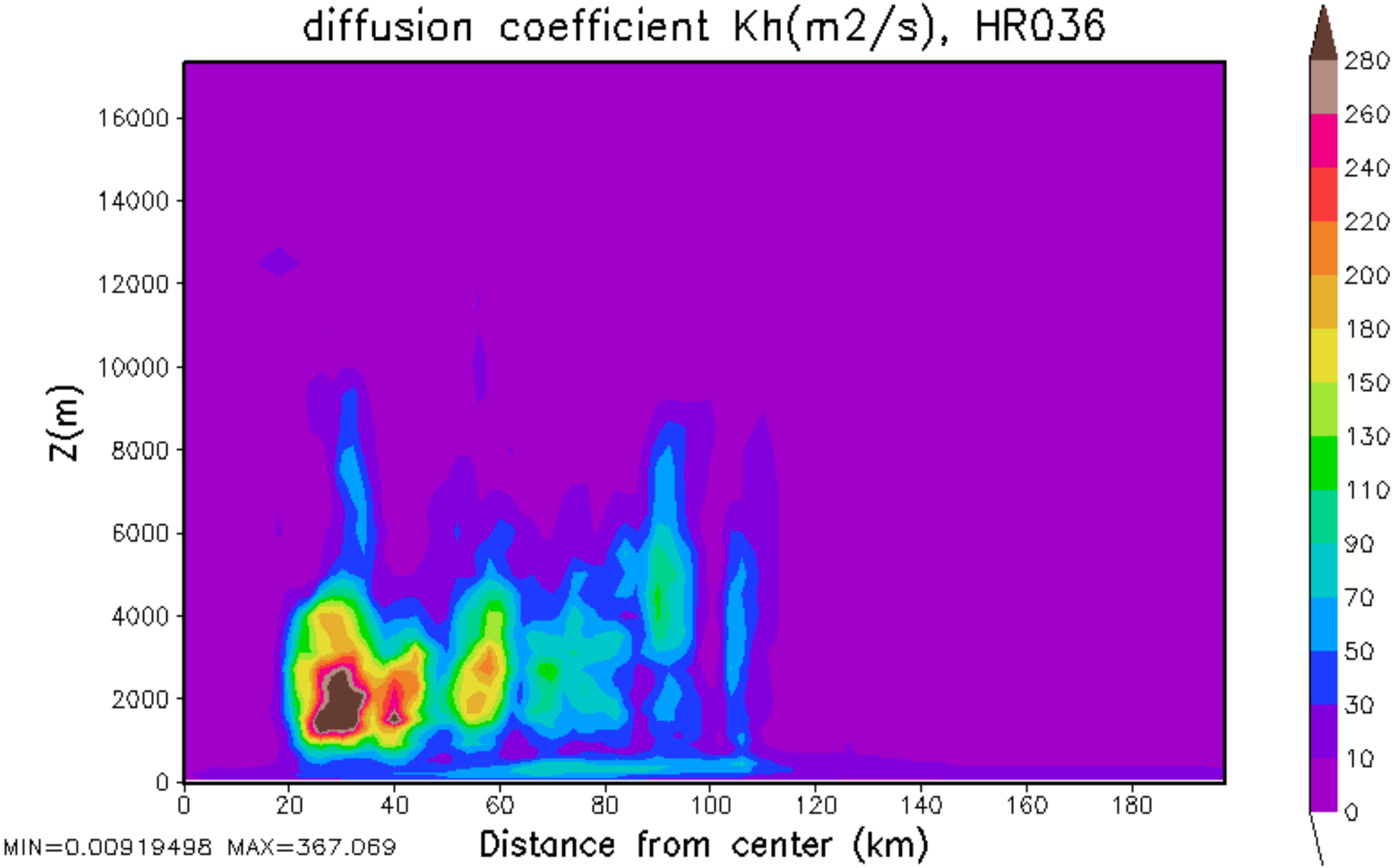
diffusion coefficient Kh(m2/s), HR036
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919498 MAX=367.069
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260
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220
200
180
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130
110
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50
30
10
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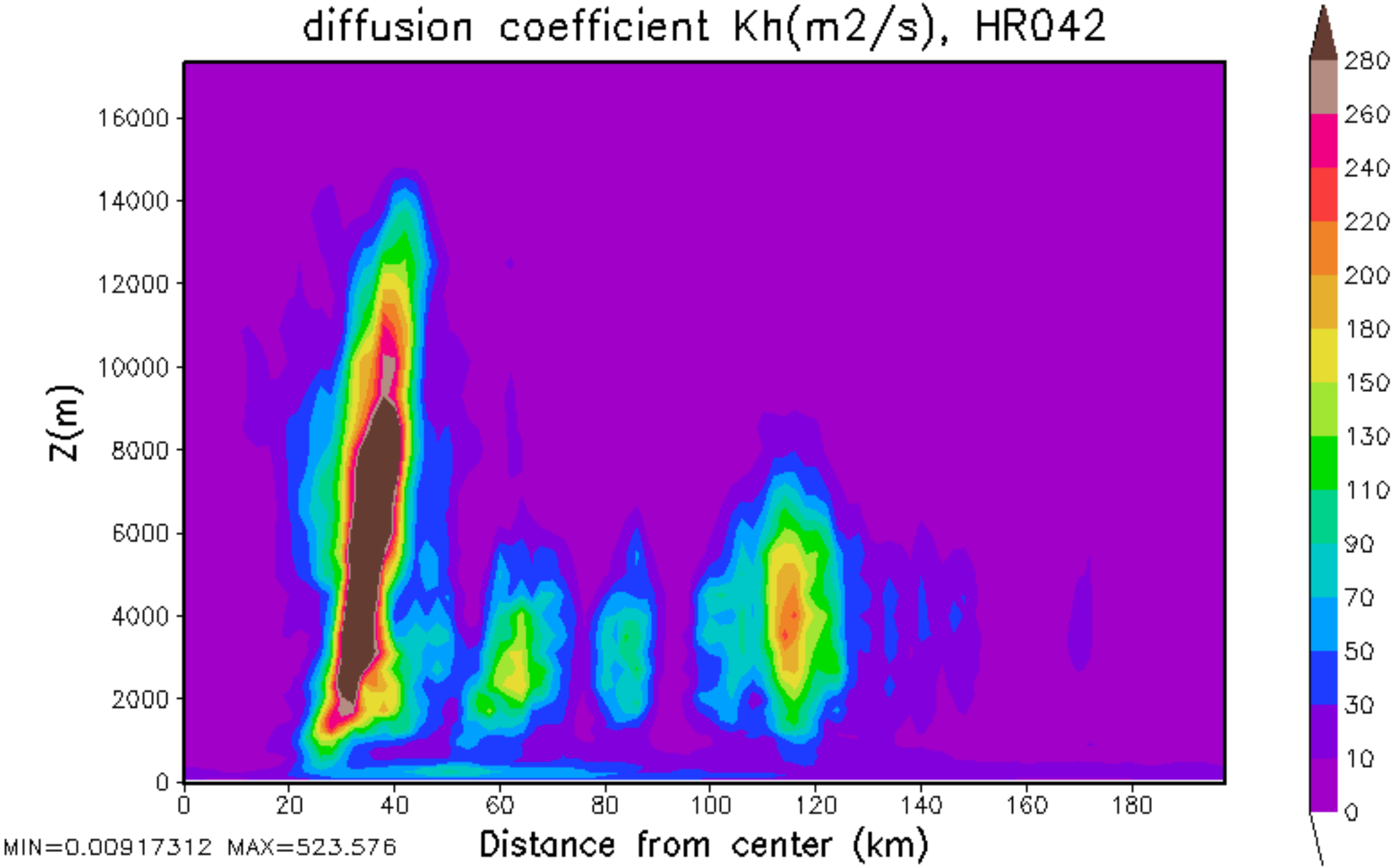
diffusion coefficient Kh(m2/s), HR042
Z(m)
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10000
8000
6000
4000
2000
0
0
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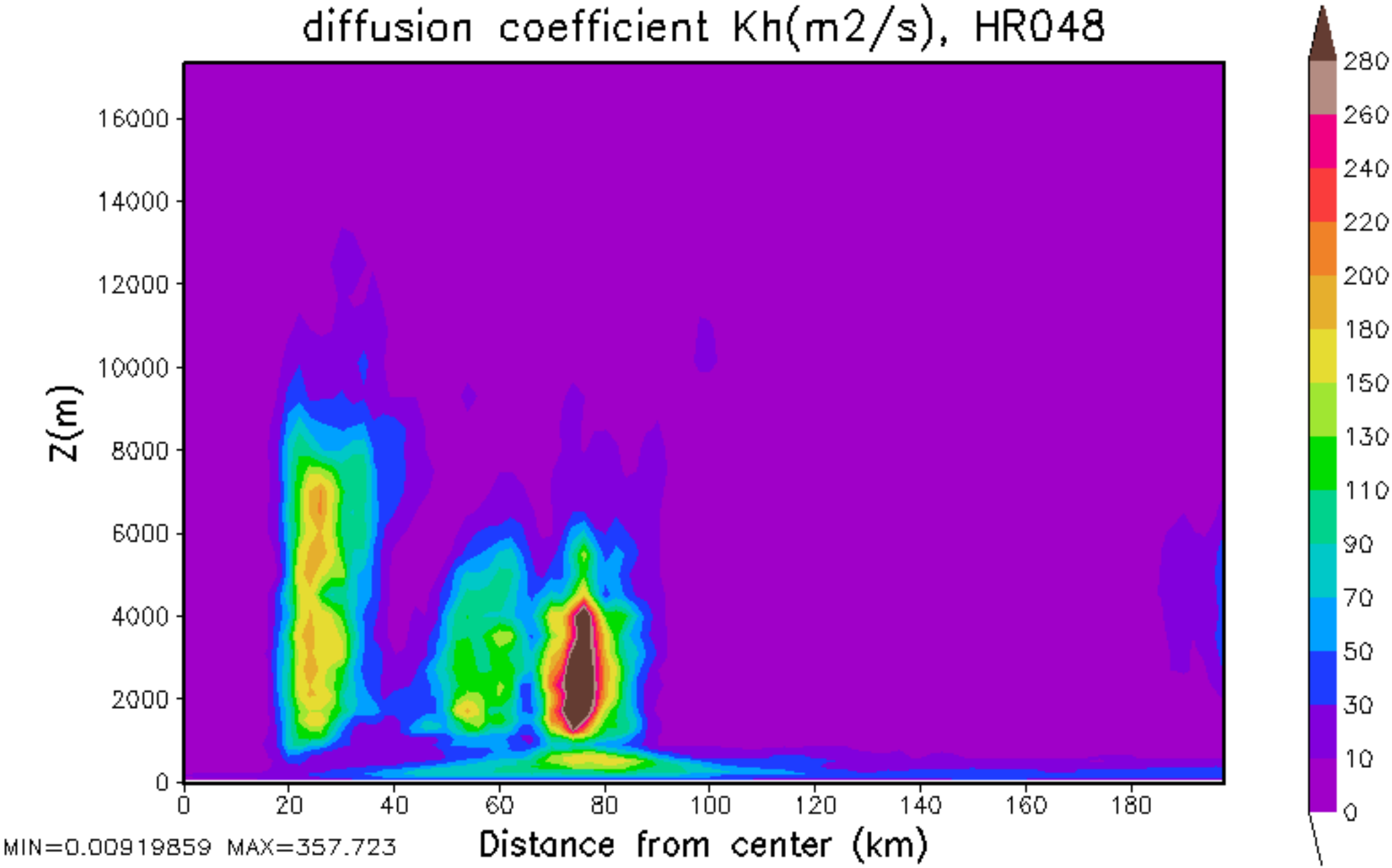
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917312 MAX=523.576
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh(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=0.00919859 MAX=357.723
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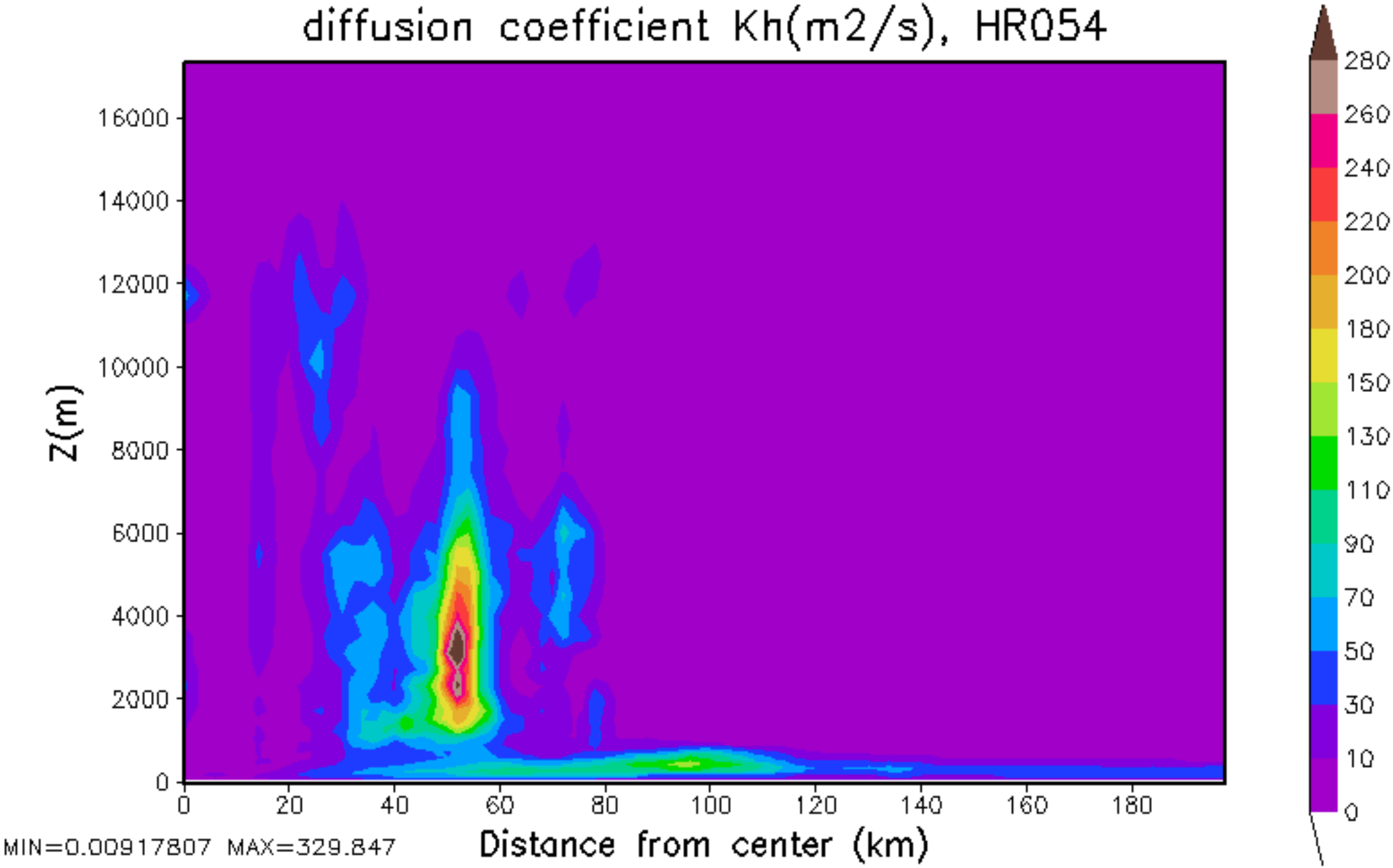
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh(m2/s), 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=0.00917807 MAX=329.847
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260
240
220
200
180
150
130
110
90
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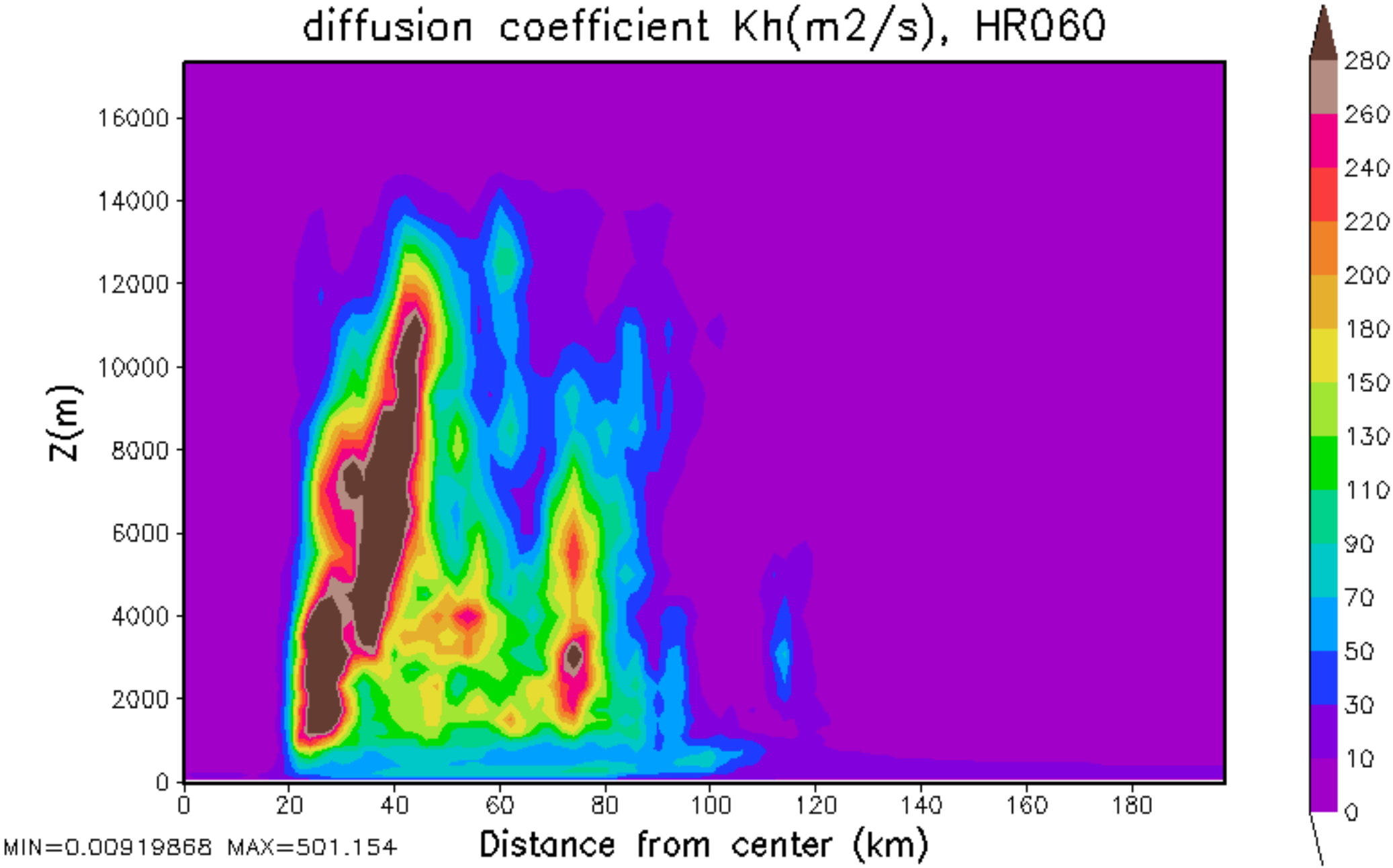
50
30
10
0


diffusion coefficient Kh(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=0.00919868 MAX=501.154
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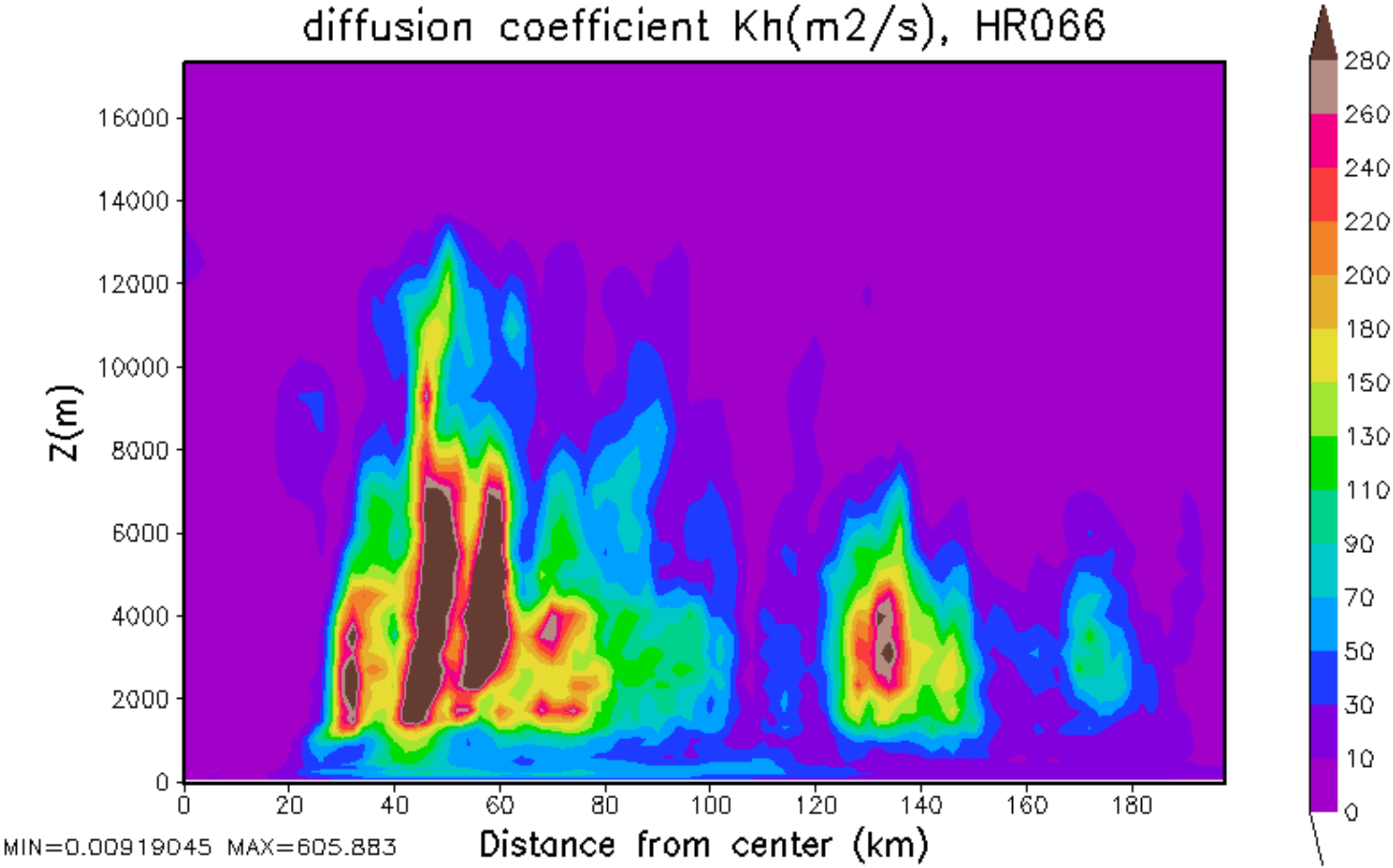
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh(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=0.00919045 MAX=605.883
280
260
240
220
200
180
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130
110
90
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50
30
10
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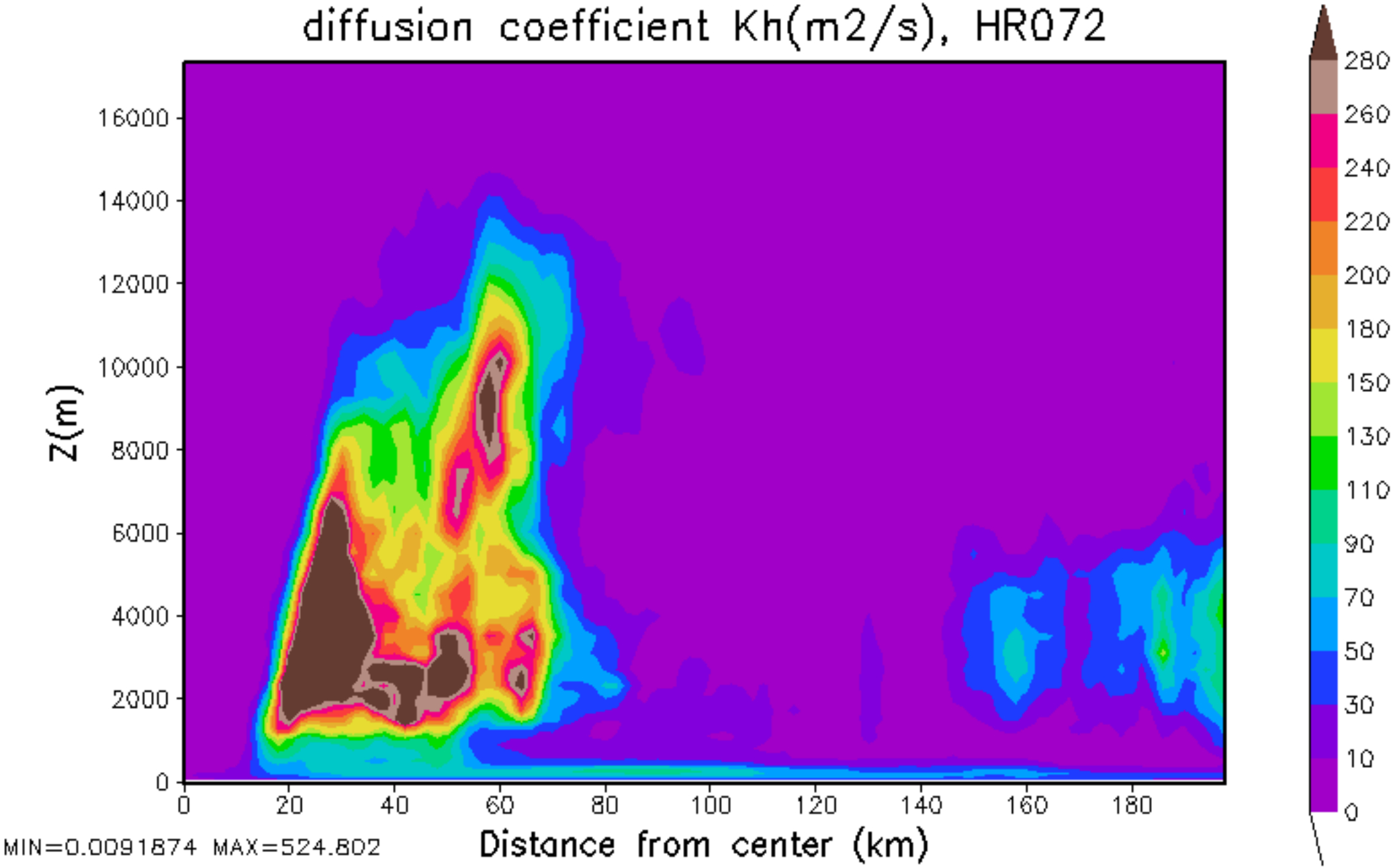
diffusion coefficient Kh(m2/s), HR072
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0091874 MAX=524.802
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260
240
220
200
180
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130
110
90
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50
30
10
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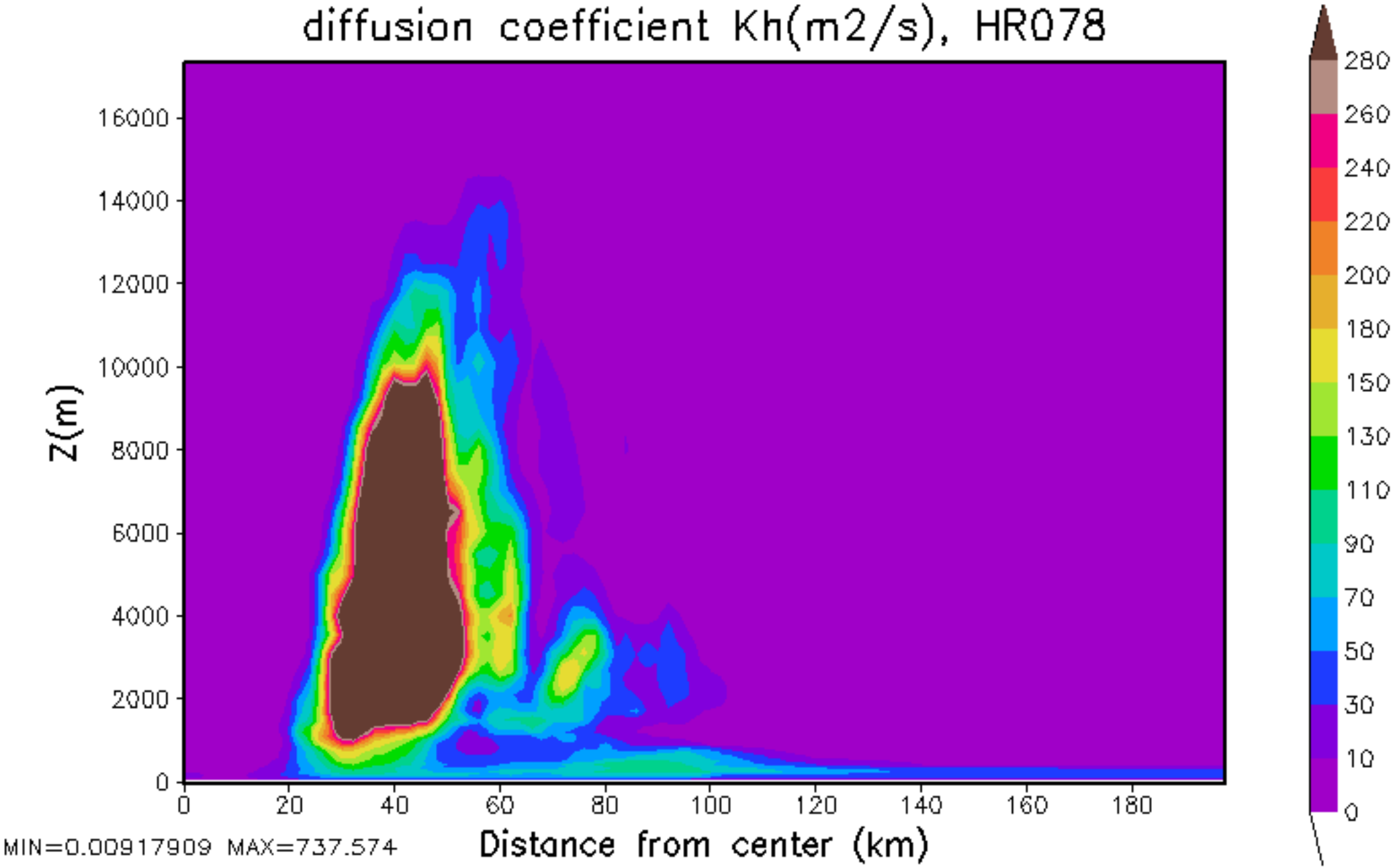
diffusion coefficient Kh(m2/s), HR078
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917909 MAX=737.574
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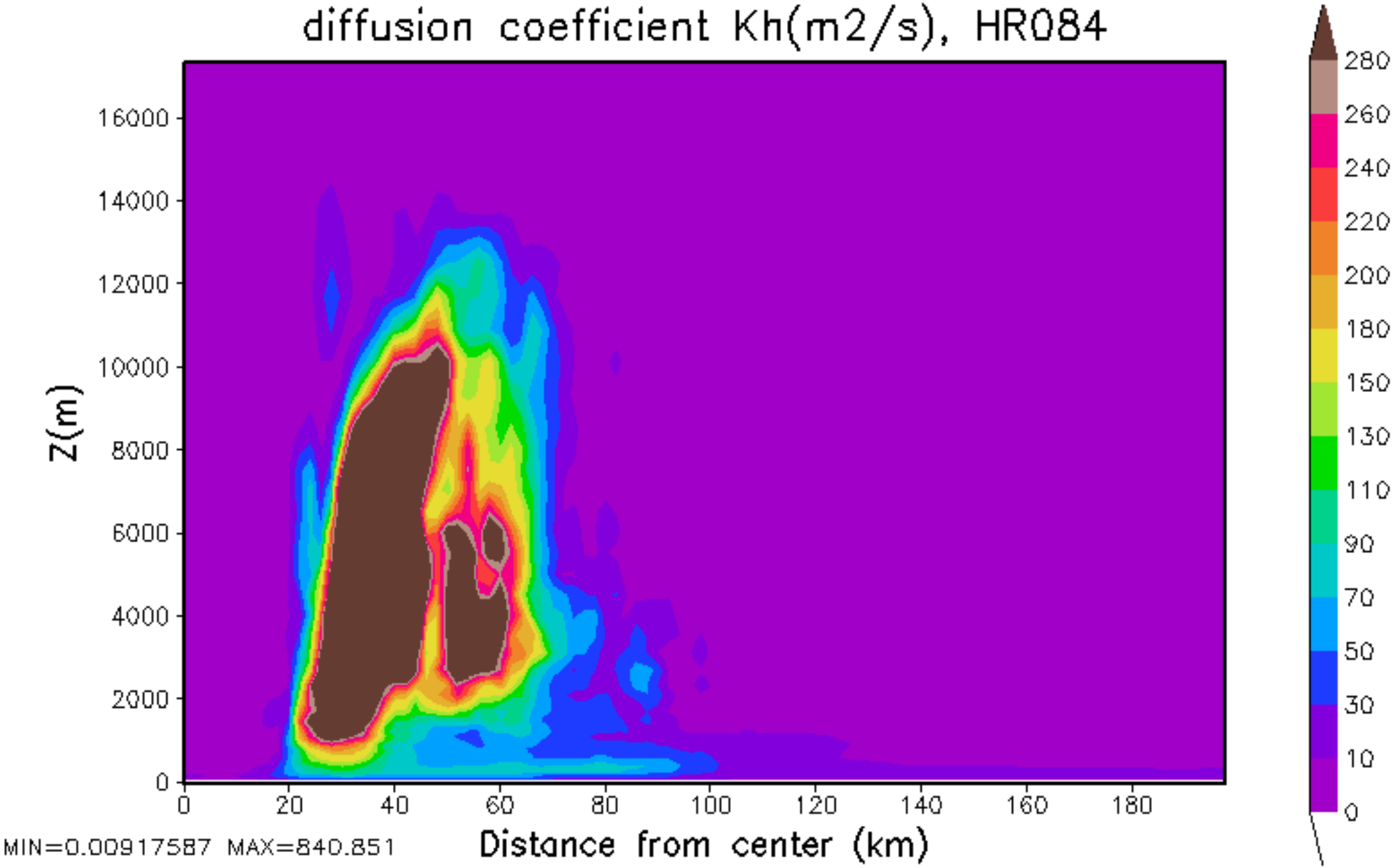
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh(m2/s), HR084
Z(m)
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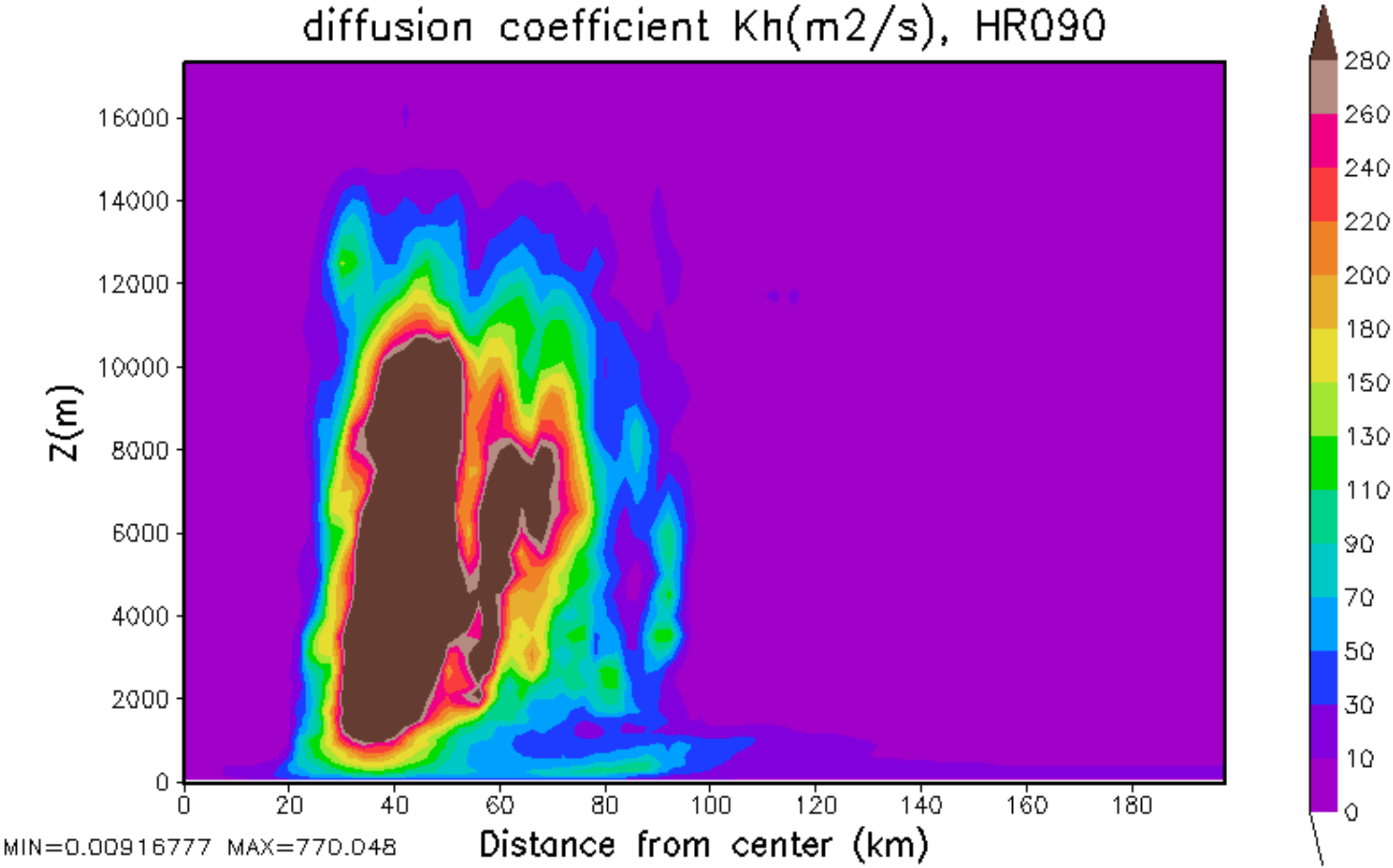
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917587 MAX=840.851
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh(m2/s), HR090
Z(m)
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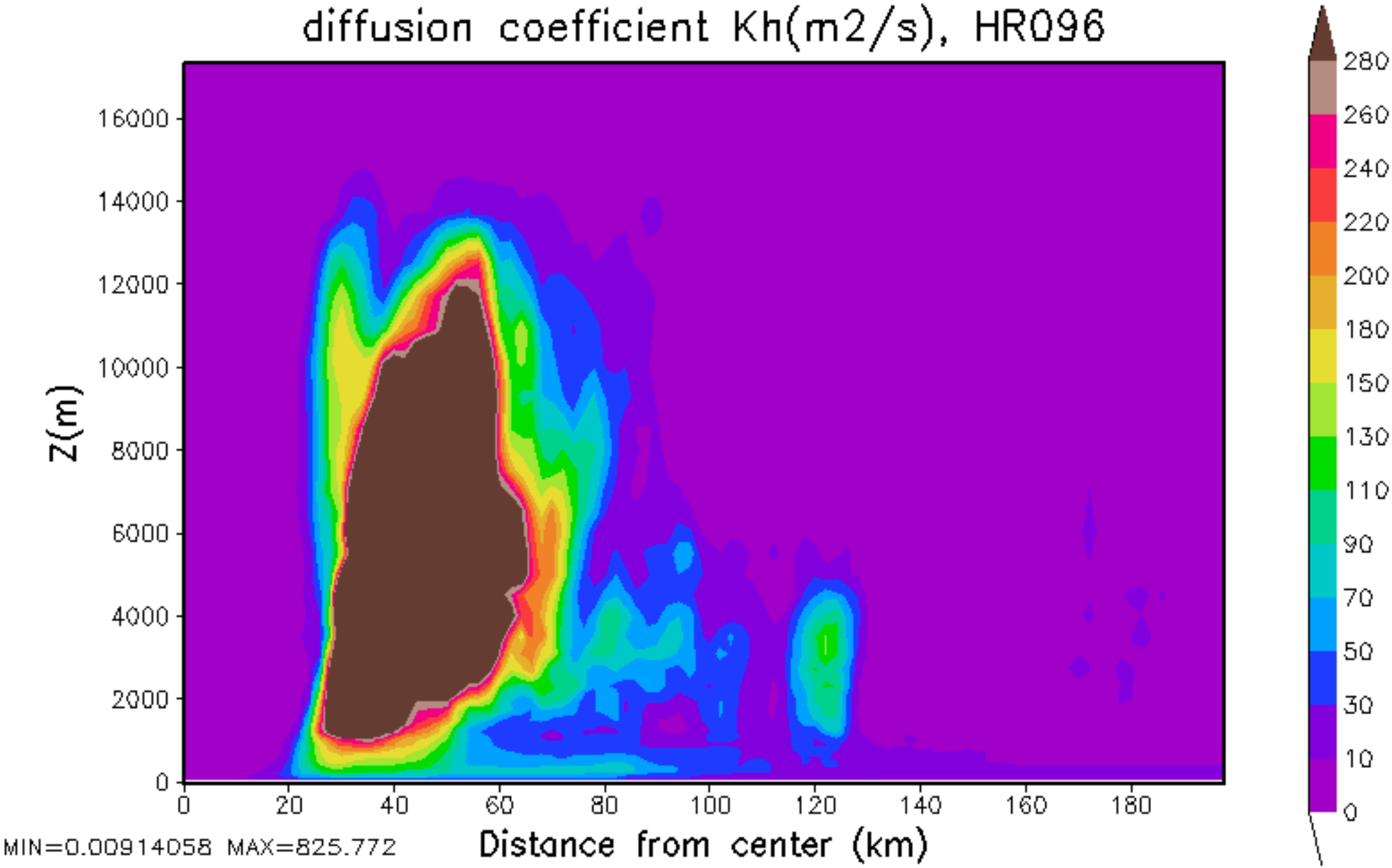
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00916777 MAX=770.048
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh(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=0.00914058 MAX=825.772
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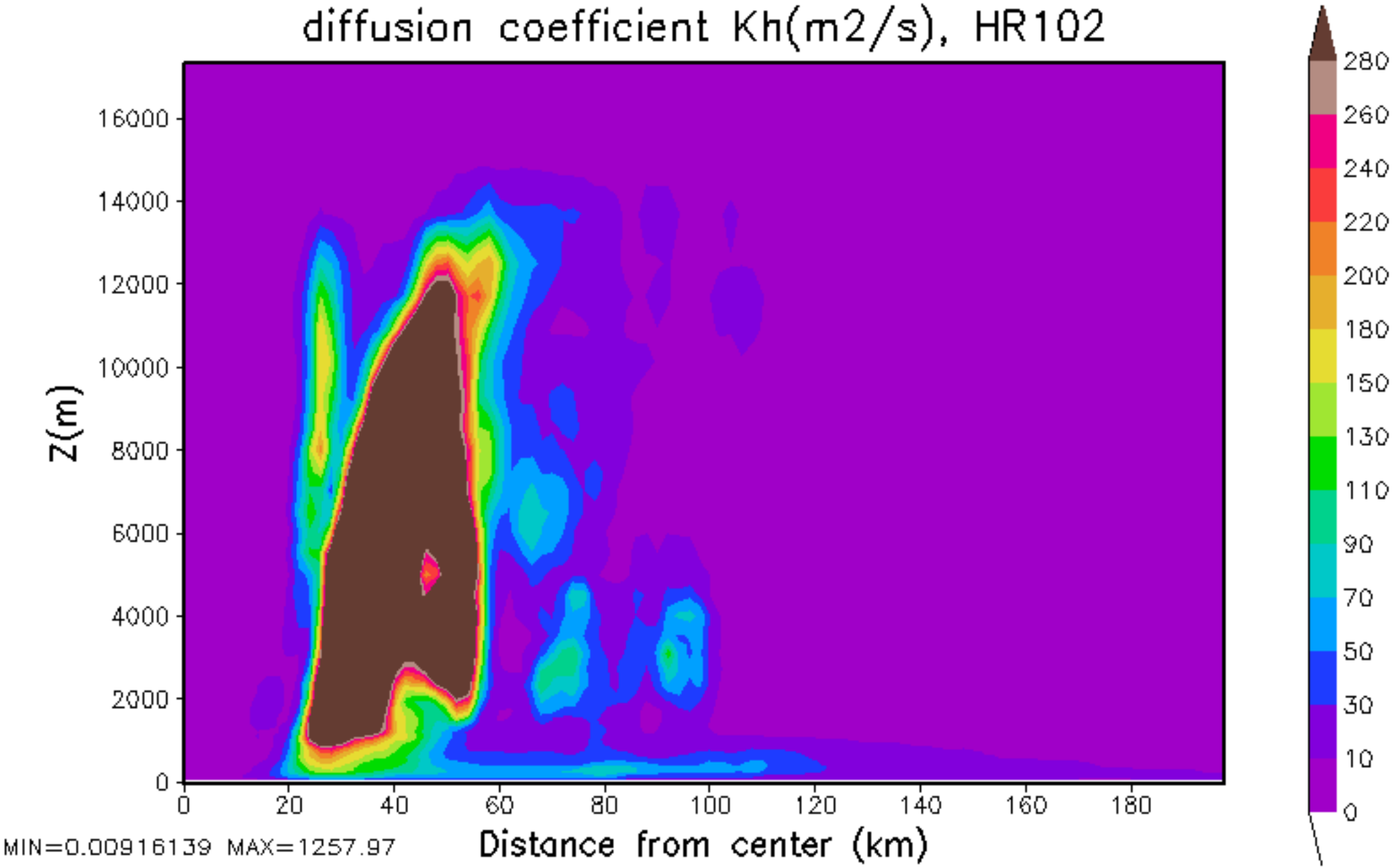
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh(m2/s), HR102
Z(m)
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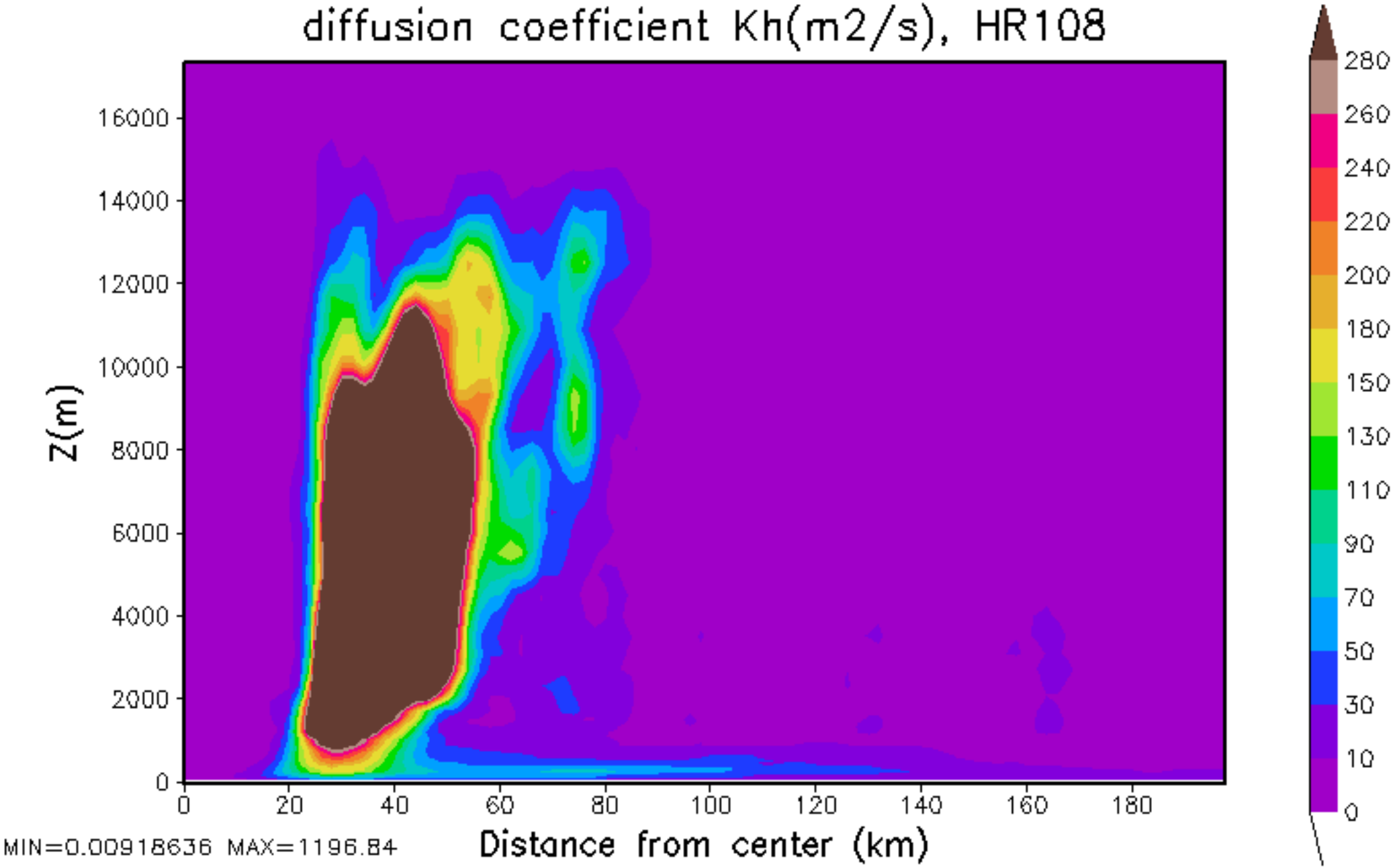
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00916139 MAX=1257.97
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh(m2/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=0.00918636 MAX=1196.84
280
260
240
220
200
180
150
130
110
90
70
50
30
10
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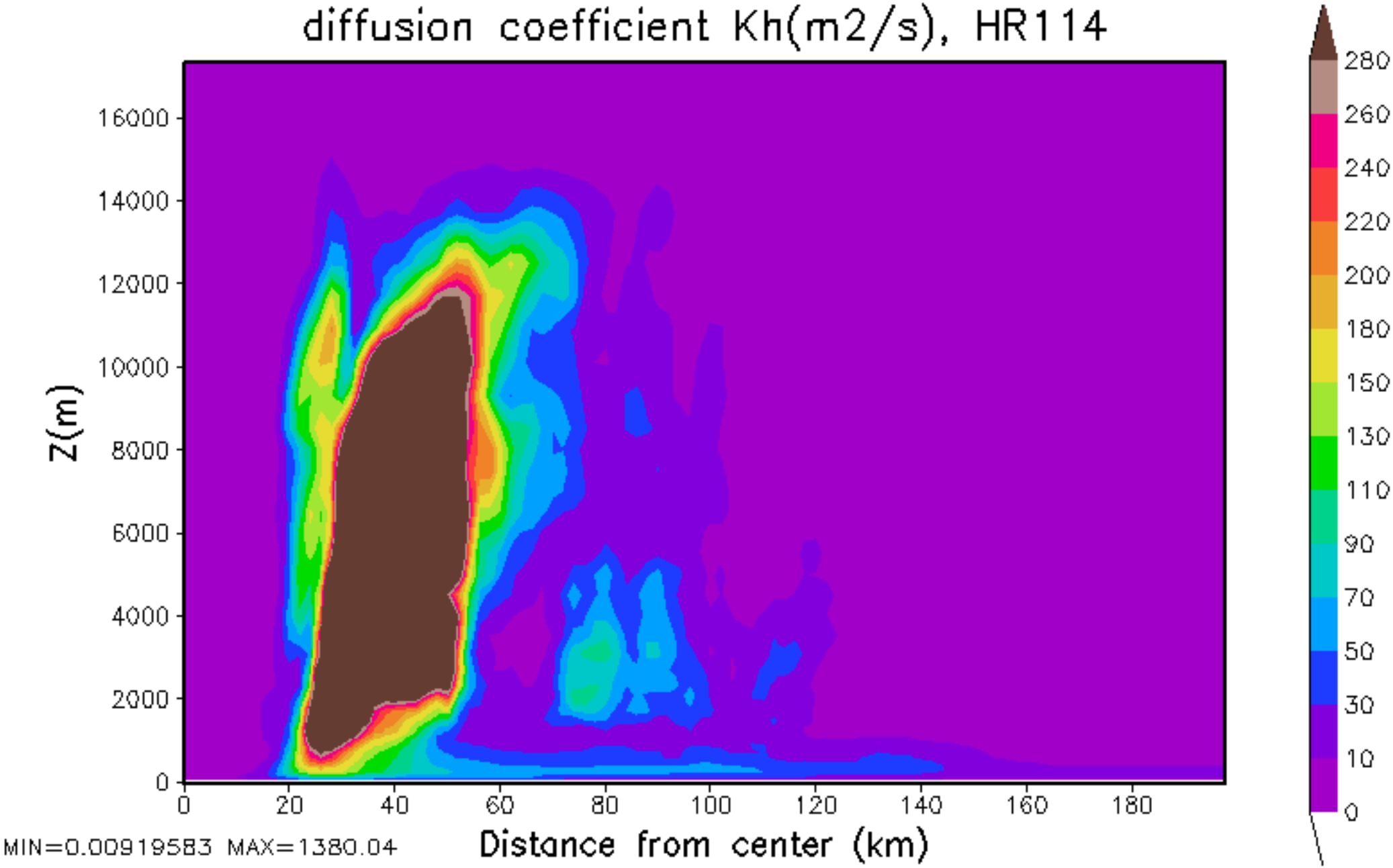
diffusion coefficient Kh(m2/s), HR114
Z(m)
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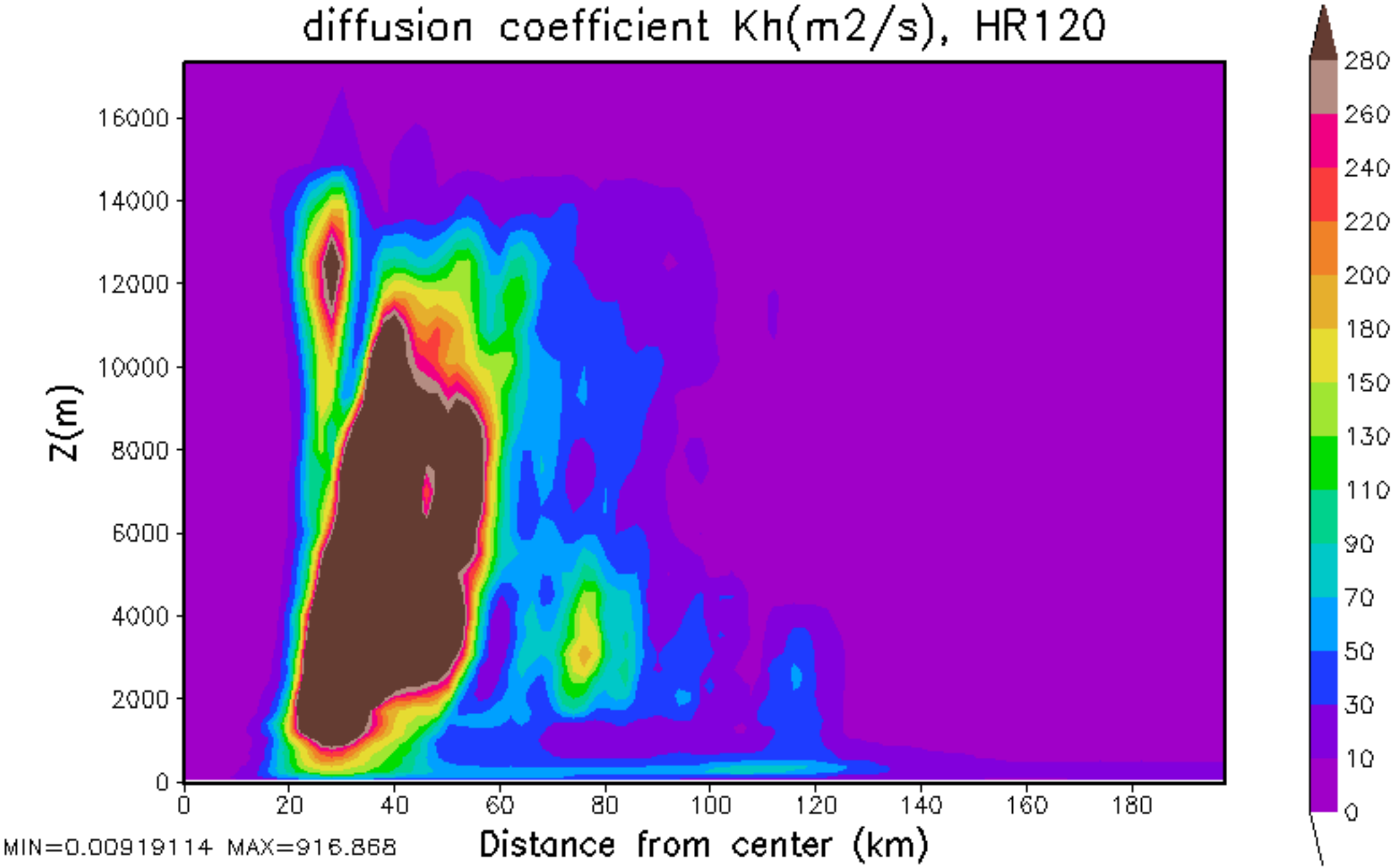
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919583 MAX=1380.04
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh(m2/s), HR120
Z(m)
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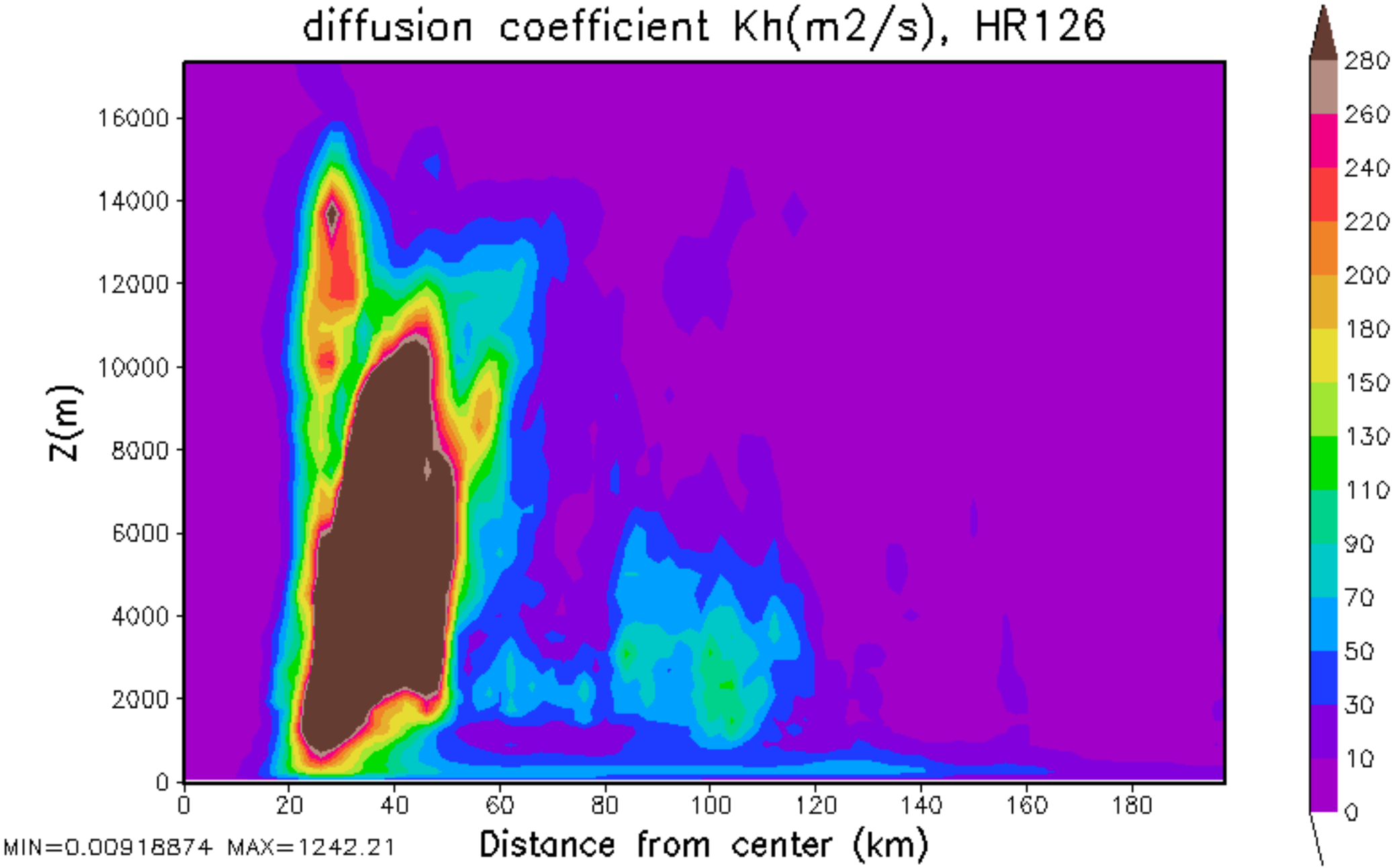
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919114 MAX=916.868
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh(m2/s), HR126
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00918874 MAX=1242.21
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260
240
220
200
180
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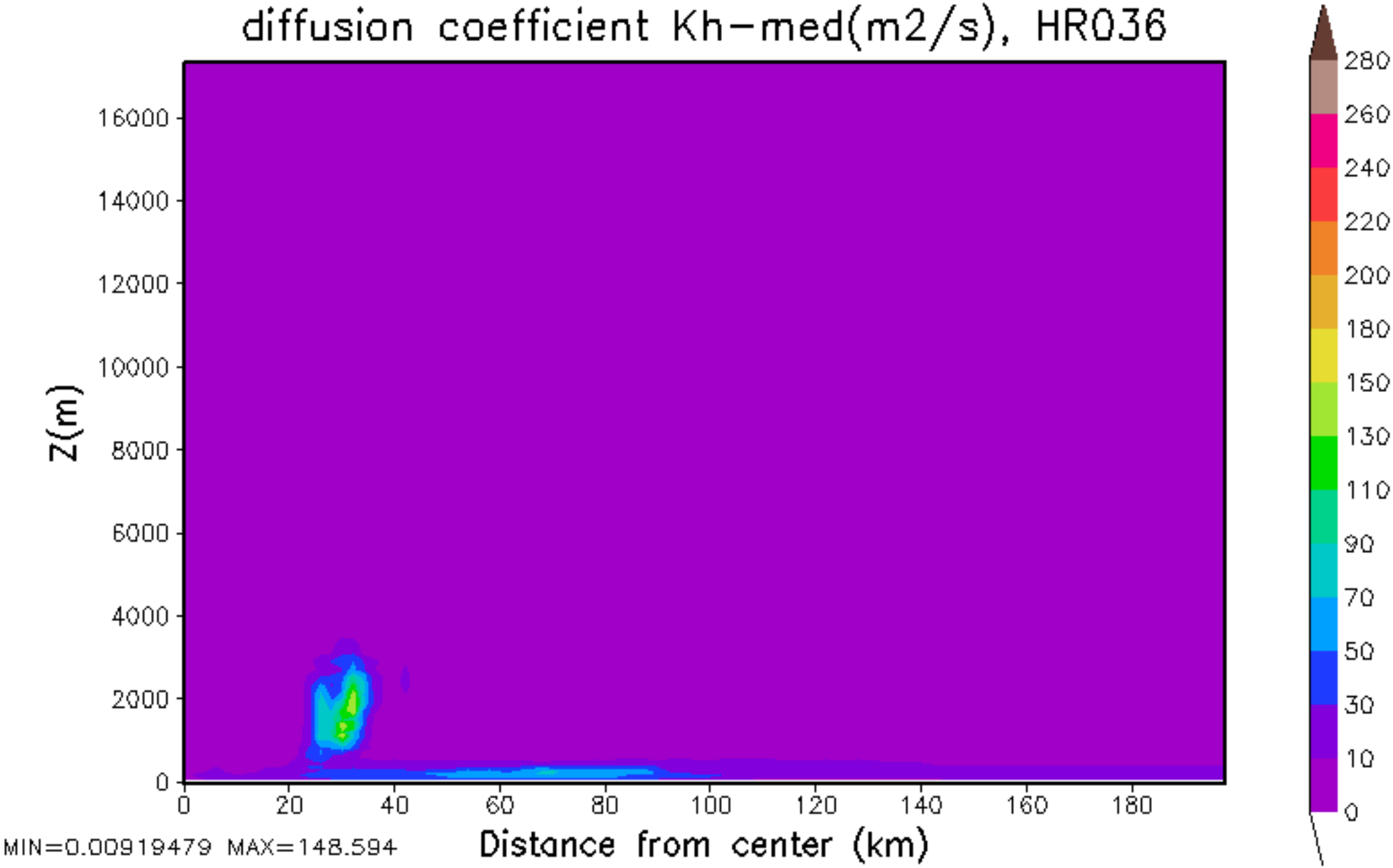
130
110
90
70
50
30
10
0


