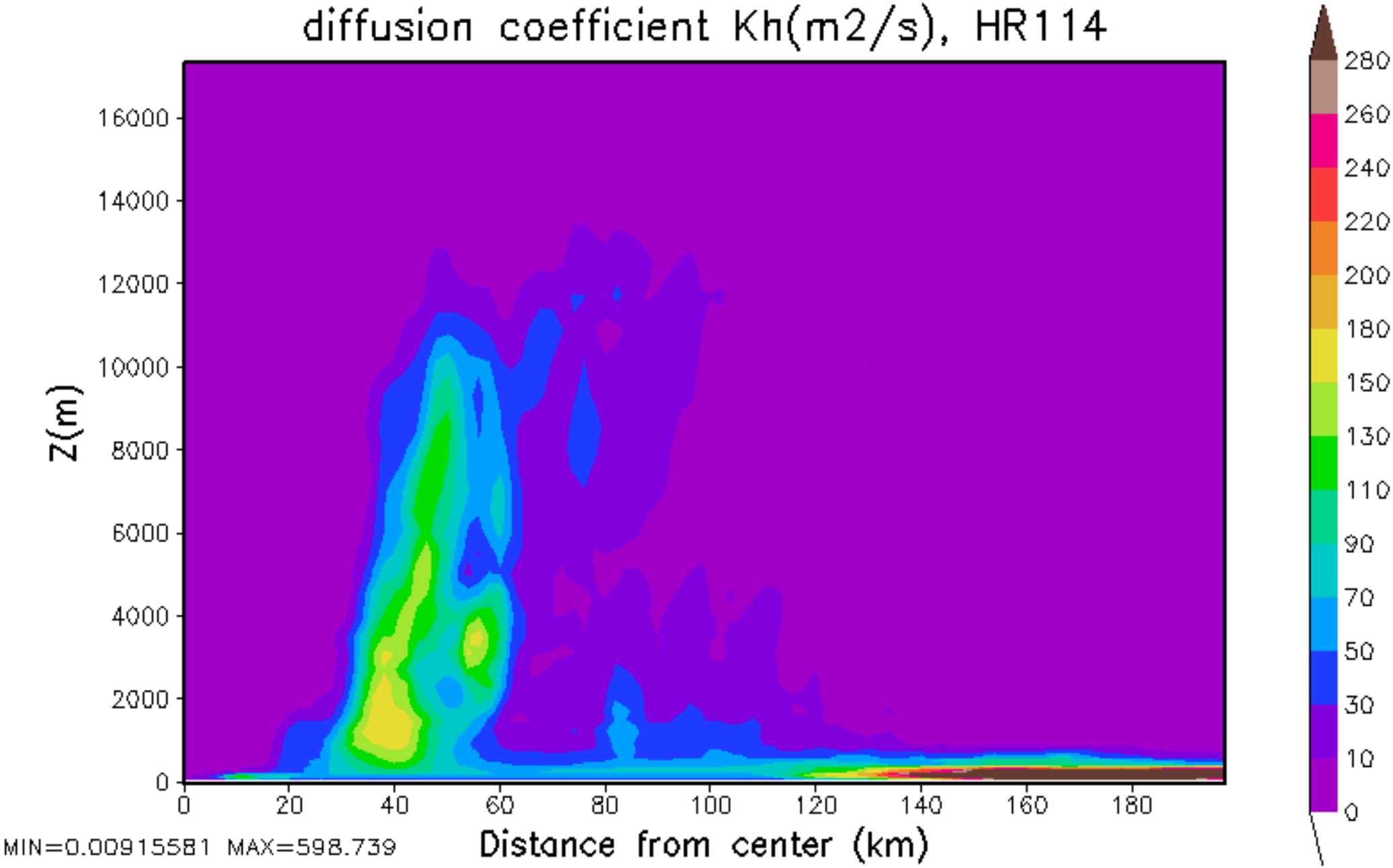
diffusion coefficient Kh(m2/s), HR114
Z(m)
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10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00915581 MAX=598.739
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240
220
200
180
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130
110
90
70
50
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10
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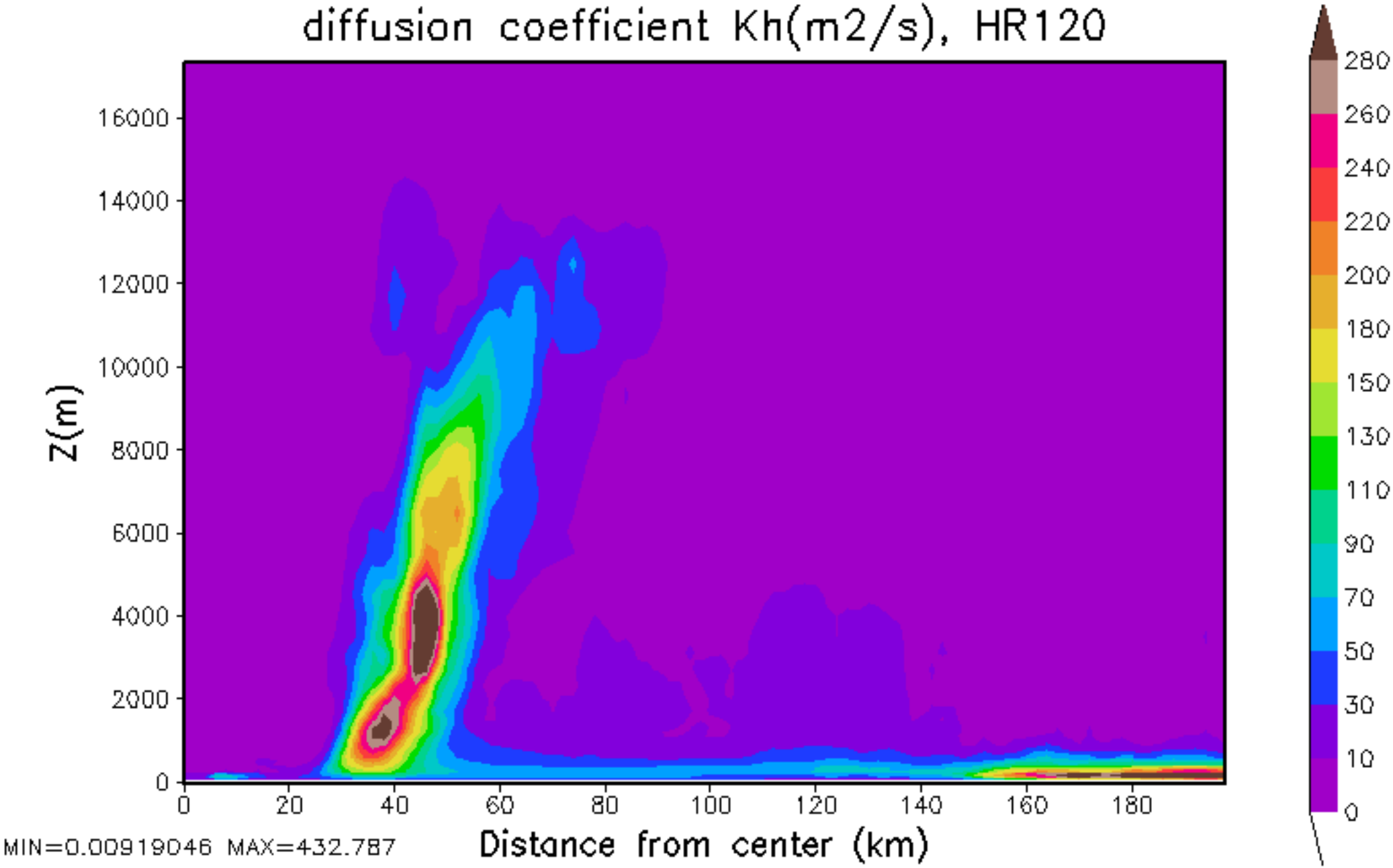
diffusion coefficient Kh(m2/s), HR120
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919046 MAX=432.787
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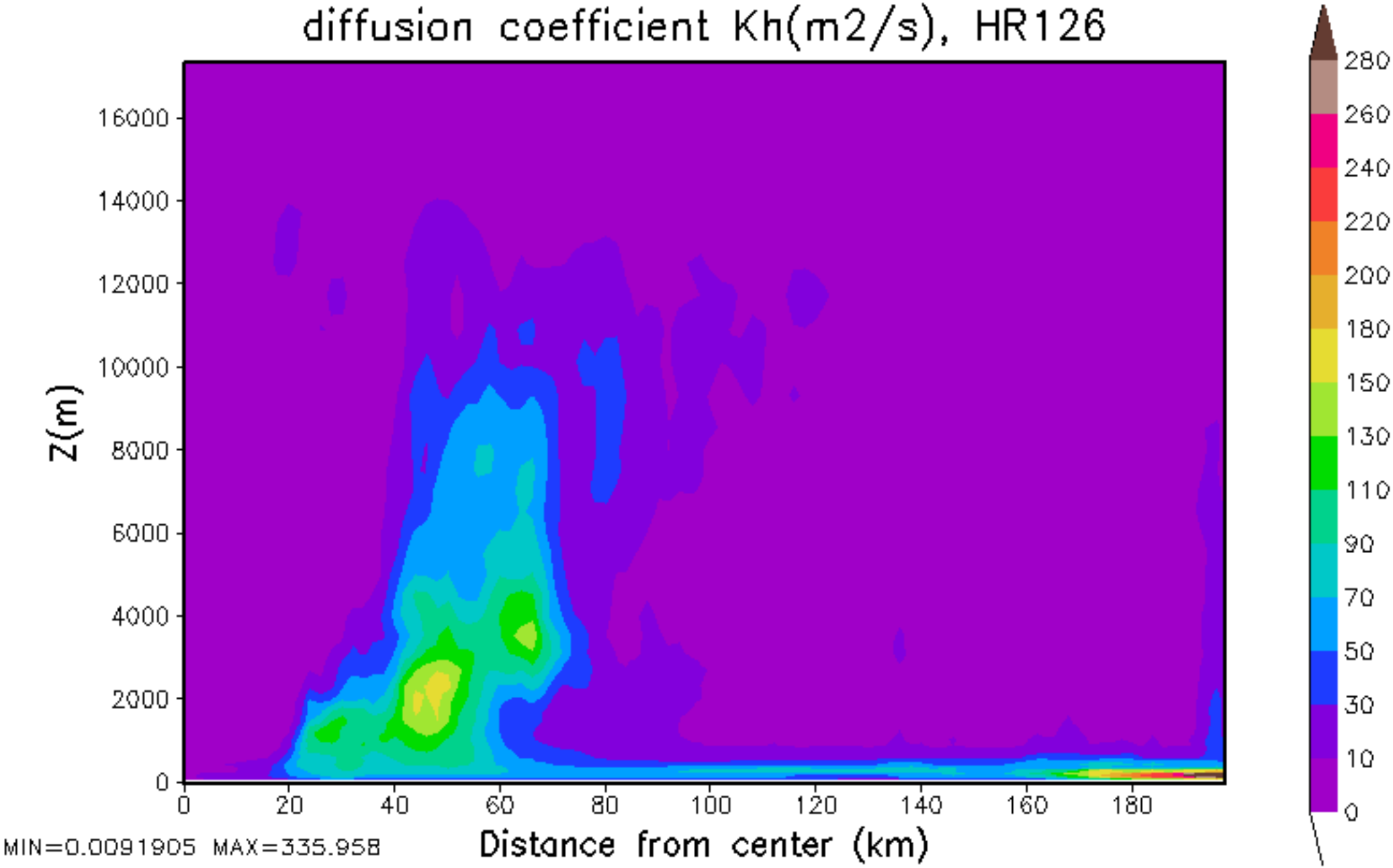
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh(m2/s), HR126
Z(m)
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12000
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8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
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240
220
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130
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90
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50
30
10
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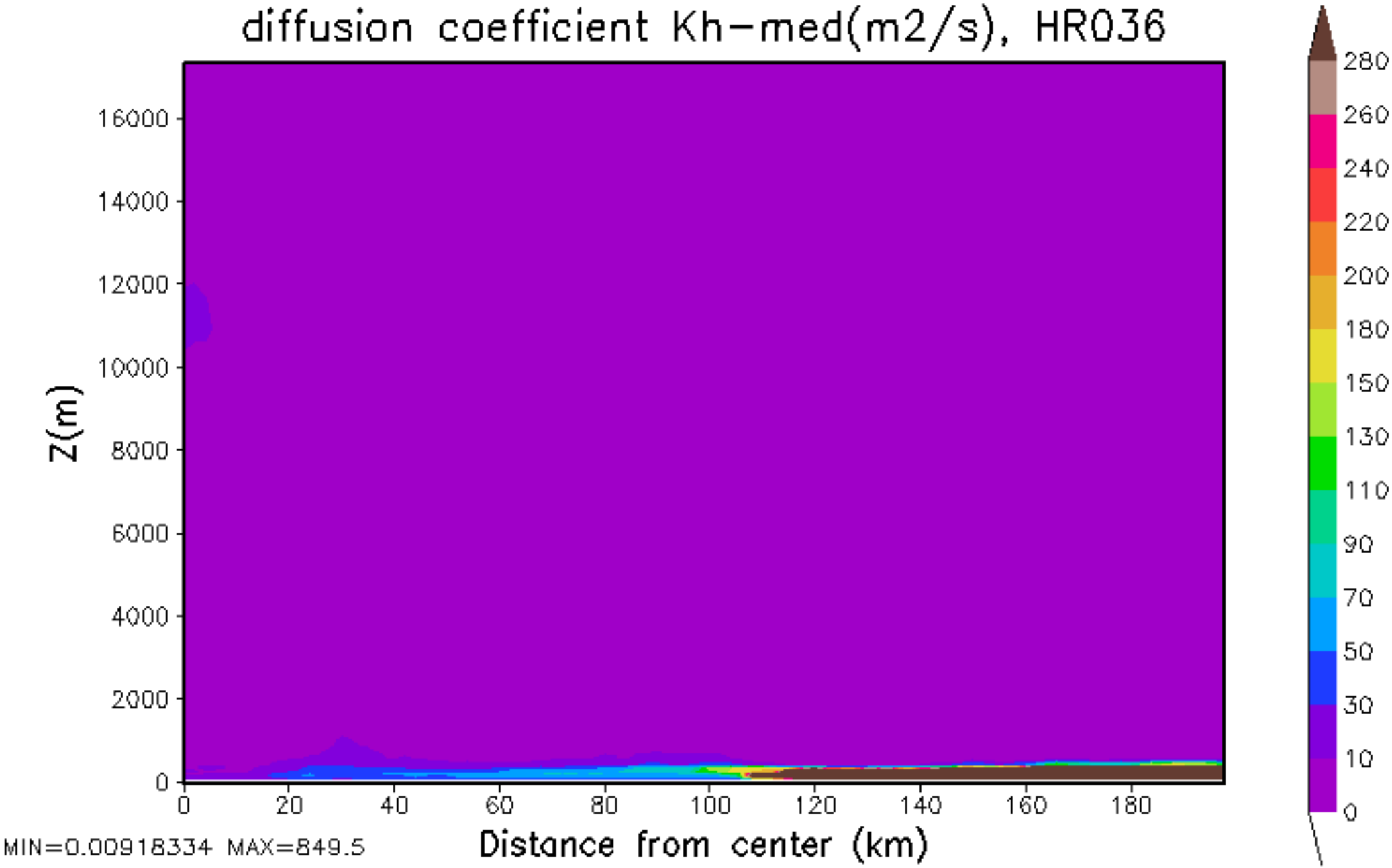
diffusion coefficient Kh-med(m2/s), HR036
Z(m)
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6000
4000
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60
80
100
120
140
160
180
Distance from center (km)
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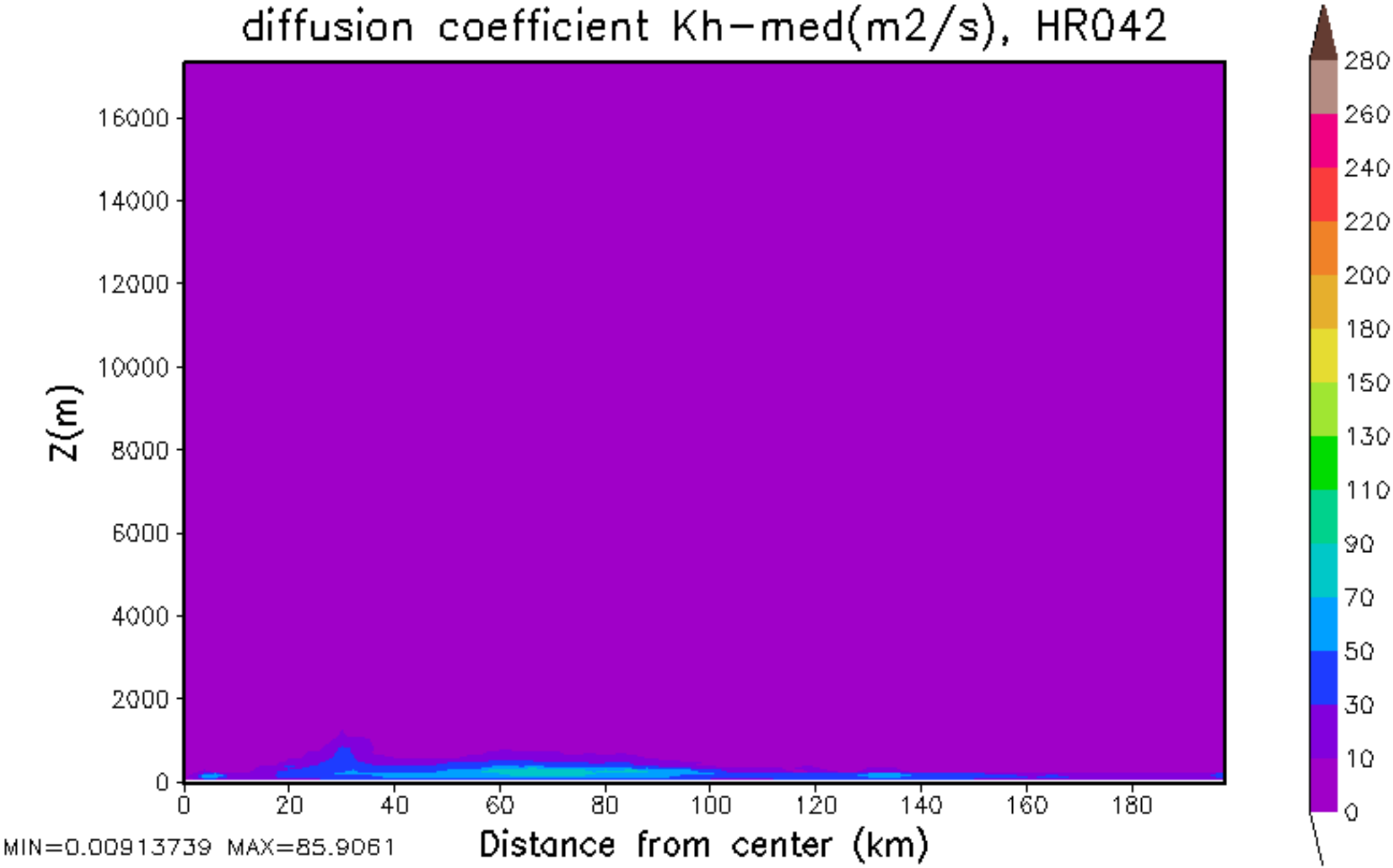
diffusion coefficient Kh-med(m2/s), HR042
Z(m)
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14000
12000
10000
8000
6000
4000
2000
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0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00913739 MAX=85.9061
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220
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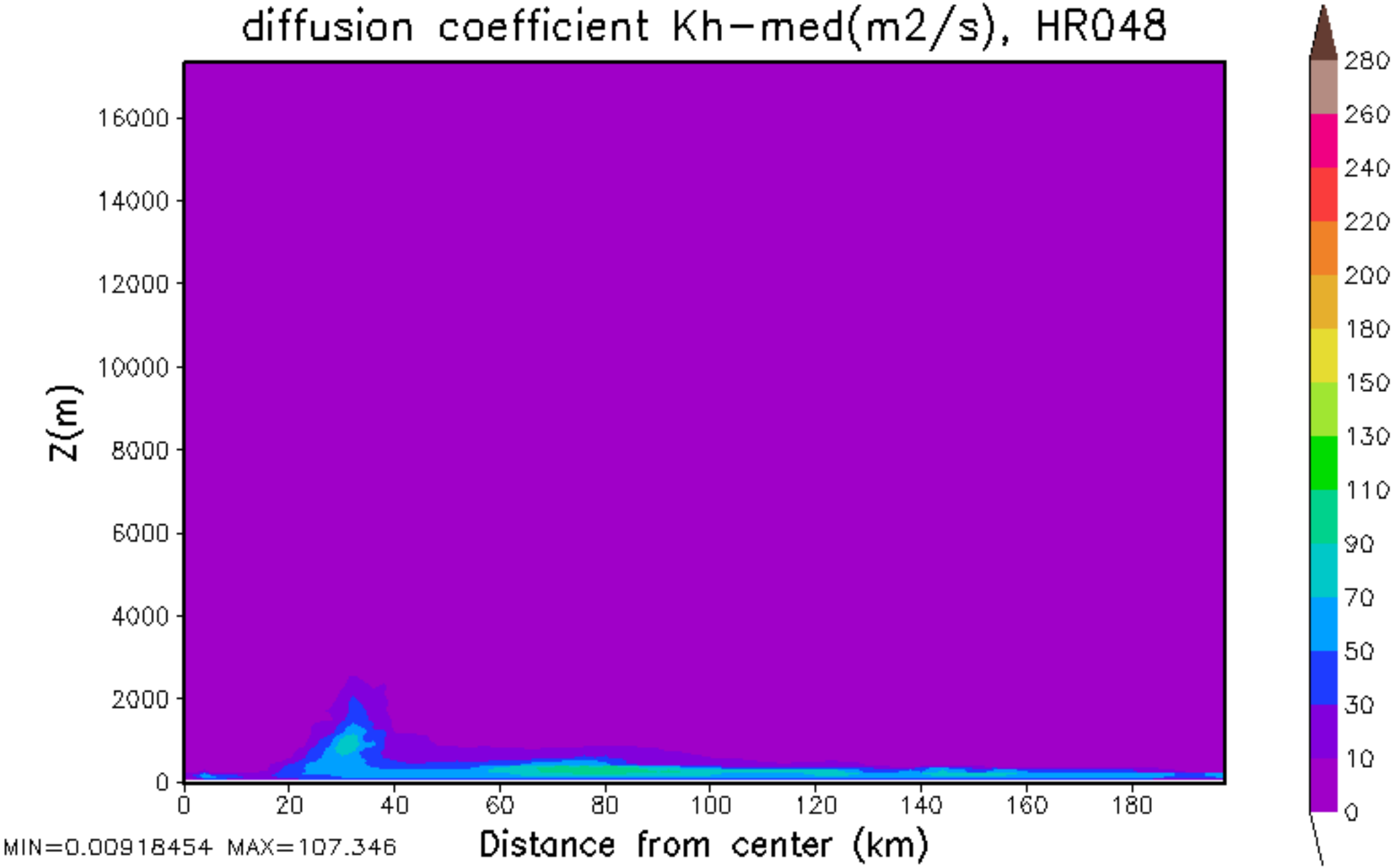
diffusion coefficient Kh-med(m2/s), HR048
Z(m)
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10000
8000
6000
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100
120
140
160
180
Distance from center (km)
MIN=0.00918454 MAX=107.346
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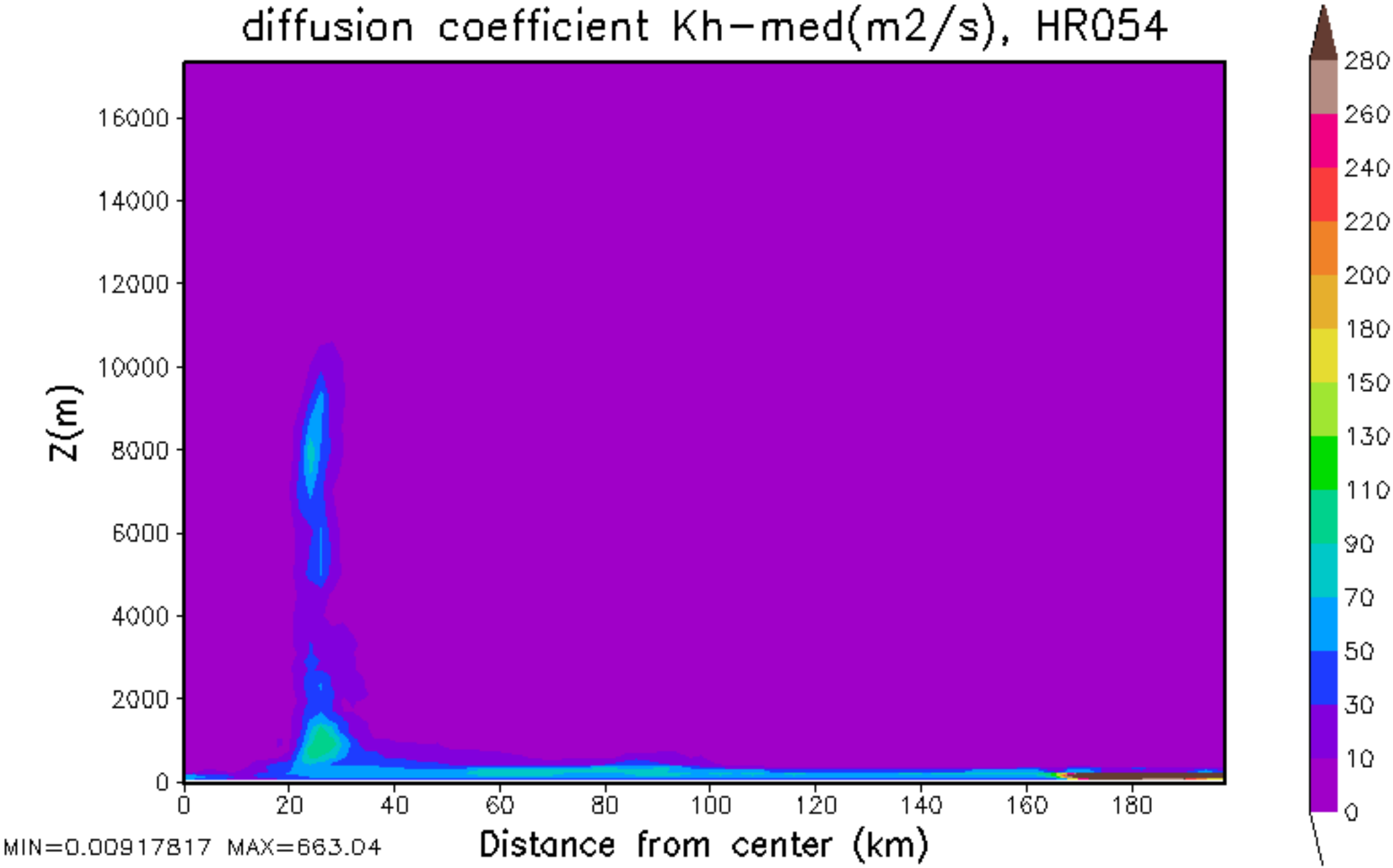
diffusion coefficient Kh-med(m2/s), HR054
Z(m)
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12000
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6000
4000
2000
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60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917817 MAX=663.04
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220
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130
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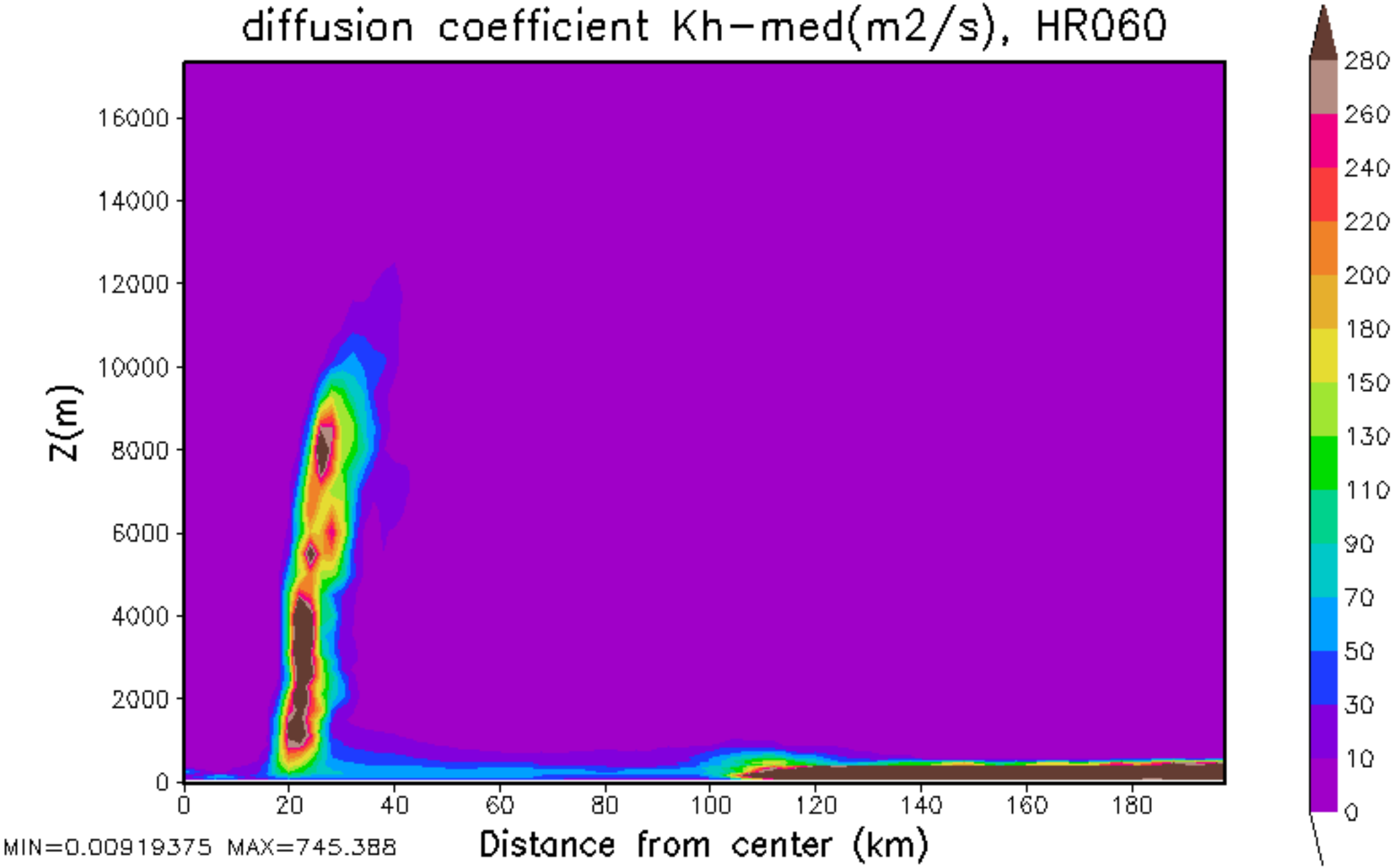
diffusion coefficient Kh-med(m2/s), HR060
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919375 MAX=745.388
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240
220
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10
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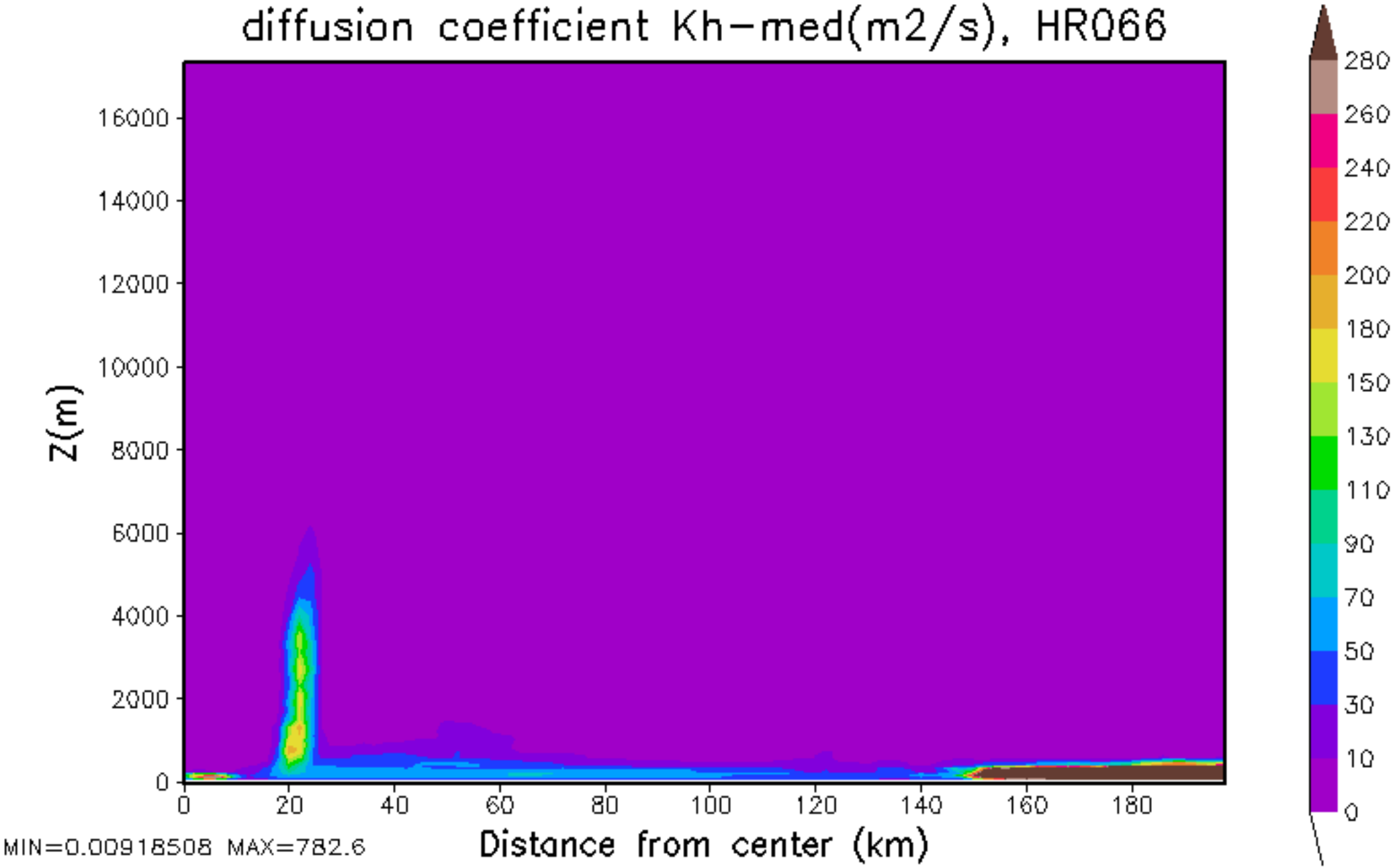
diffusion coefficient Kh-med(m2/s), HR066
Z(m)
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12000
10000
8000
6000
4000
2000
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0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00918508 MAX=782.6
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220
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10
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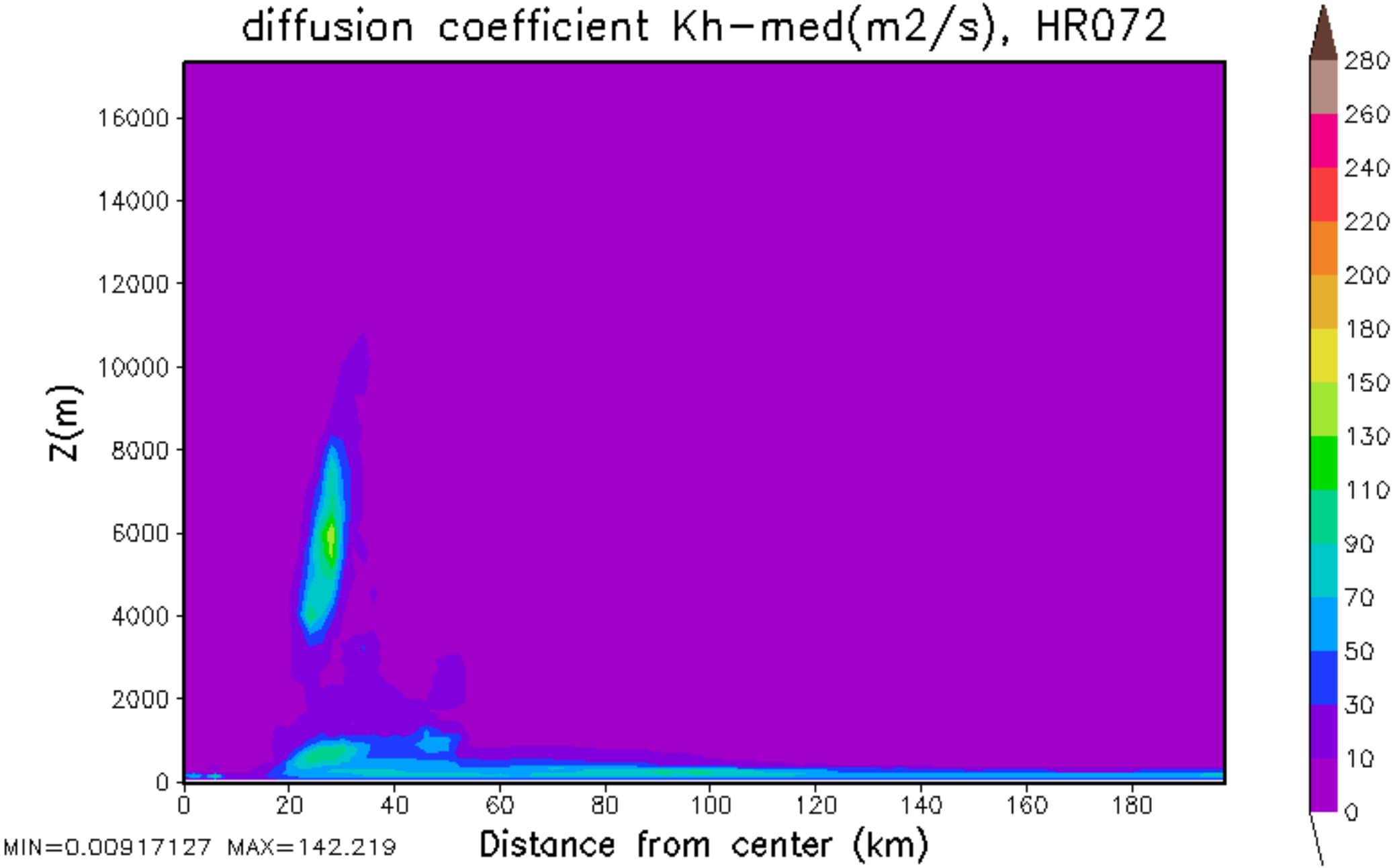
diffusion coefficient Kh-med(m2/s), HR072
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917127 MAX=142.219
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220
200
180
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130
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90
70
50
30
10
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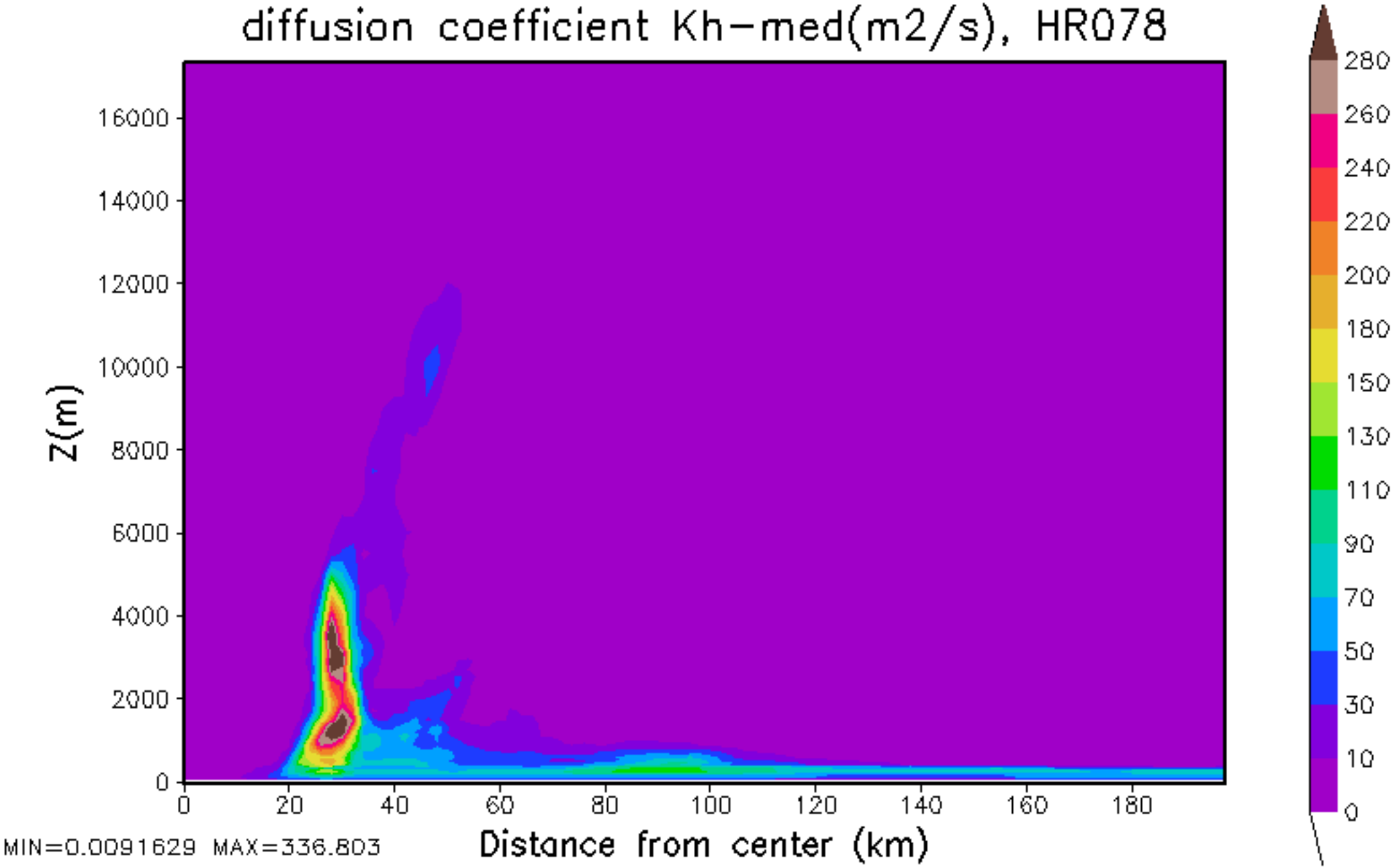
diffusion coefficient Kh-med(m2/s), HR078
Z(m)
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12000
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6000
4000
2000
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0
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60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0091629 MAX=336.803
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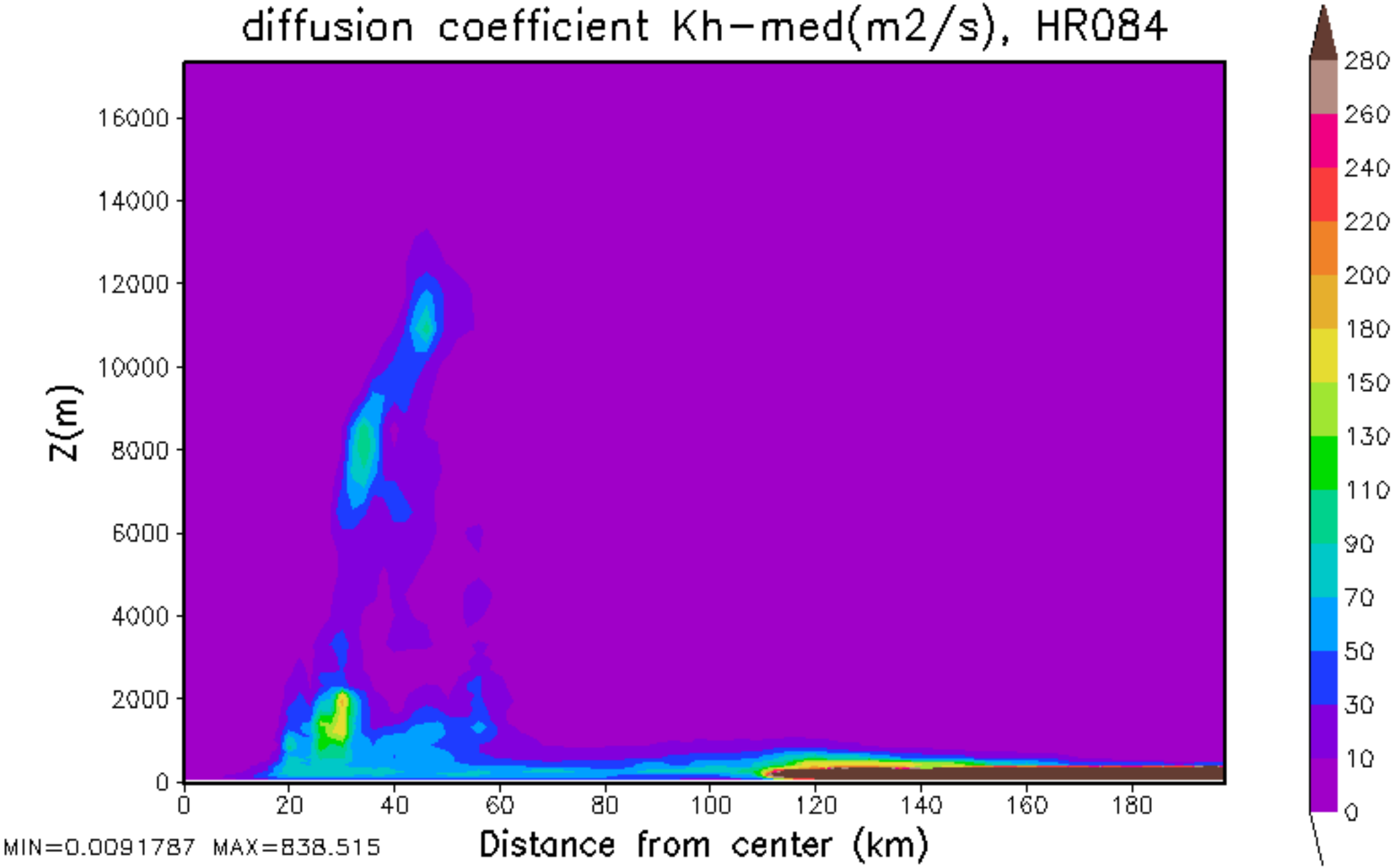
diffusion coefficient Kh-med(m2/s), HR084
Z(m)
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12000
10000
8000
6000
4000
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0
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40
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80
100
120
140
160
180
Distance from center (km)
MIN=0.0091787 MAX=838.515
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200
180
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130
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50
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10
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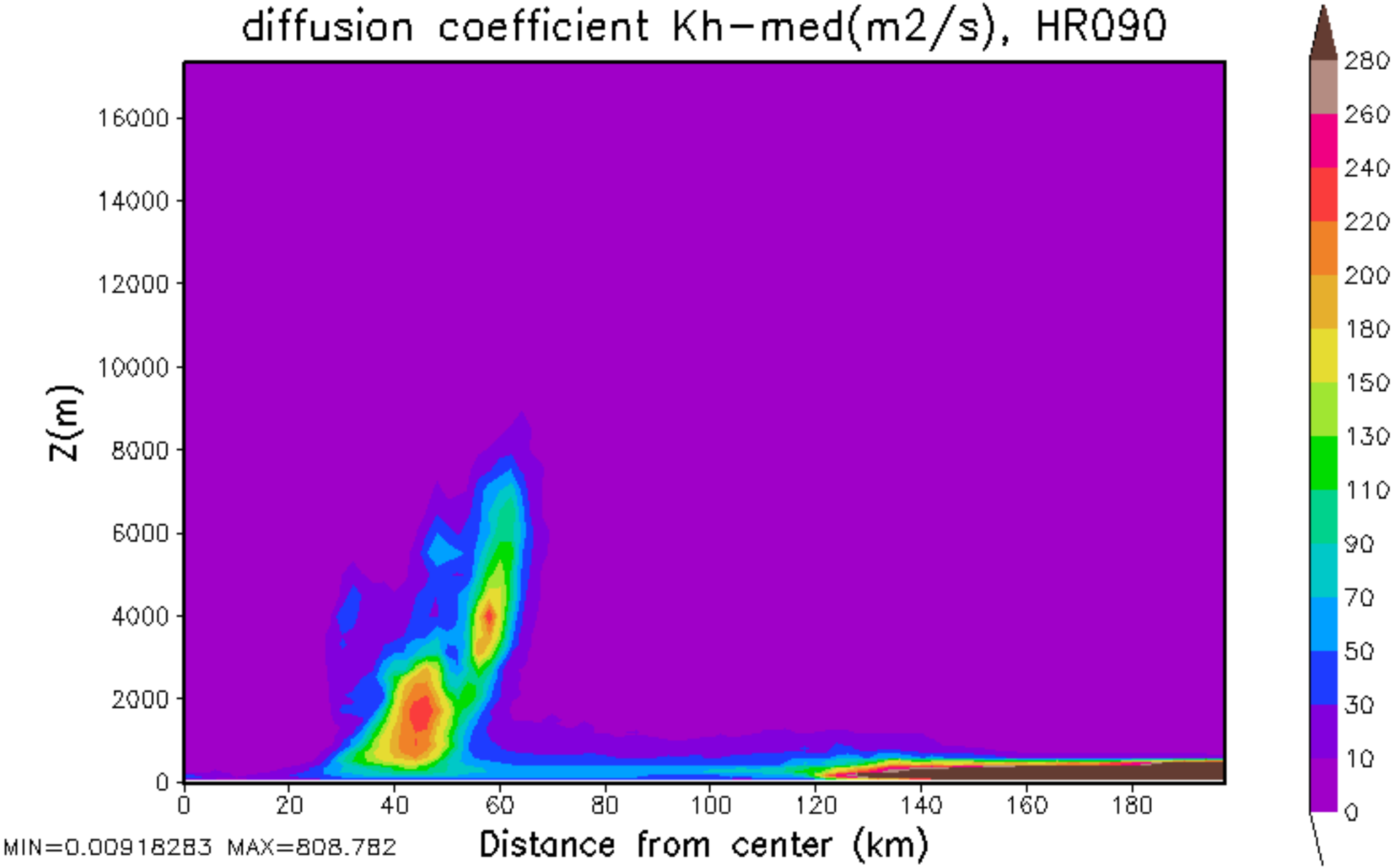
diffusion coefficient Kh-med(m2/s), HR090
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00918283 MAX=808.782
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220
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180
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50
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10
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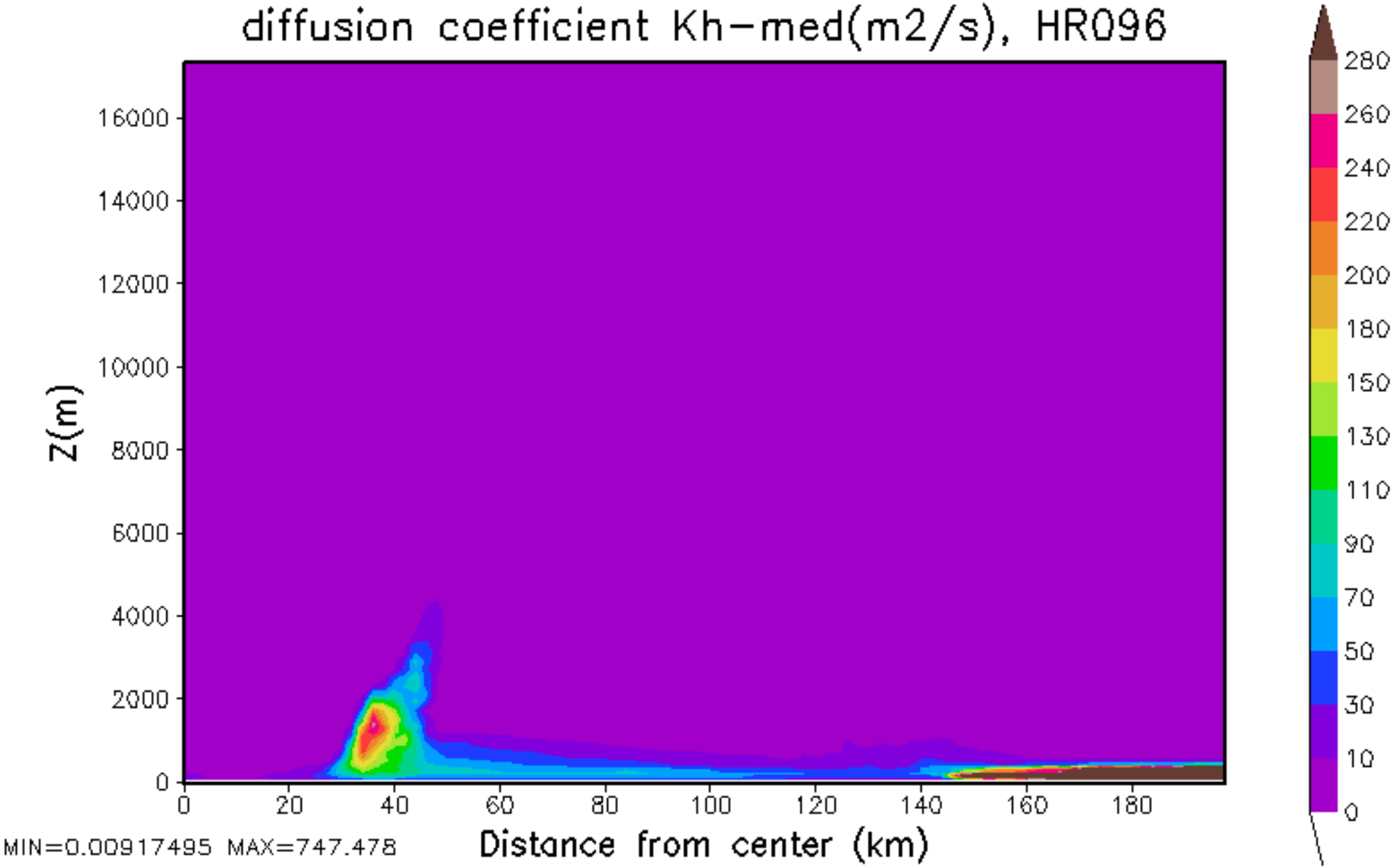
diffusion coefficient Kh-med(m2/s), HR096
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
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0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917495 MAX=747.478
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220
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180
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130
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50
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10
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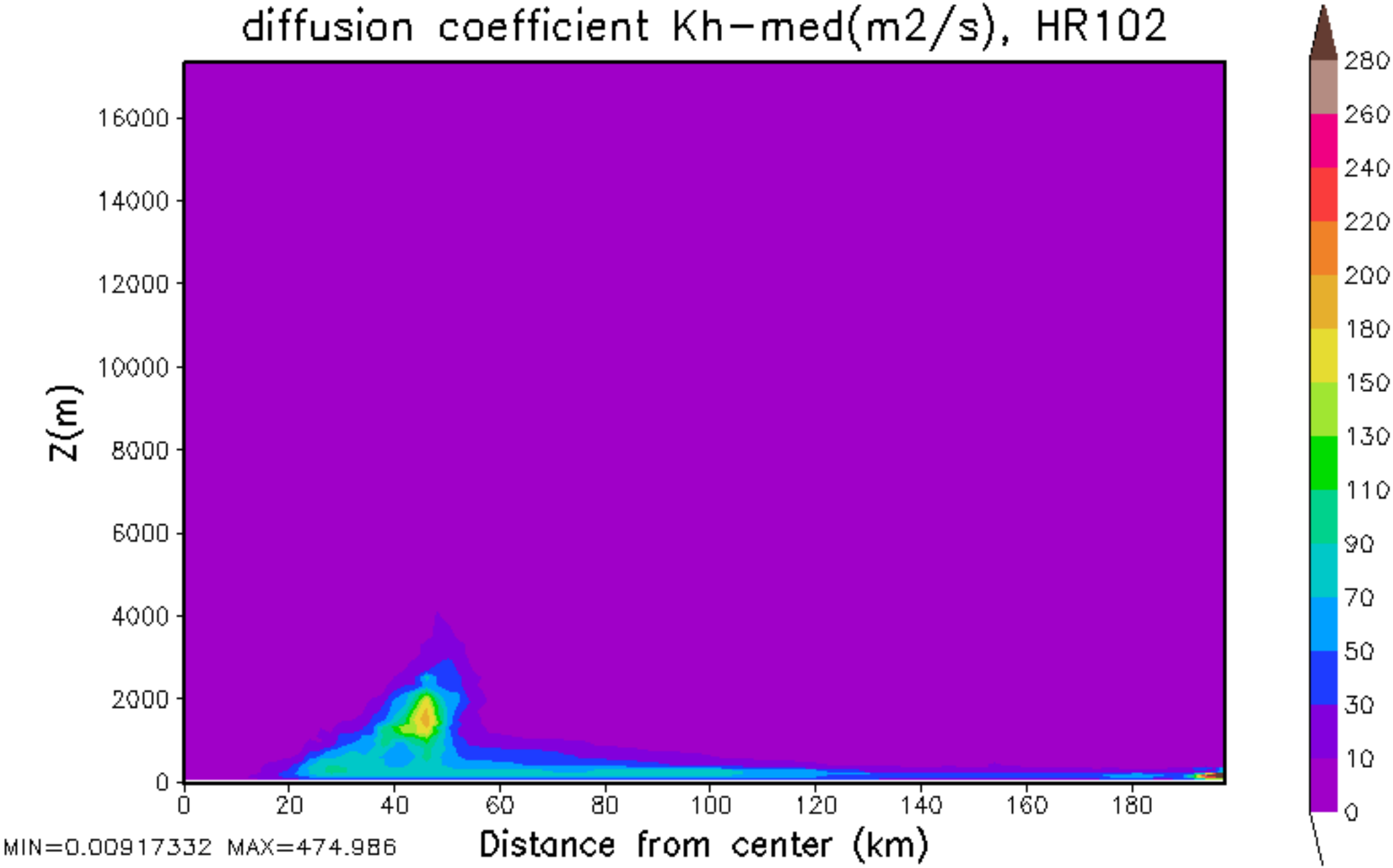
diffusion coefficient Kh-med(m2/s), HR102
Z(m)
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14000
12000
10000
8000
6000
4000
2000
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40
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100
120
140
160
180
Distance from center (km)
MIN=0.00917332 MAX=474.986
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10
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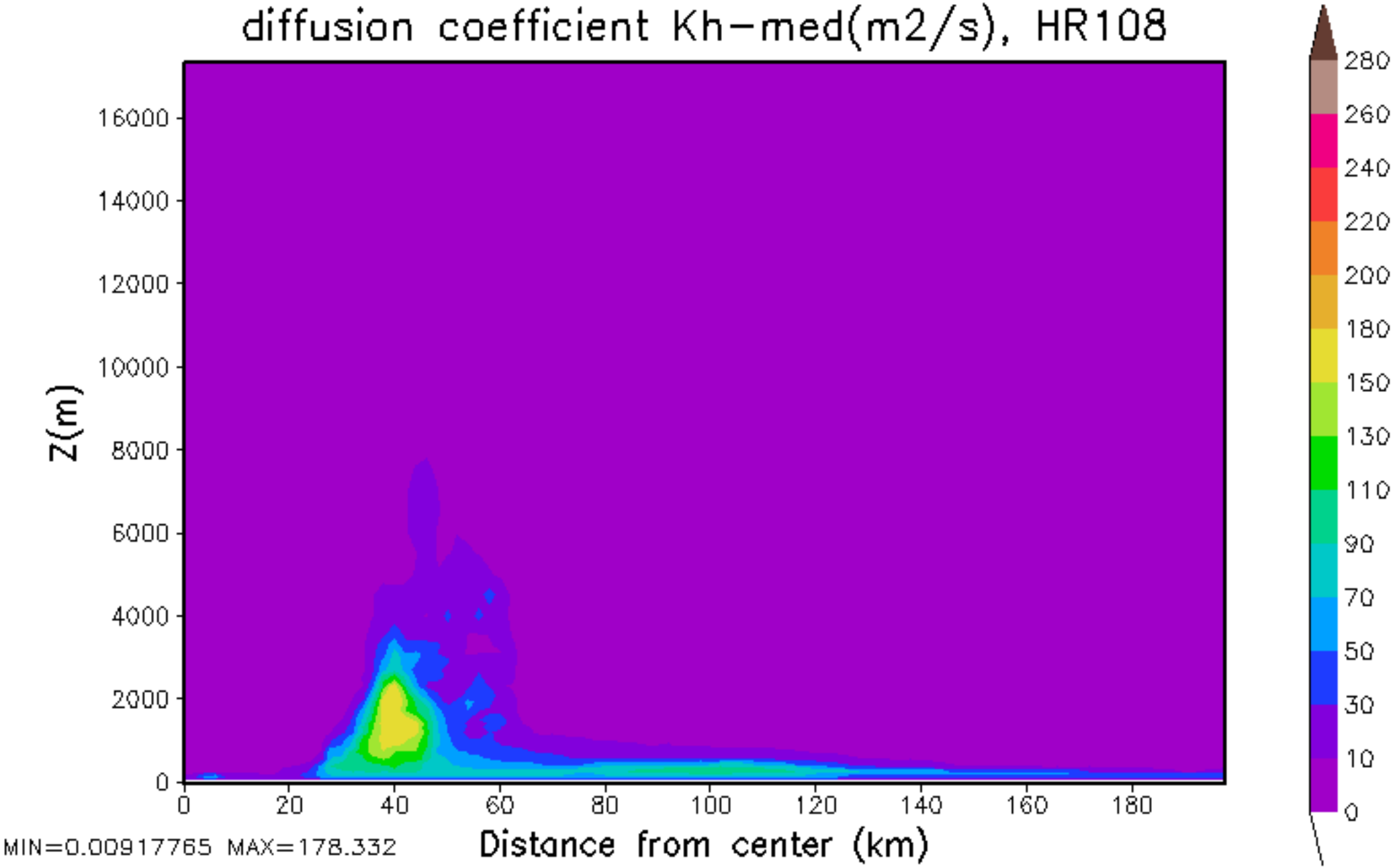
diffusion coefficient Kh-med(m2/s), HR108
Z(m)
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12000
10000
8000
6000
4000
2000
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0
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40
60
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100
120
140
160
180
Distance from center (km)
MIN=0.00917765 MAX=178.332
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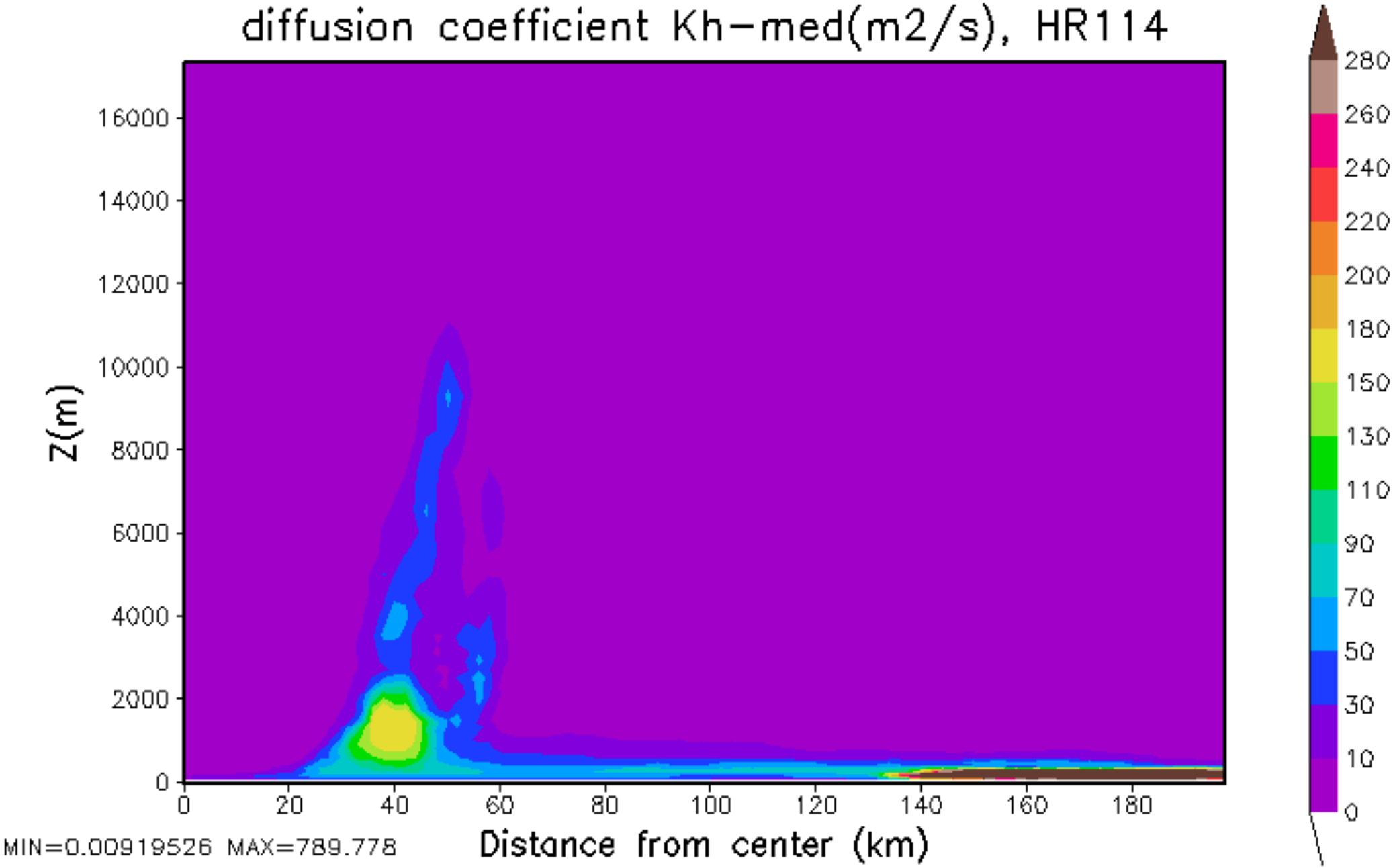
diffusion coefficient Kh-med(m2/s), HR114
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919526 MAX=789.778
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260
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220
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130
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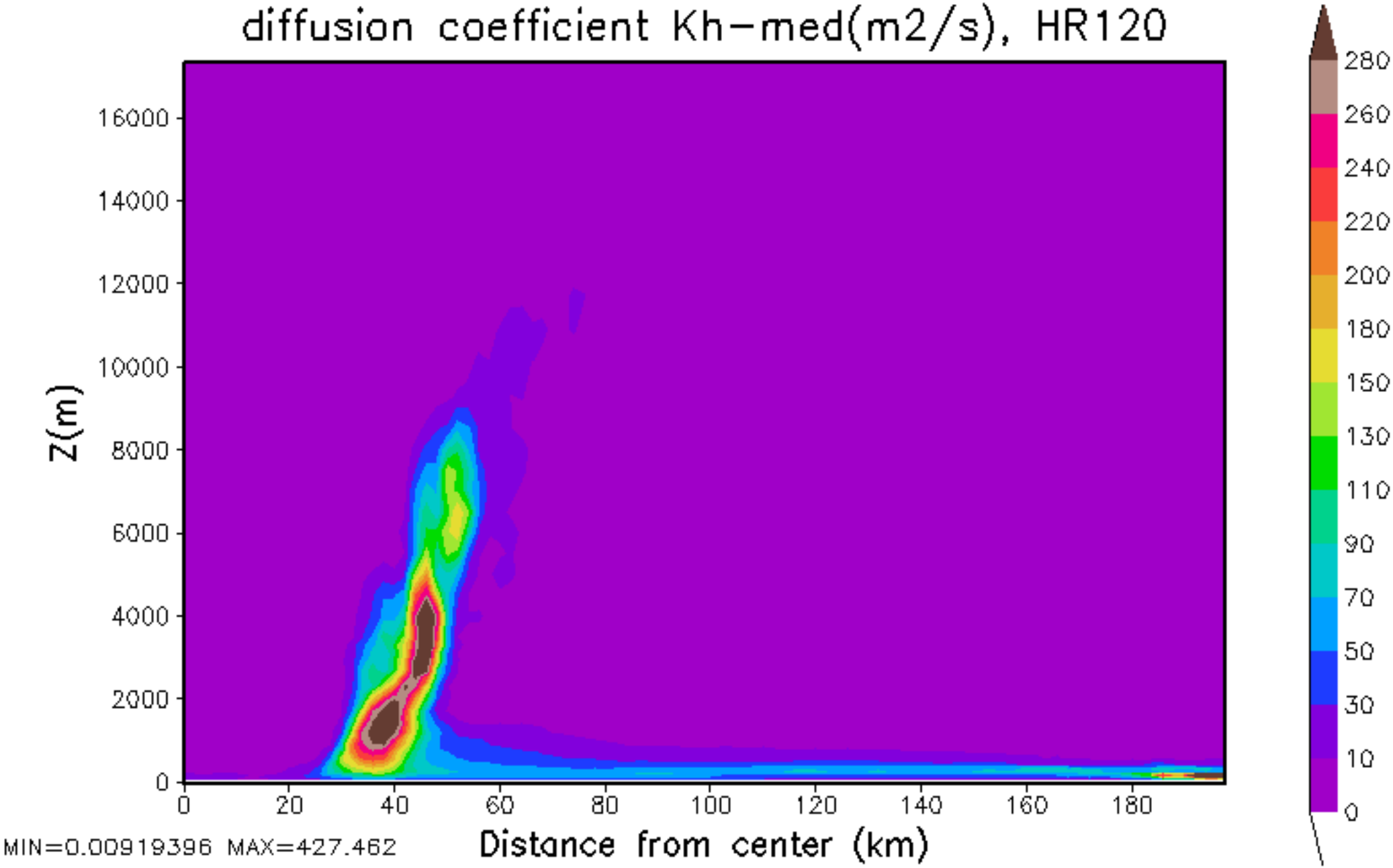
10
0