diffusion coefficient Kh-med(m2/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=0.00919479 MAX=148.594
280
260
240
220
200
180
150
130
110
90
70
50
30
10
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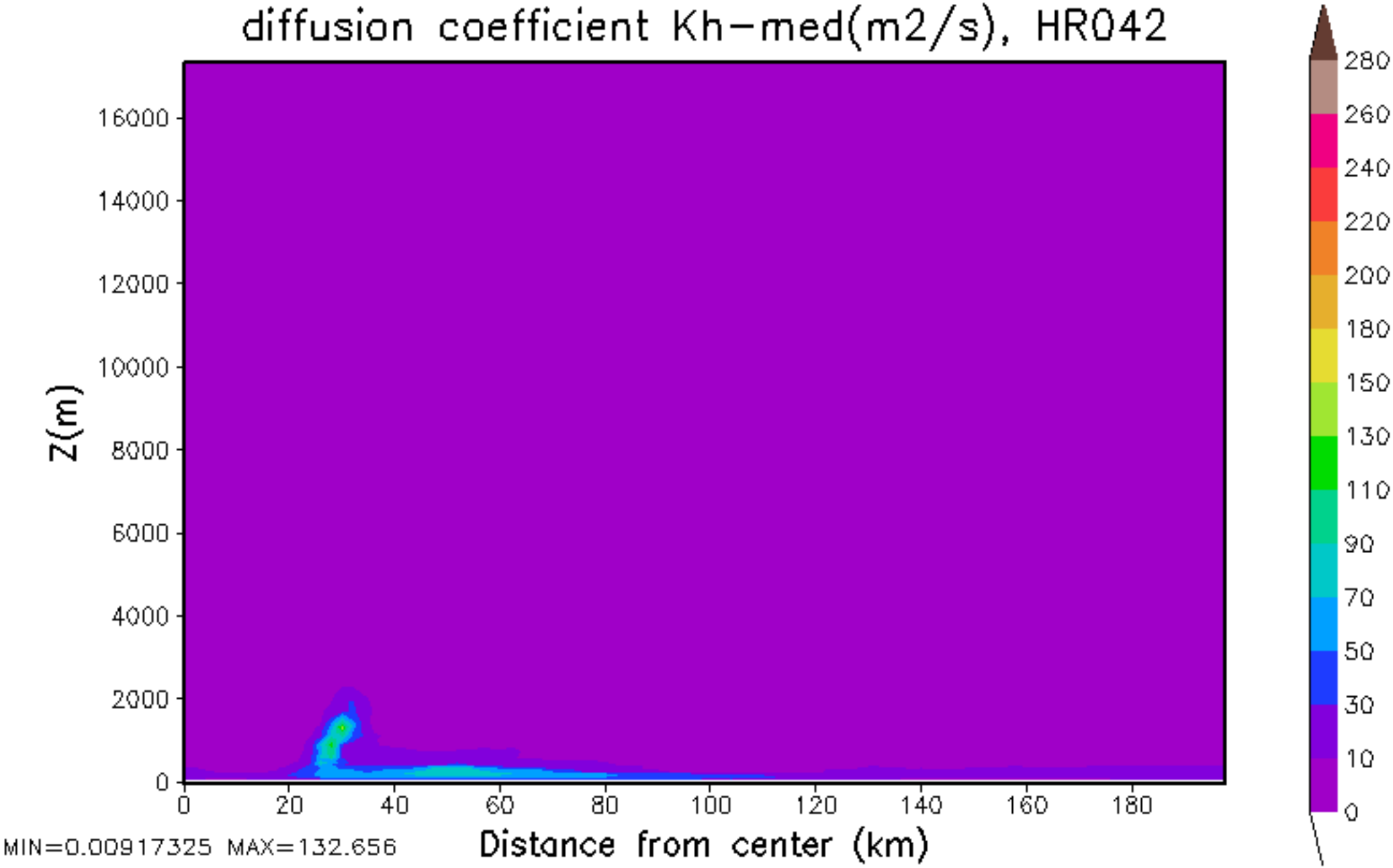
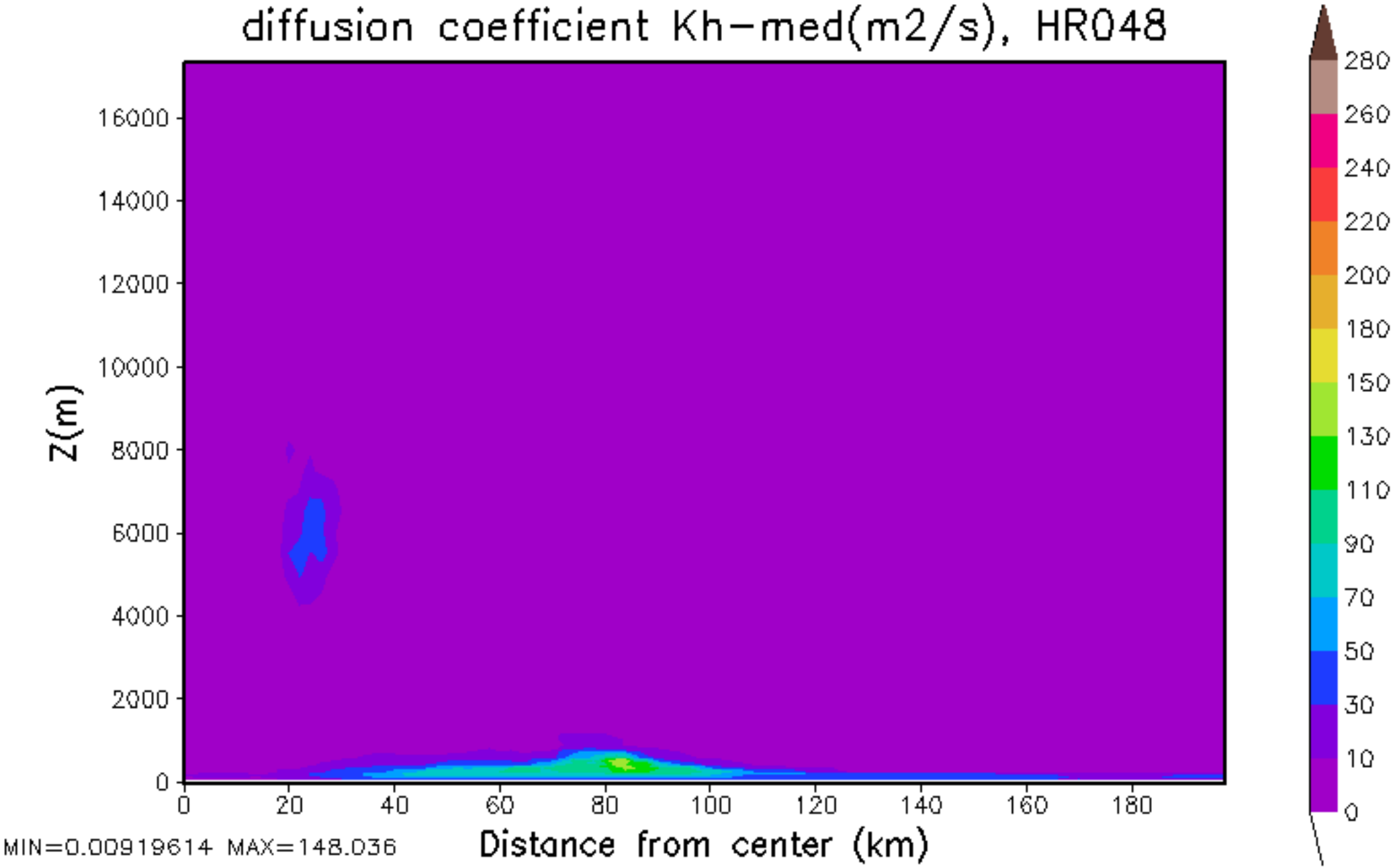

diffusion coefficient Kh-med(m2/s), HR042
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917325 MAX=132.656
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh-med(m2/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=0.00919614 MAX=148.036
280
260
240
220
200
180
150
130
110
90
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50
30
10
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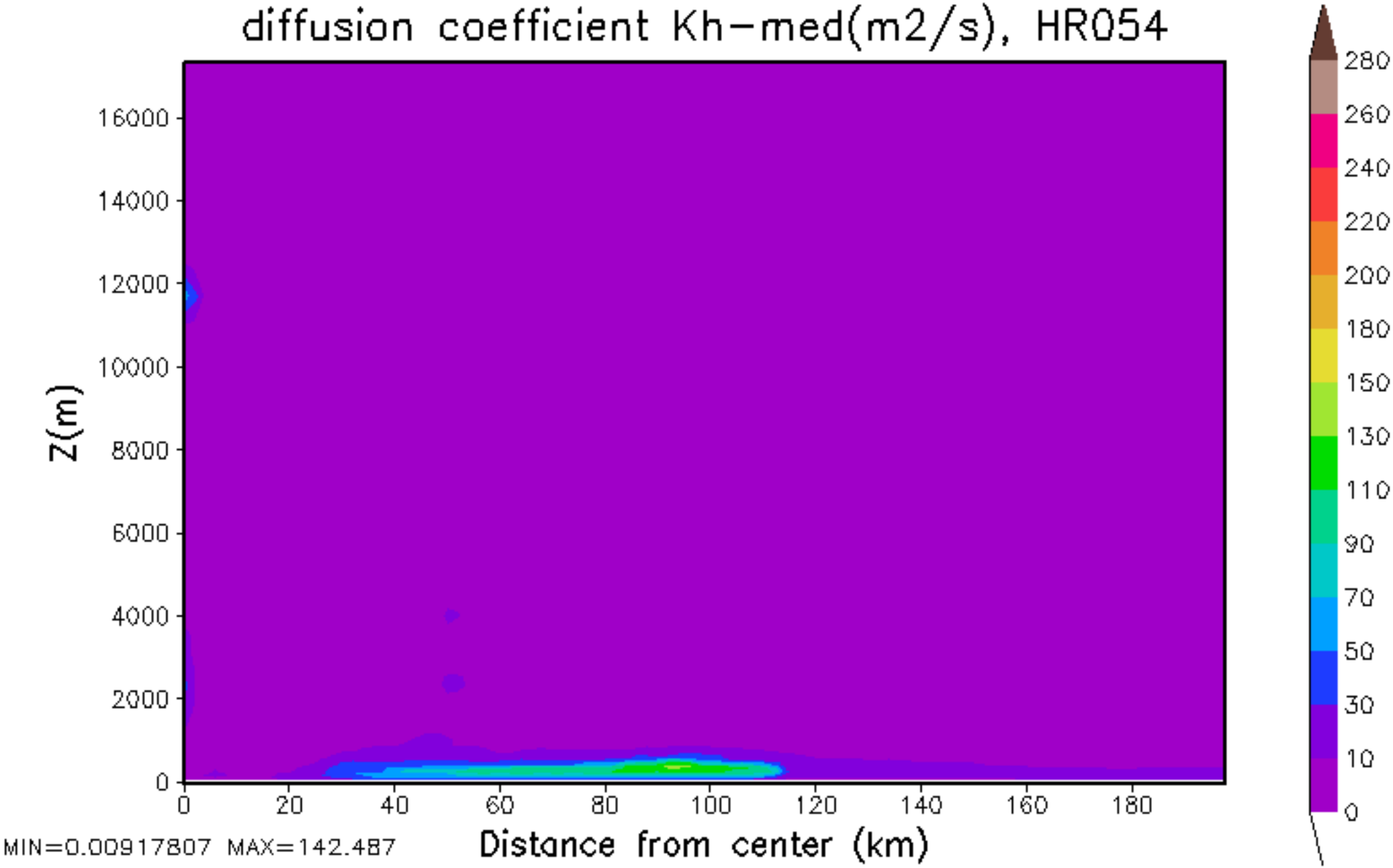
diffusion coefficient Kh-med(m2/s), HR054
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917807 MAX=142.487
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260
240
220
200
180
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130
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90
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50
30
10
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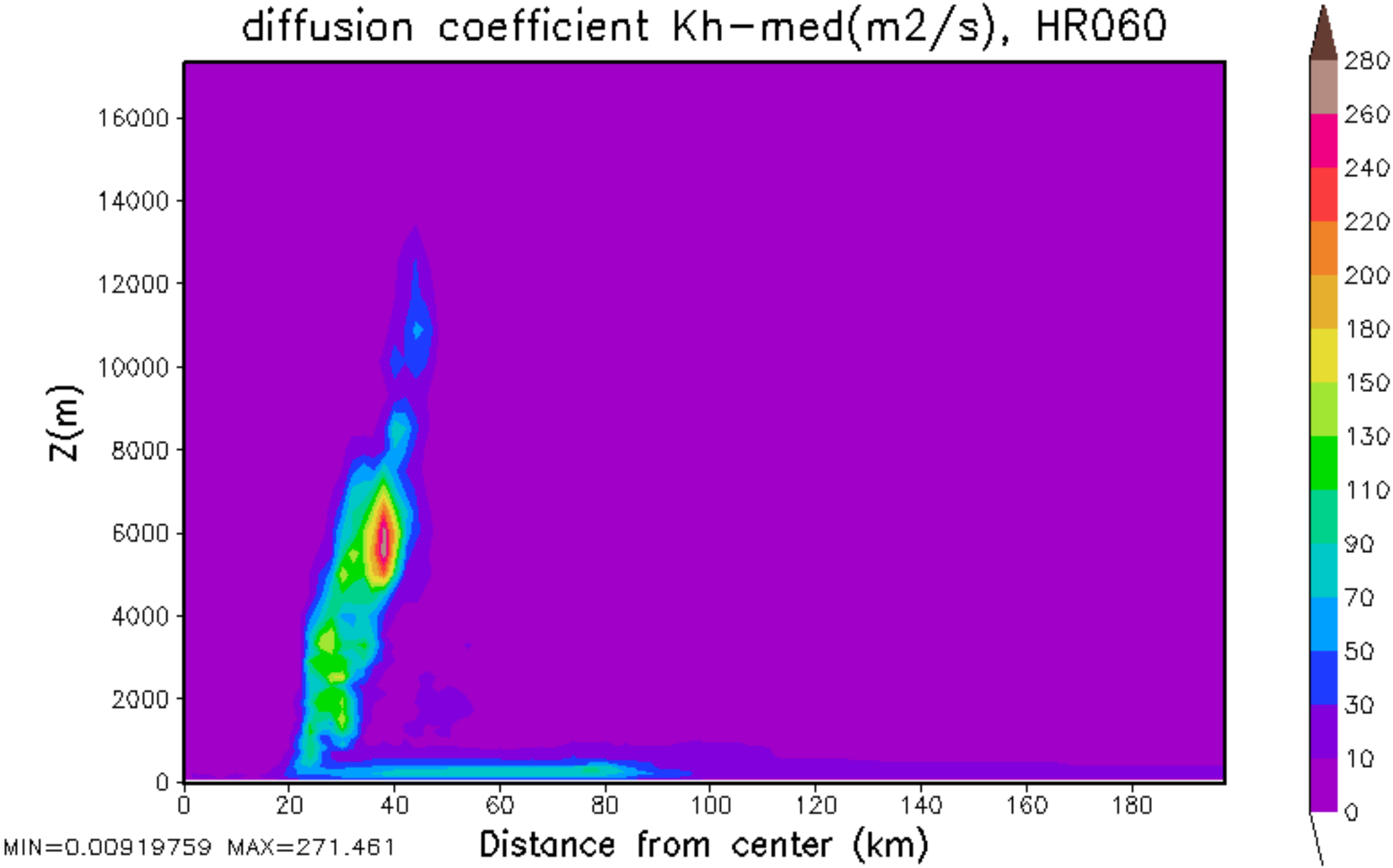
diffusion coefficient Kh-med(m2/s), HR060
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919759 MAX=271.461
280
260
240
220
200
180
150
130
110
90
70
50
30
10
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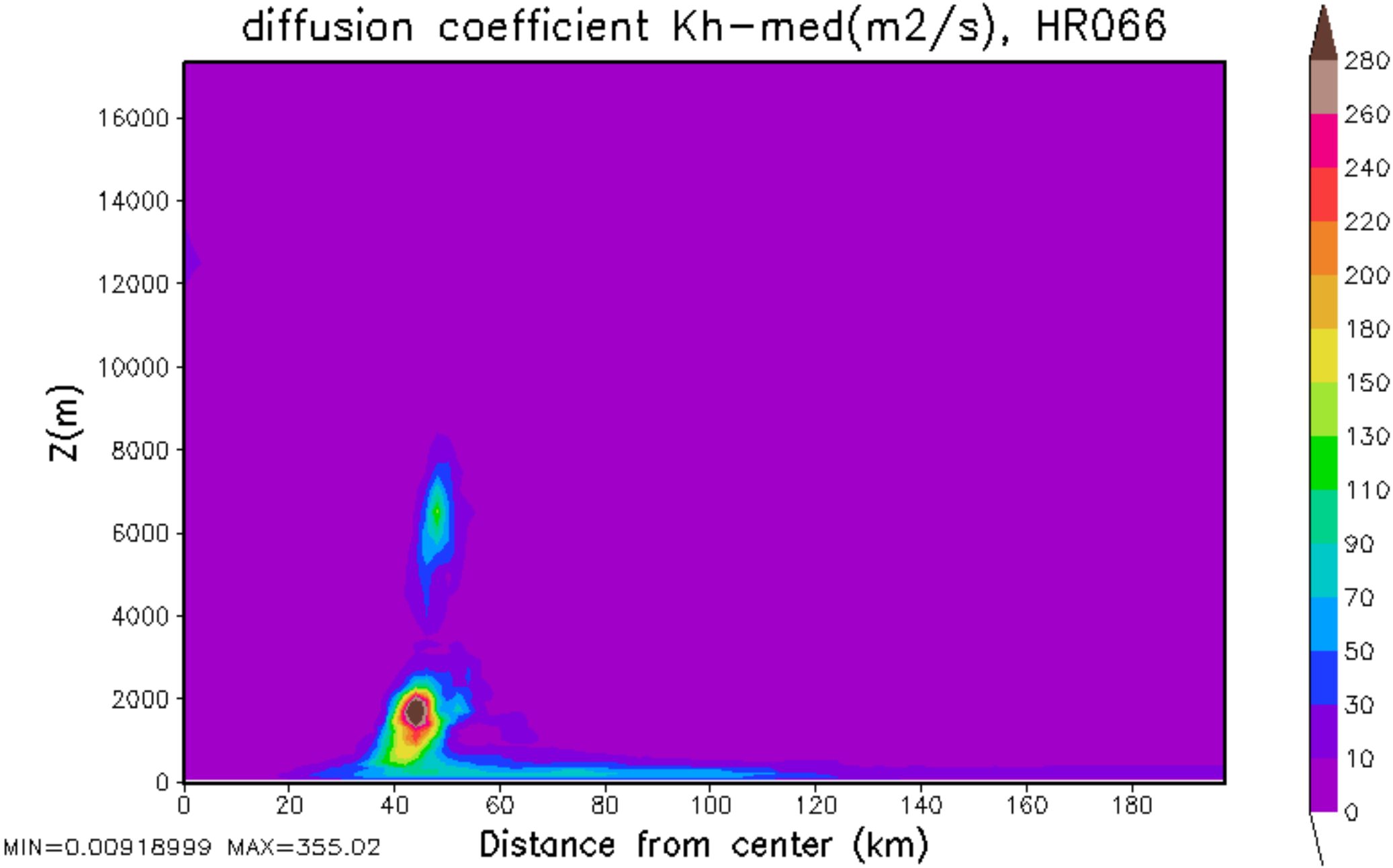
diffusion coefficient Kh-med(m2/s), HR066
Z(m)
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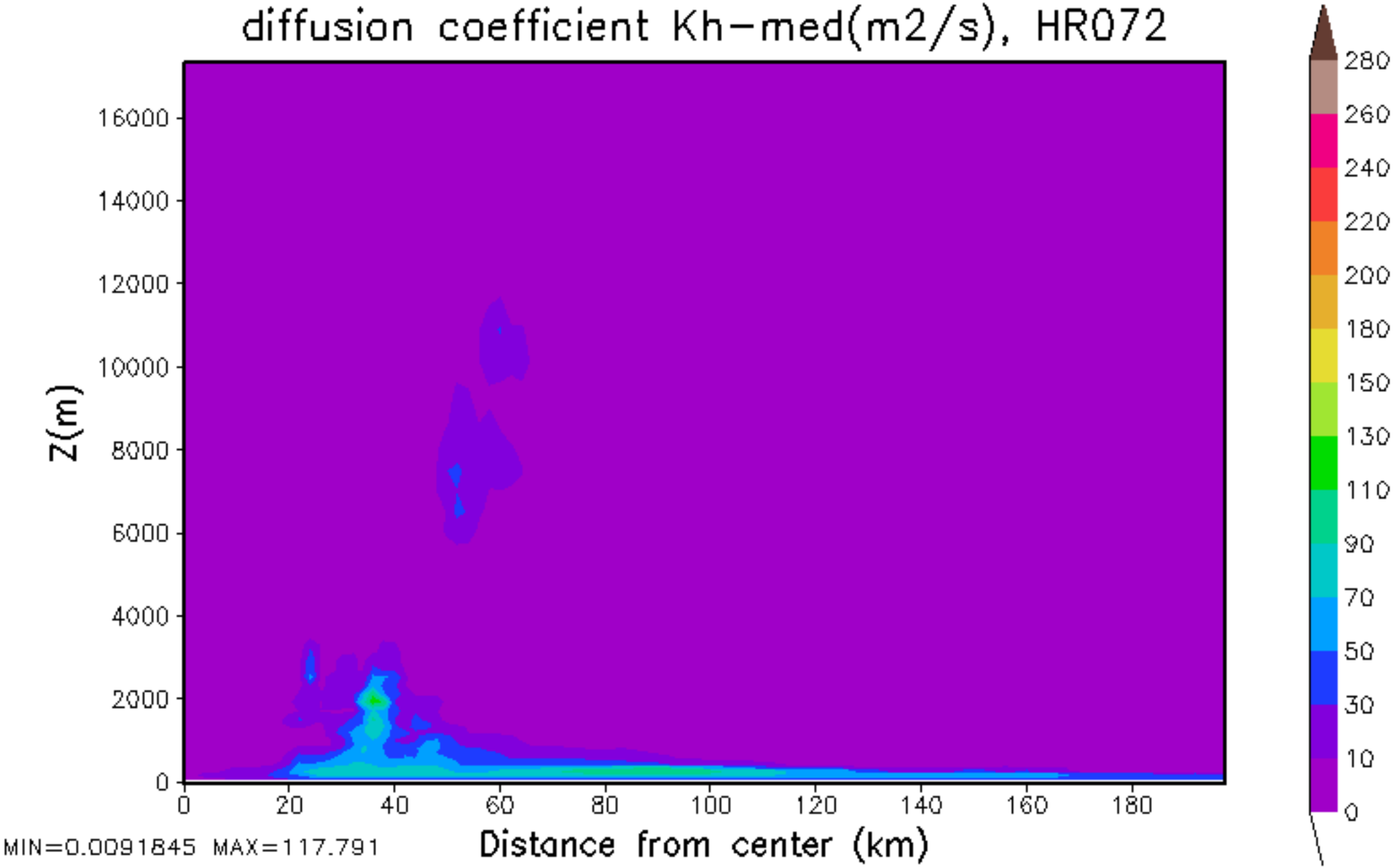
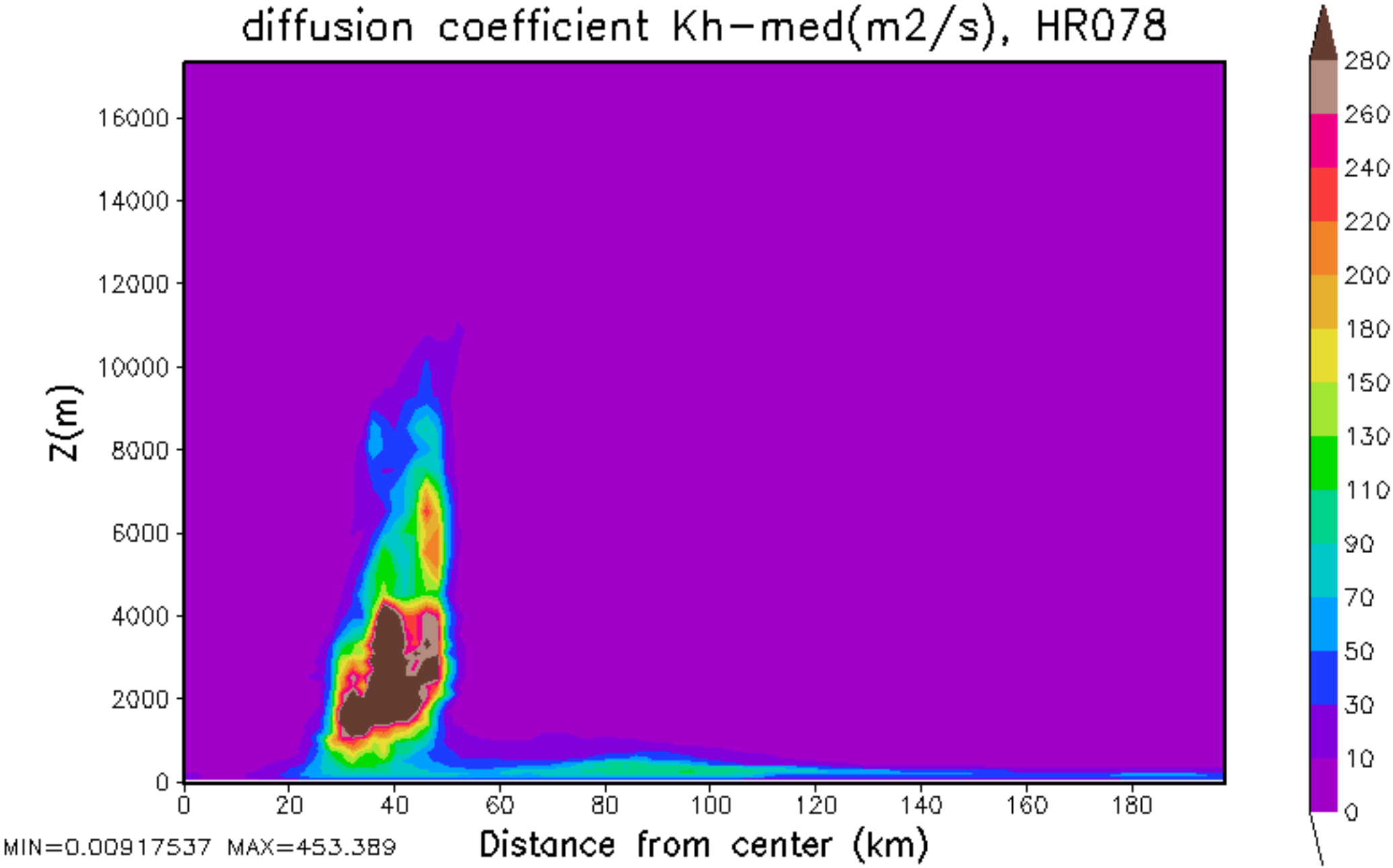
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00918999 MAX=355.02
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh-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=0.0091845 MAX=117.791
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh-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=0.00917537 MAX=453.389
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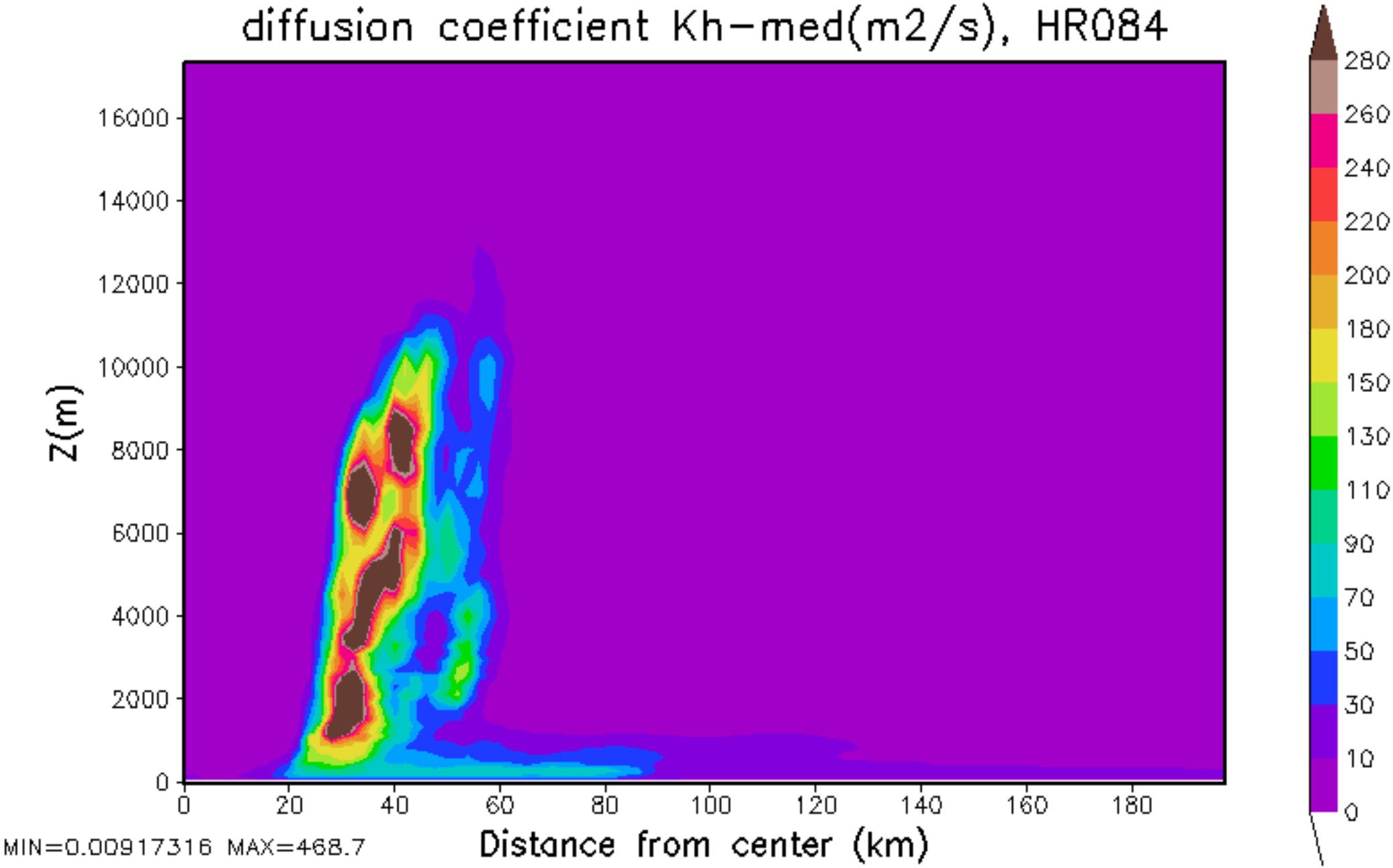
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh-med(m2/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=0.00917316 MAX=468.7
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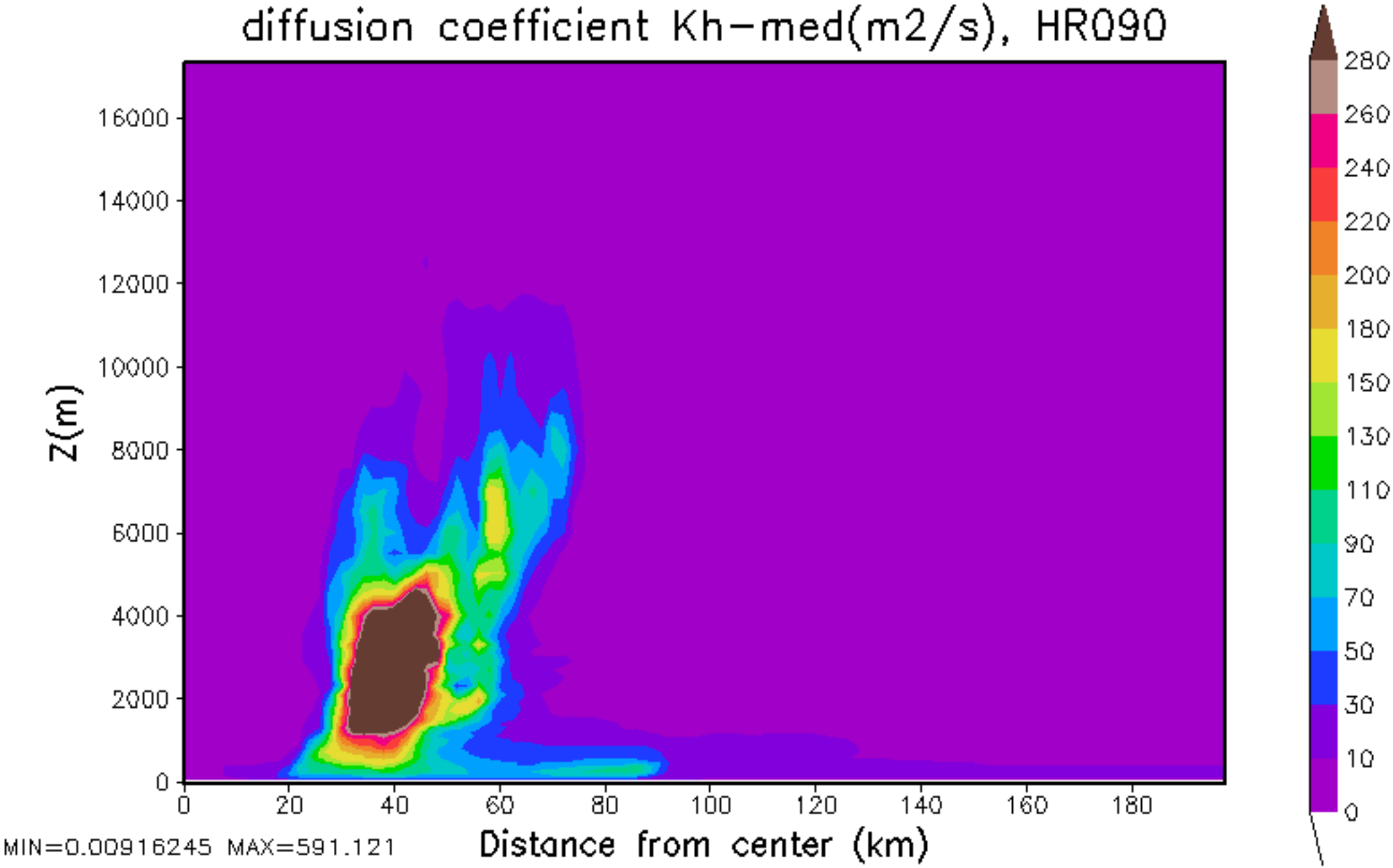
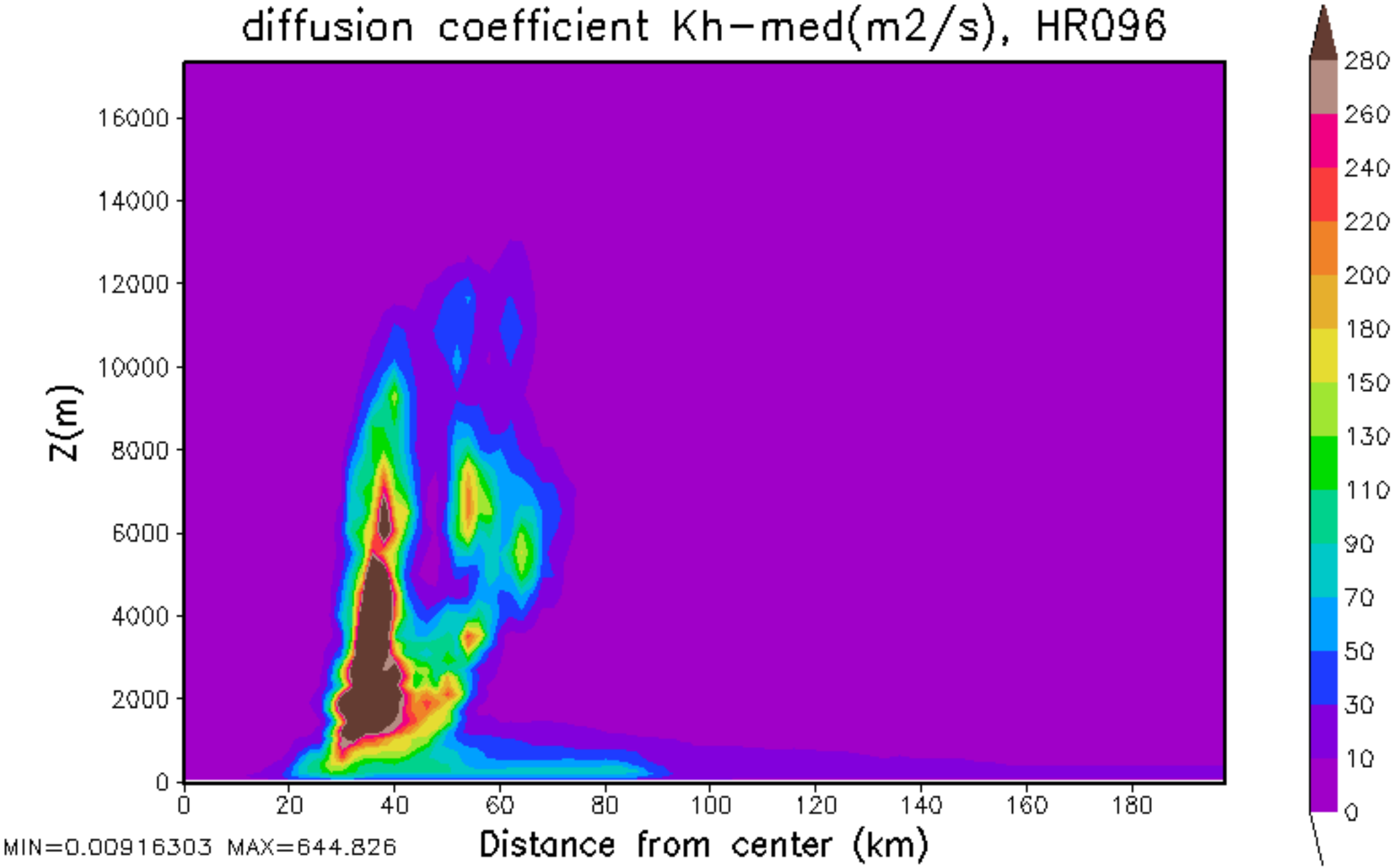
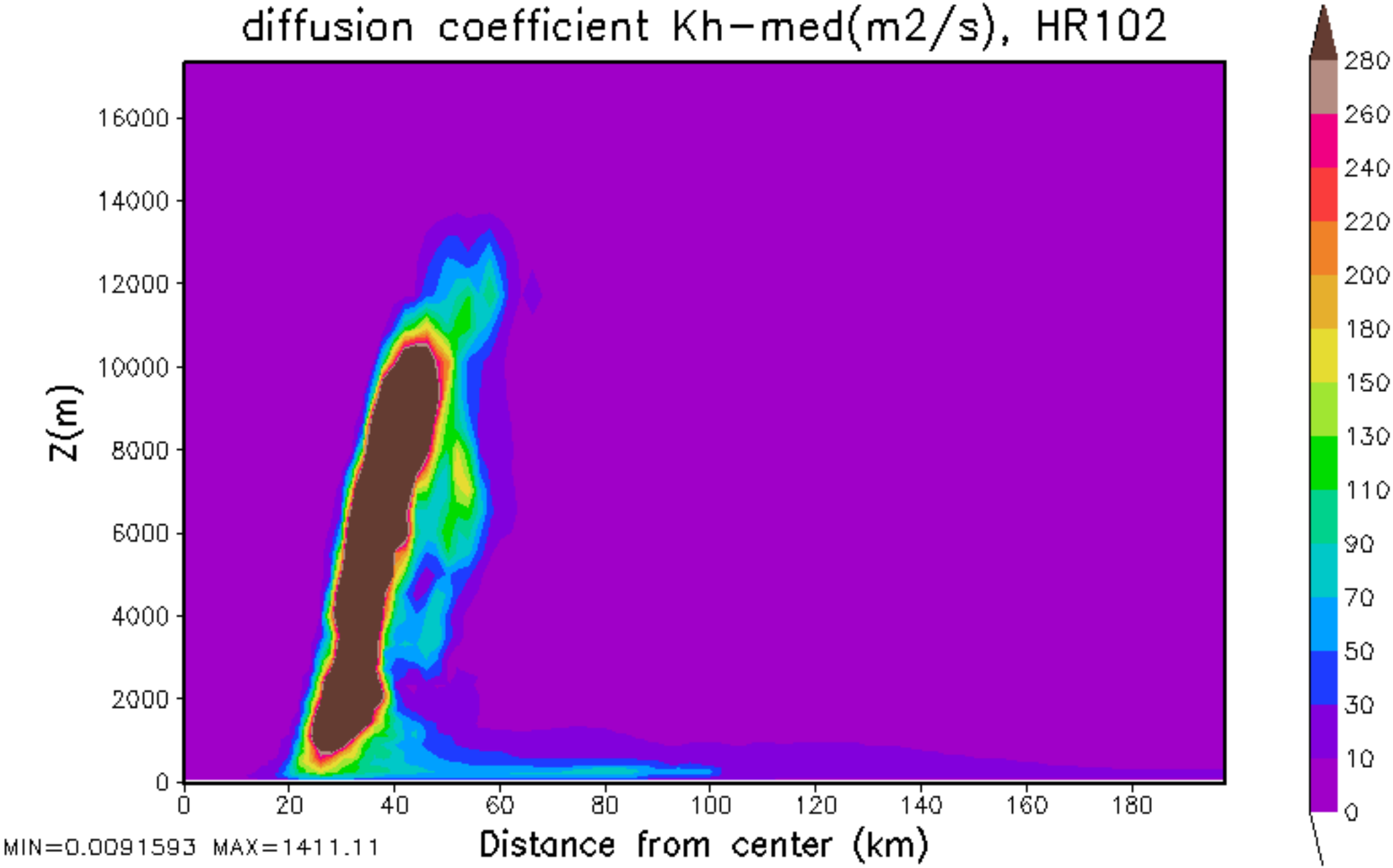
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh-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=0.00916245 MAX=591.121
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh-med(m2/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=0.00916303 MAX=644.826
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Kh-med(m2/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=0.0091593 MAX=1411.11
280
260
240
220
200
180
150
130
110
90
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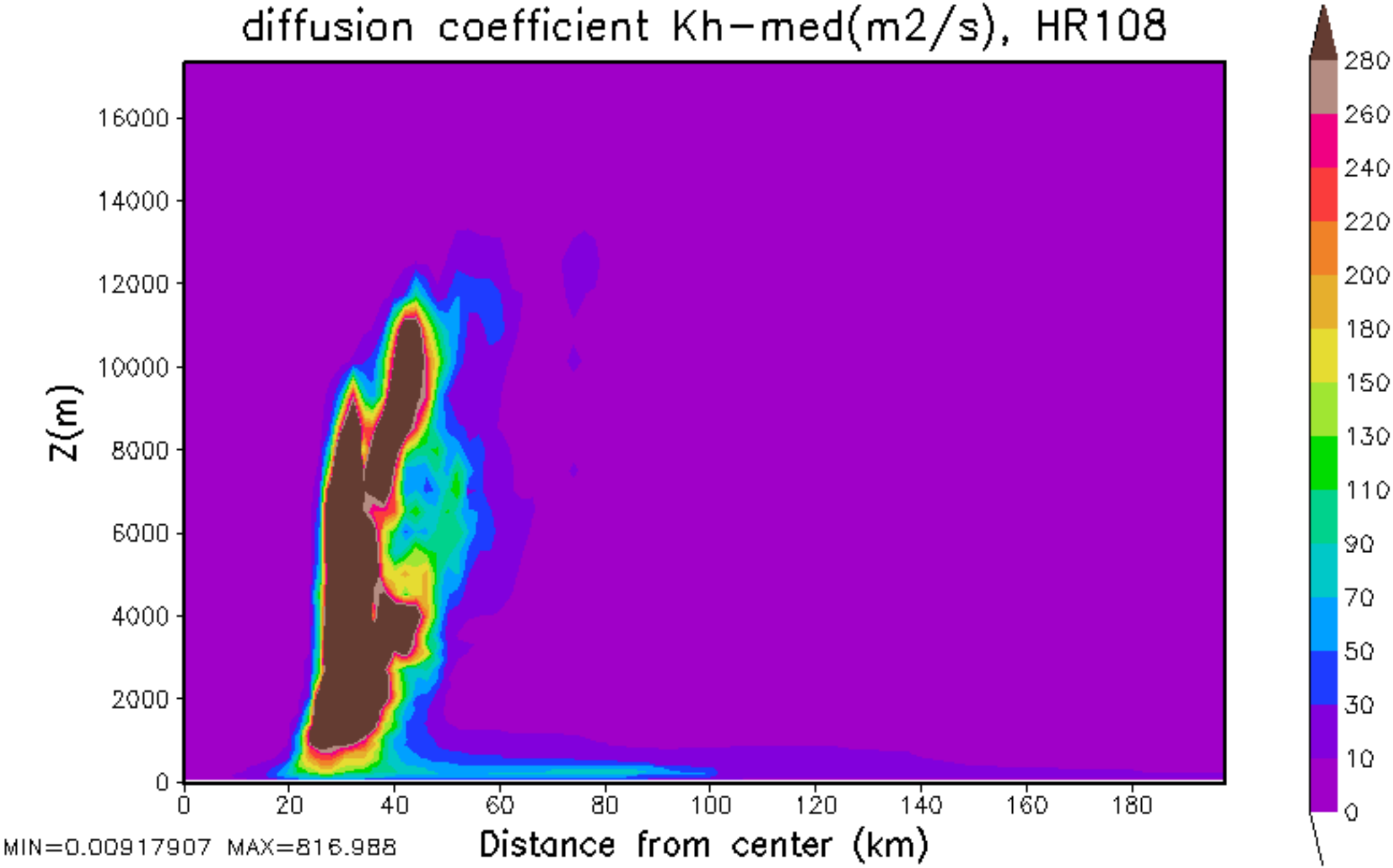
50
30
10
0