diffusion coefficient Kh-med(m2/s), HR120
Z(m)
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10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919396 MAX=427.462
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260
240
220
200
180
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130
110
90
70
50
30
10
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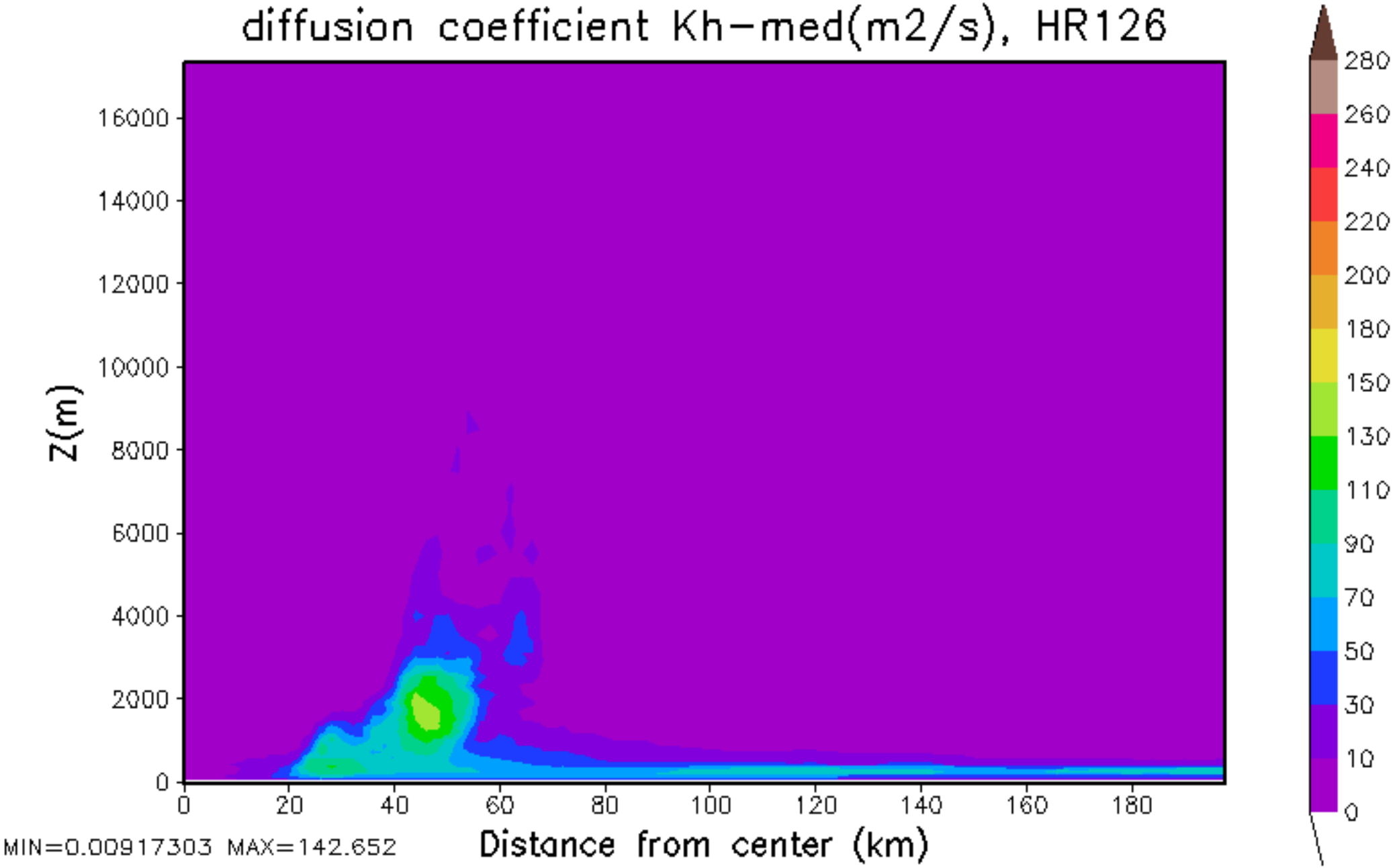
diffusion coefficient Kh-med(m2/s), HR126
Z(m)
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10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917303 MAX=142.652
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260
240
220
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130
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90
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50
30
10
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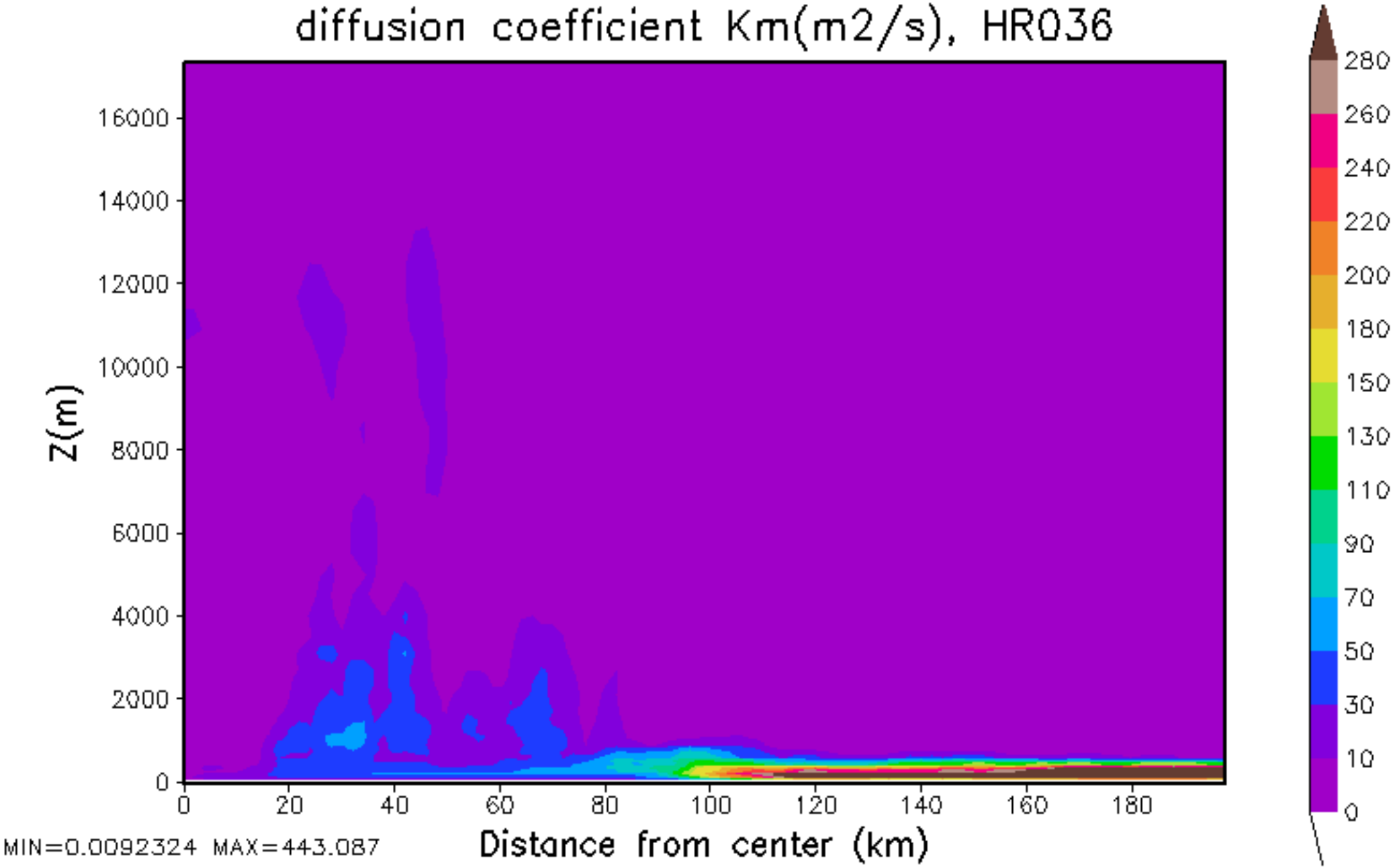
diffusion coefficient Km(m2/s), HR036
Z(m)
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6000
4000
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0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0092324 MAX=443.087
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260
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220
200
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130
110
90
70
50
30
10
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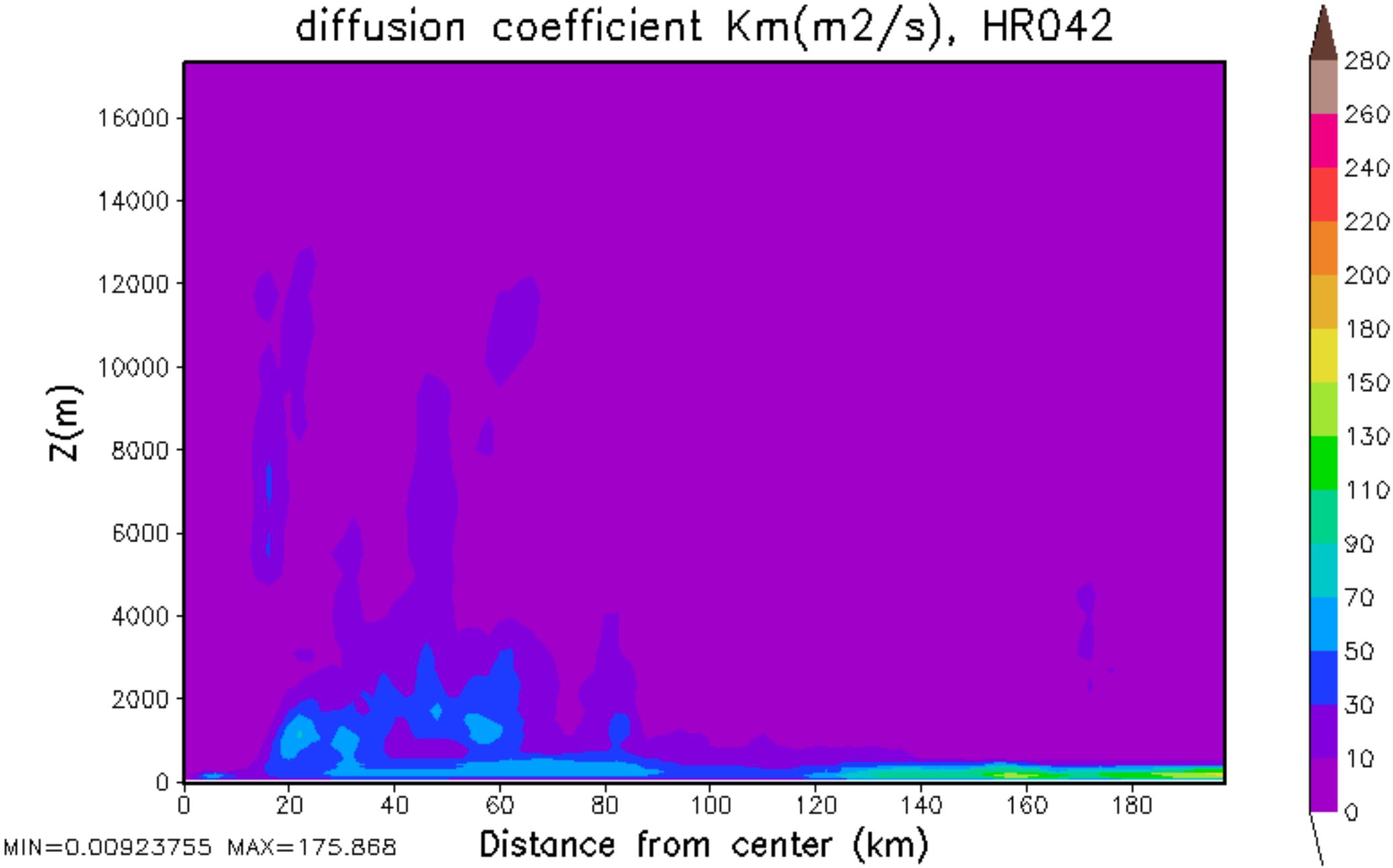
diffusion coefficient Km(m2/s), HR042
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923755 MAX=175.868
280
260
240
220
200
180
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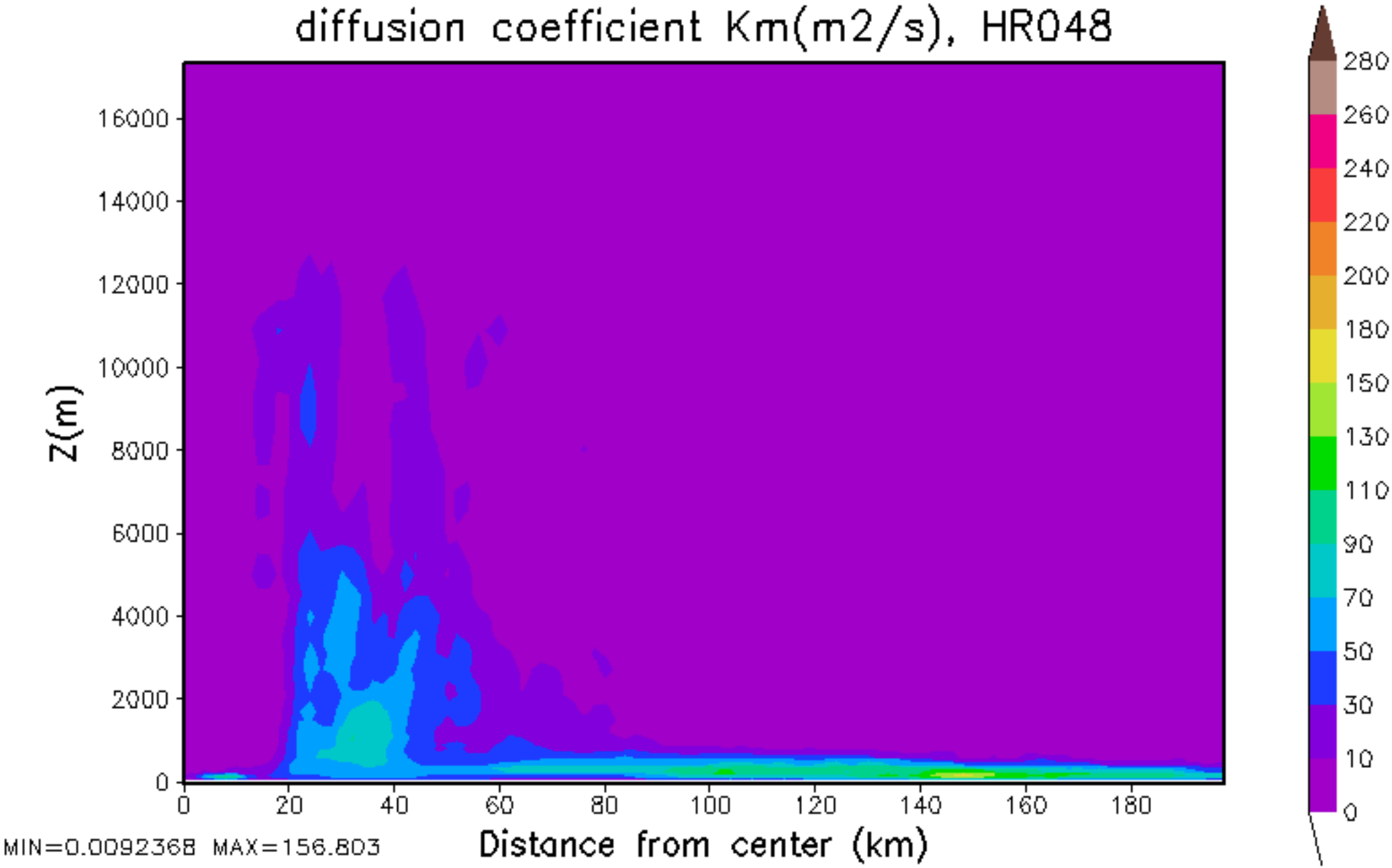
130
110
90
70
50
30
10
0


diffusion coefficient Km(m2/s), HR048
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=0.0092368 MAX=156.803
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260
240
220
200
180
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130
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50
30
10
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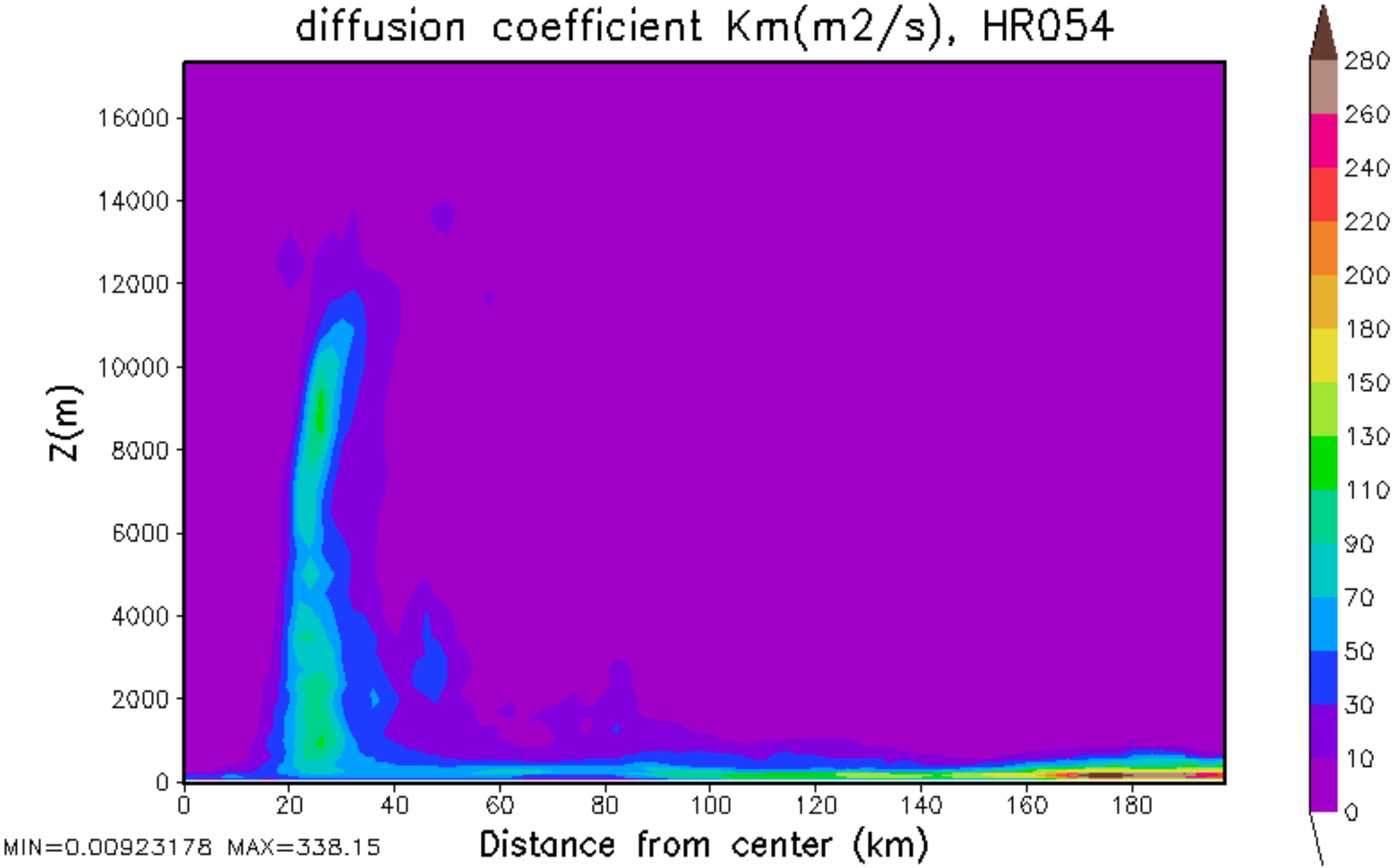
diffusion coefficient Km(m2/s), HR054
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923178 MAX=338.15
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260
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200
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130
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90
70
50
30
10
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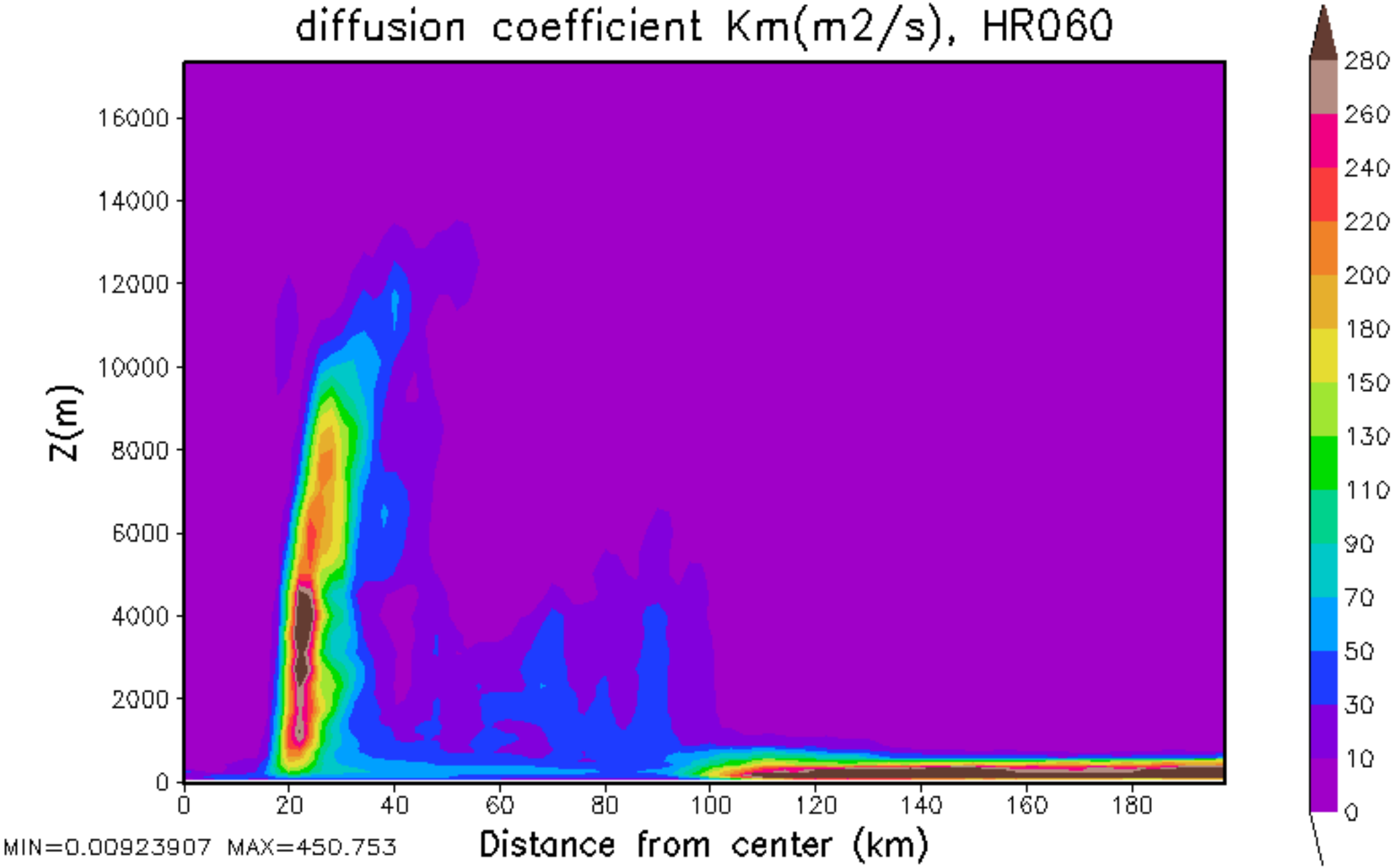
diffusion coefficient Km(m2/s), HR060
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923907 MAX=450.753
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260
240
220
200
180
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130
110
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70
50
30
10
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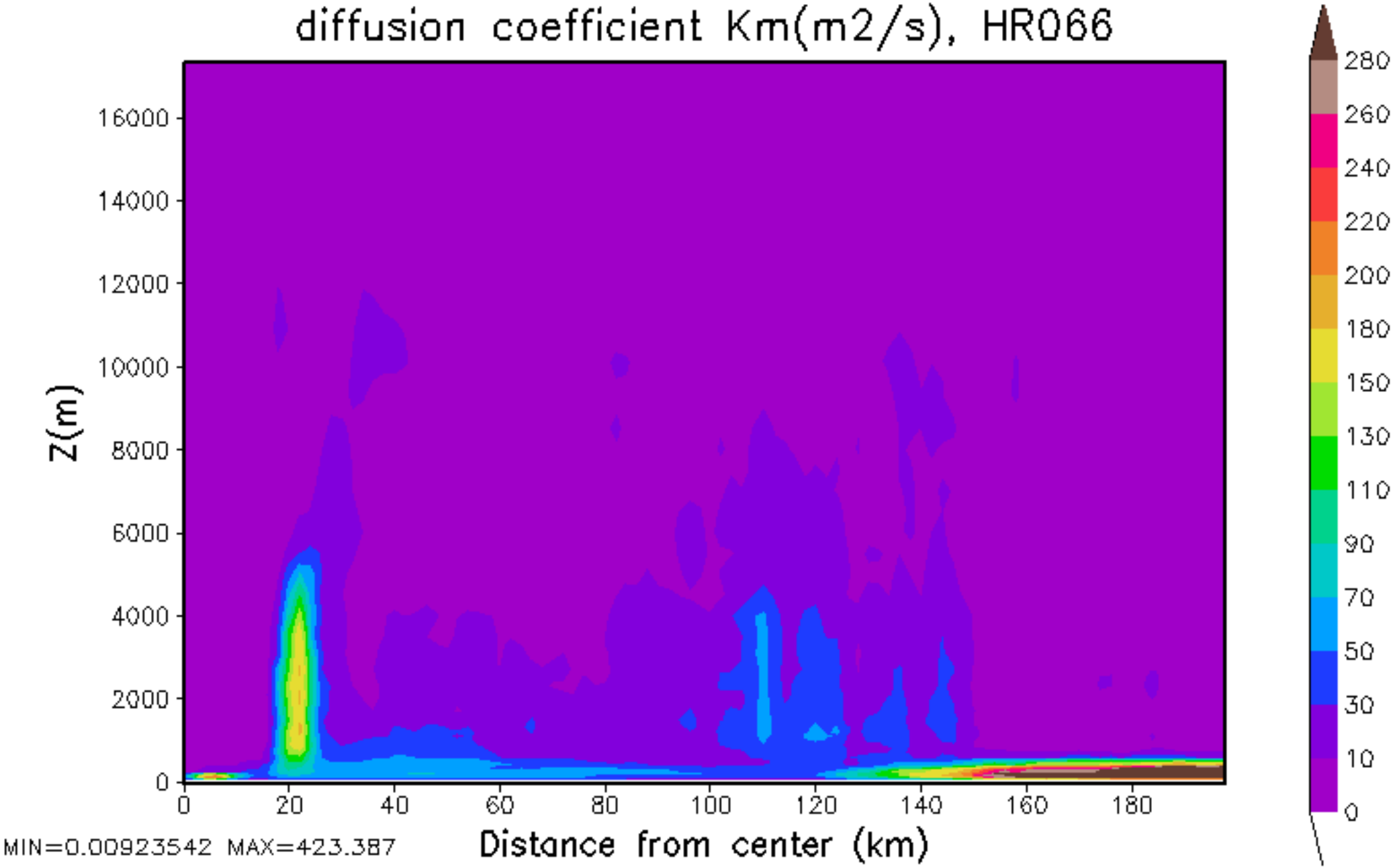
diffusion coefficient Km(m2/s), HR066
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923542 MAX=423.387
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260
240
220
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180
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130
110
90
70
50
30
10
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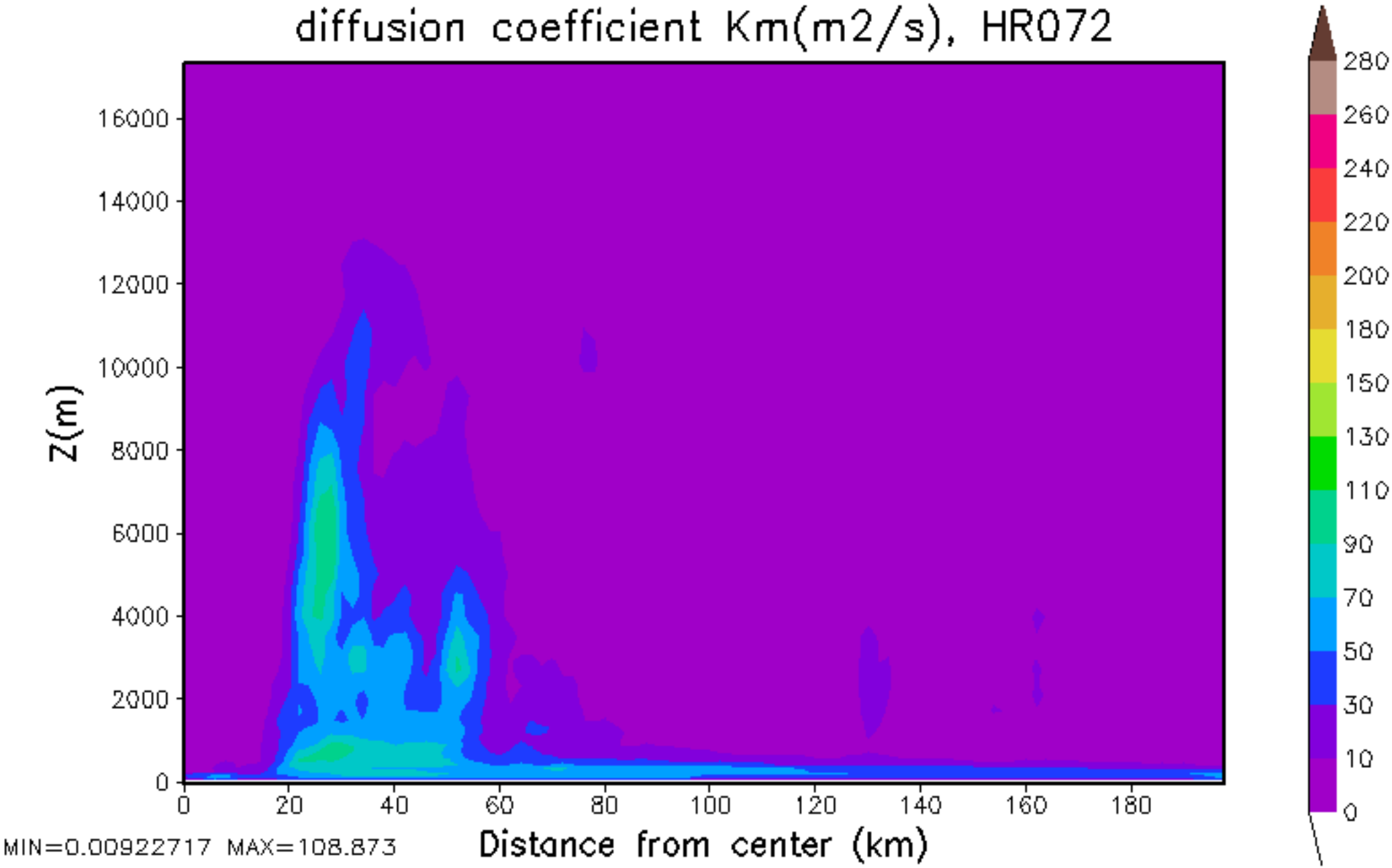
diffusion coefficient Km(m2/s), HR072
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922717 MAX=108.873
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260
240
220
200
180
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130
110
90
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50
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10
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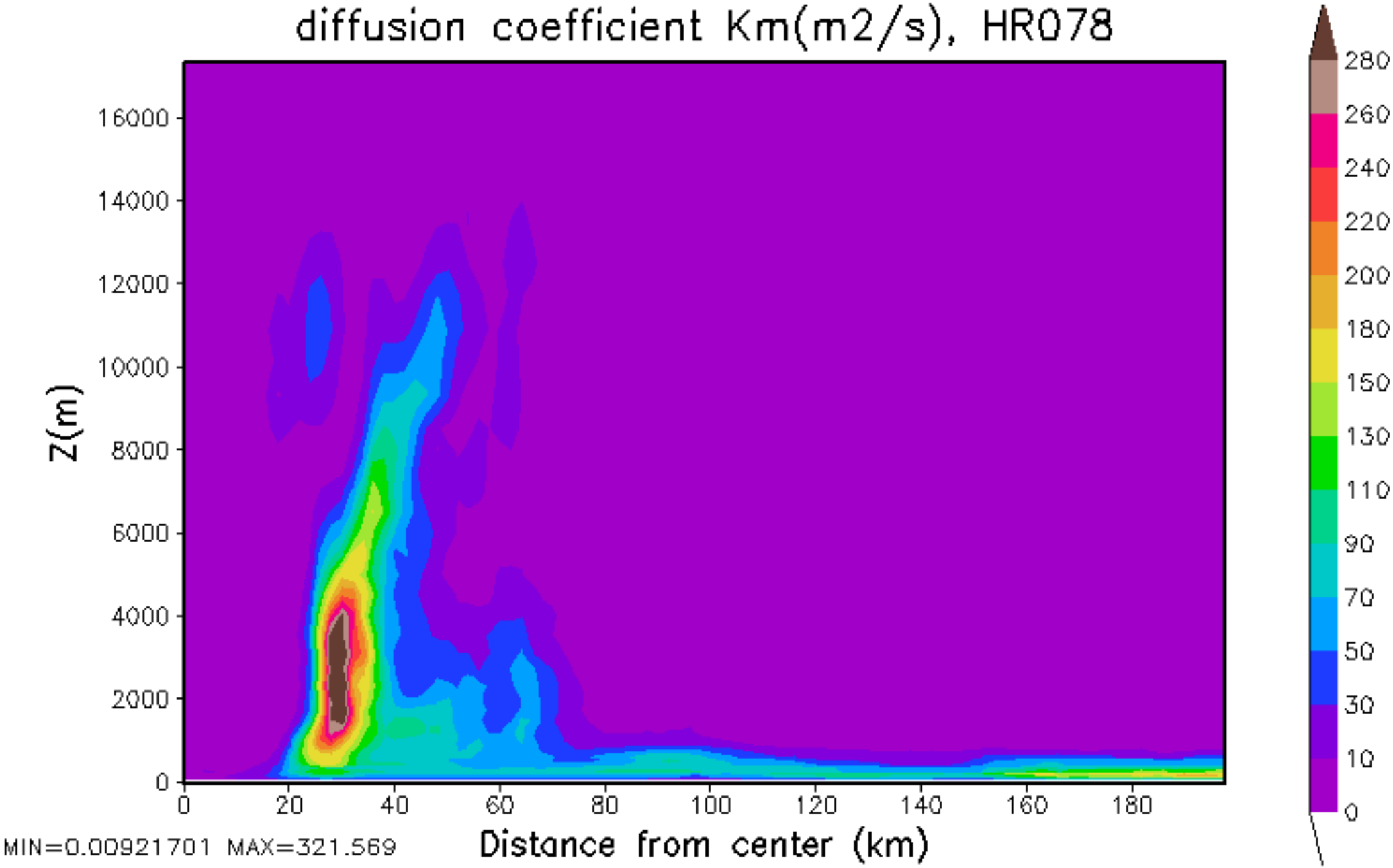
diffusion coefficient Km(m2/s), HR078
Z(m)
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12000
10000
8000
6000
4000
2000
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0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00921701 MAX=321.569
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260
240
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200
180
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130
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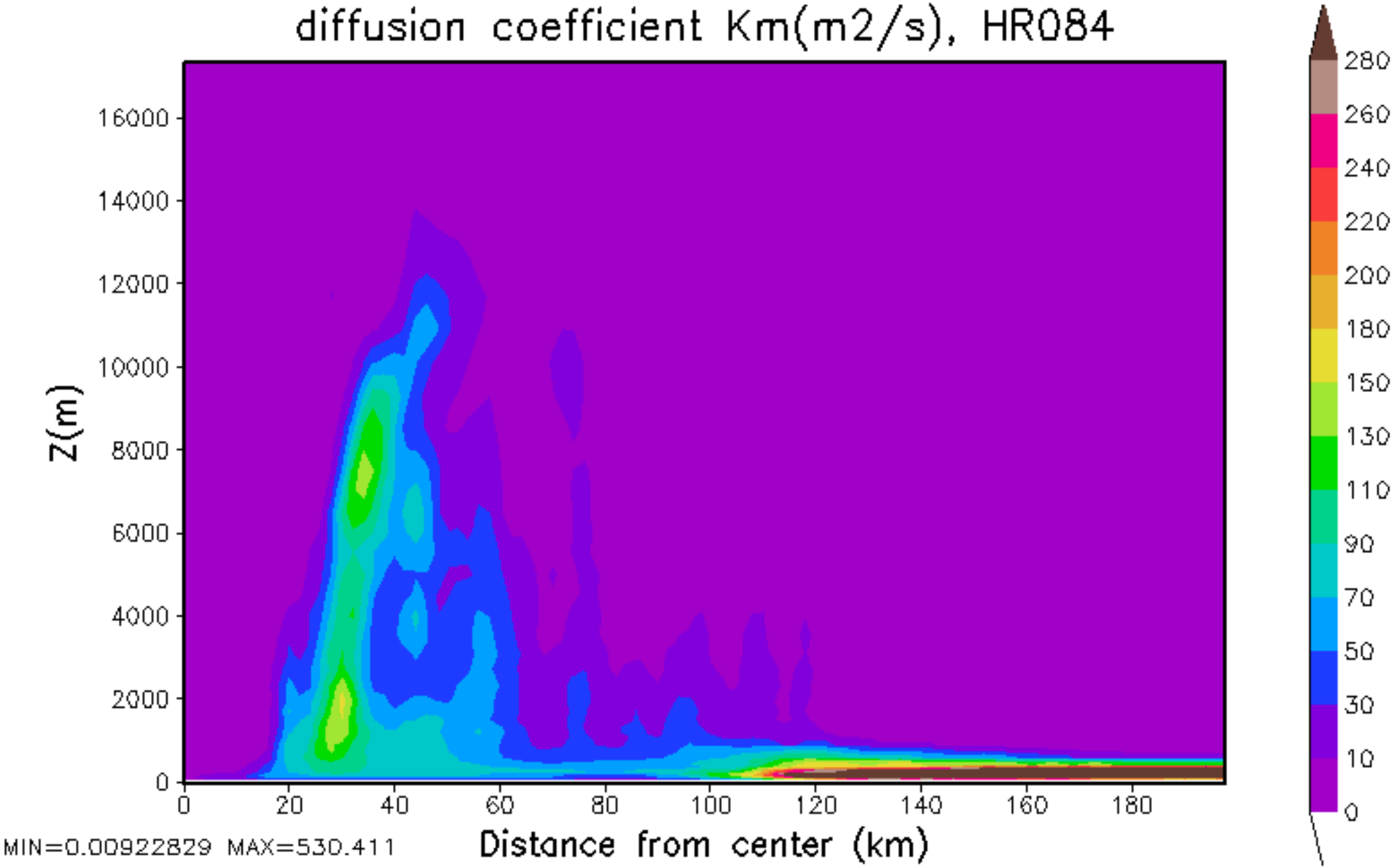
70
50
30
10
0


diffusion coefficient Km(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)
MIN=0.00922829 MAX=530.411
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260
240
220
200
180
150
130
110
90
70
50
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10
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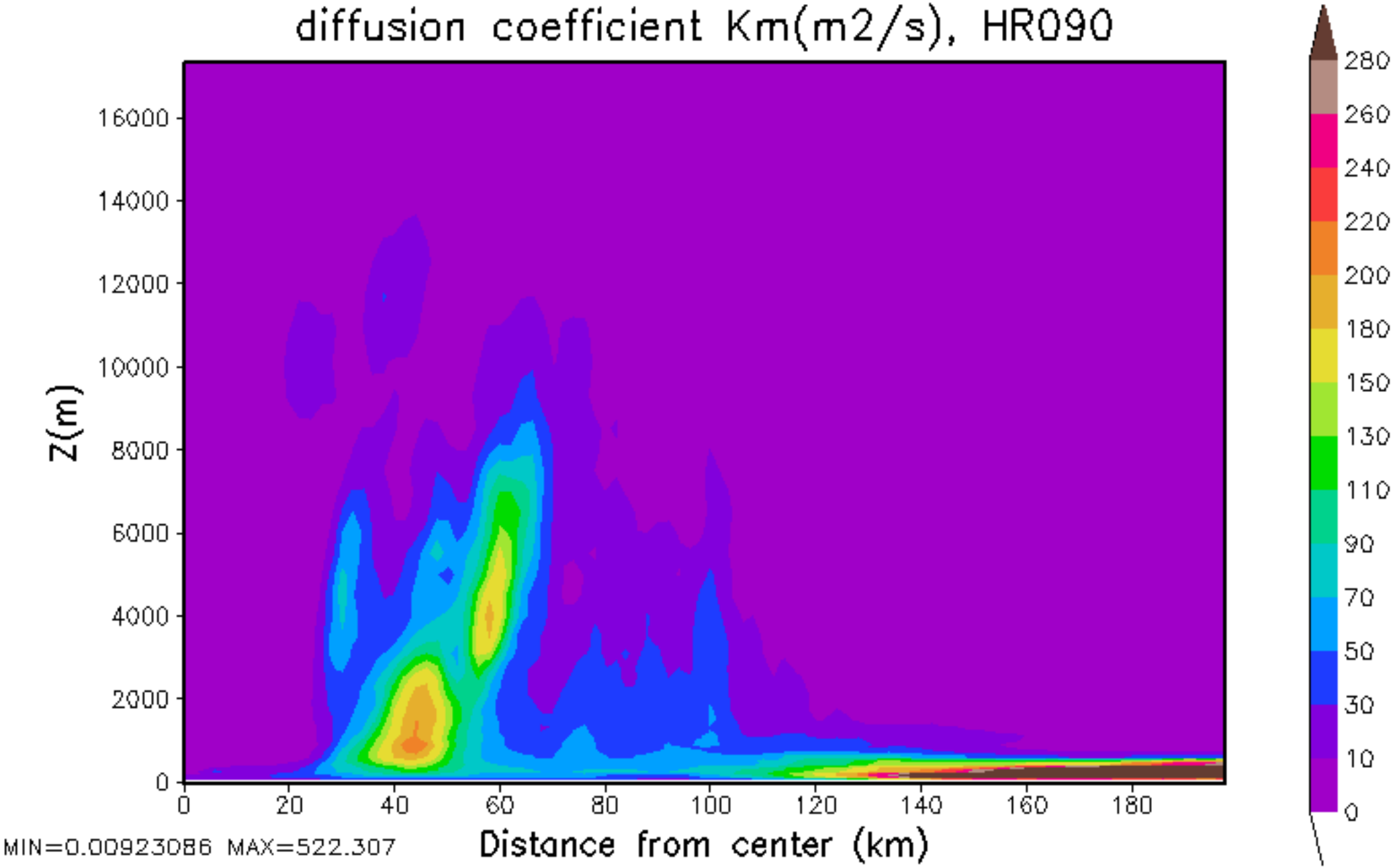
diffusion coefficient Km(m2/s), HR090
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923086 MAX=522.307
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260
240
220
200
180
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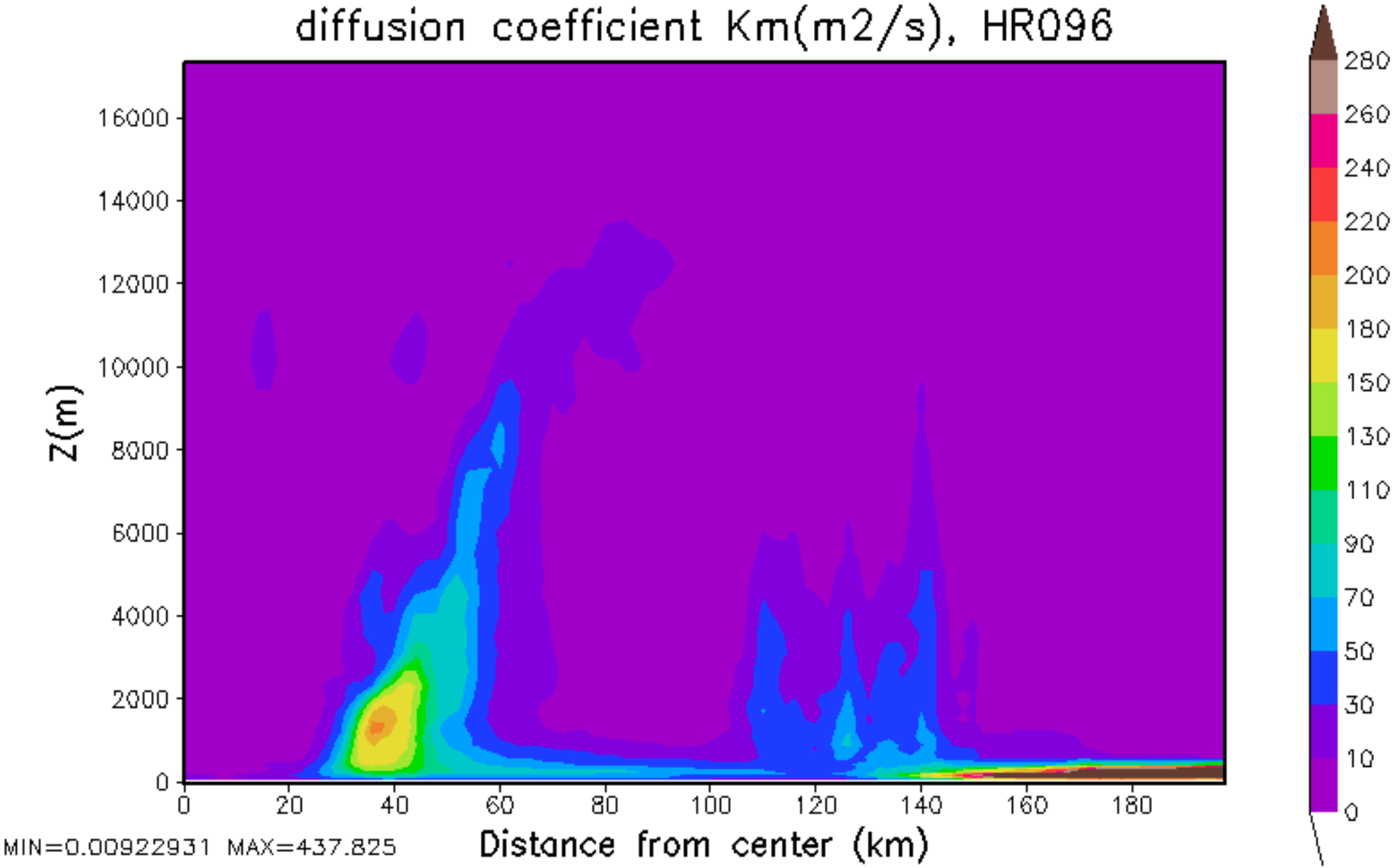
130
110
90
70
50
30
10
0


diffusion coefficient Km(m2/s), HR096
Z(m)
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12000
10000
8000
6000
4000
2000
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0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922931 MAX=437.825
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260
240
220
200
180
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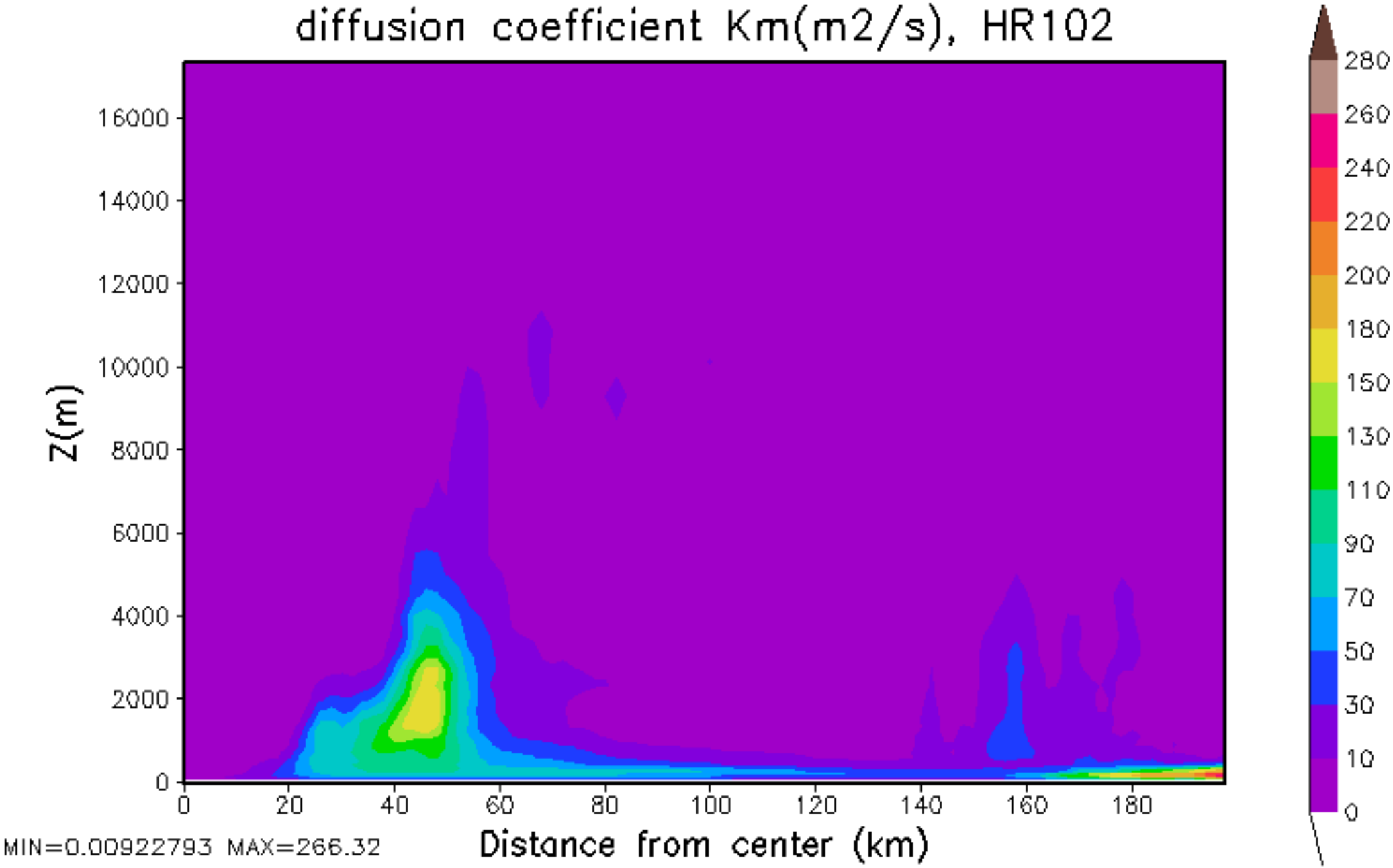
130
110
90
70
50
30
10
0


diffusion coefficient Km(m2/s), HR102
Z(m)
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10000
8000
6000
4000
2000
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0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922793 MAX=266.32
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260
240
220
200
180
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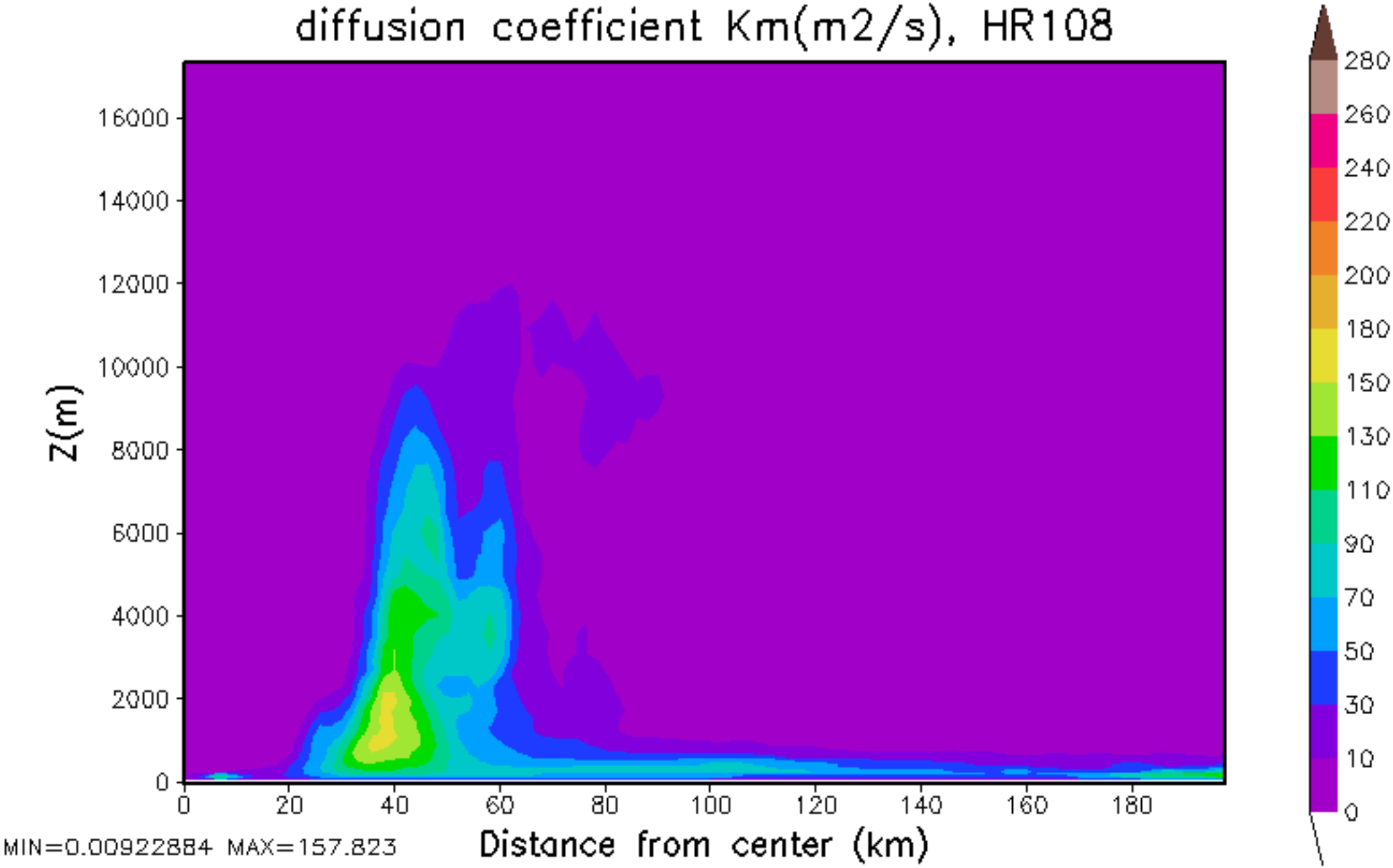
130
110
90
70
50
30
10
0