diffusion coefficient Kh-med(m2/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=0.00917907 MAX=816.988
280
260
240
220
200
180
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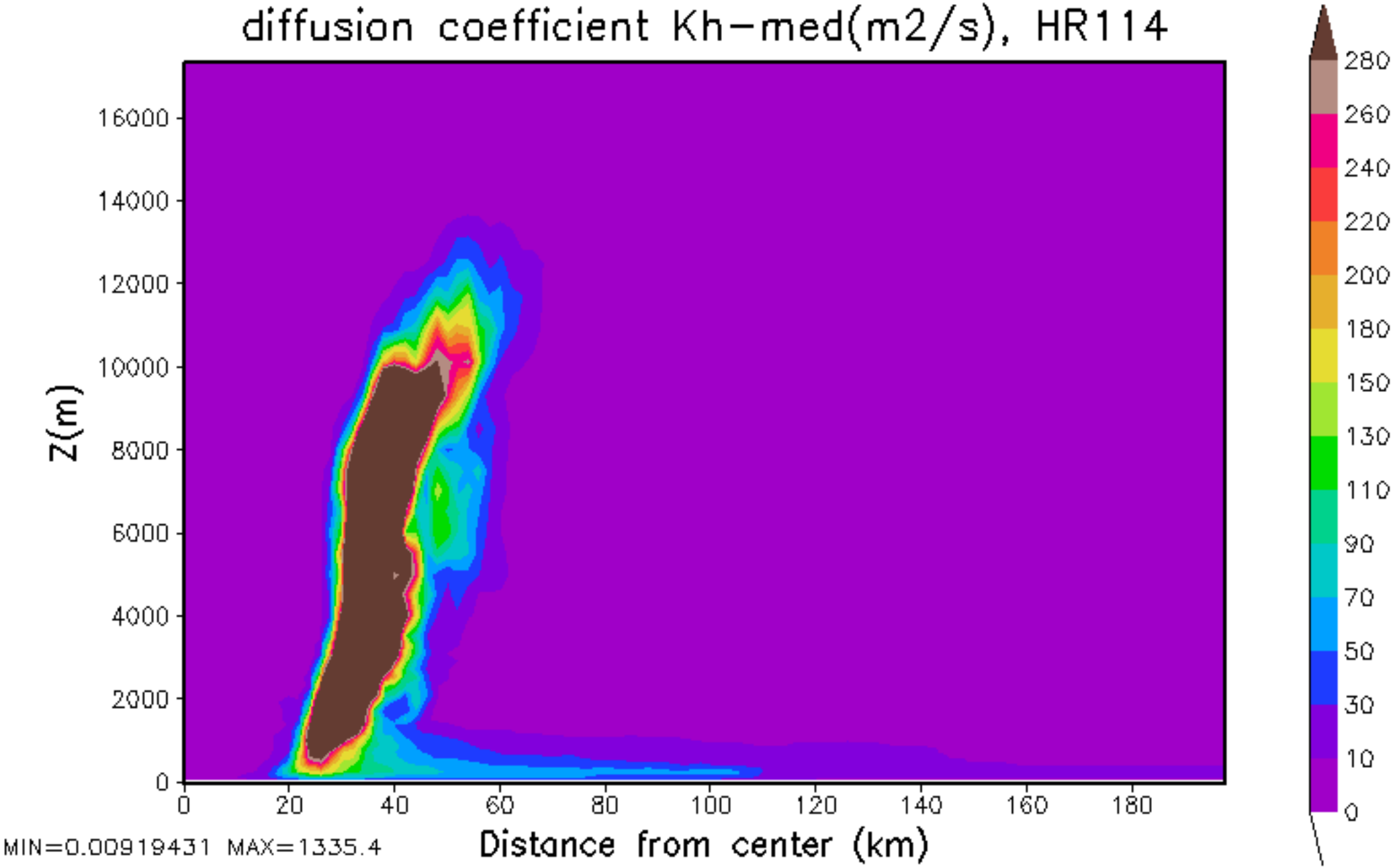
130
110
90
70
50
30
10
0


diffusion coefficient Kh-med(m2/s), HR114
Z(m)
16000
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=0.00919431 MAX=1335.4
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260
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220
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130
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10
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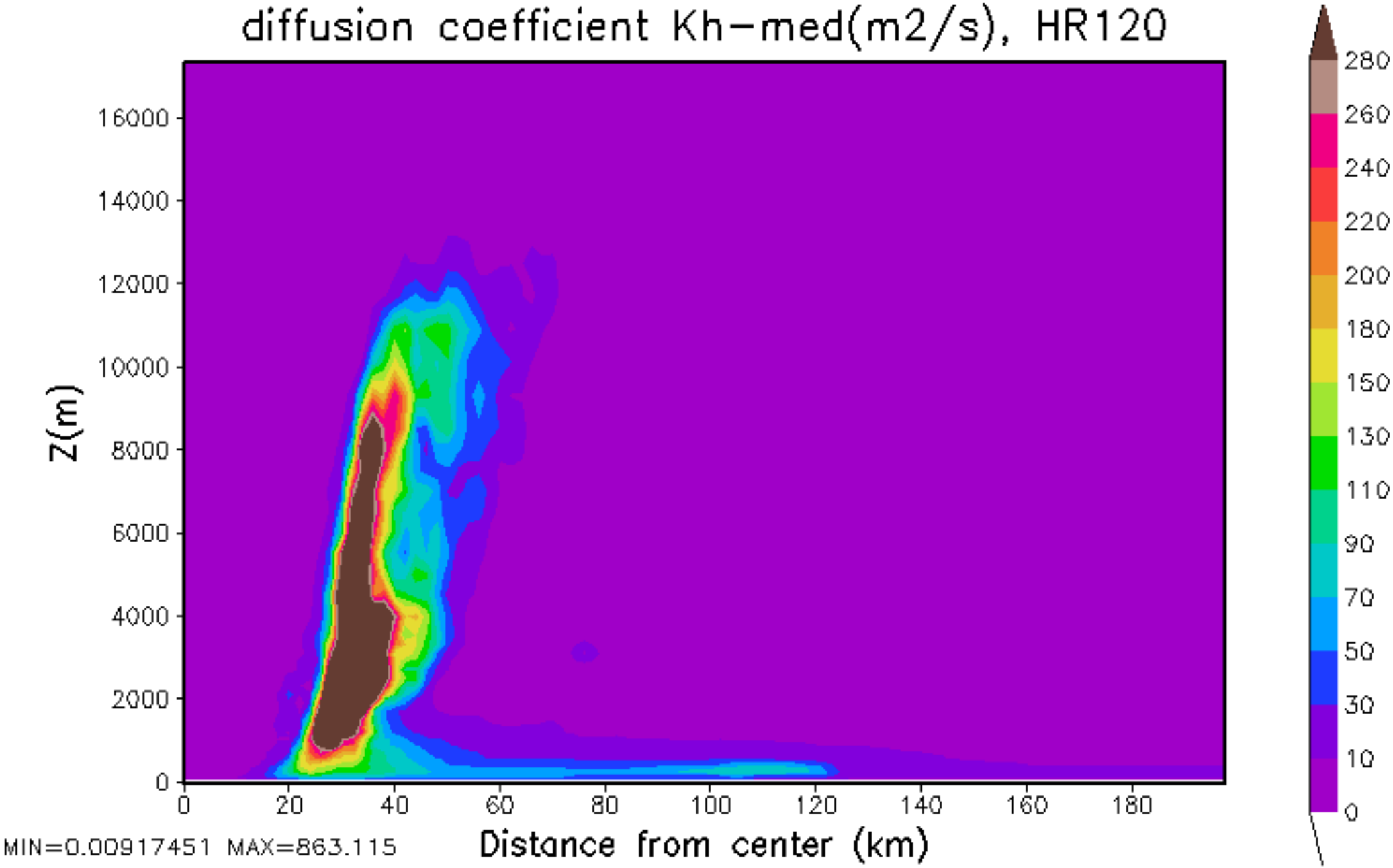
diffusion coefficient Kh-med(m2/s), HR120
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00917451 MAX=863.115
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260
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50
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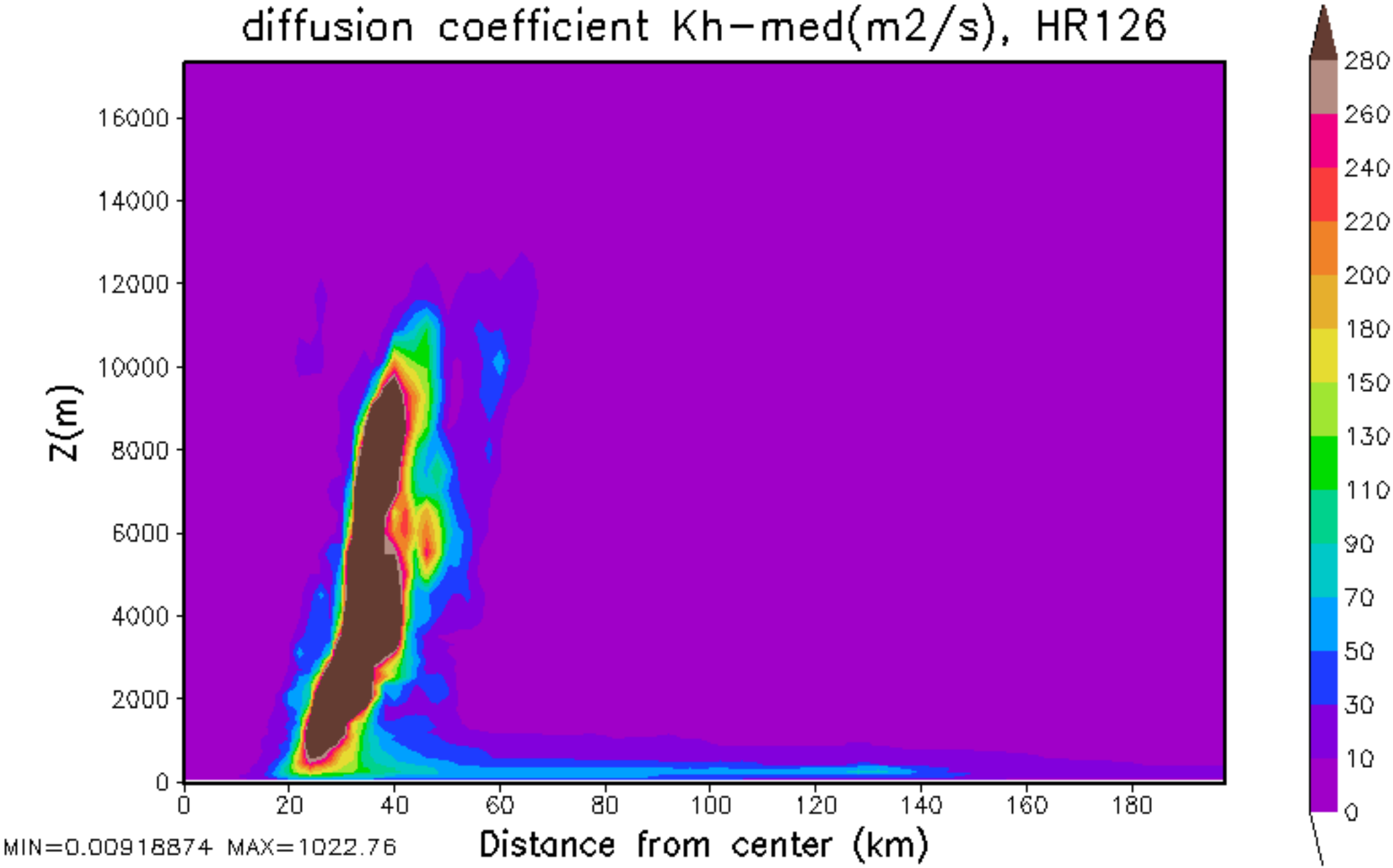
diffusion coefficient Kh-med(m2/s), HR126
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00918874 MAX=1022.76
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260
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220
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130
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50
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10
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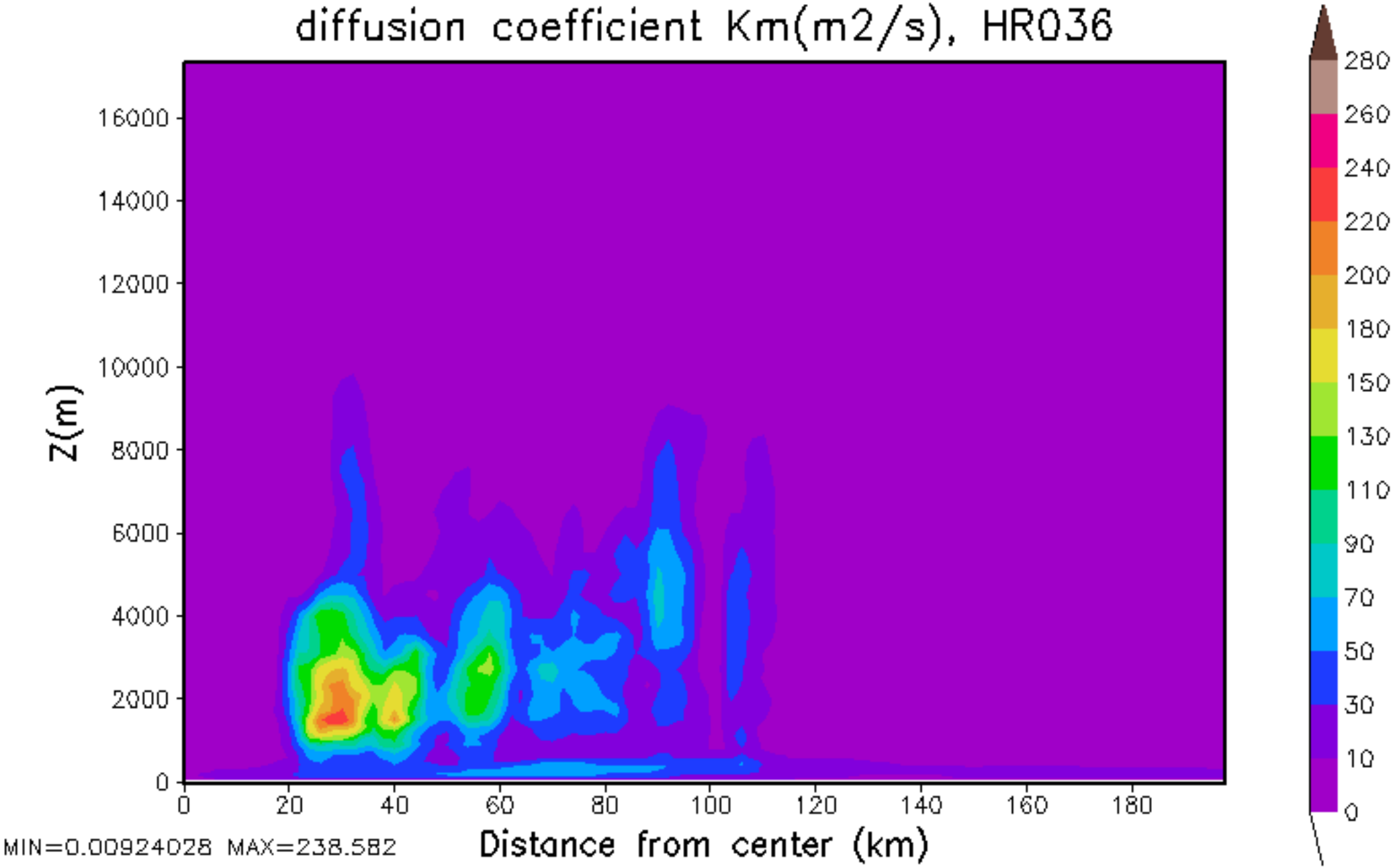
diffusion coefficient Km(m2/s), HR036
Z(m)
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10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924028 MAX=238.582
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260
240
220
200
180
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130
110
90
70
50
30
10
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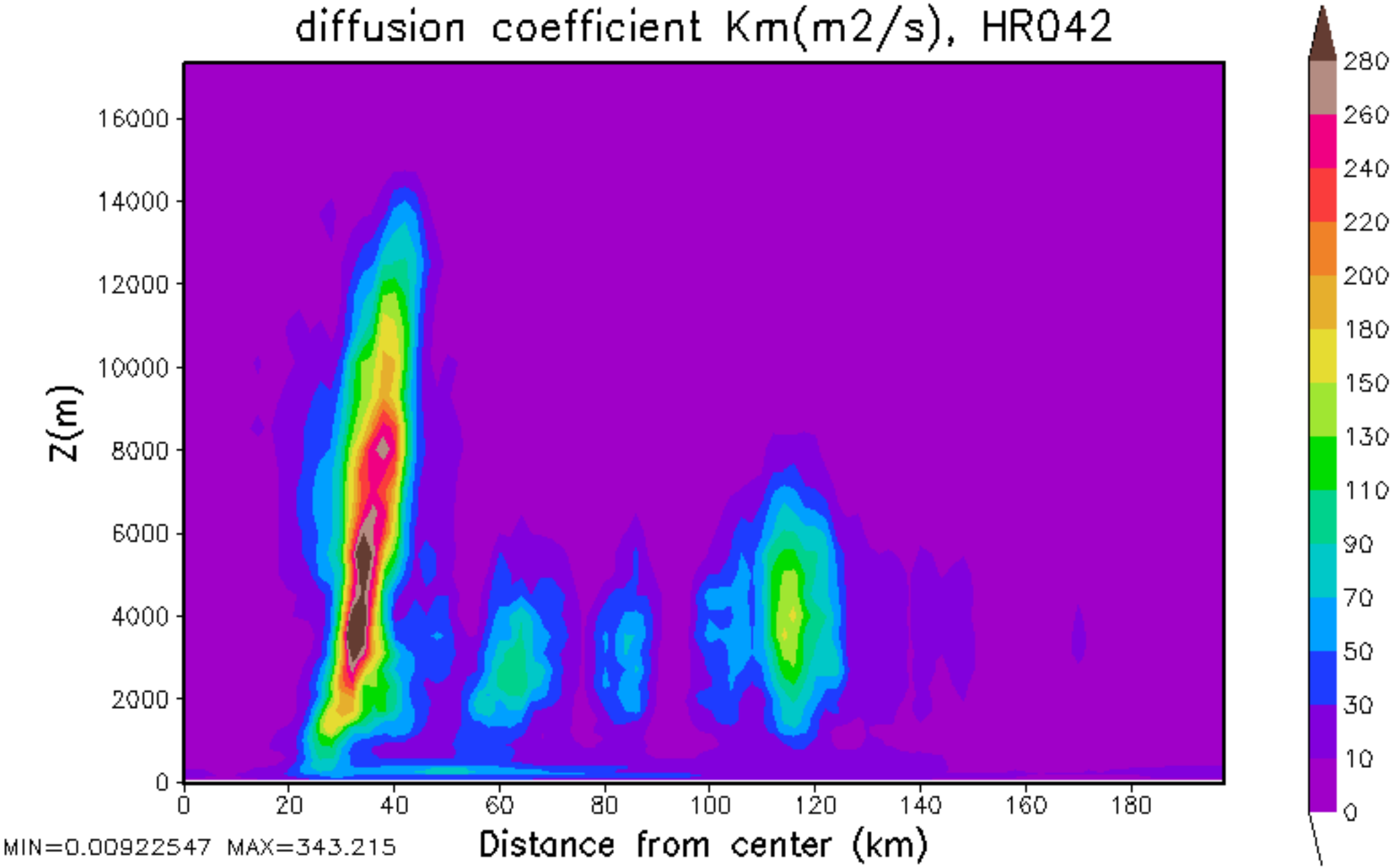
diffusion coefficient Km(m2/s), HR042
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922547 MAX=343.215
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260
240
220
200
180
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130
110
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50
30
10
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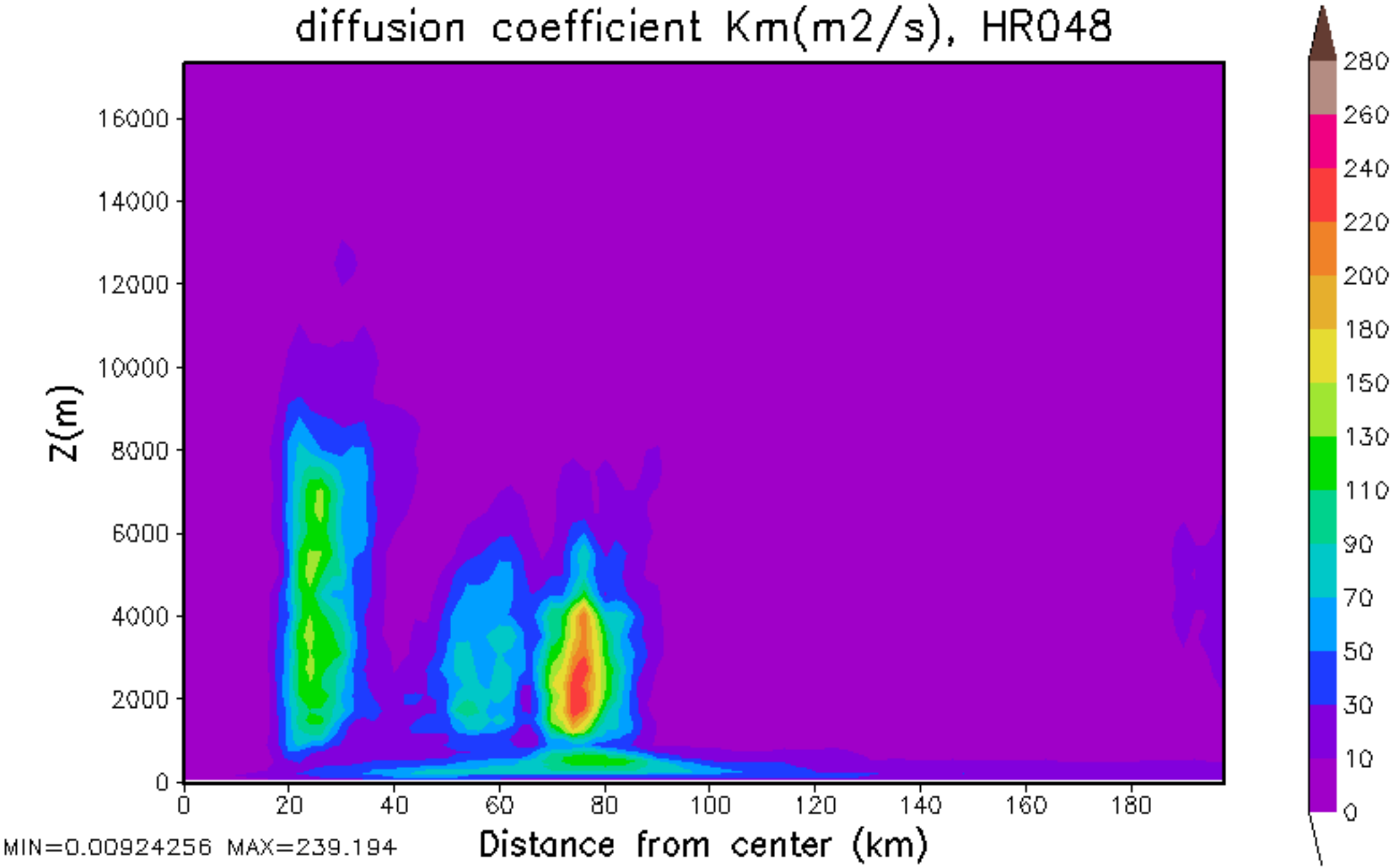
diffusion coefficient Km(m2/s), HR048
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924256 MAX=239.194
280
260
240
220
200
180
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130
110
90
70
50
30
10
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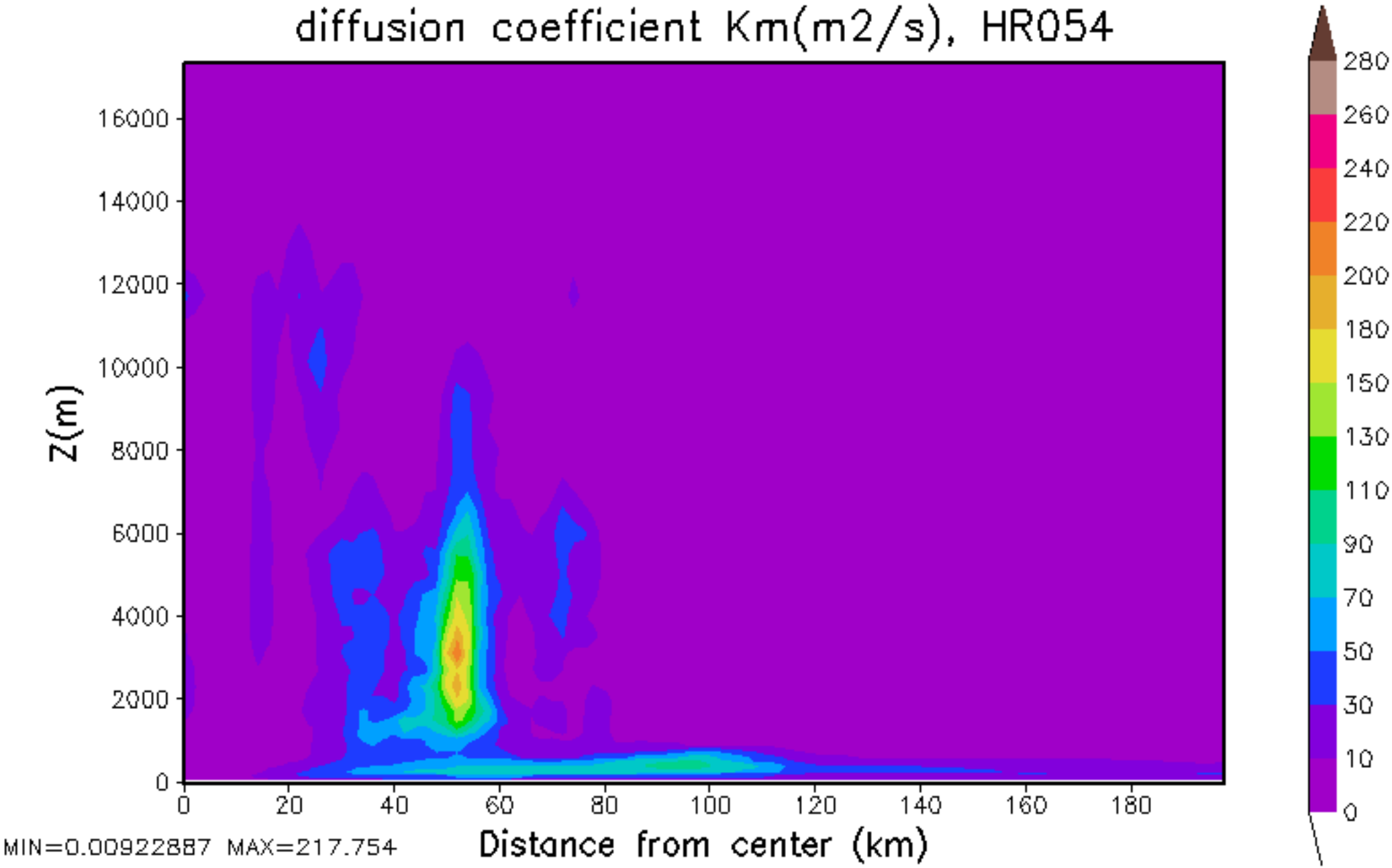
diffusion coefficient Km(m2/s), HR054
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922887 MAX=217.754
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260
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50
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10
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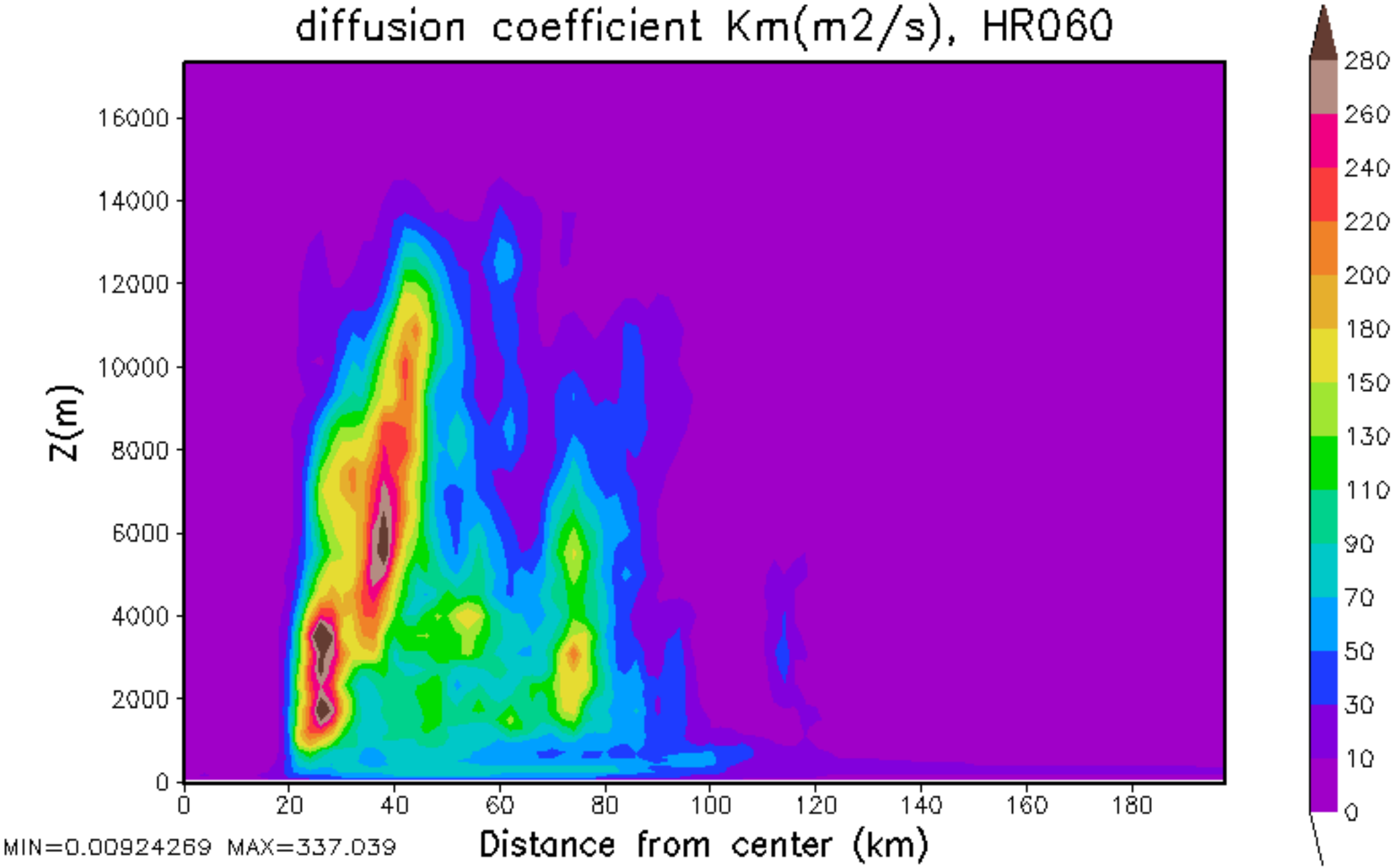
diffusion coefficient Km(m2/s), HR060
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924269 MAX=337.039
280
260
240
220
200
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110
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50
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10
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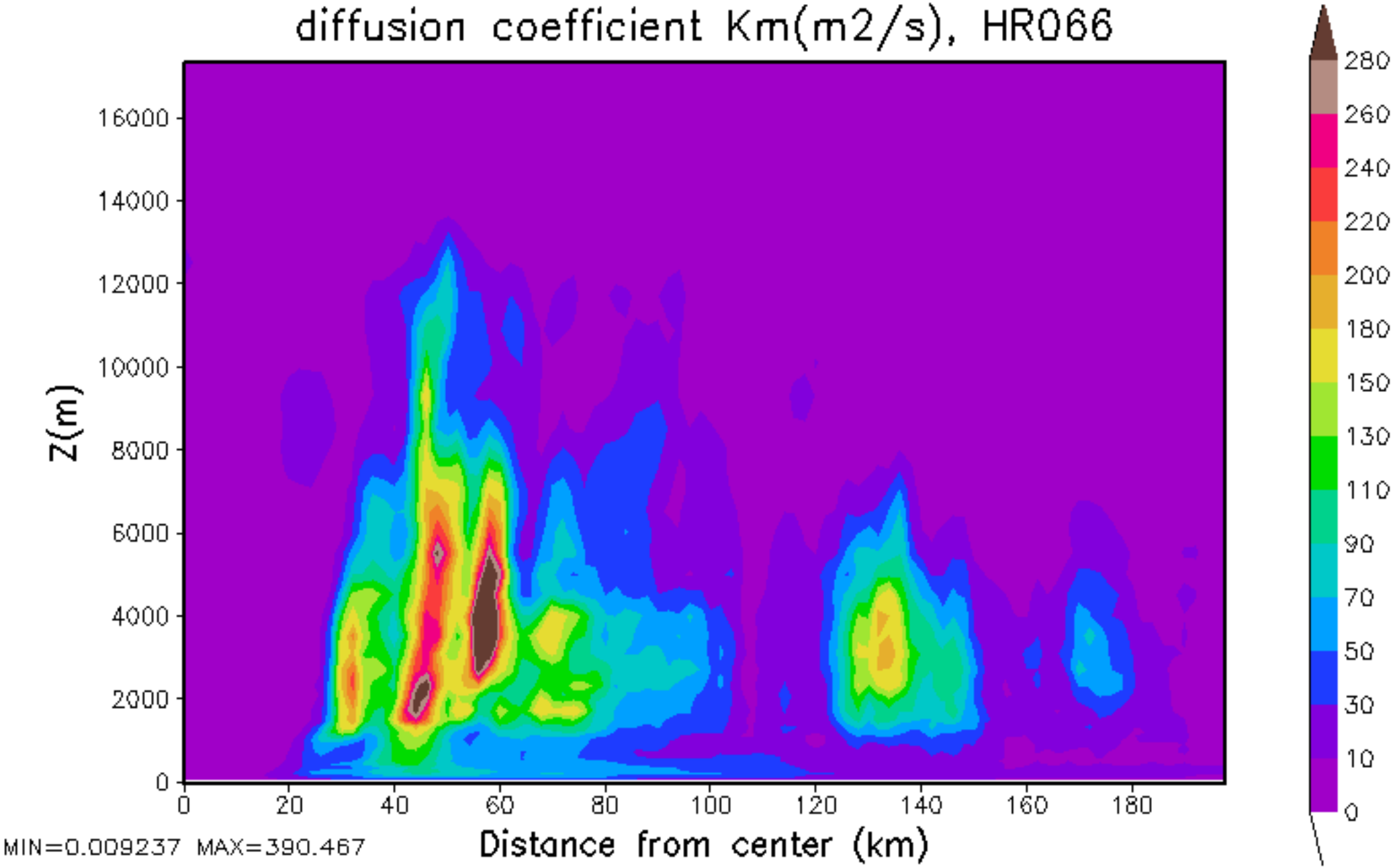
diffusion coefficient Km(m2/s), HR066
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.009237 MAX=390.467
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260
240
220
200
180
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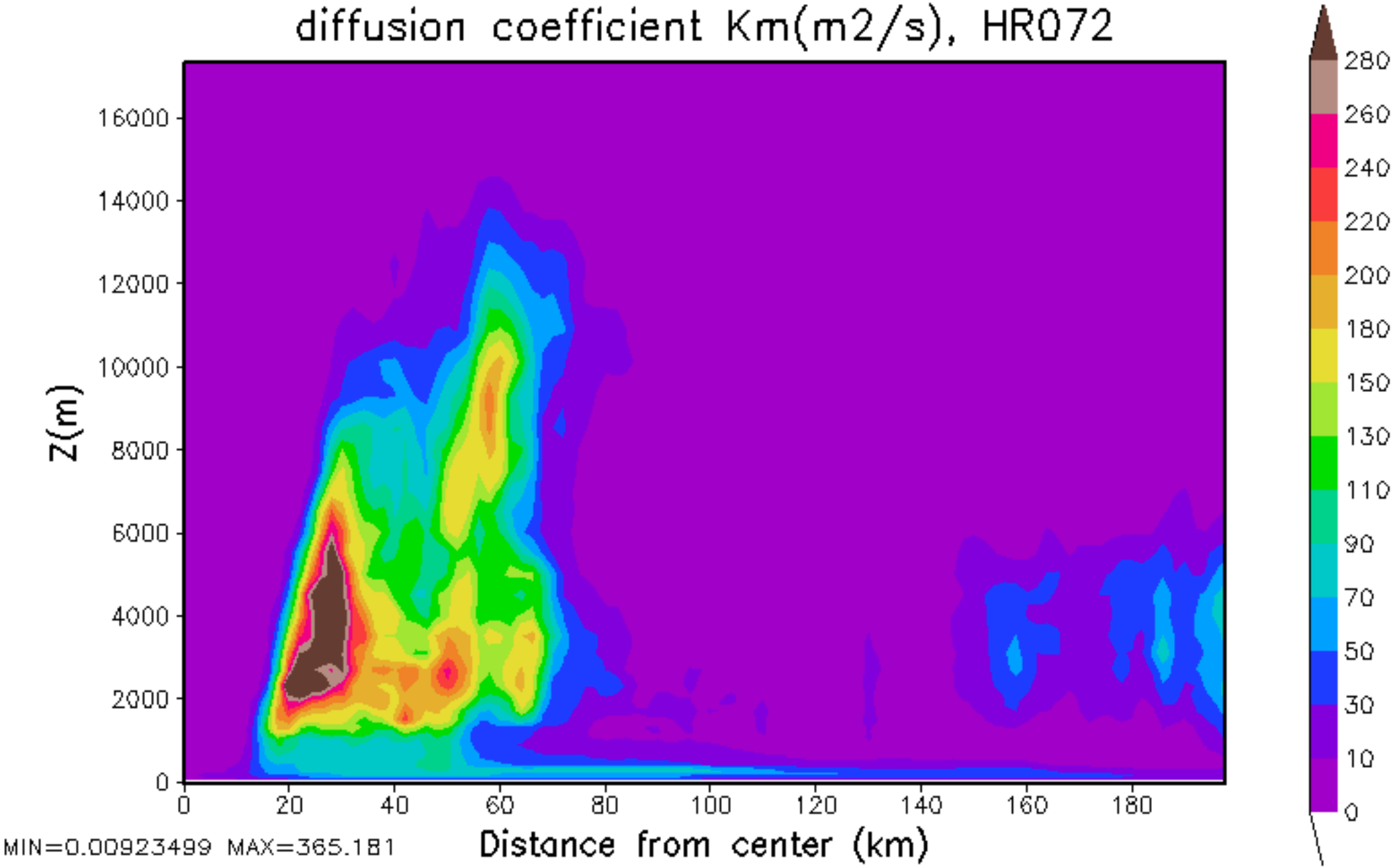
130
110
90
70
50
30
10
0


diffusion coefficient Km(m2/s), 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=0.00923499 MAX=365.181
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260
240
220
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130
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50
30
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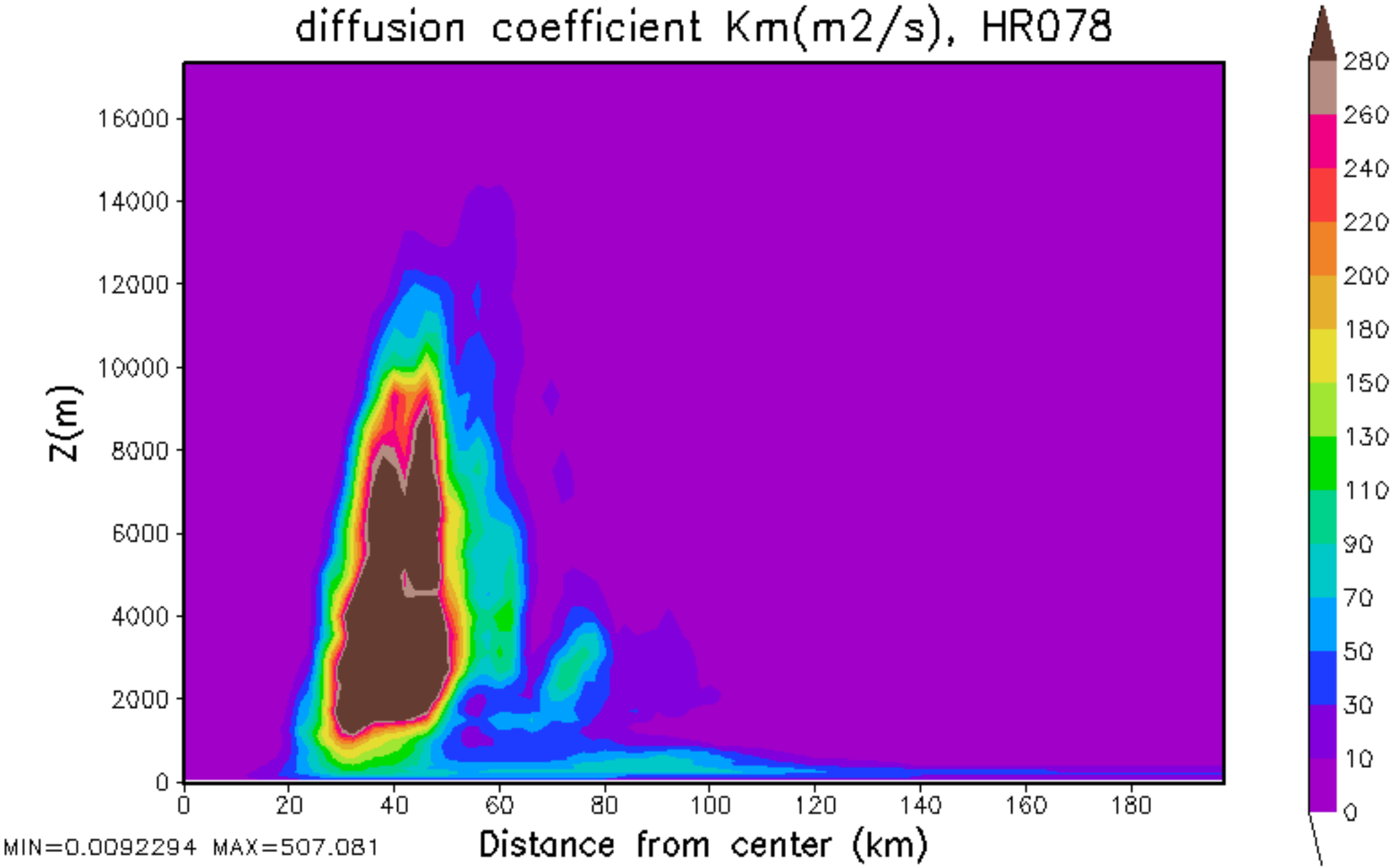
diffusion coefficient Km(m2/s), HR078
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0092294 MAX=507.081
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260
240
220
200
180
150
130
110
90
70
50
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10
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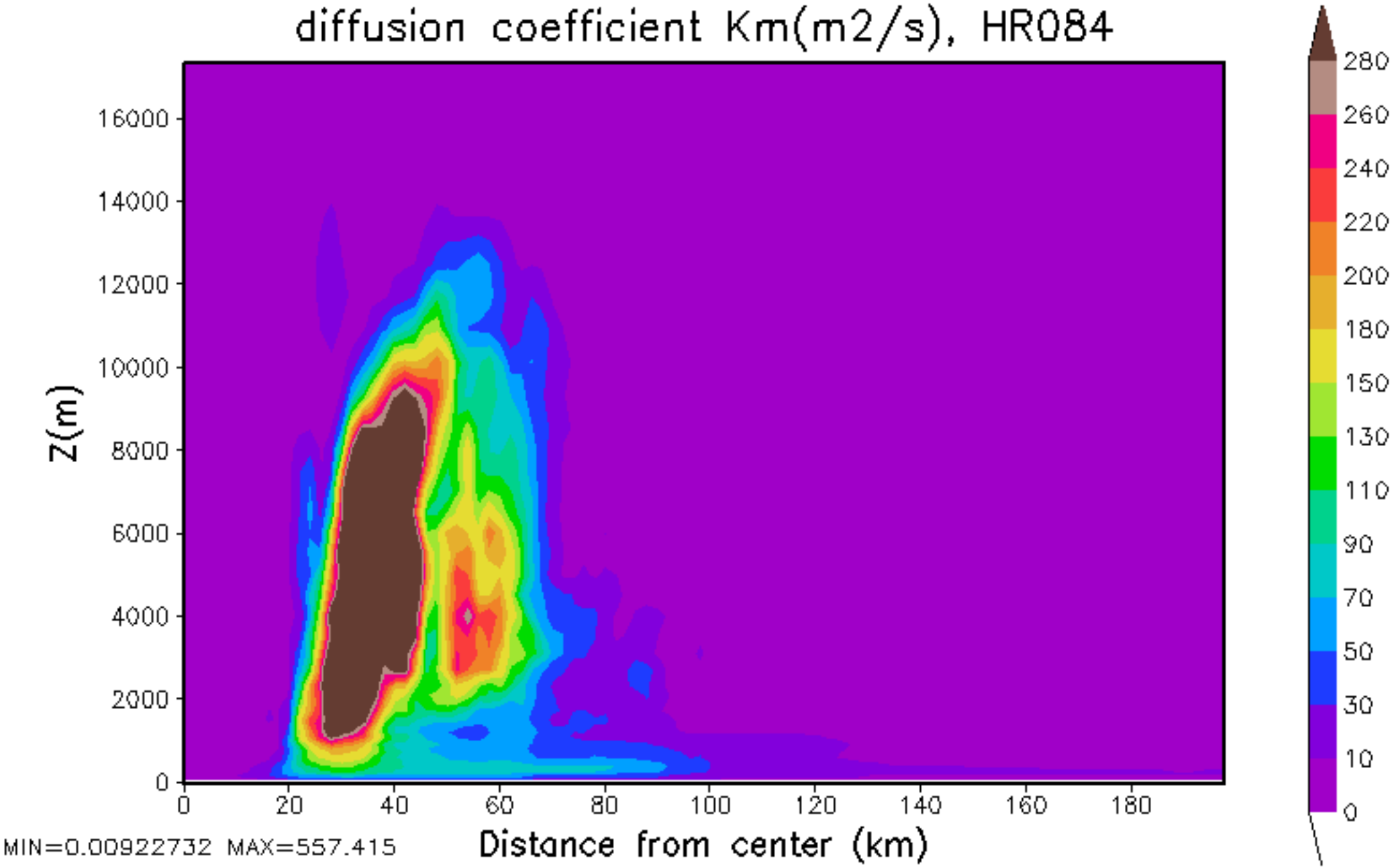
diffusion coefficient Km(m2/s), HR084
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922732 MAX=557.415
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260
240
220
200
180
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130
110
90
70
50
30
10
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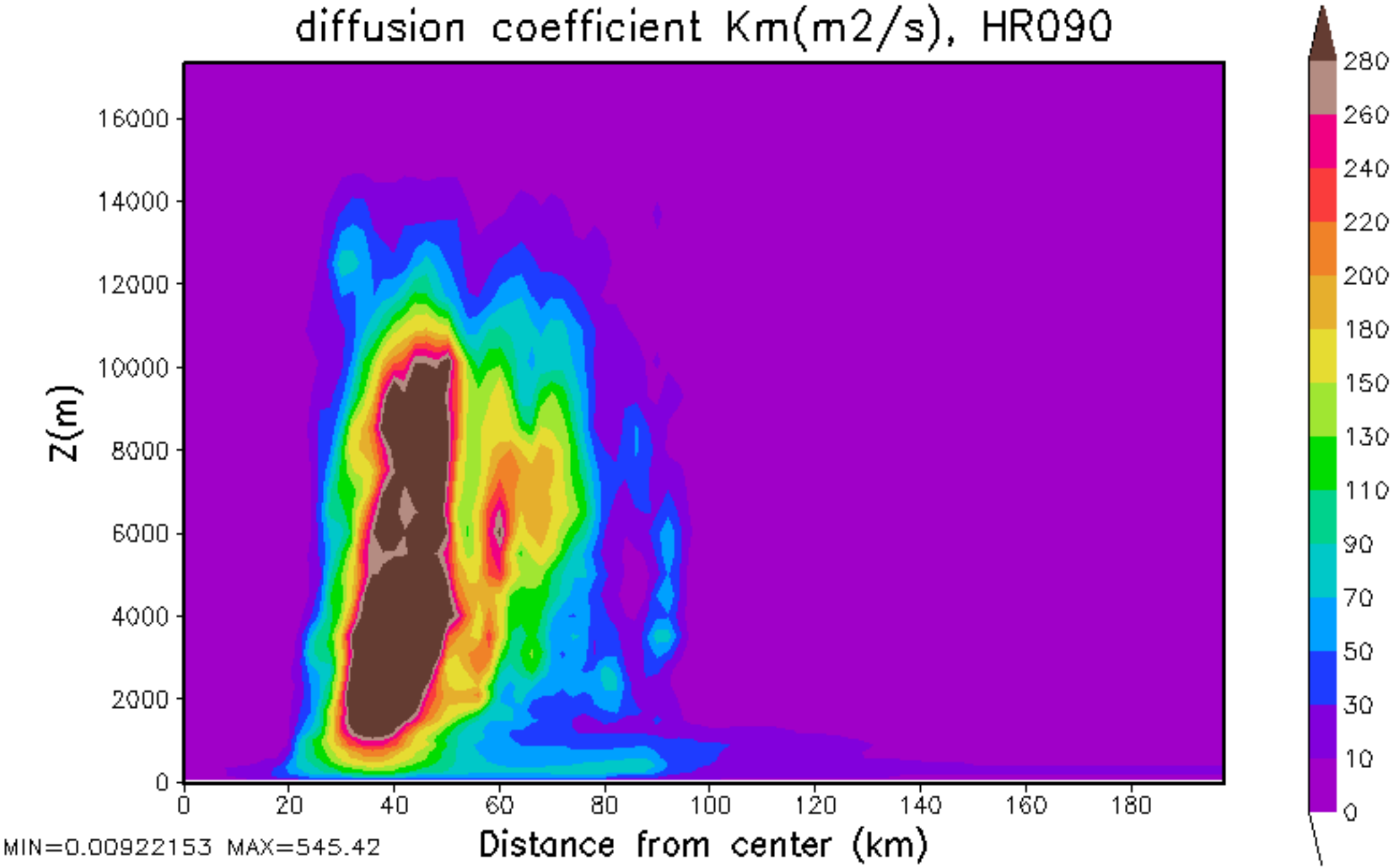
diffusion coefficient Km(m2/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922153 MAX=545.42
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260
240
220
200
180
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130
110
90
70
50
30
10
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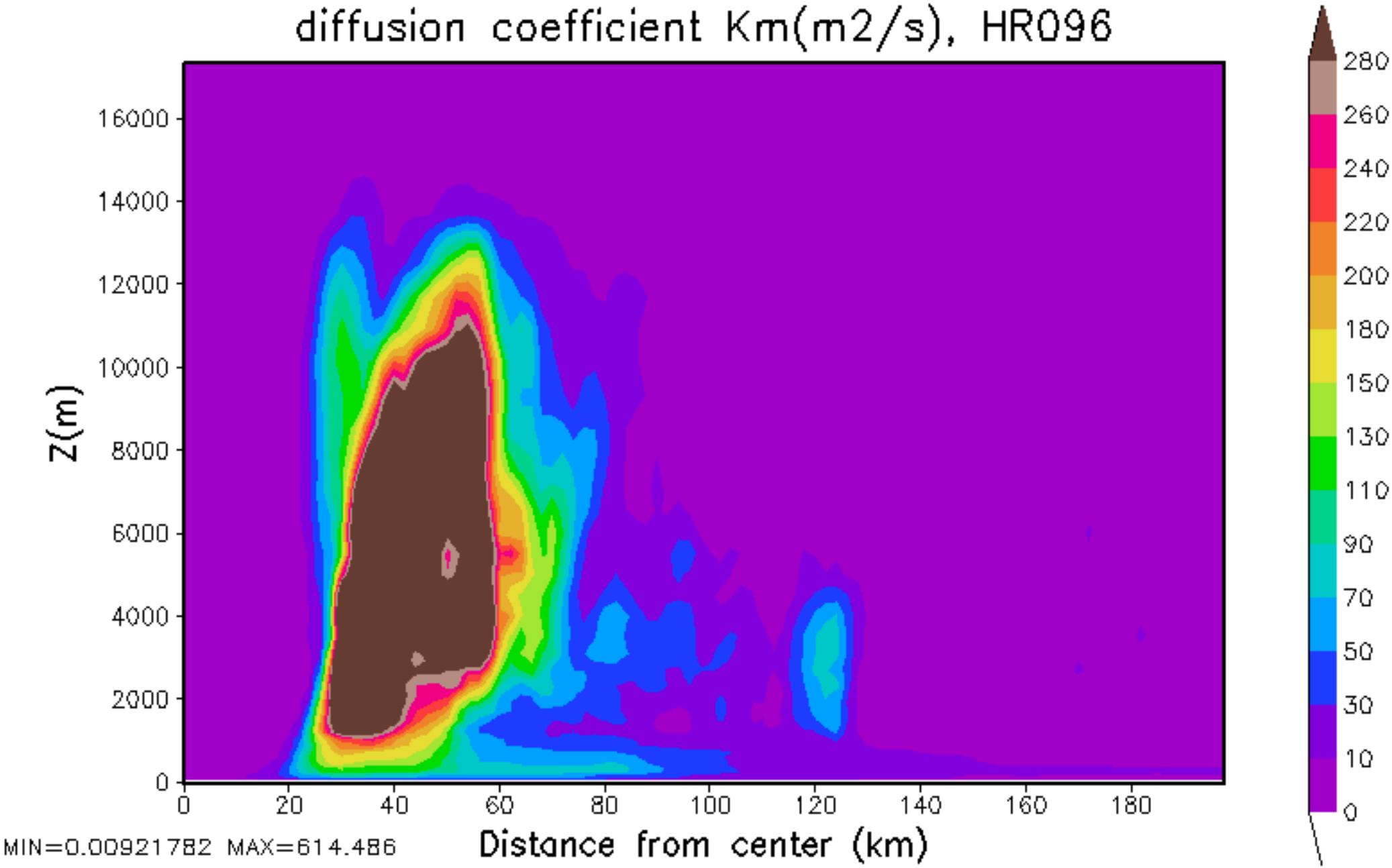
diffusion coefficient Km(m2/s), HR096
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00921782 MAX=614.486
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260
240
220
200
180
150
130
110
90
70
50
30
10
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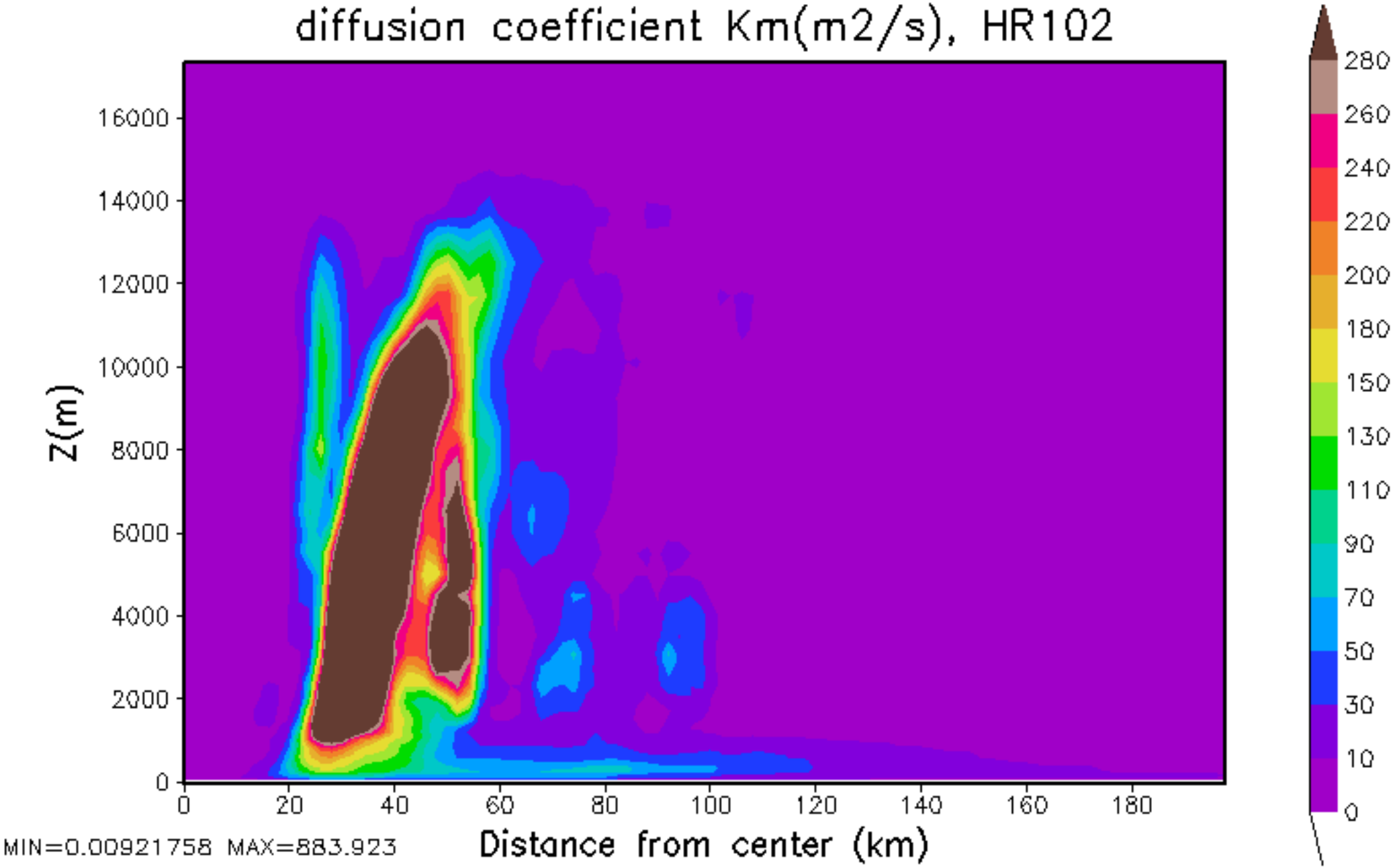
diffusion coefficient Km(m2/s), HR102
Z(m)
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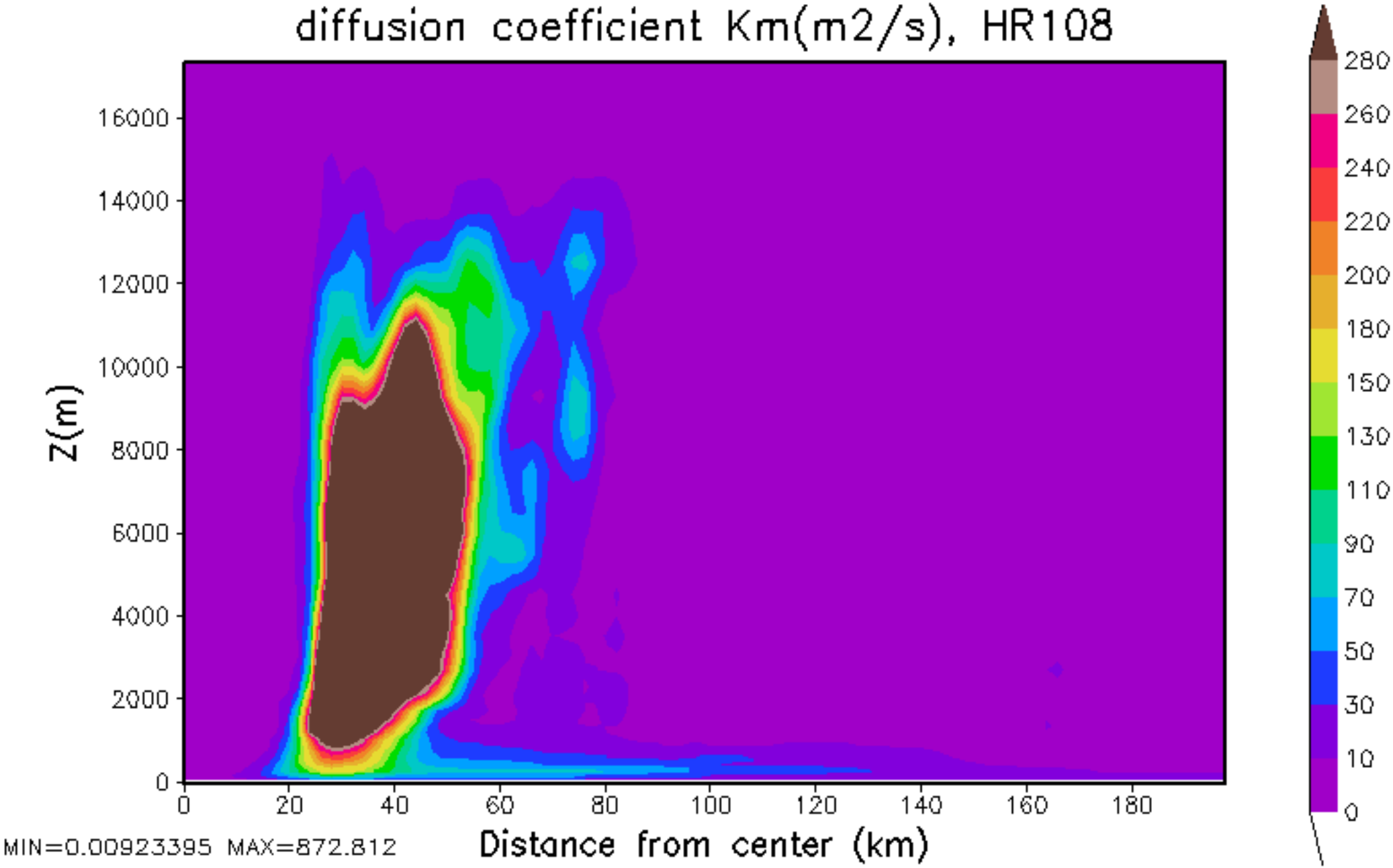
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00921758 MAX=883.923
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


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=0.00923395 MAX=872.812
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260
240
220
200
180
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130
110
90
70
50
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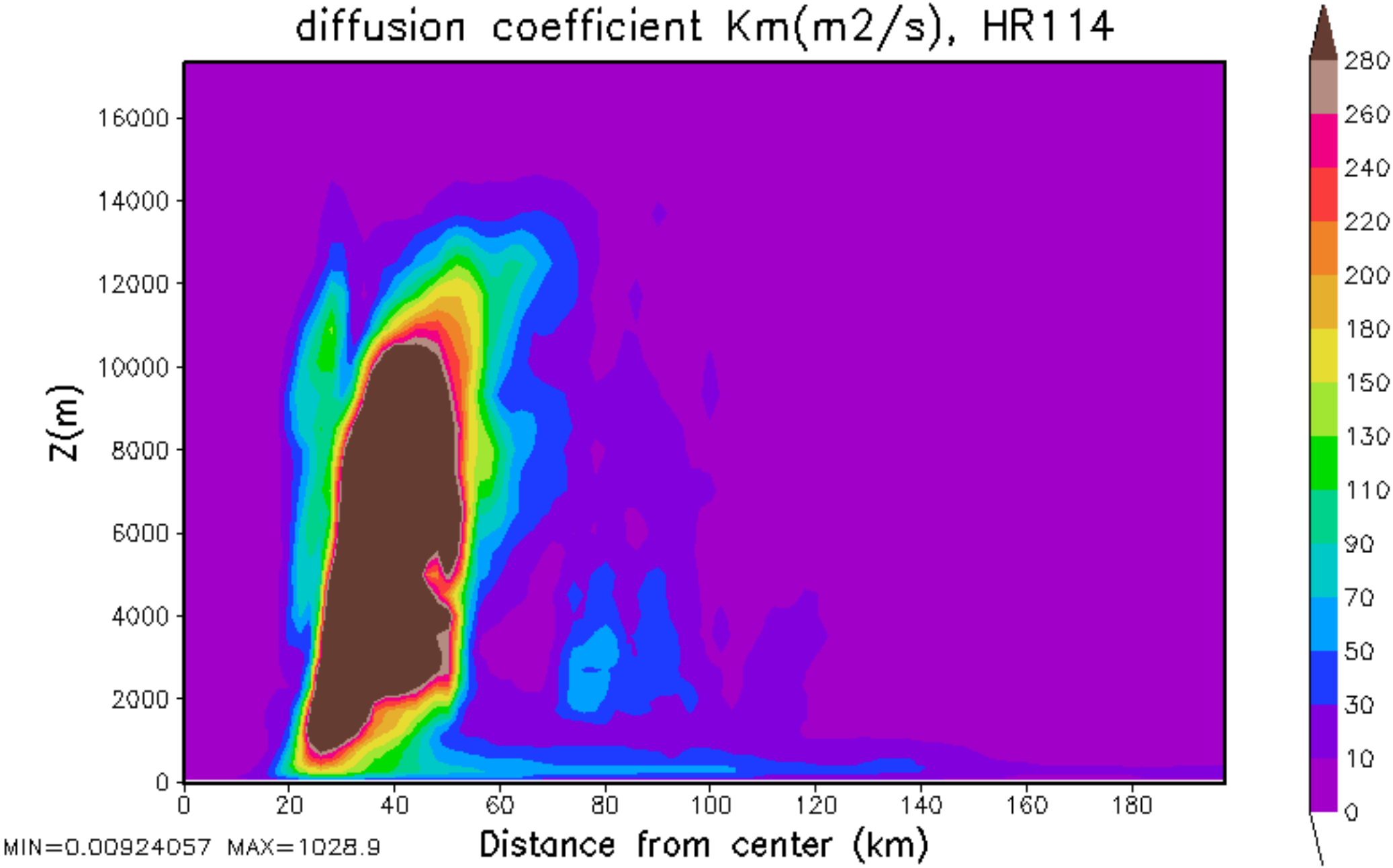
10
0


diffusion coefficient Km(m2/s), HR114
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=0.00924057 MAX=1028.9
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260
240
220
200
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130
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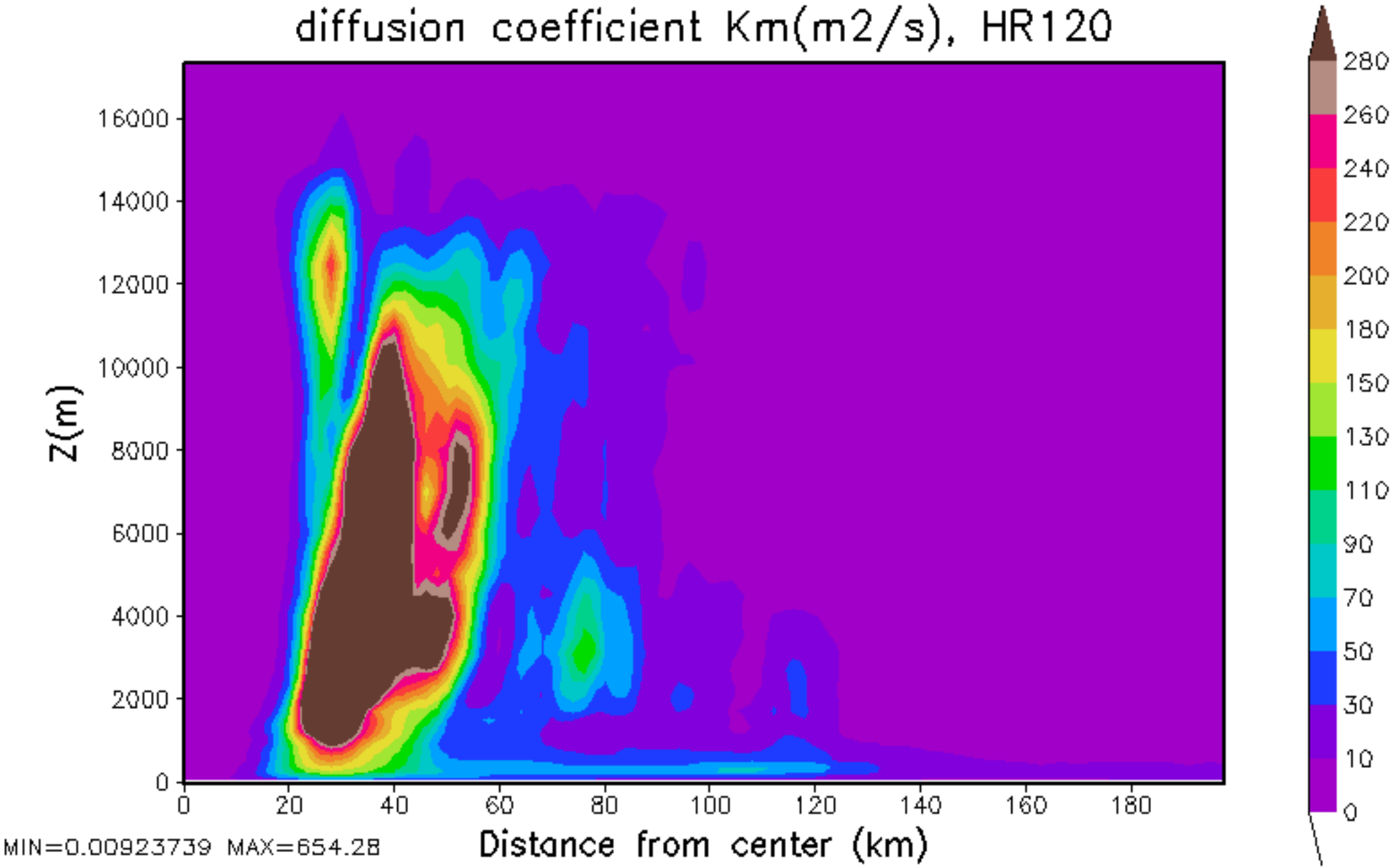
90
70
50
30
10
0


diffusion coefficient Km(m2/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=0.00923739 MAX=654.28
280
260
240
220
200
180
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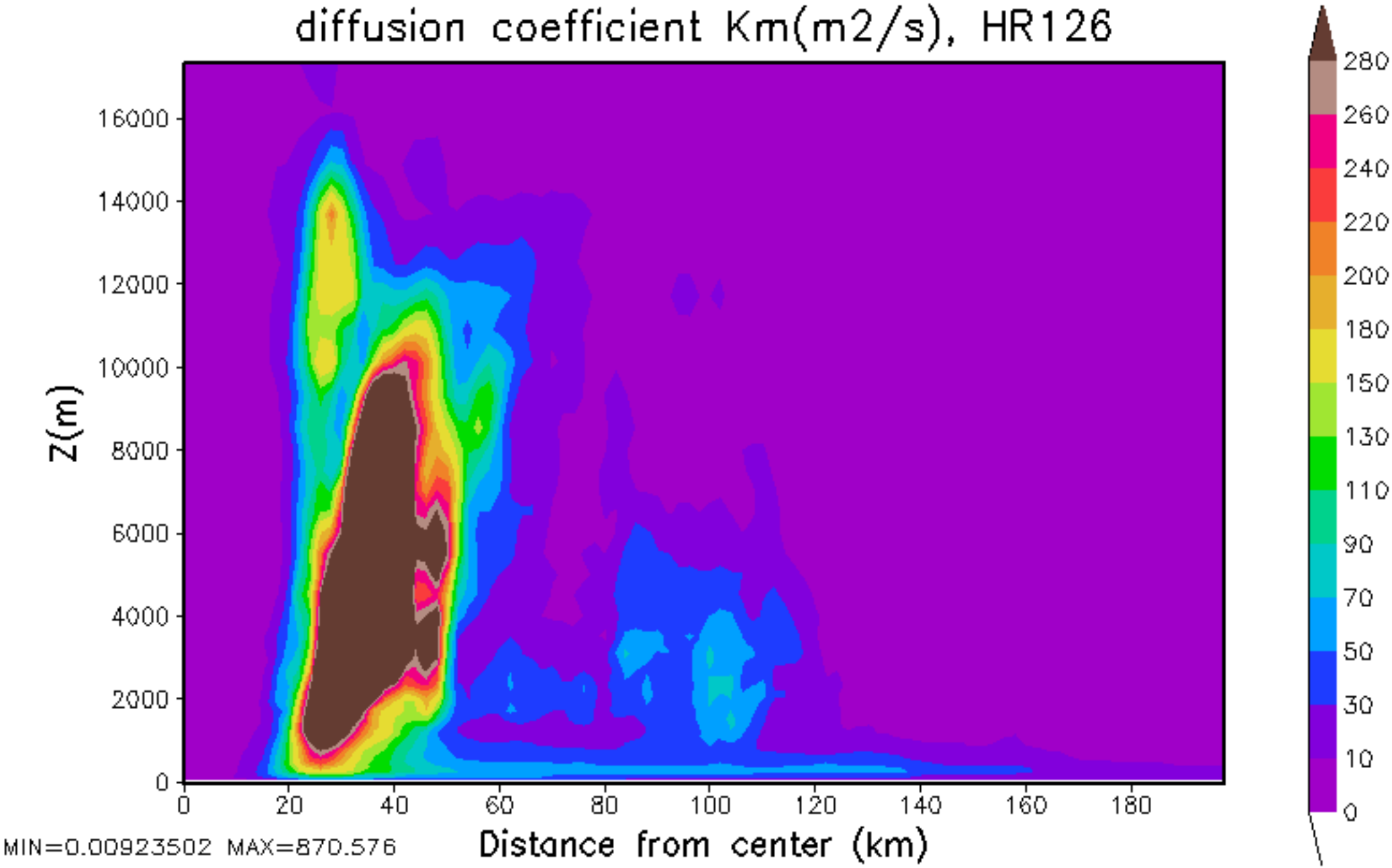
130
110
90
70
50
30
10
0