diffusion coefficient Km(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)
MIN=0.00922884 MAX=157.823
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260
240
220
200
180
150
130
110
90
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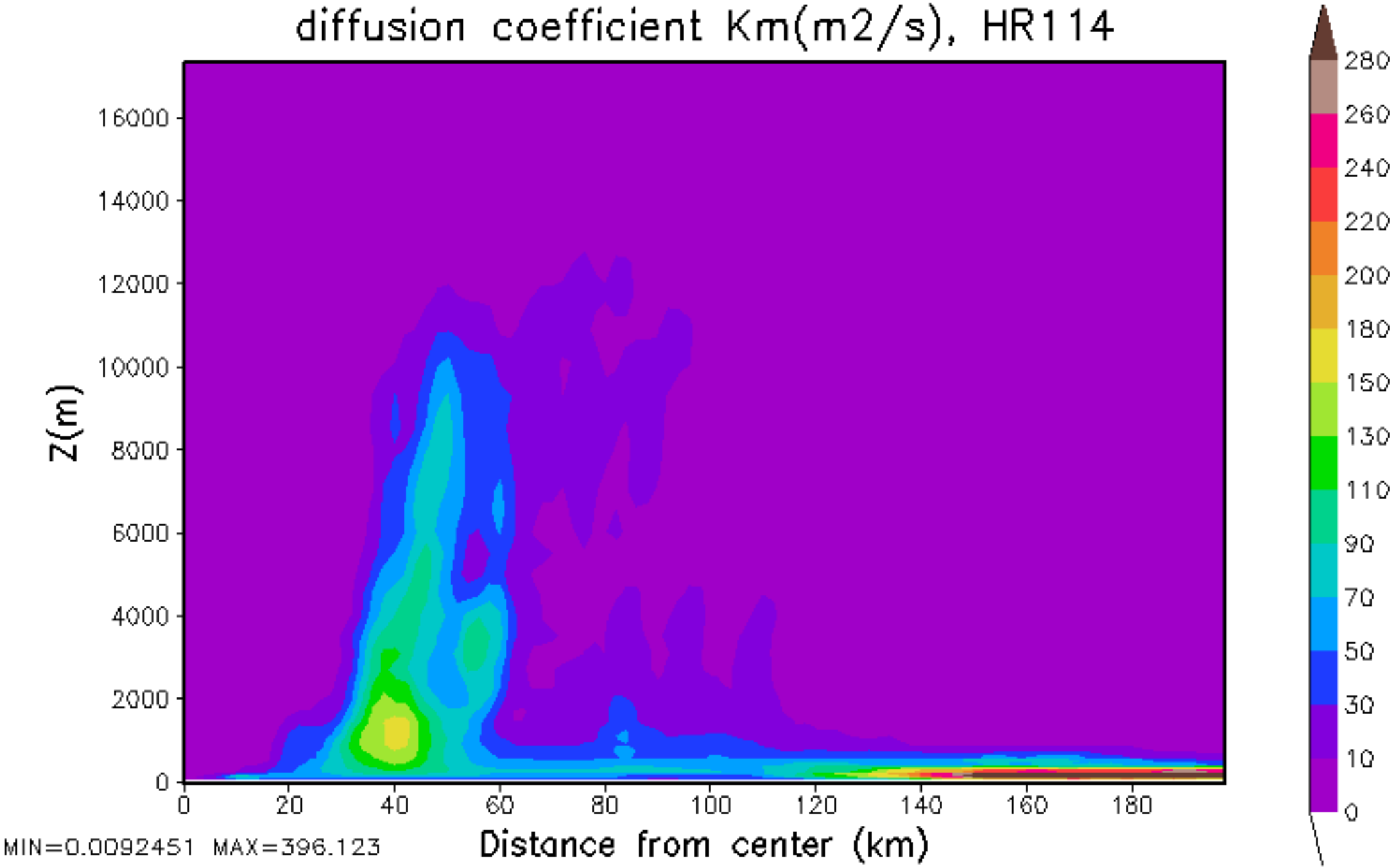
50
30
10
0


diffusion coefficient Km(m2/s), HR114
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=0.0092451 MAX=396.123
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260
240
220
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130
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50
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10
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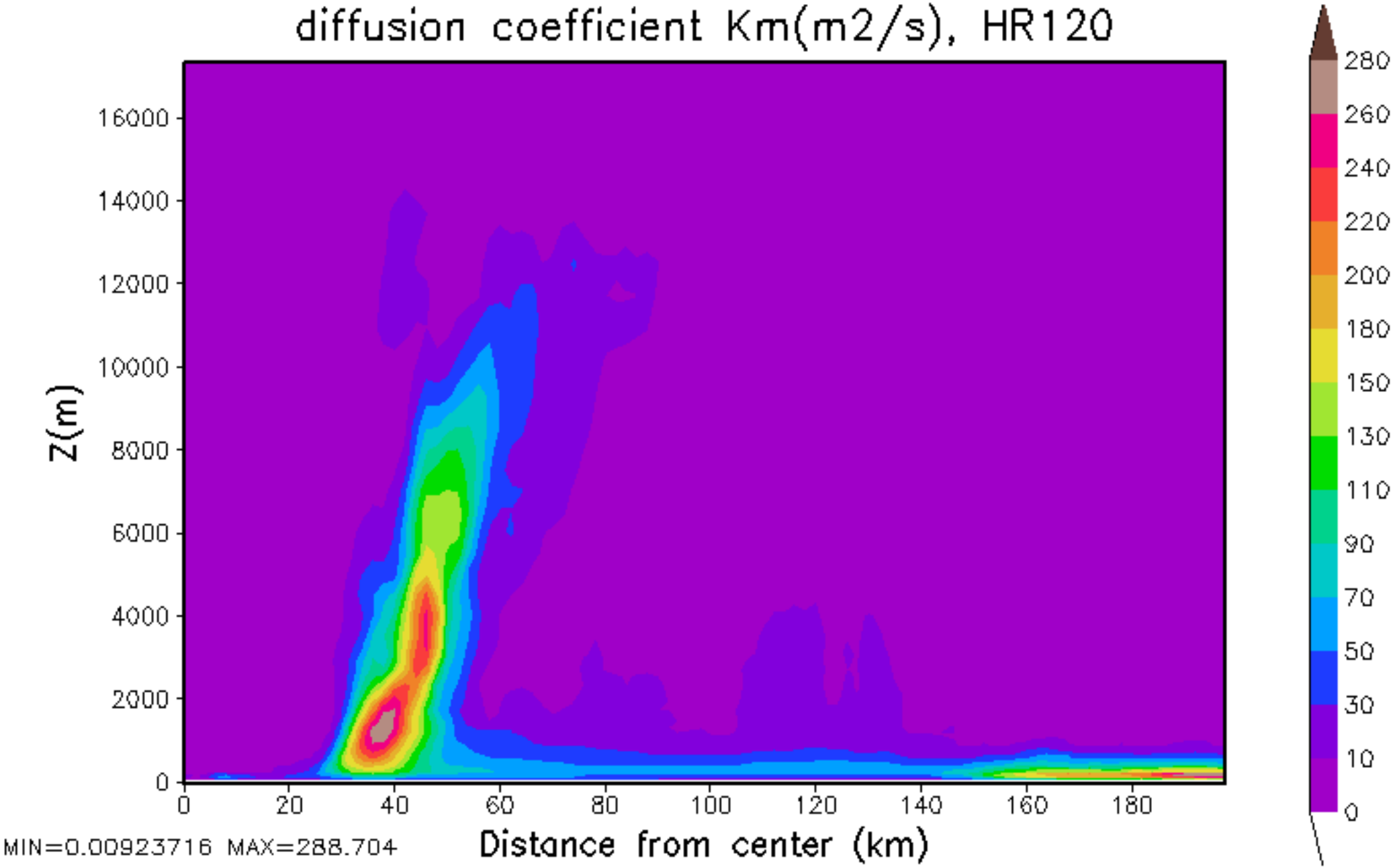
diffusion coefficient Km(m2/s), HR120
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923716 MAX=288.704
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260
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220
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130
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50
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10
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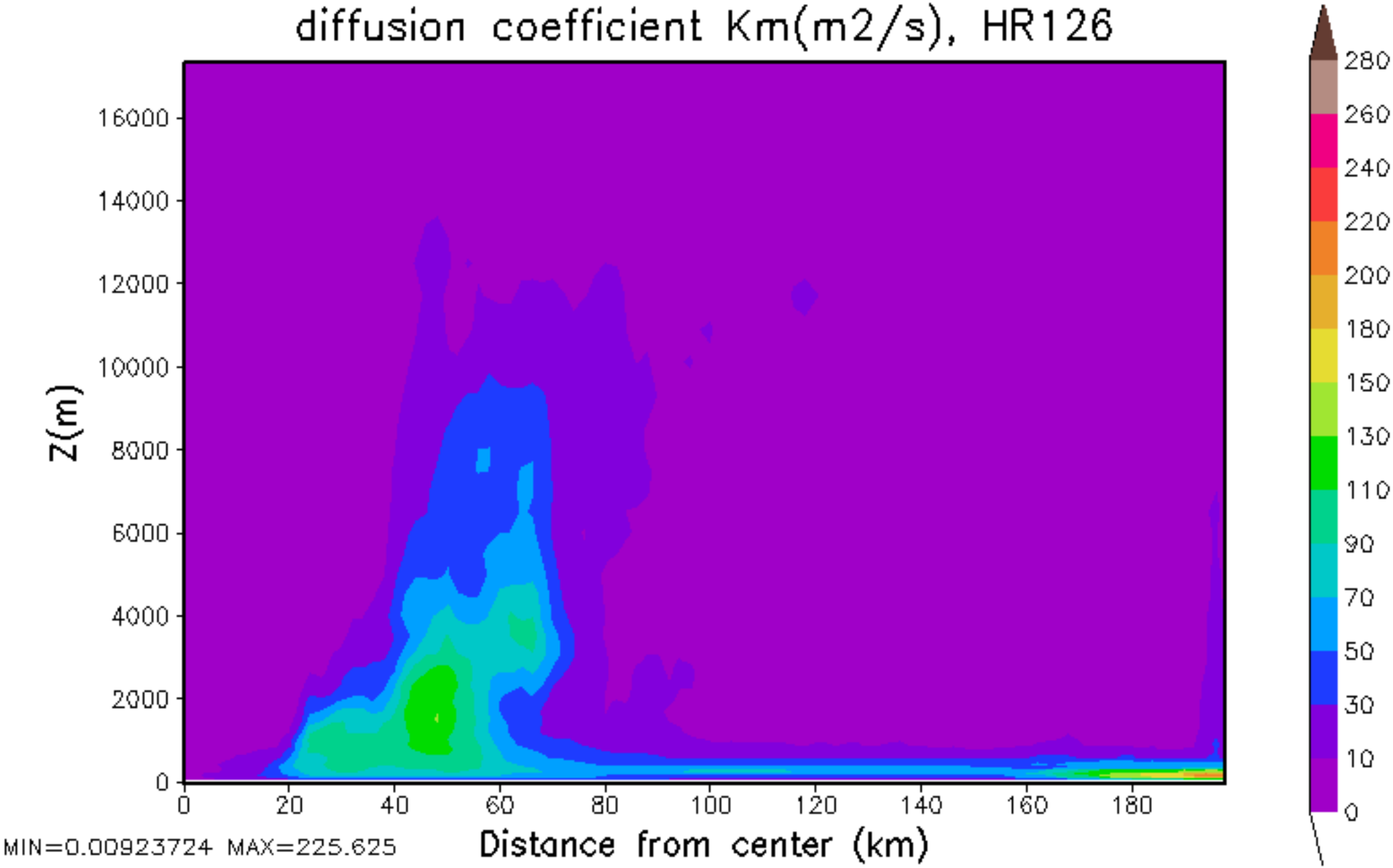
diffusion coefficient Km(m2/s), HR126
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923724 MAX=225.625
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260
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220
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130
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50
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10
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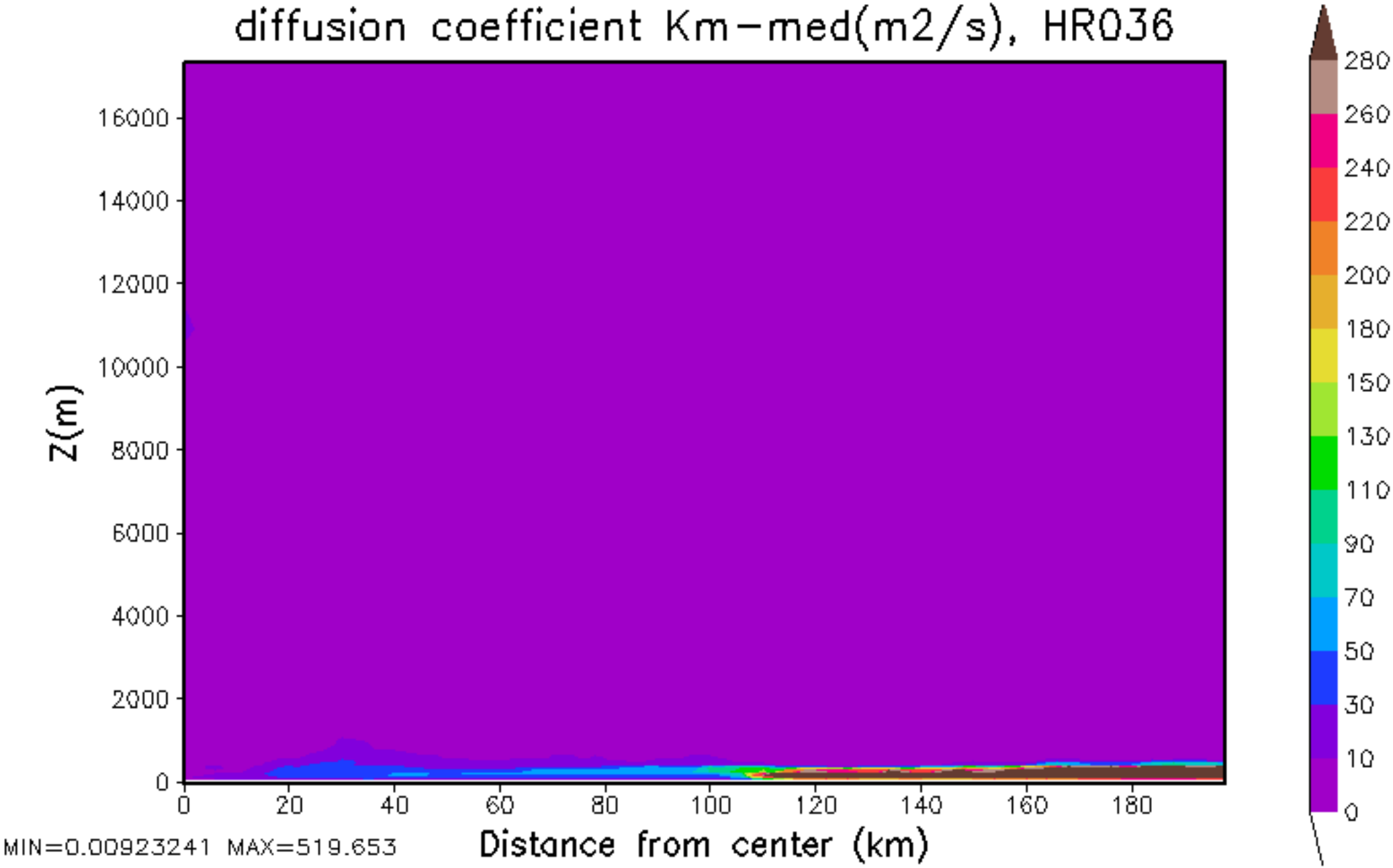
diffusion coefficient Km-med(m2/s), HR036
Z(m)
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12000
10000
8000
6000
4000
2000
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0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923241 MAX=519.653
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260
240
220
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180
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130
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90
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50
30
10
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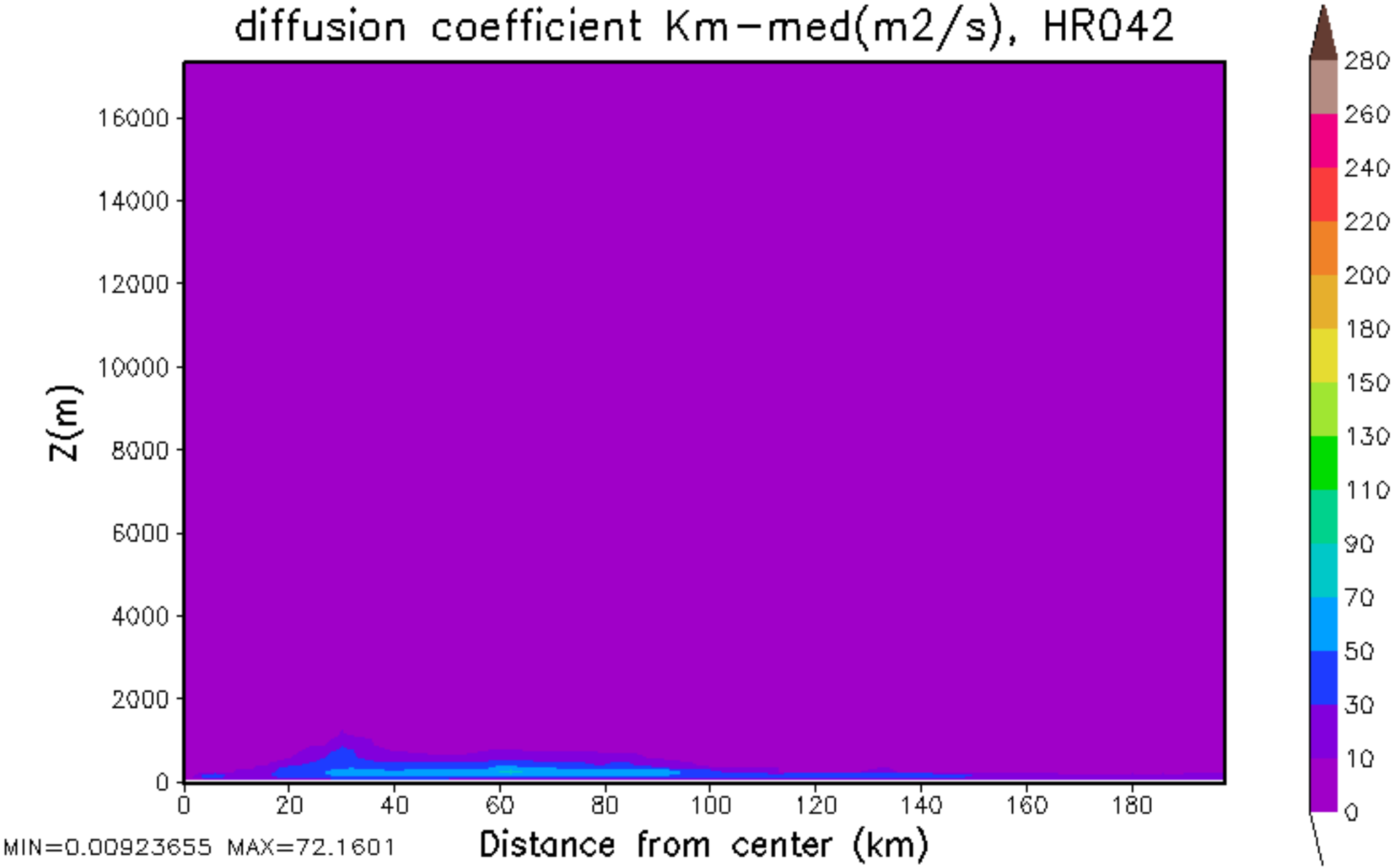
diffusion coefficient Km-med(m2/s), HR042
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923655 MAX=72.1601
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260
240
220
200
180
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130
110
90
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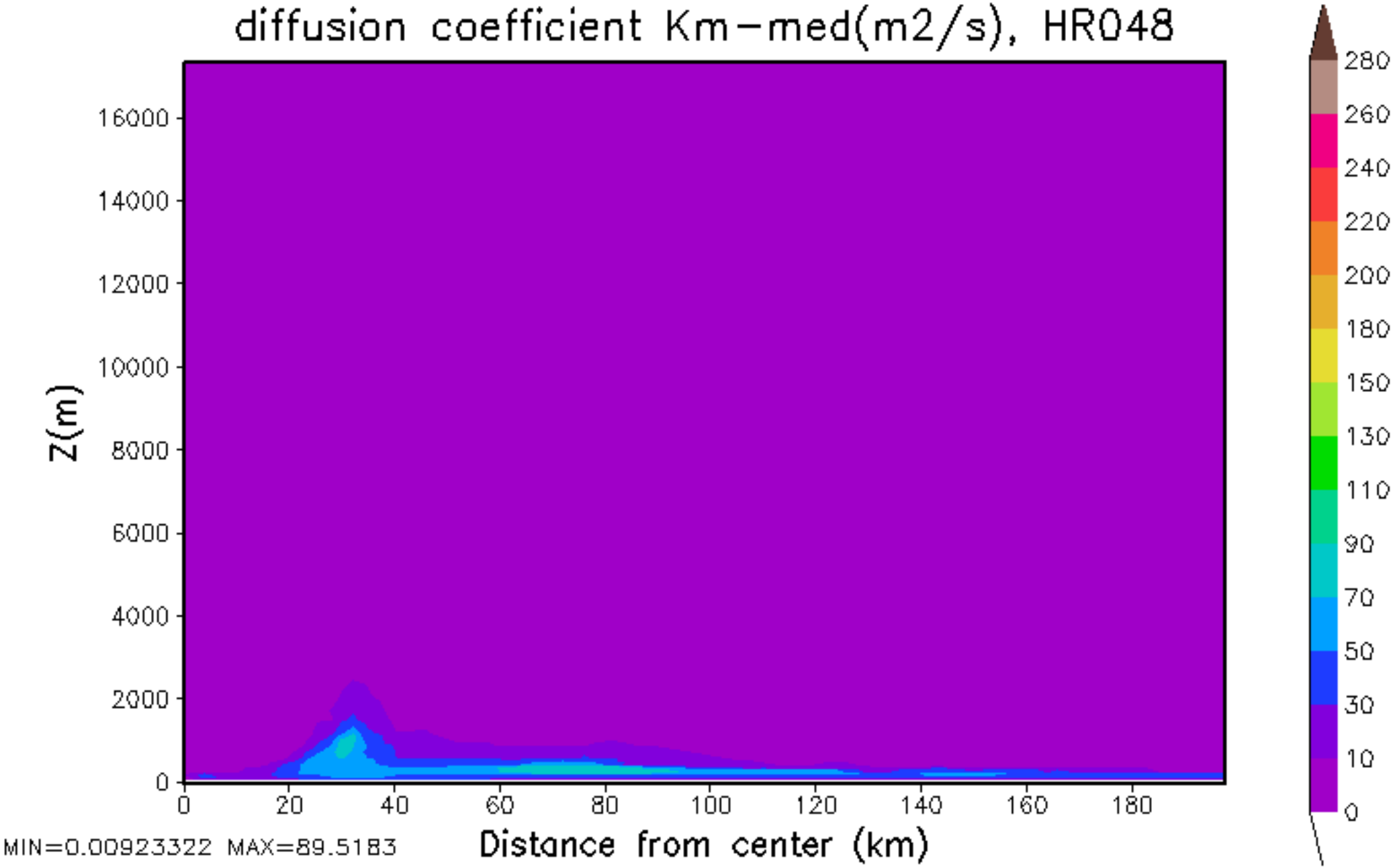
50
30
10
0


diffusion coefficient Km-med(m2/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=0.00923322 MAX=89.5183
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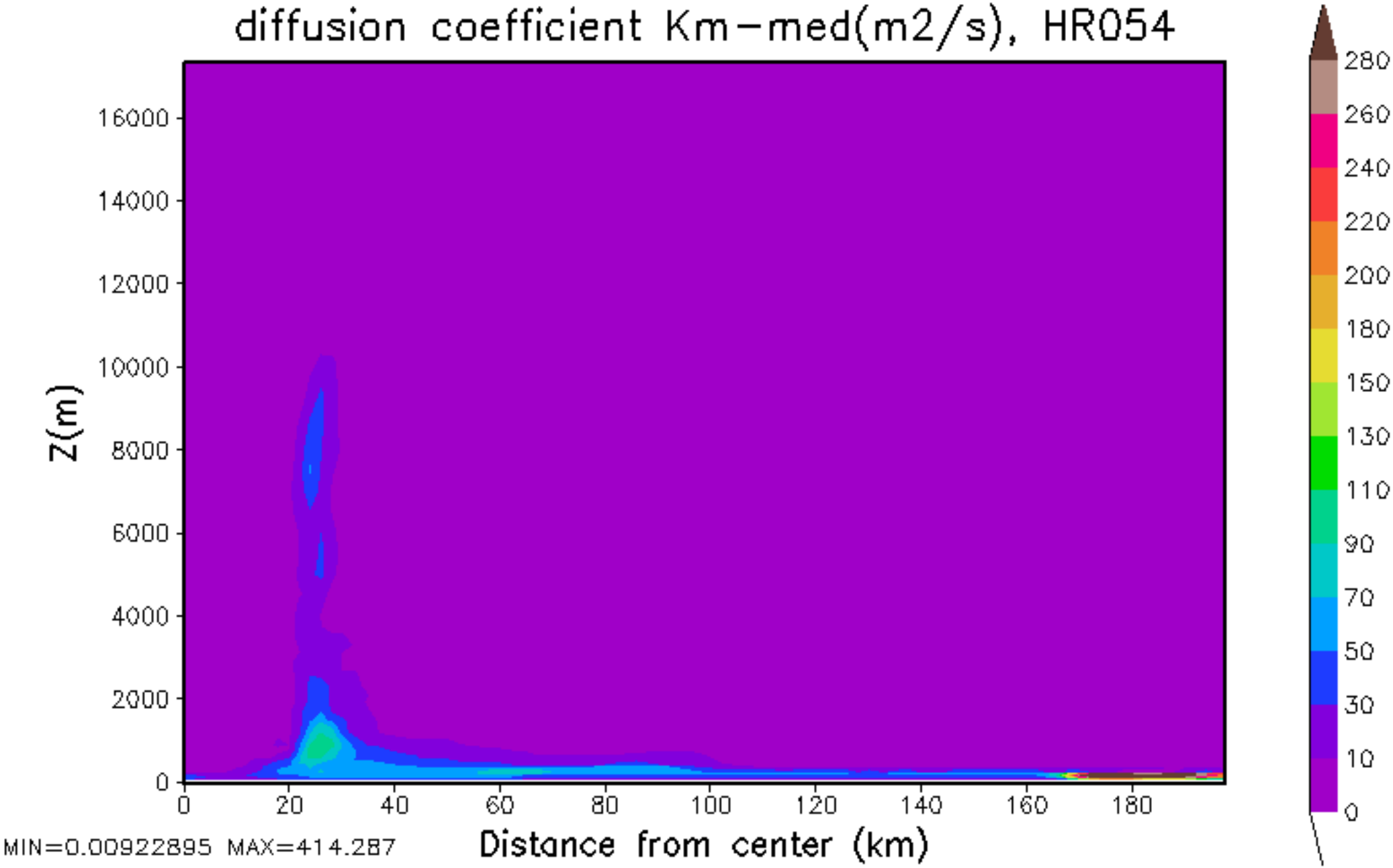
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/s), HR054
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=0.00922895 MAX=414.287
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220
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130
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50
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10
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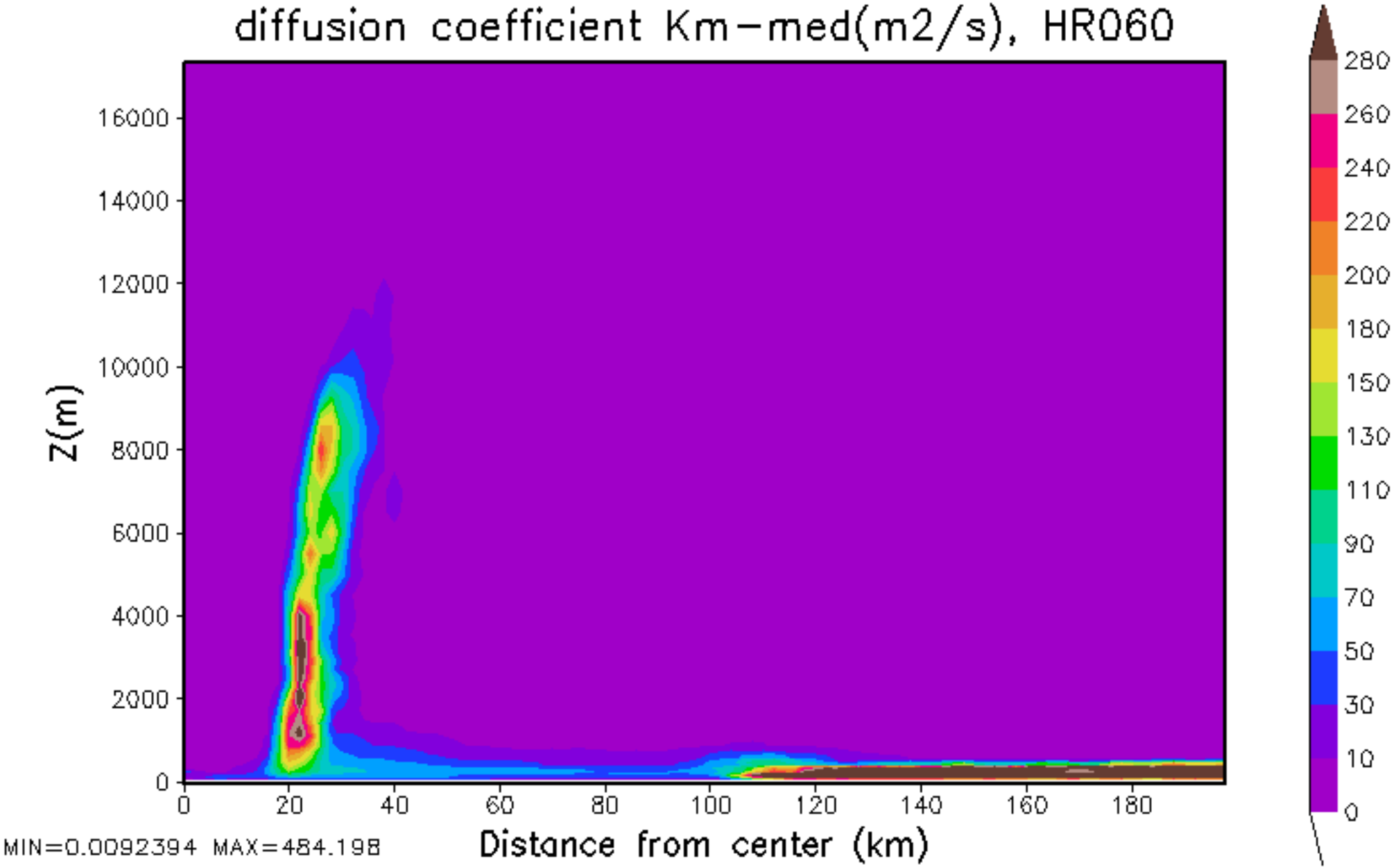
diffusion coefficient Km-med(m2/s), HR060
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0092394 MAX=484.198
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260
240
220
200
180
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130
110
90
70
50
30
10
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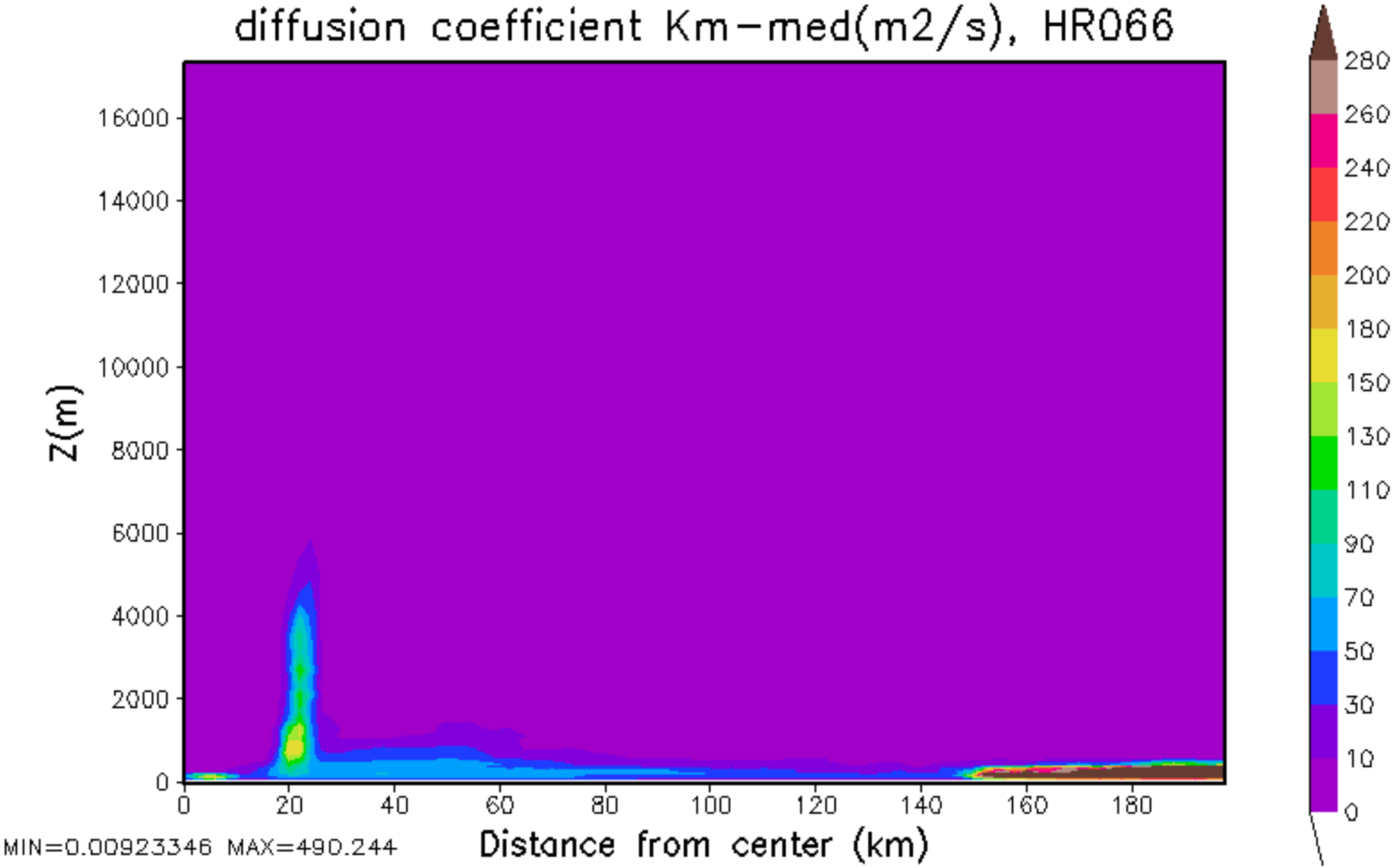
diffusion coefficient Km-med(m2/s), HR066
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923346 MAX=490.244
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260
240
220
200
180
150
130
110
90
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50
30
10
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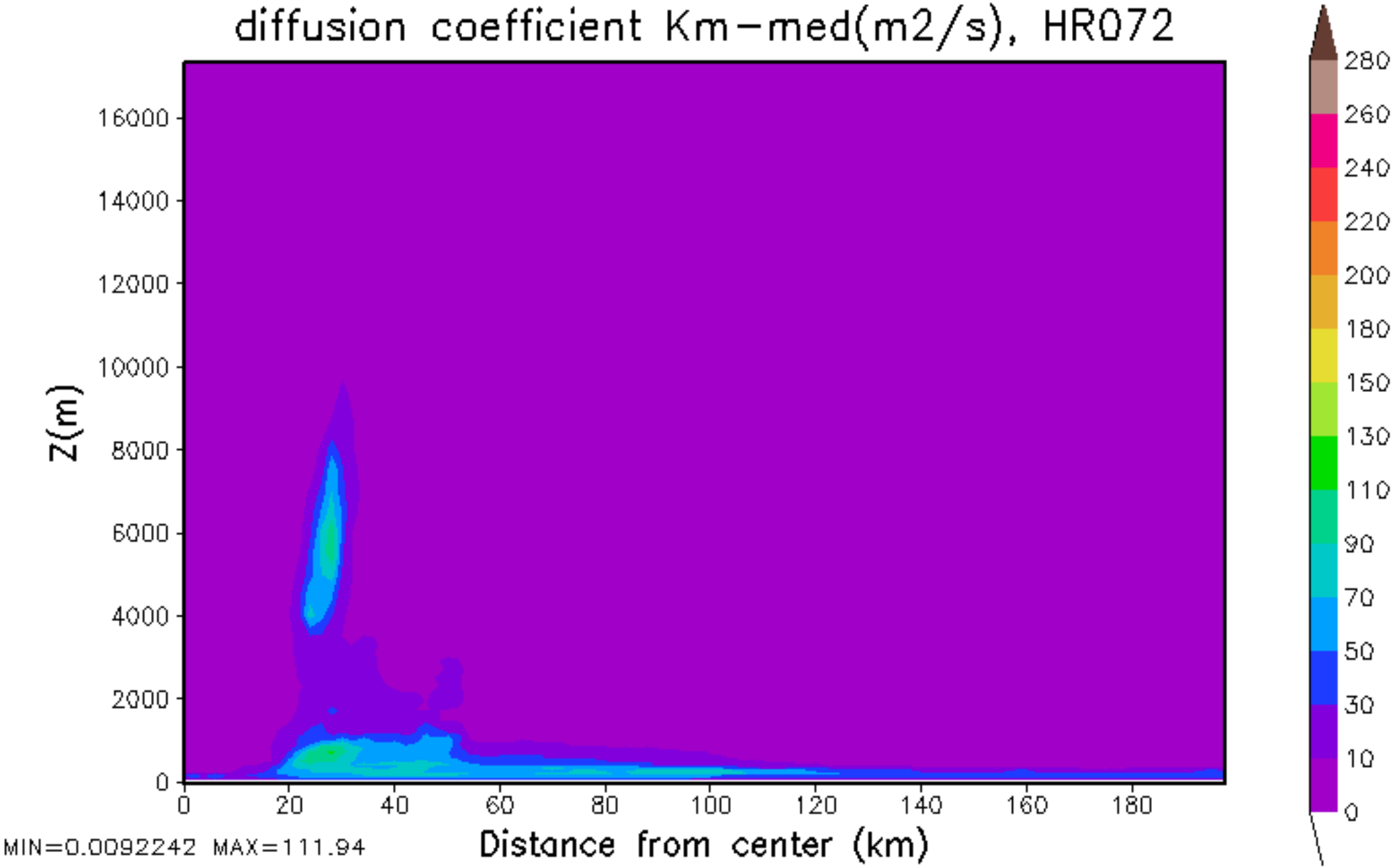
diffusion coefficient Km-med(m2/s), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0092242 MAX=111.94
280
260
240
220
200
180
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130
110
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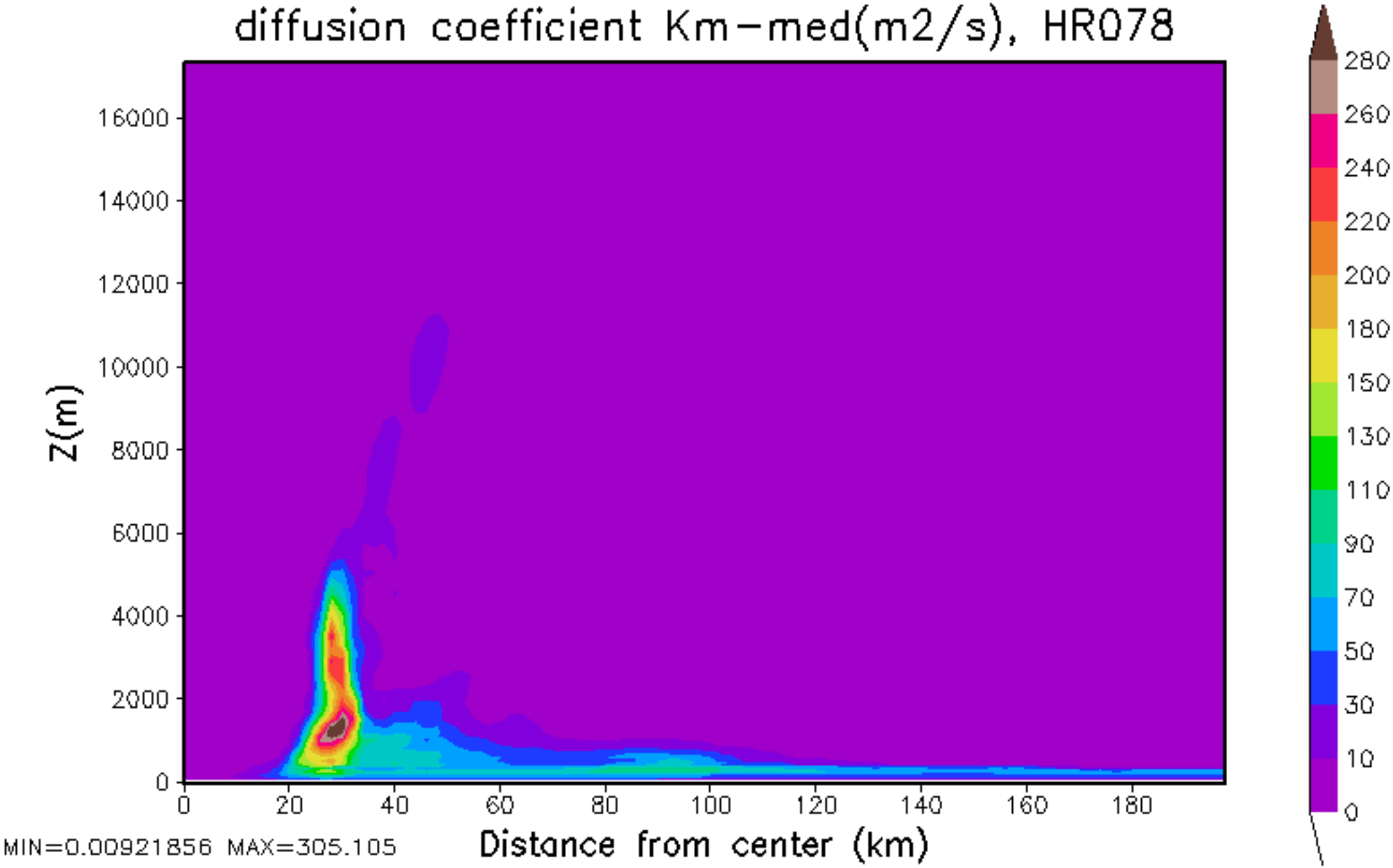
50
30
10
0


diffusion coefficient Km-med(m2/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=0.00921856 MAX=305.105
280
260
240
220
200
180
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130
110
90
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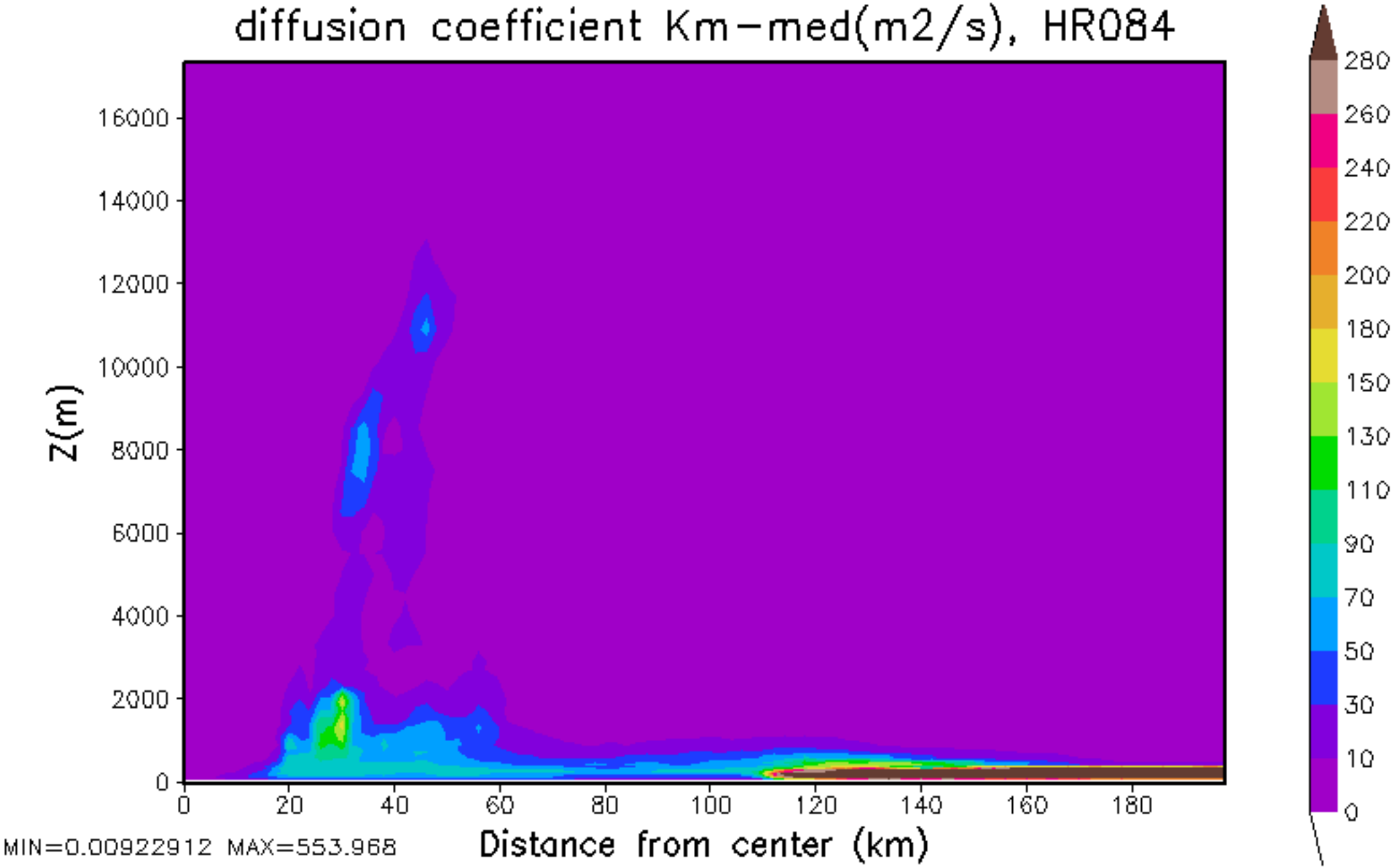
50
30
10
0


diffusion coefficient Km-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)
MIN=0.00922912 MAX=553.968
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260
240
220
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180
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130
110
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10
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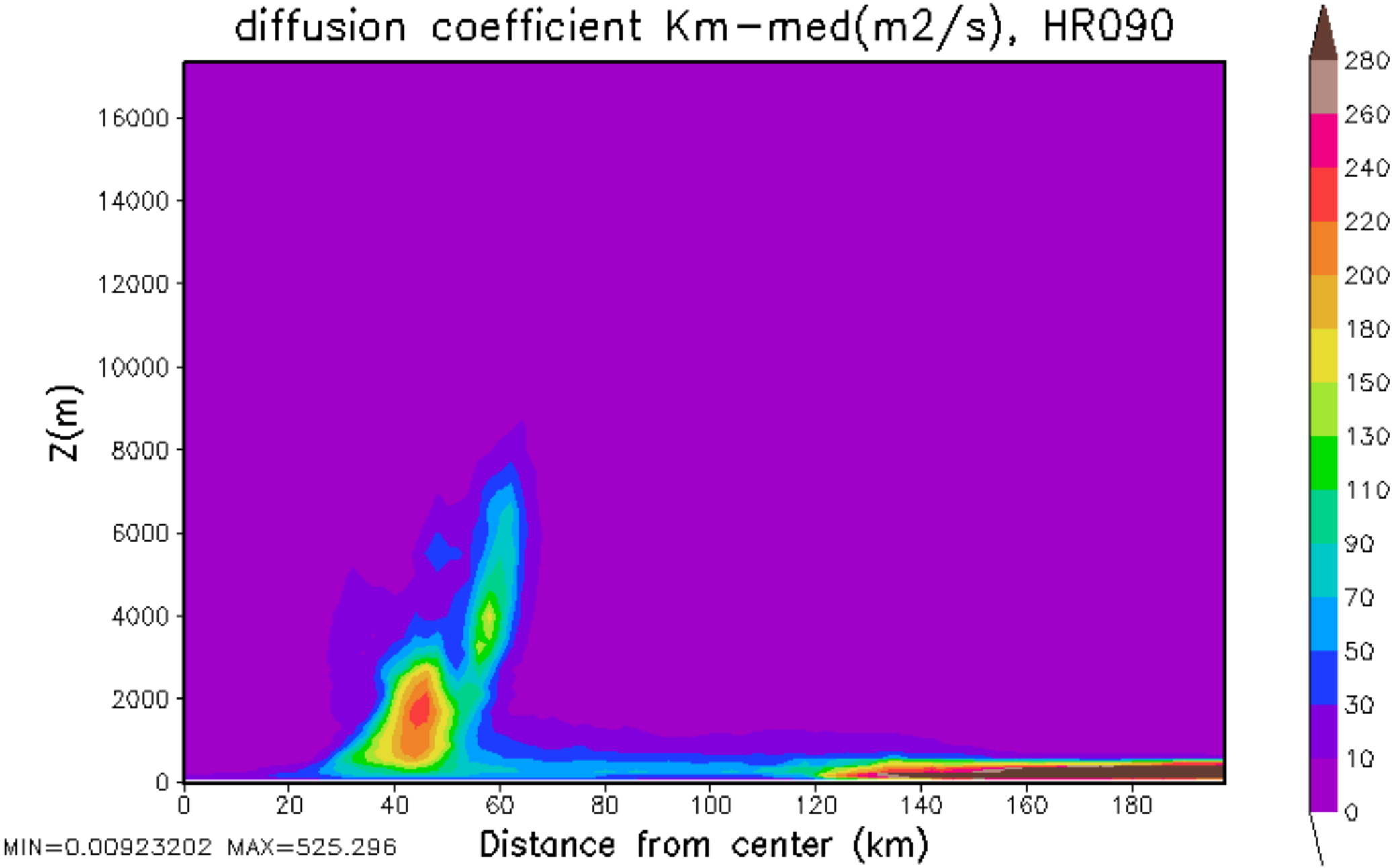
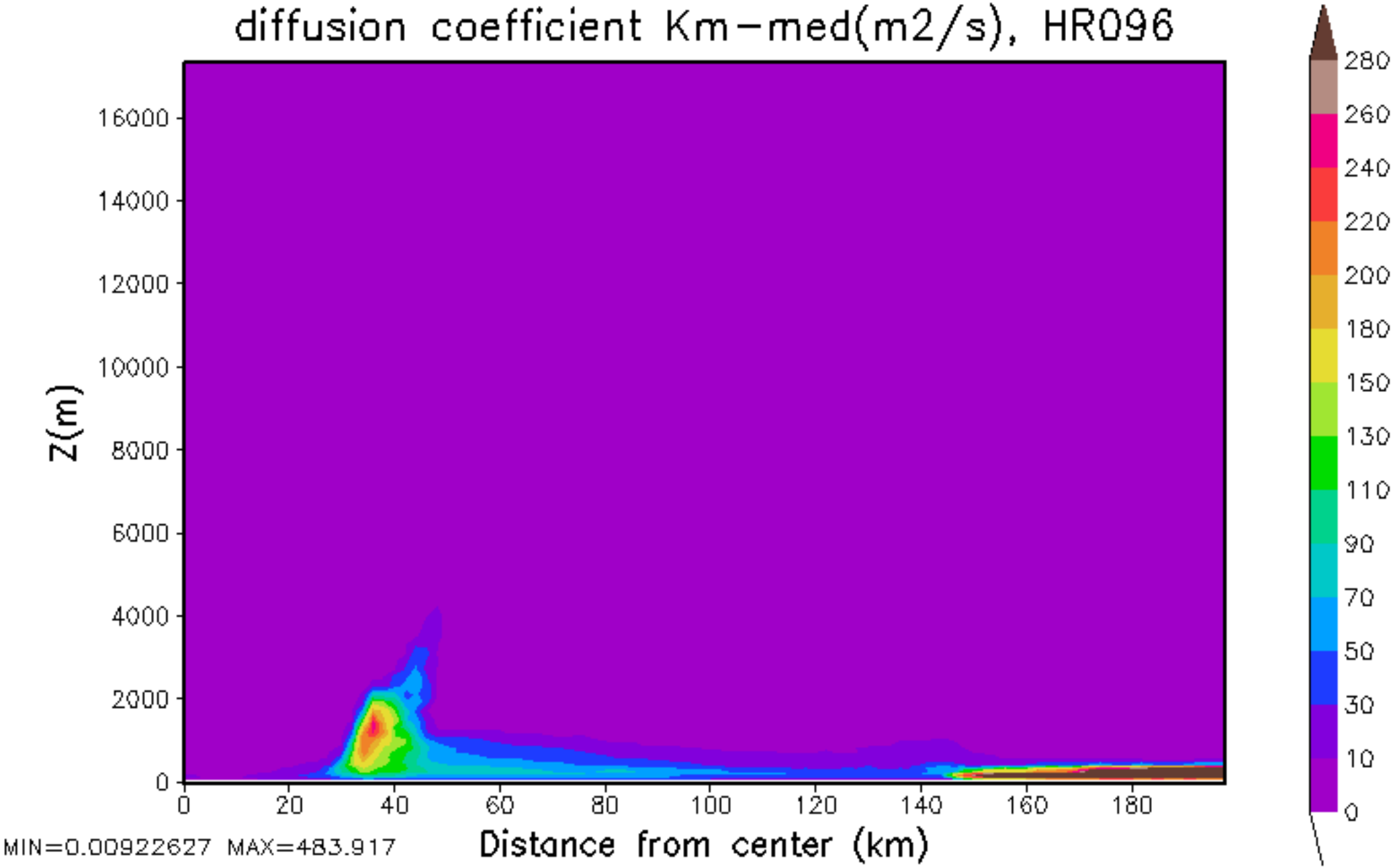

diffusion coefficient Km-med(m2/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923202 MAX=525.296
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/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=0.00922627 MAX=483.917
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260
240
220
200
180
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130
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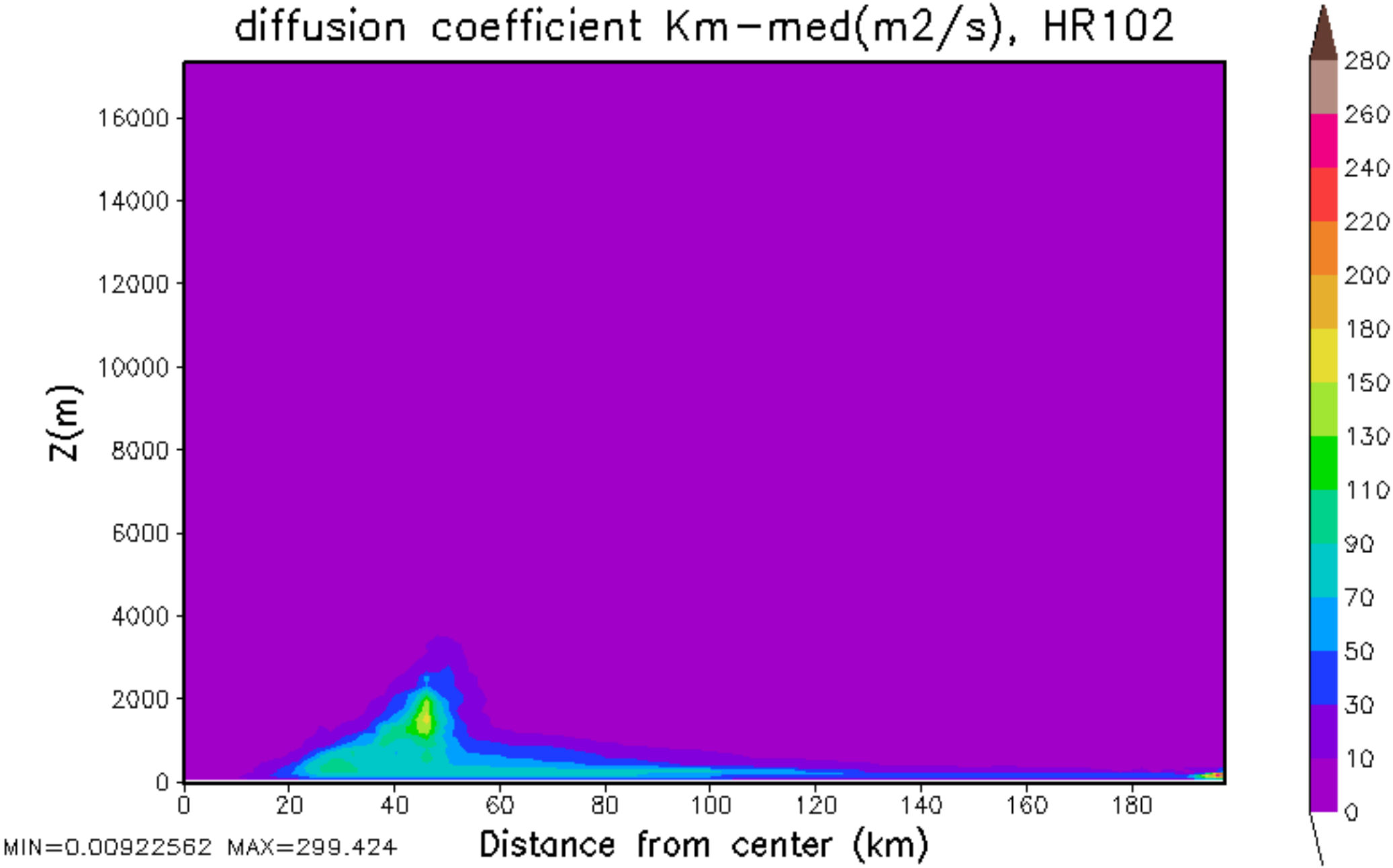
50
30
10
0