diffusion coefficient Km(m2/s), HR126
Z(m)
16000
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=0.00923502 MAX=870.576
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260
240
220
200
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130
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90
70
50
30
10
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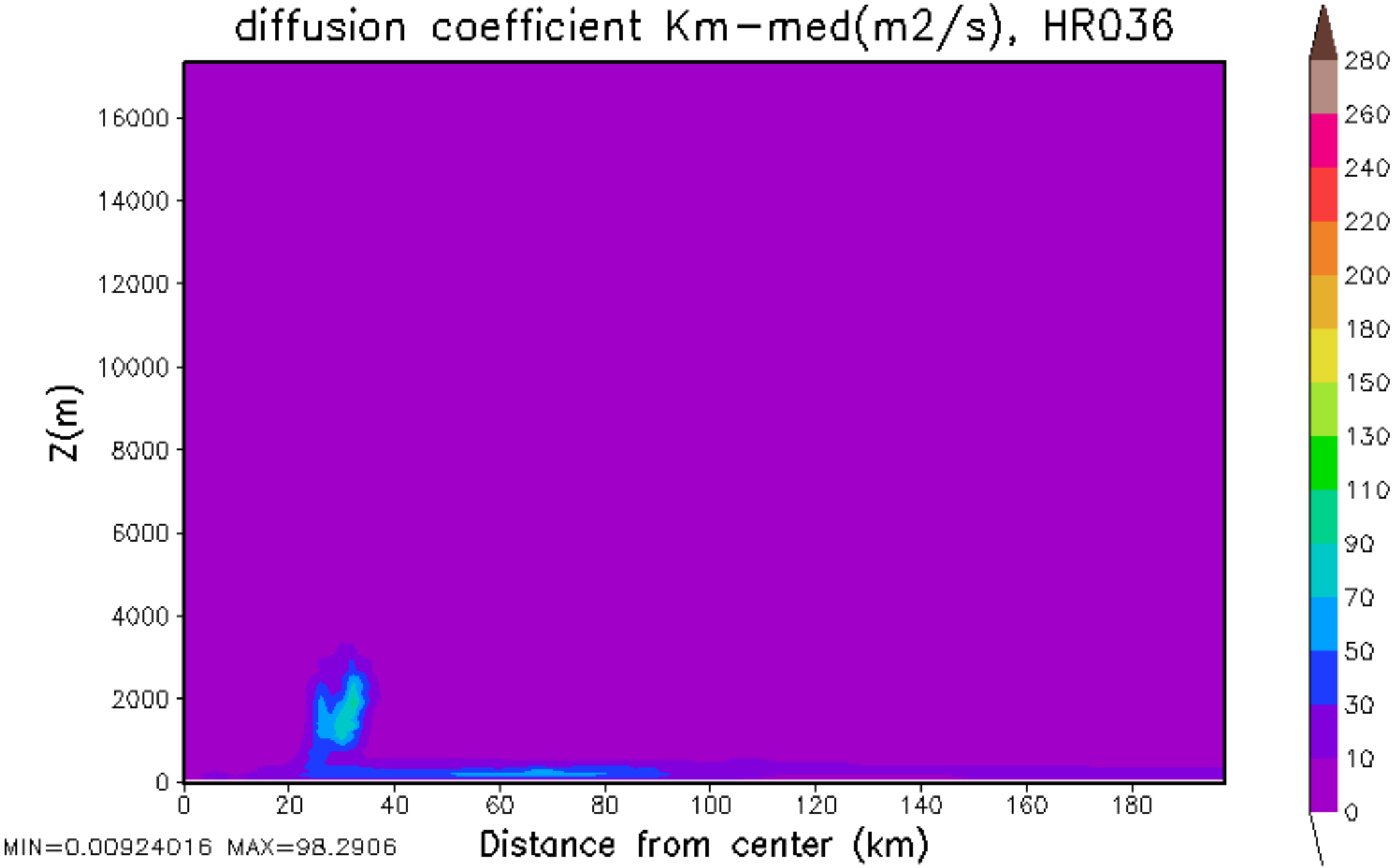
diffusion coefficient Km-med(m2/s), HR036
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924016 MAX=98.2906
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260
240
220
200
180
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130
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90
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50
30
10
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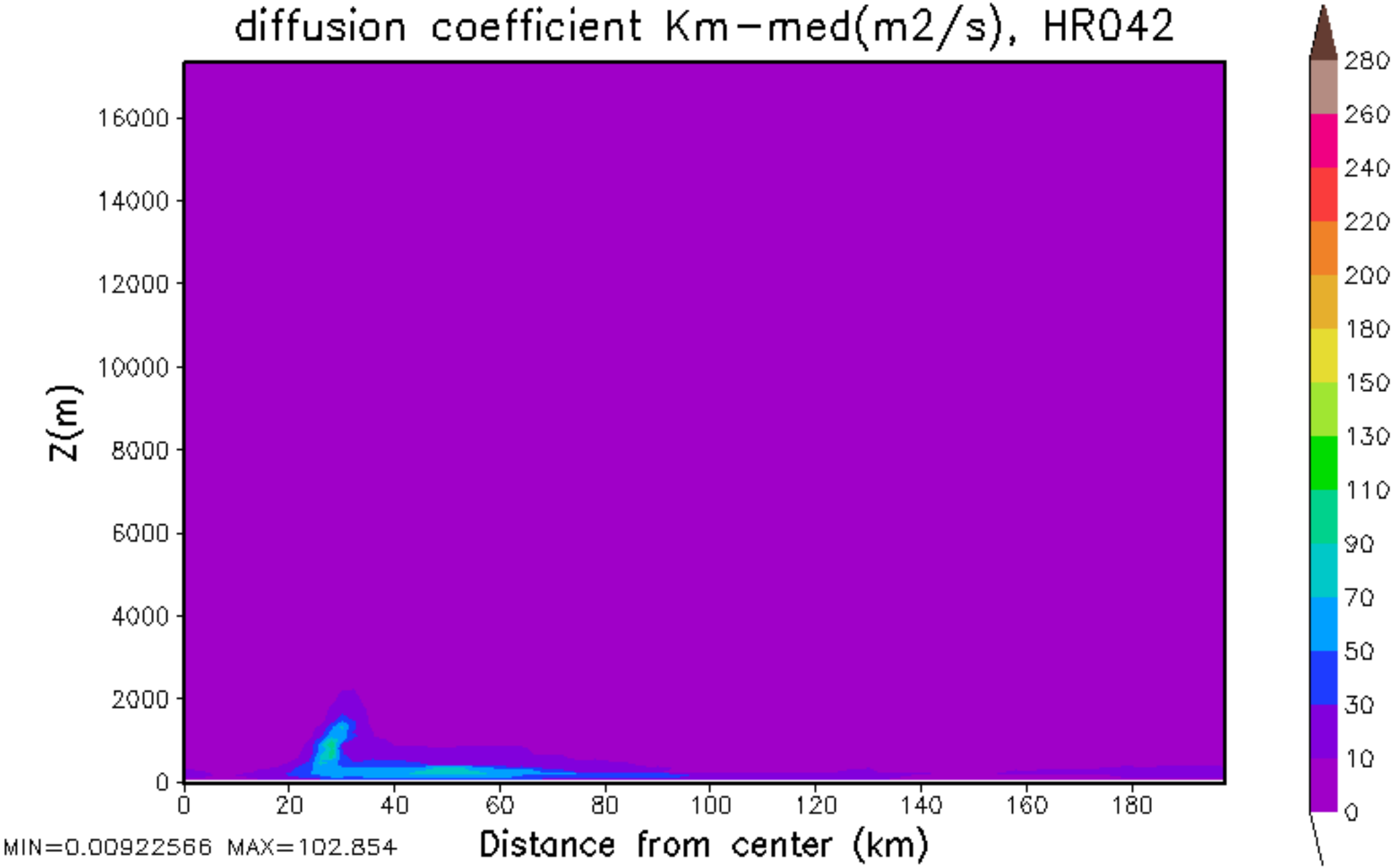
diffusion coefficient Km-med(m2/s), HR042
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922566 MAX=102.854
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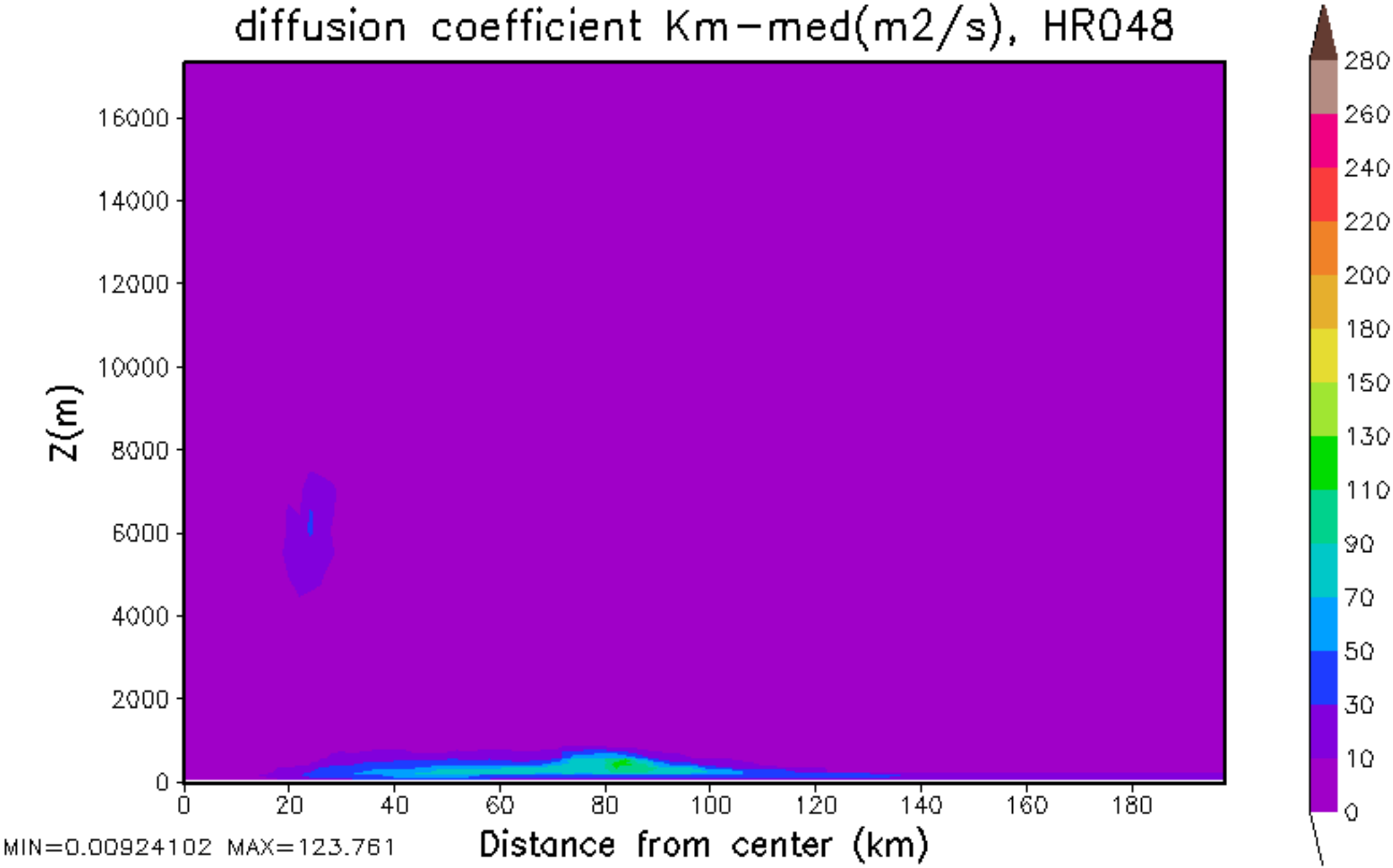
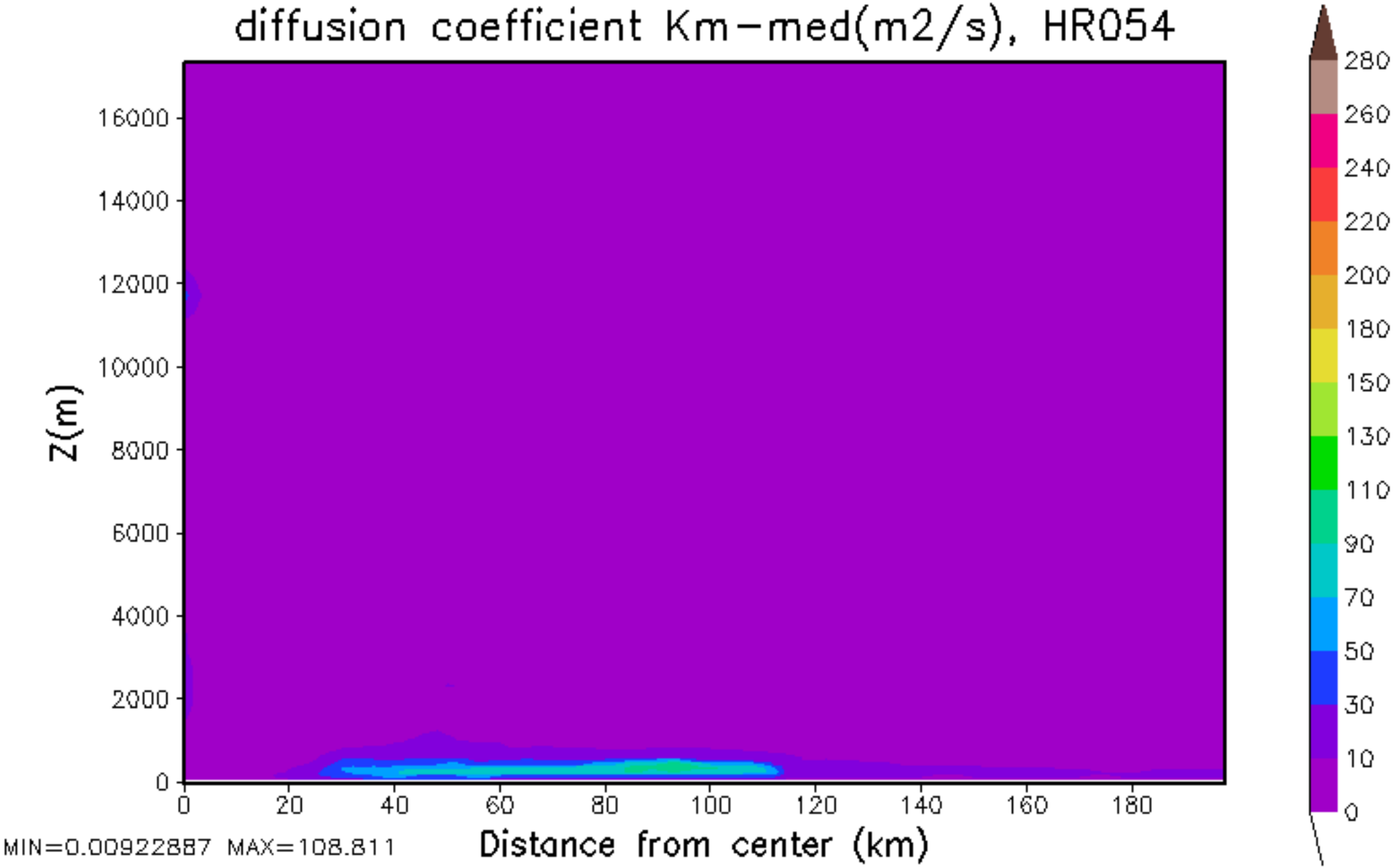
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/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=0.00924102 MAX=123.761
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/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=0.00922887 MAX=108.811
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260
240
220
200
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130
110
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50
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10
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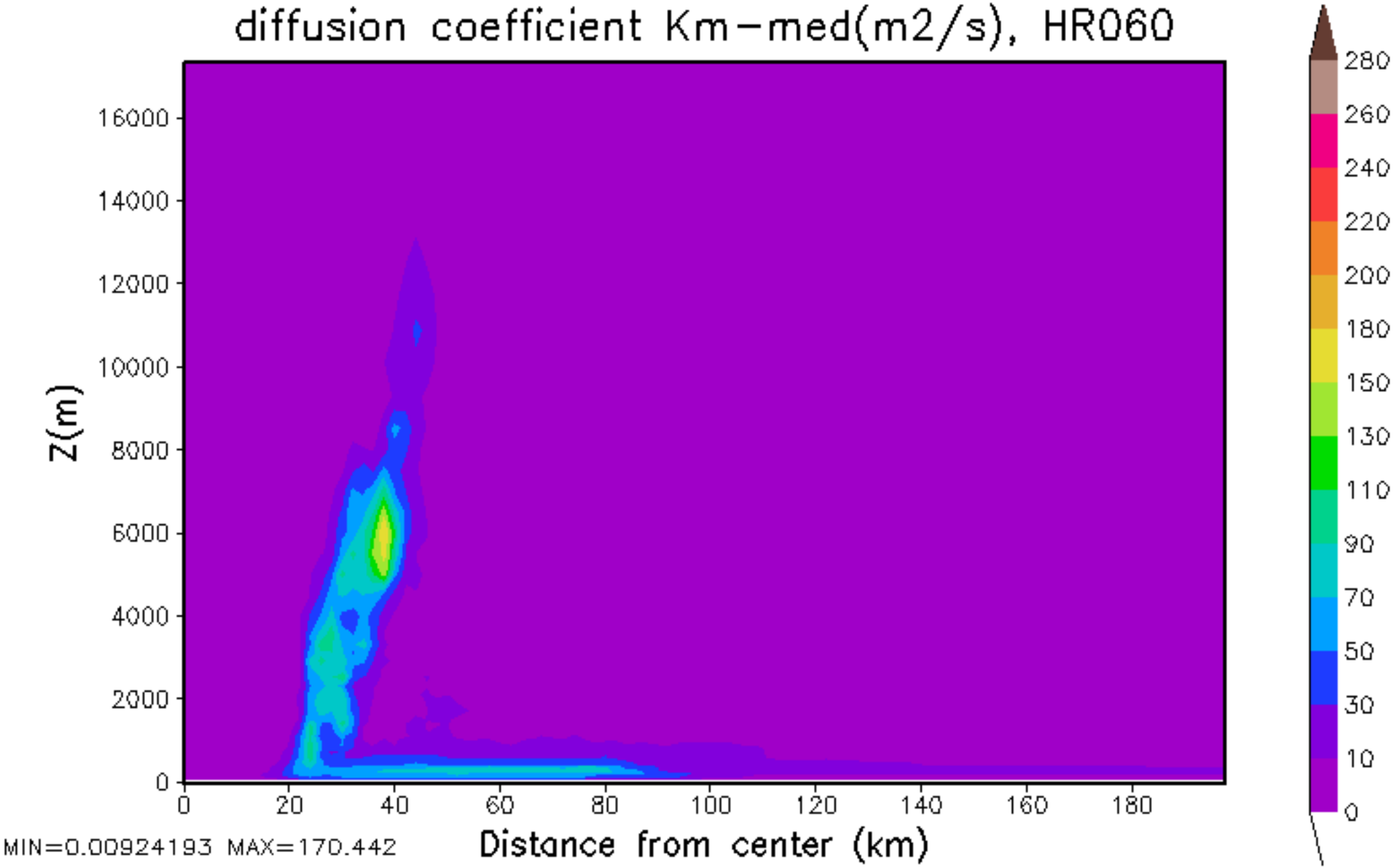
diffusion coefficient Km-med(m2/s), HR060
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924193 MAX=170.442
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260
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220
200
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130
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50
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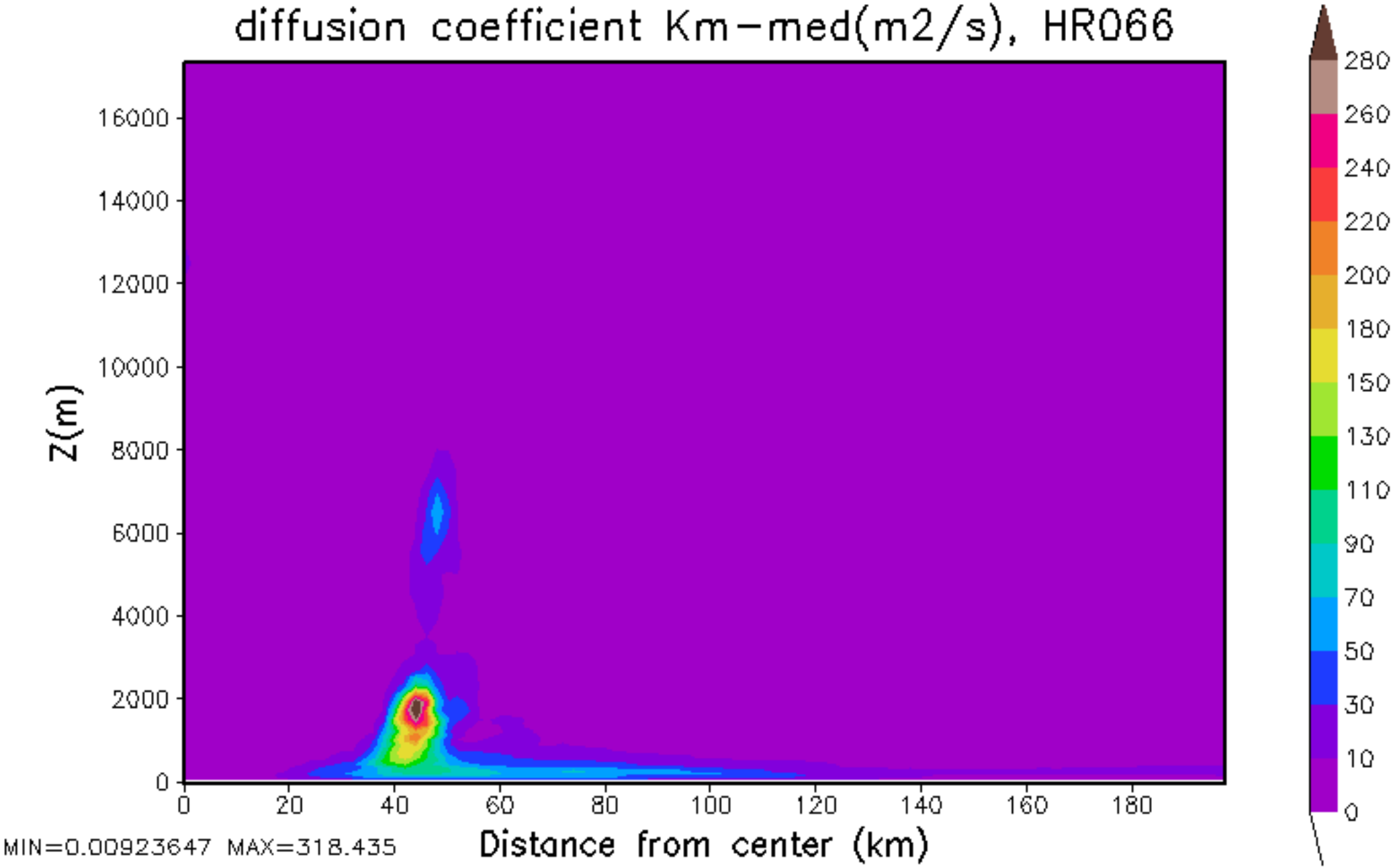
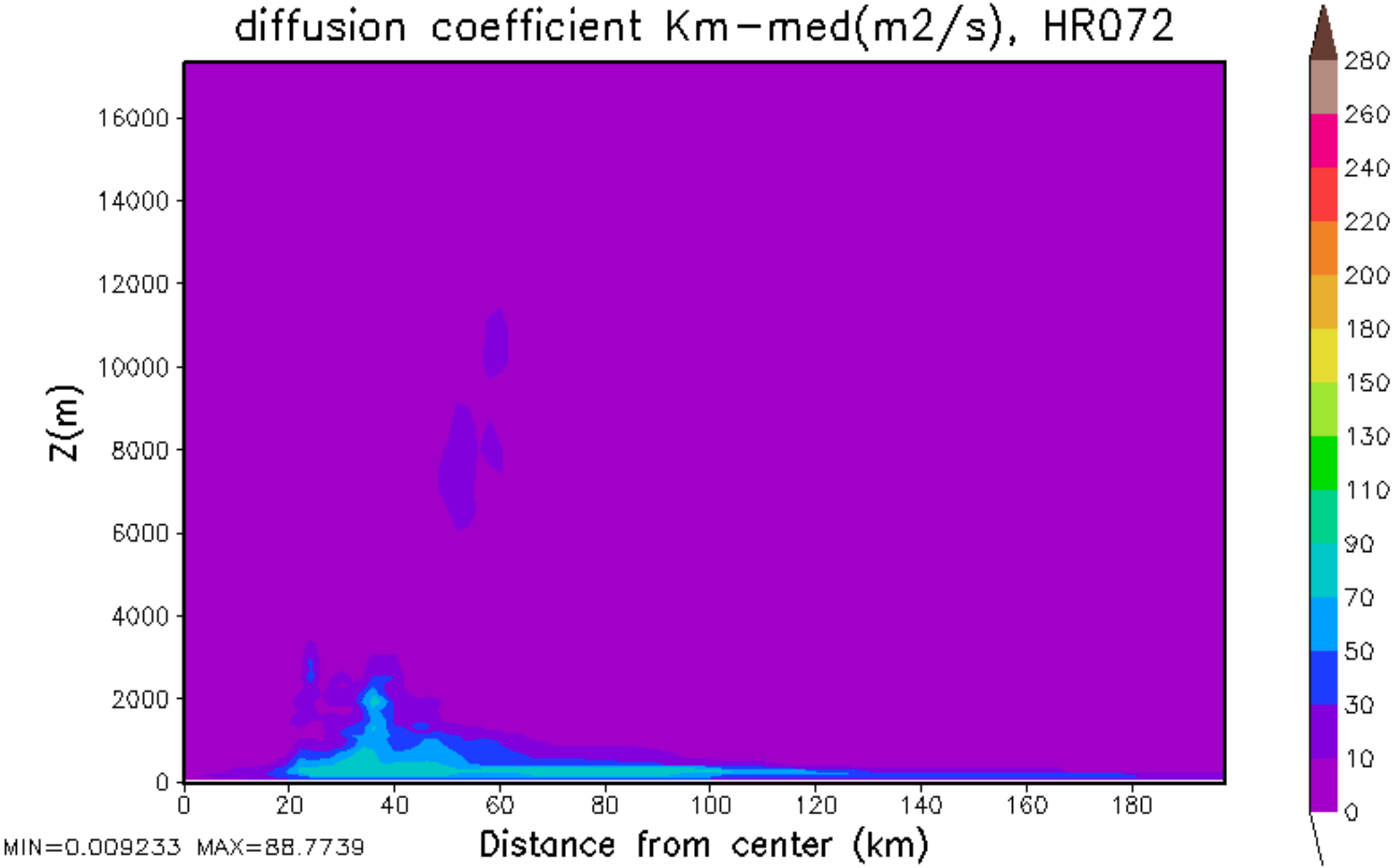
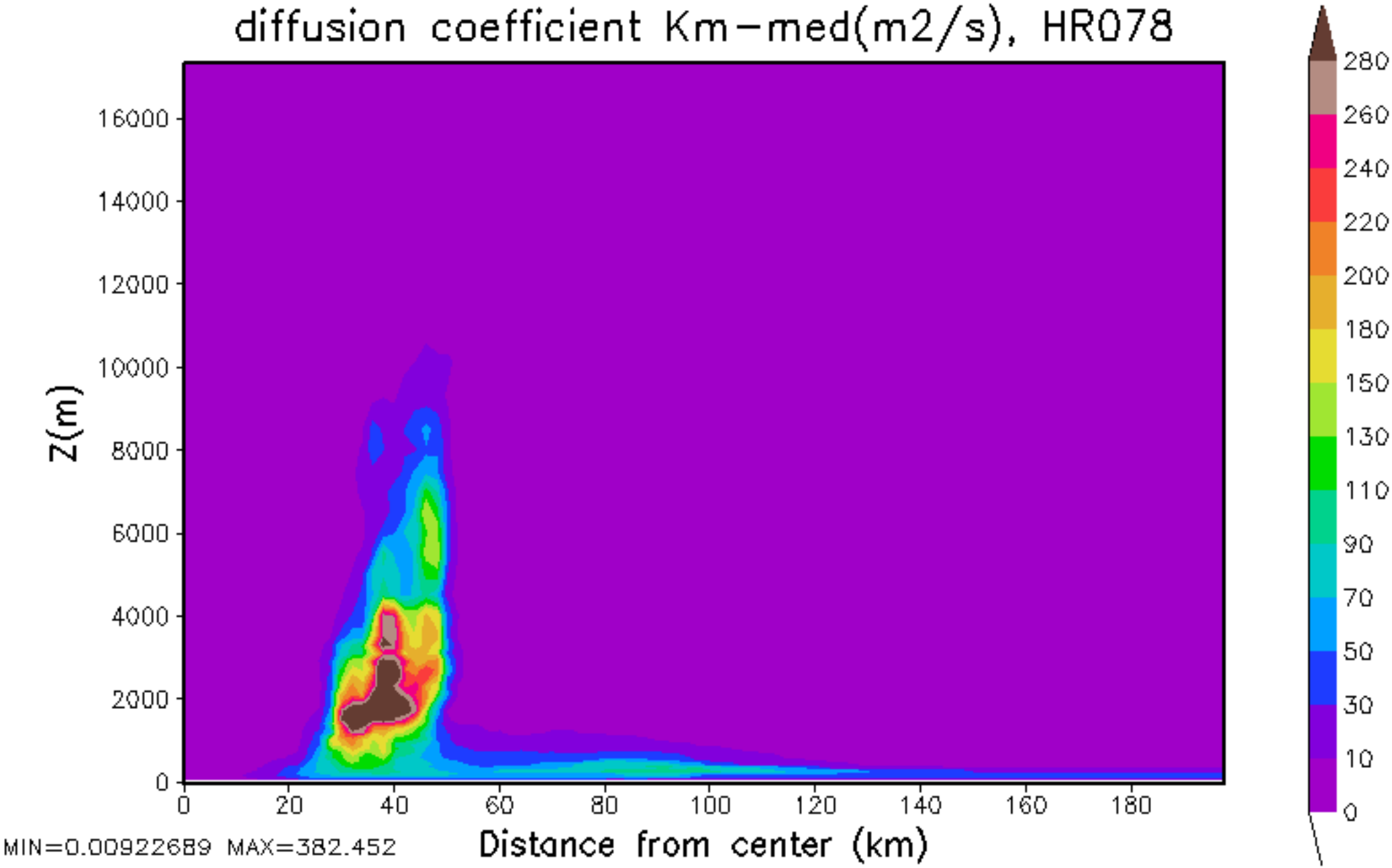
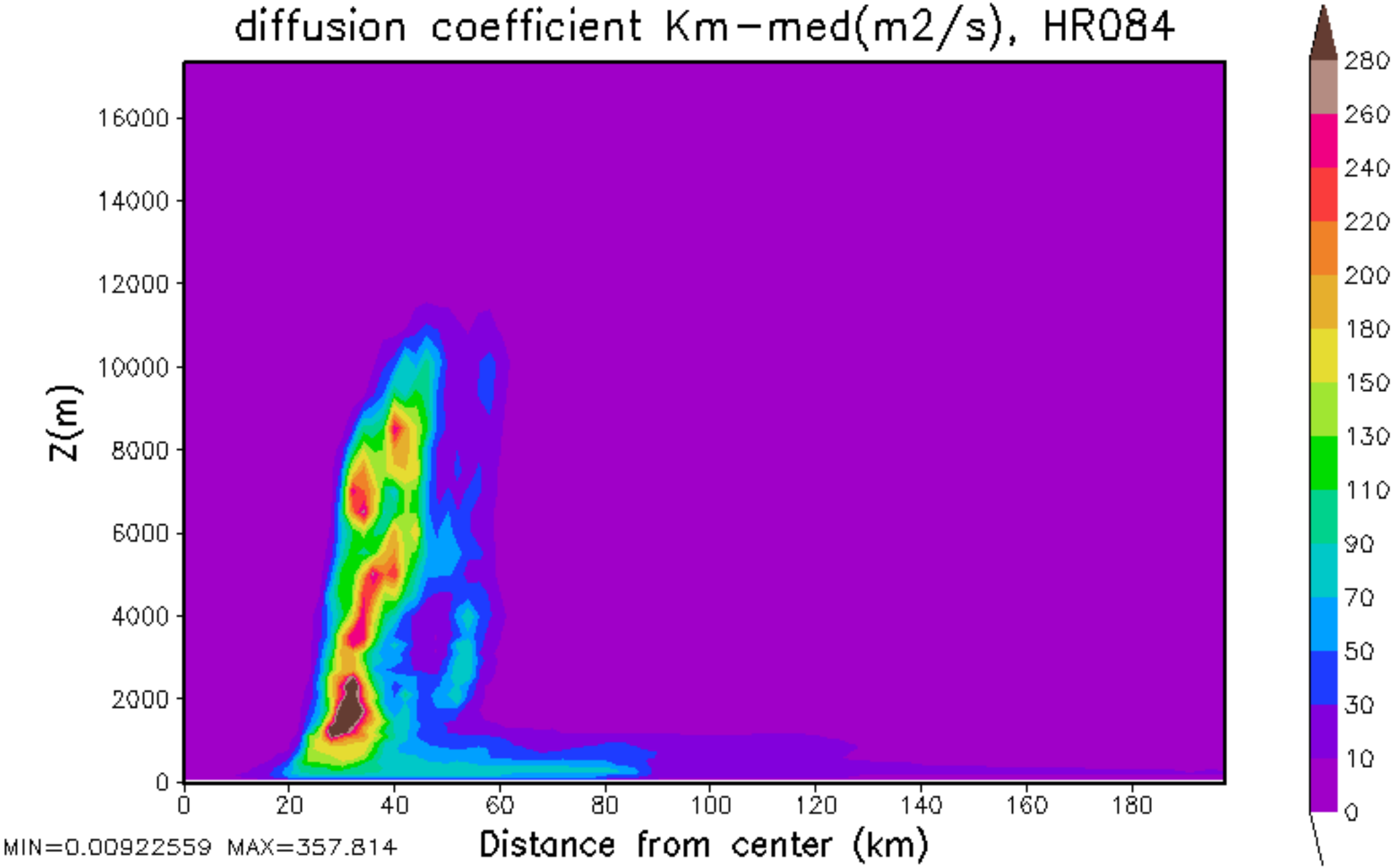
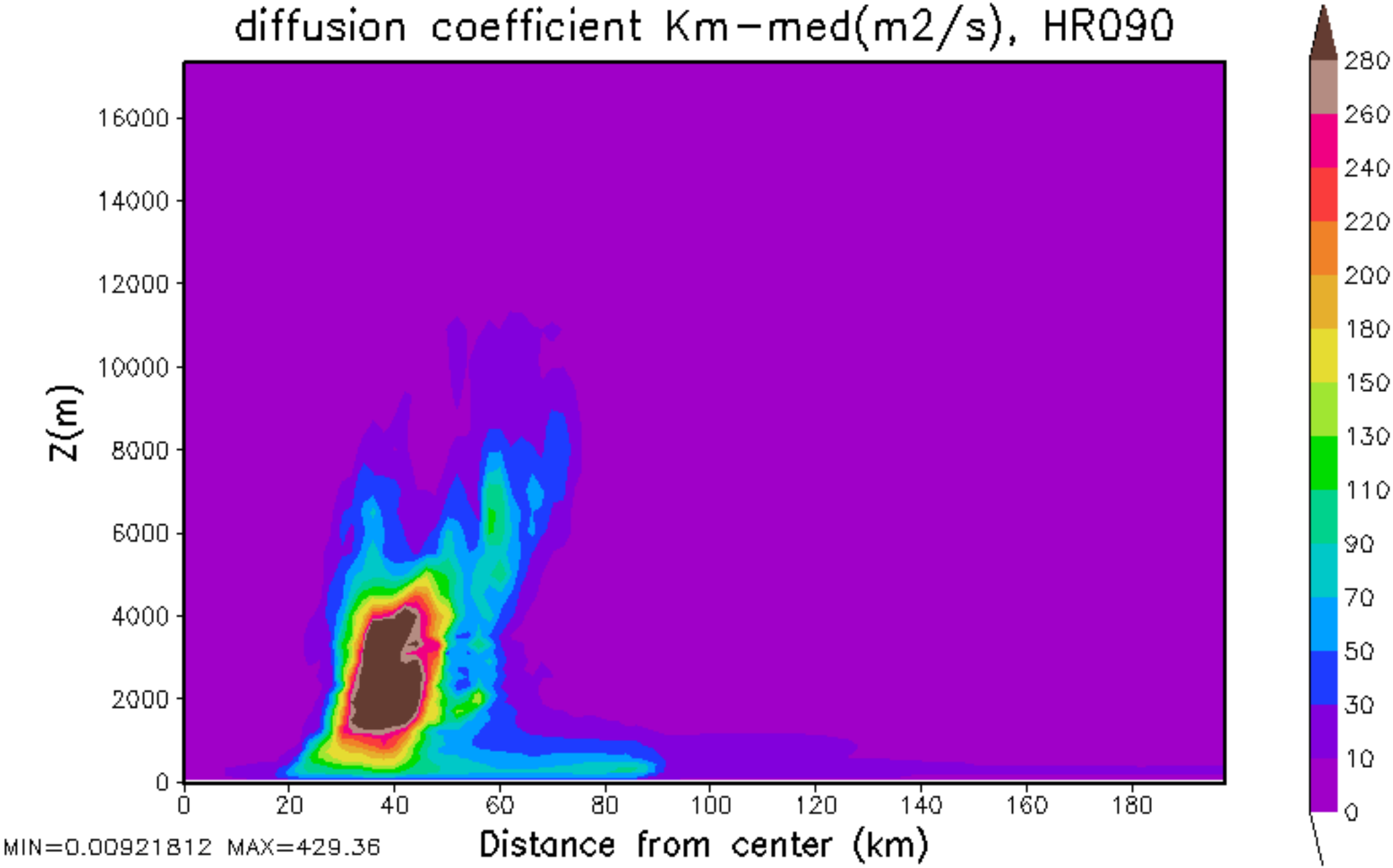
10
0

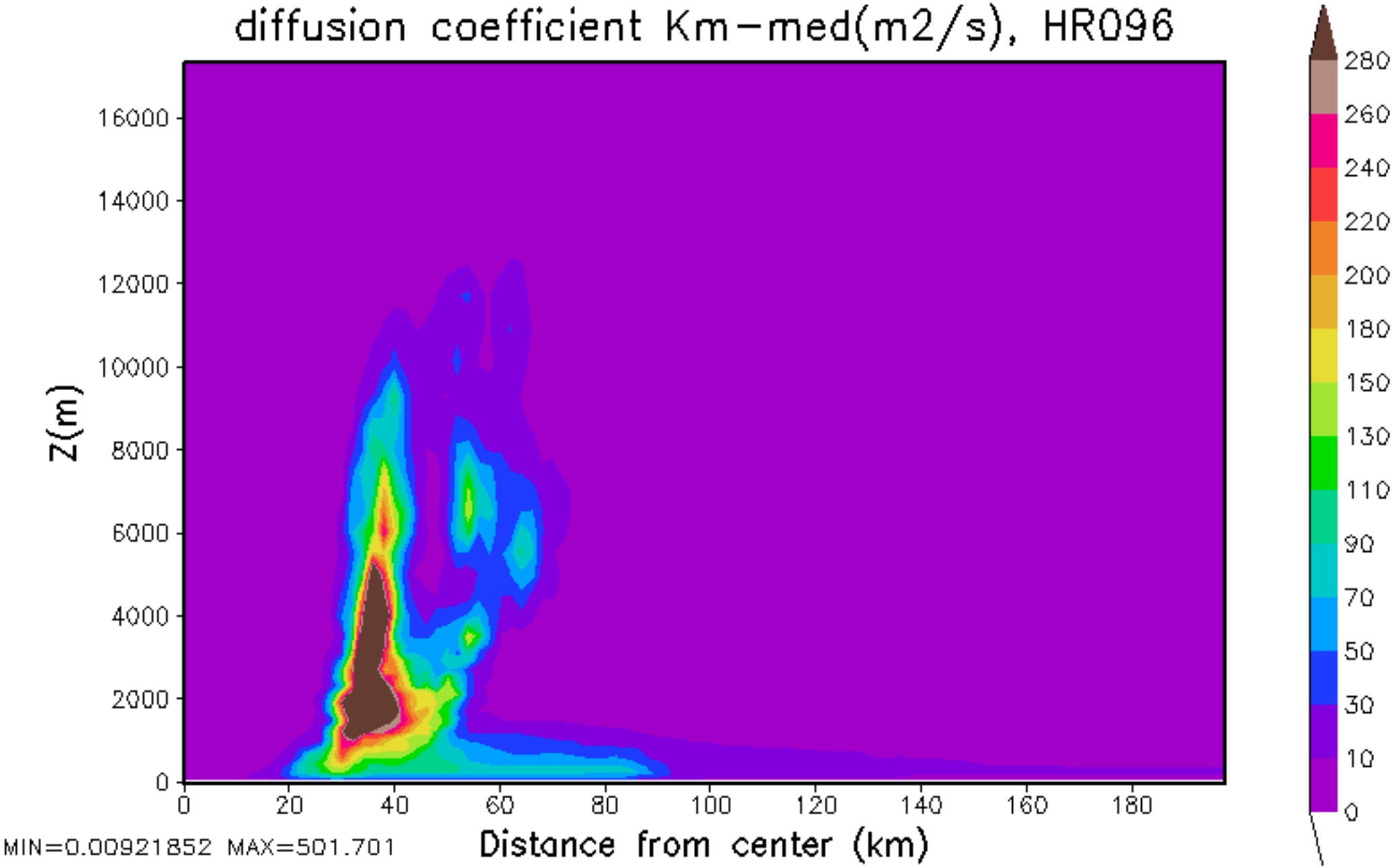

diffusion coefficient Km-med(m2/s), HR066
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923647 MAX=318.435
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

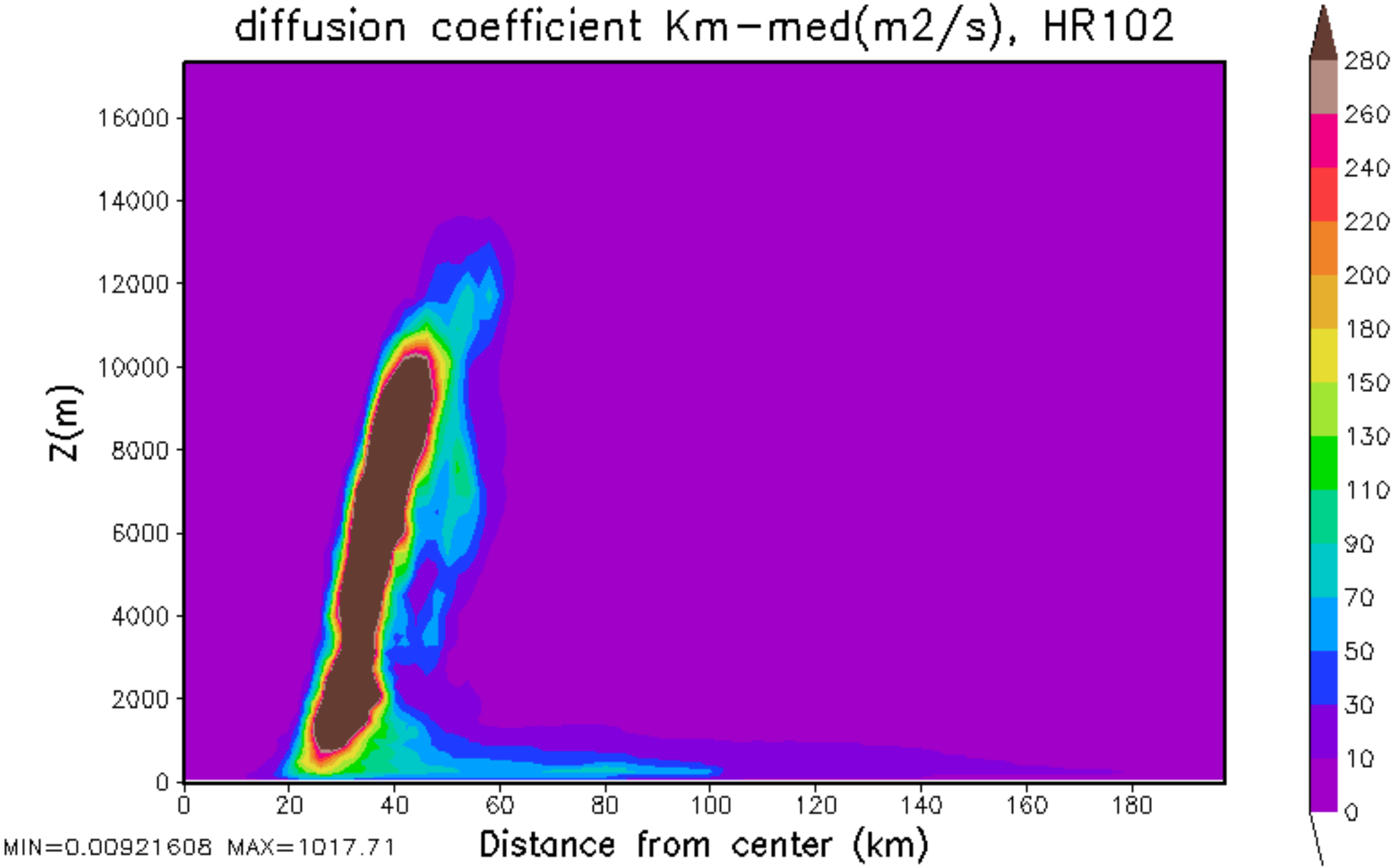

diffusion coefficient Km-med(m2/s), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.009233 MAX=88.7739
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0

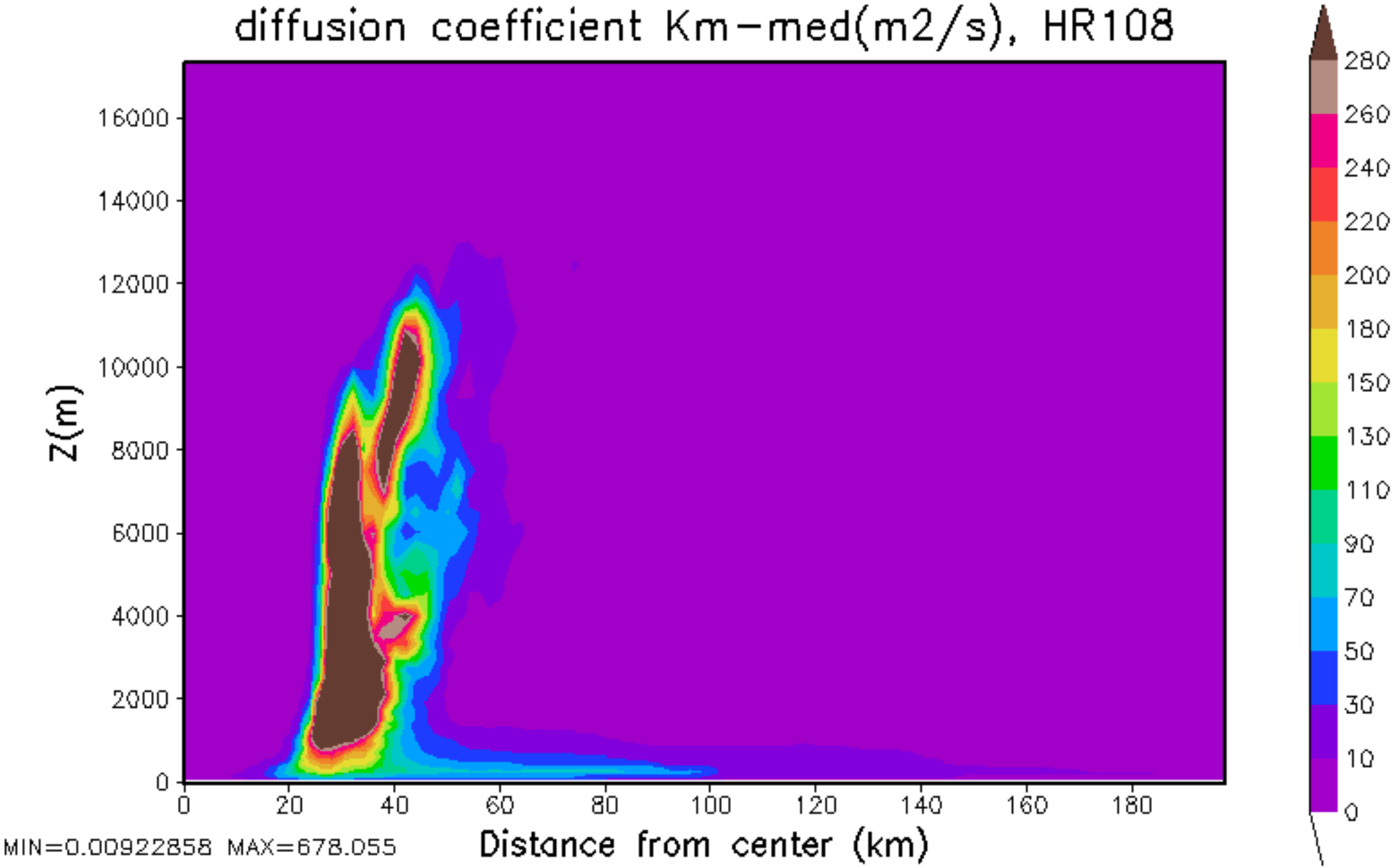

diffusion coefficient Km-med(m2/s), HR078
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922689 MAX=382.452
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/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=0.00922559 MAX=357.814
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