diffusion coefficient Km-med(m2/s), HR102
Z(m)
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10000
8000
6000
4000
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0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922562 MAX=299.424
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260
240
220
200
180
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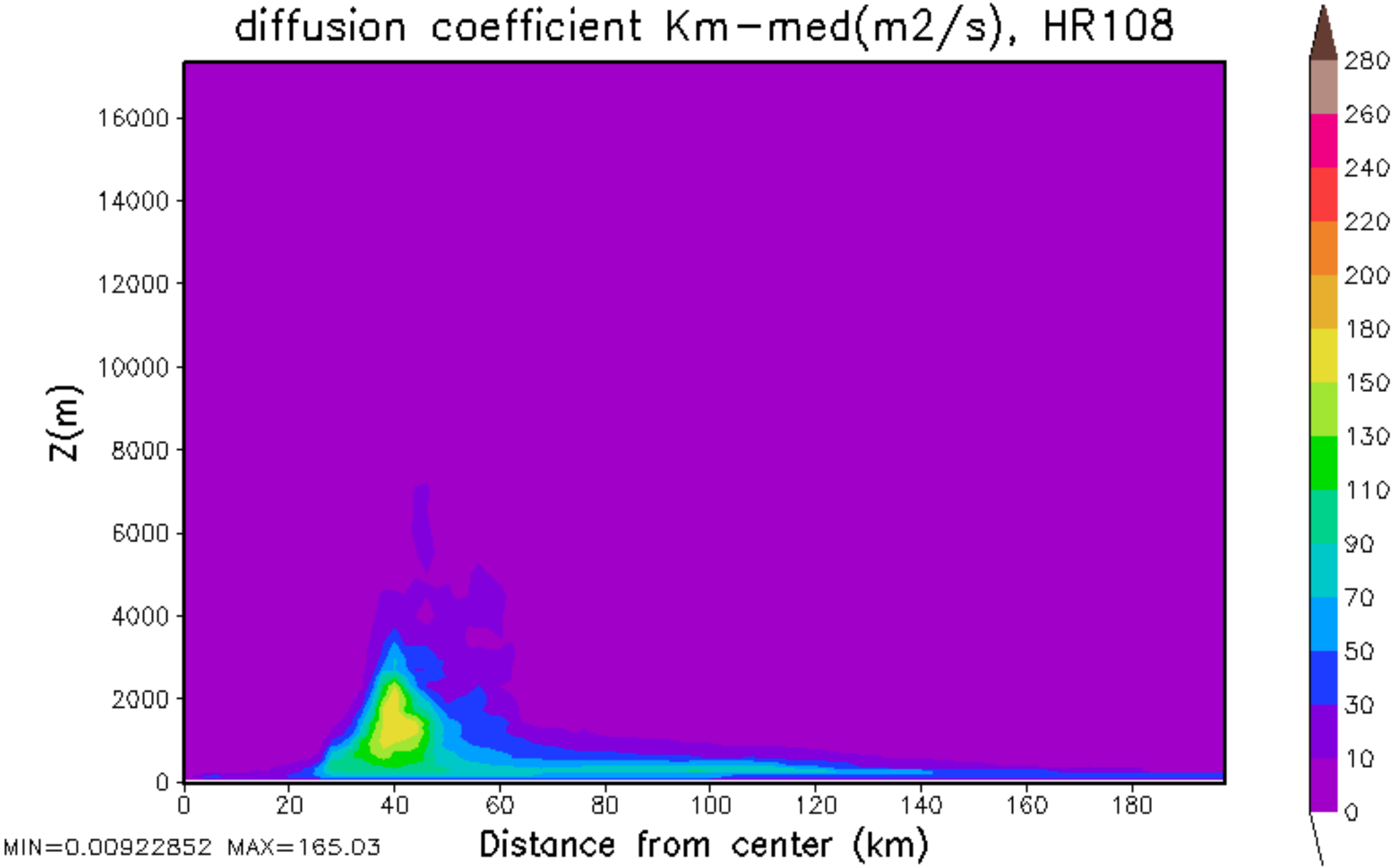
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/s), HR108
Z(m)
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10000
8000
6000
4000
2000
0
0
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60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922852 MAX=165.03
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260
240
220
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180
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130
110
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50
30
10
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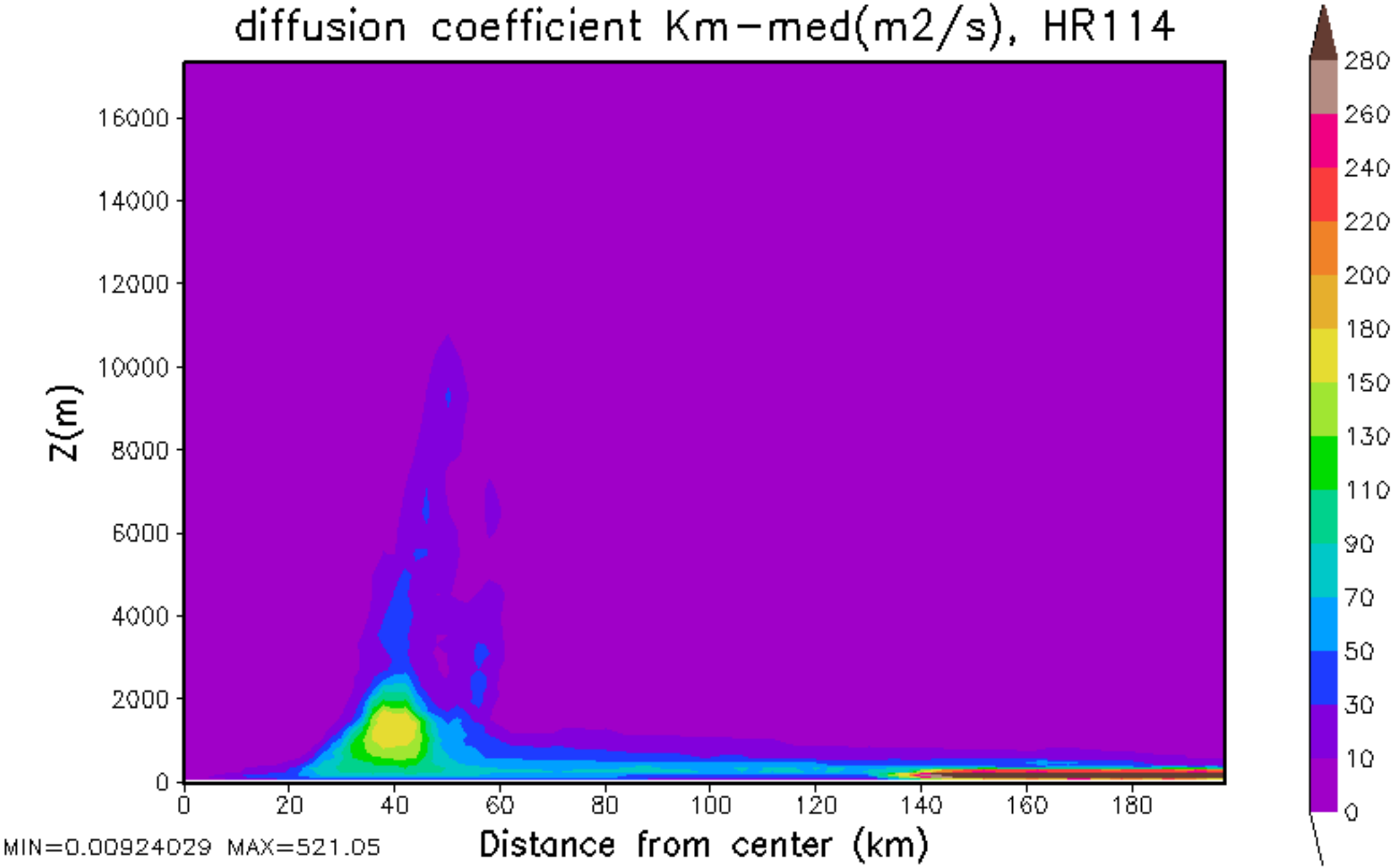
diffusion coefficient Km-med(m2/s), HR114
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924029 MAX=521.05
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260
240
220
200
180
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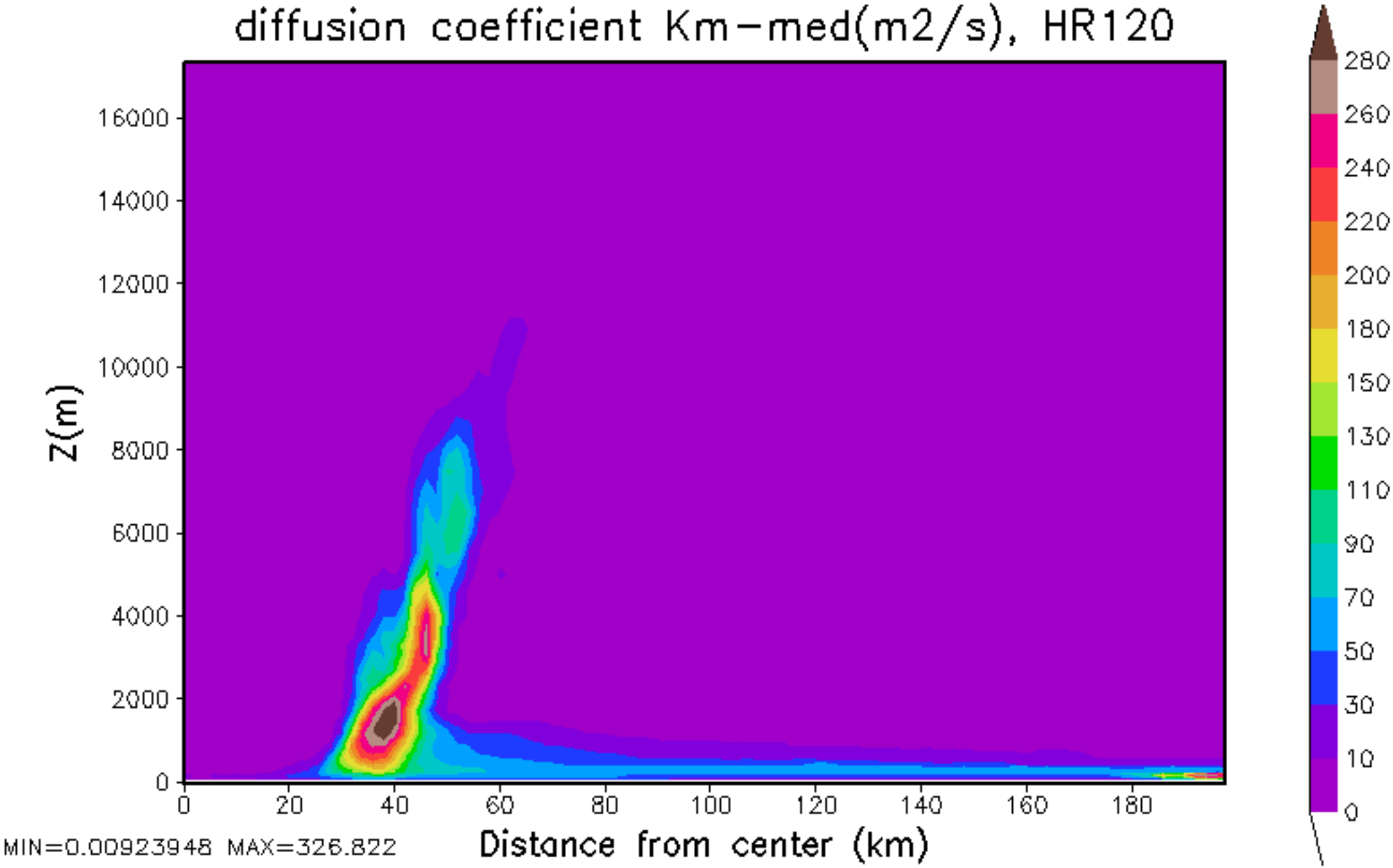
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/s), HR120
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)
MIN=0.00923948 MAX=326.822
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260
240
220
200
180
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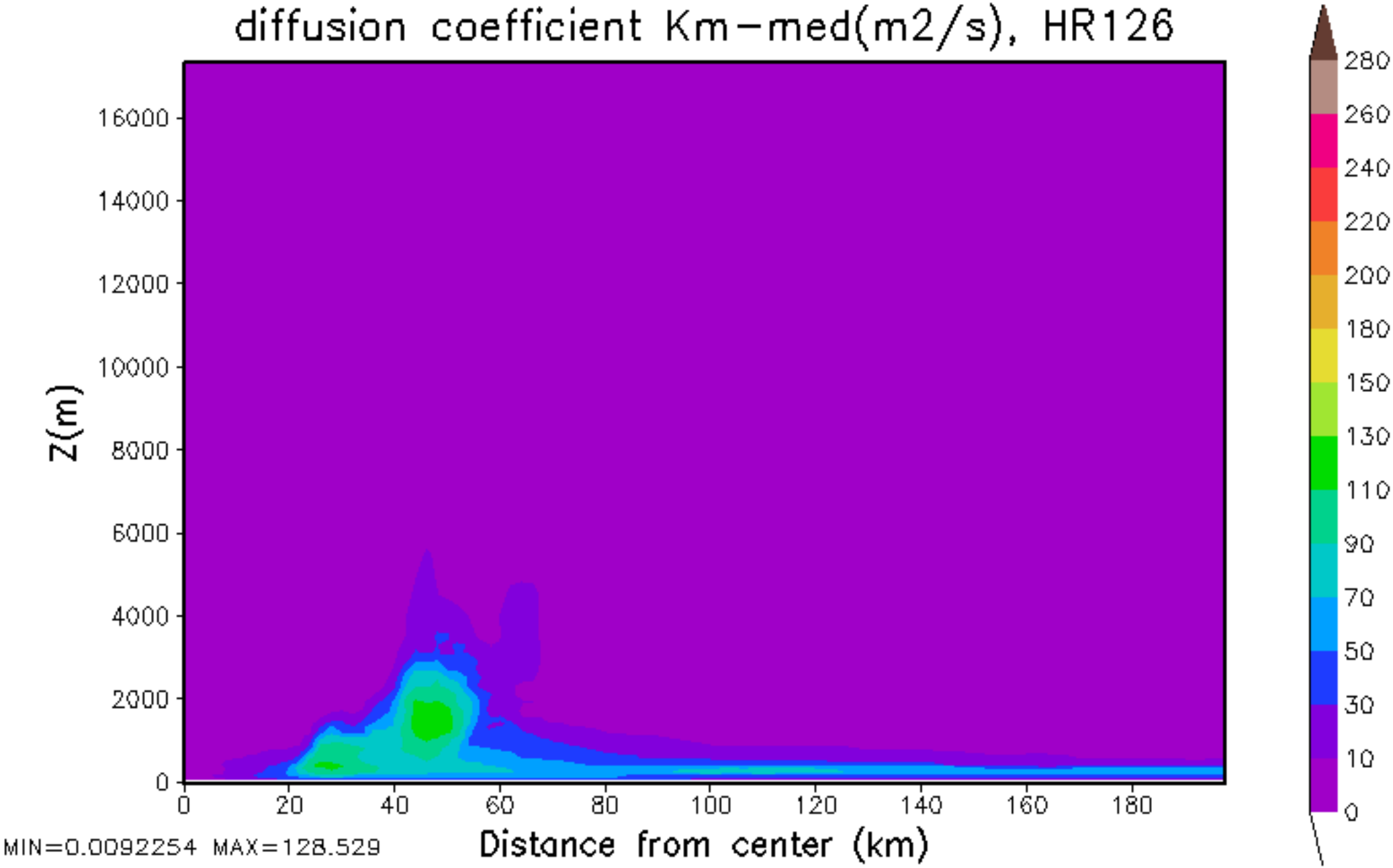
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/s), HR126
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=0.0092254 MAX=128.529
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260
240
220
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180
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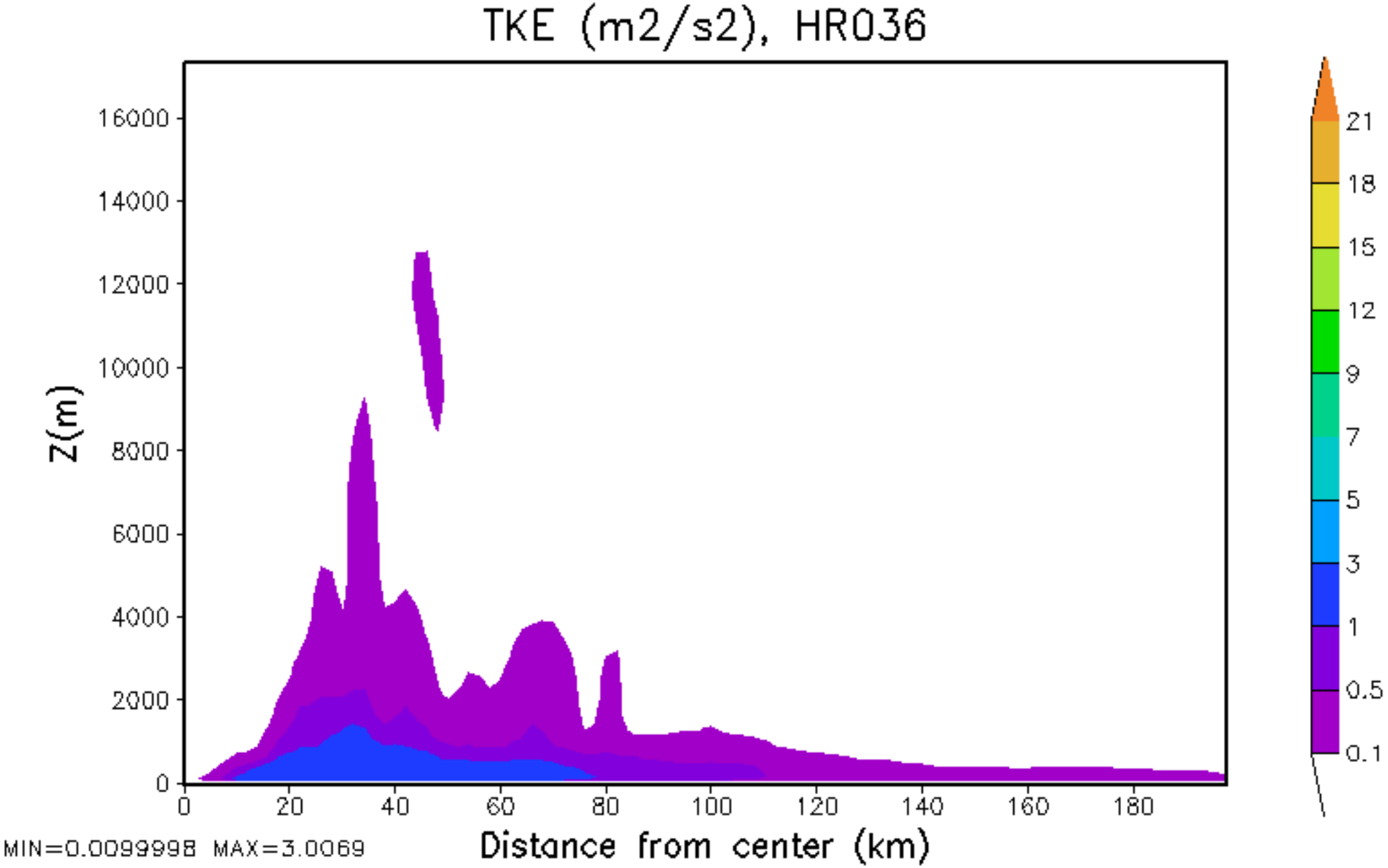
130
110
90
70
50
30
10
0


TKE (m2/s2), HR036
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=0.0099998 MAX=3.0069
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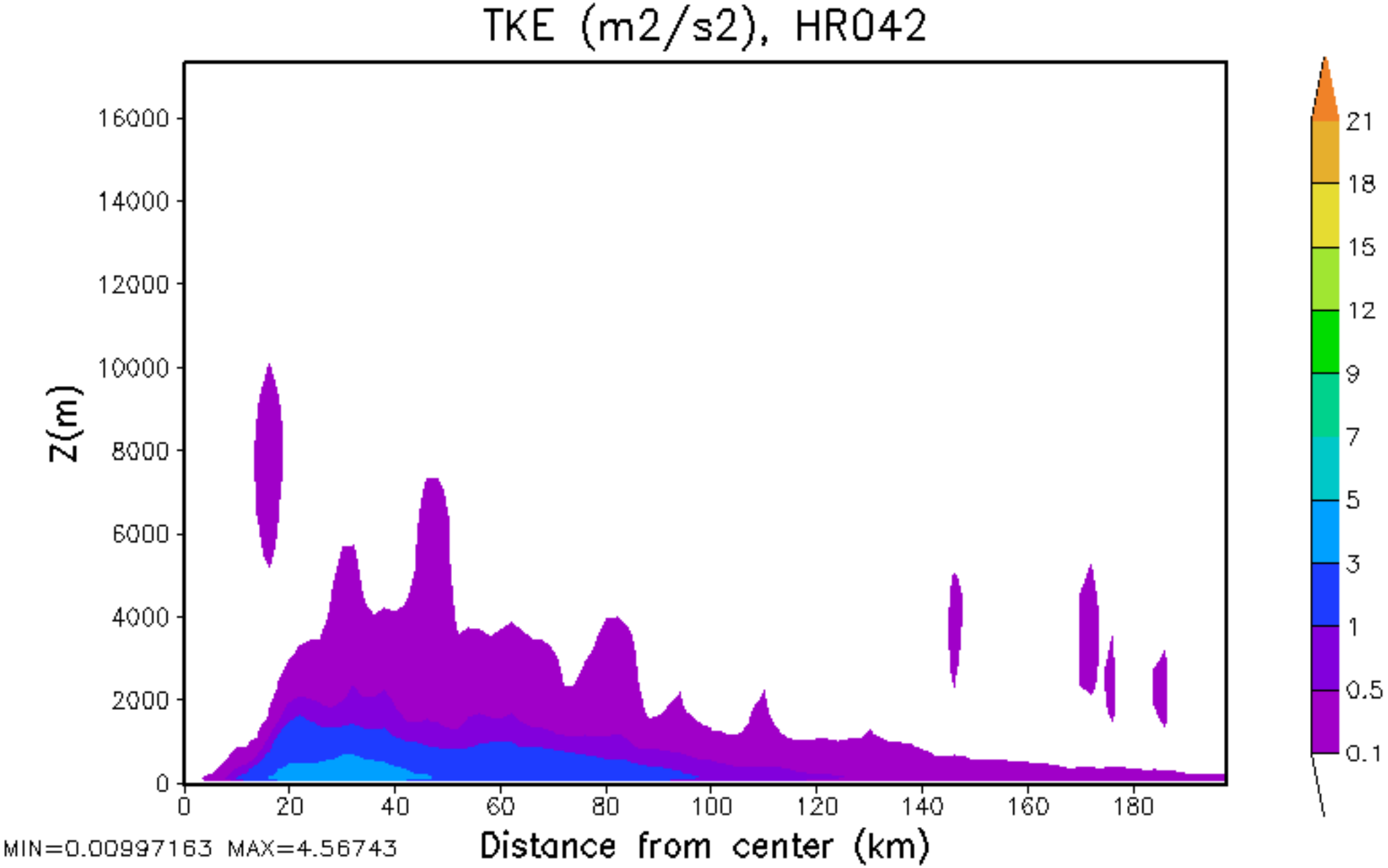
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), HR042
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)
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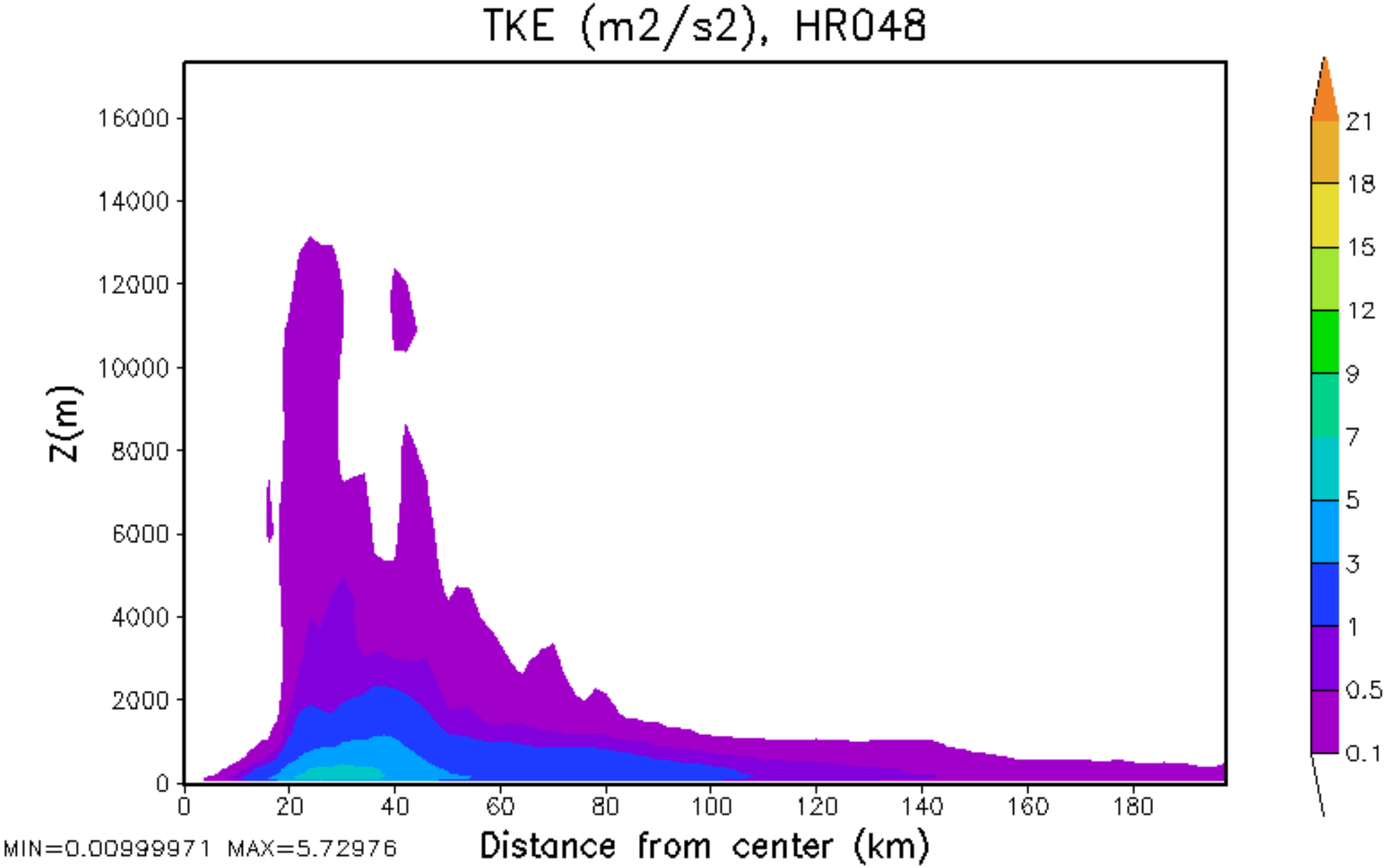
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00997163 MAX=4.56743


TKE (m2/s2), 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)
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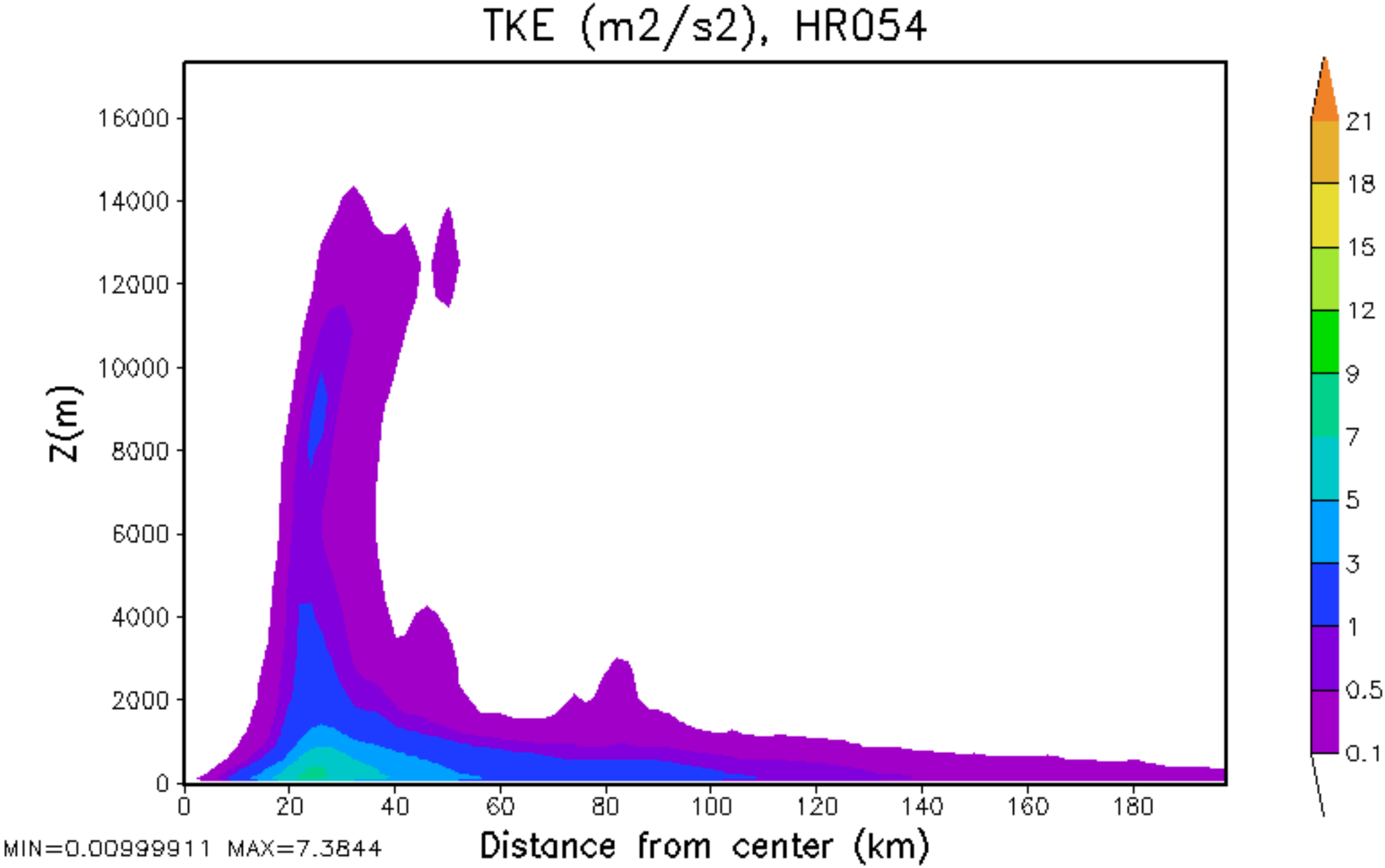
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999971 MAX=5.72976


TKE (m2/s2), HR054
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=0.00999911 MAX=7.3844
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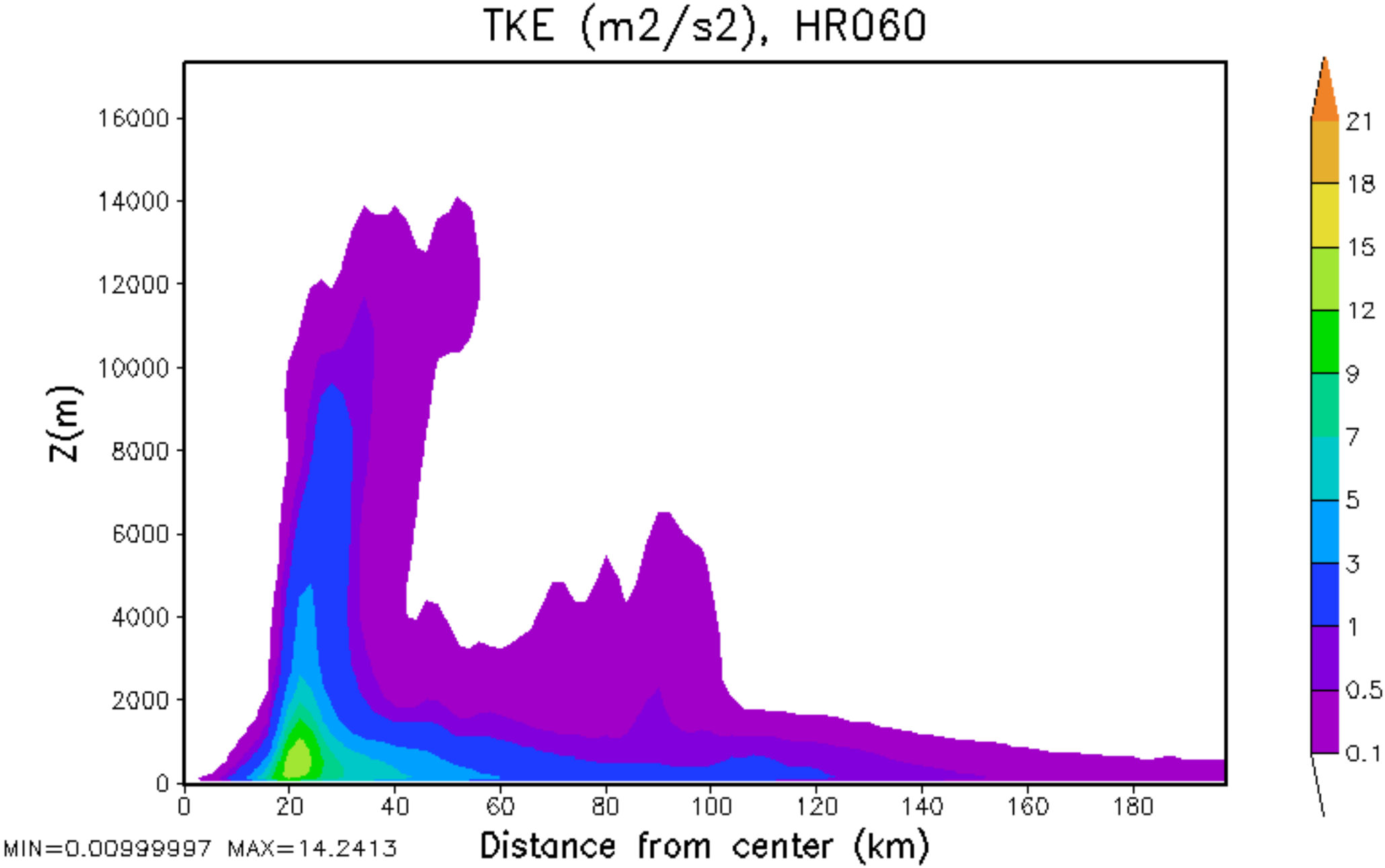
18
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), 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=0.00999997 MAX=14.2413
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18
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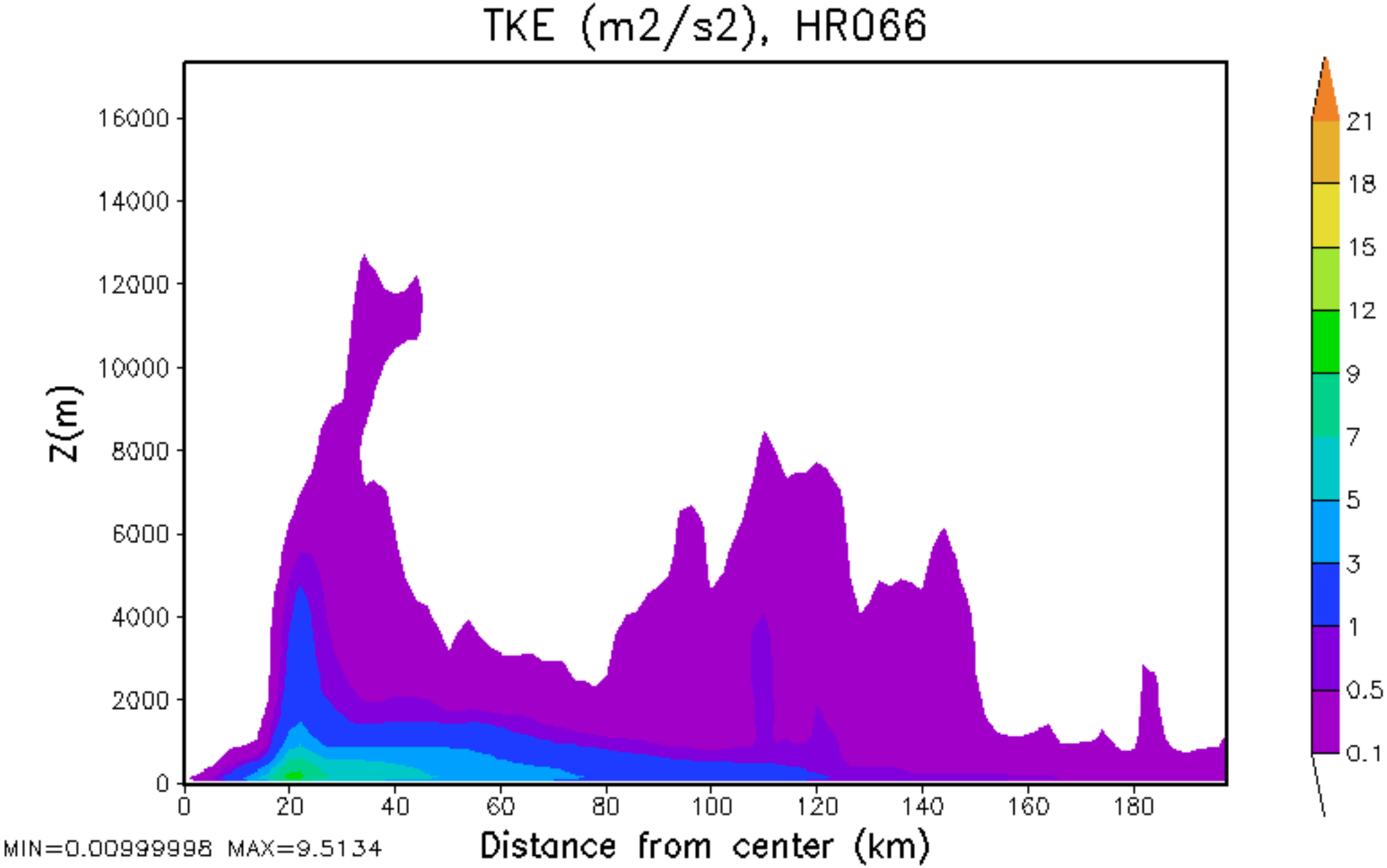
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), HR066
Z(m)
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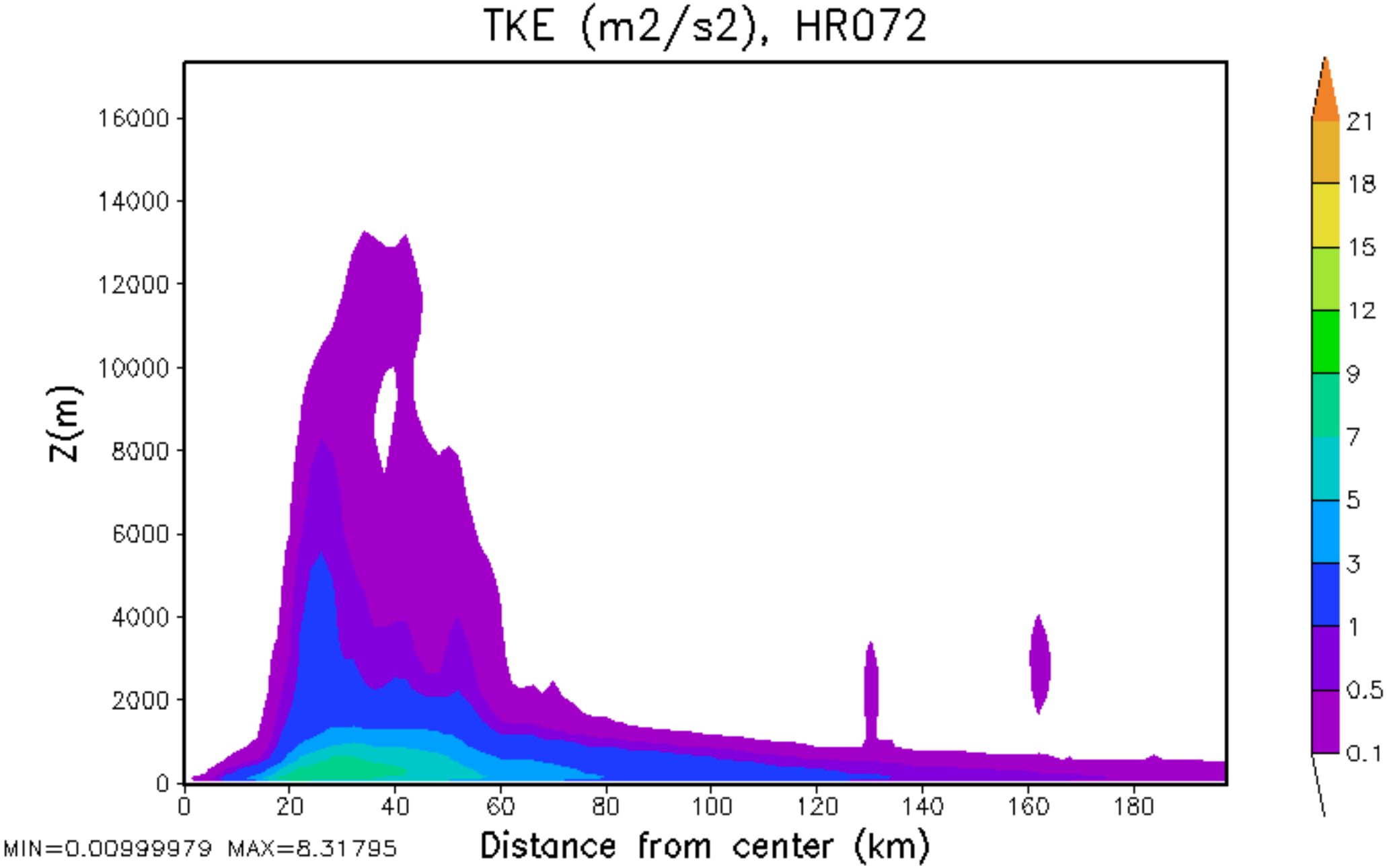
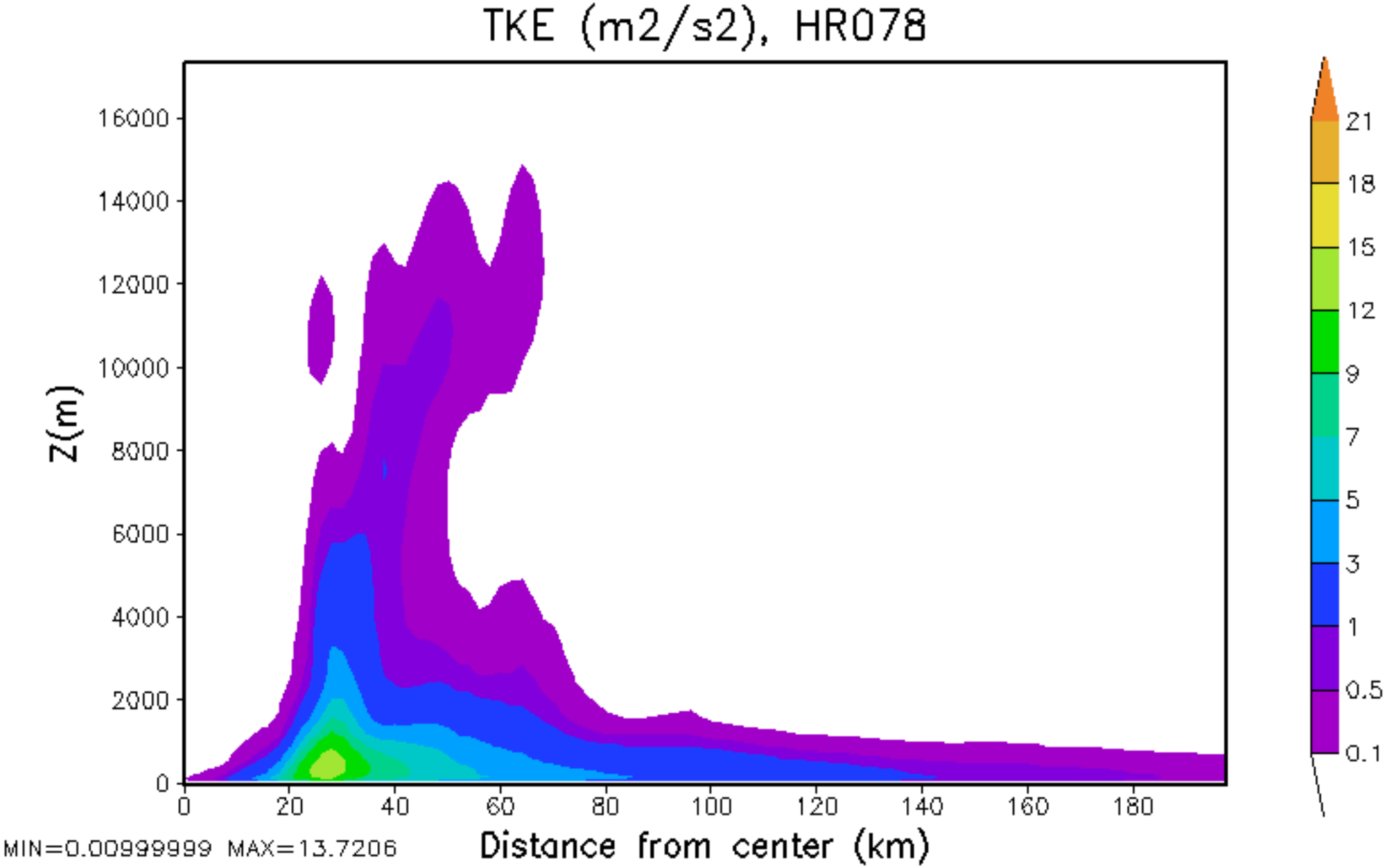
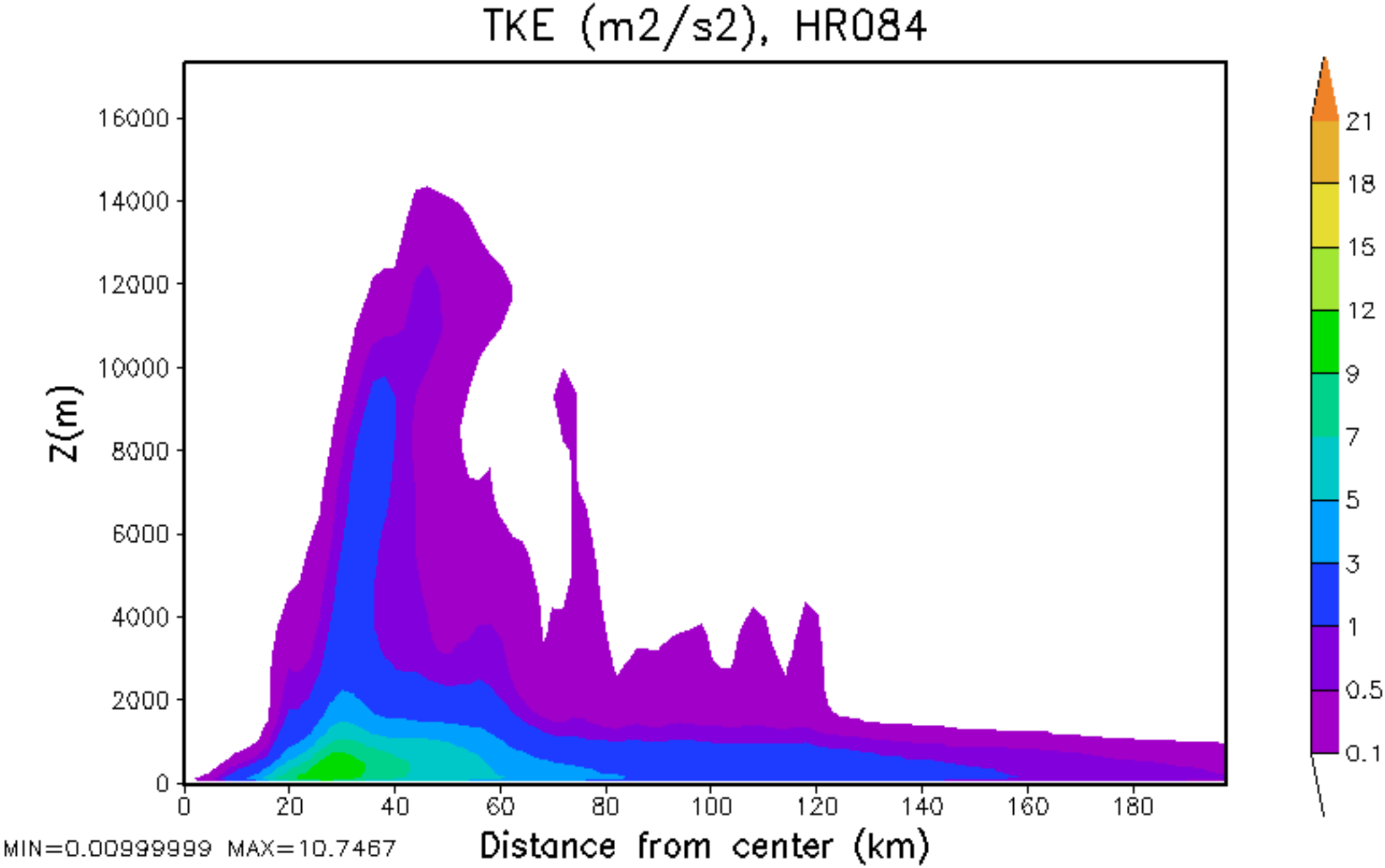
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999998 MAX=9.5134


TKE (m2/s2), 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)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999979 MAX=8.31795


TKE (m2/s2), 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=0.00999999 MAX=13.7206
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), 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)
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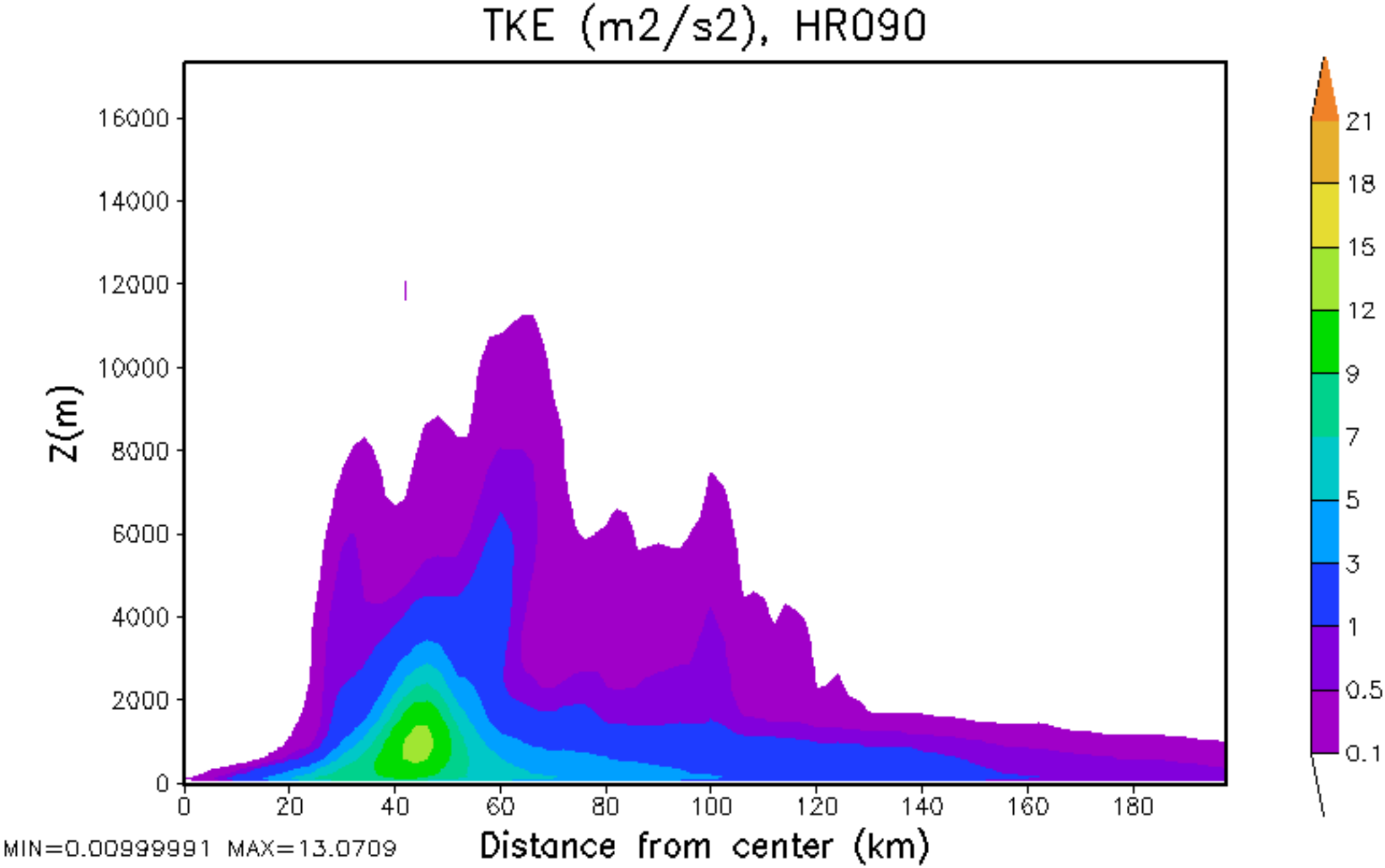
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999999 MAX=10.7467


TKE (m2/s2), HR090
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=0.00999991 MAX=13.0709
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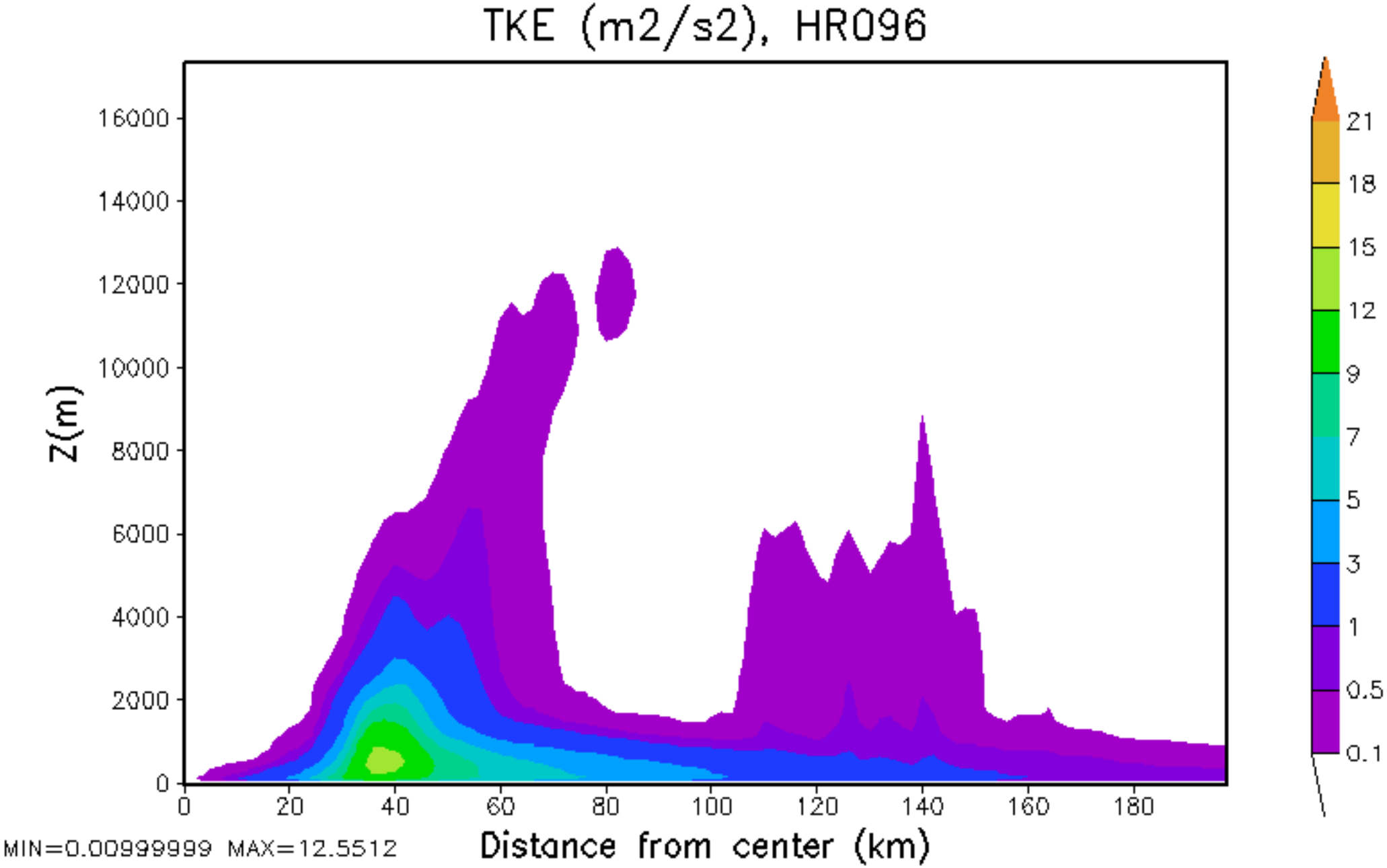
18
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), 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)
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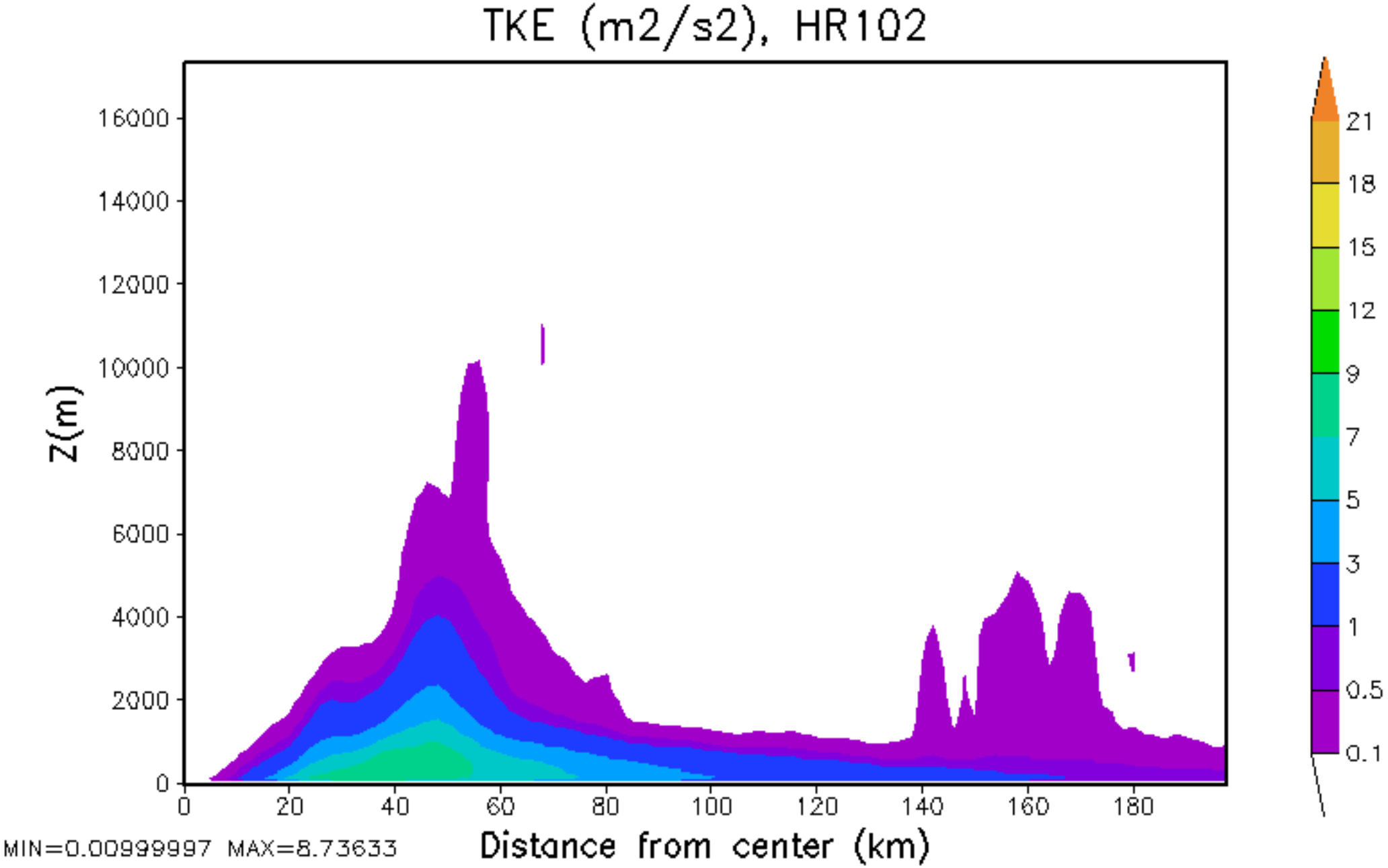
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999999 MAX=12.5512


TKE (m2/s2), 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)
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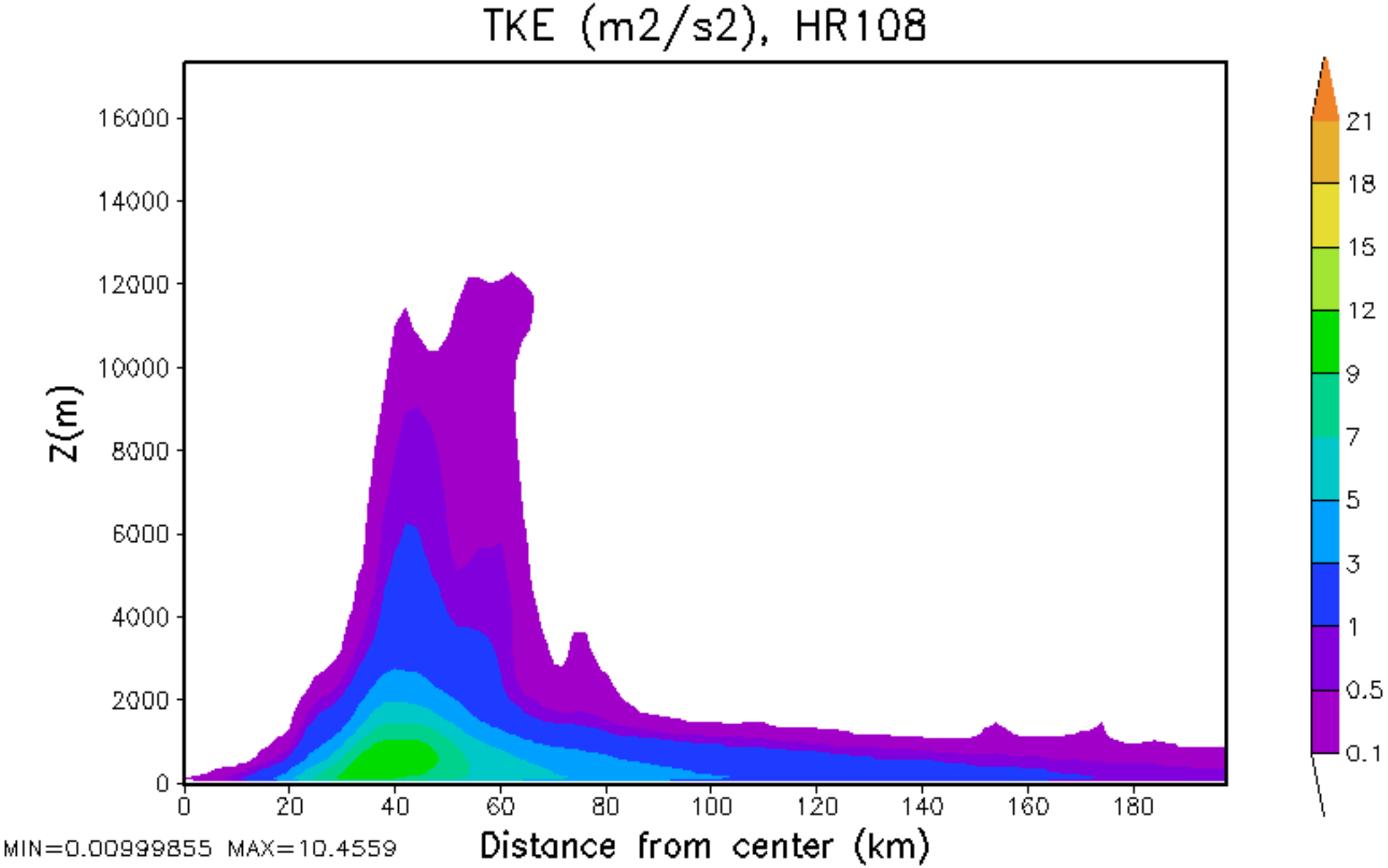
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999997 MAX=8.73633


TKE (m2/s2), HR108
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)
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18
15
12
9
7
5
3
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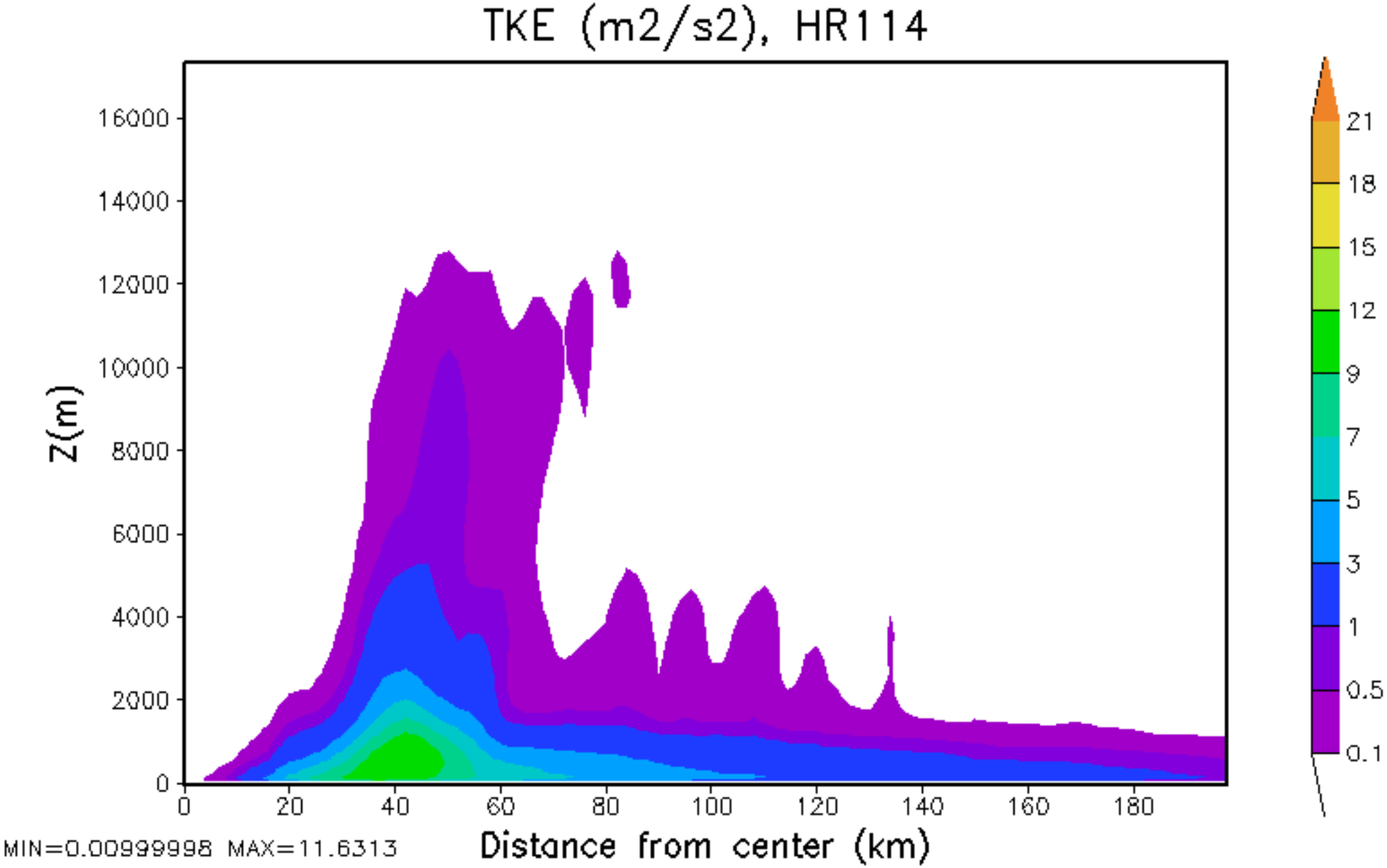
0.5
0.1
MIN=0.00999855 MAX=10.4559


TKE (m2/s2), HR114
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)
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18
15
12
9
7
5
3
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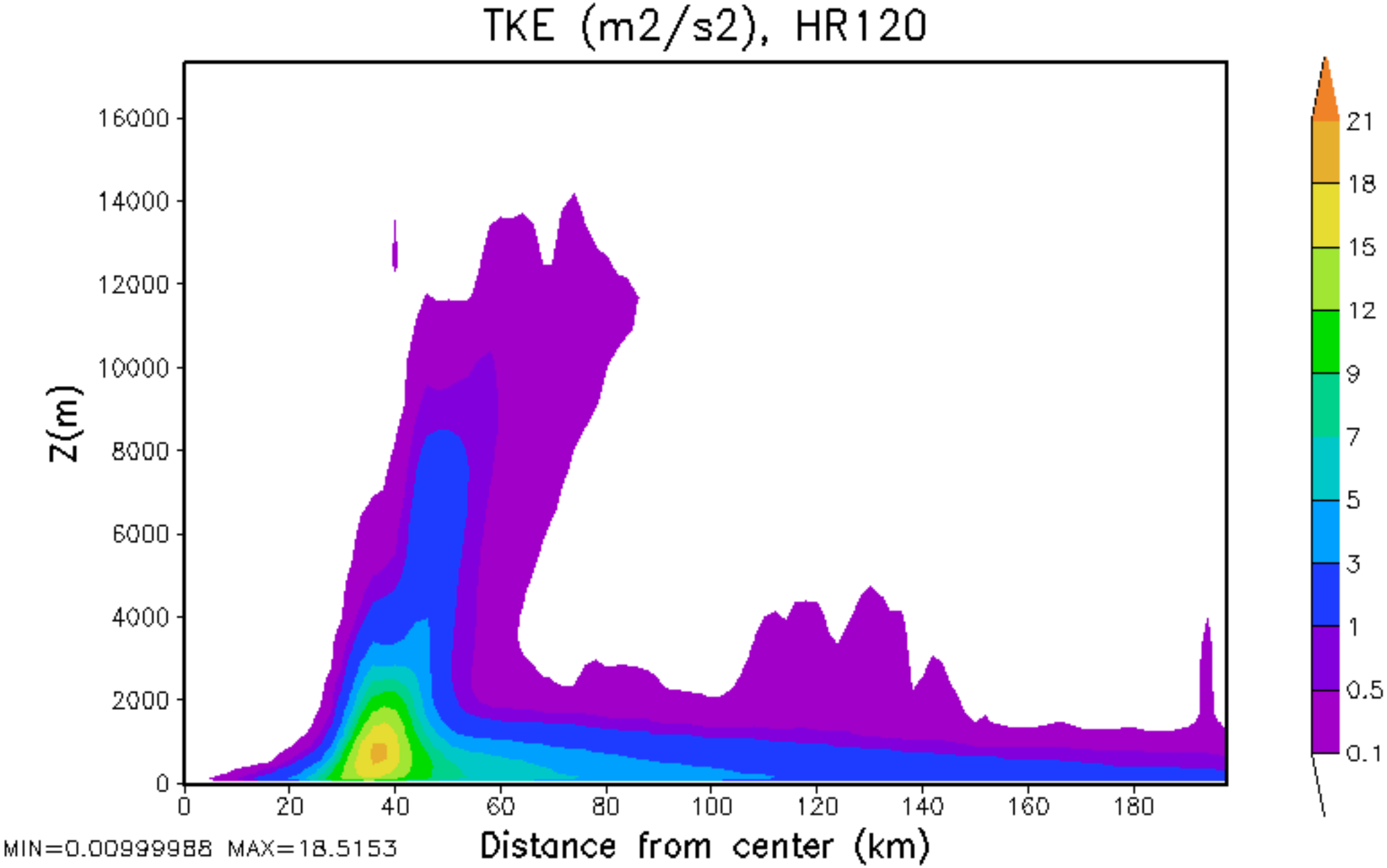
0.5
0.1
MIN=0.00999998 MAX=11.6313


TKE (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)
MIN=0.00999988 MAX=18.5153
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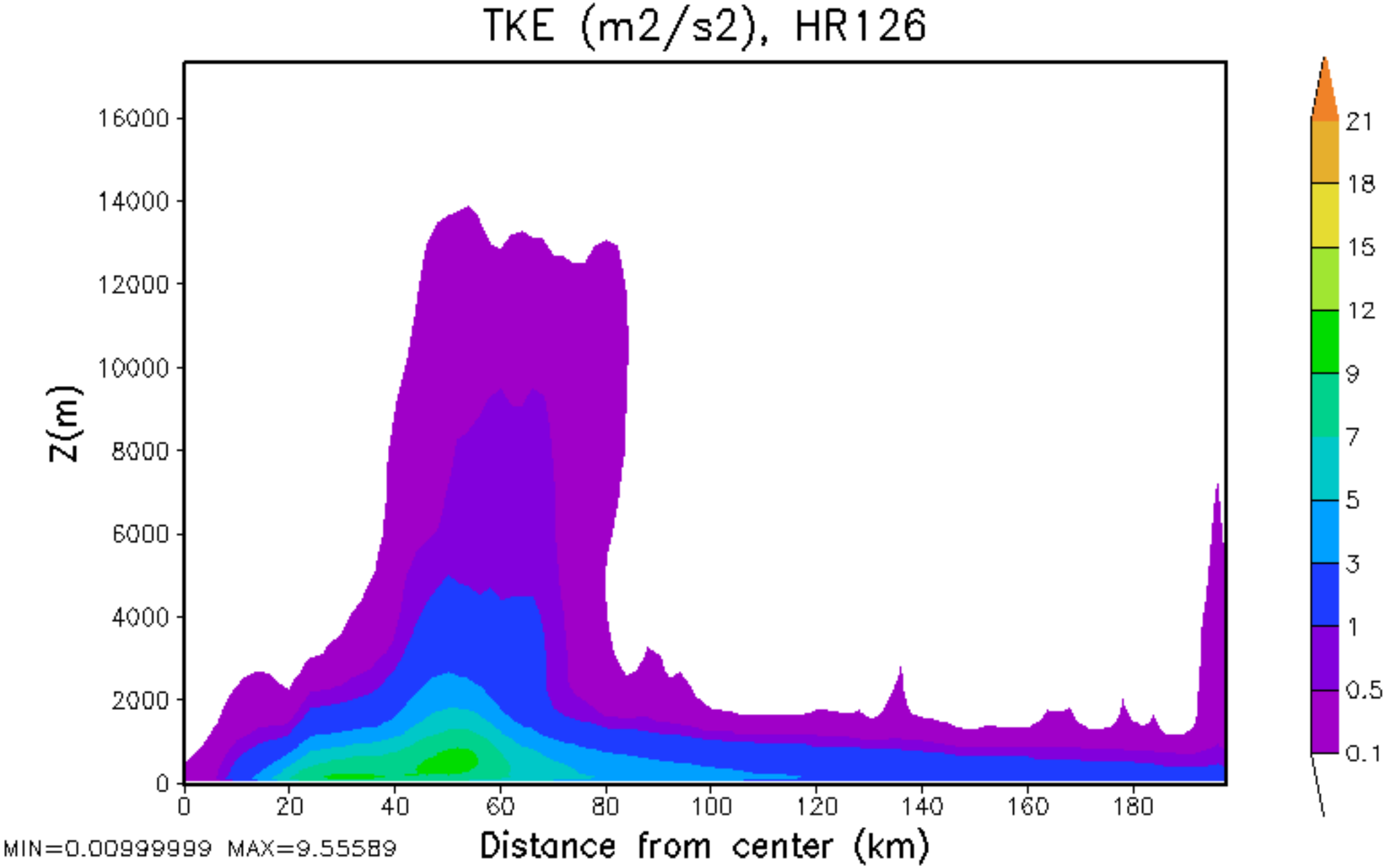
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), HR126
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)
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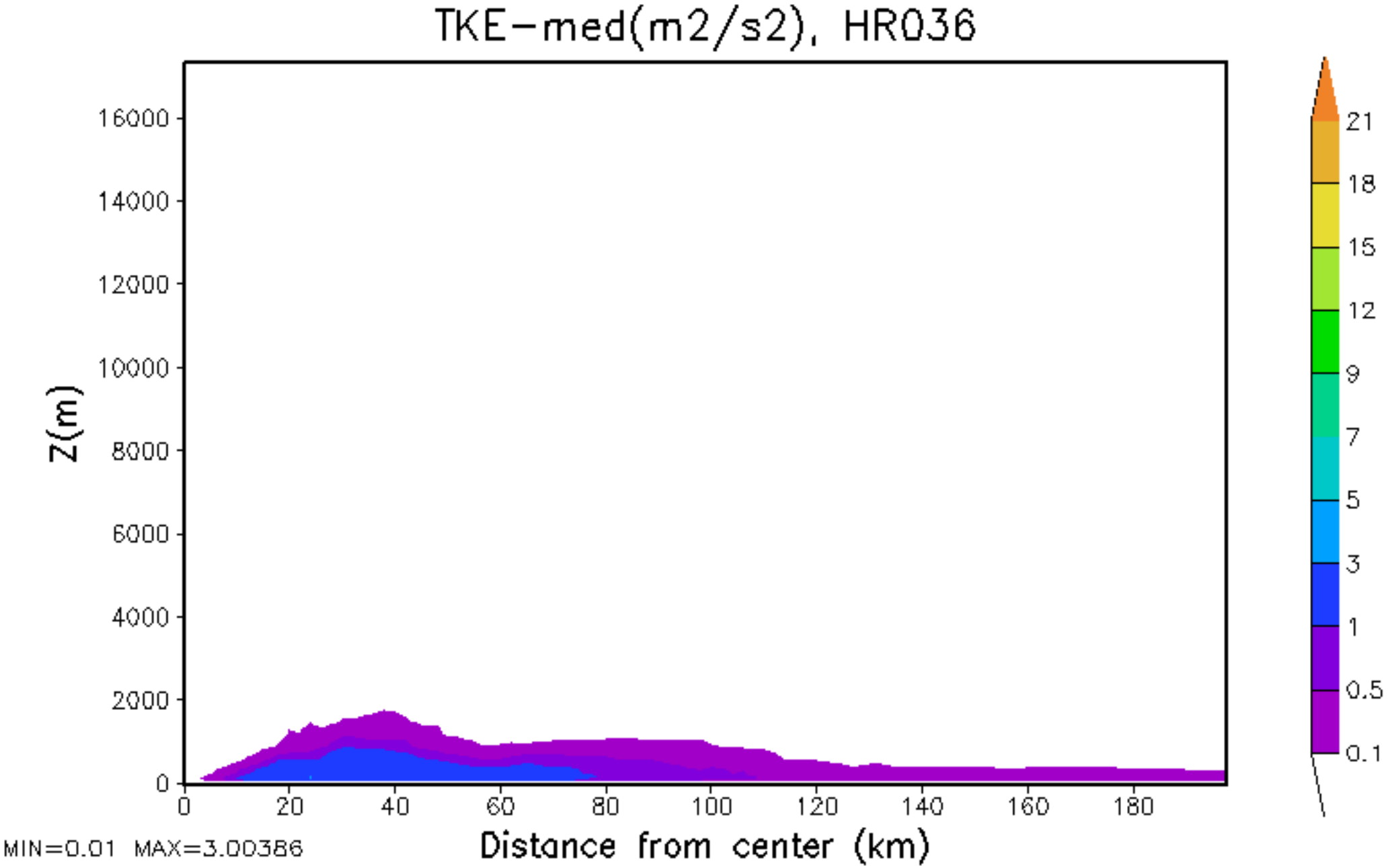
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999999 MAX=9.55589


TKE-med(m2/s2), HR036
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=0.01 MAX=3.00386
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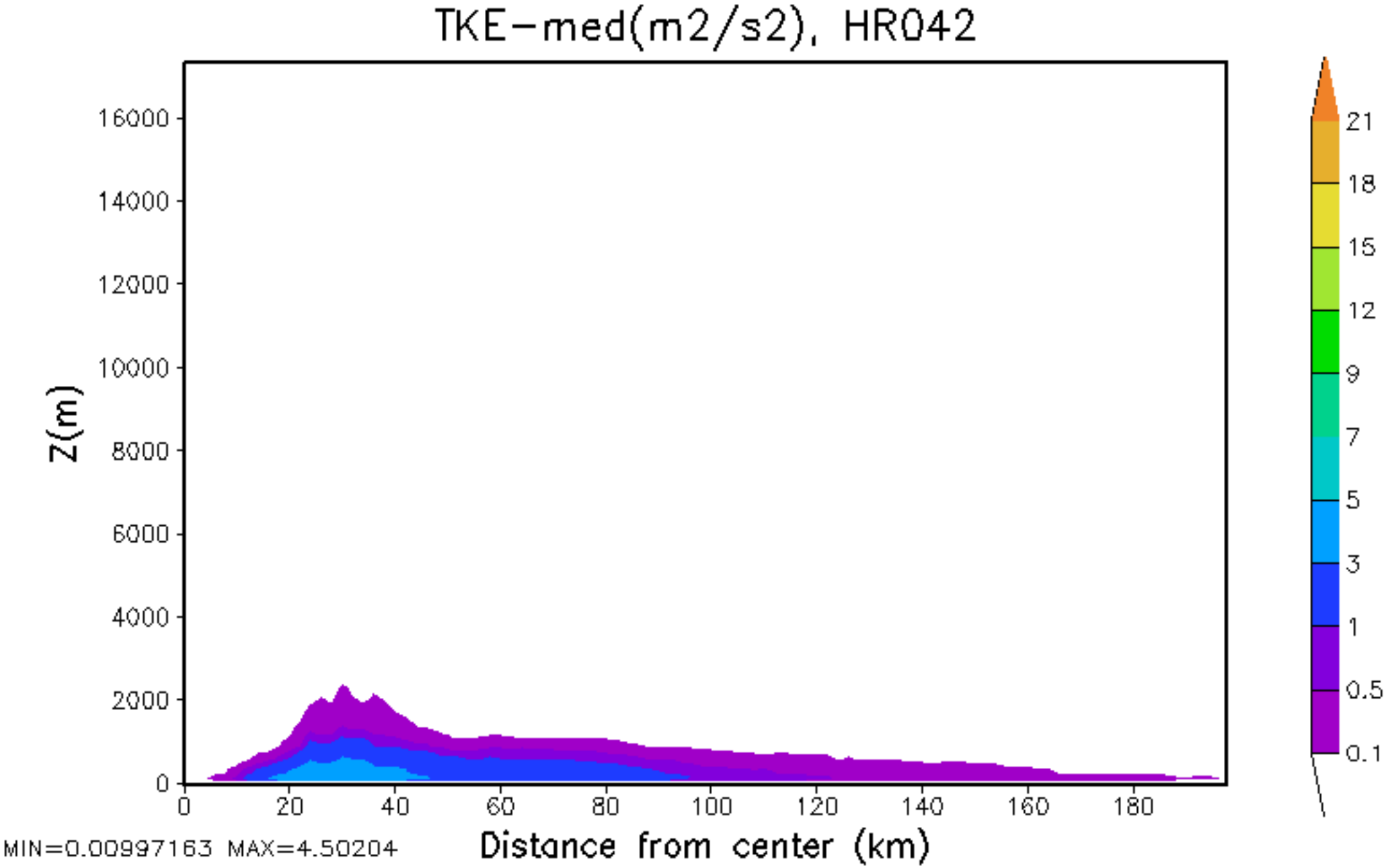
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), HR042
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)
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12
9
7
5
3
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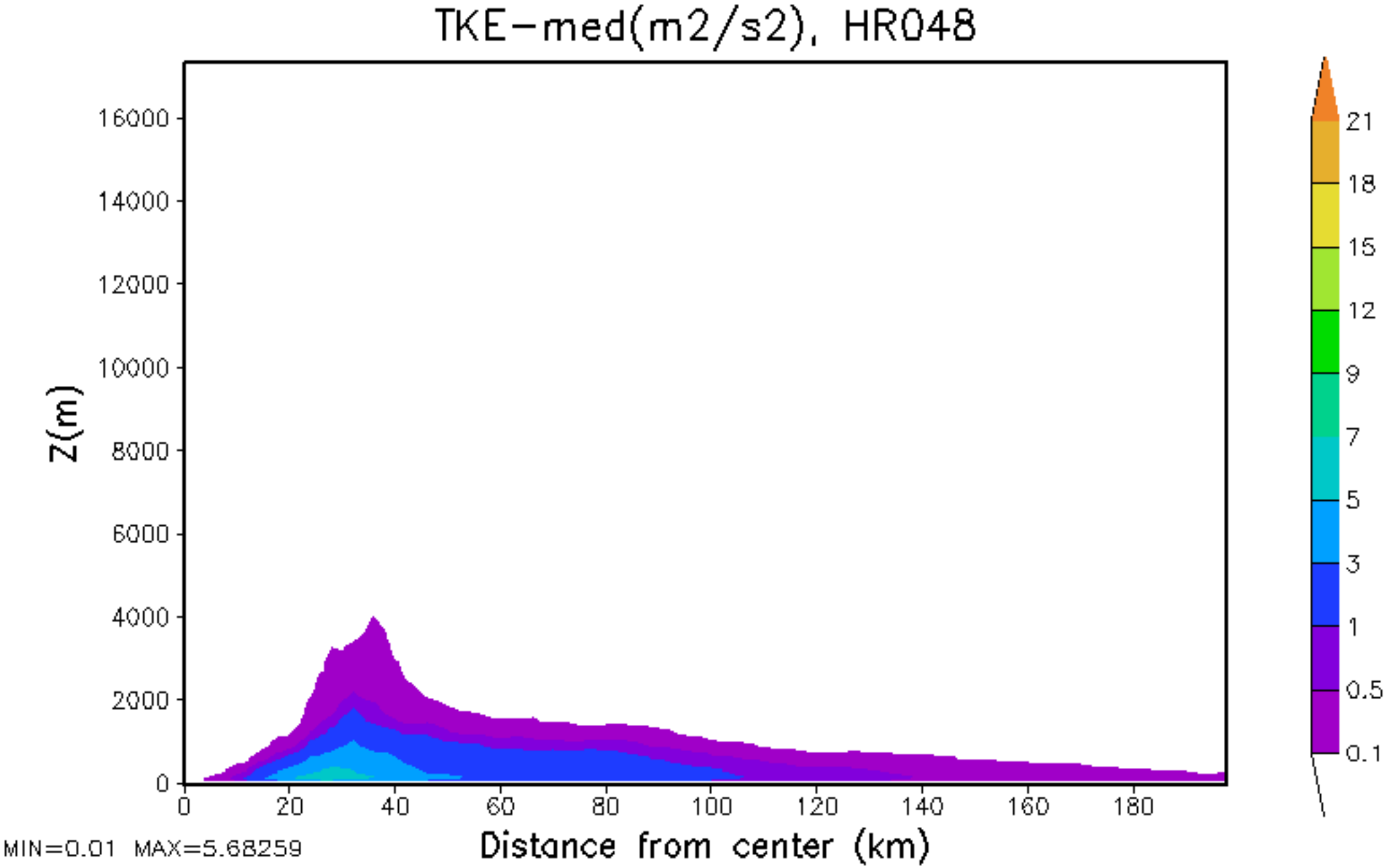
0.5
0.1
MIN=0.00997163 MAX=4.50204


TKE-med(m2/s2), HR048
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=0.01 MAX=5.68259
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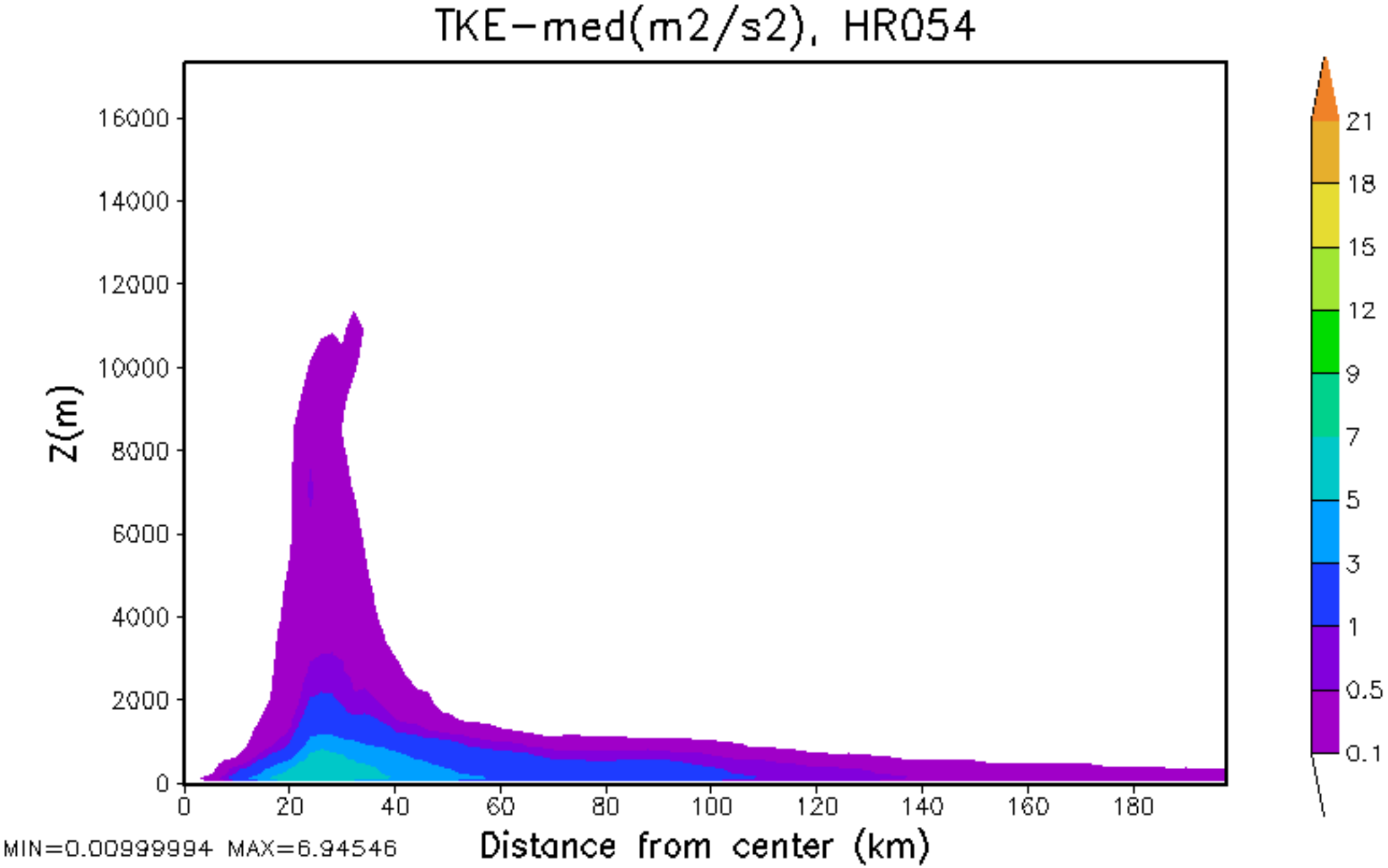
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), 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=0.00999994 MAX=6.94546
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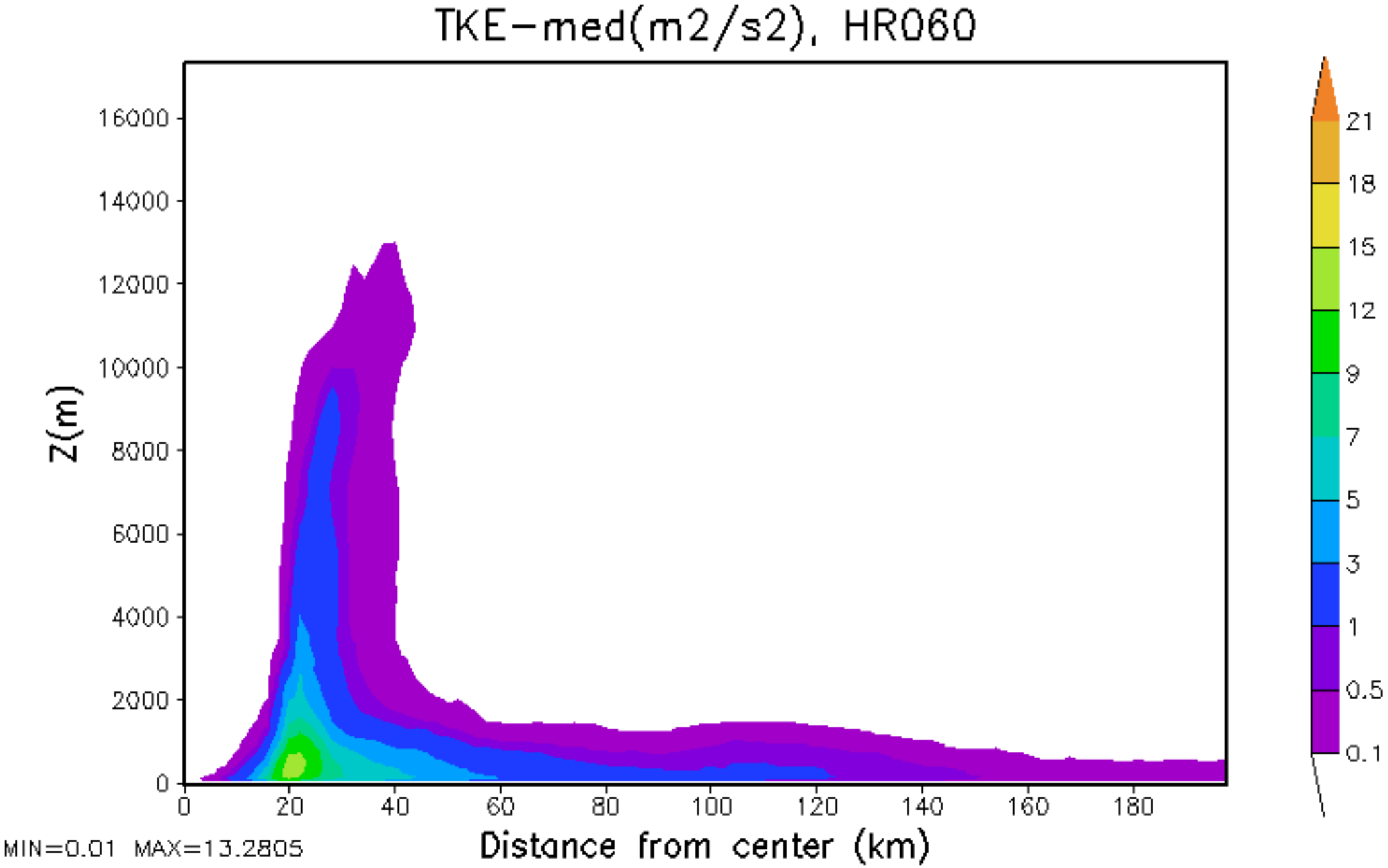
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), 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=0.01 MAX=13.2805
21
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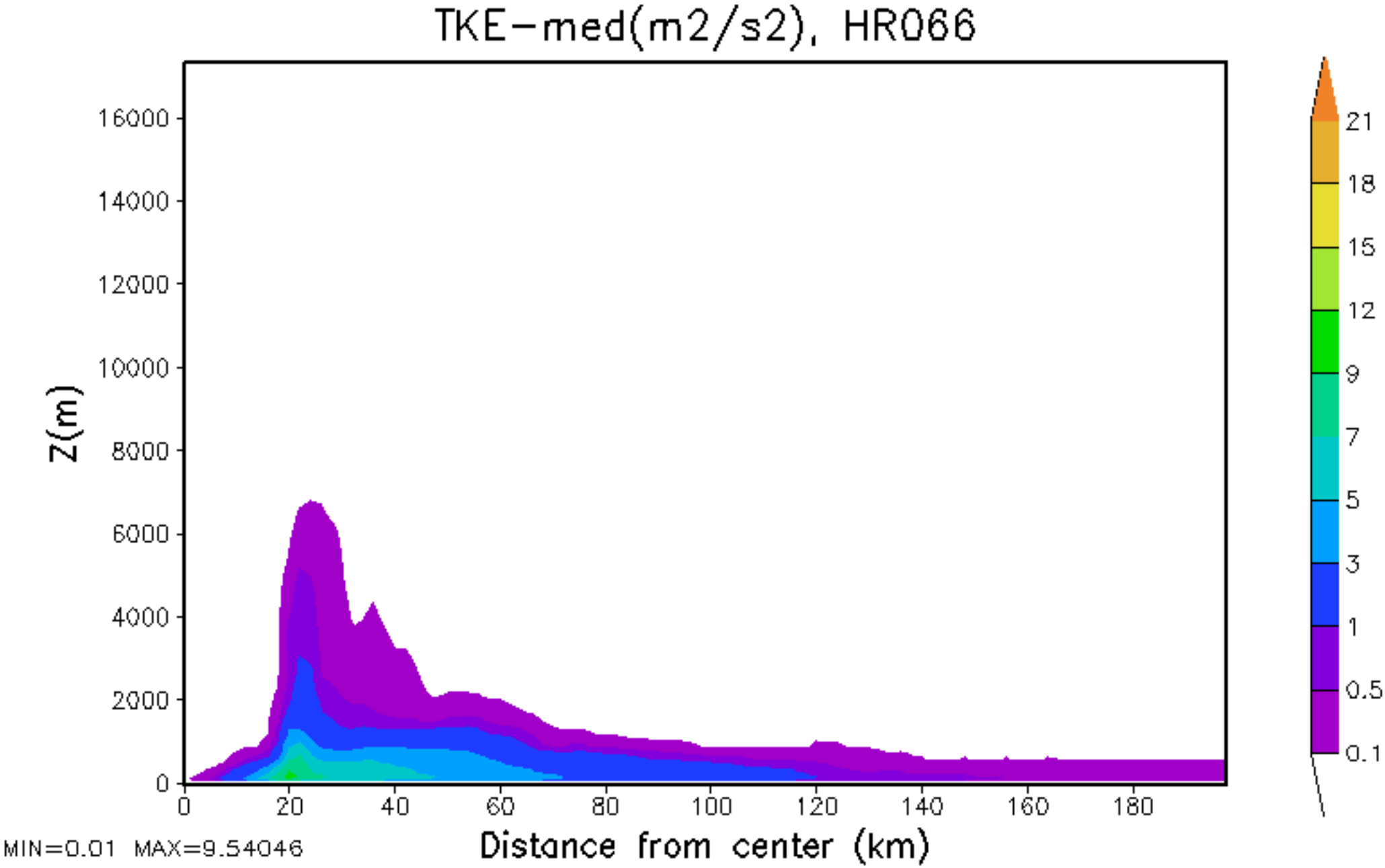
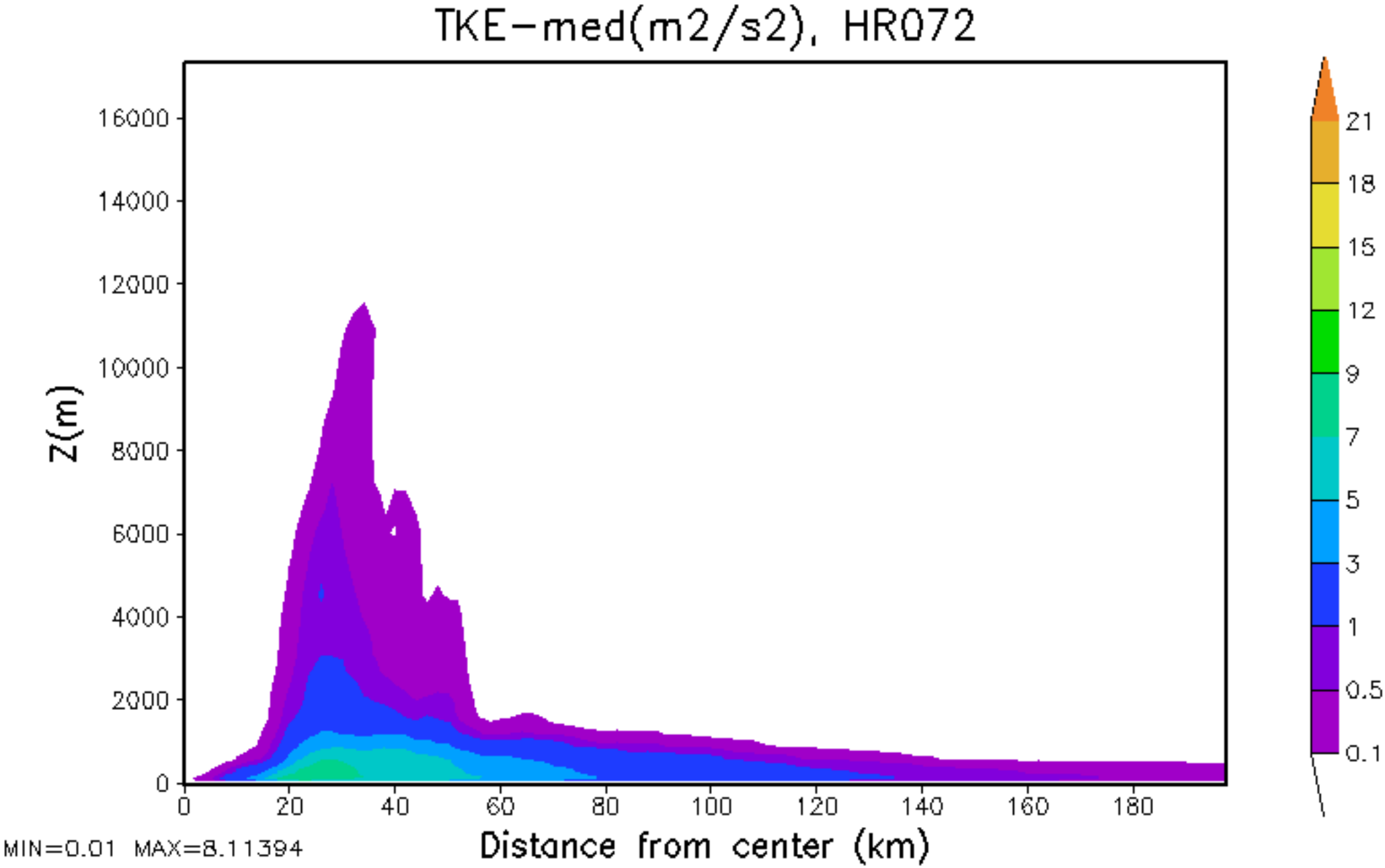
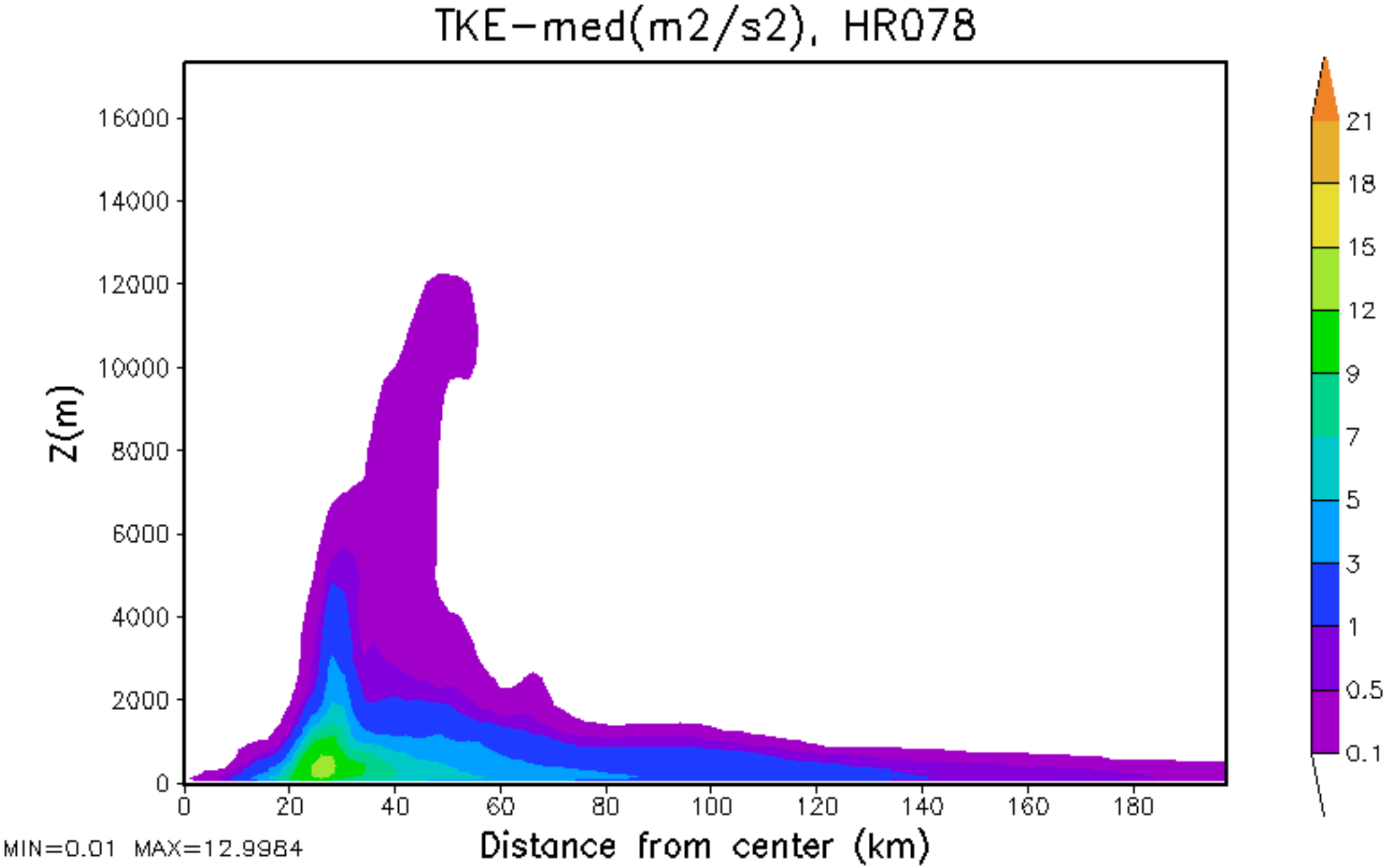
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), 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)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.01 MAX=9.54046


TKE-med(m2/s2), 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)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.01 MAX=8.11394


TKE-med(m2/s2), HR078
Z(m)
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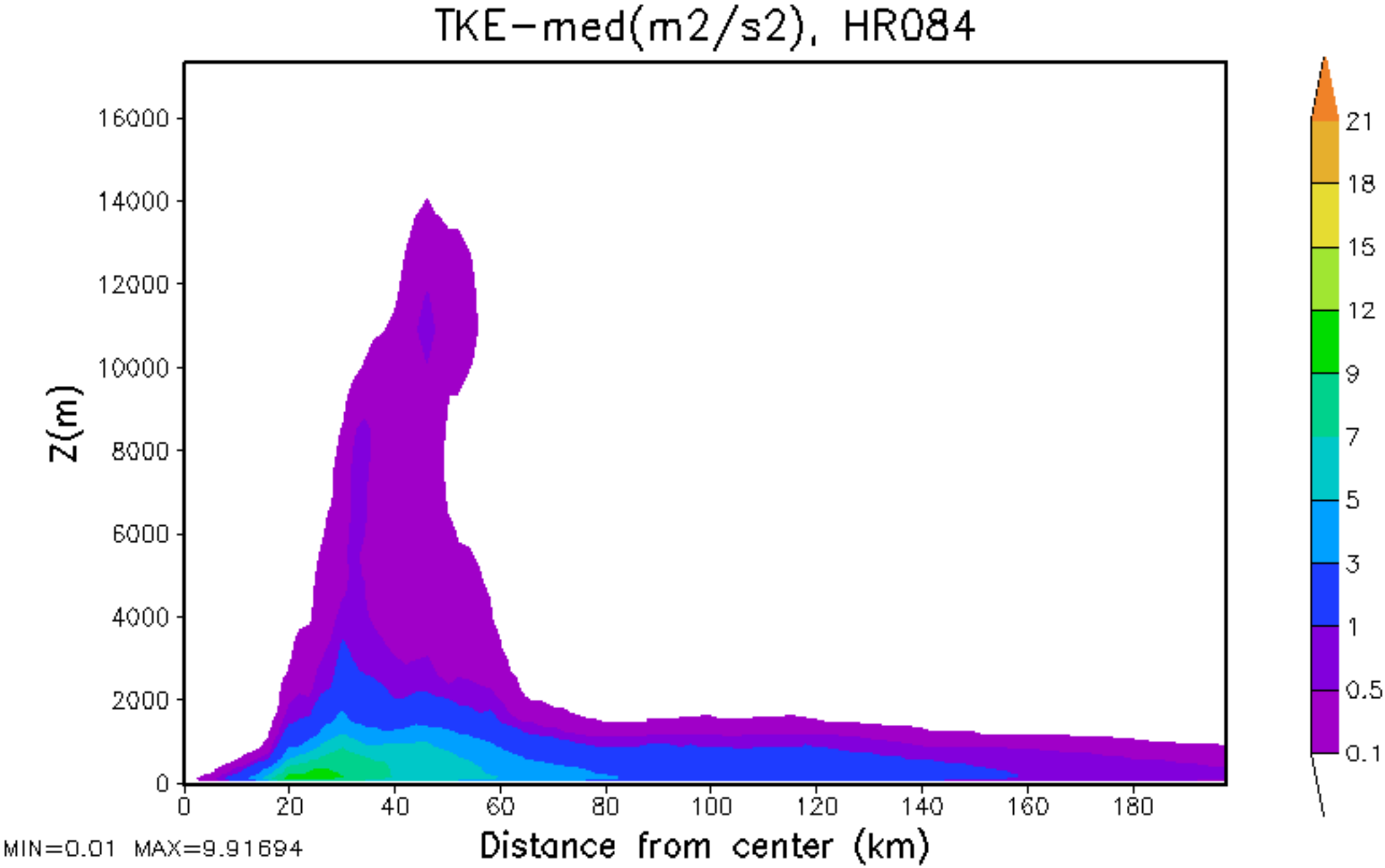
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.01 MAX=12.9984


TKE-med(m2/s2), 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)
21
18
15
12
9
7
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3
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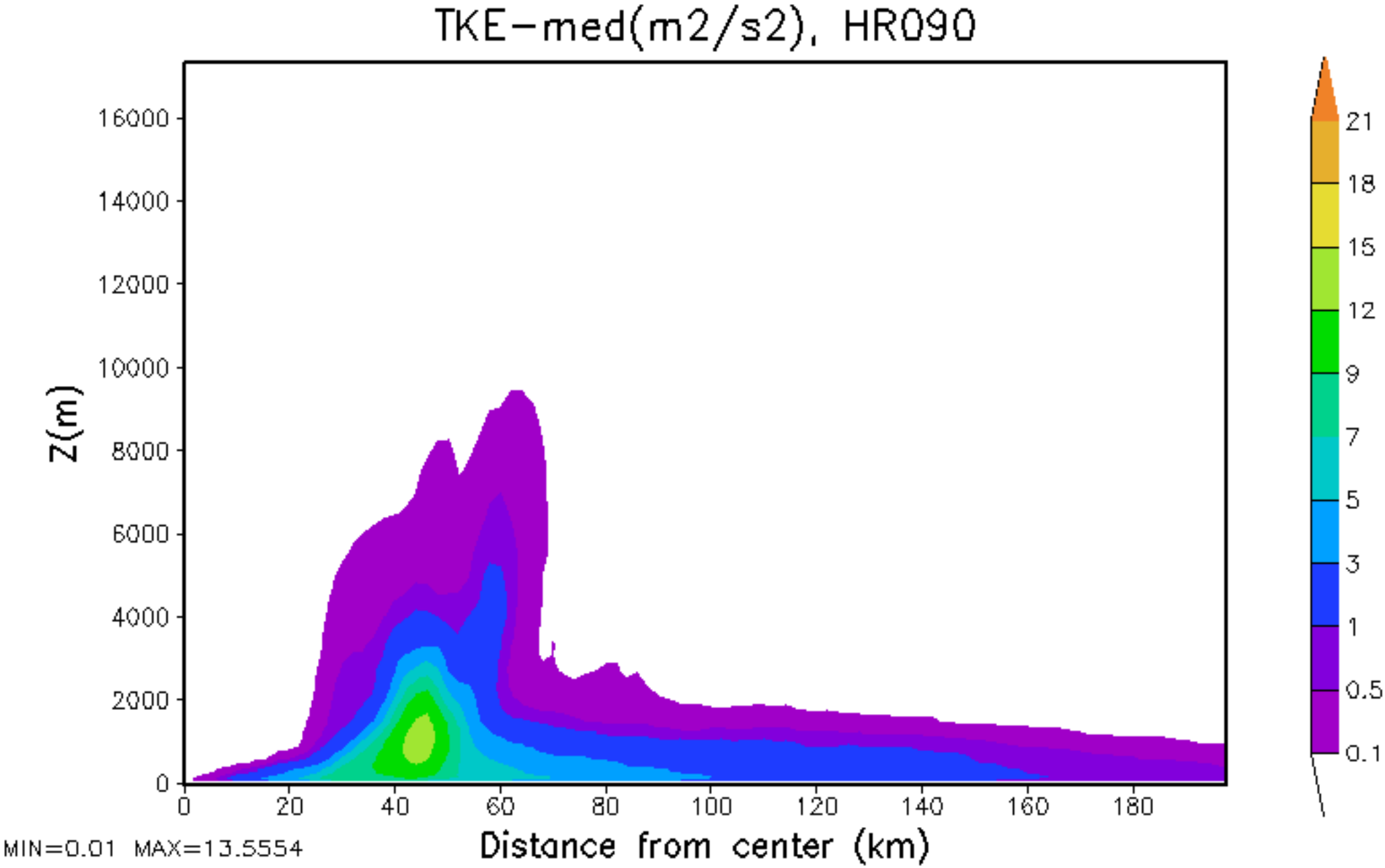
0.5
0.1
MIN=0.01 MAX=9.91694


TKE-med(m2/s2), HR090
Z(m)
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4000
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80
100
120
140
160
180
Distance from center (km)
MIN=0.01 MAX=13.5554
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9
7
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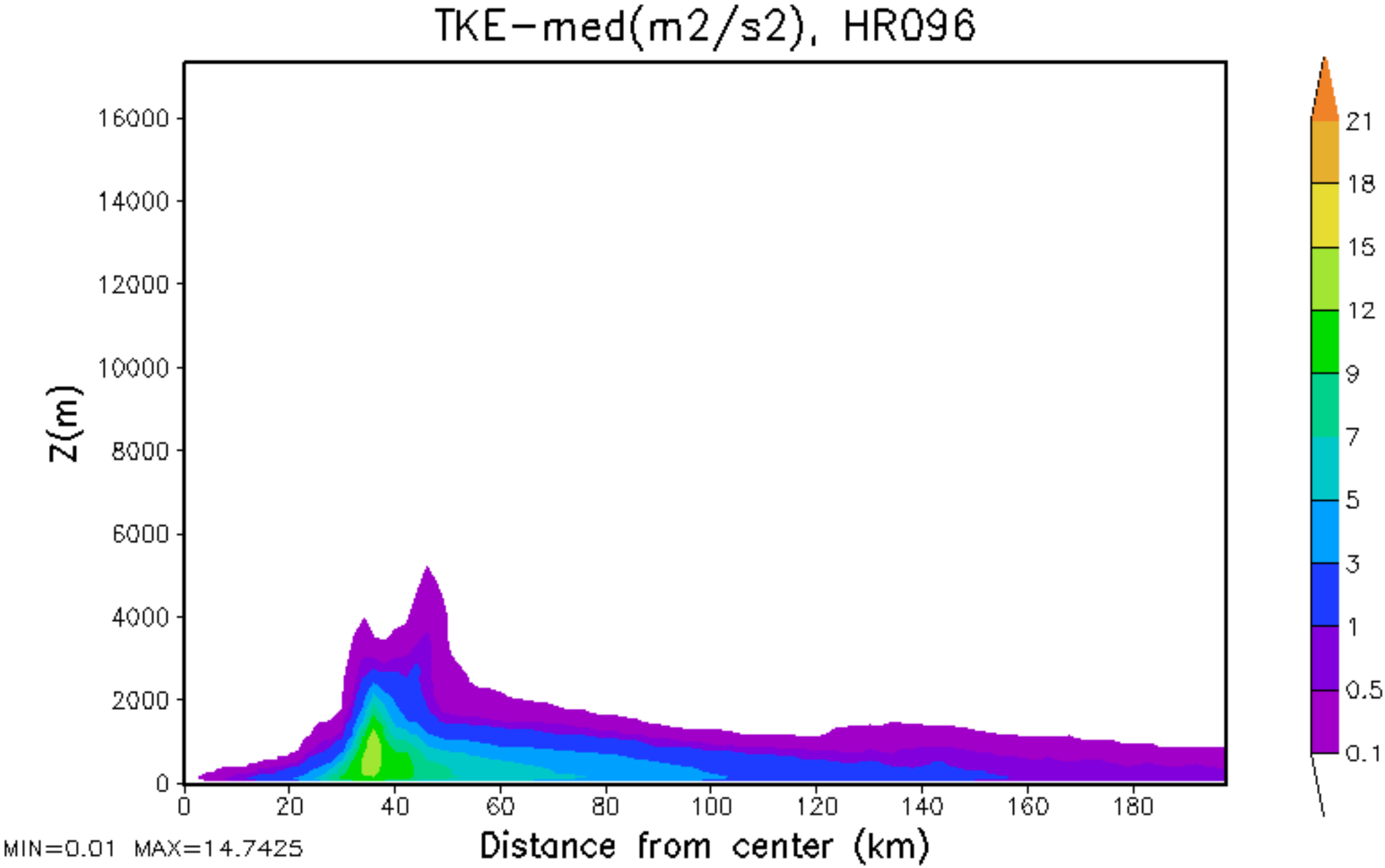
0.5
0.1


TKE-med(m2/s2), HR096
Z(m)
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10000
8000
6000
4000
2000
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0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.01 MAX=14.7425
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9
7
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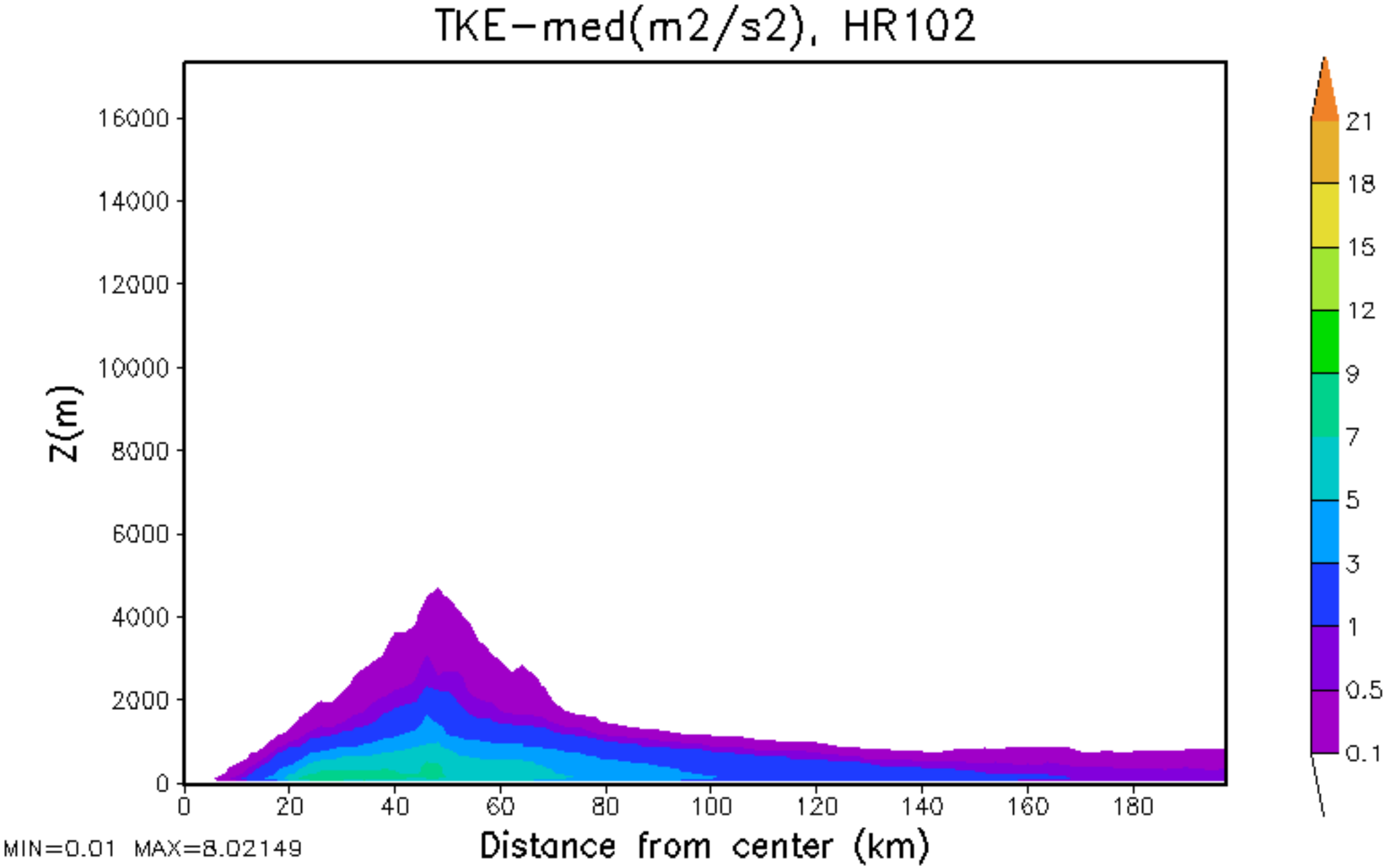
0.5
0.1


TKE-med(m2/s2), HR102
Z(m)
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10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.01 MAX=8.02149
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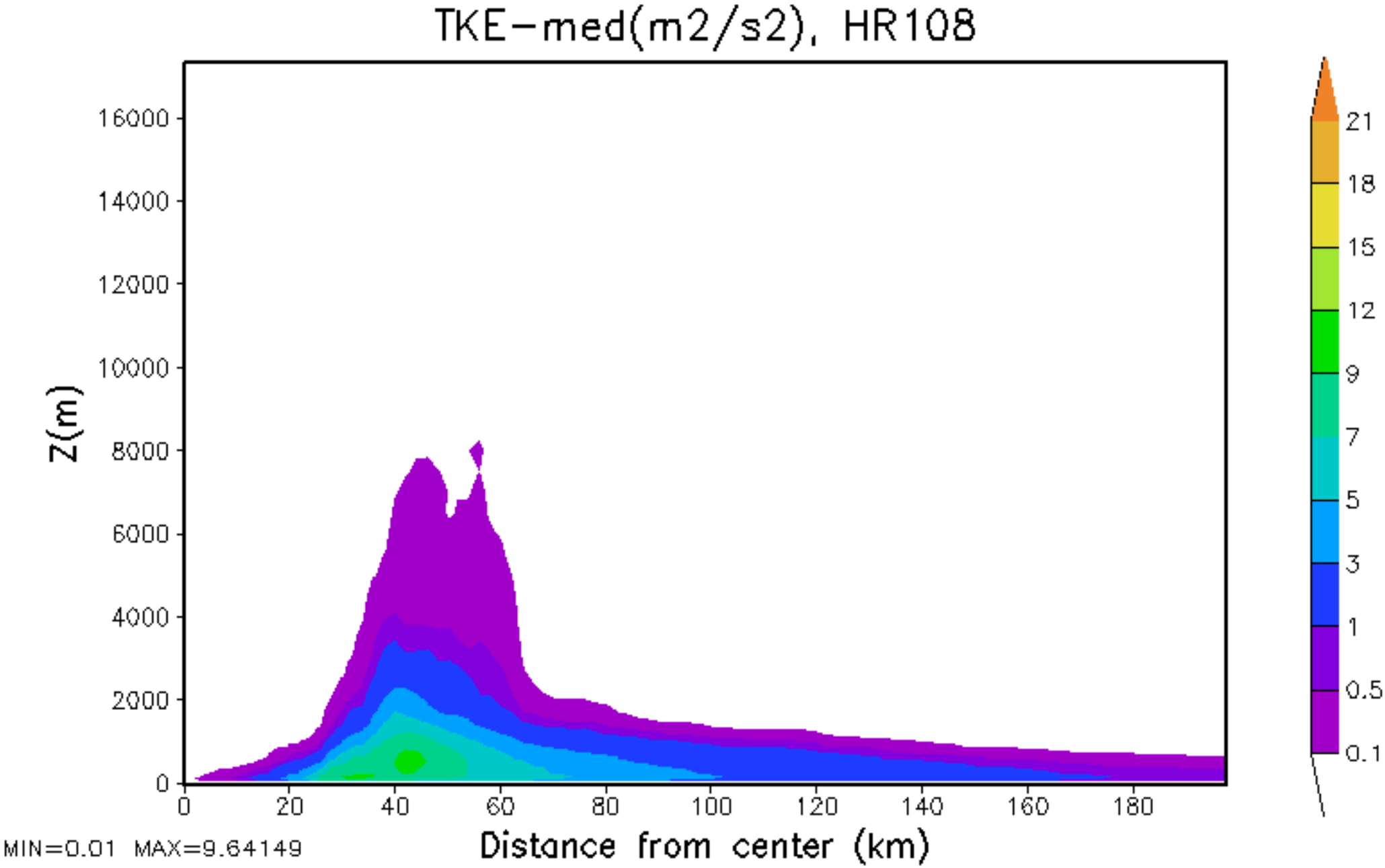
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), HR108
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=0.01 MAX=9.64149
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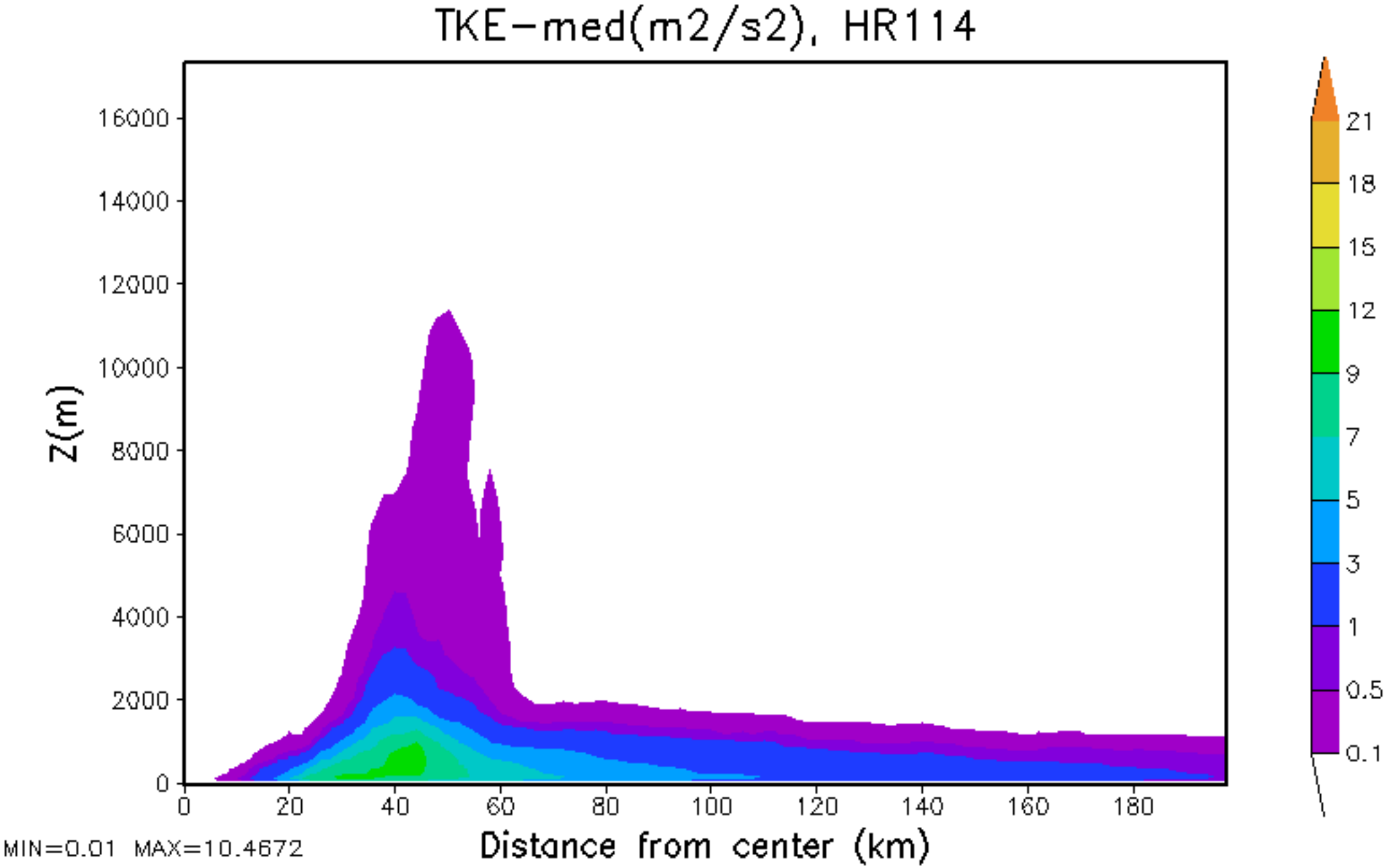
18
15
12
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), HR114
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=0.01 MAX=10.4672
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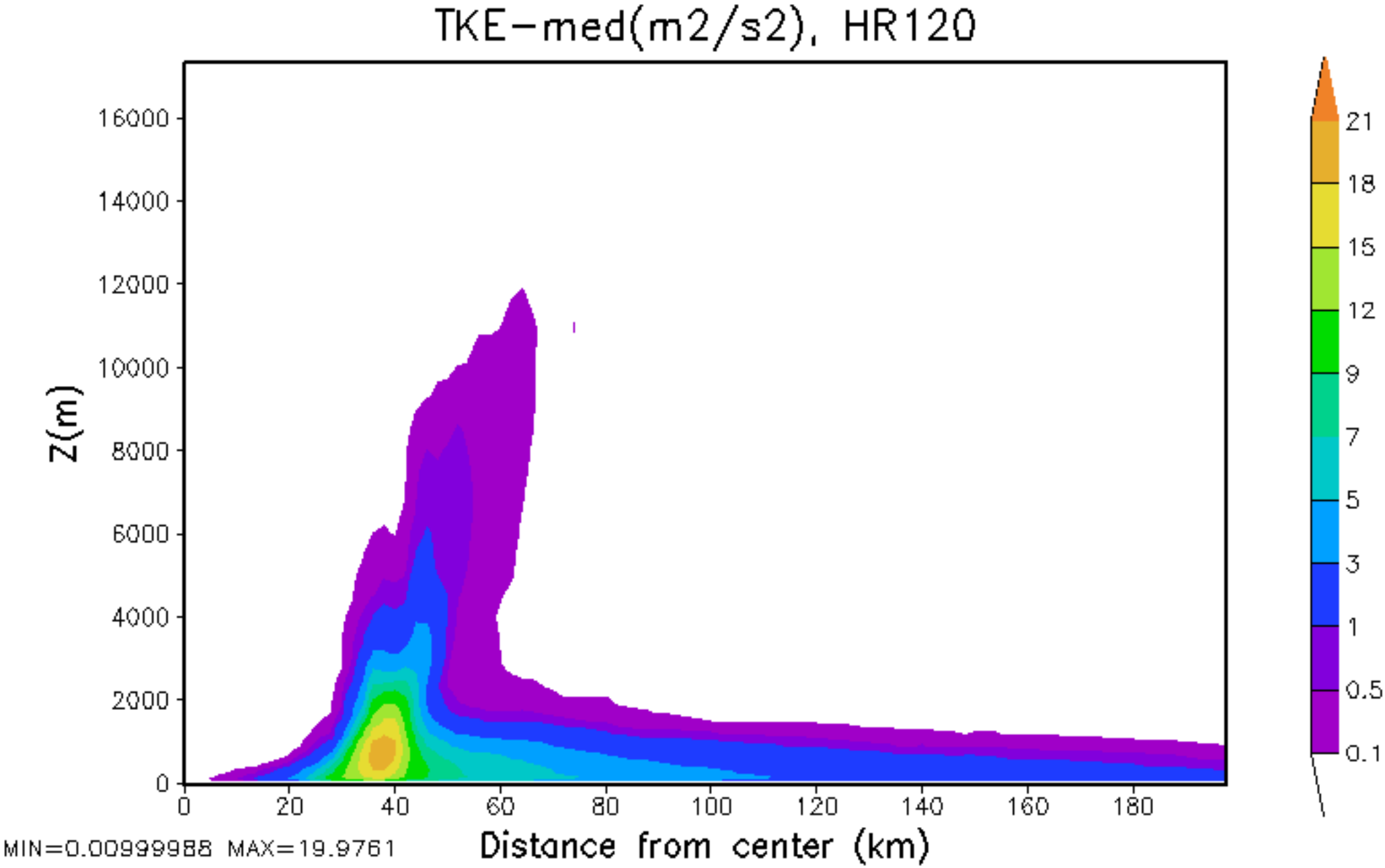
12
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), HR120
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=0.00999988 MAX=19.9761
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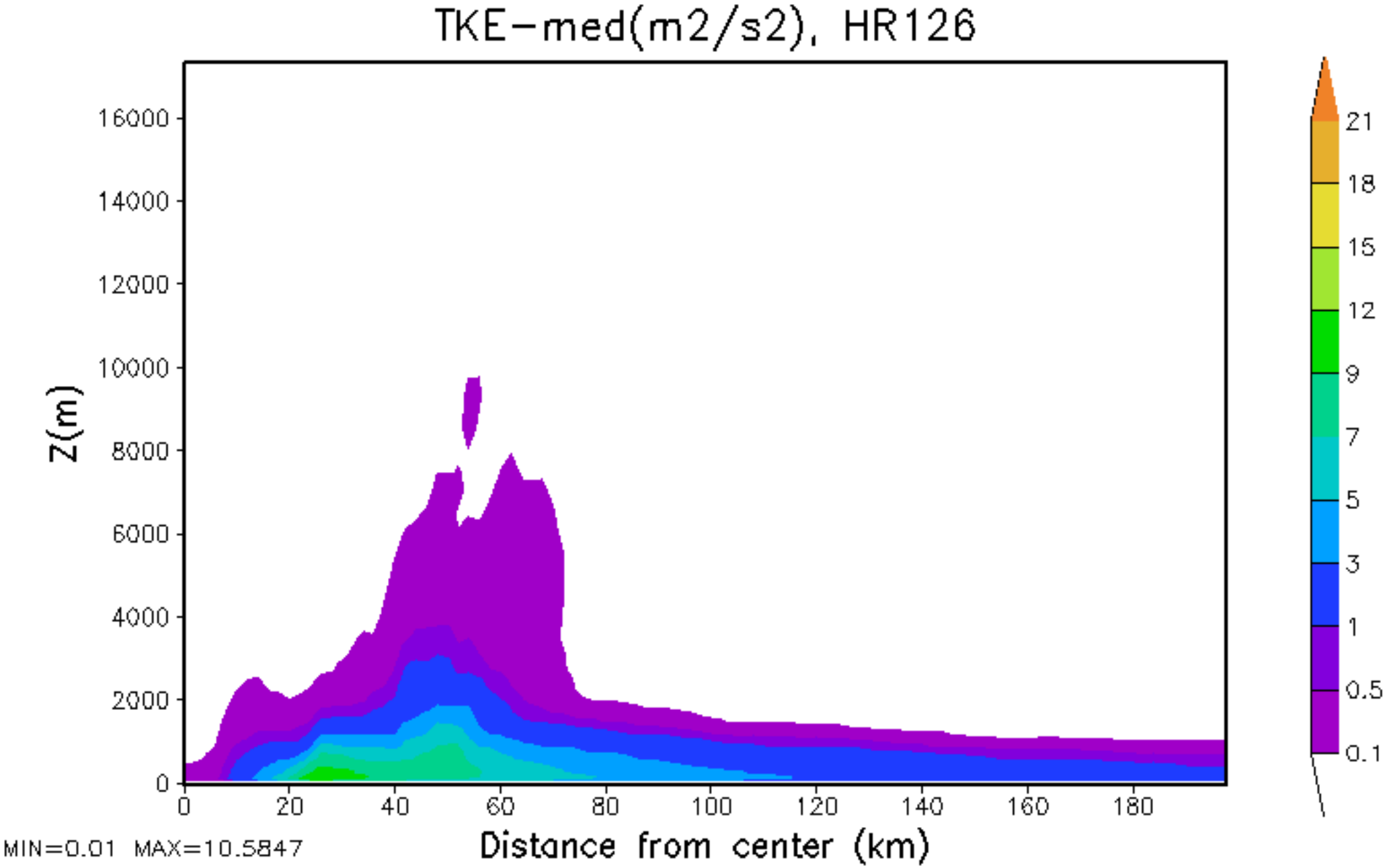
12
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), HR126
Z(m)
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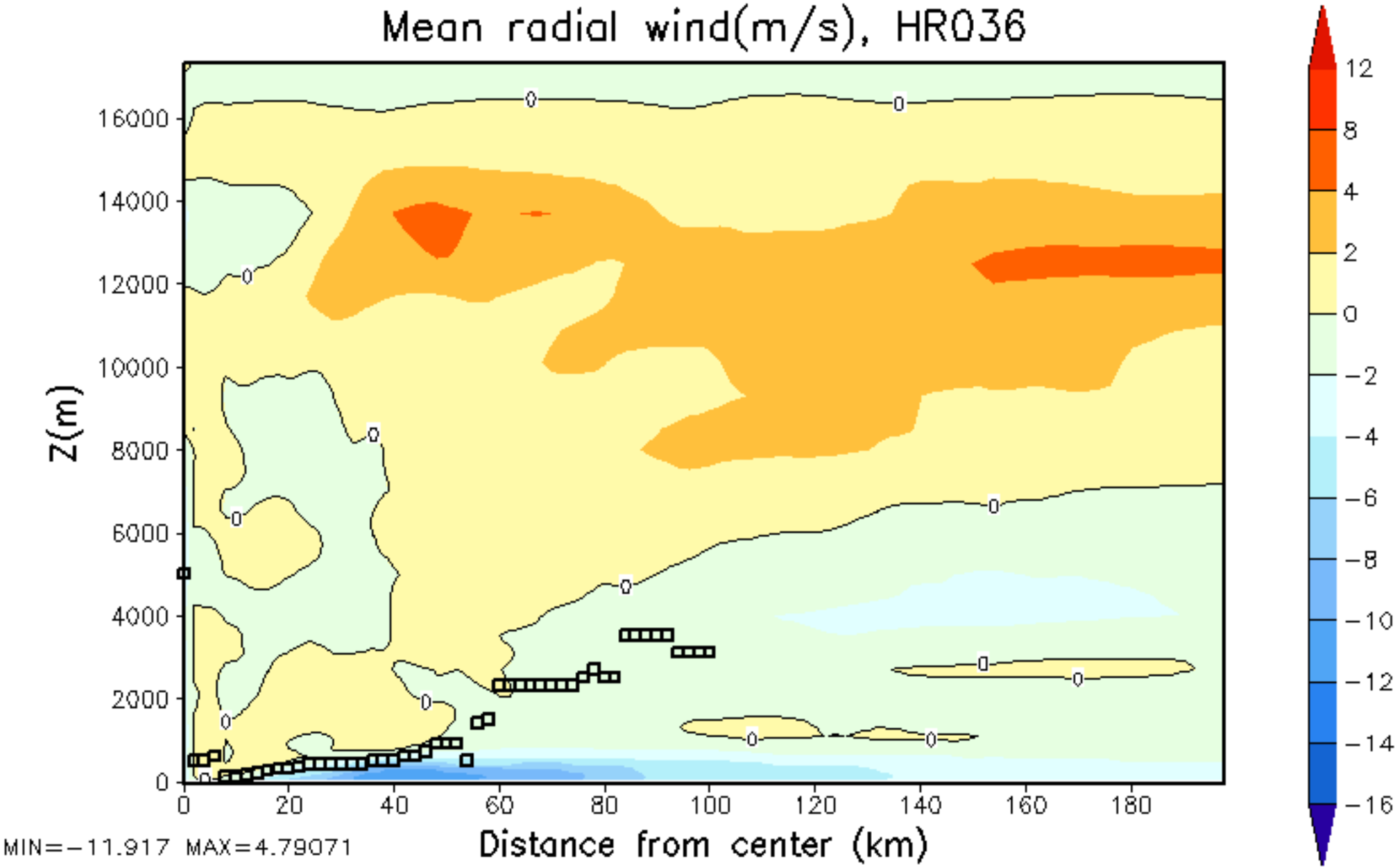
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.01 MAX=10.5847