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=0.00921812 MAX=429.36
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/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=0.00921852 MAX=501.701
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/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=0.00921608 MAX=1017.71
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/s), HR108
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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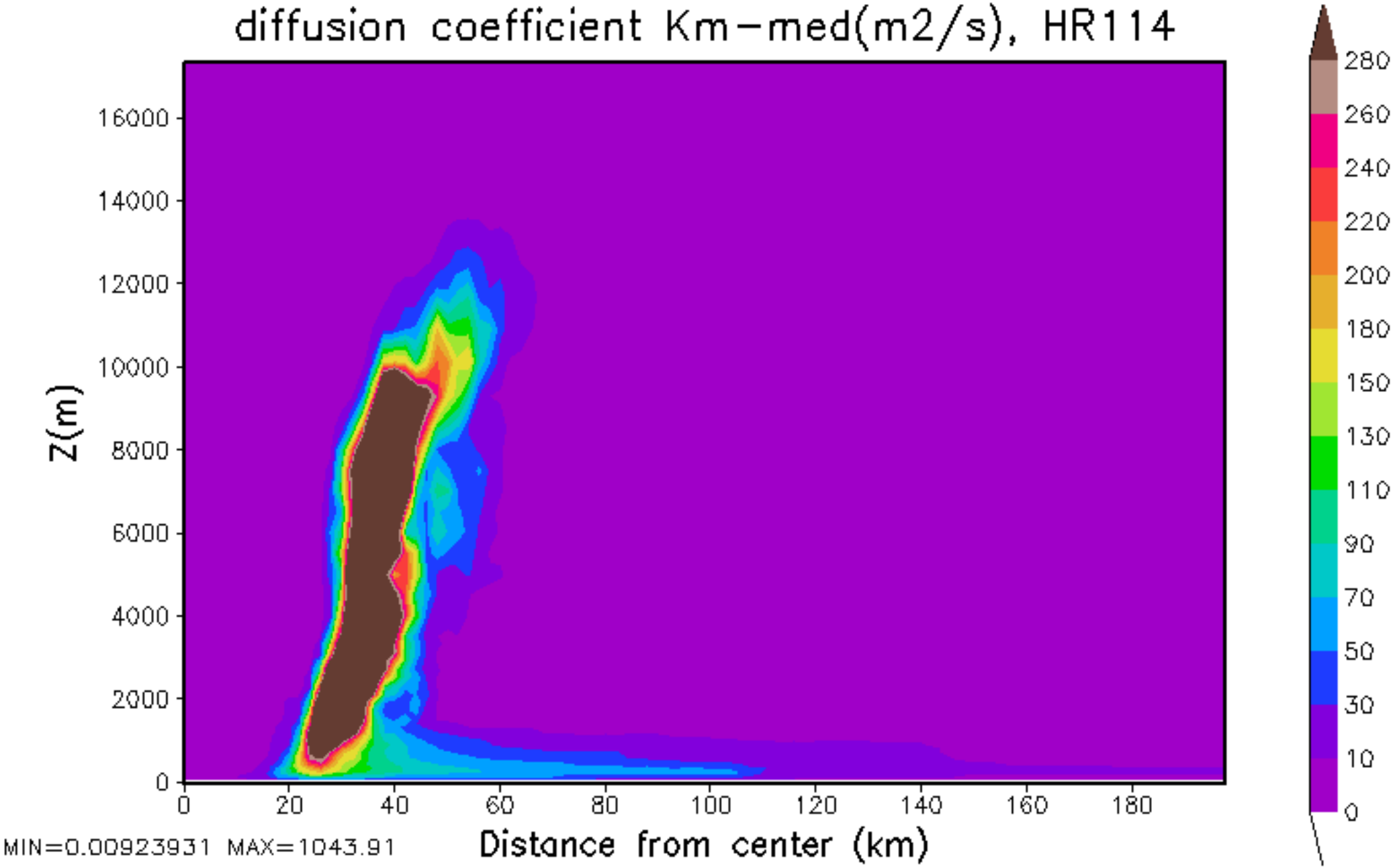
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922858 MAX=678.055
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/s), HR114
Z(m)
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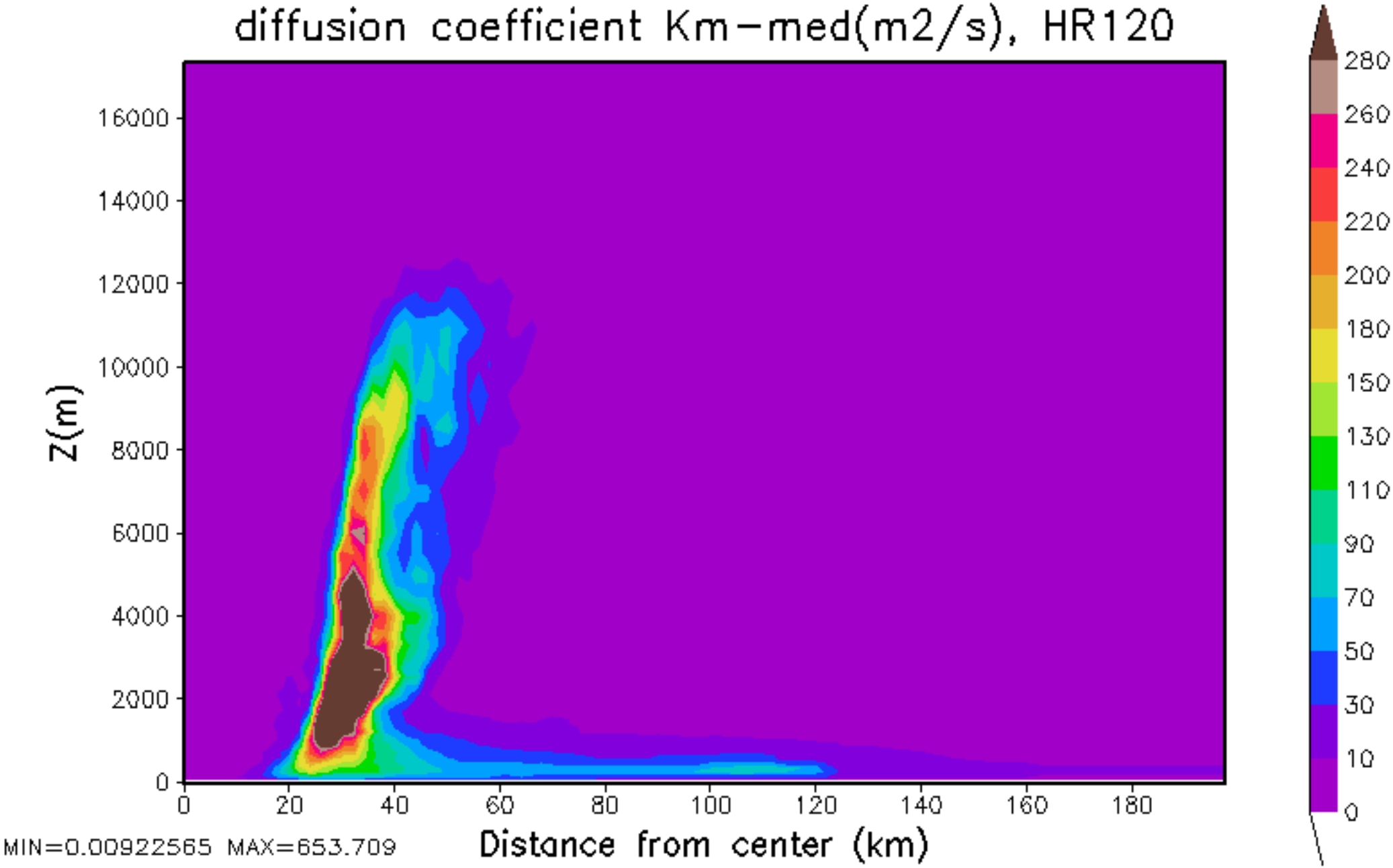
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923931 MAX=1043.91
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/s), HR120
Z(m)
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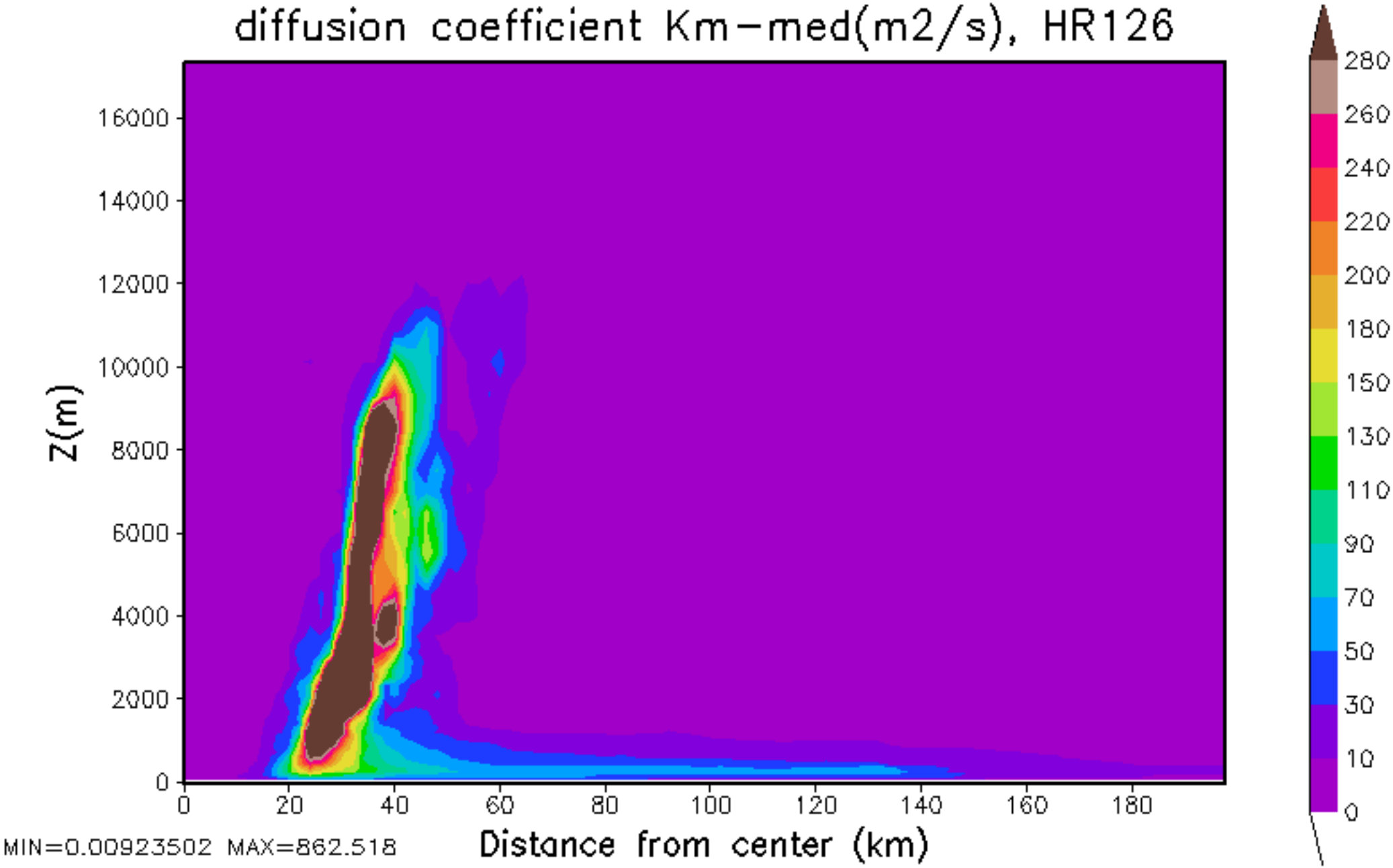
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922565 MAX=653.709
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


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=0.00923502 MAX=862.518
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260
240
220
200
180
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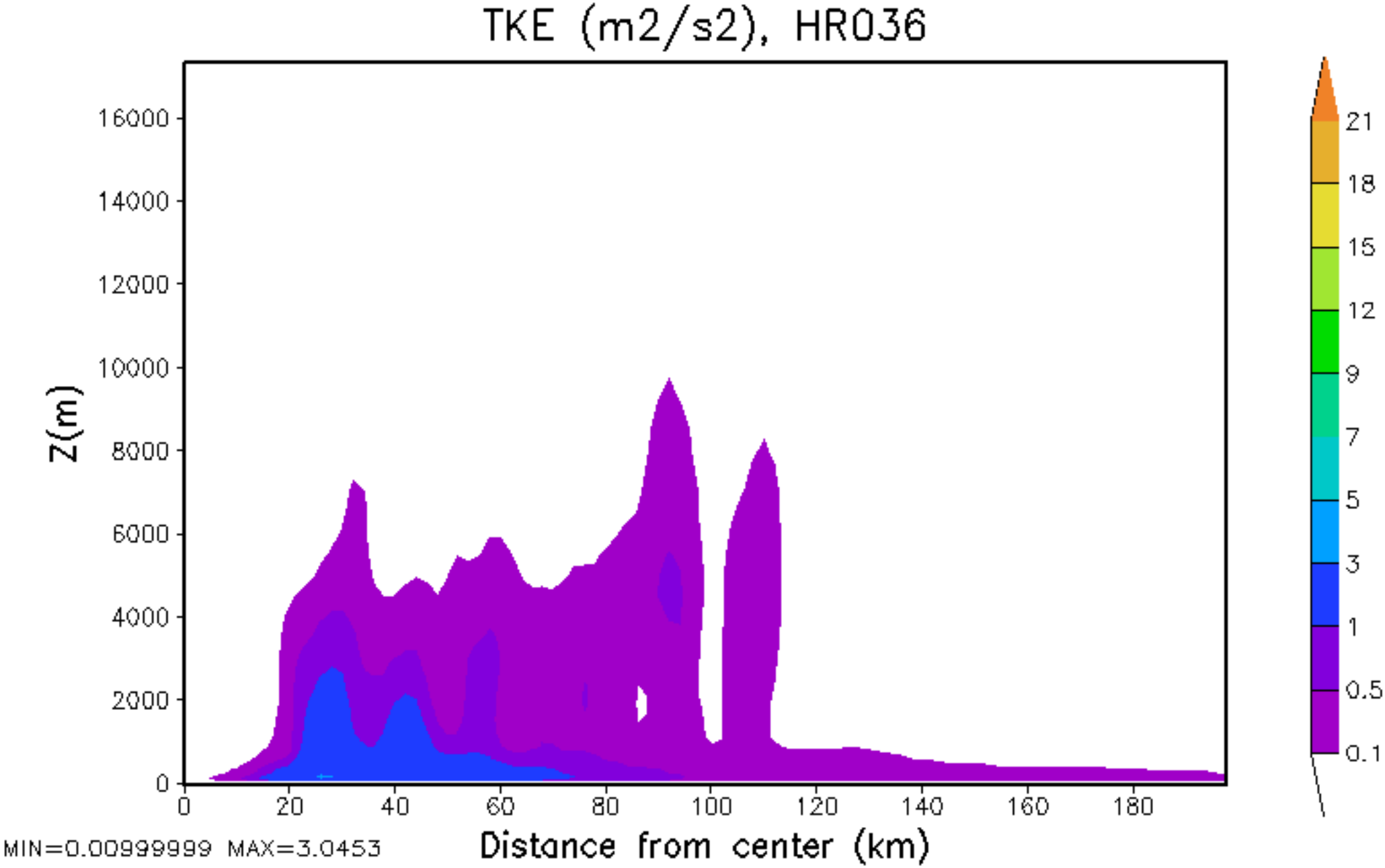
130
110
90
70
50
30
10
0


TKE (m2/s2), HR036
Z(m)
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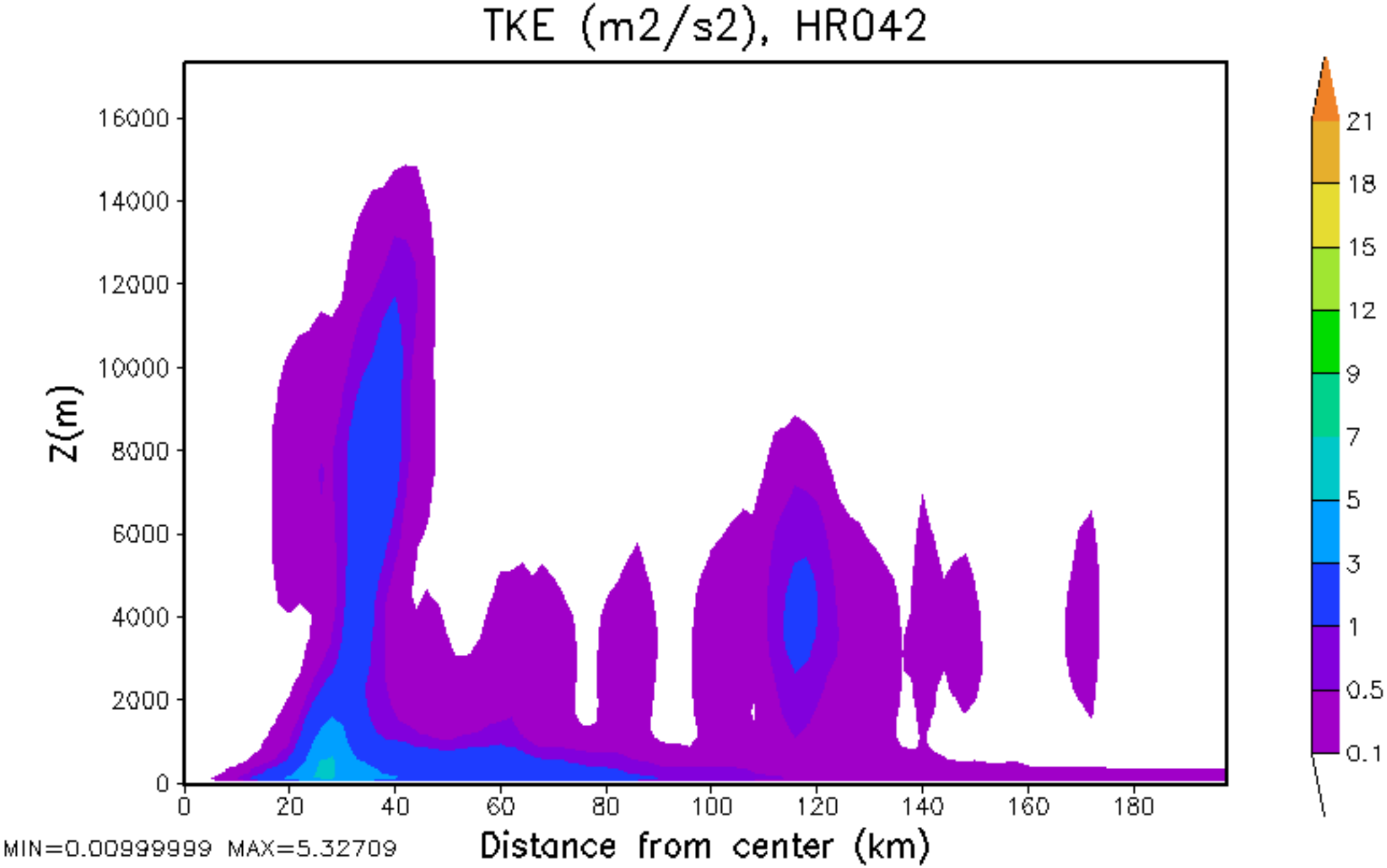
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999999 MAX=3.0453
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), HR042
Z(m)
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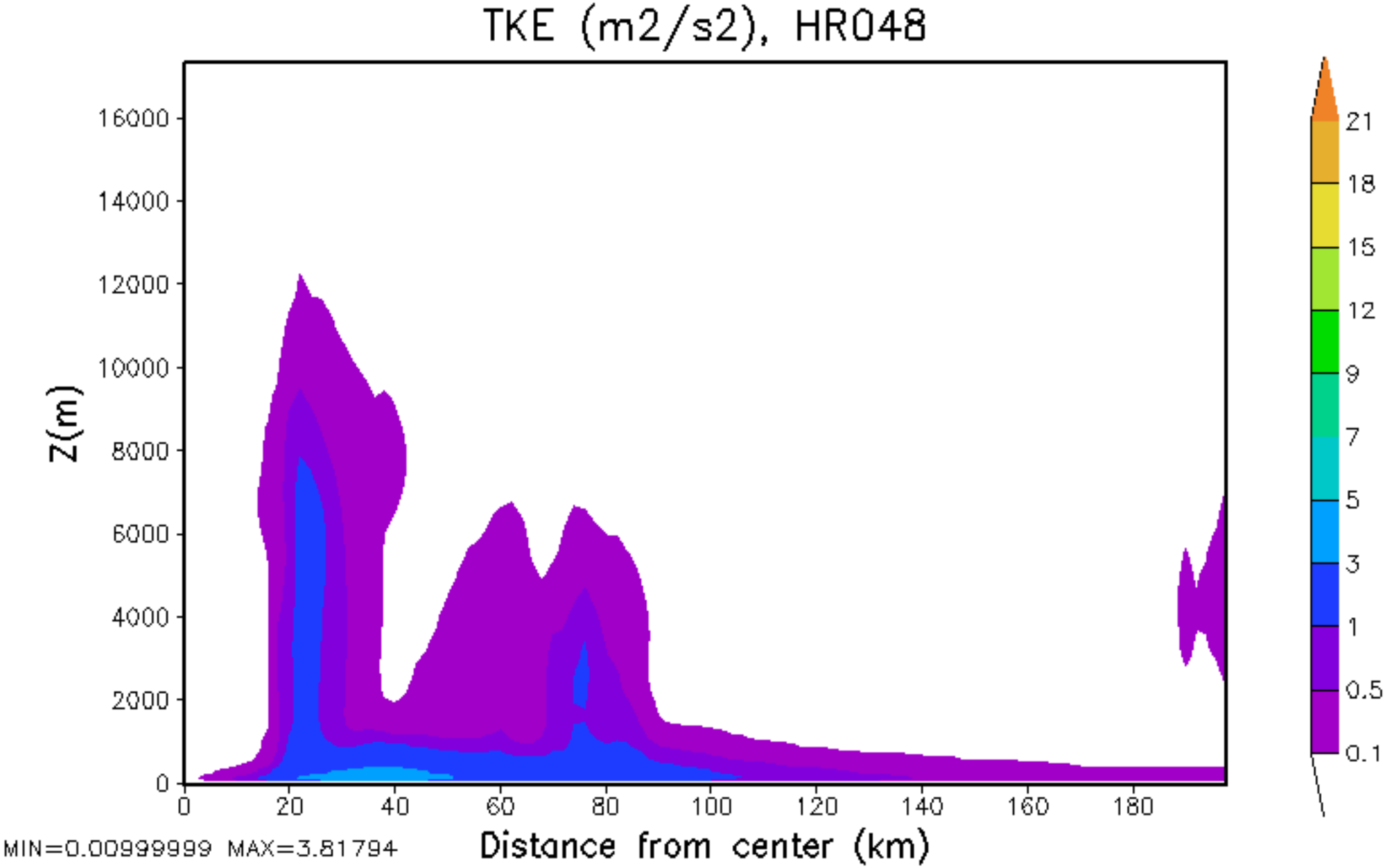
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999999 MAX=5.32709


TKE (m2/s2), HR048
Z(m)
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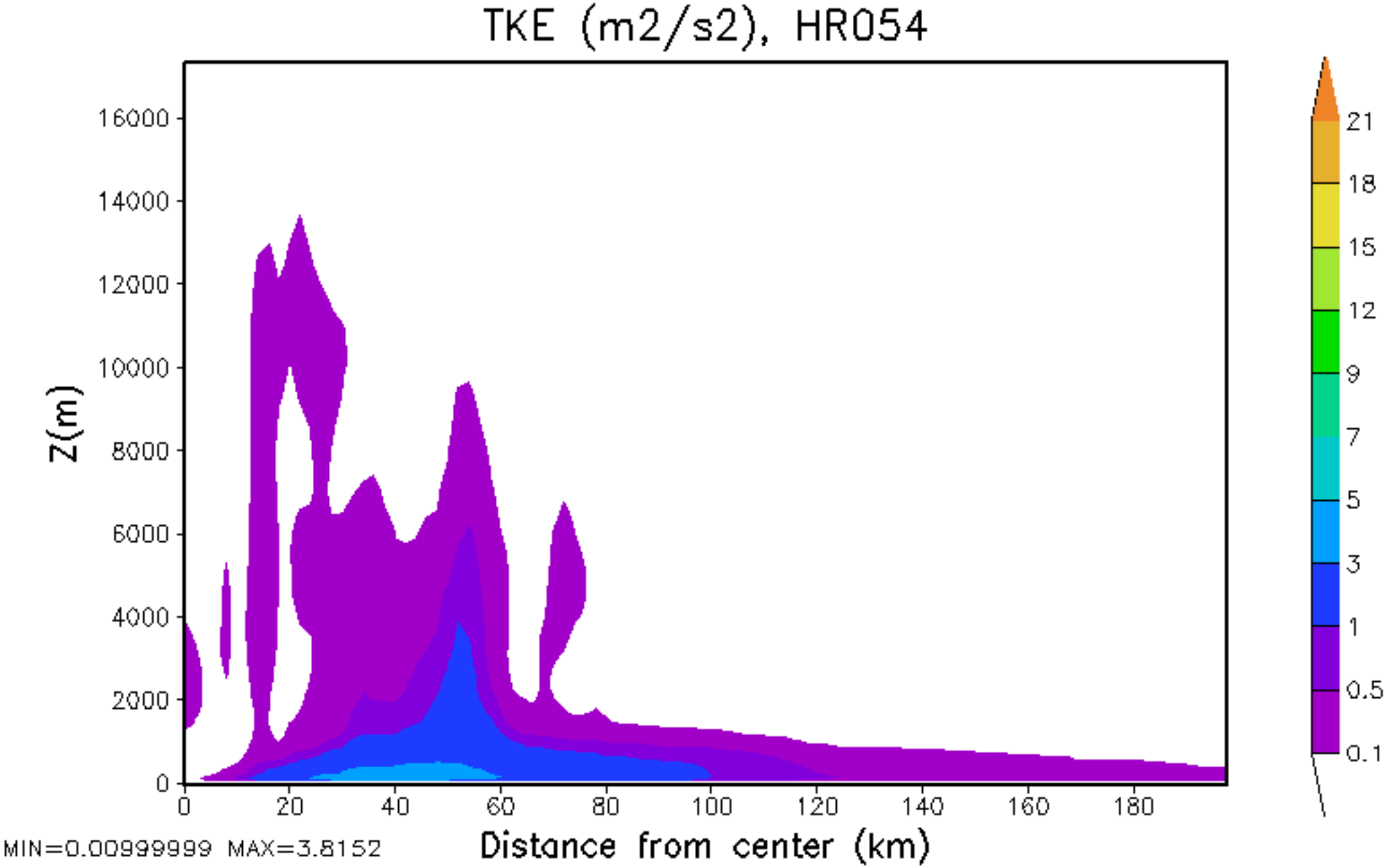
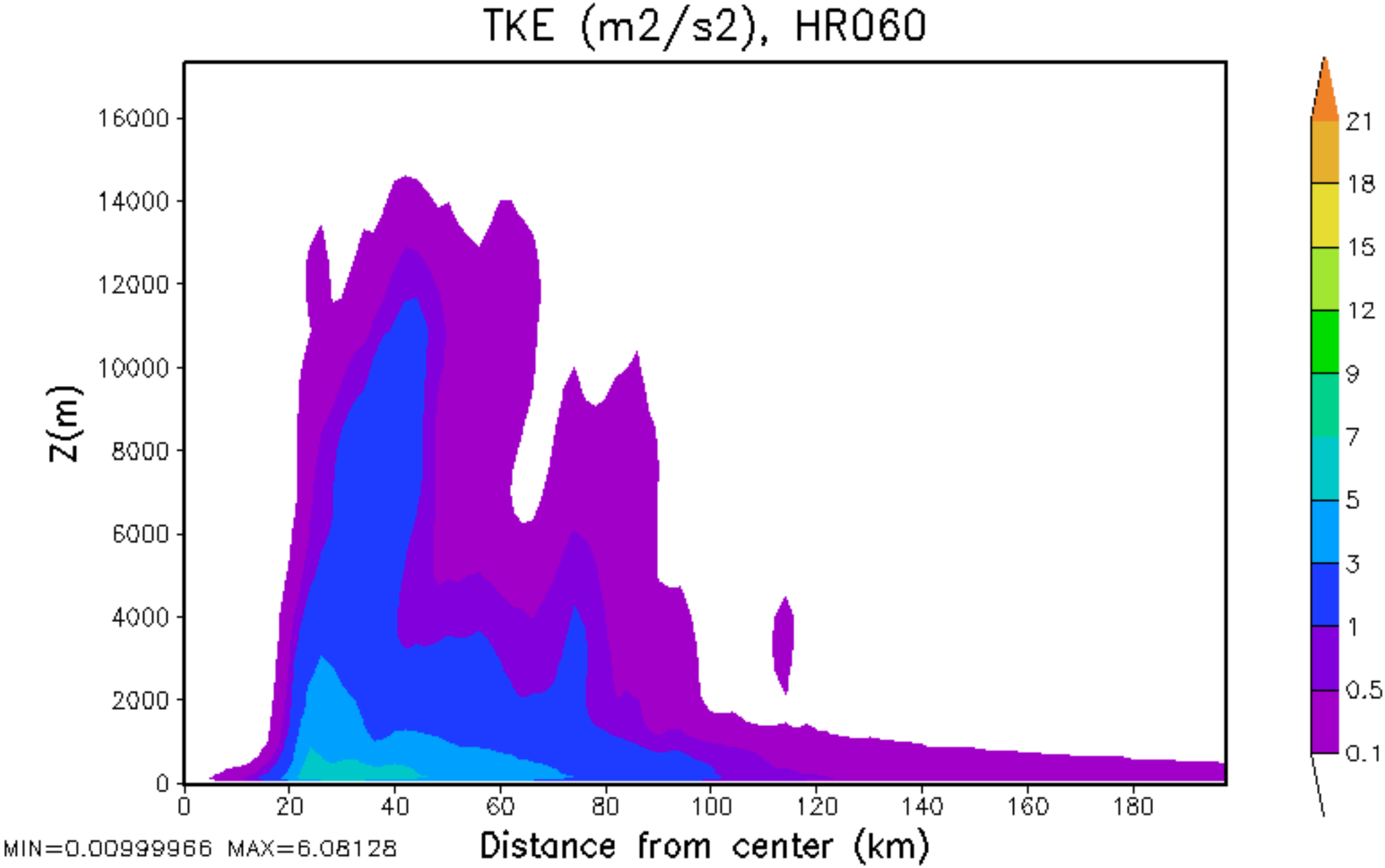
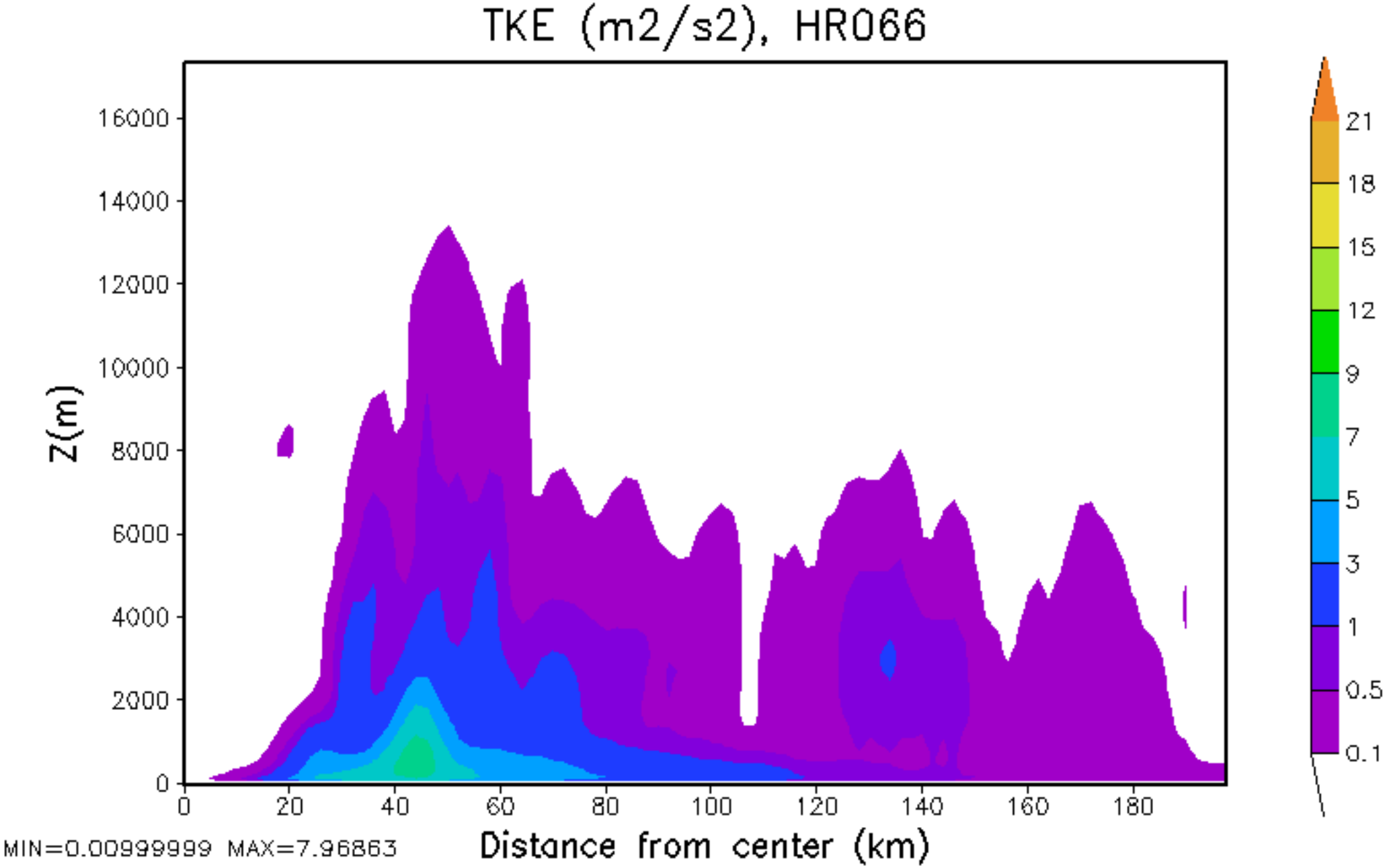
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999999 MAX=3.81794
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE (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=0.00999999 MAX=3.8152
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE (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)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999966 MAX=6.08128


TKE (m2/s2), HR066
Z(m)
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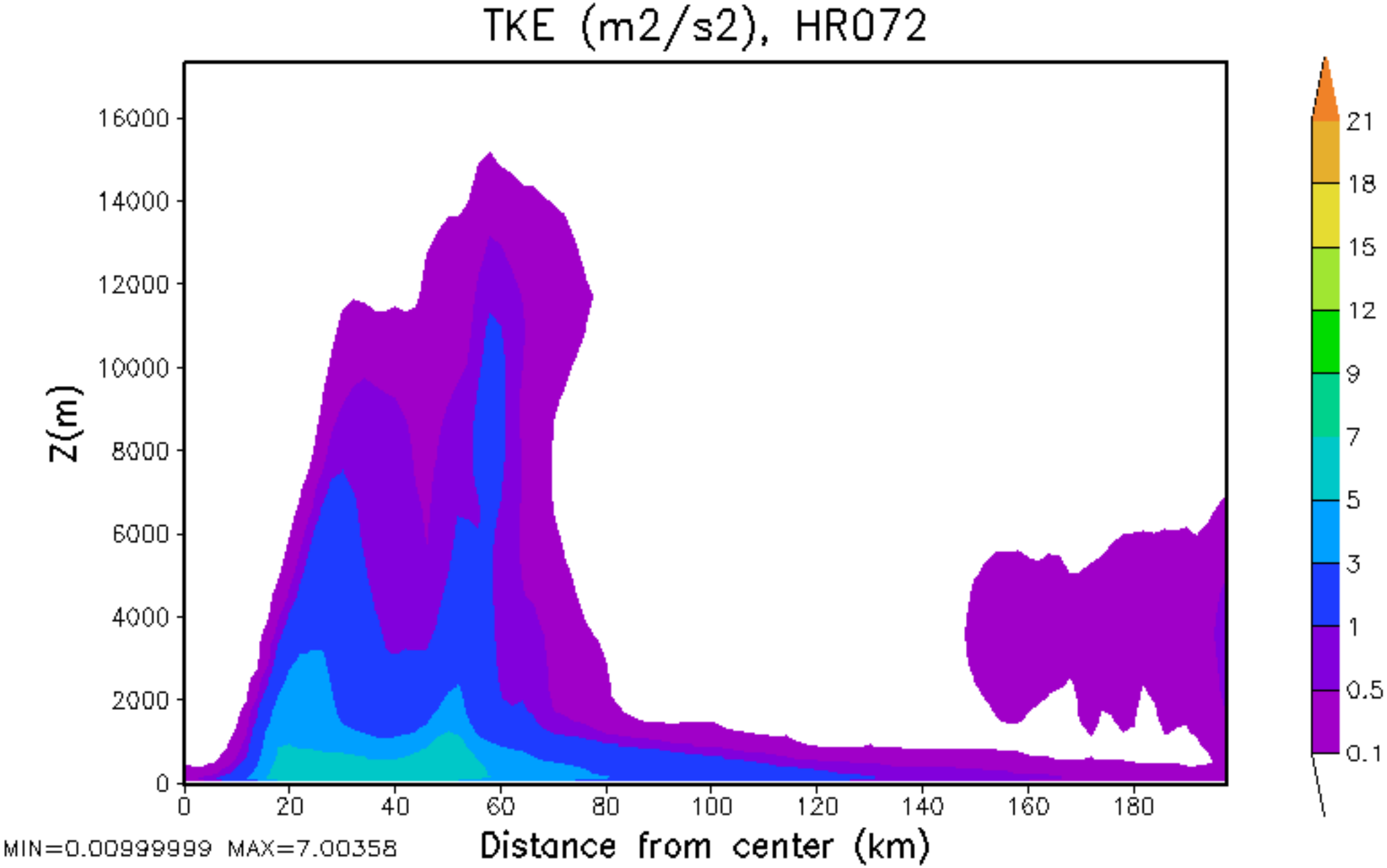
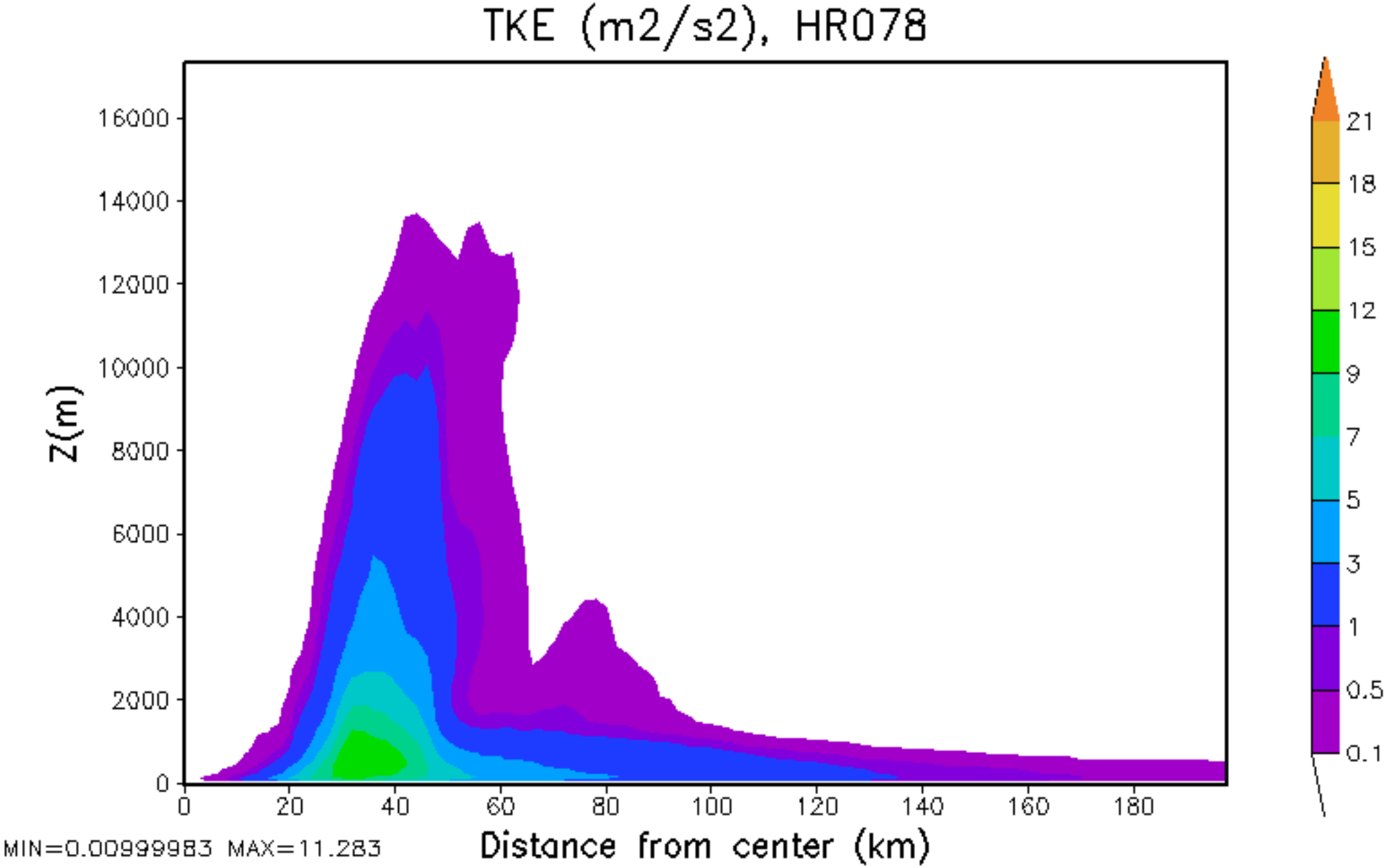
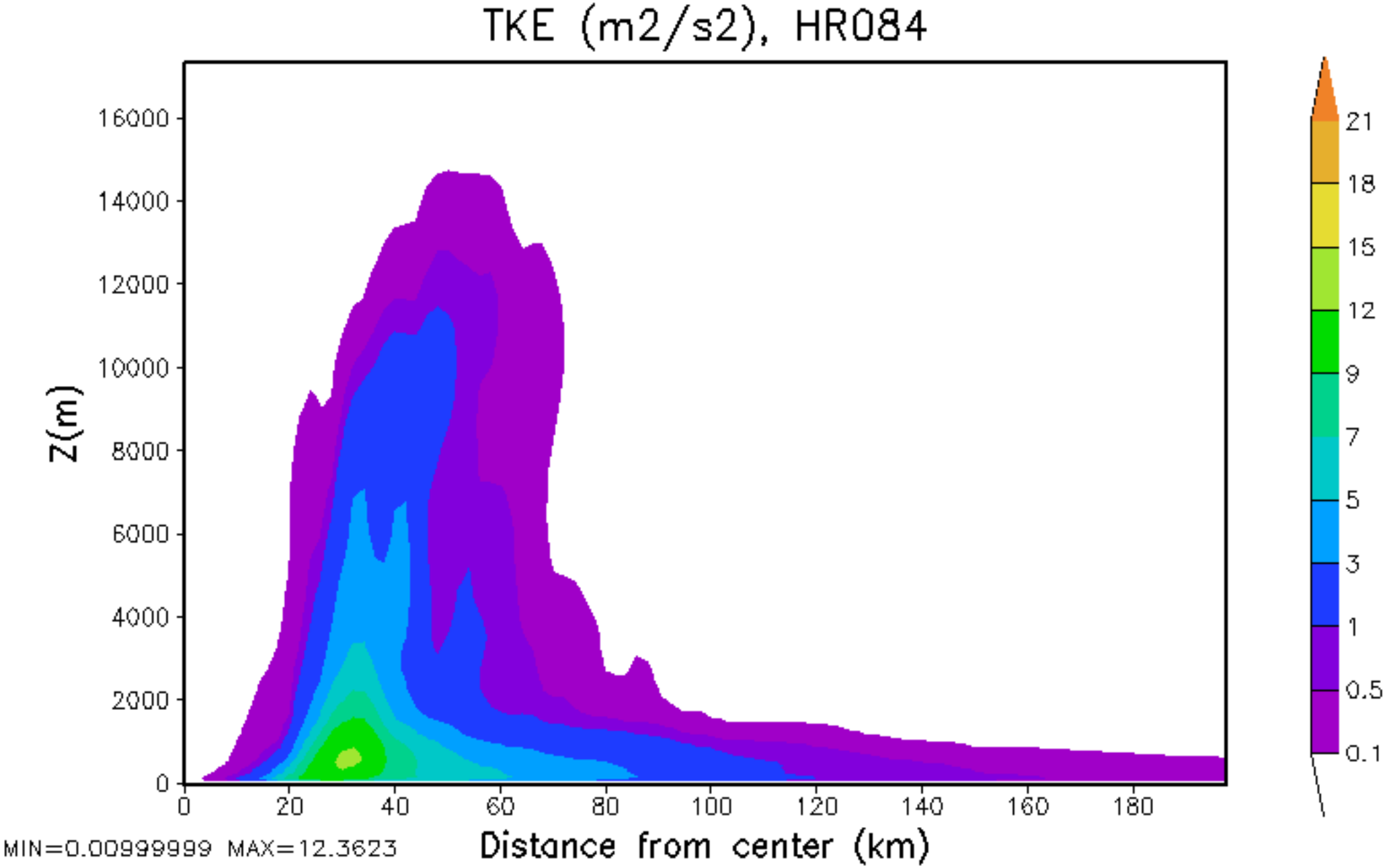
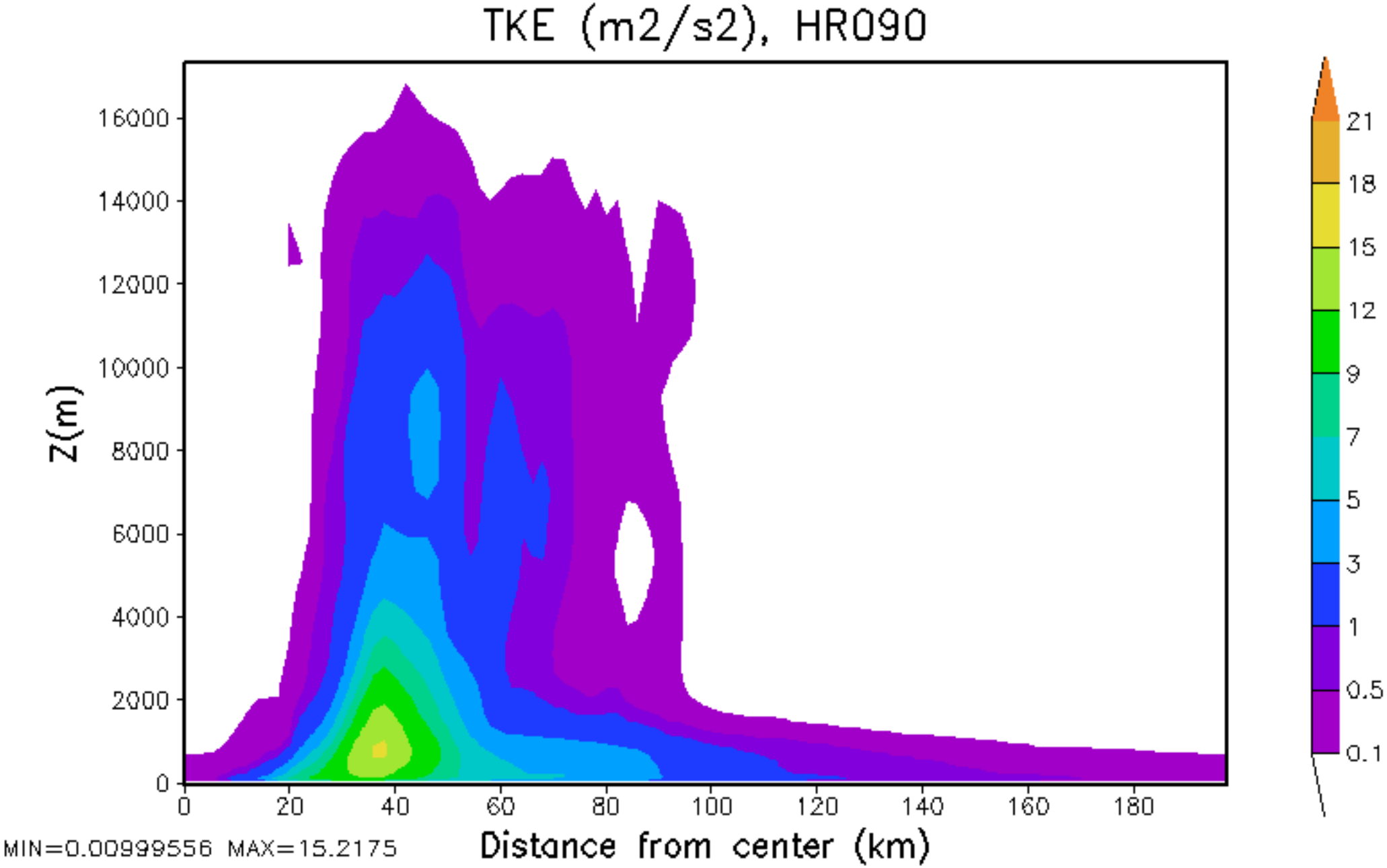
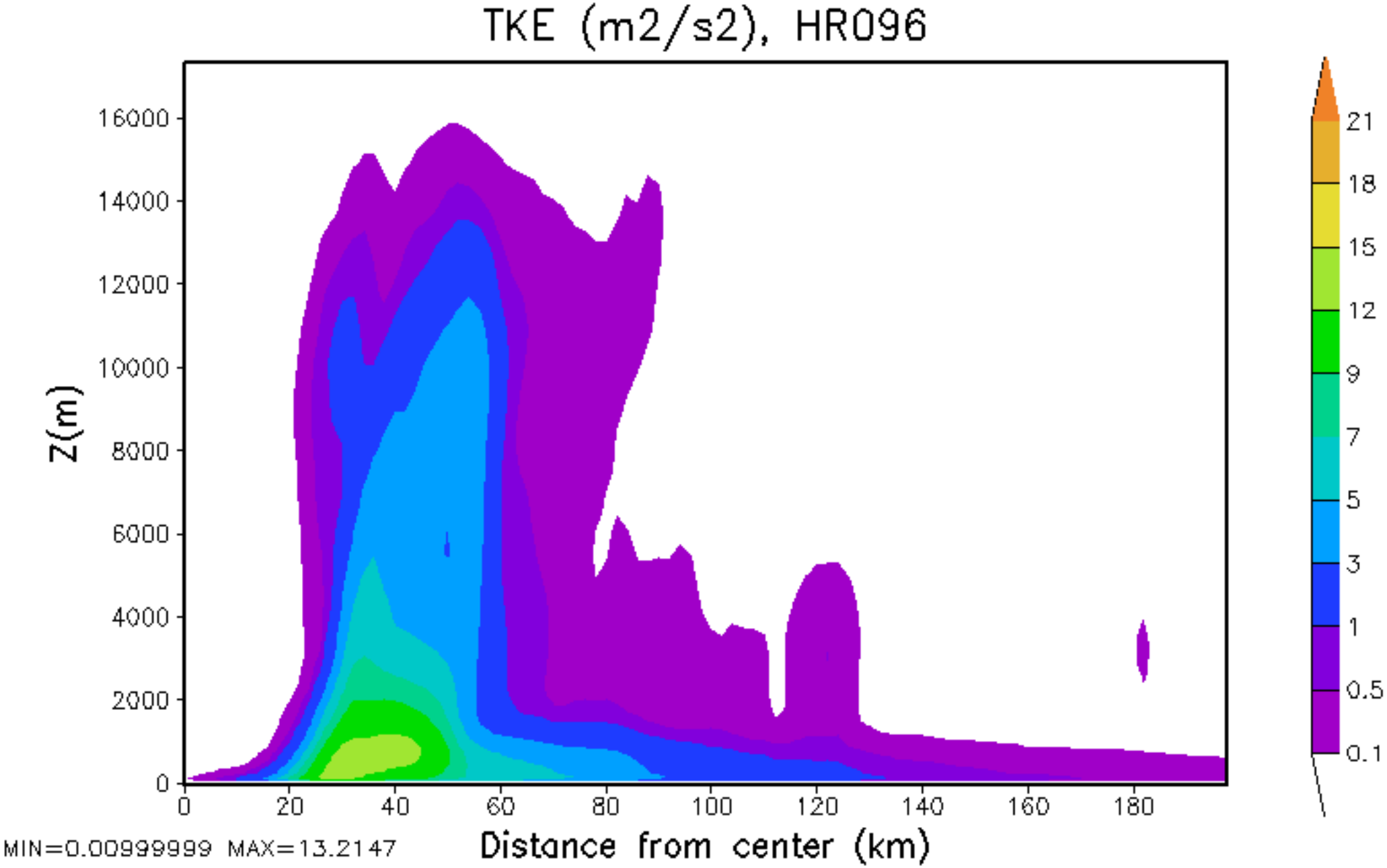
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999999 MAX=7.96863


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=0.00999999 MAX=7.00358


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=0.00999983 MAX=11.283
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), 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=0.00999999 MAX=12.3623
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), 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)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999556 MAX=15.2175


TKE (m2/s2), HR096
Z(m)
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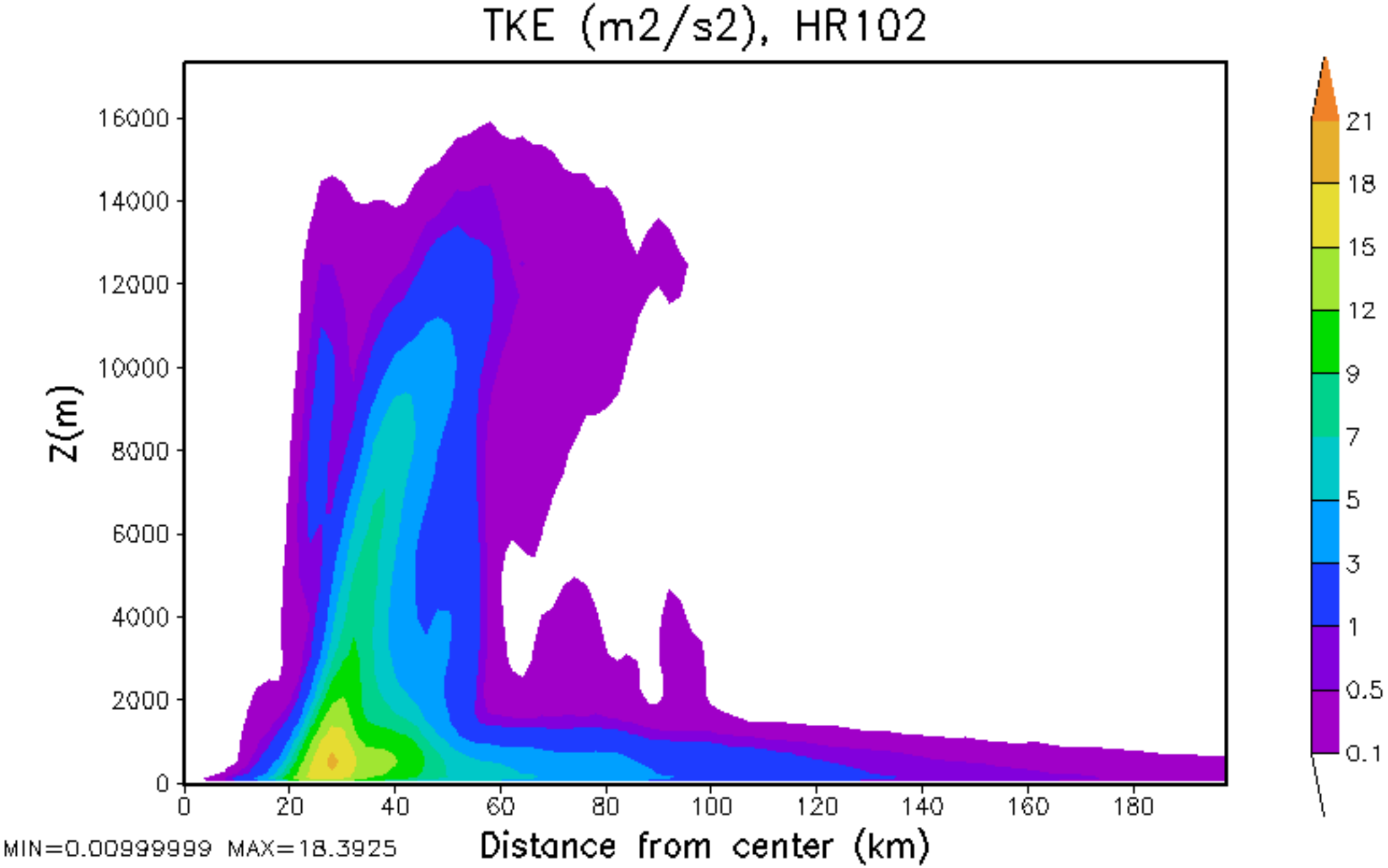
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999999 MAX=13.2147
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), HR102
Z(m)
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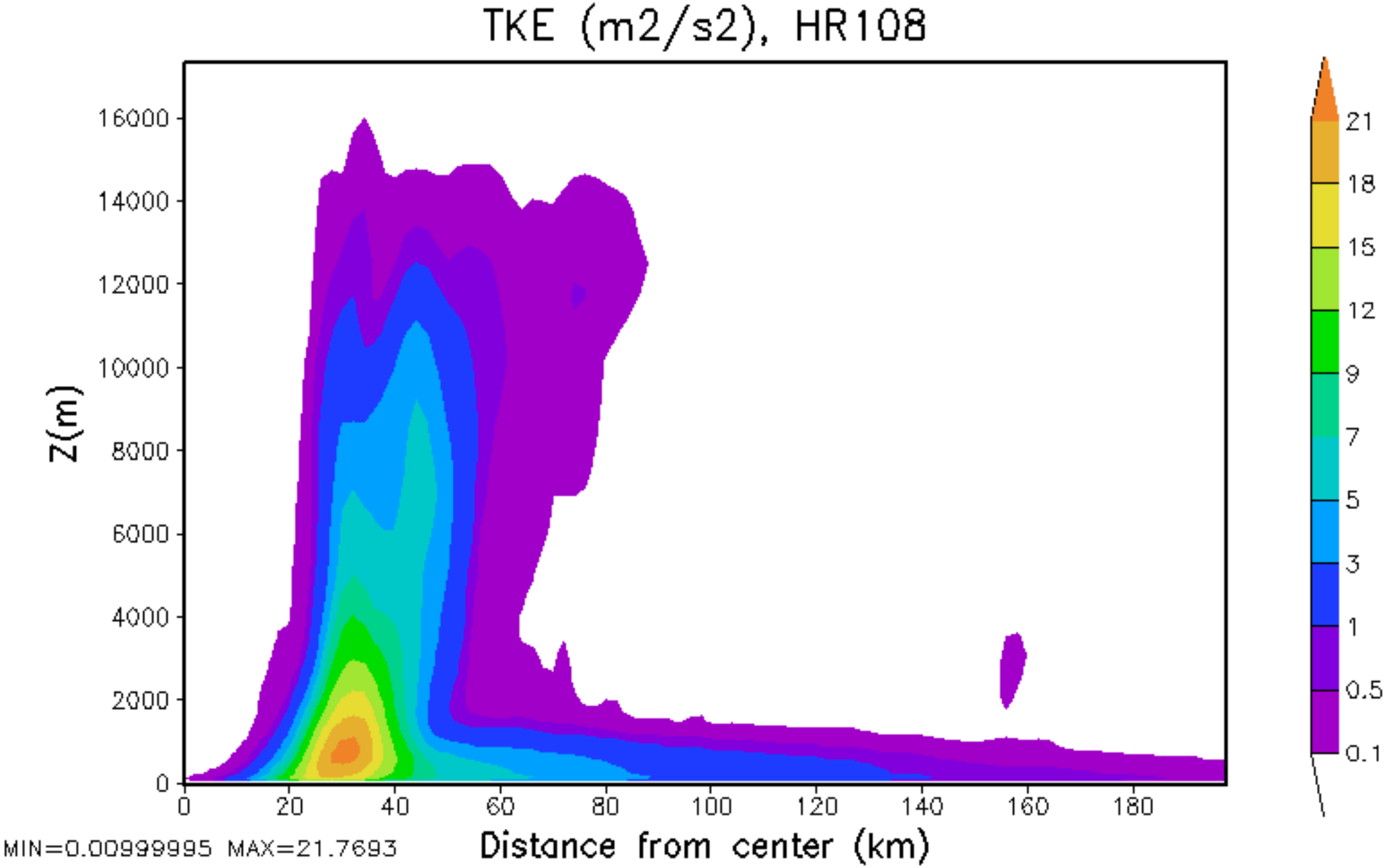
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999999 MAX=18.3925
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), HR108
Z(m)
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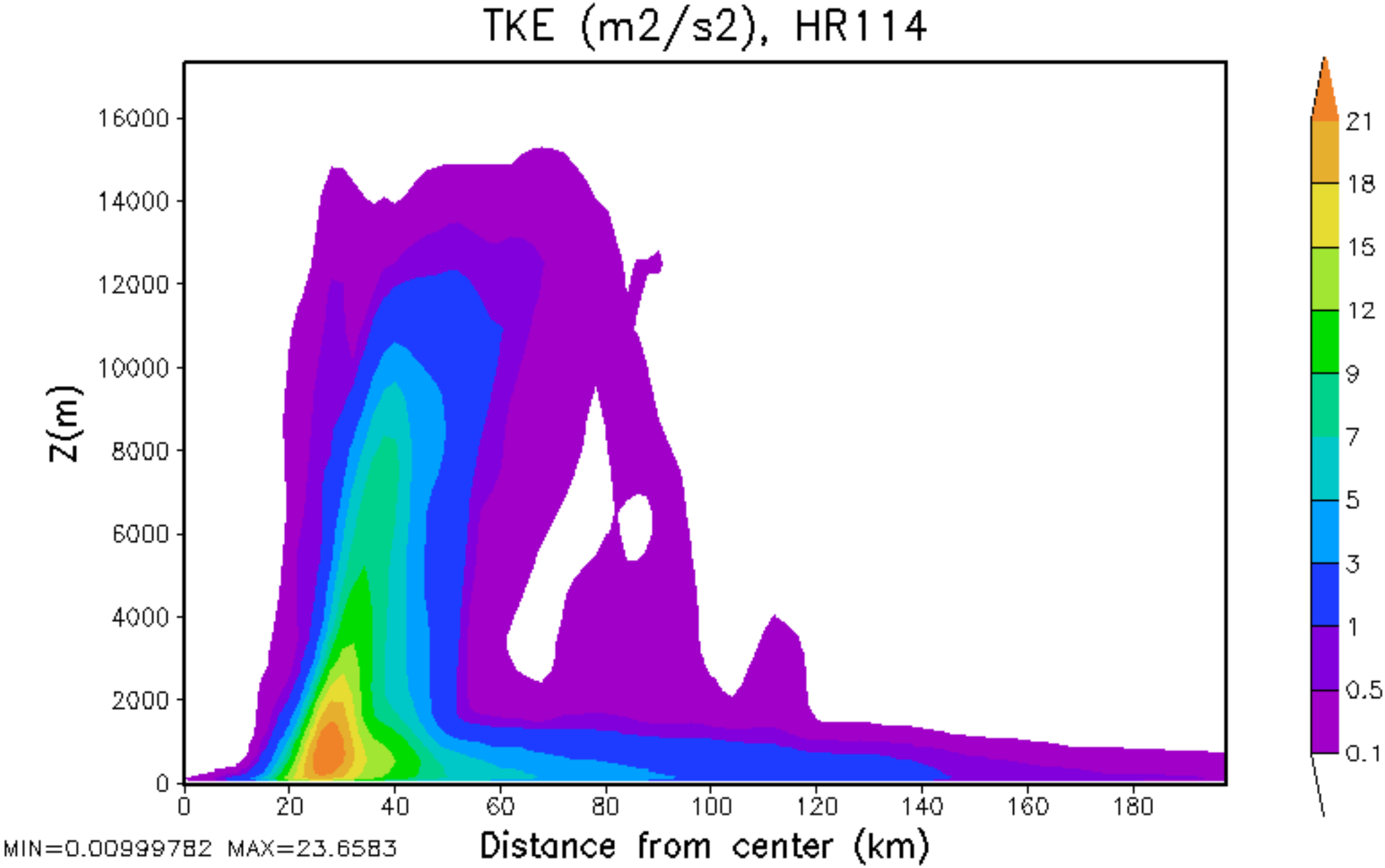
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999995 MAX=21.7693


TKE (m2/s2), HR114
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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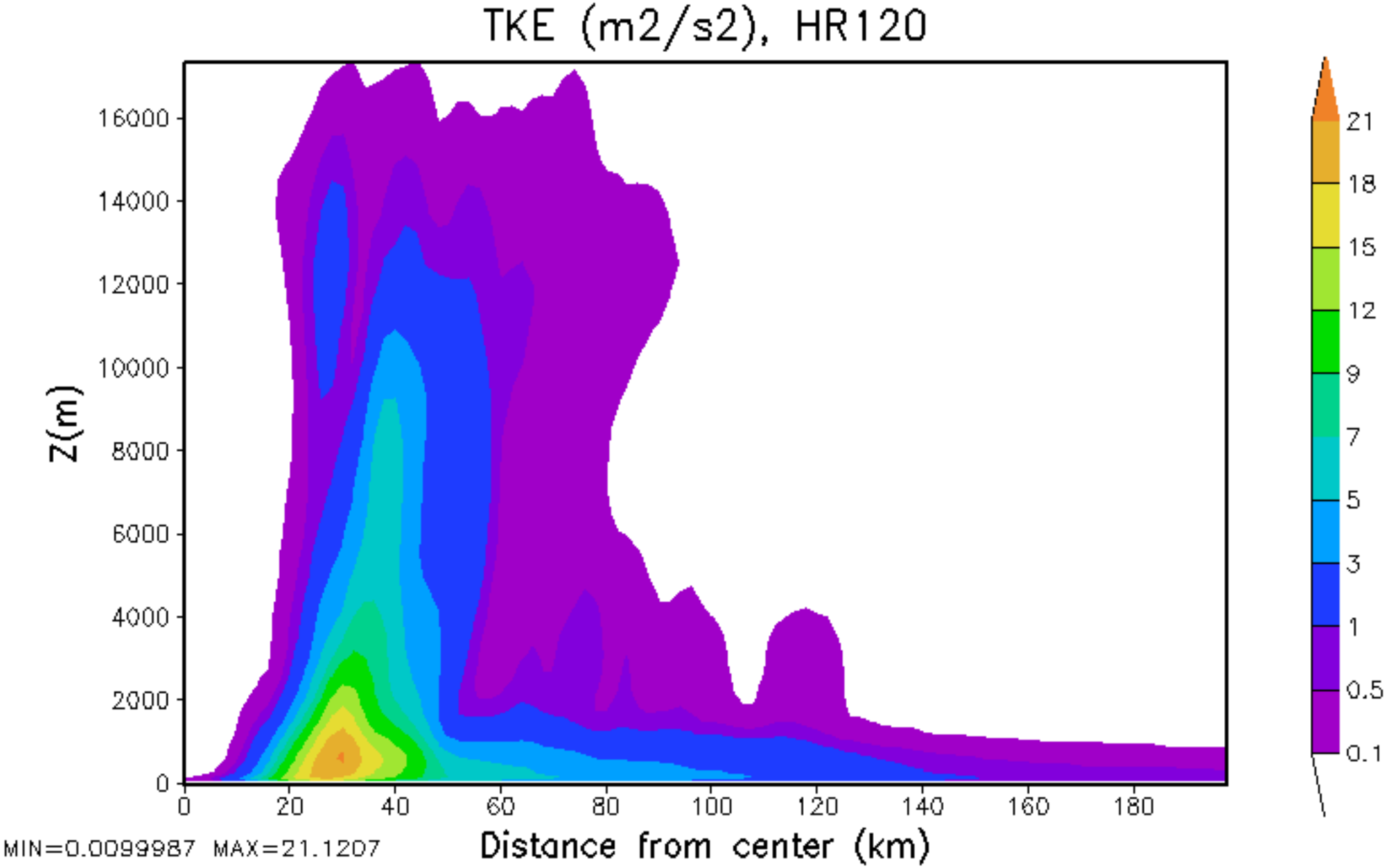
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999782 MAX=23.6583


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=0.0099987 MAX=21.1207
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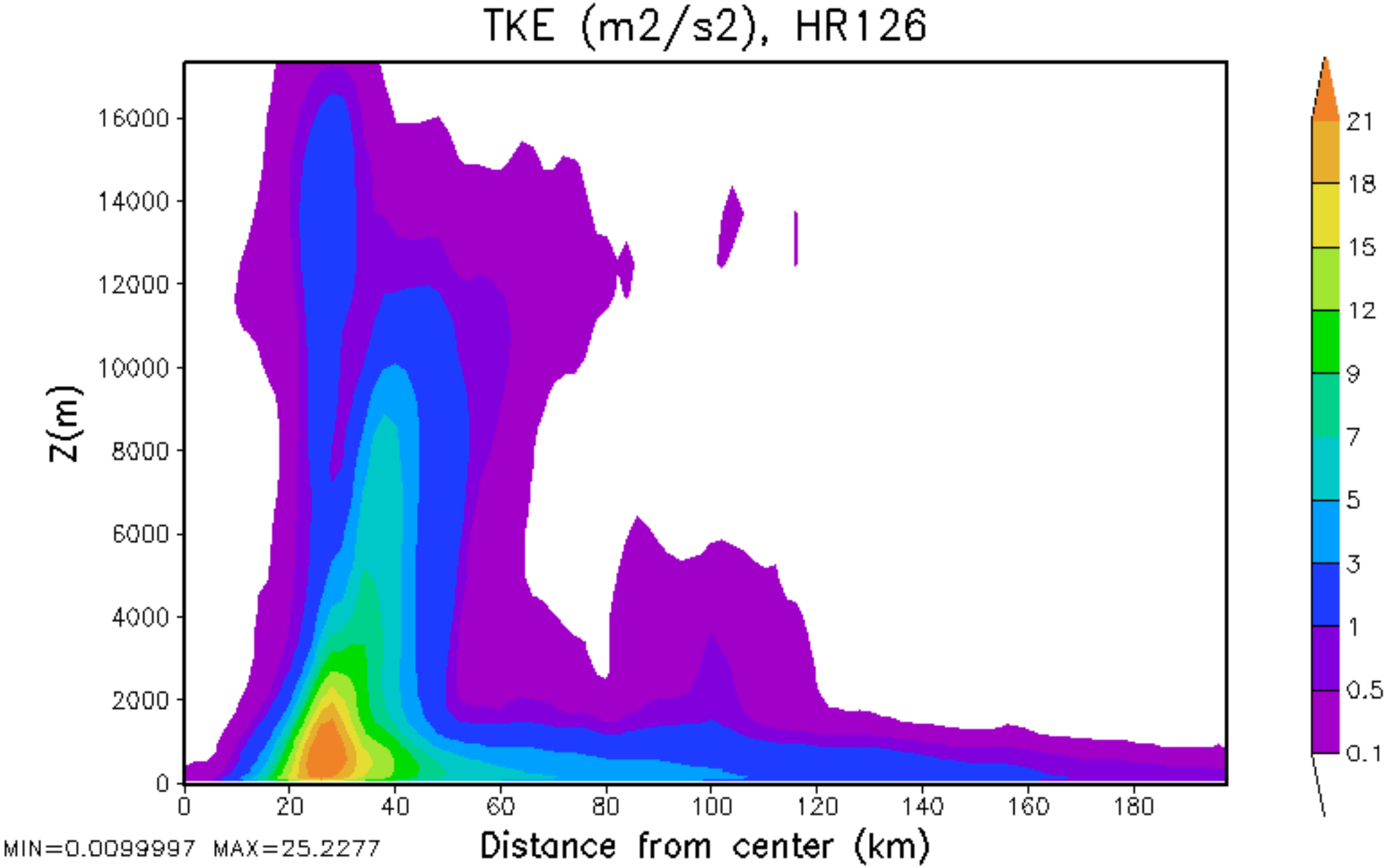
18
15
12
9
7
5
3
1
0.5
0.1


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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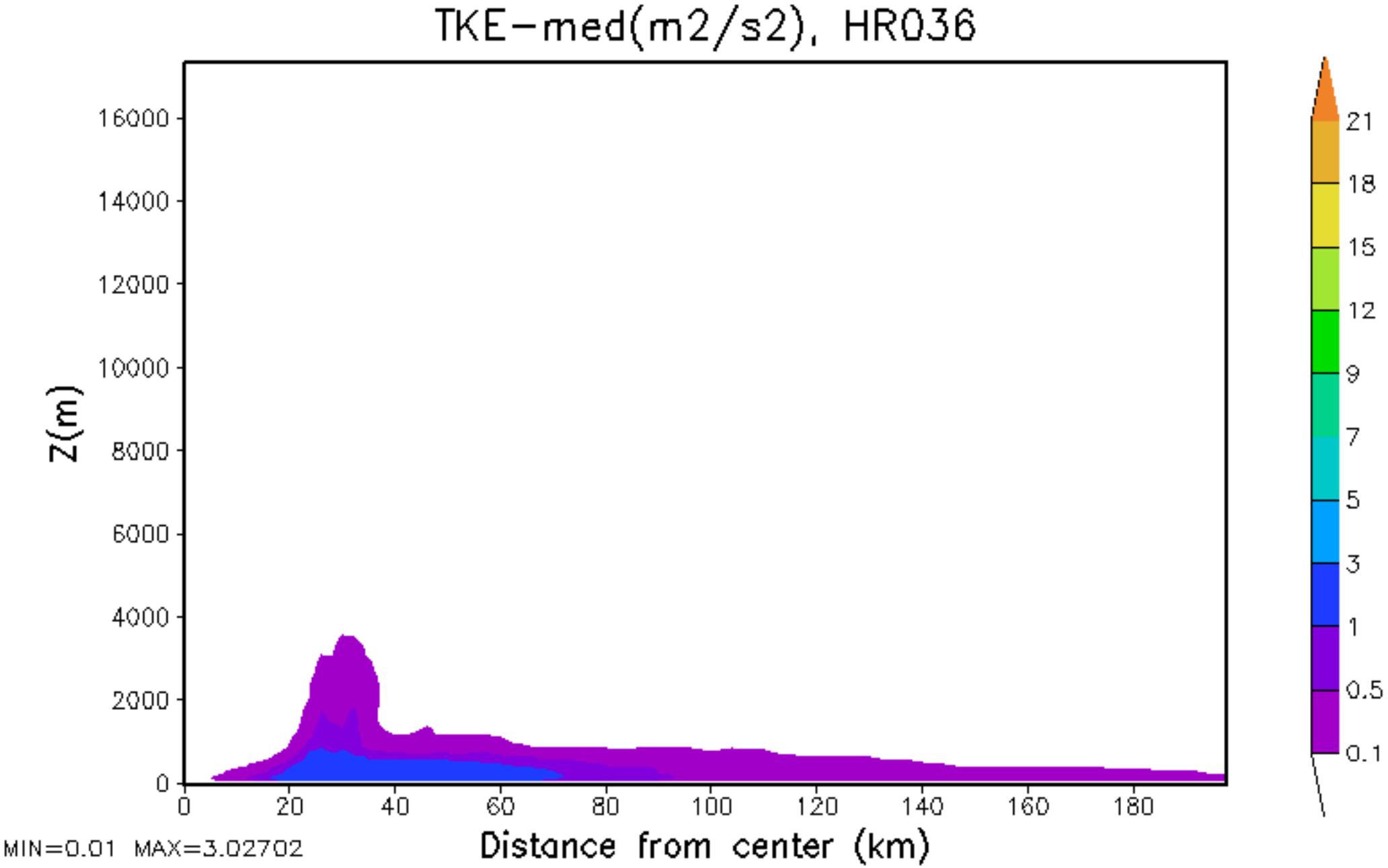
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.0099997 MAX=25.2277


TKE-med(m2/s2), HR036
Z(m)
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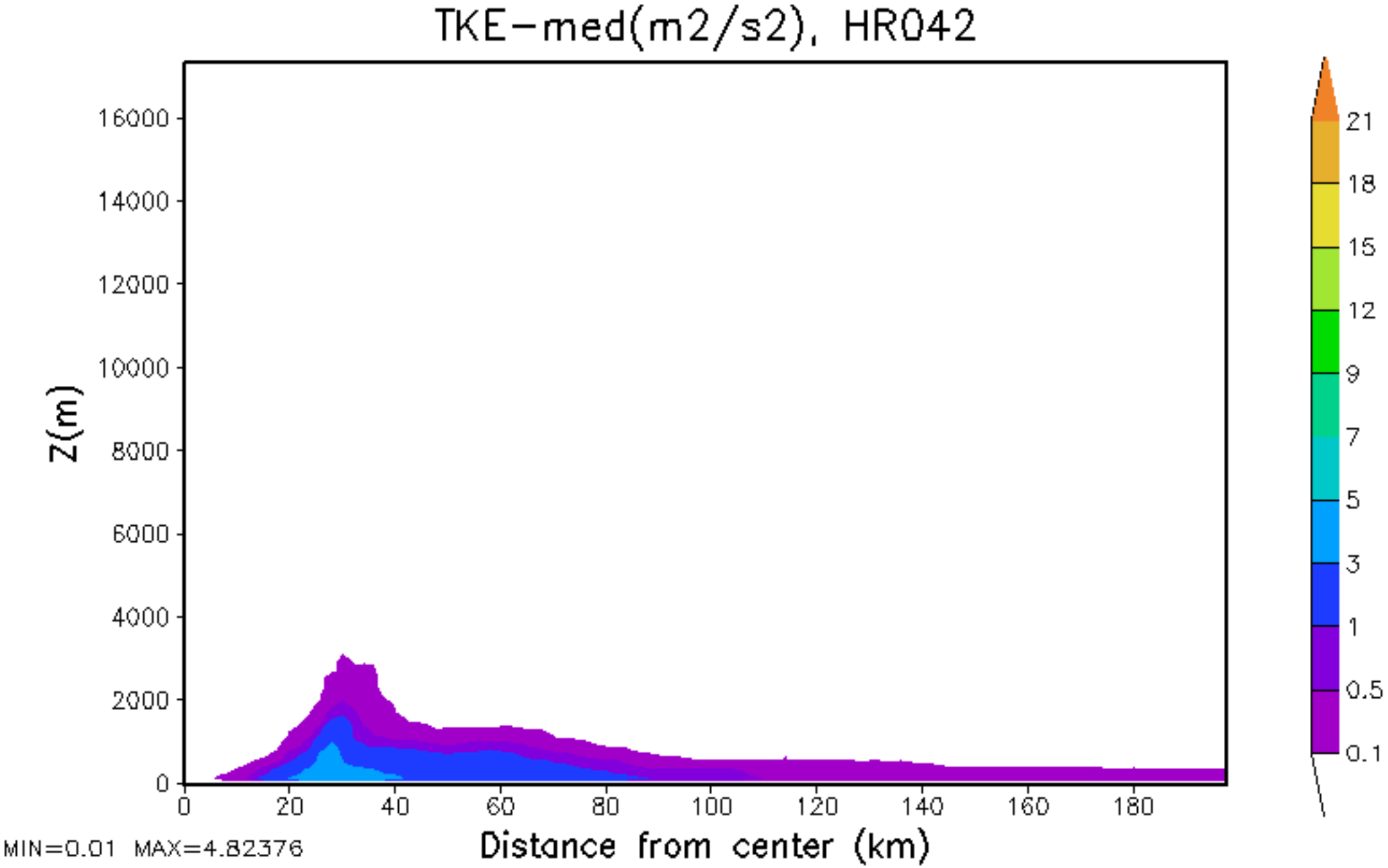
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.01 MAX=3.02702


TKE-med(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)
MIN=0.01 MAX=4.82376
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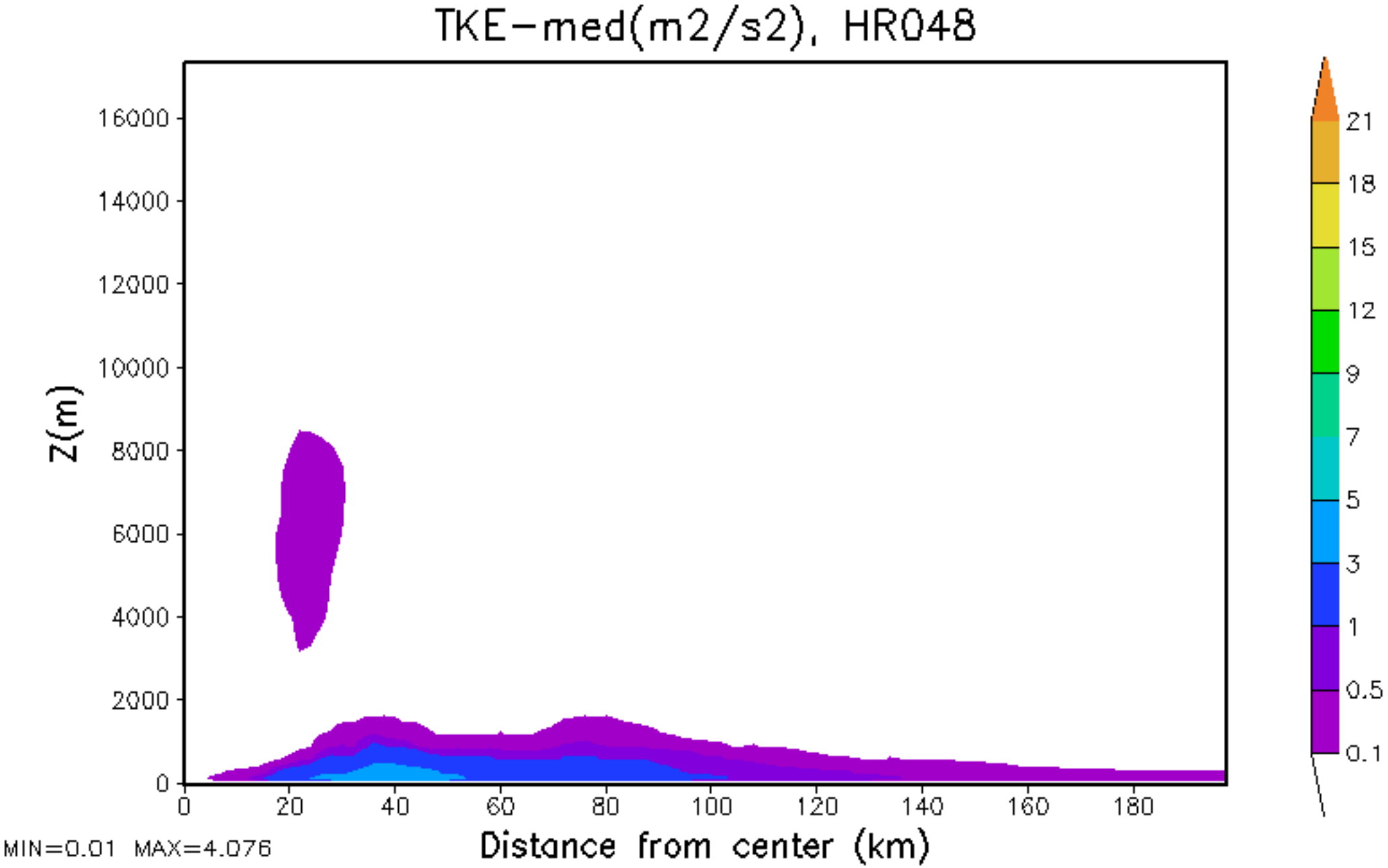
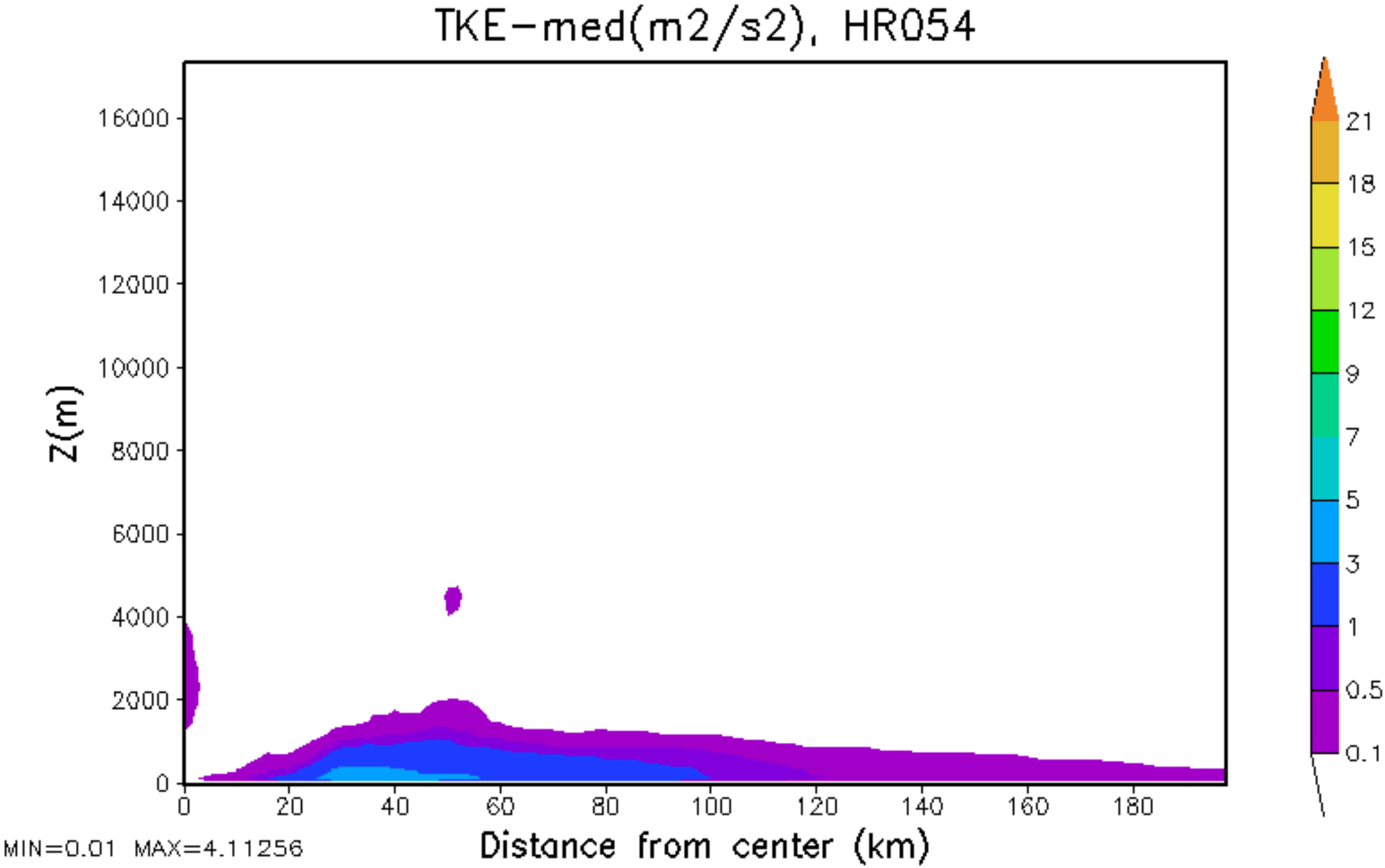
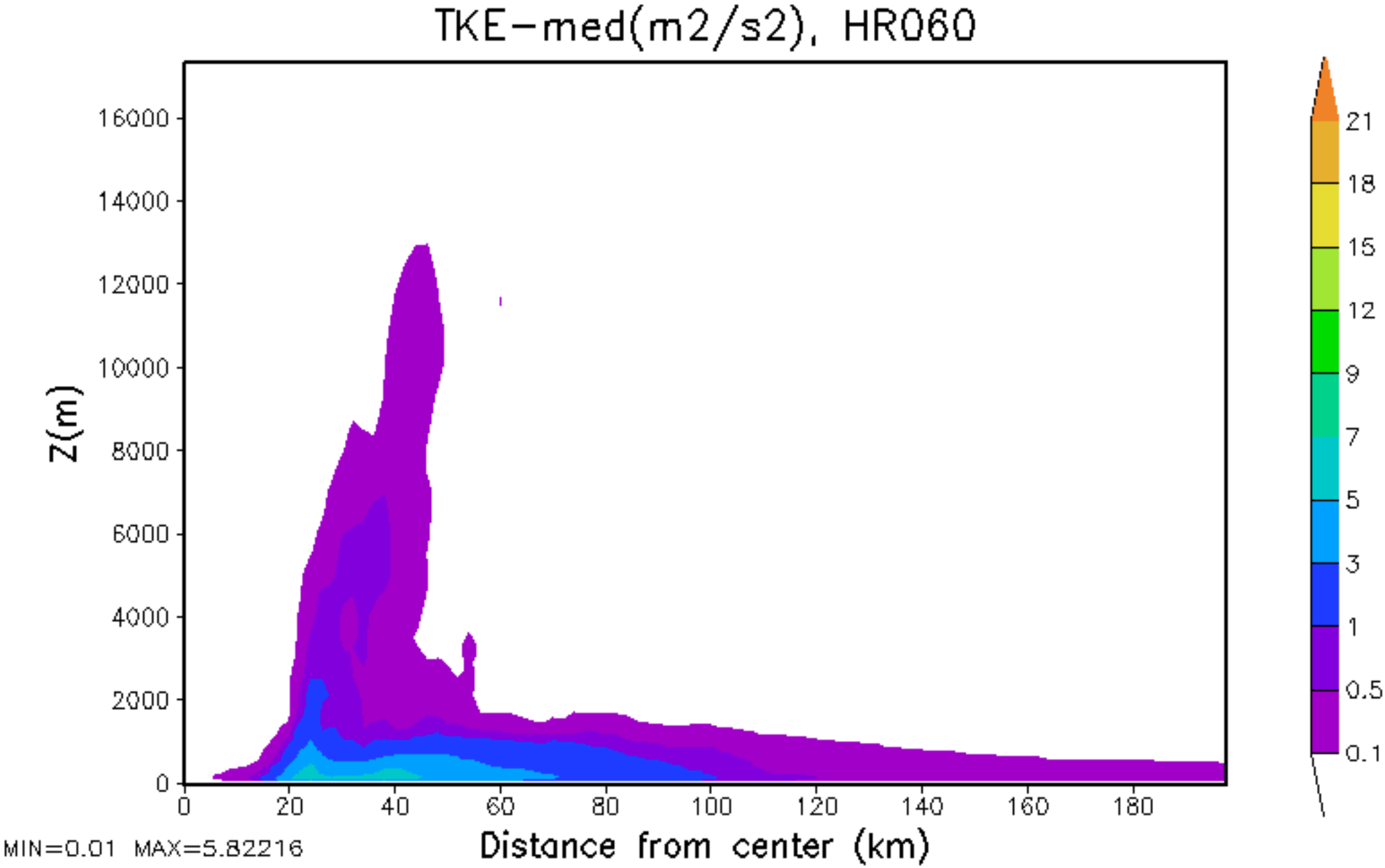
15
12
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), 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)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.01 MAX=4.076


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)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.01 MAX=4.11256


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=5.82216
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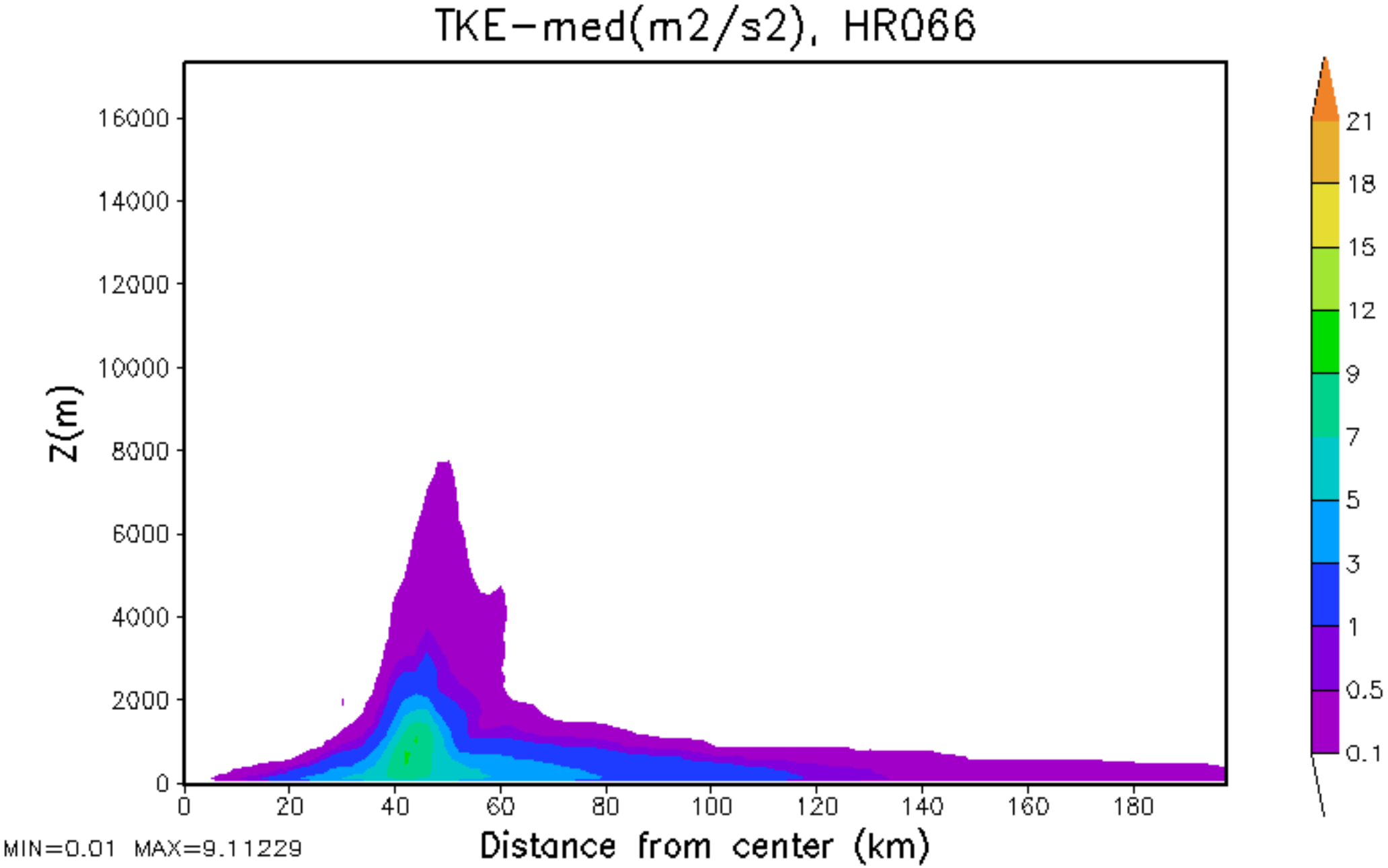
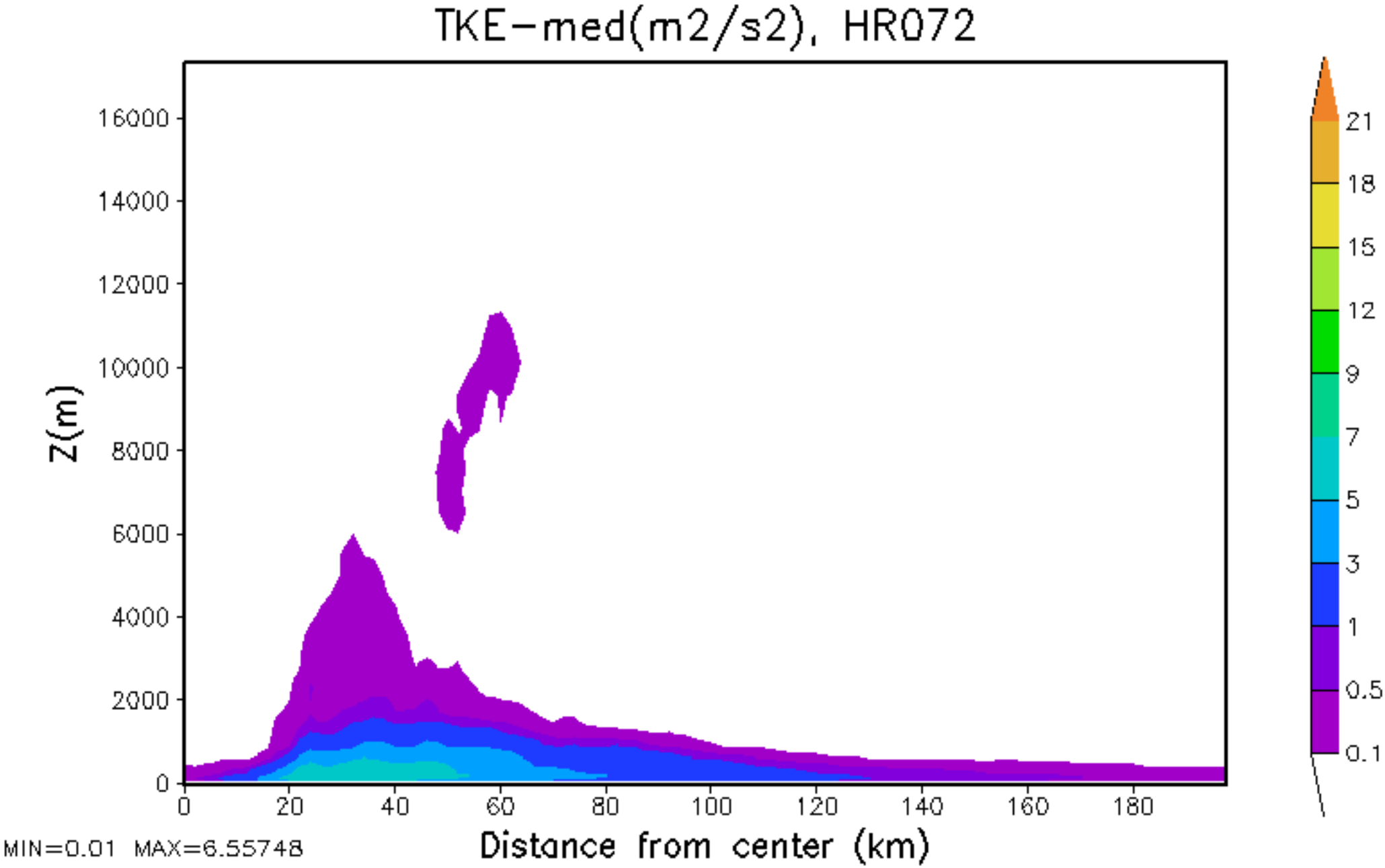
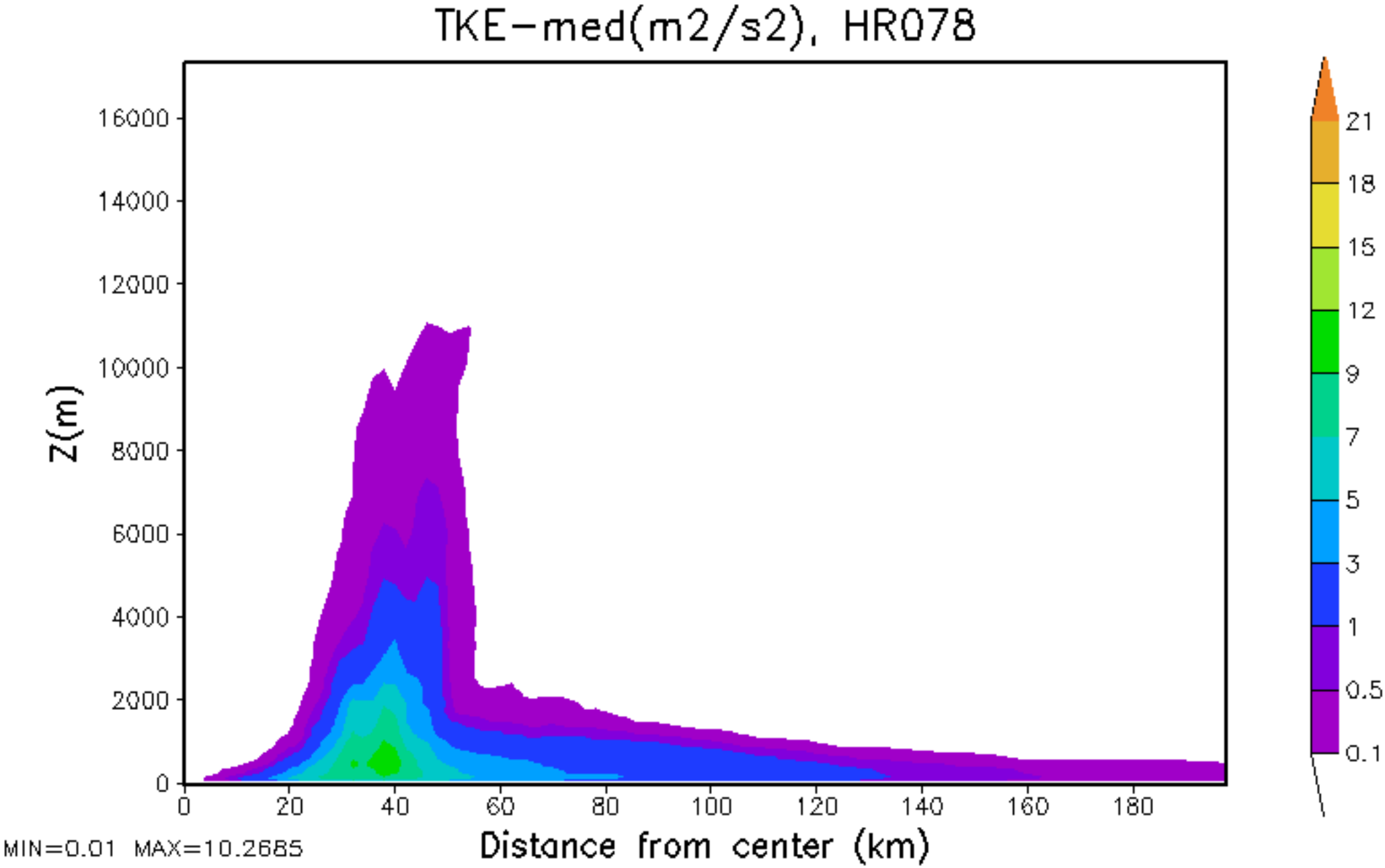
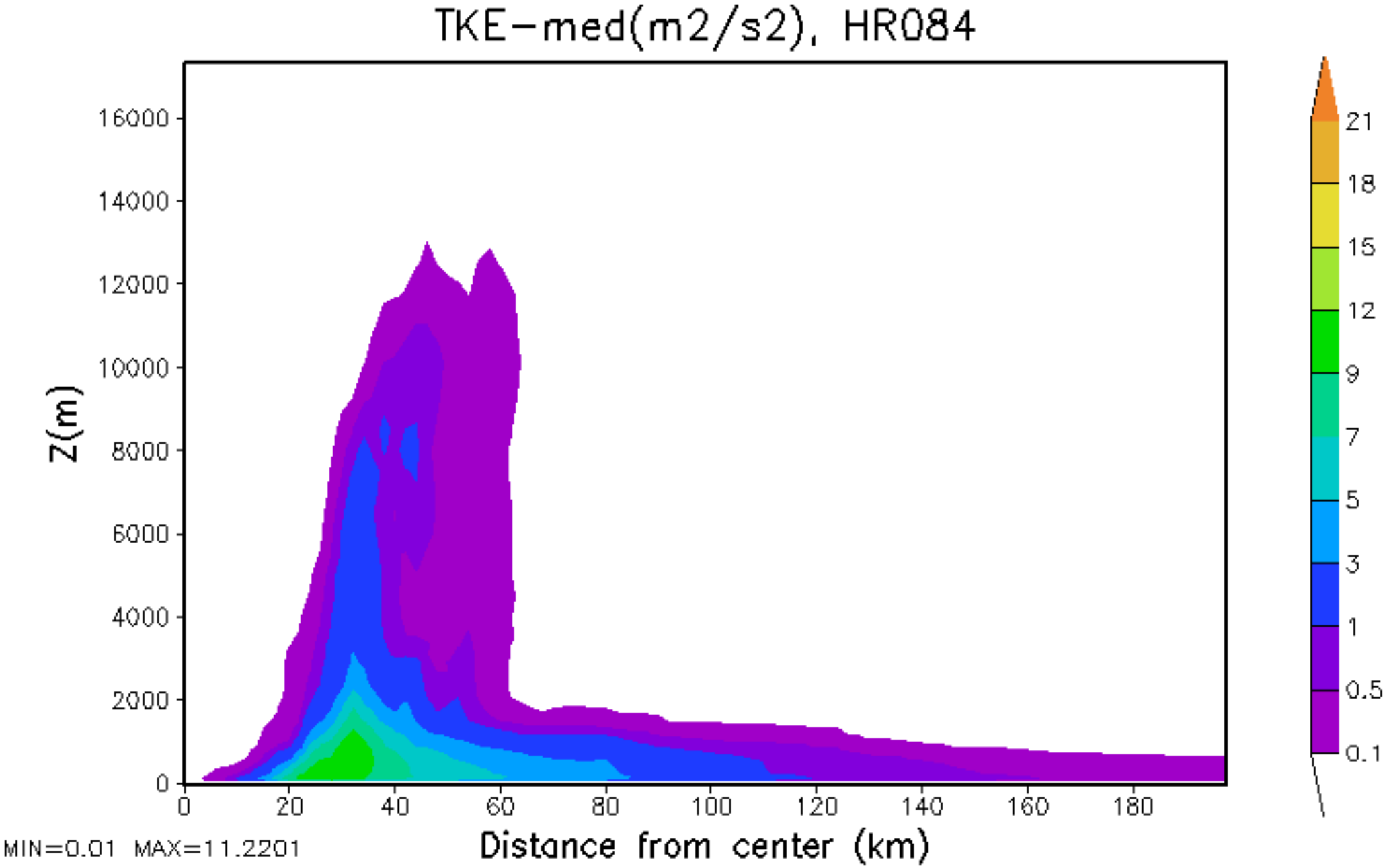
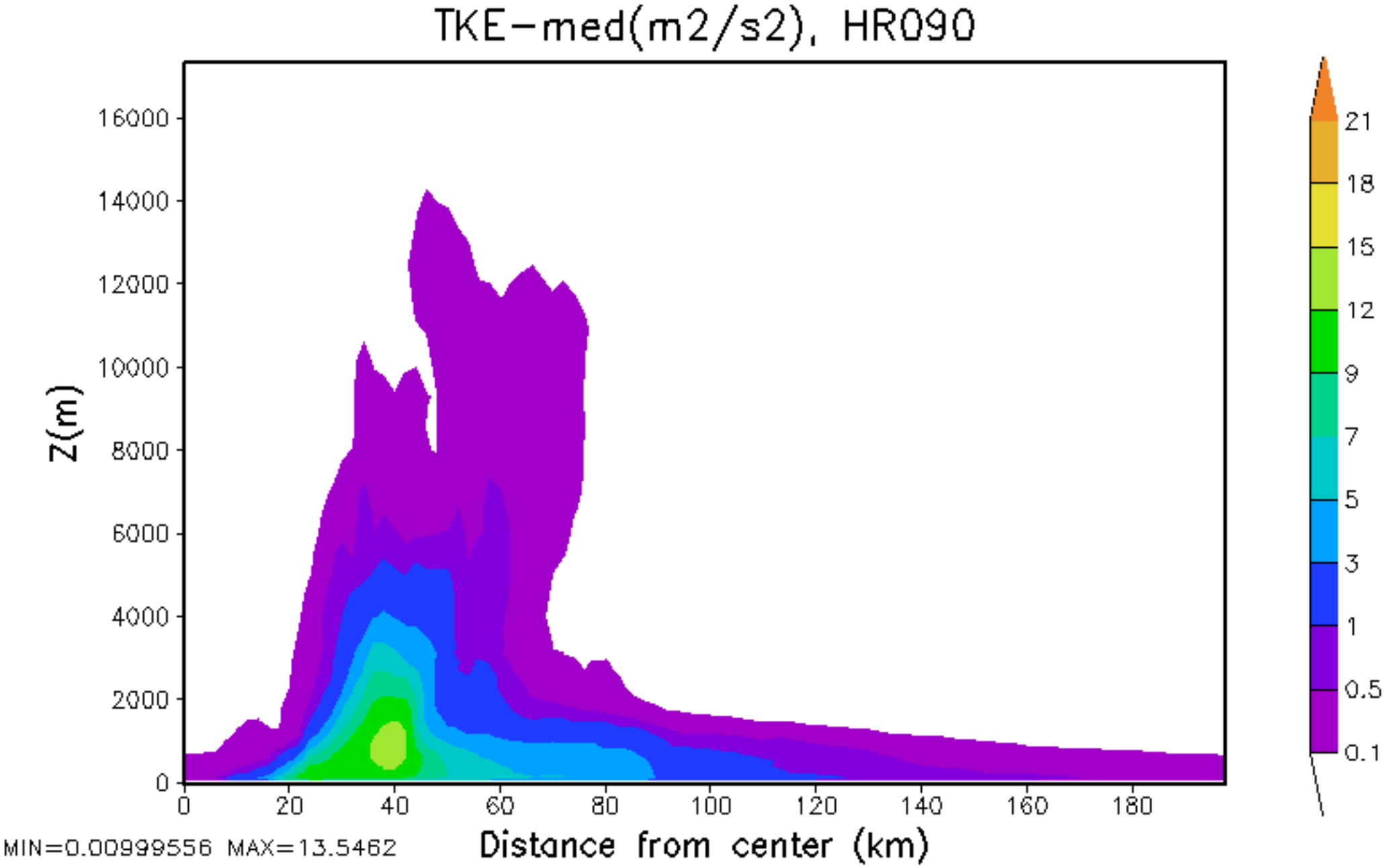
15
12
9
7
5
3
1
0.5
0.1