Mean radial wind(m/s), HR036
Z(m)
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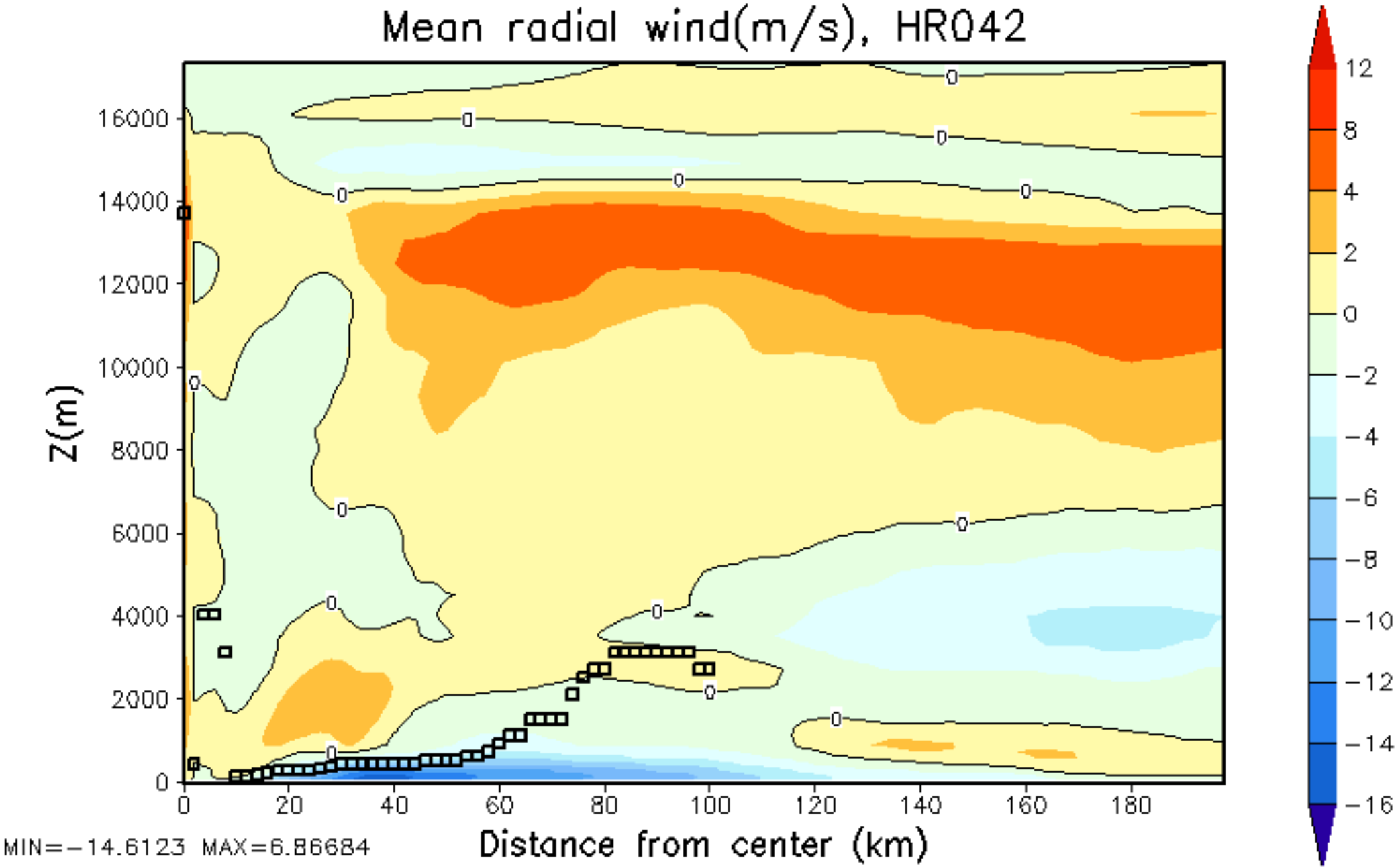
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-11.917 MAX=4.79071
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR042
Z(m)
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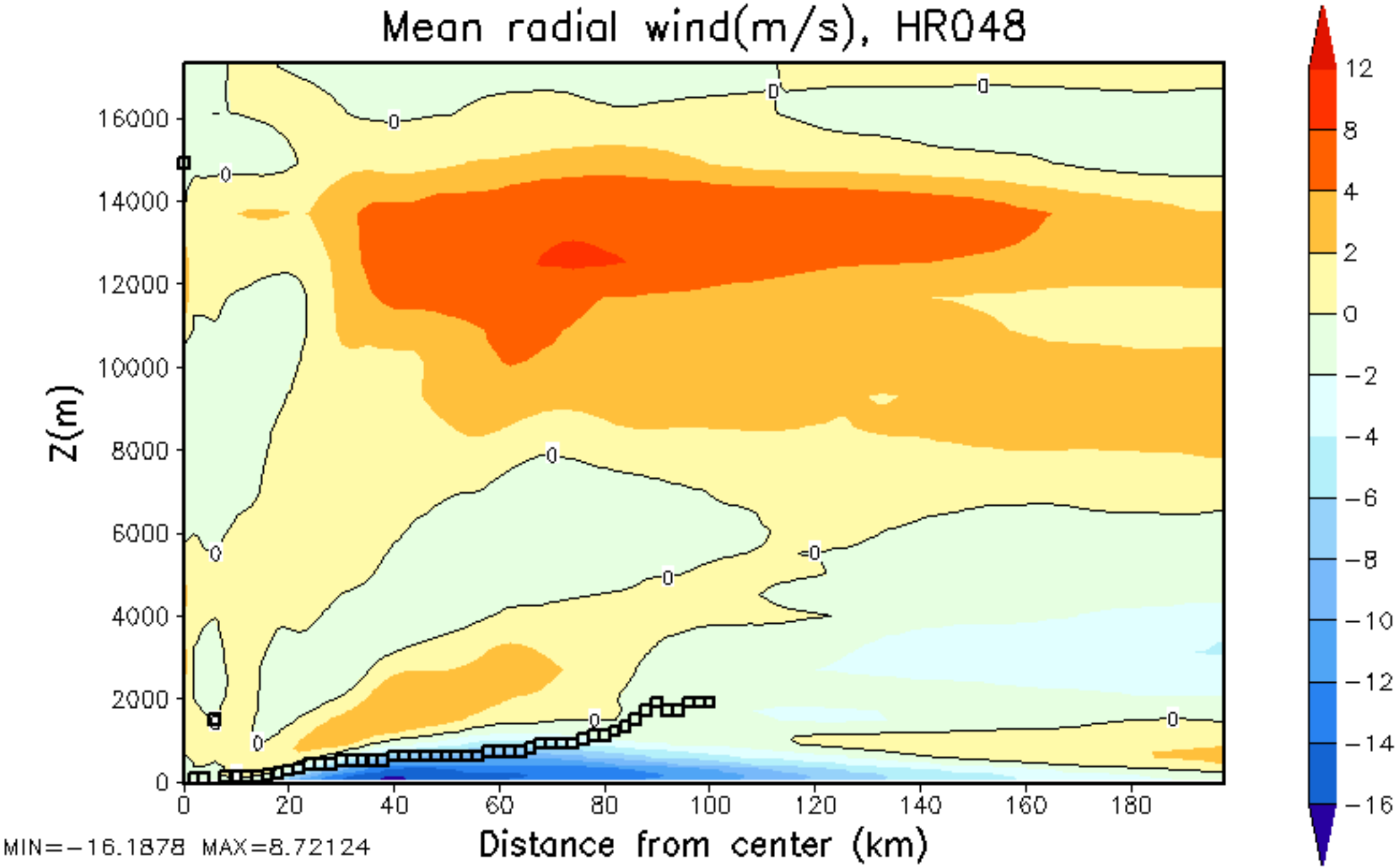
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-14.6123 MAX=6.86684
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR048
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=-16.1878 MAX=8.72124
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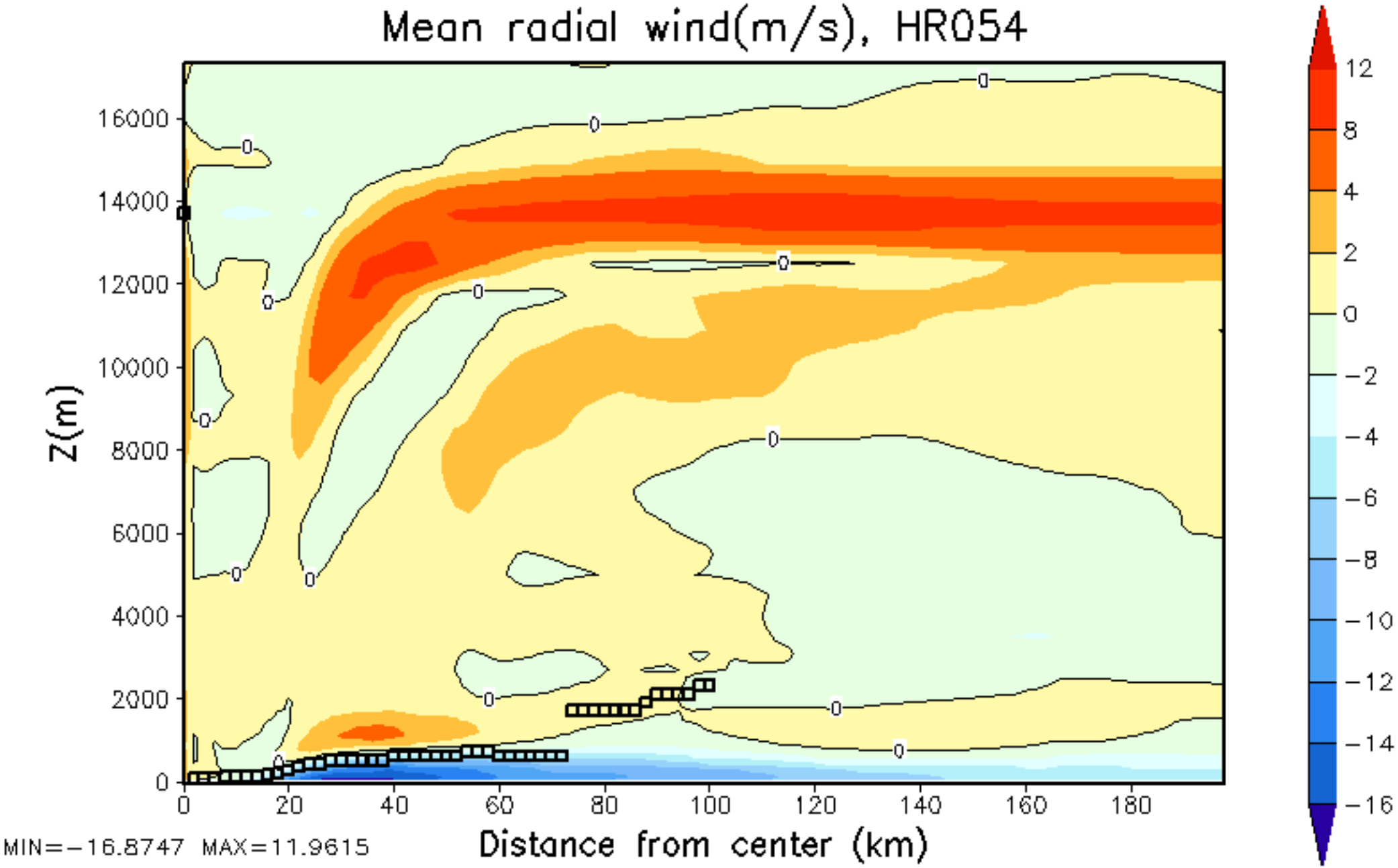
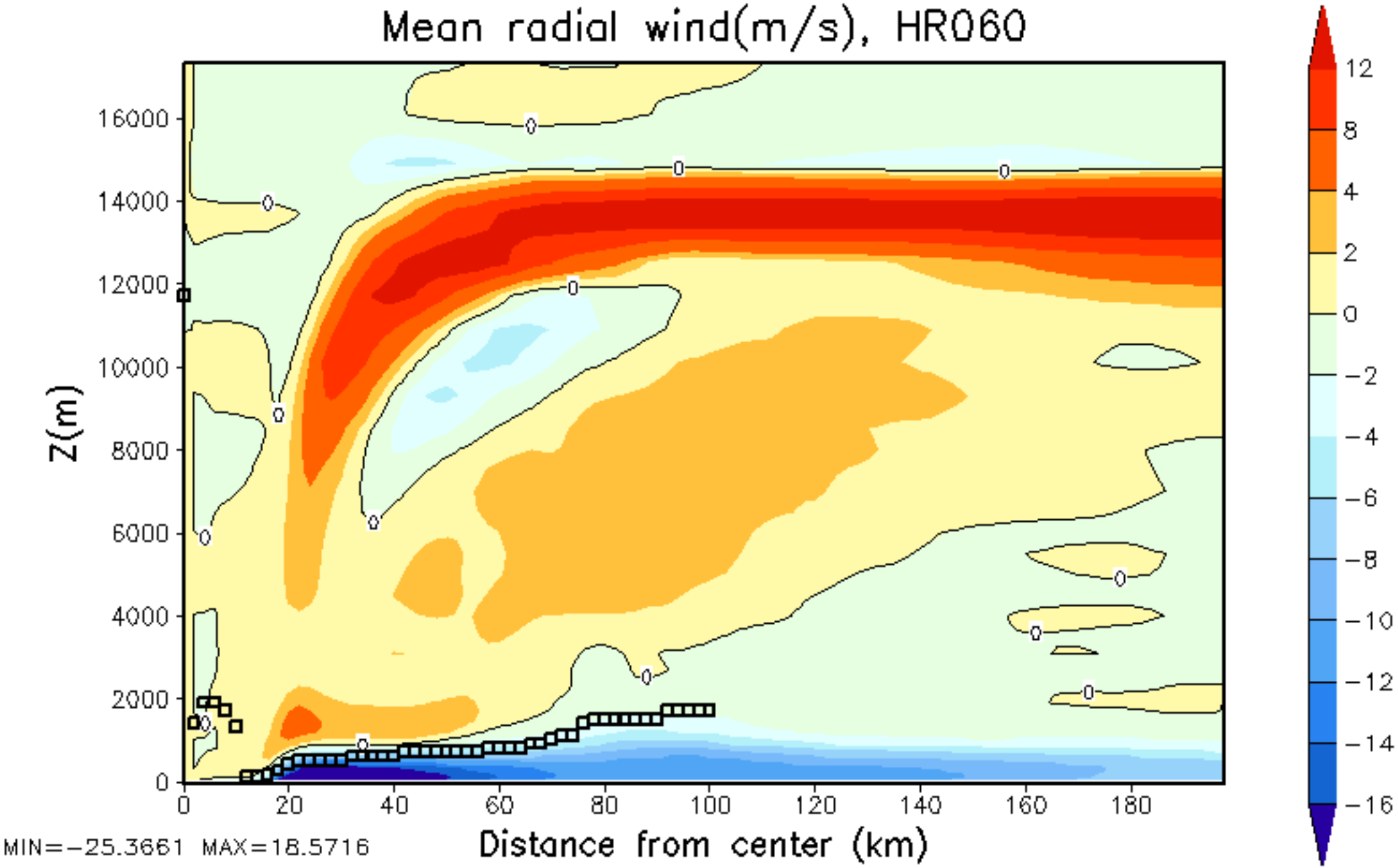
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial 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=−16.8747 MAX=11.9615
12
8
4
2
0
−2
−4
−6
−8
−10
−12
−14
−16


Mean radial 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=-25.3661 MAX=18.5716
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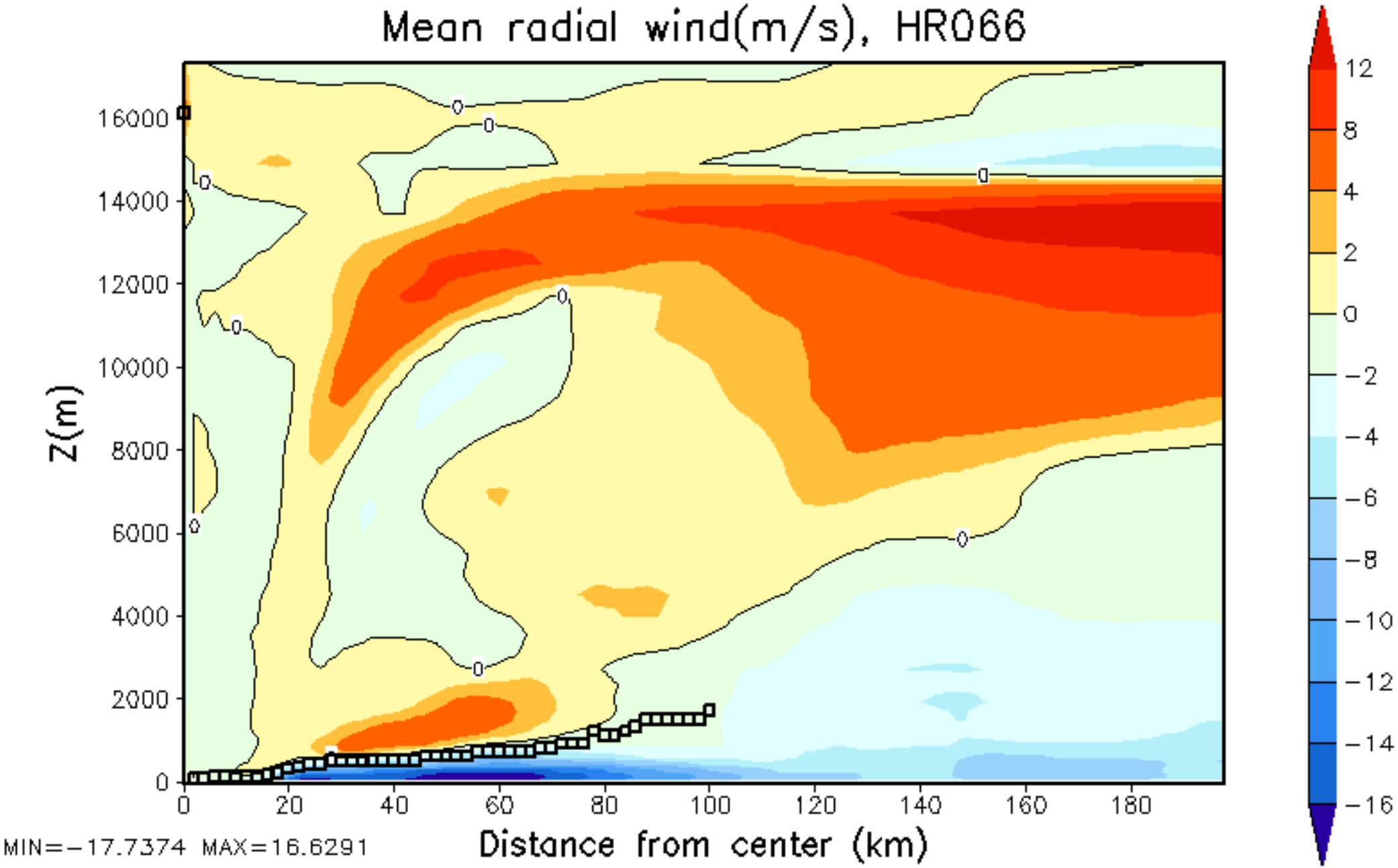
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial 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=−17.7374 MAX=16.6291
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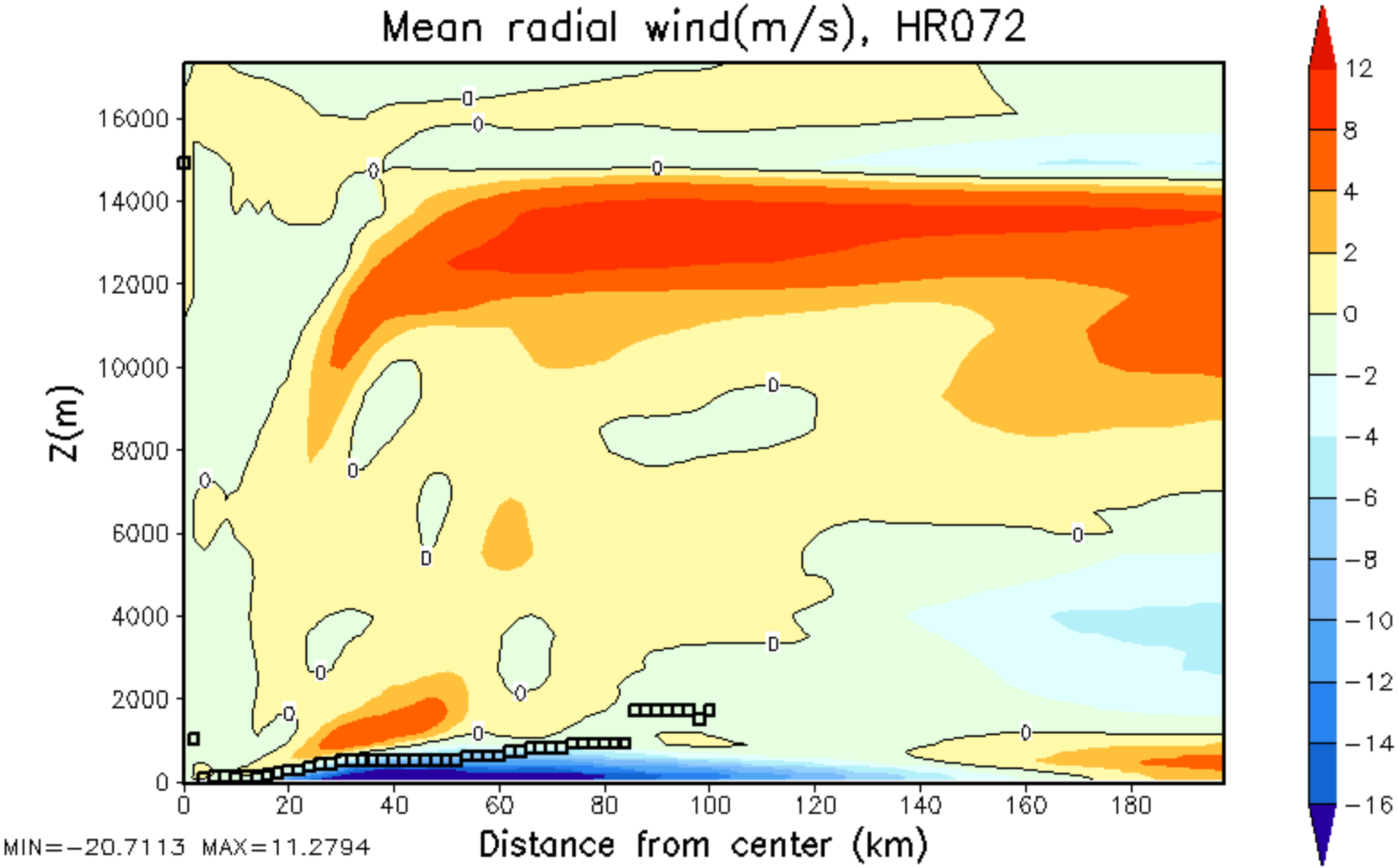
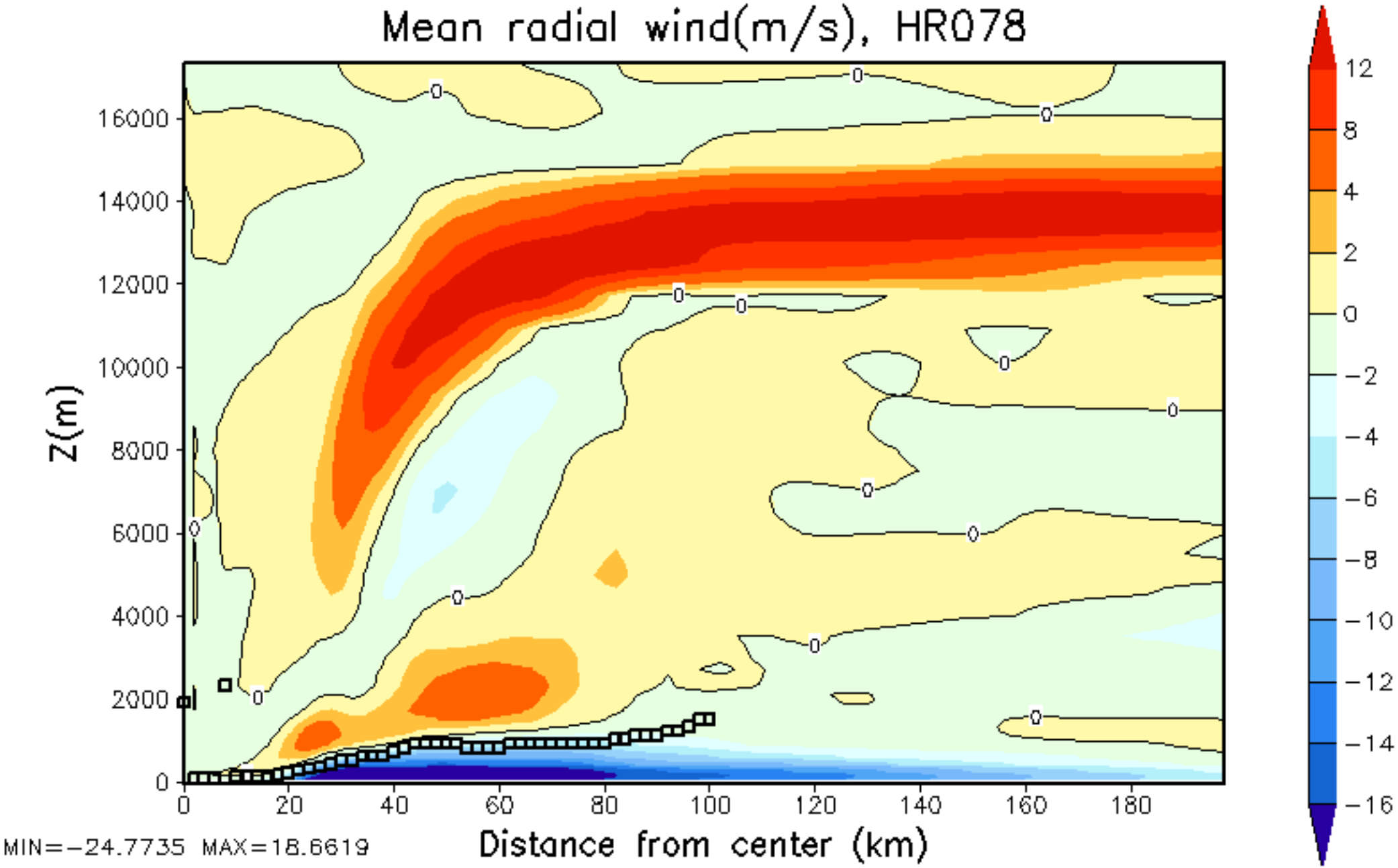
8
4
2
0
−2
−4
−6
−8
−10
−12
−14
−16


Mean radial 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=-20.7113 MAX=11.2794
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR078
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=-24.7735 MAX=18.6619
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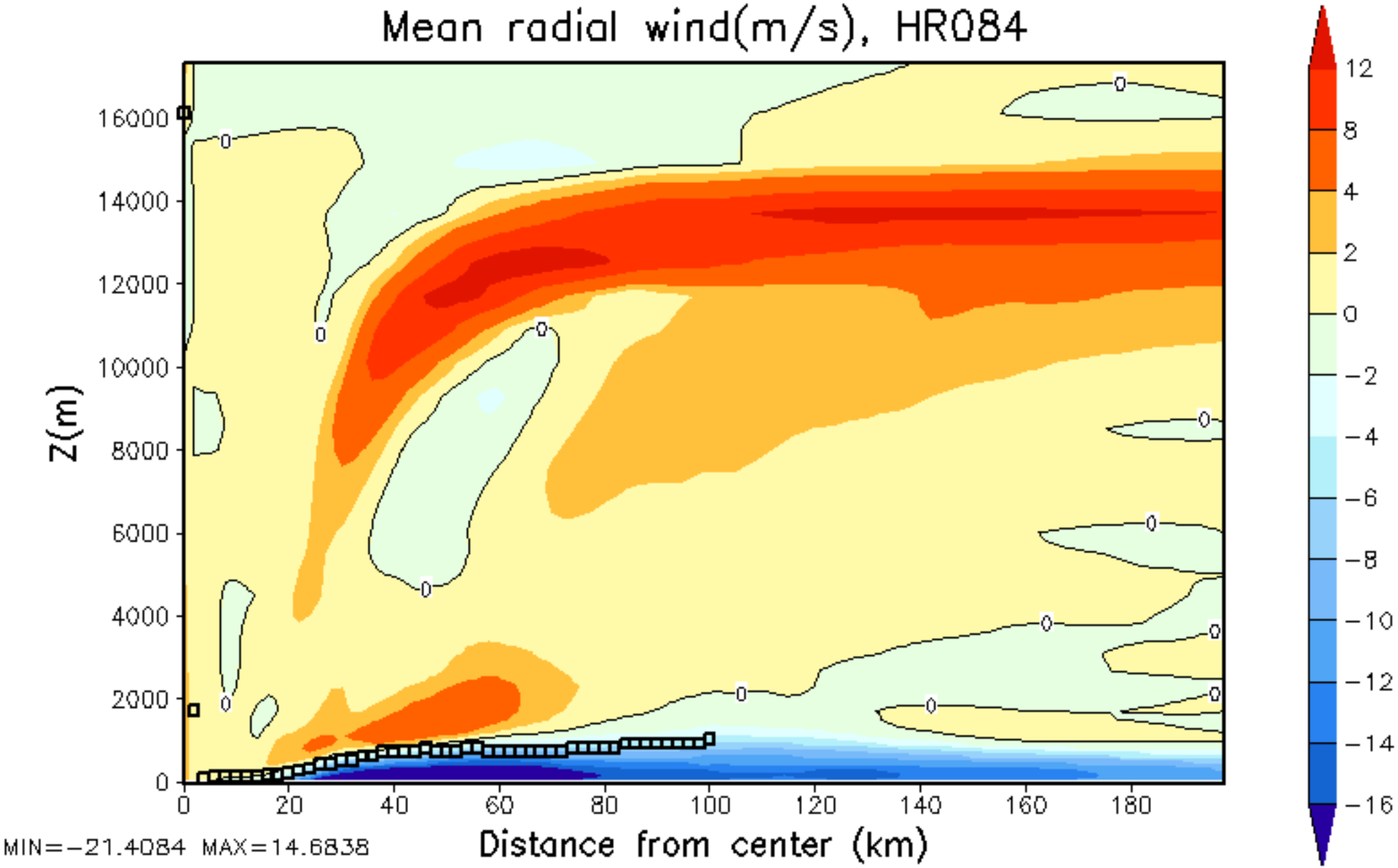
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/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)
MIN=-21.4084 MAX=14.6838
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8
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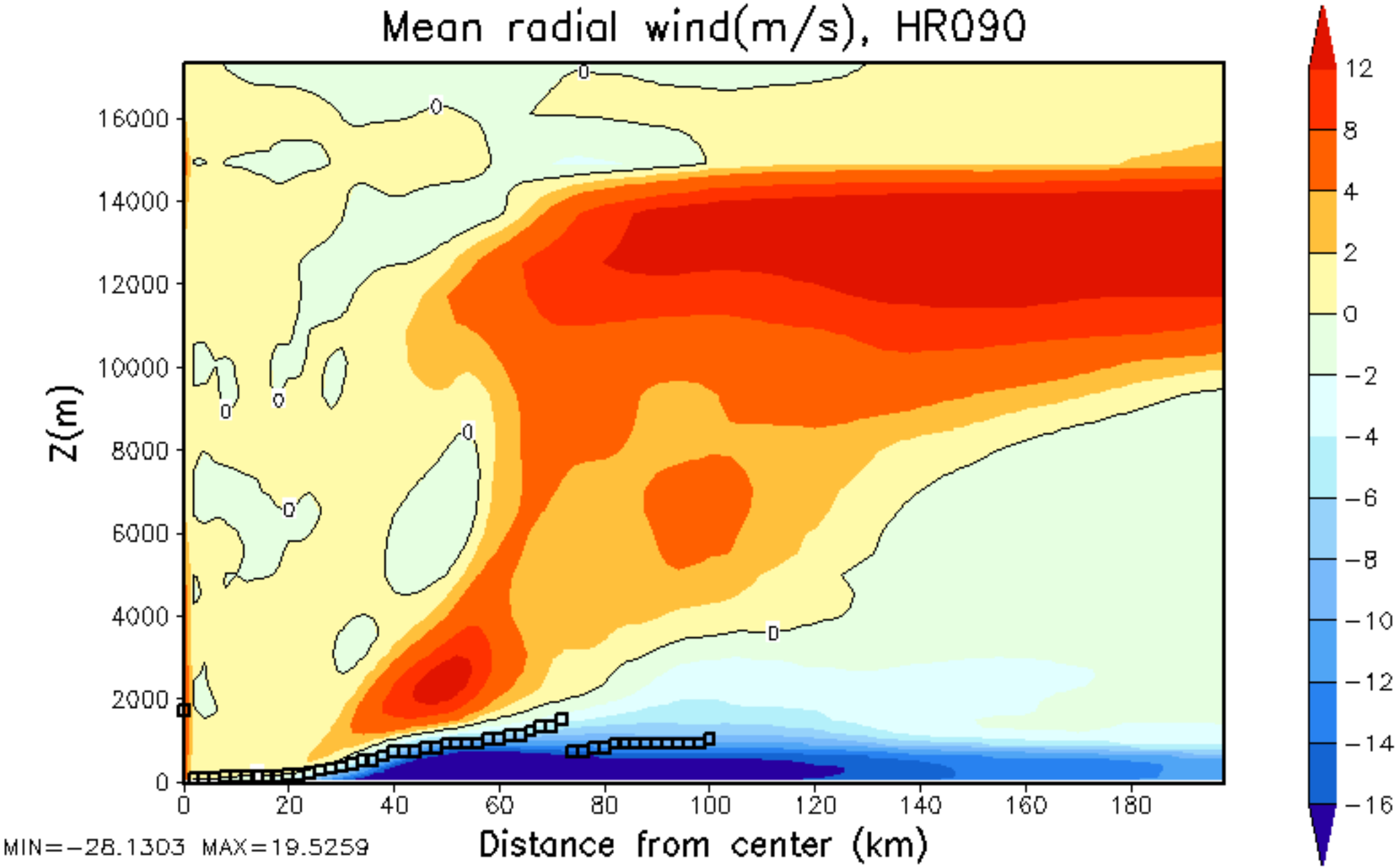
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR090
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-28.1303 MAX=19.5259
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8
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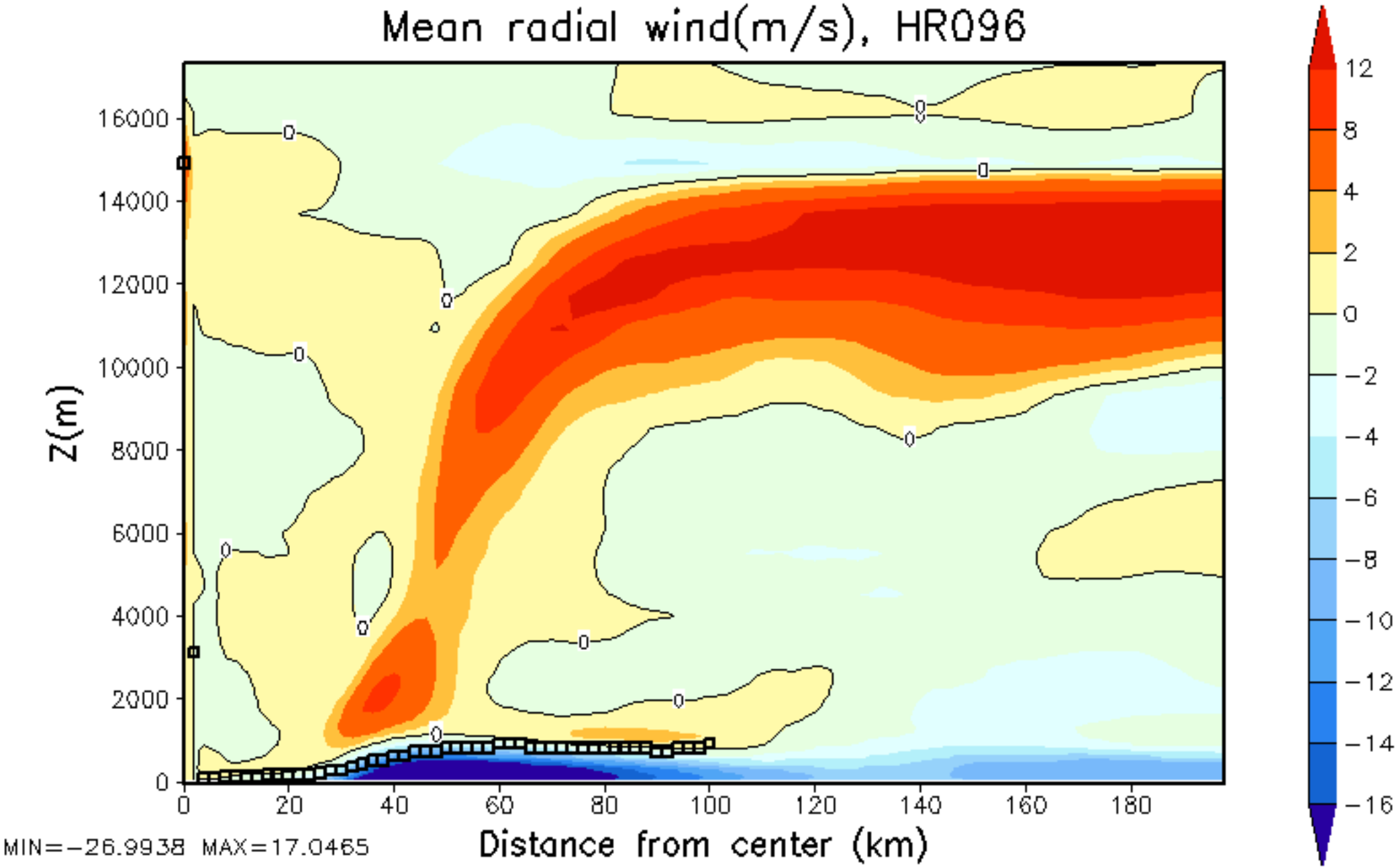
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial 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=-26.9938 MAX=17.0465
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8
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2
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-6
-8
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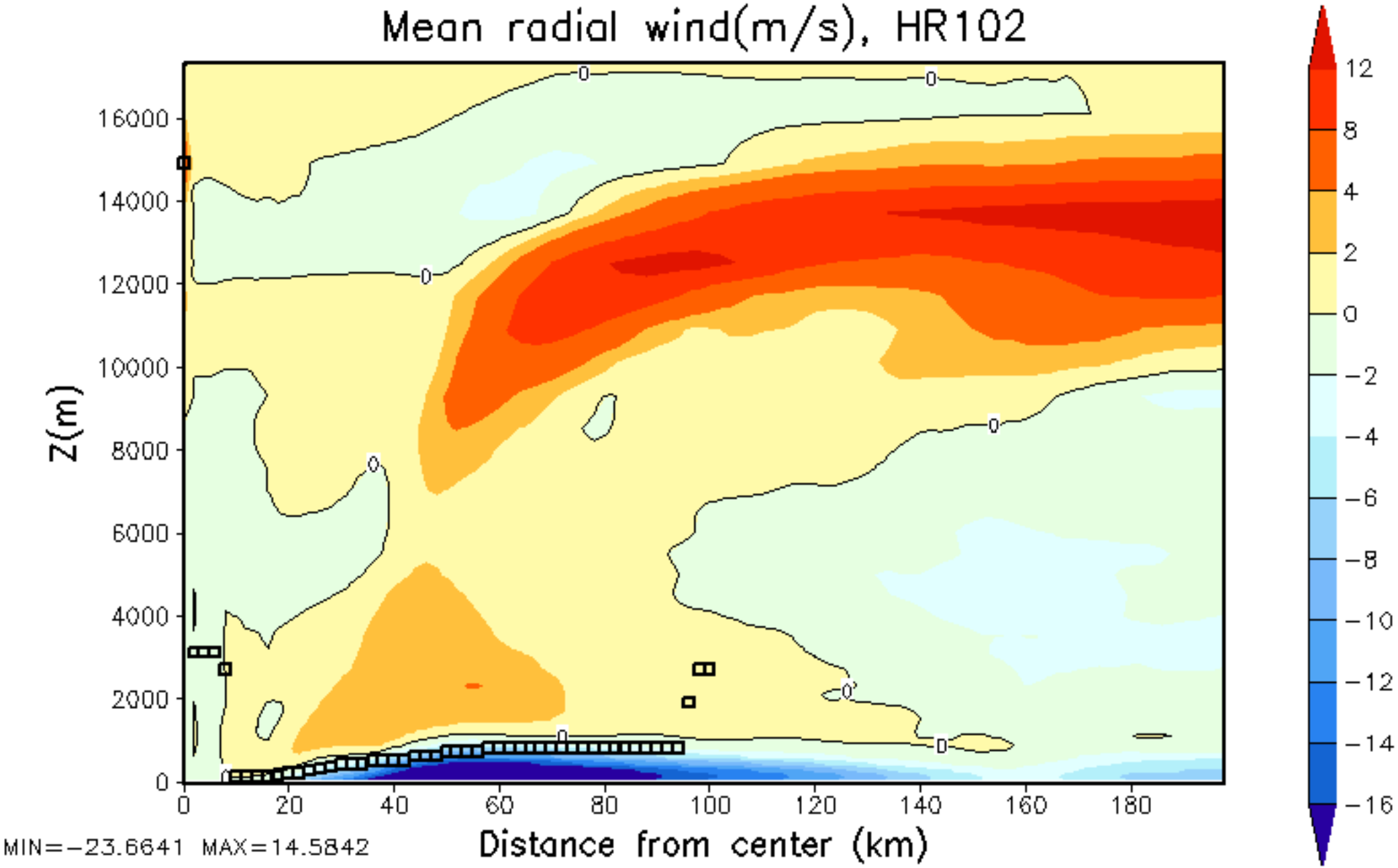
-12
-14
-16


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=-23.6641 MAX=14.5842
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2
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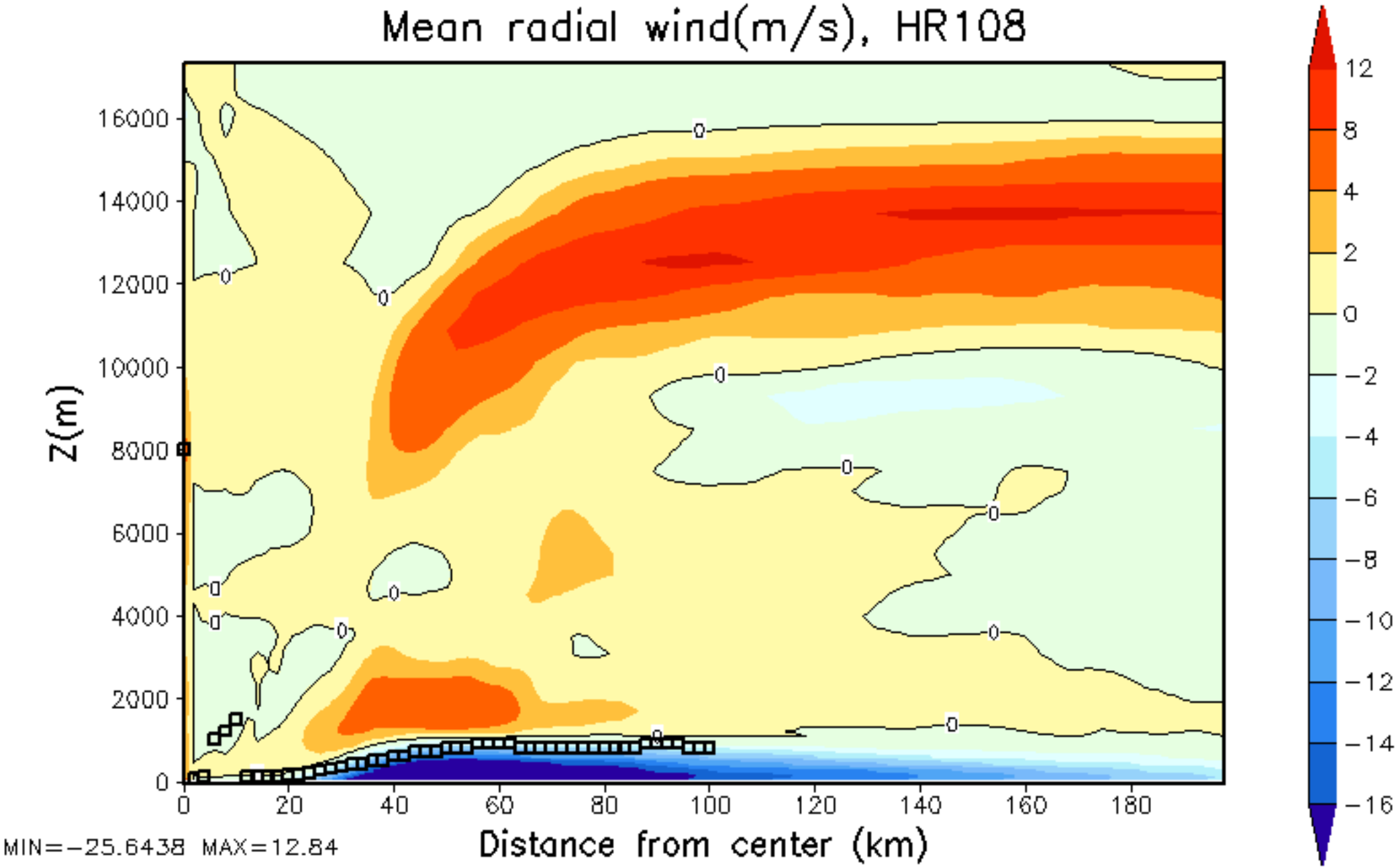
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/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)
MIN=-25.6438 MAX=12.84
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-2
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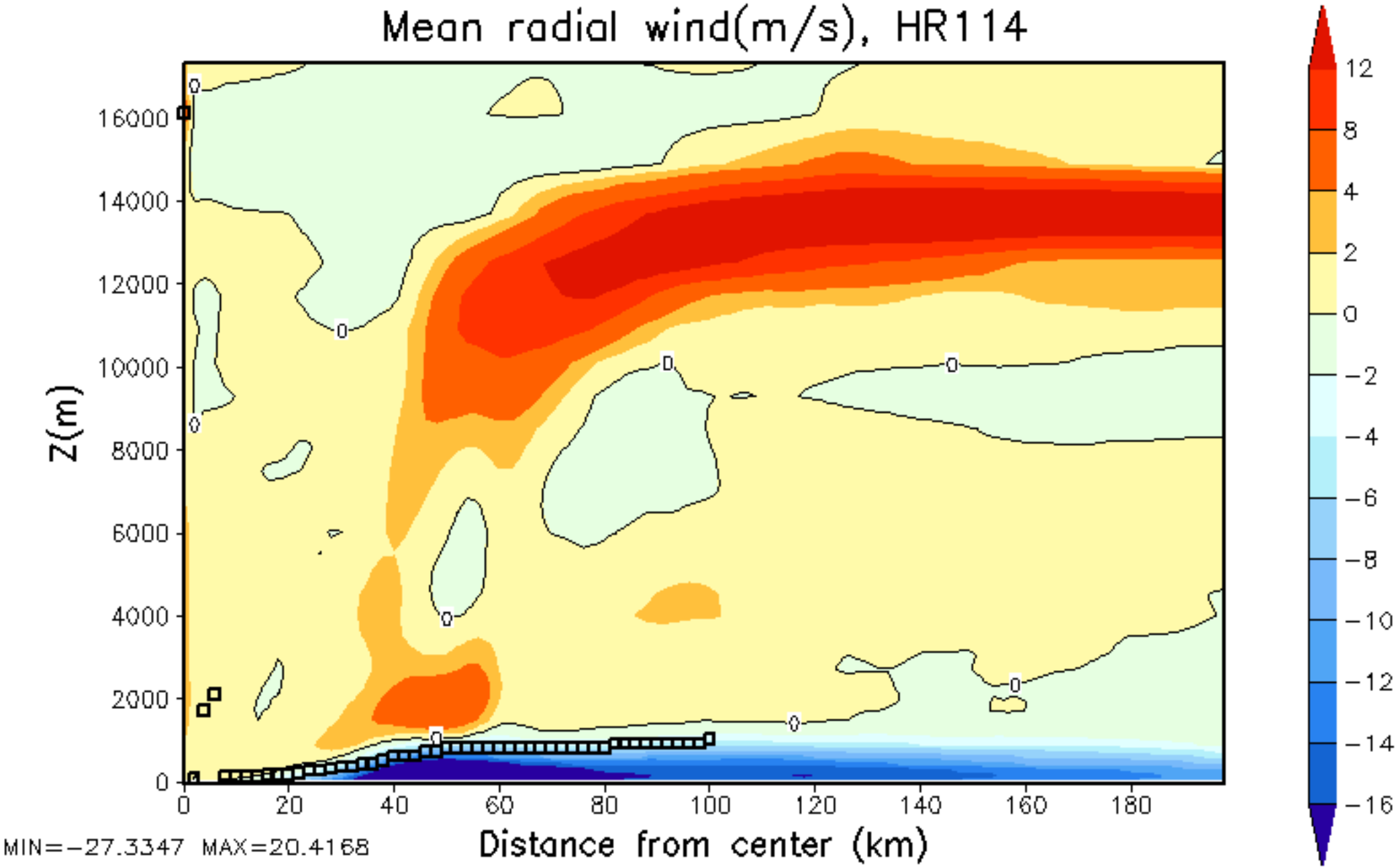
-6
-8
-10
-12
-14
-16


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=-27.3347 MAX=20.4168
12
8
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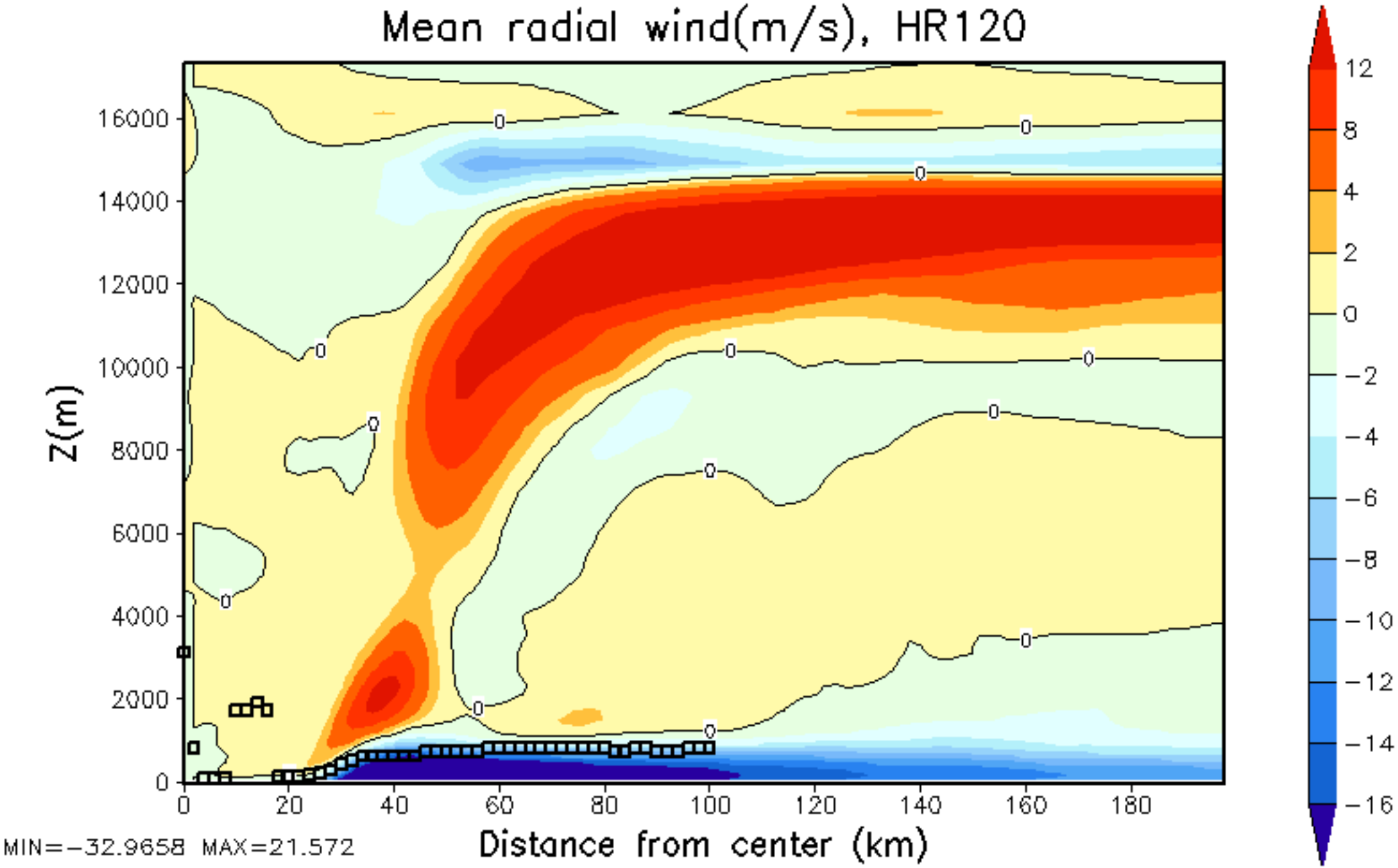
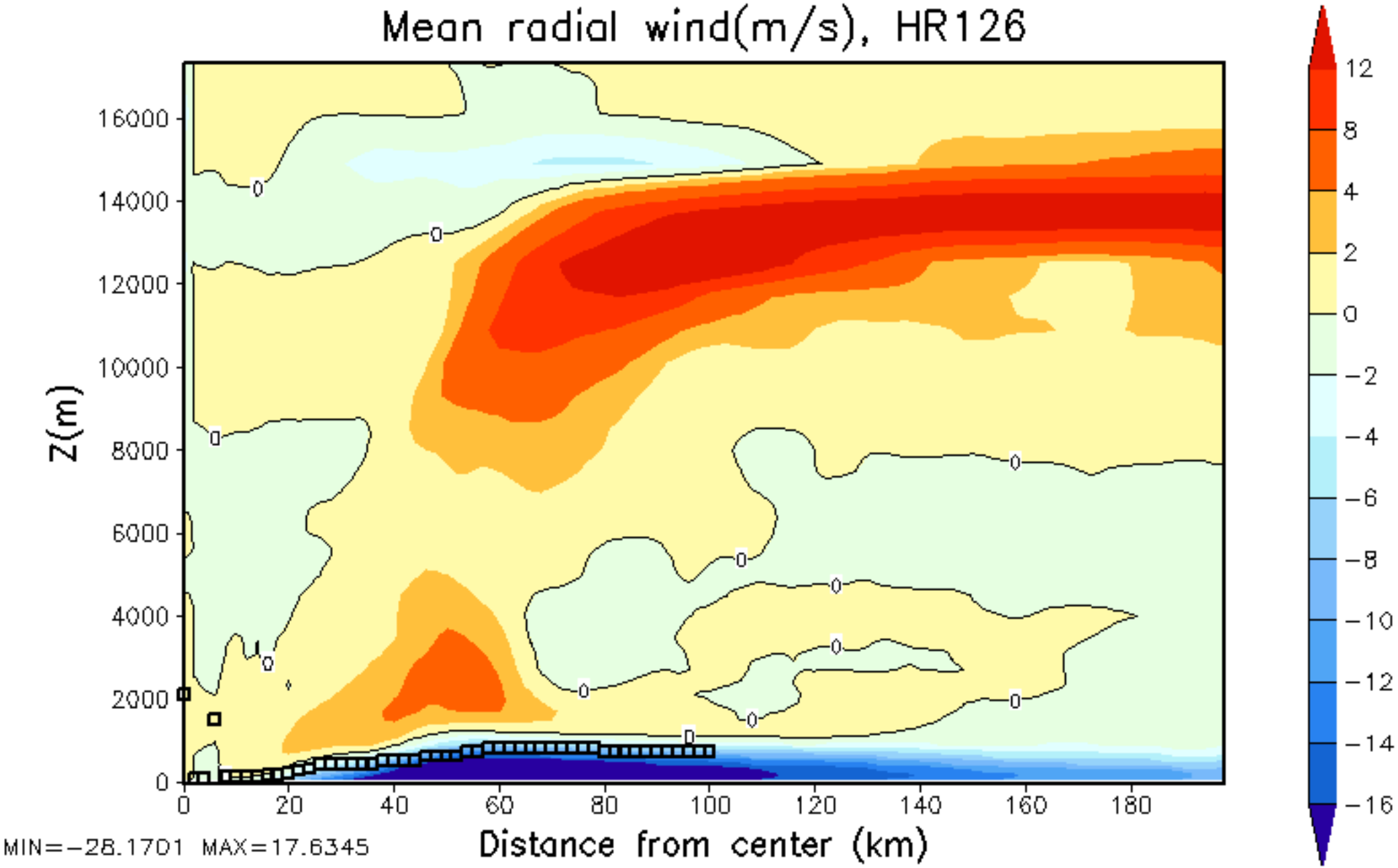
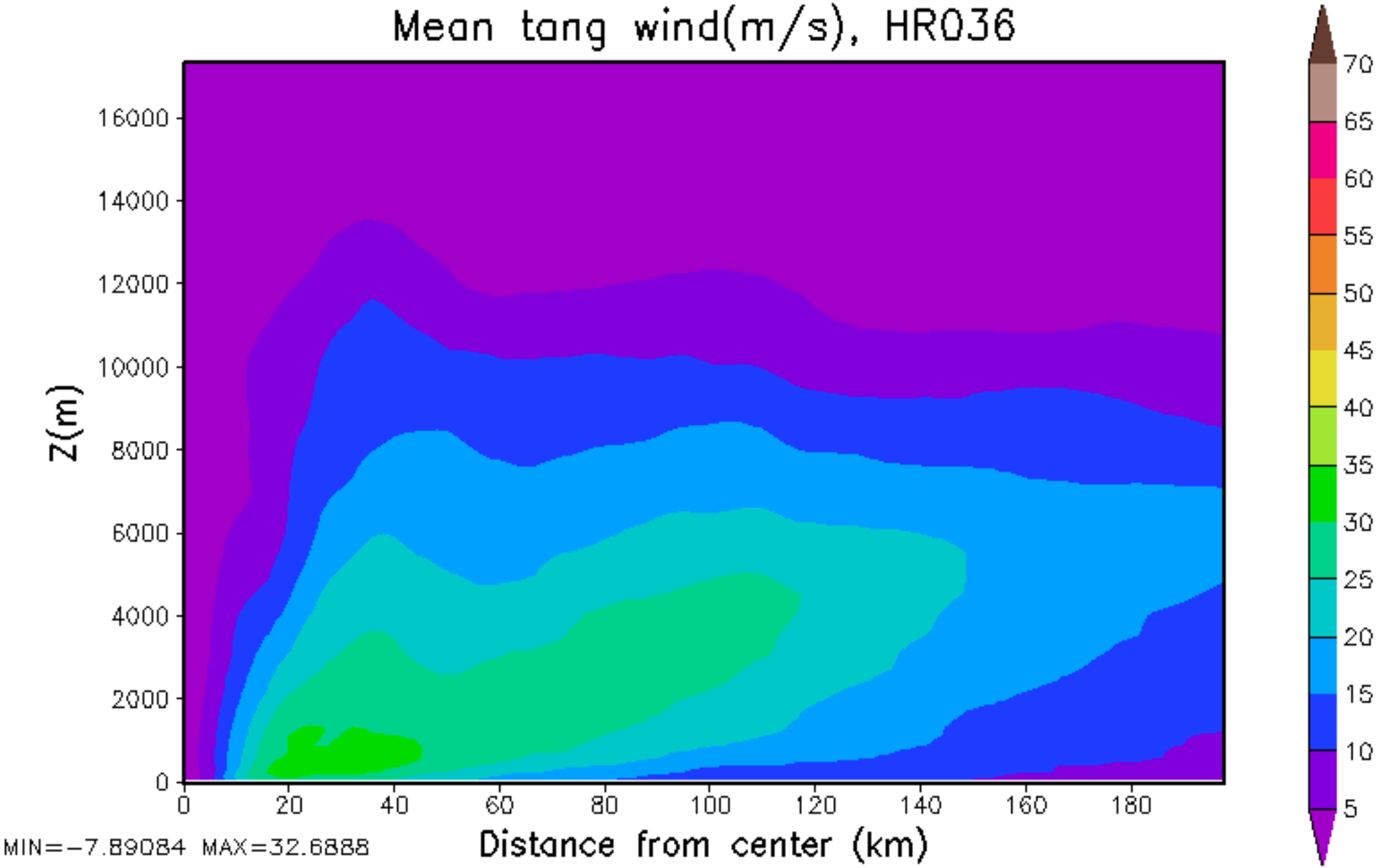
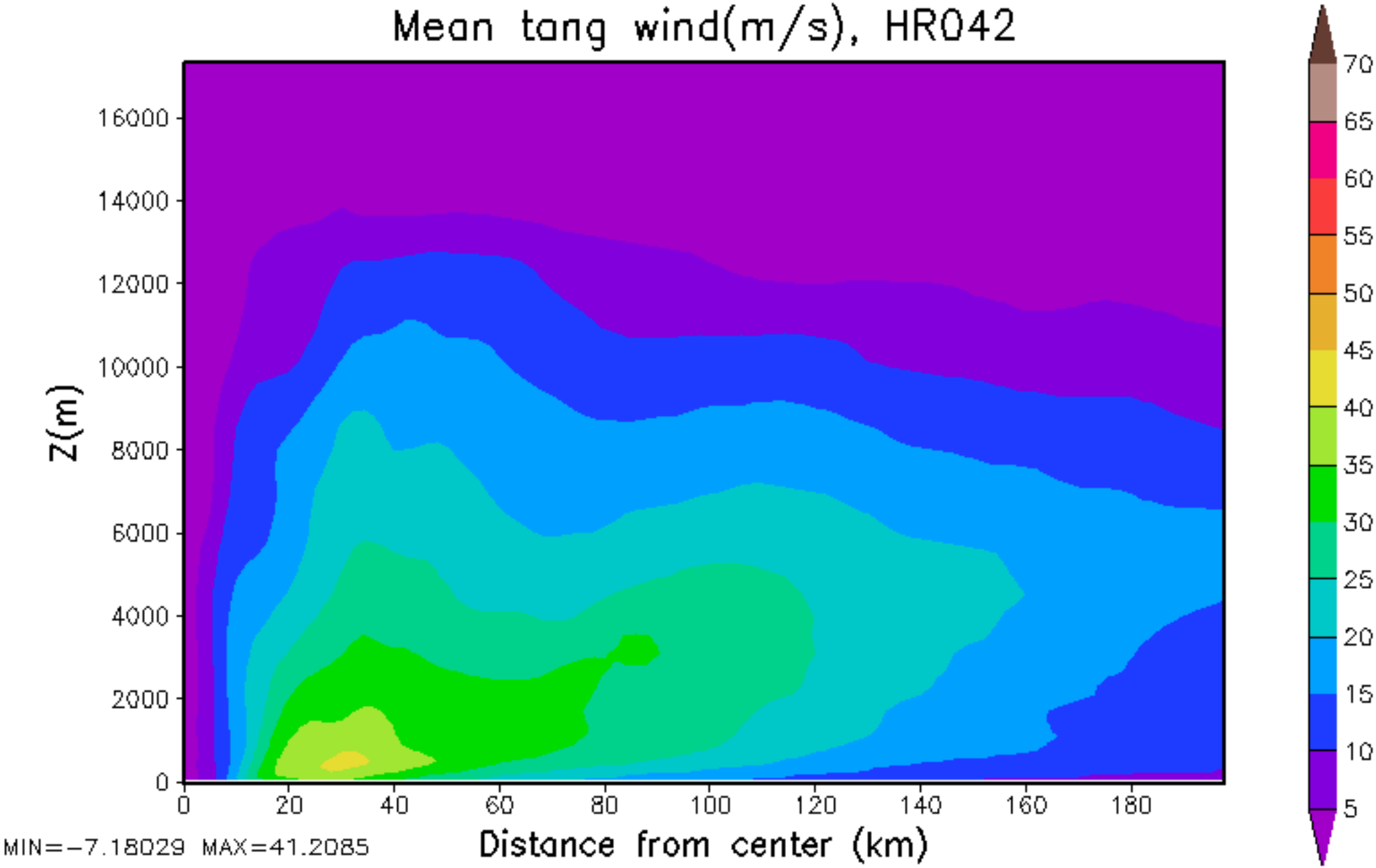
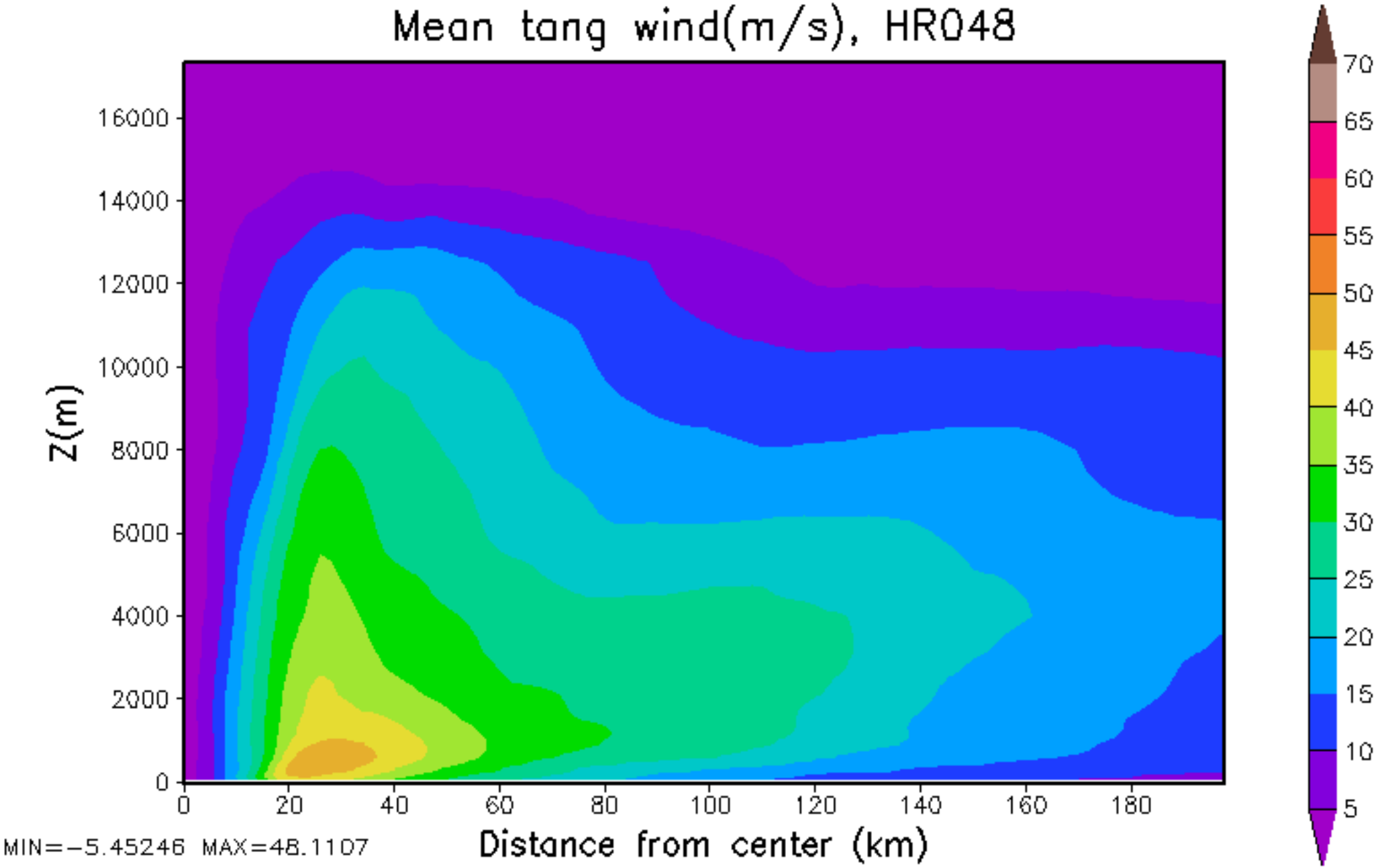
2
0
-2
-4
-6
-8
-10
-12
-14
-16

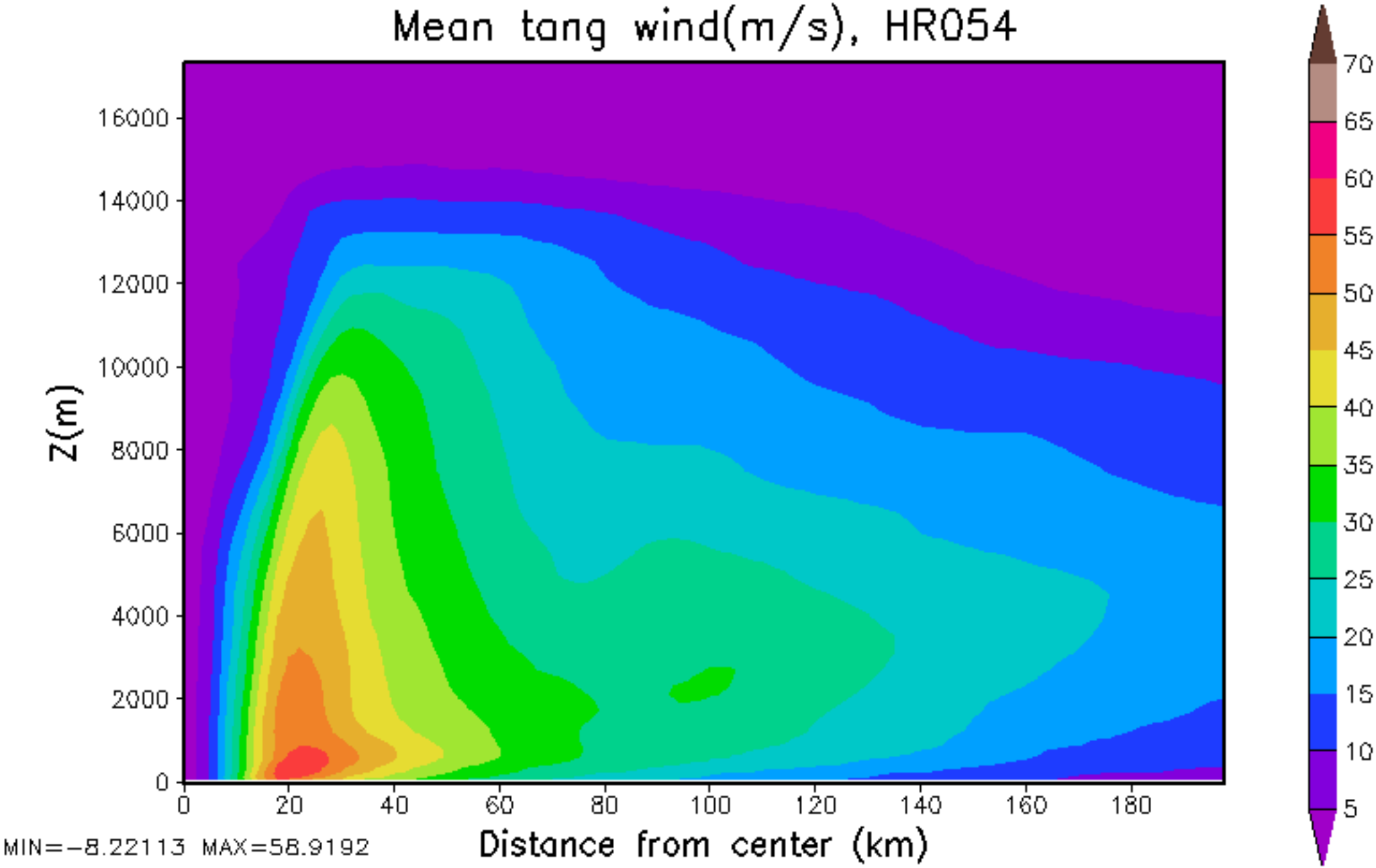

Mean radial wind(m/s), HR120
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-32.9658 MAX=21.572
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

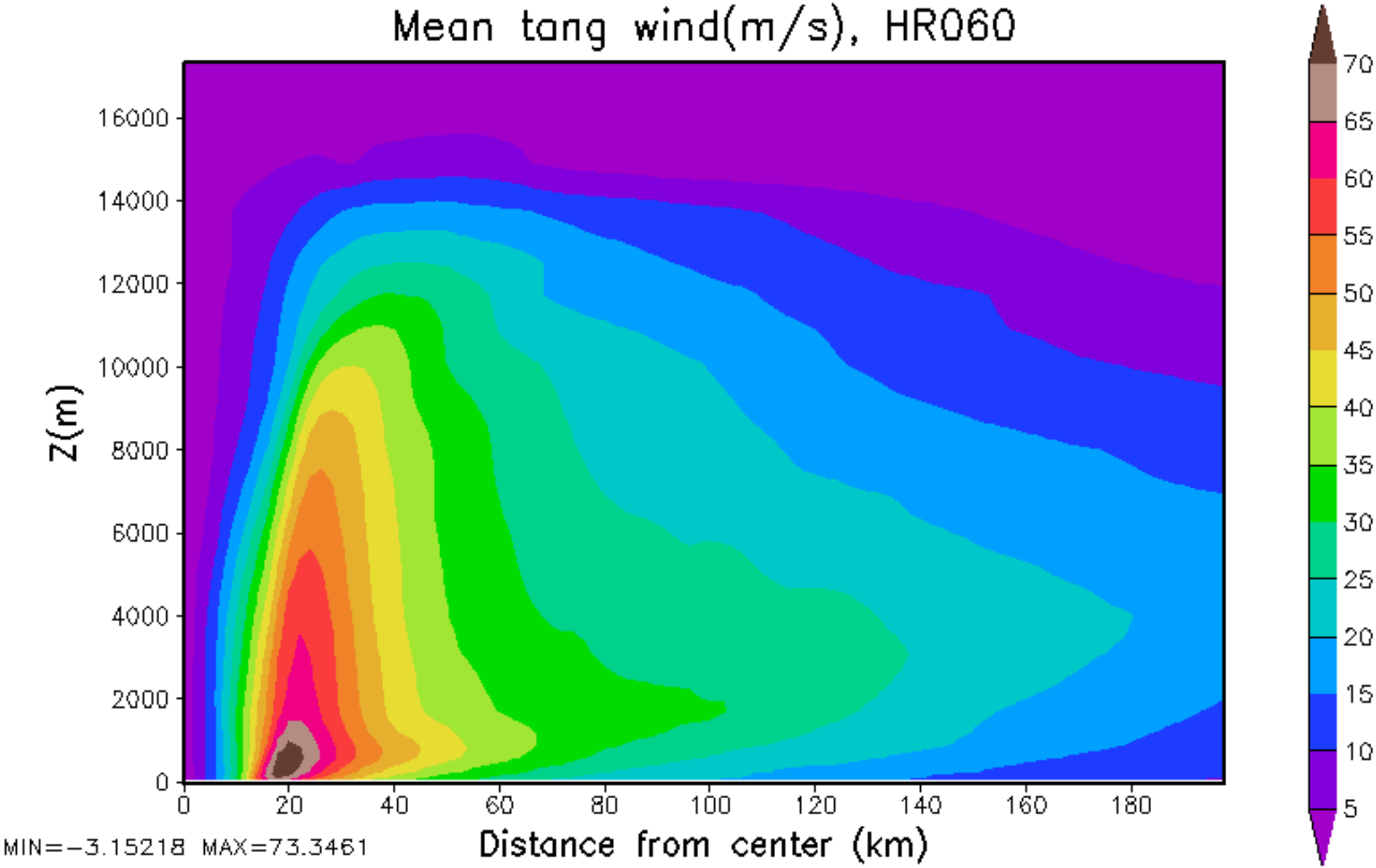

Mean radial wind(m/s), HR126
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-28.1701 MAX=17.6345
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

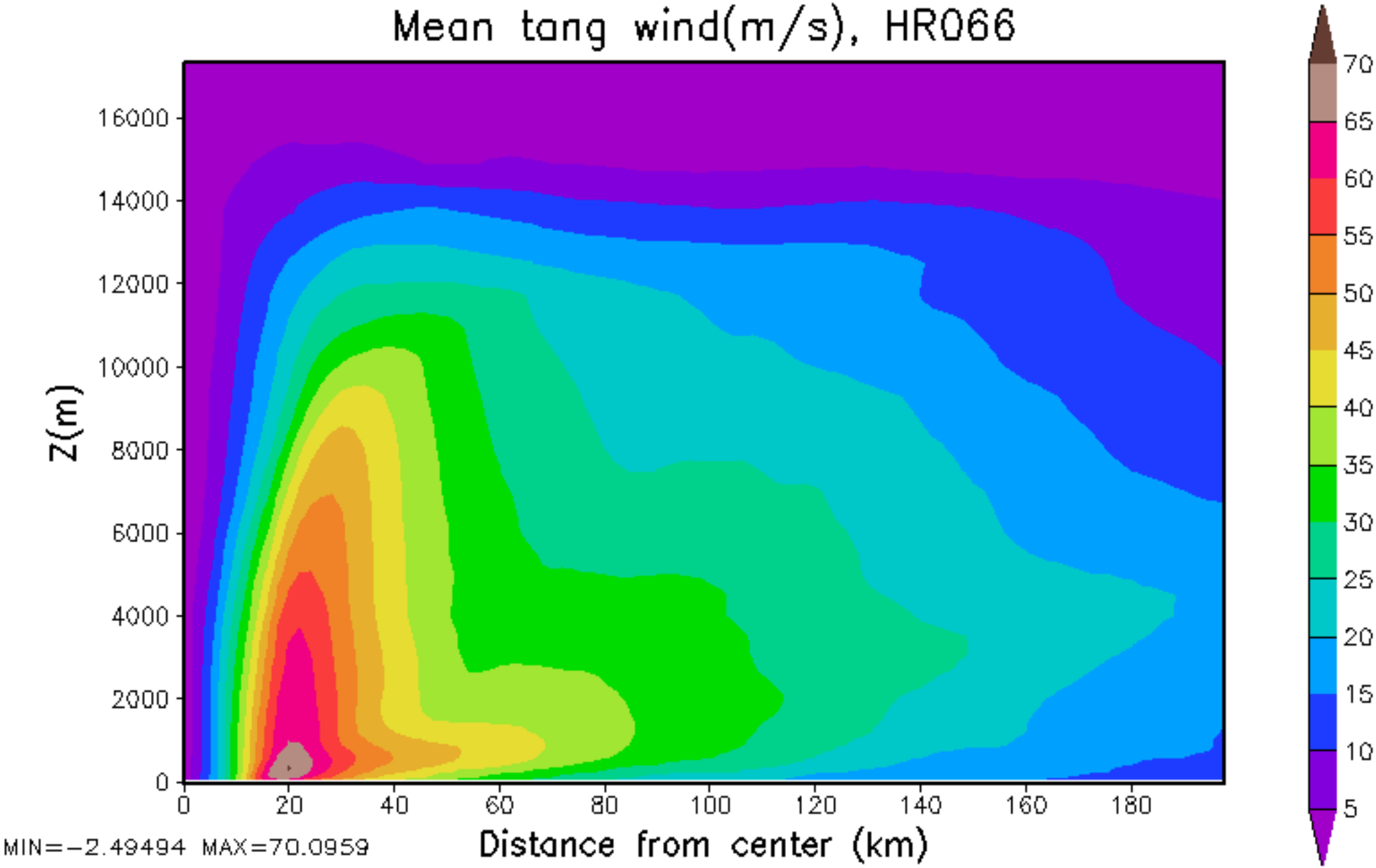

Mean tang wind(m/s), HR036
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-7.89084 MAX=32.6888
70
65
60
55
50
45
40
35
30
25
20
15
10
5


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=-7.18029 MAX=41.2085
70
65
60
55
50
45
40
35
30
25
20
15
10
5


Mean tang wind(m/s), HR048
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=-5.45246 MAX=48.1107
70
65
60
55
50
45
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=-8.22113 MAX=58.9192
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=-3.15218 MAX=73.3461
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=-2.49494 MAX=70.0959
70
65
60
55
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35
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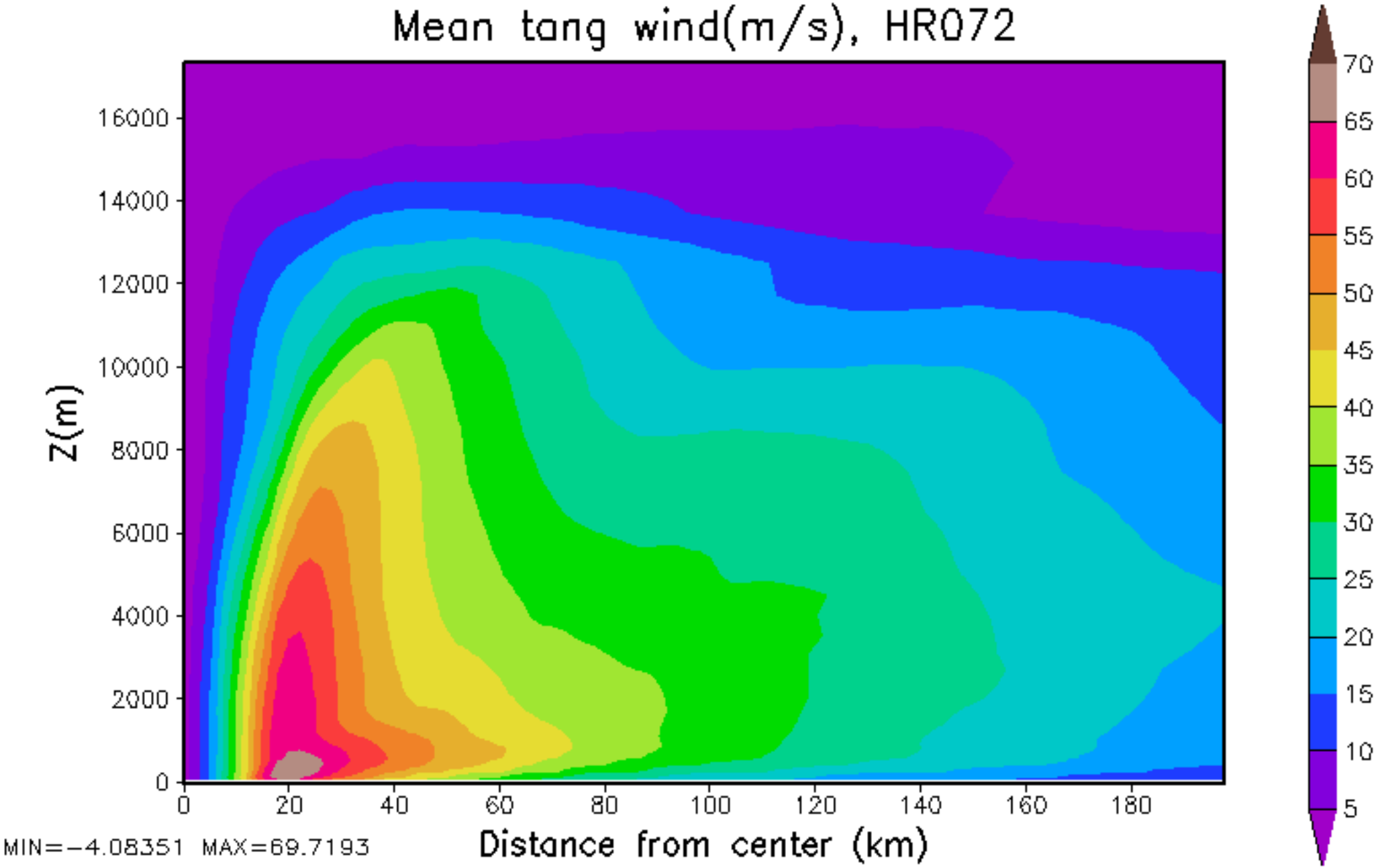
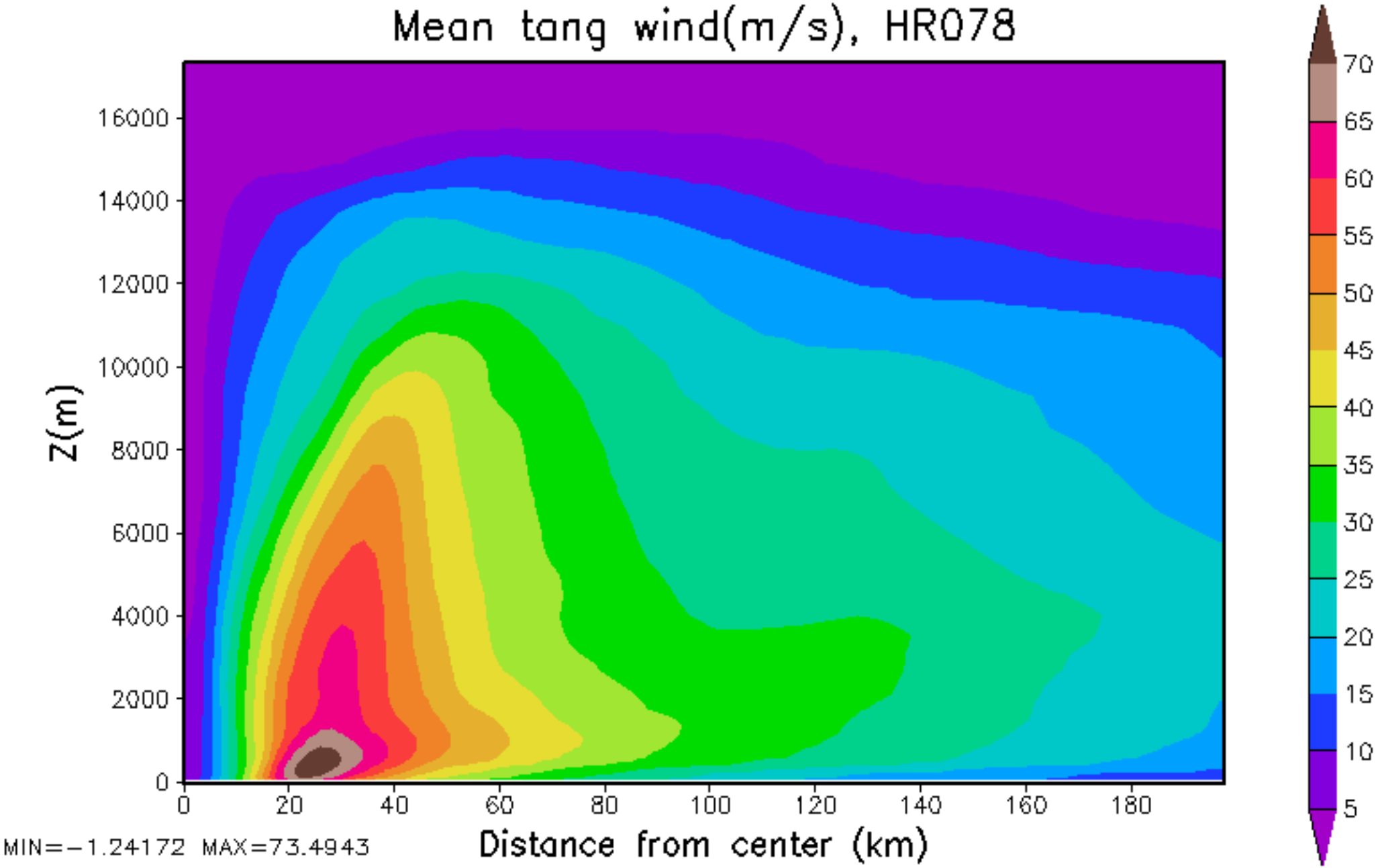
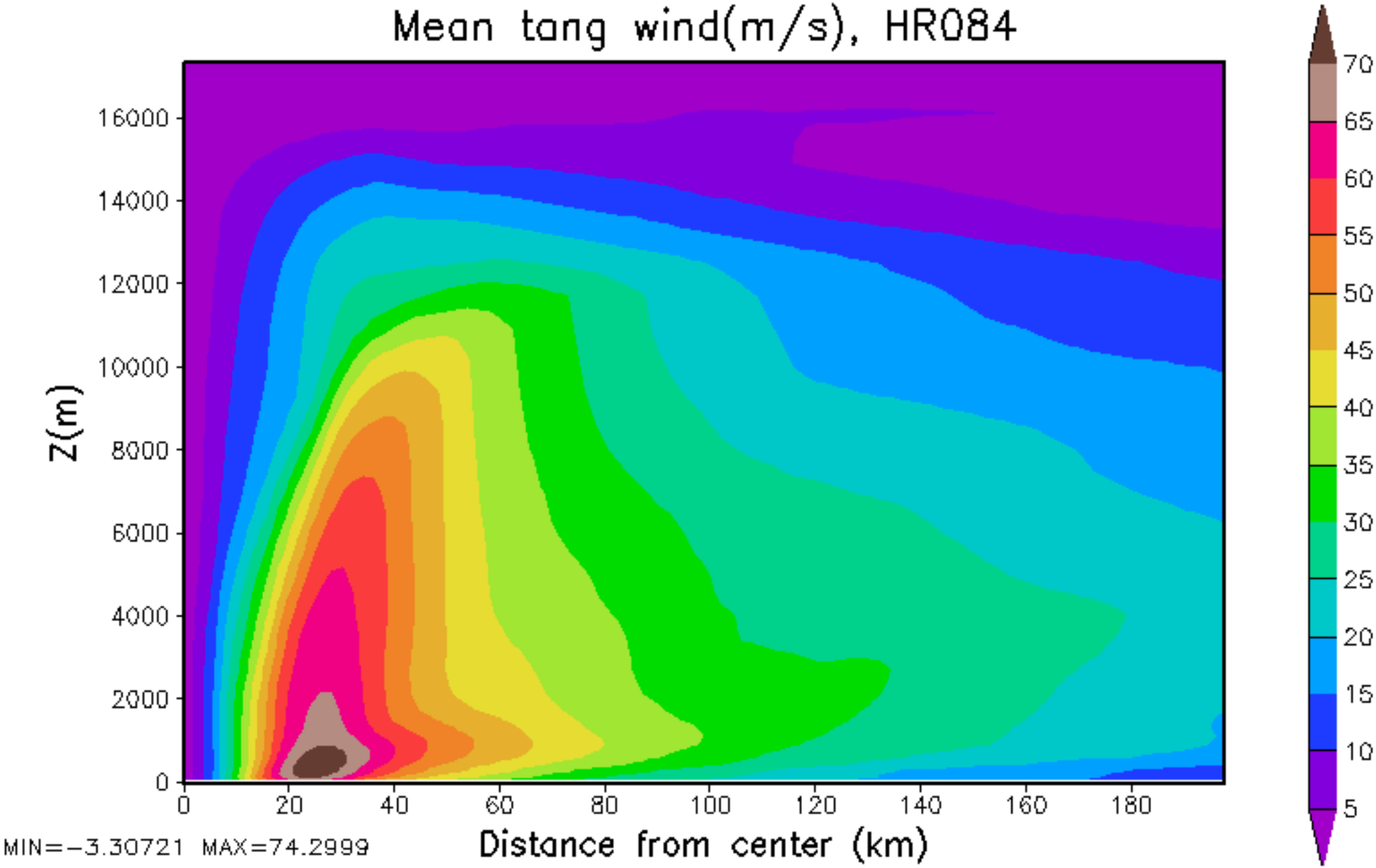
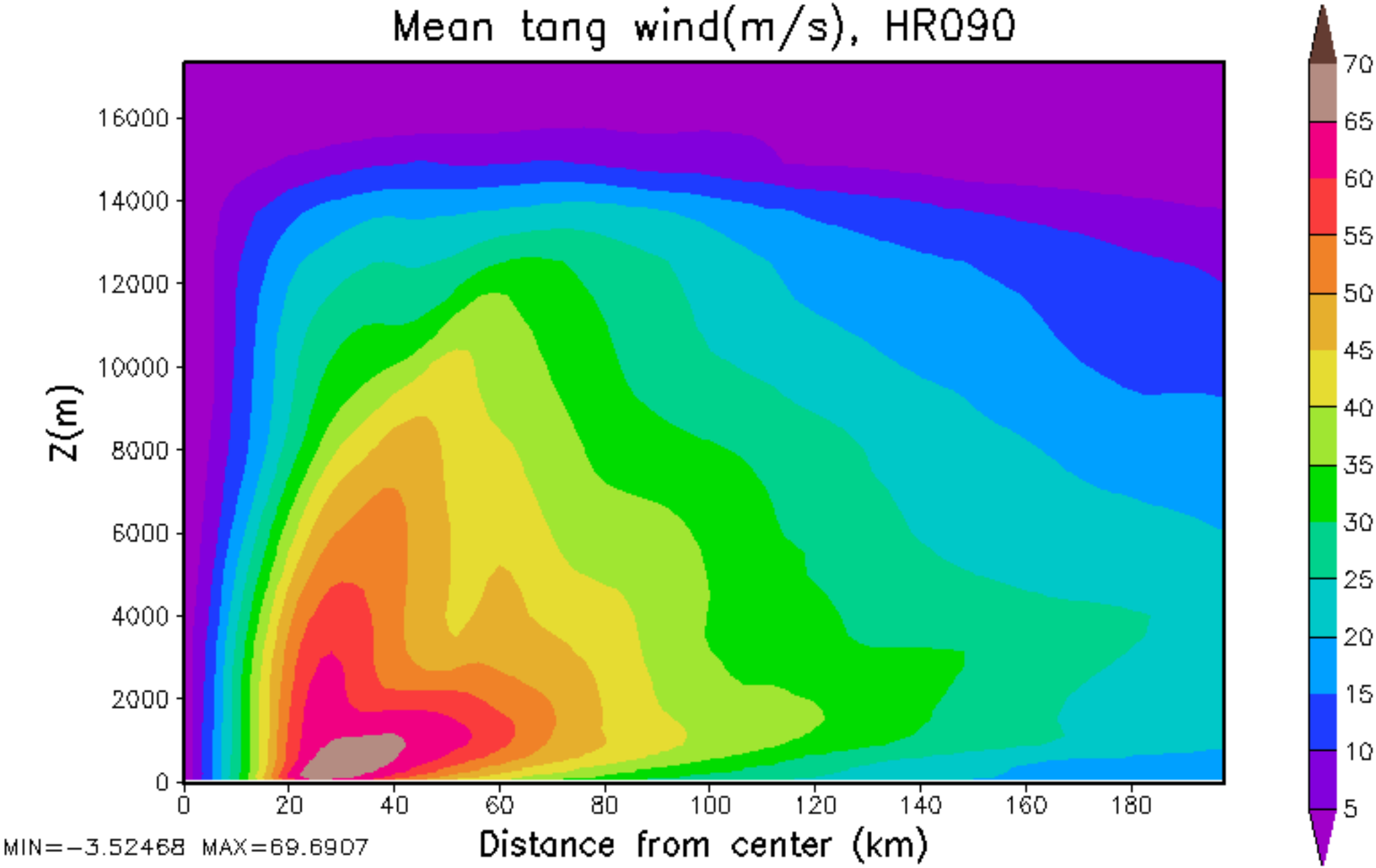
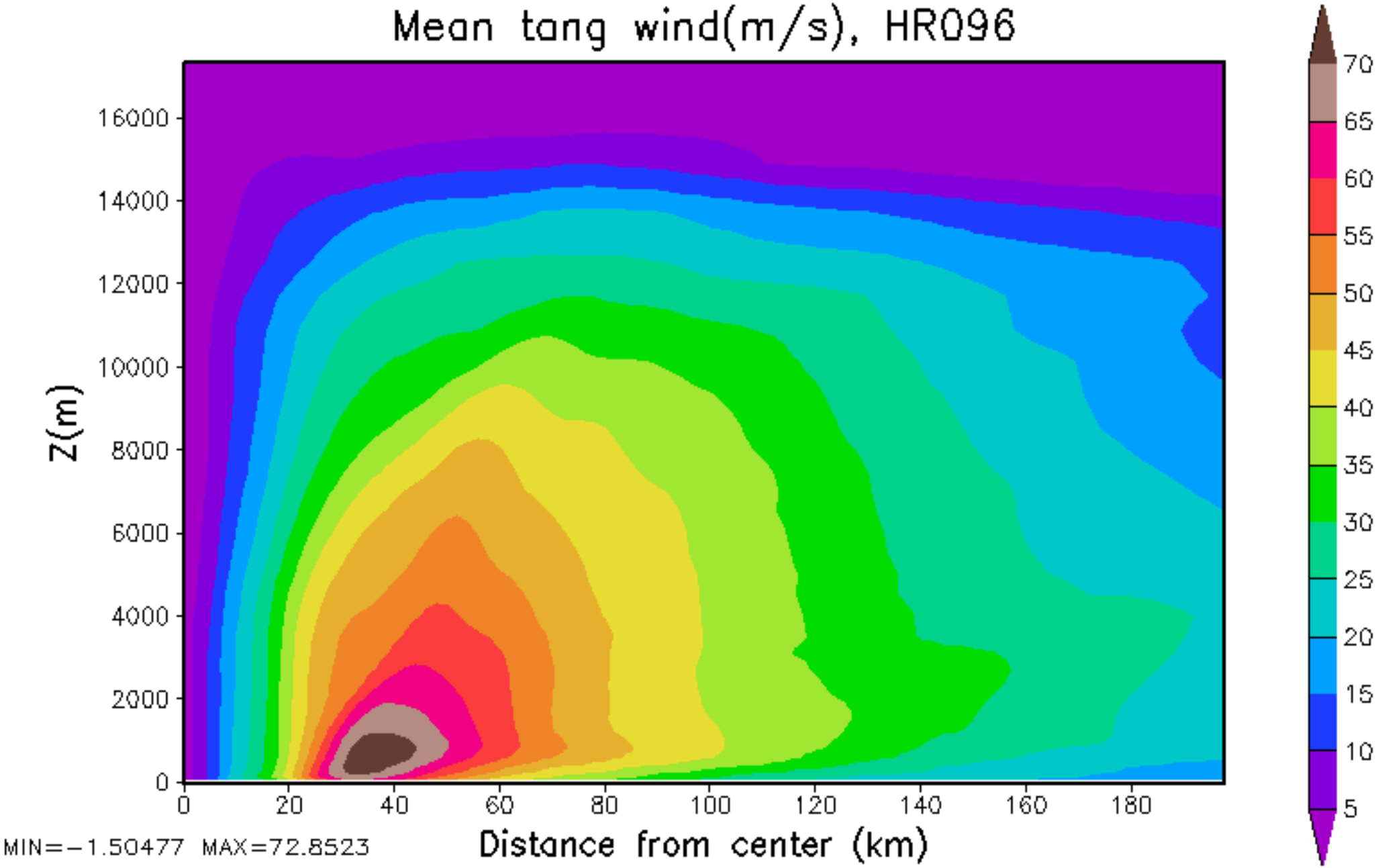
10
5

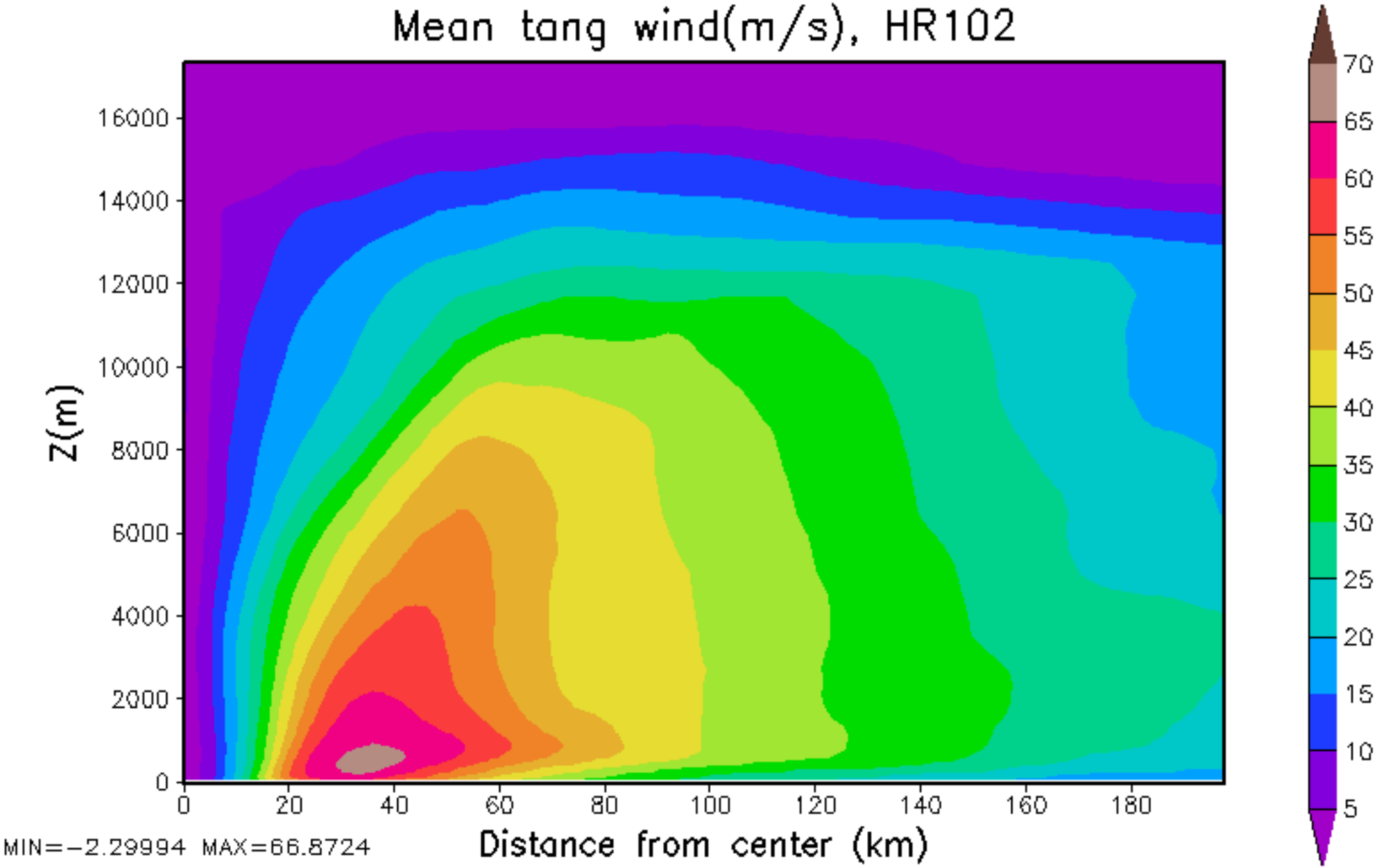

Mean tang wind(m/s), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-4.08351 MAX=69.7193
70
65
60
55
50
45
40
35
30
25
20
15
10
5

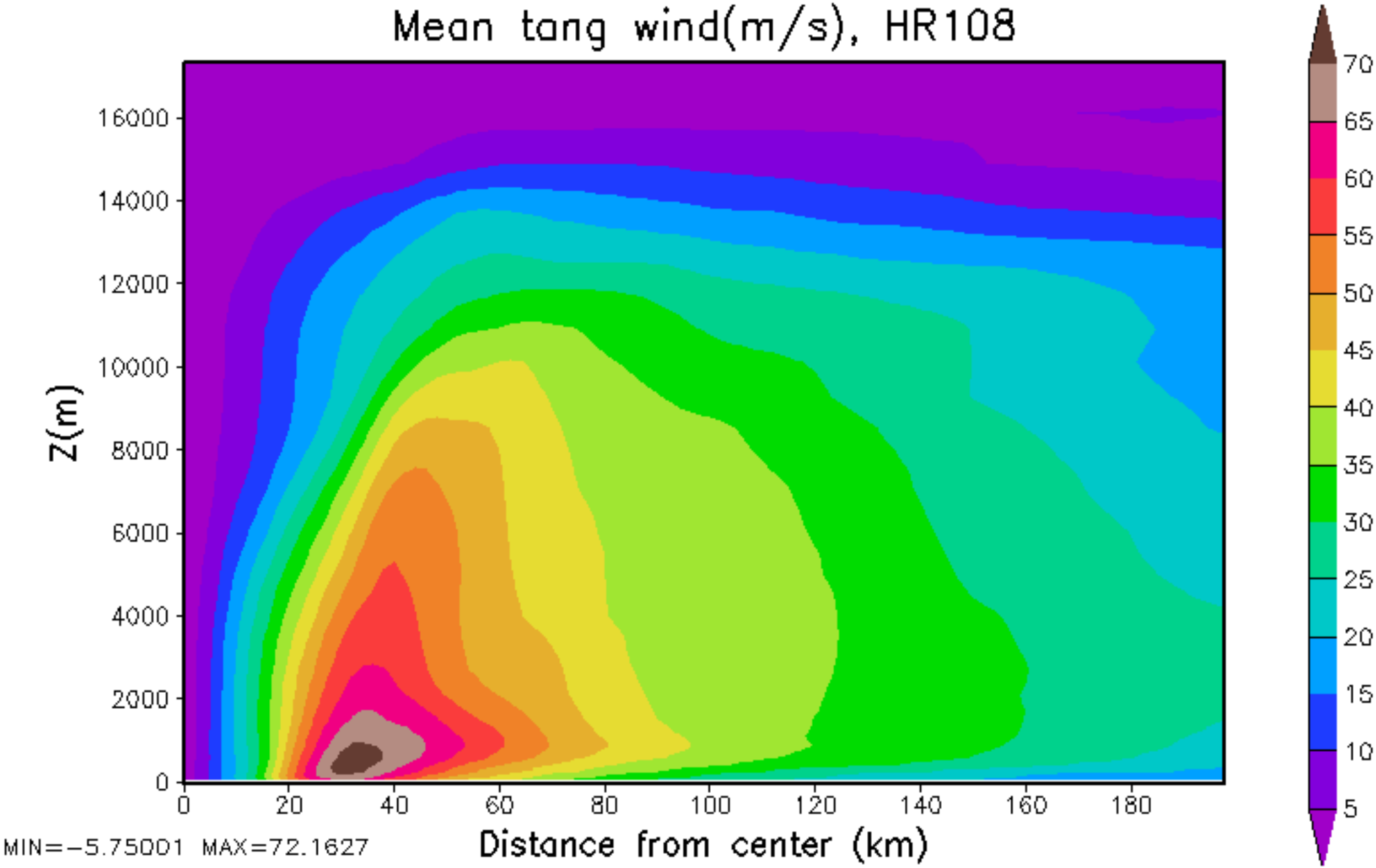

Mean tang wind(m/s), HR078
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-1.24172 MAX=73.4943
70
65
60
55
50
45
40
35
30
25
20
15
10
5

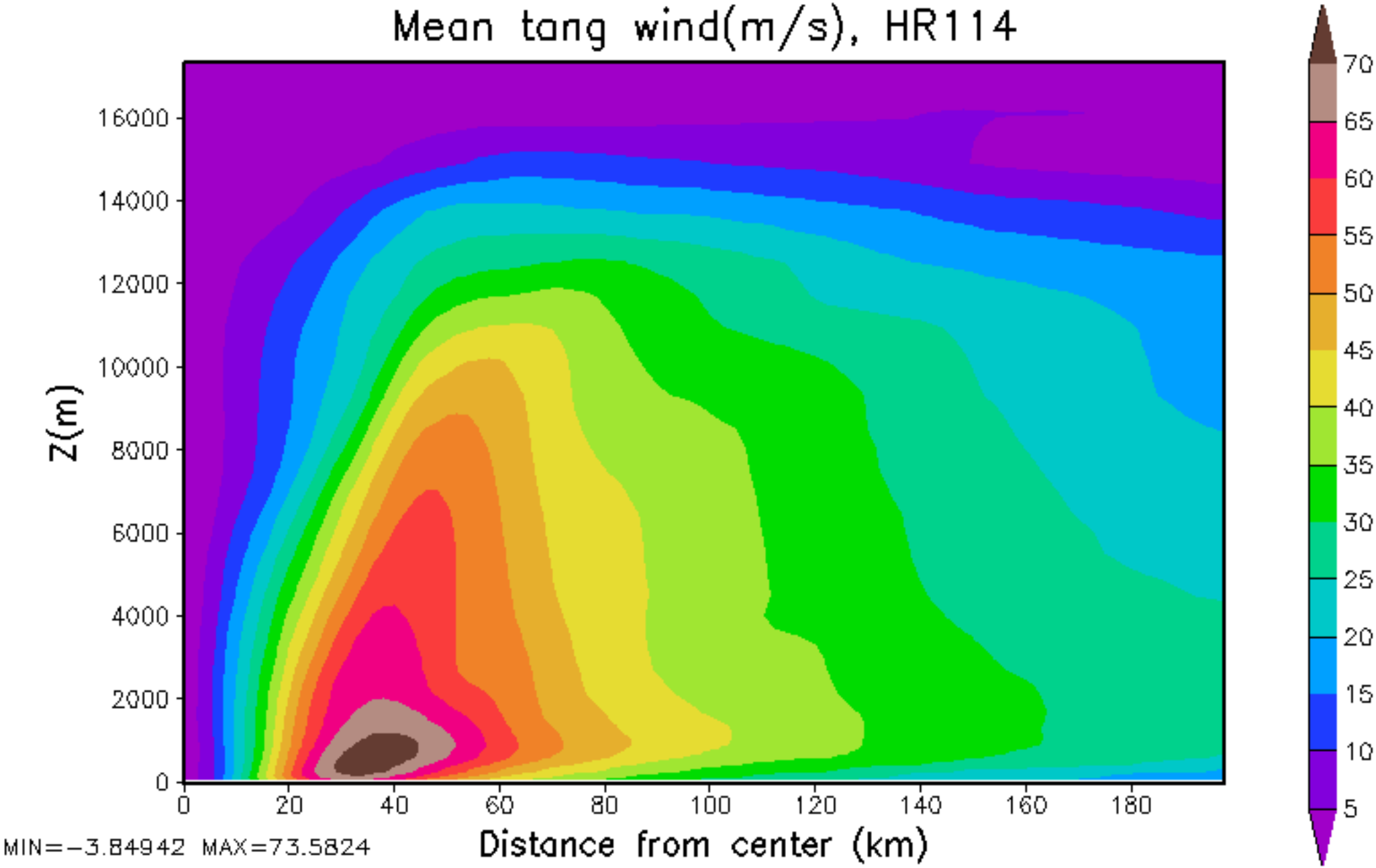

Mean tang wind(m/s), HR084
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-3.30721 MAX=74.2999
70
65
60
55
50
45
40
35
30
25
20
15
10
5

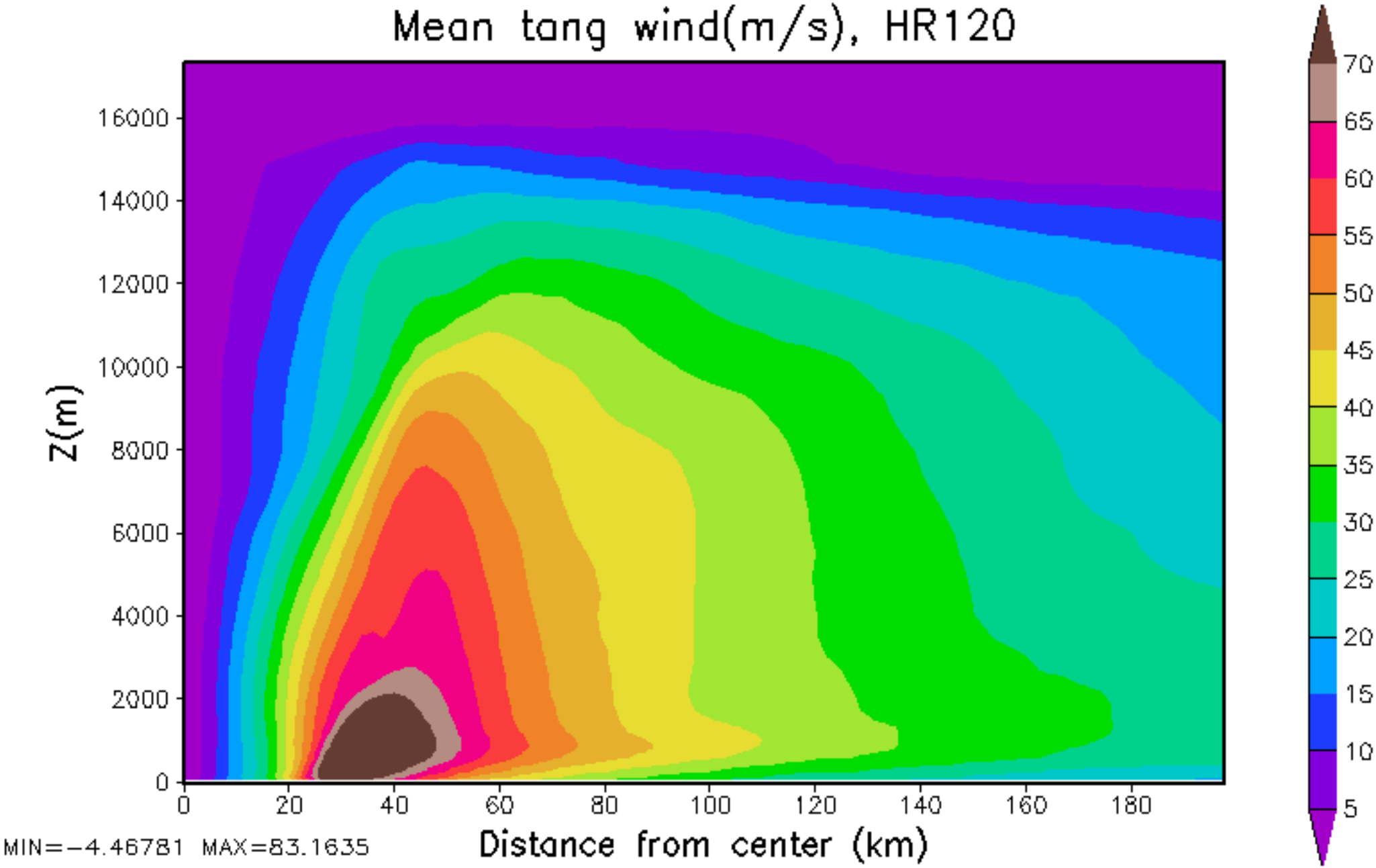

Mean tang wind(m/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-3.52468 MAX=69.6907
70
65
60
55
50
45
40
35
30
25
20
15
10
5

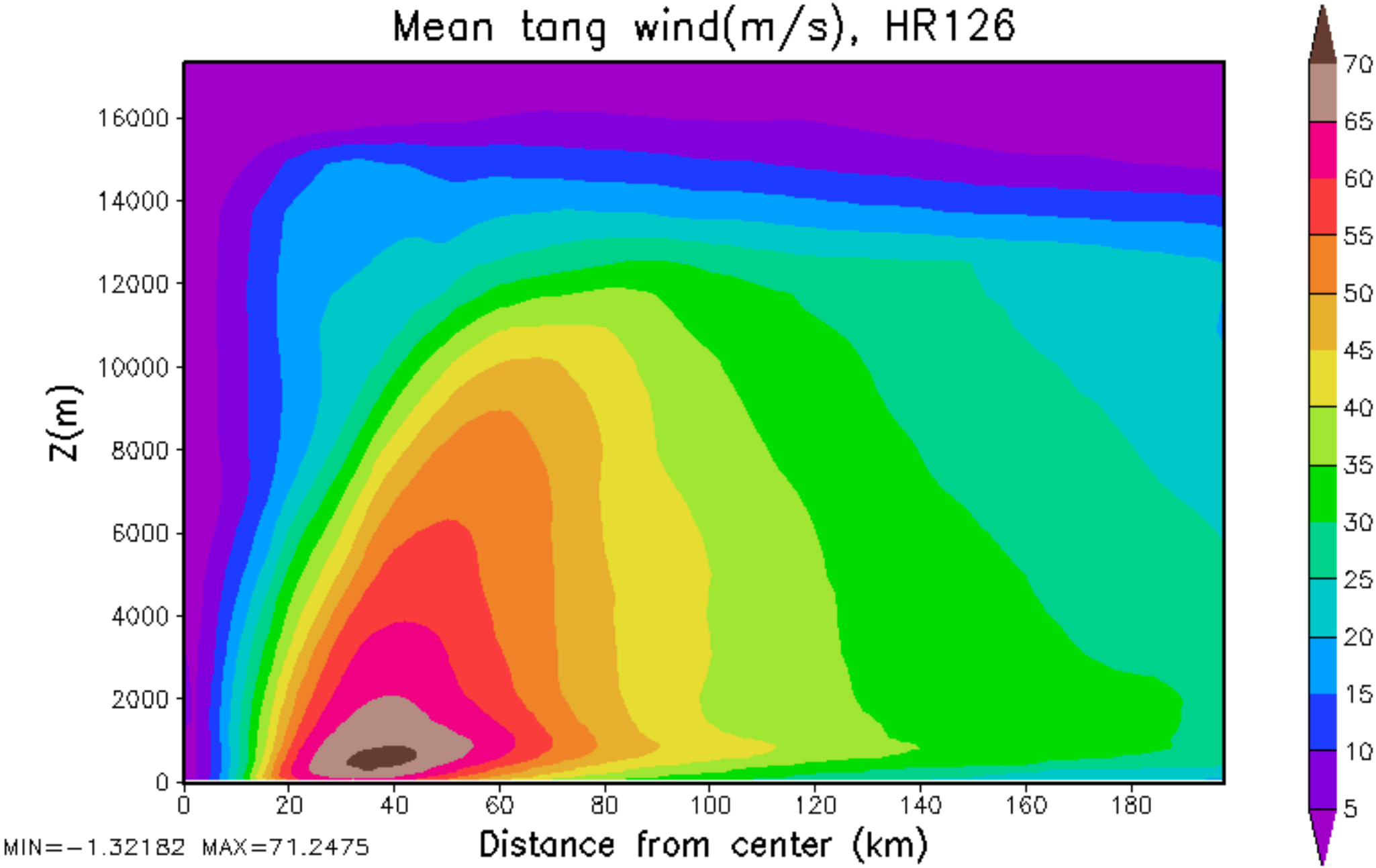

Mean tang wind(m/s), HR096
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-1.50477 MAX=72.8523
70
65
60
55
50
45
40
35
30
25
20
15
10
5

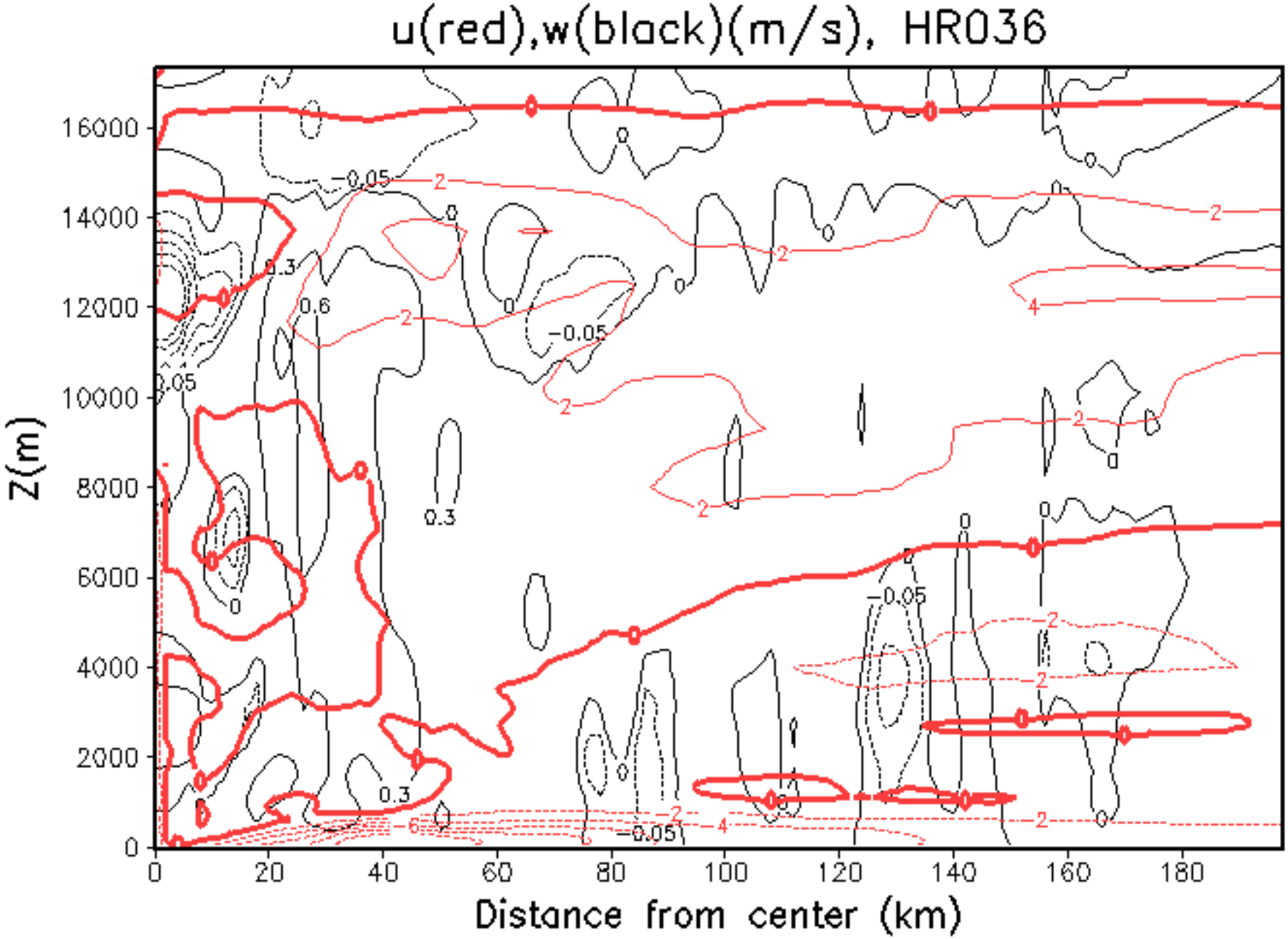

Mean tang wind(m/s), HR102
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-2.29994 MAX=66.8724
70
65
60
55
50
45
40
35
30
25
20
15
10
5

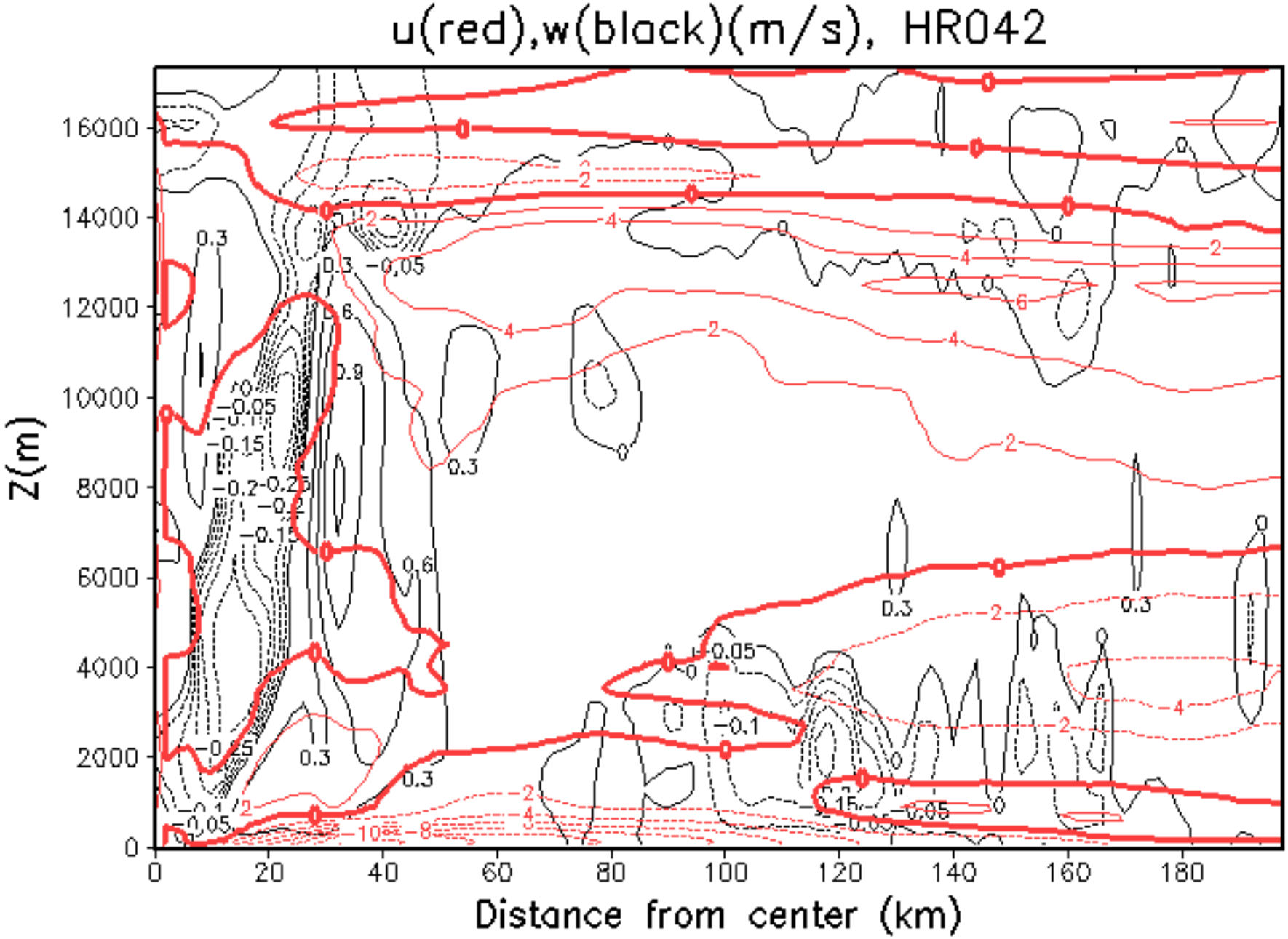

Mean tang wind(m/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-5.75001 MAX=72.1627
70
65
60
55
50
45
40
35
30
25
20
15
10
5


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=-3.84942 MAX=73.5824
70
65
60
55
50
45
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=-4.46781 MAX=83.1635
70
65
60
55
50
45
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=-1.32182 MAX=71.2475
70
65
60
55
50
45
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
20
40
60
80
100
120
140
160
180
-0.05
0.3
0.6
0.05
2
4
6


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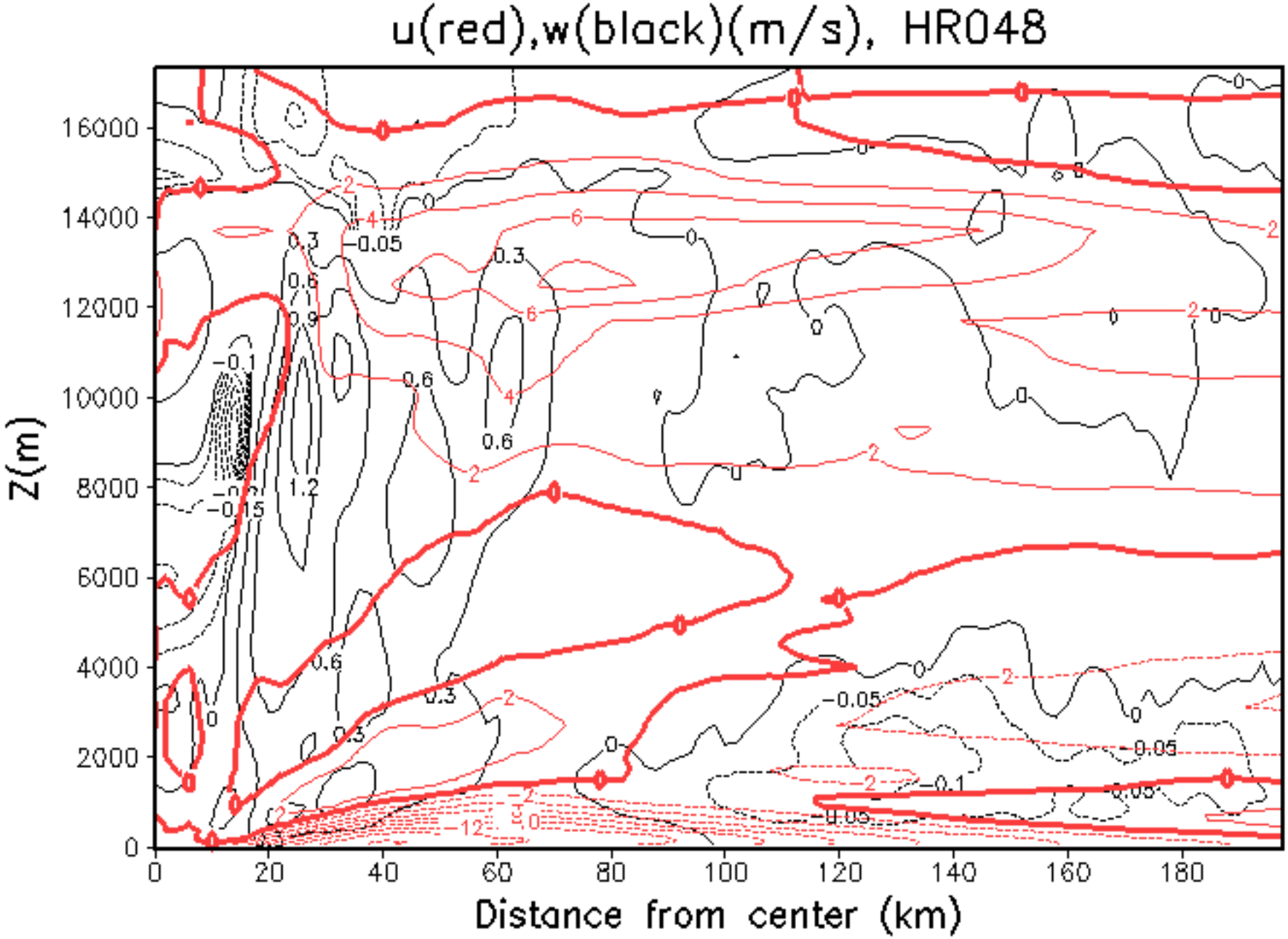
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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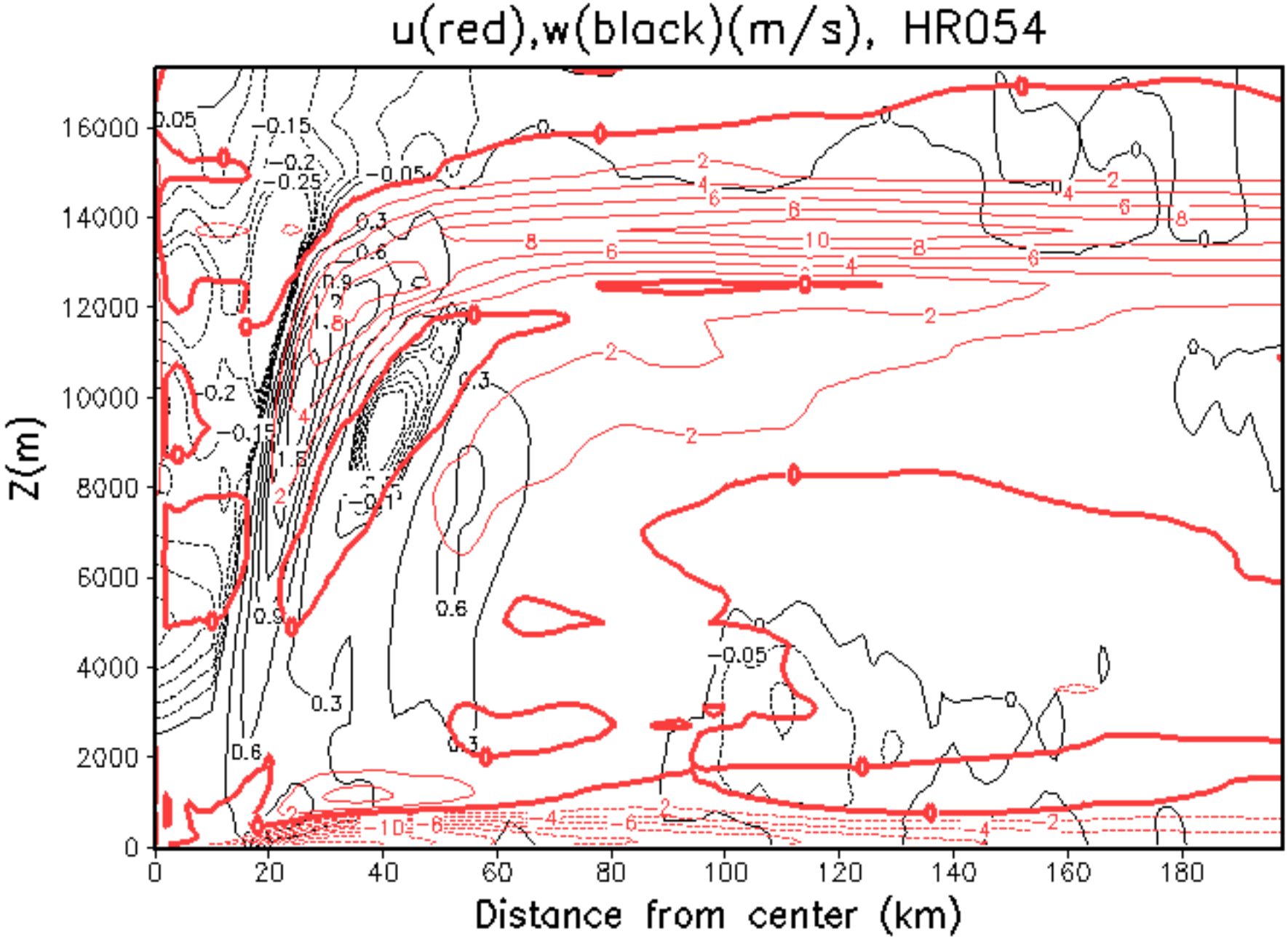
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR054
Z(m)
Distance from center (km)
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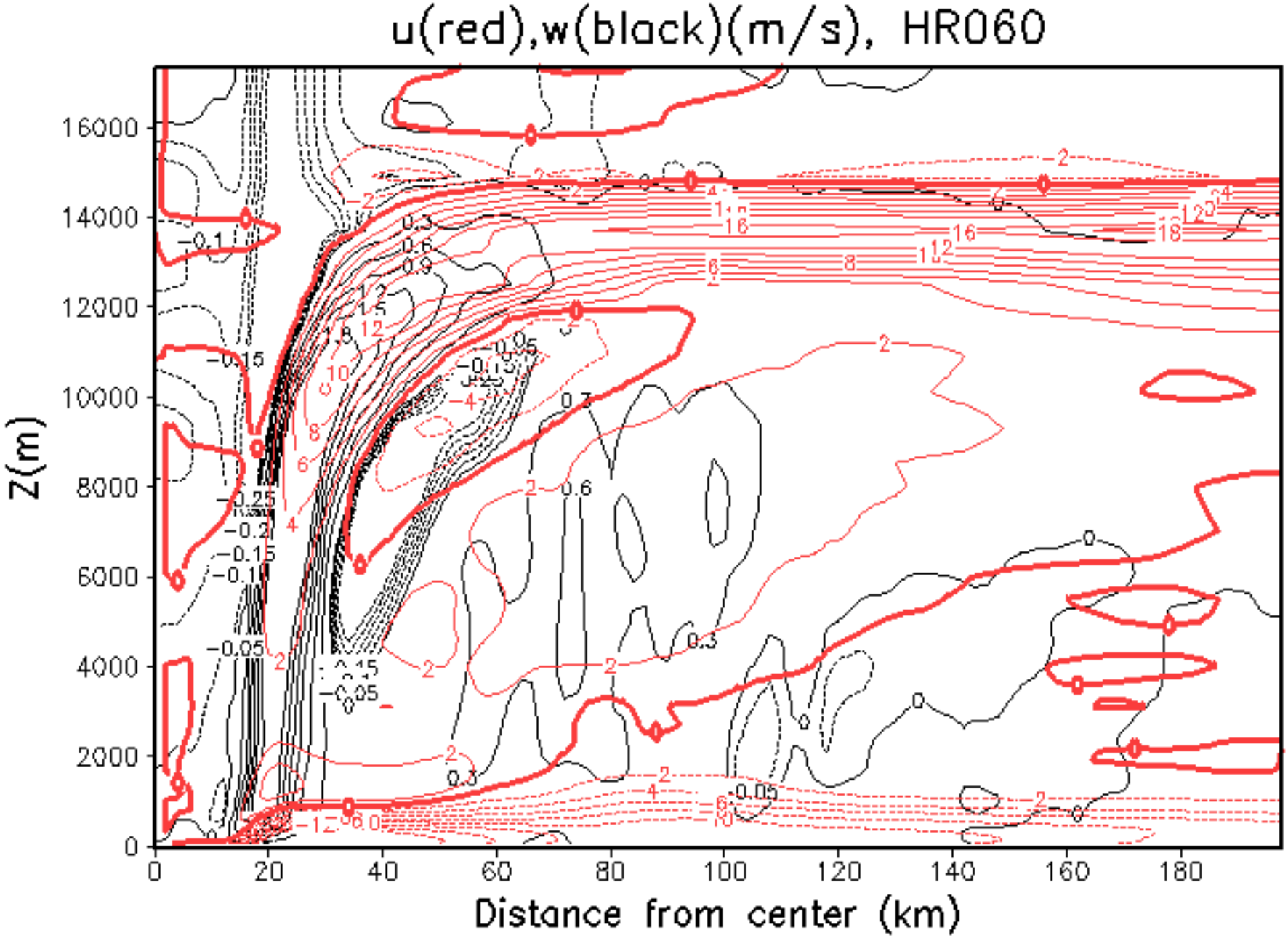
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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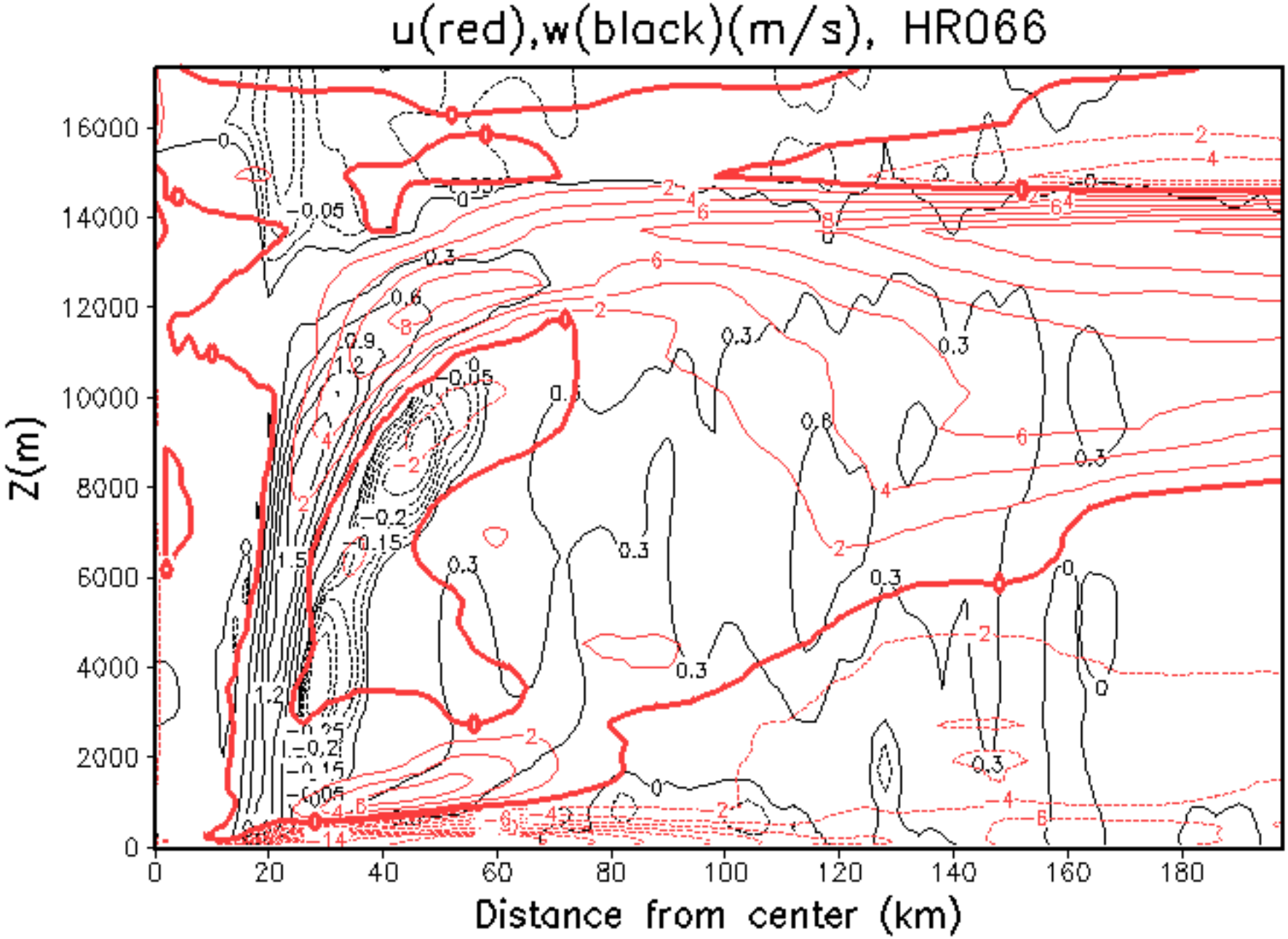
140
160
180


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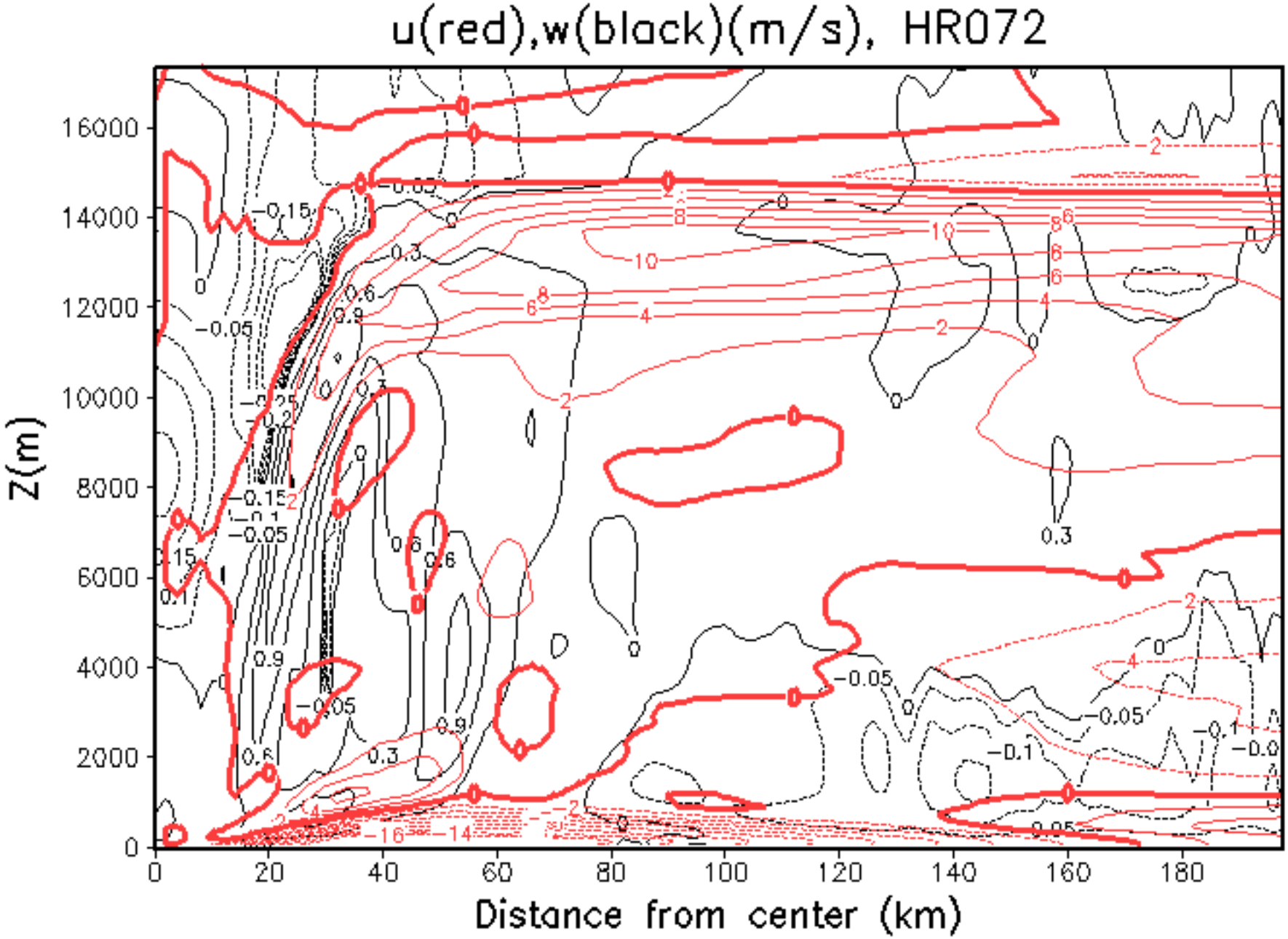
100
120
140
160
180


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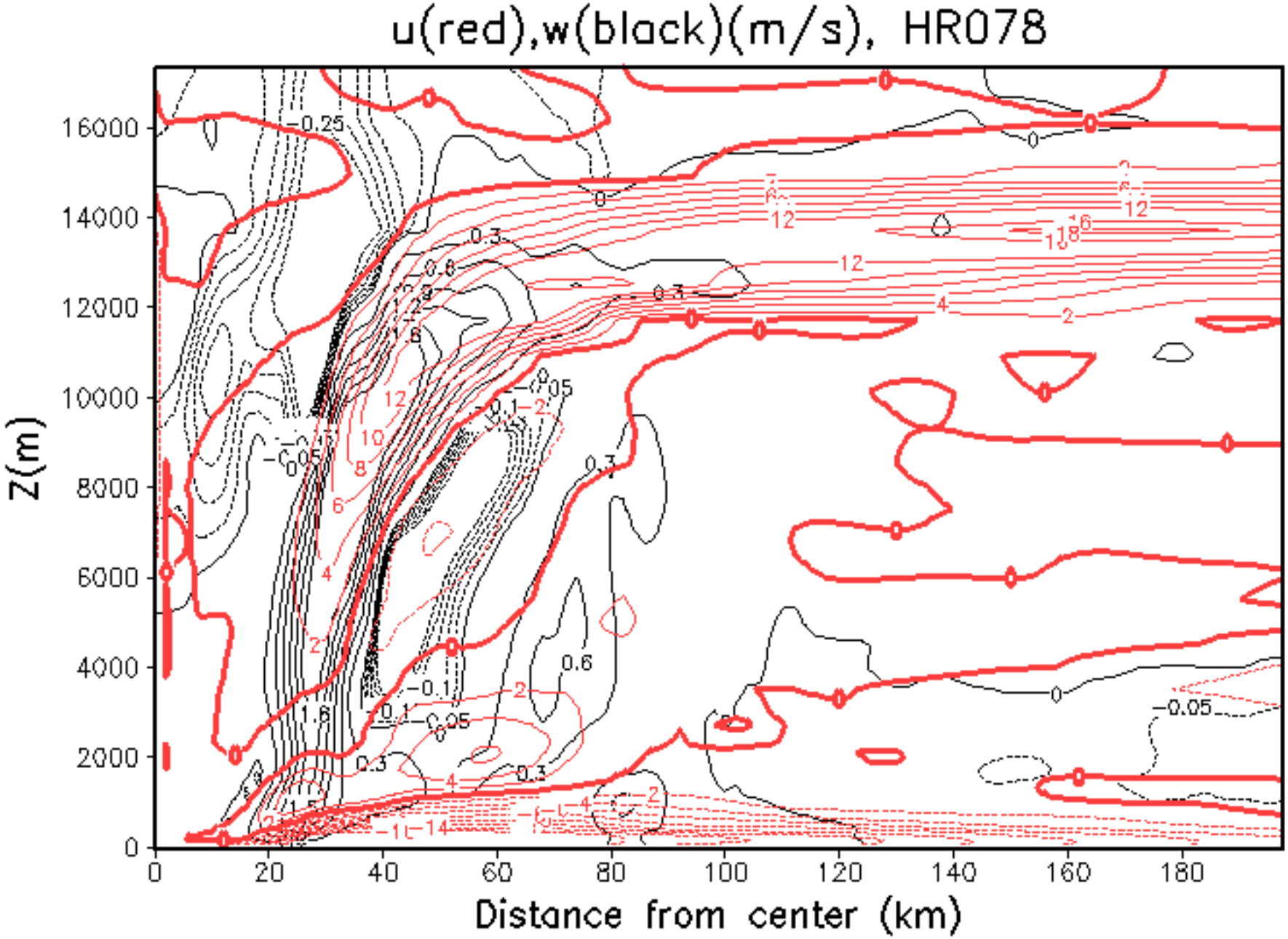
40
60
80
100
120
140
160
180


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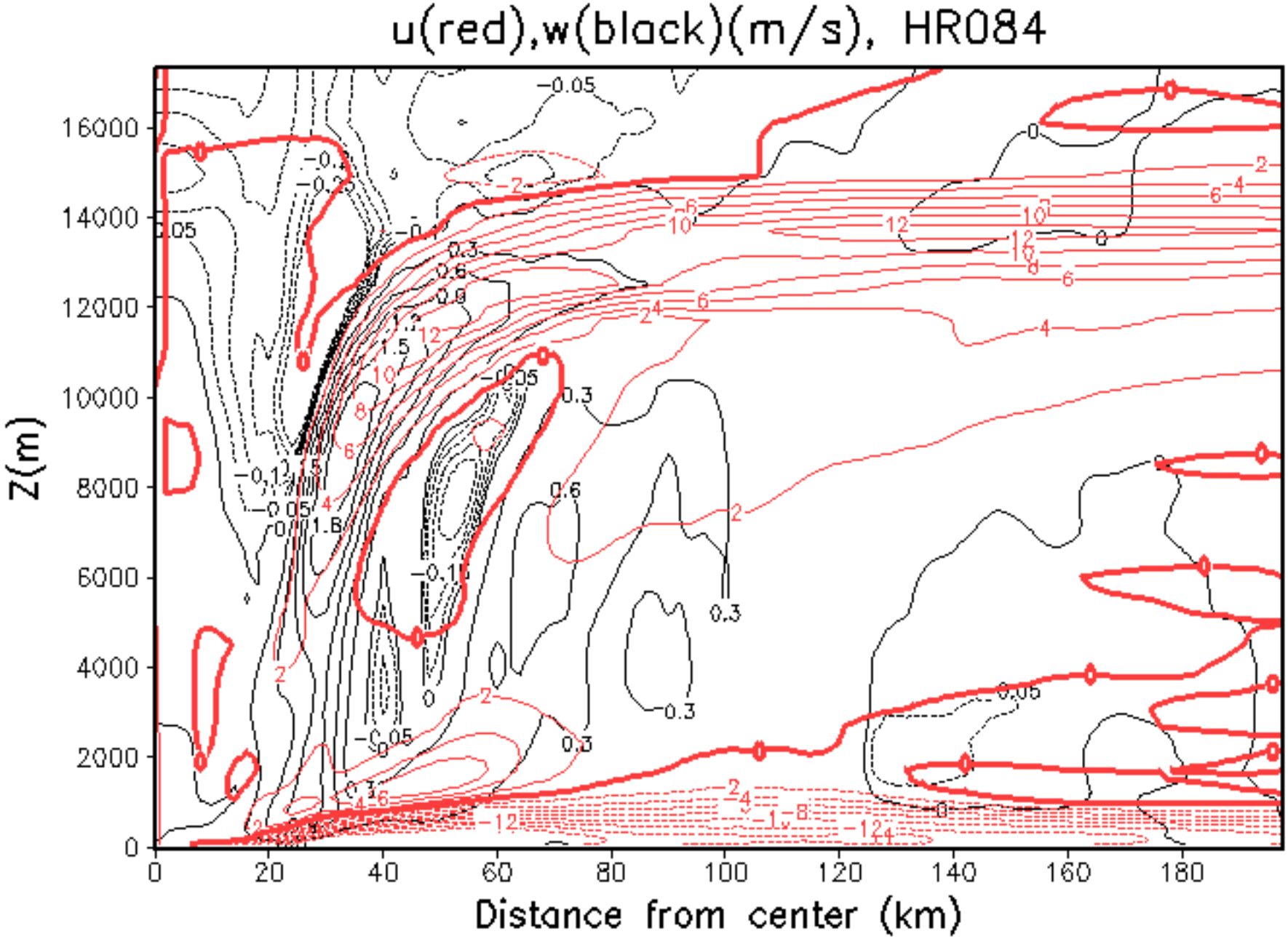
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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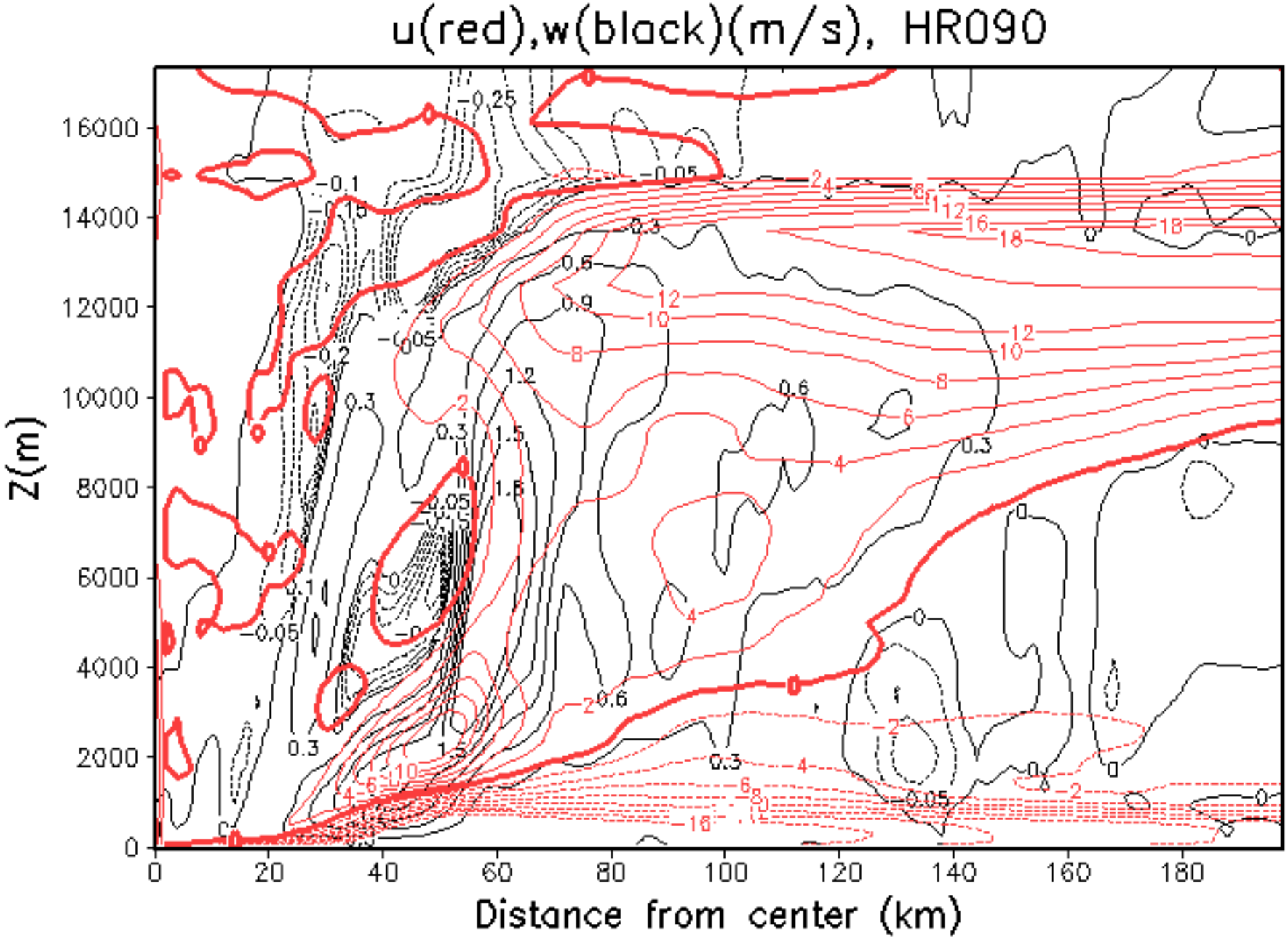
40
60
80
100
120
140
160
180


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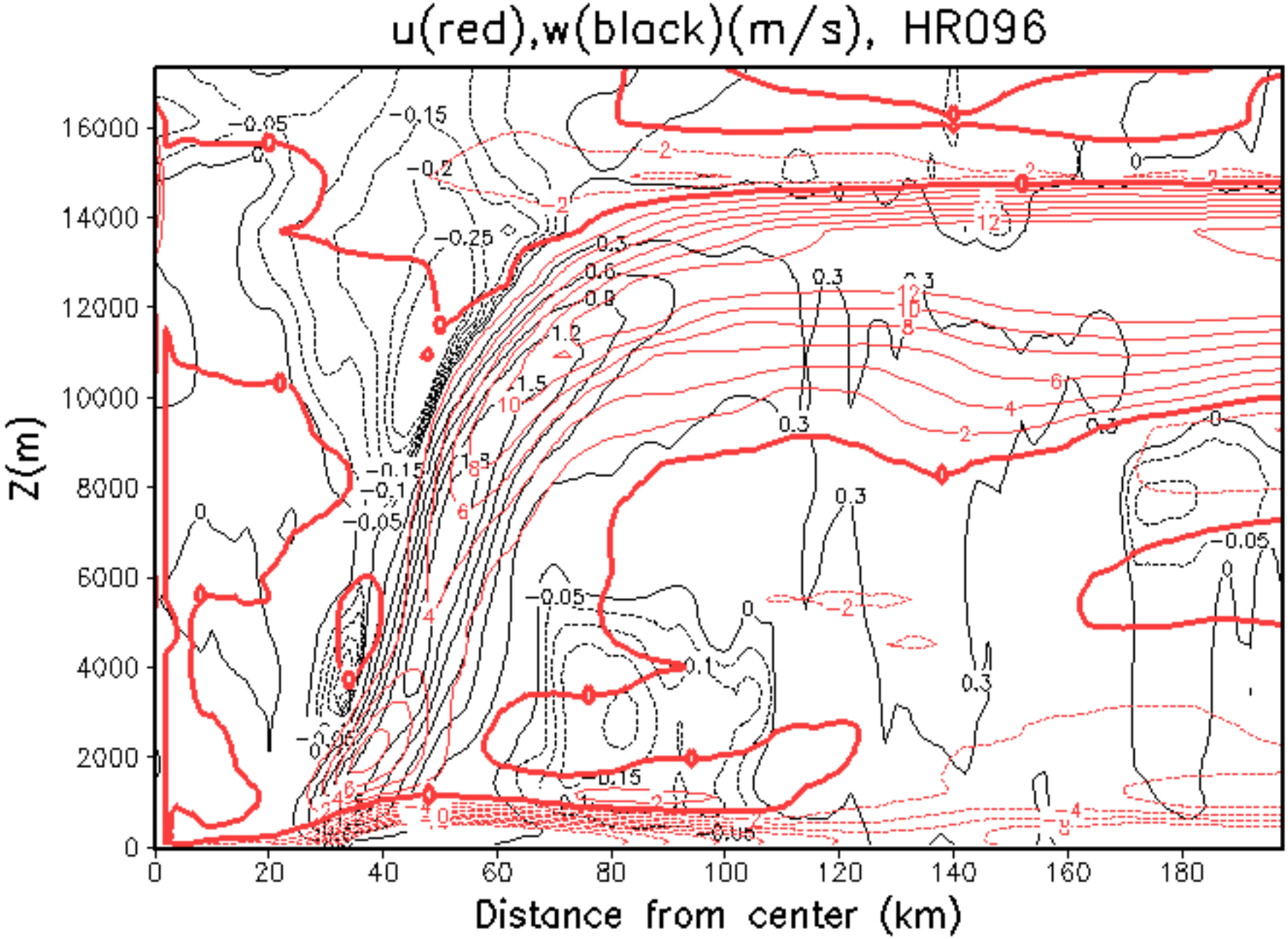
120
140
160
180


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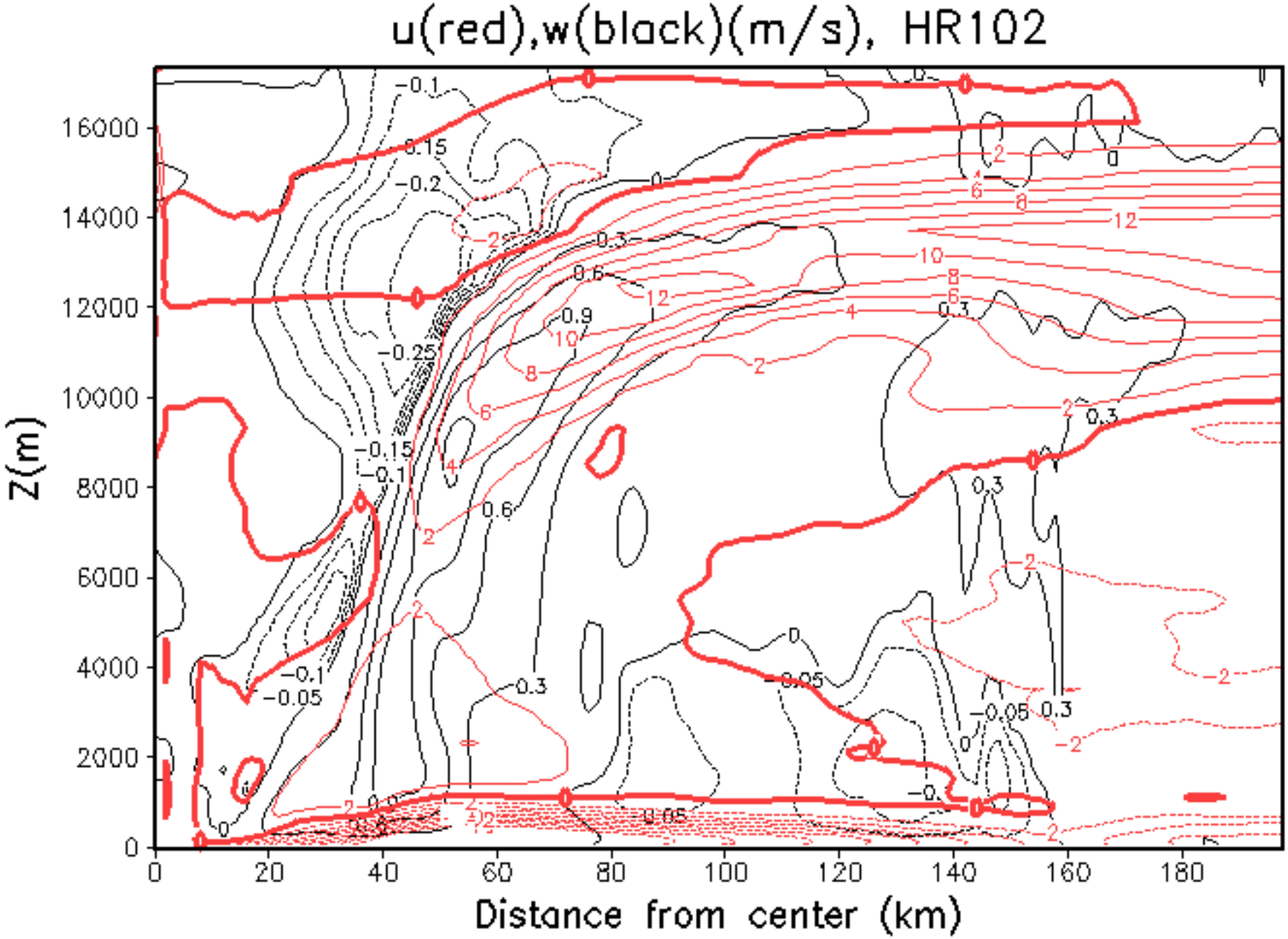
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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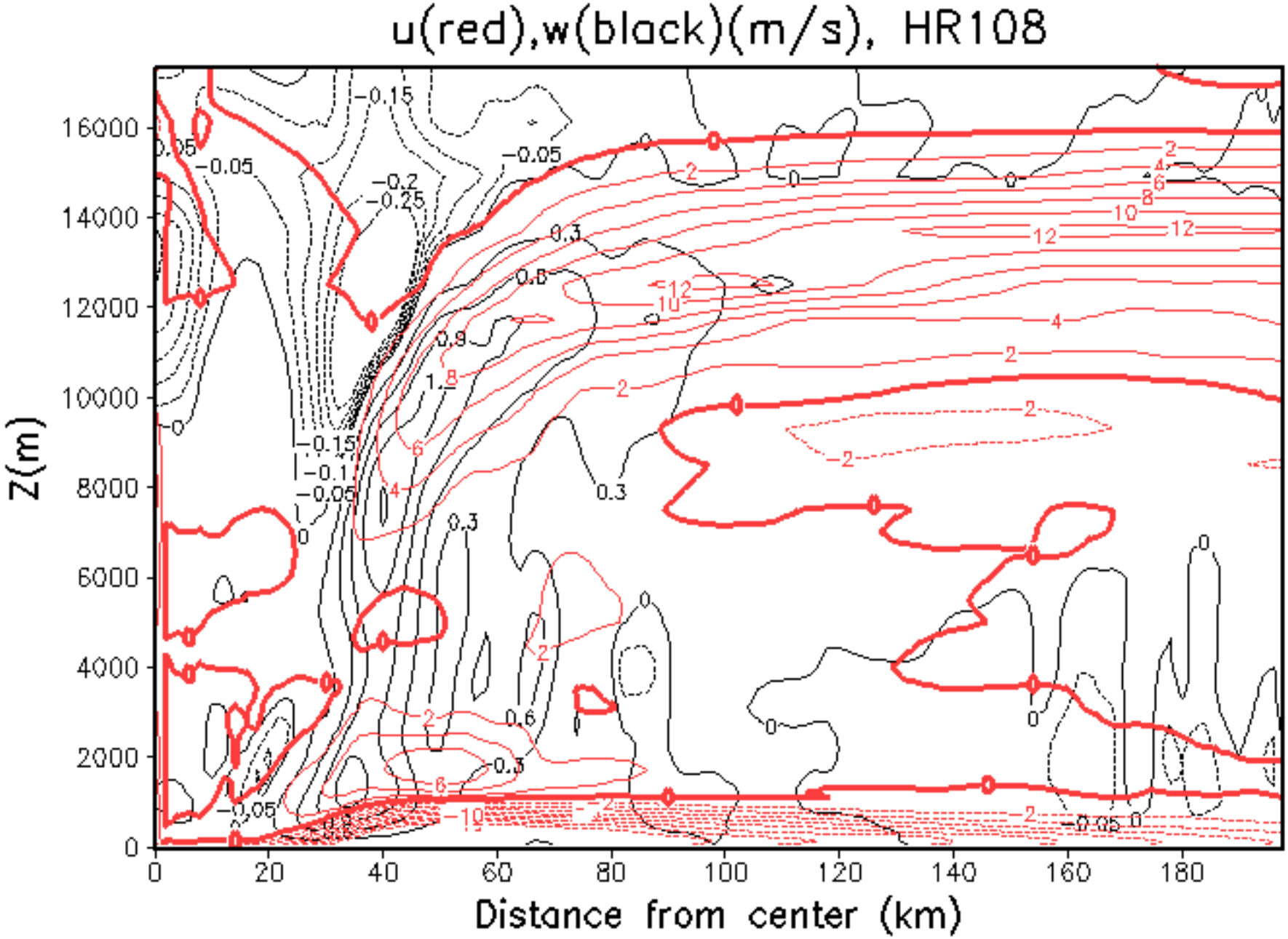
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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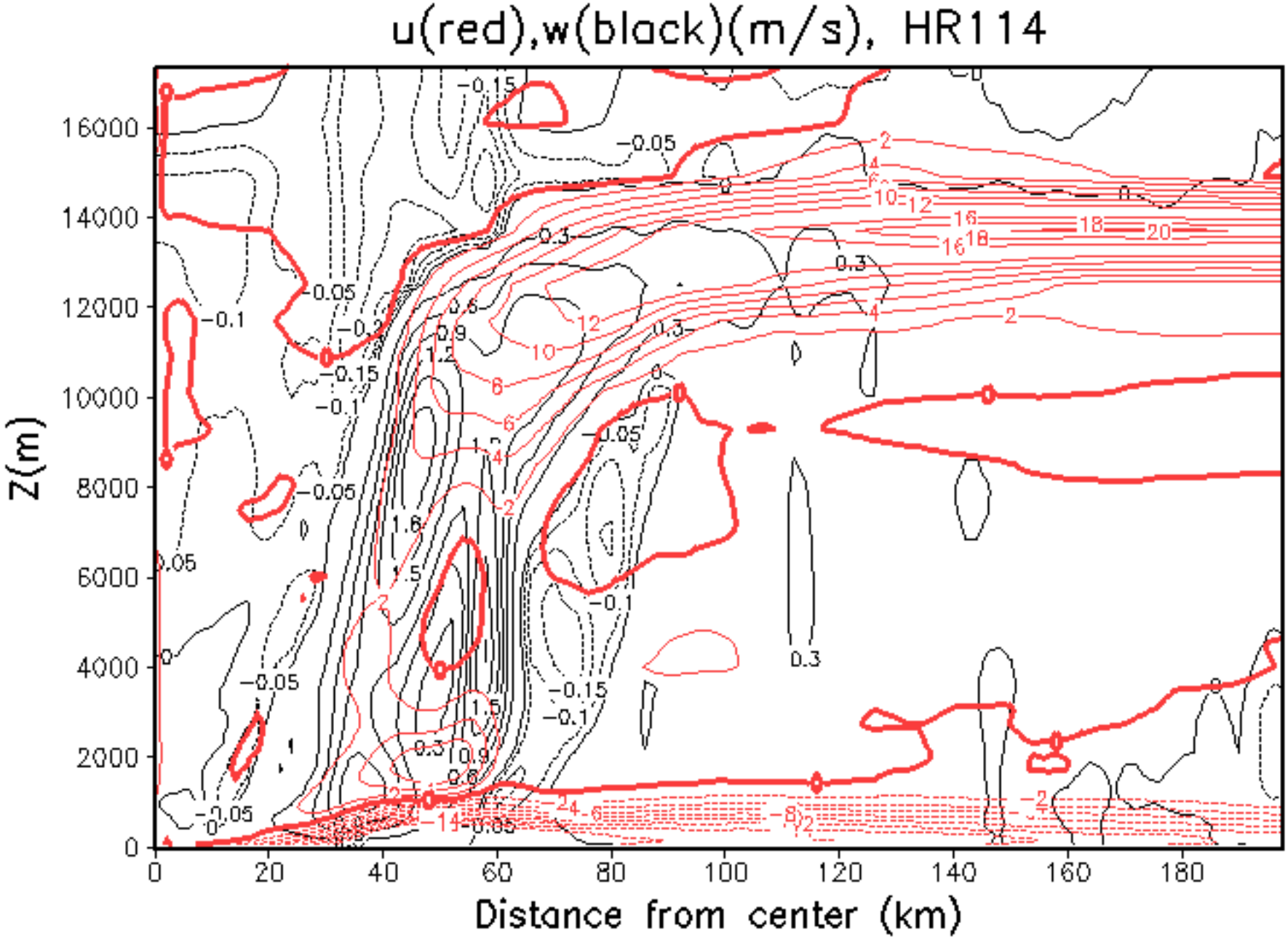
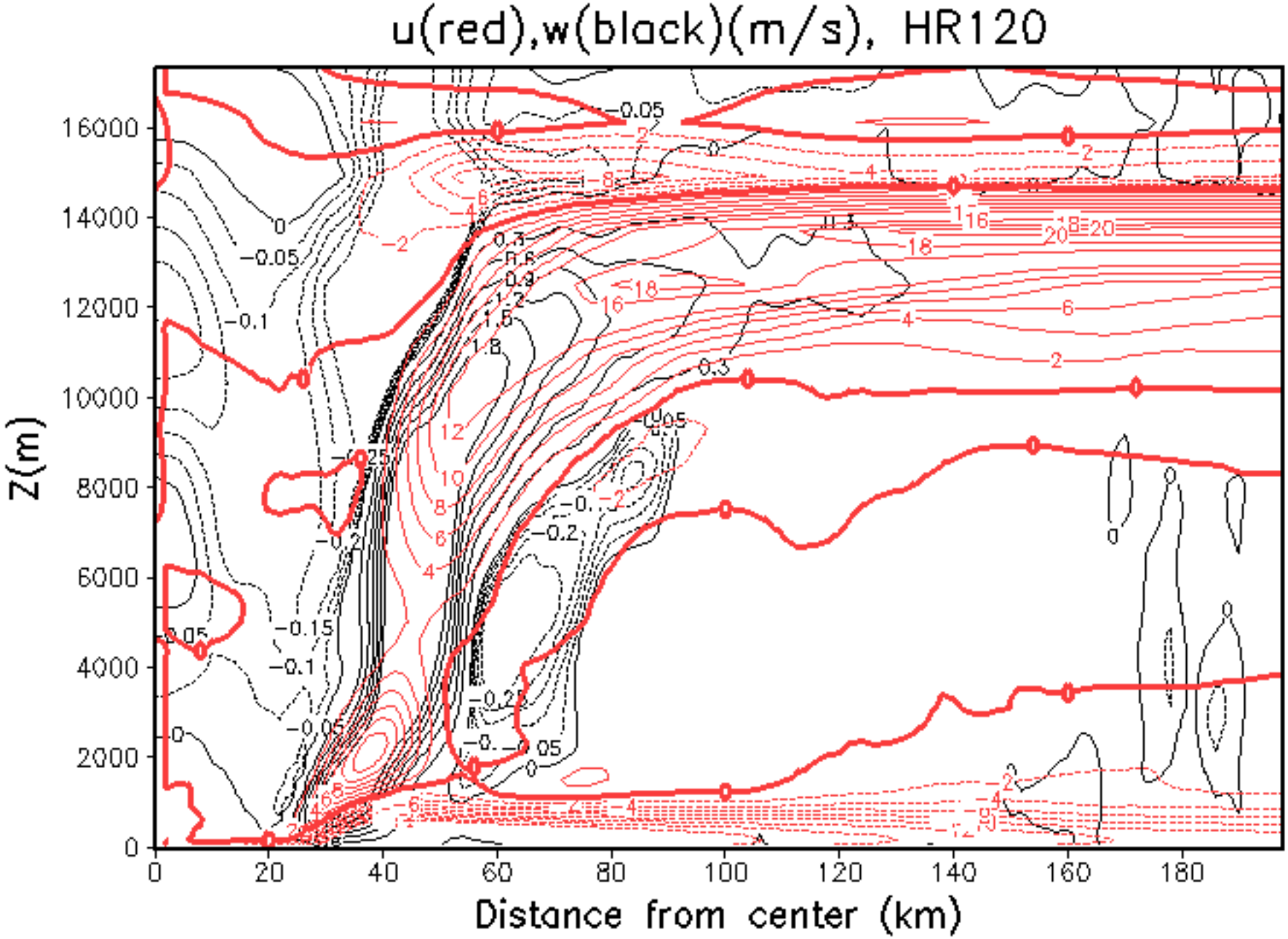
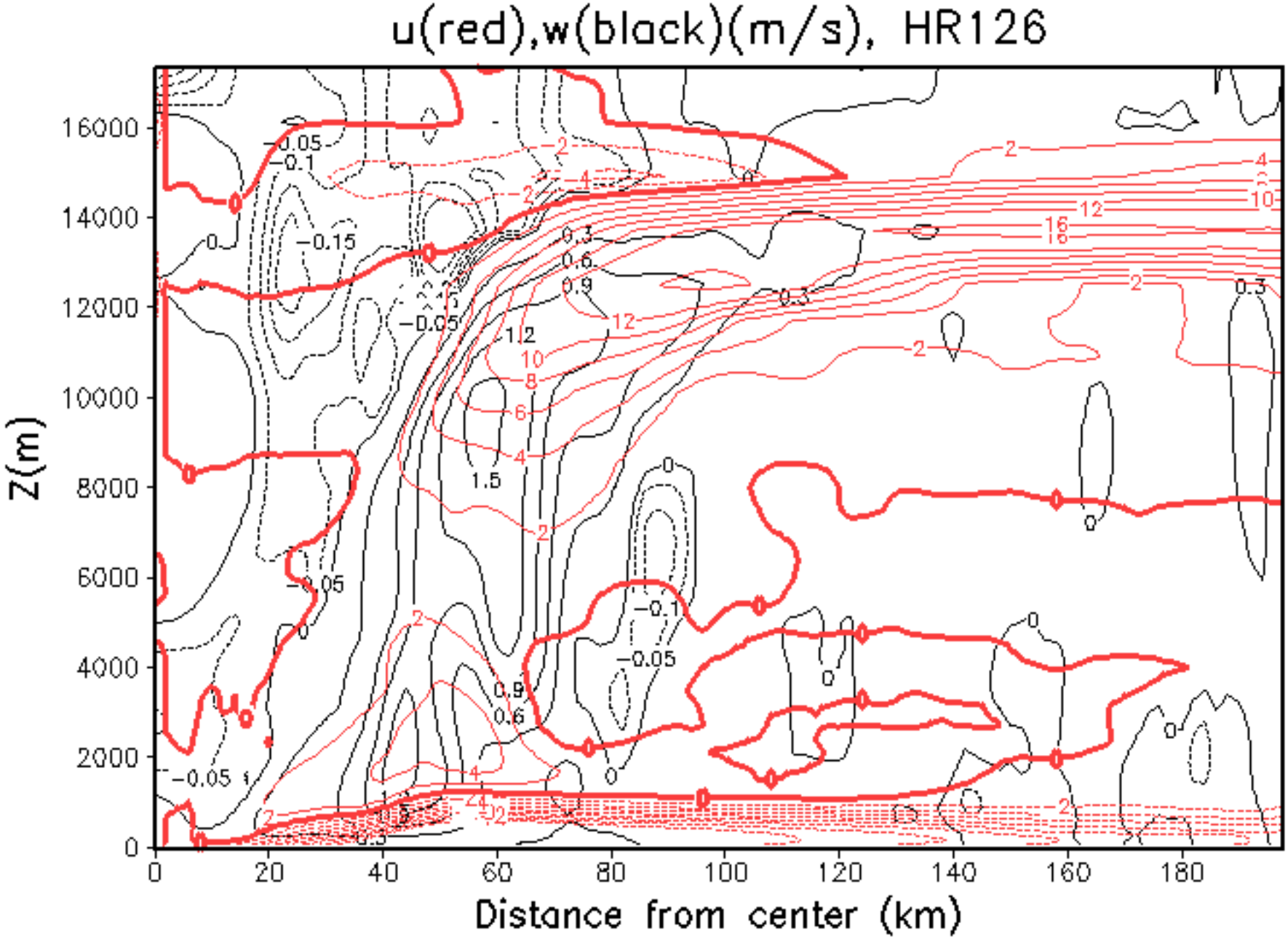
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR114
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), HR120
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), HR126
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