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)
MIN=0.01 MAX=9.11229
21
18
15
12
9
7
5
3
1
0.5
0.1


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)
MIN=0.01 MAX=6.55748
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE-med(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=0.01 MAX=10.2685
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), 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)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.01 MAX=11.2201


TKE-med(m2/s2), 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=0.00999556 MAX=13.5462
21
18
15
12
9
7
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3
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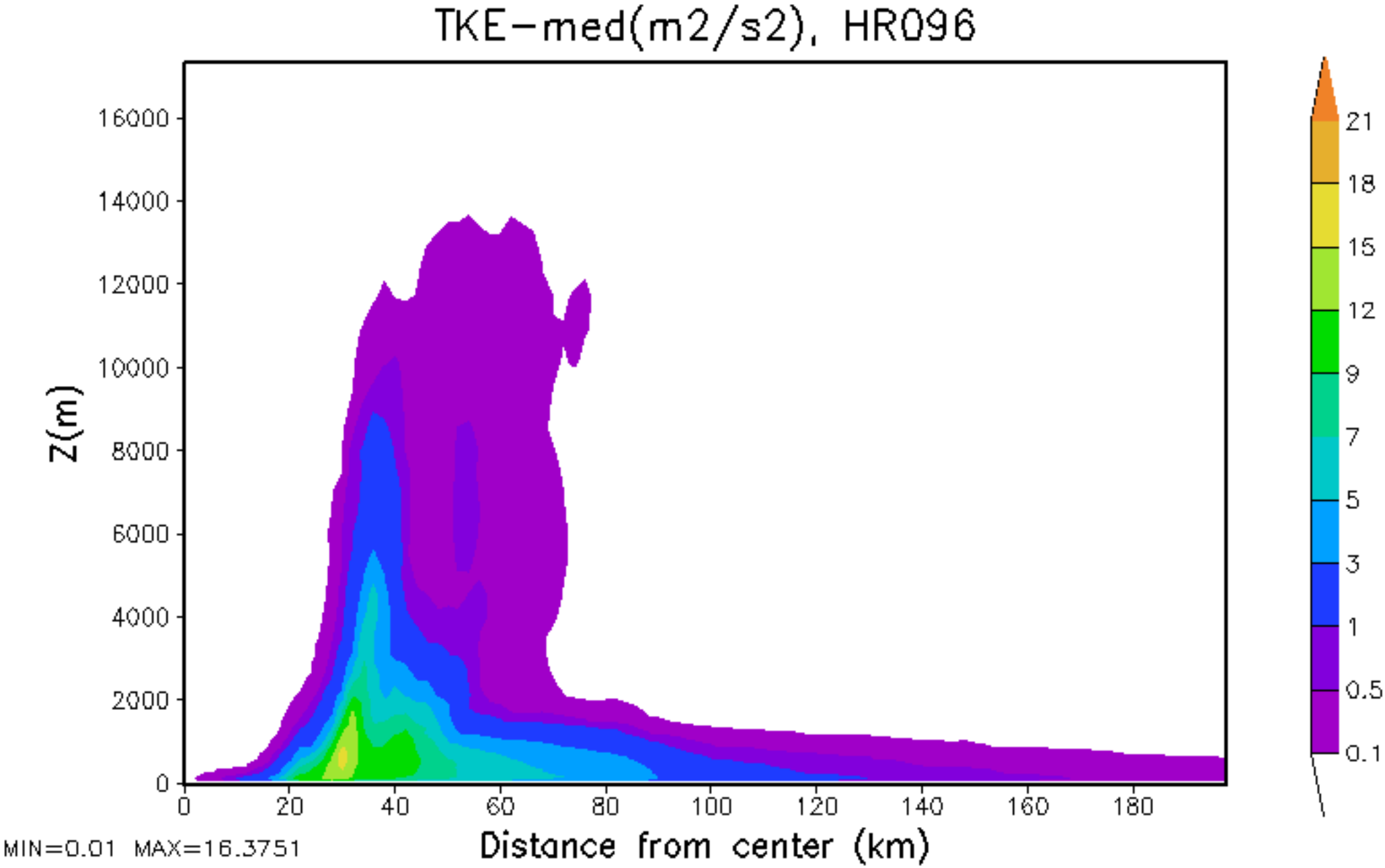
0.1


TKE-med(m2/s2), HR096
Z(m)
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14000
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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=16.3751
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18
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9
7
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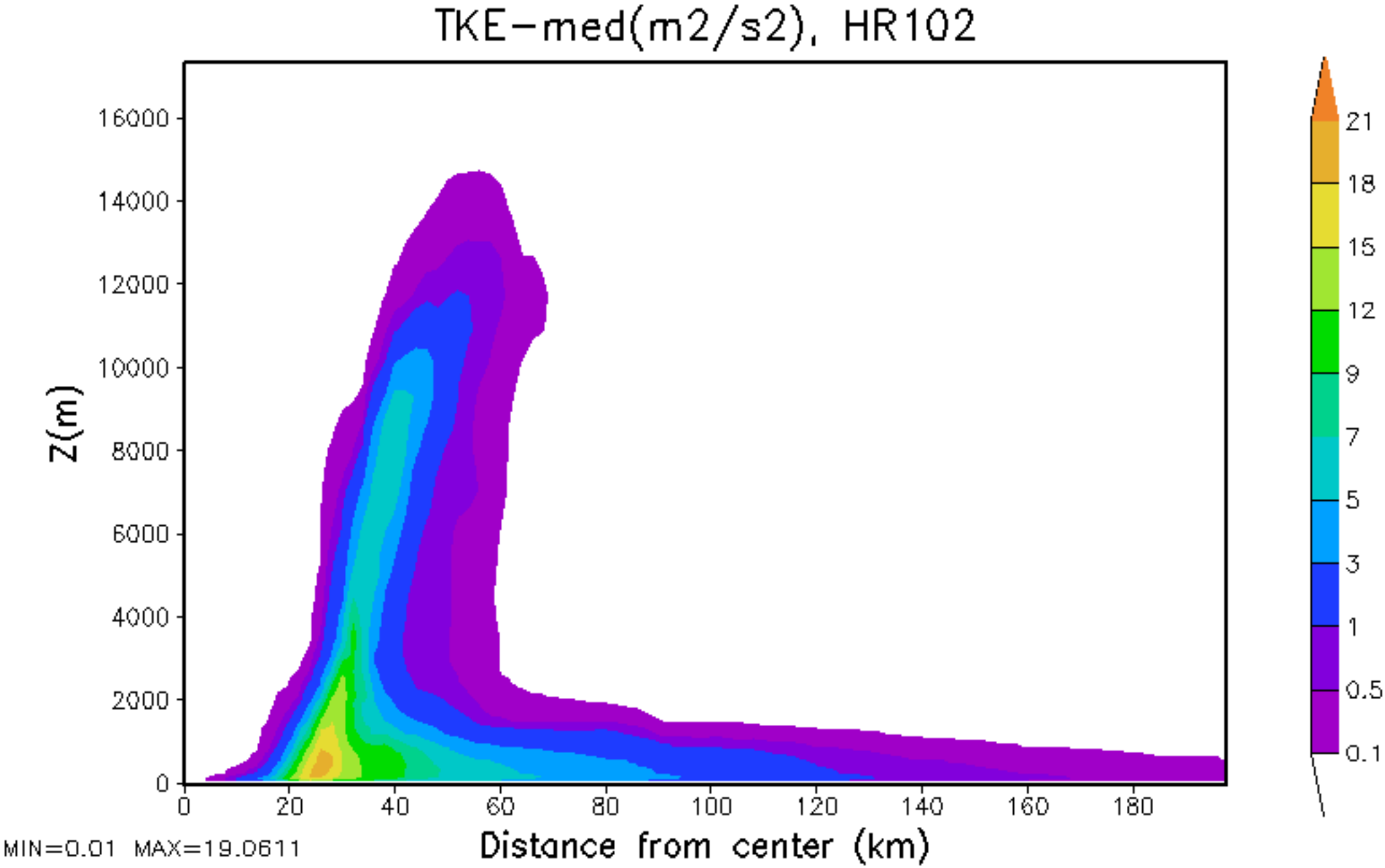
0.5
0.1


TKE-med(m2/s2), HR102
Z(m)
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10000
8000
6000
4000
2000
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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=19.0611
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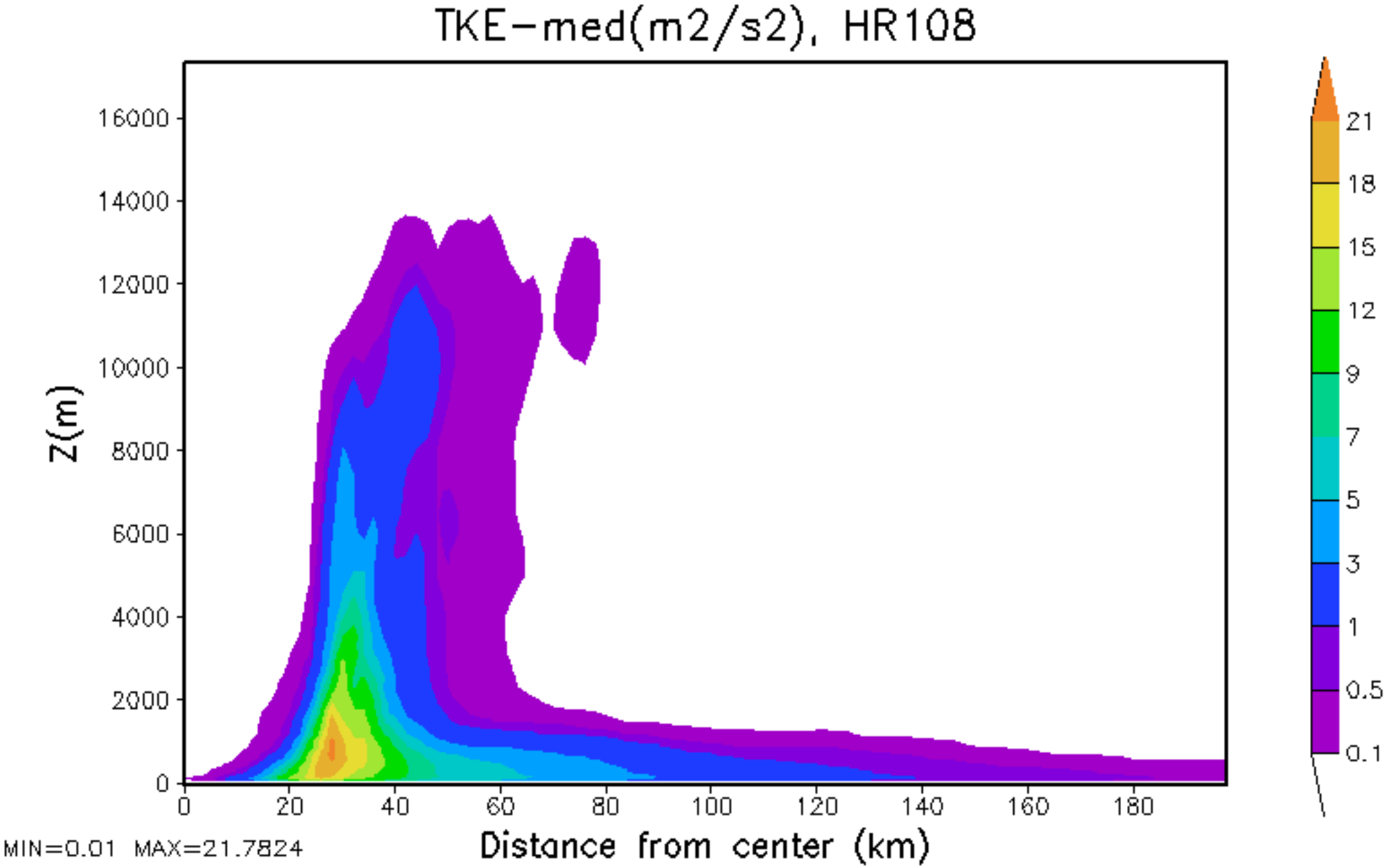
18
15
12
9
7
5
3
1
0.5
0.1


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=21.7824
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18
15
12
9
7
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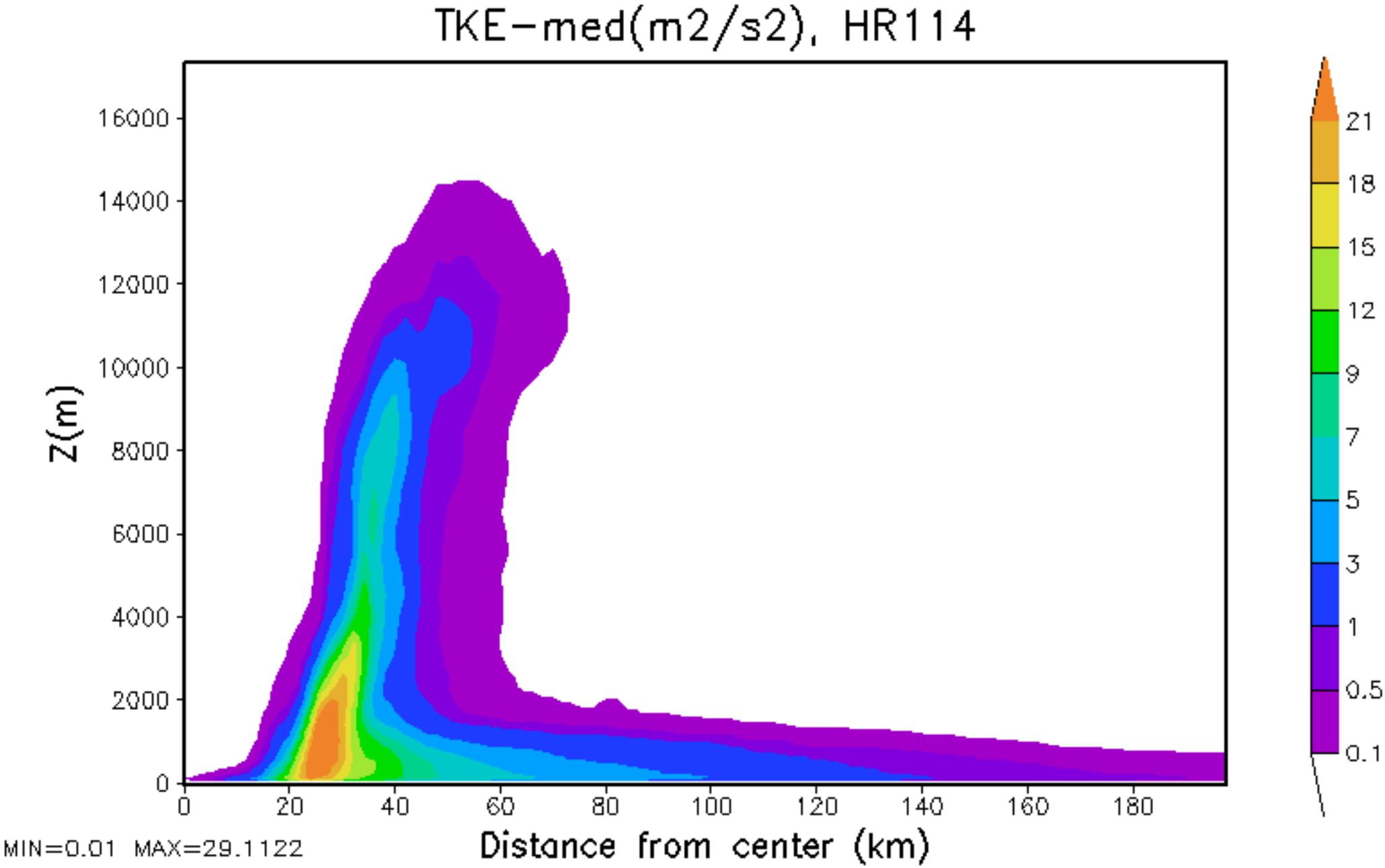
3
1
0.5
0.1


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=29.1122
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12
9
7
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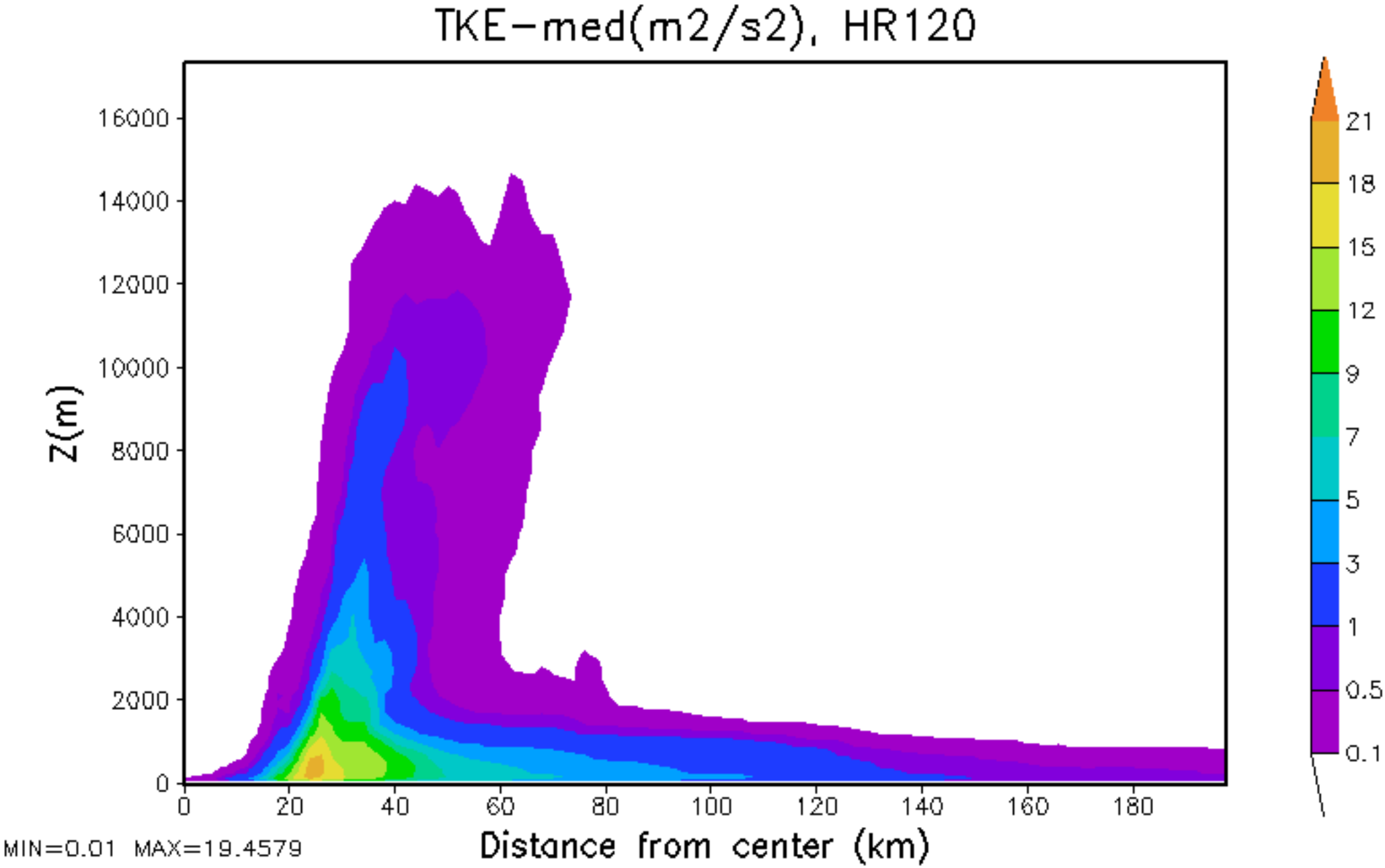
3
1
0.5
0.1


TKE-med(m2/s2), HR120
Z(m)
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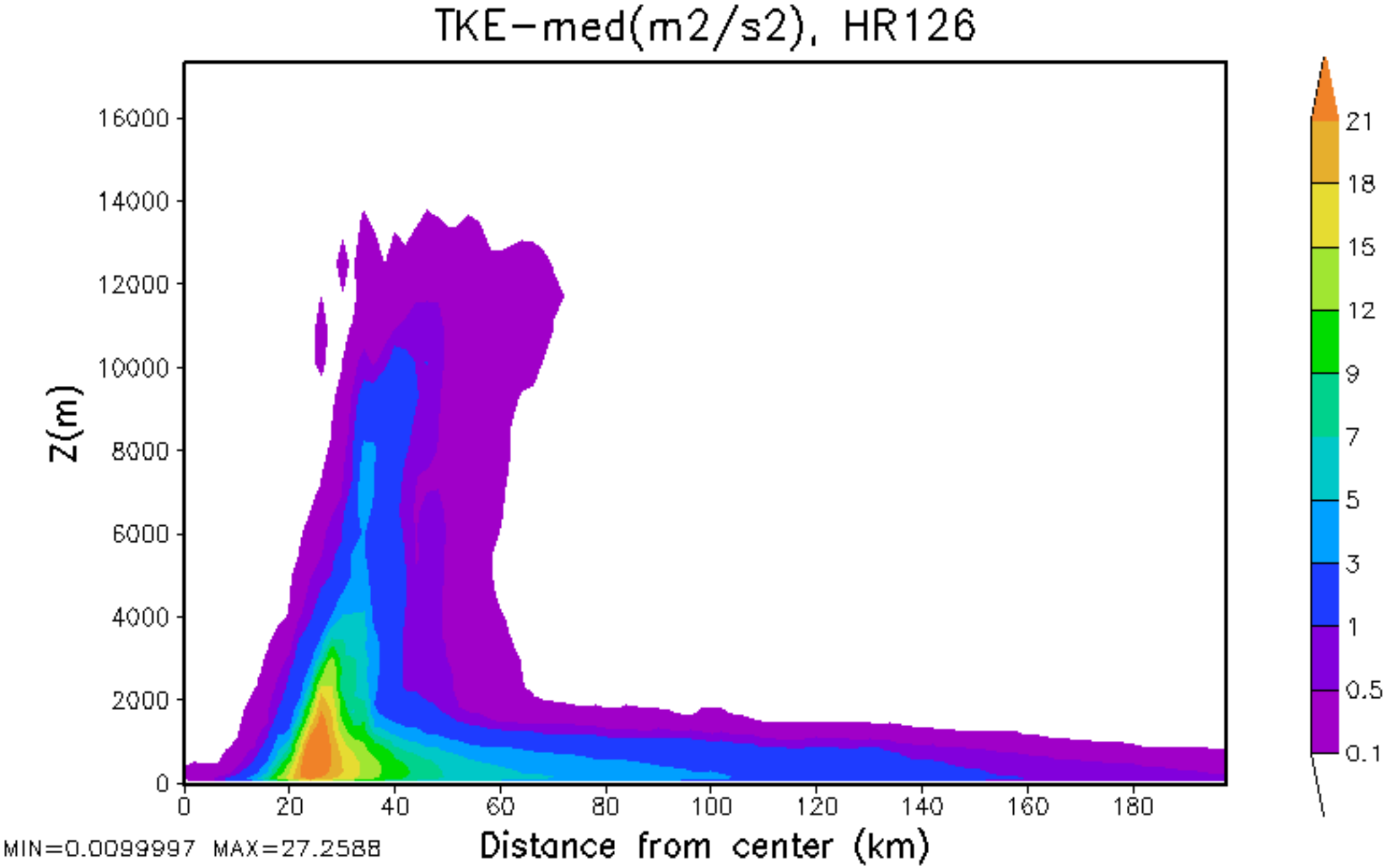
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.01 MAX=19.4579
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE-med(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)
MIN=0.0099997 MAX=27.2588
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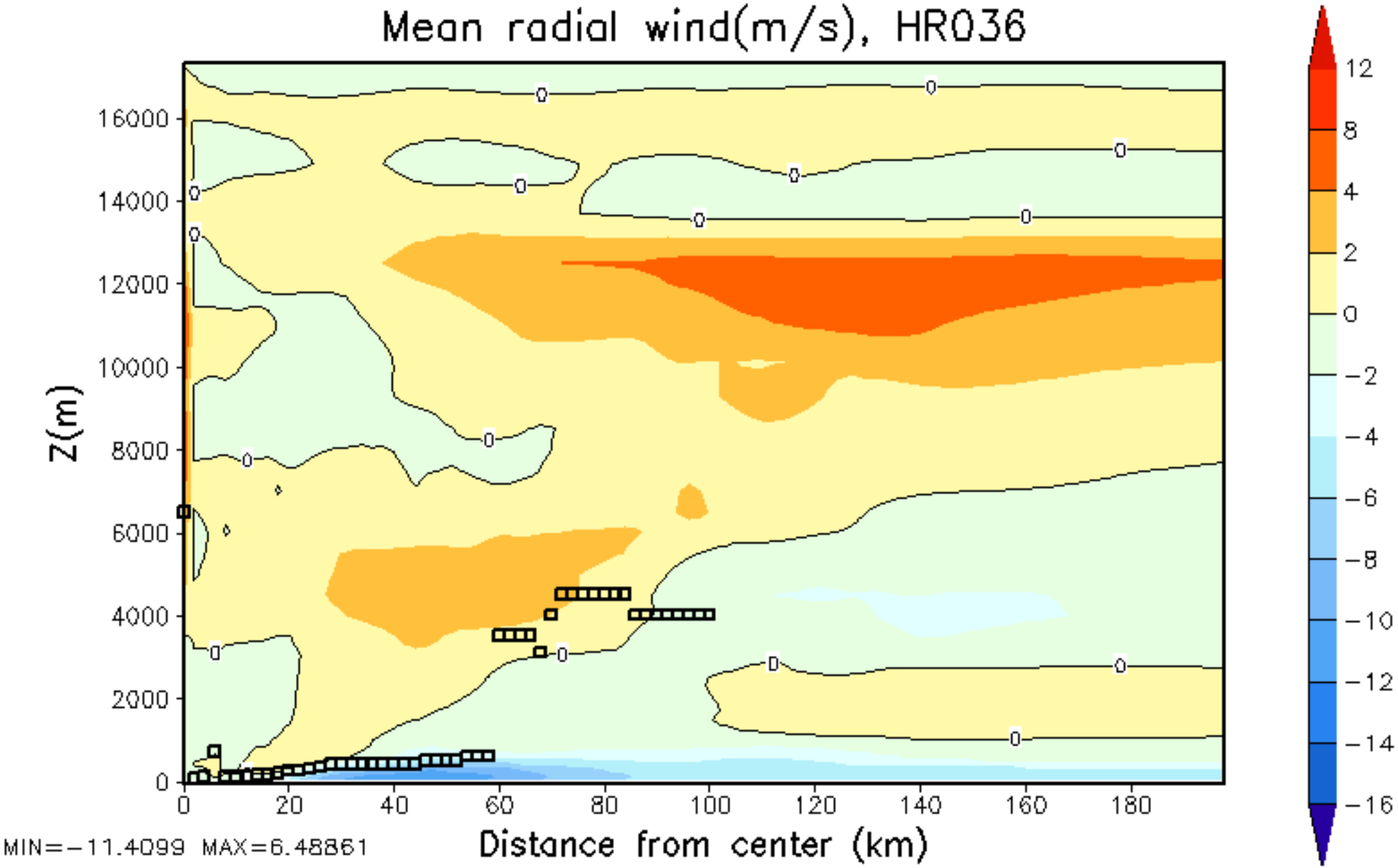
18
15
12
9
7
5
3
1
0.5
0.1


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=-11.4099 MAX=6.48861
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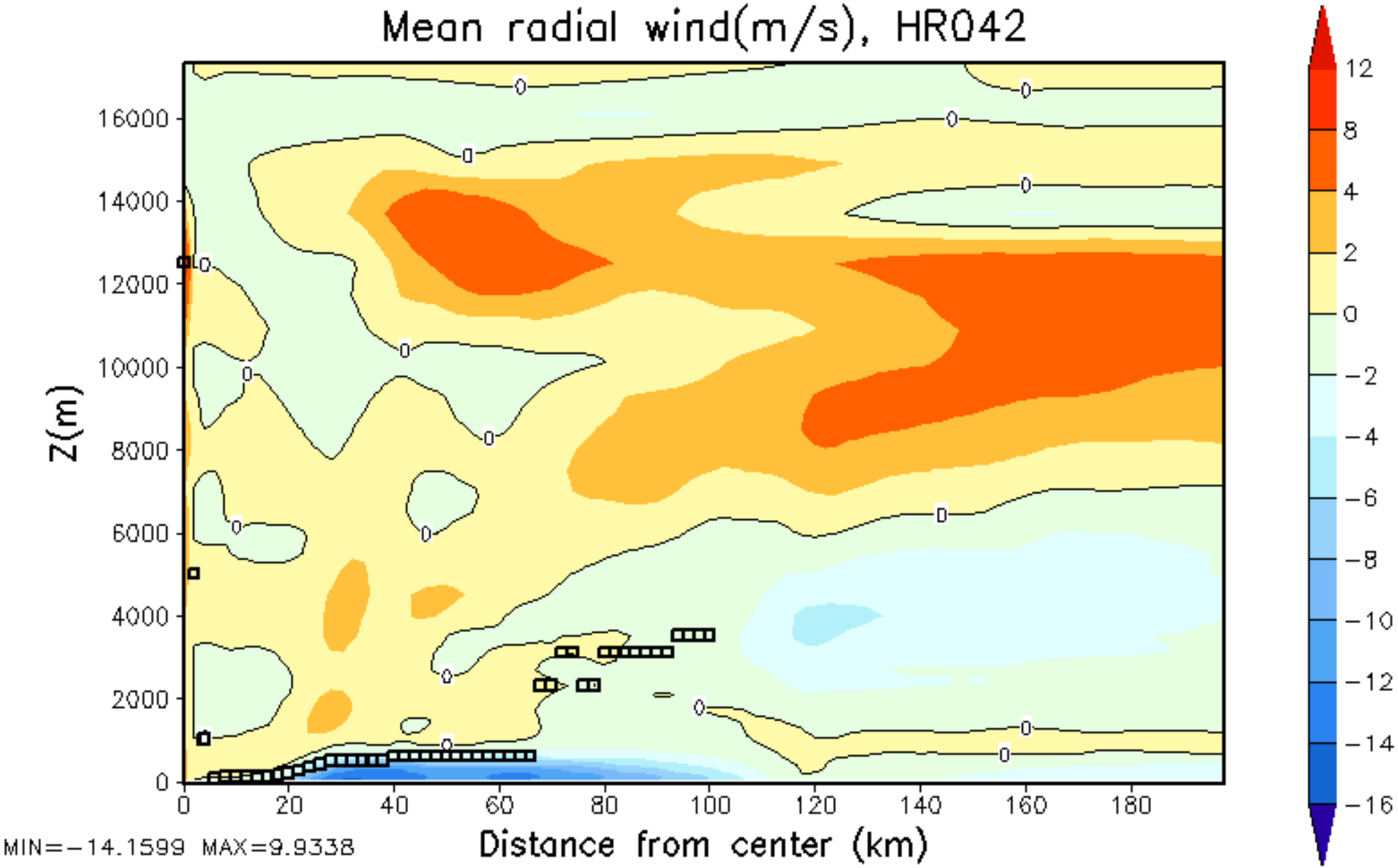
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial 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=-14.1599 MAX=9.9338
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8
4
2
0
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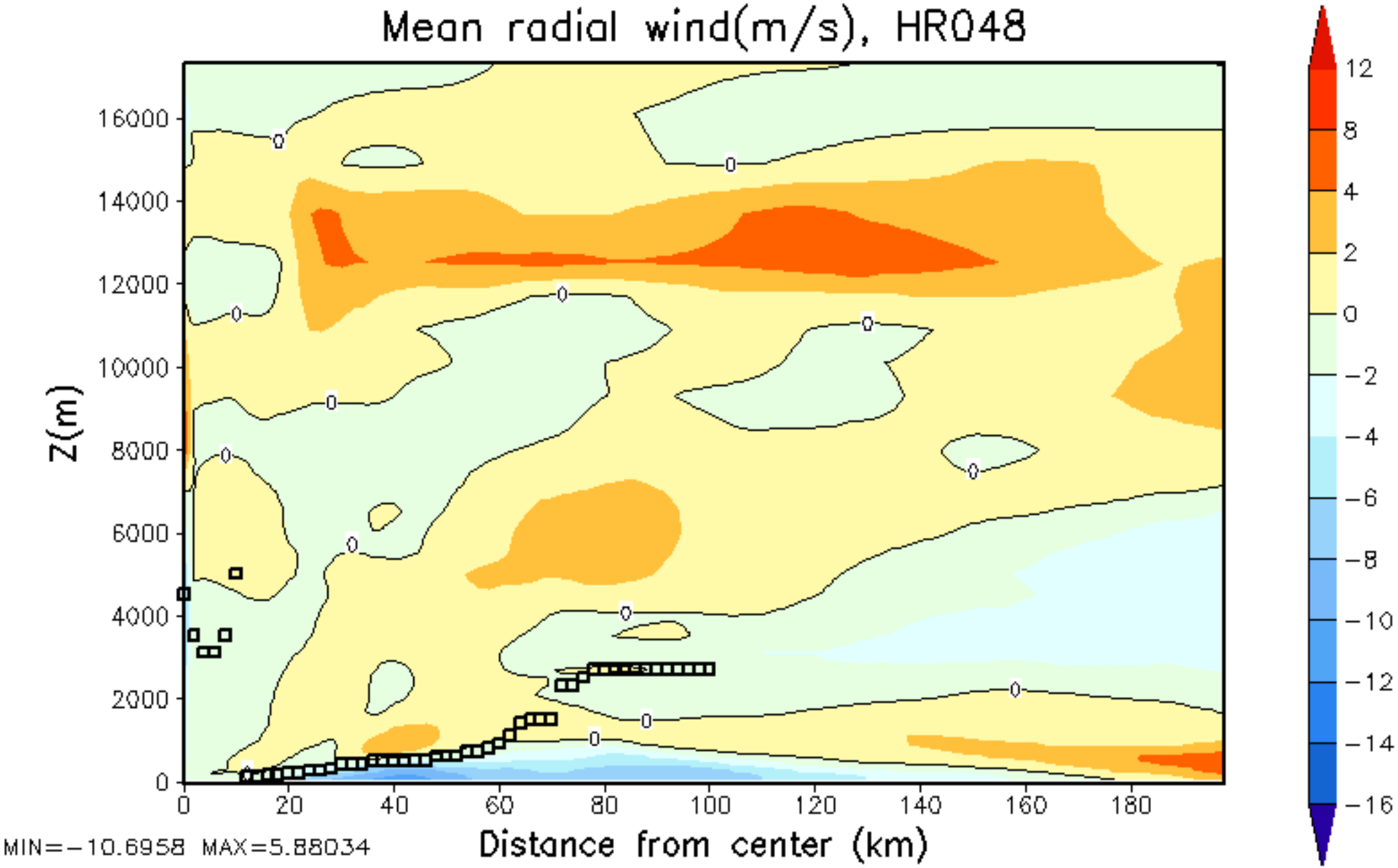
-4
-6
-8
-10
-12
-14
-16


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=-10.6958 MAX=5.88034
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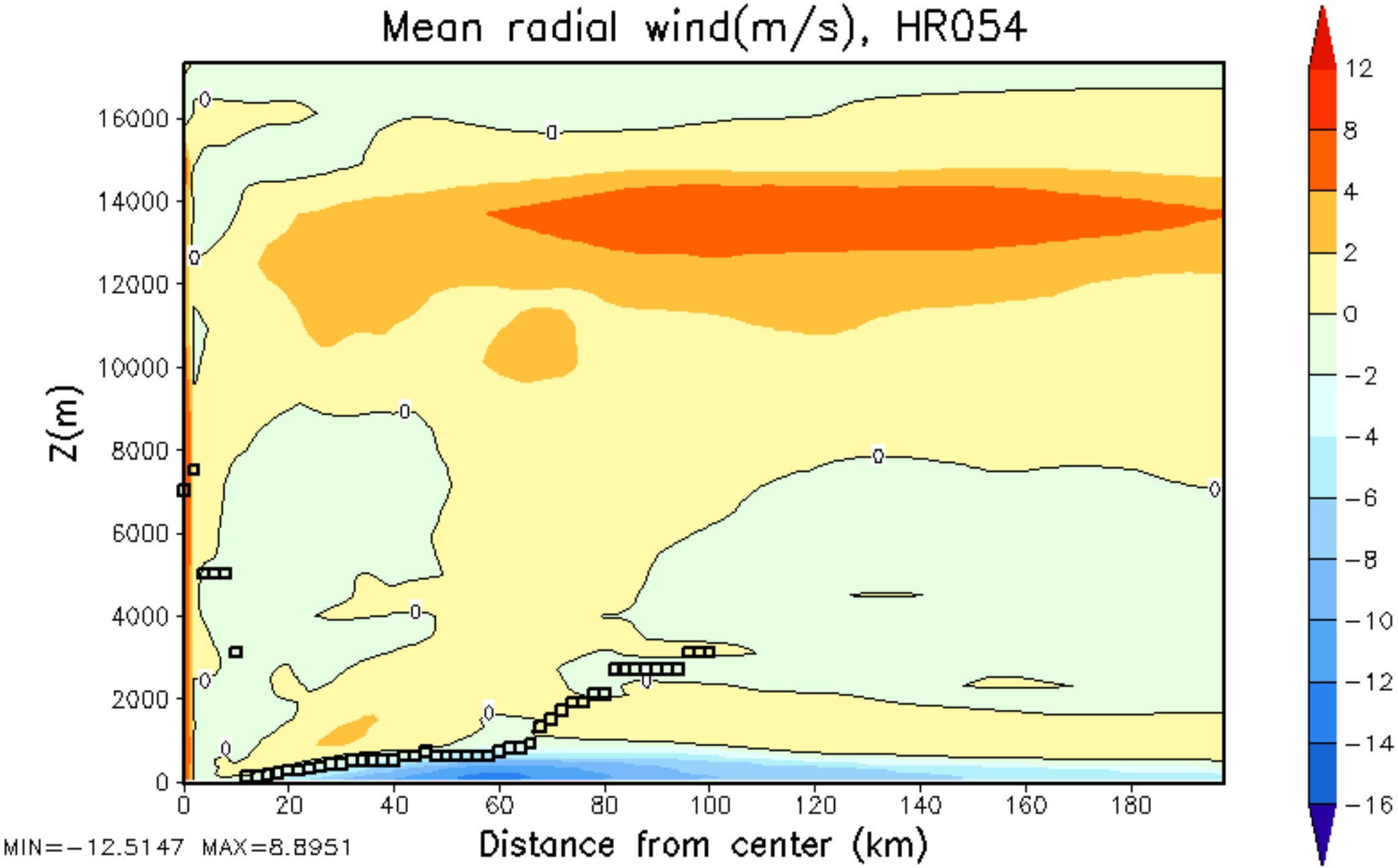
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


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=-12.5147 MAX=8.8951
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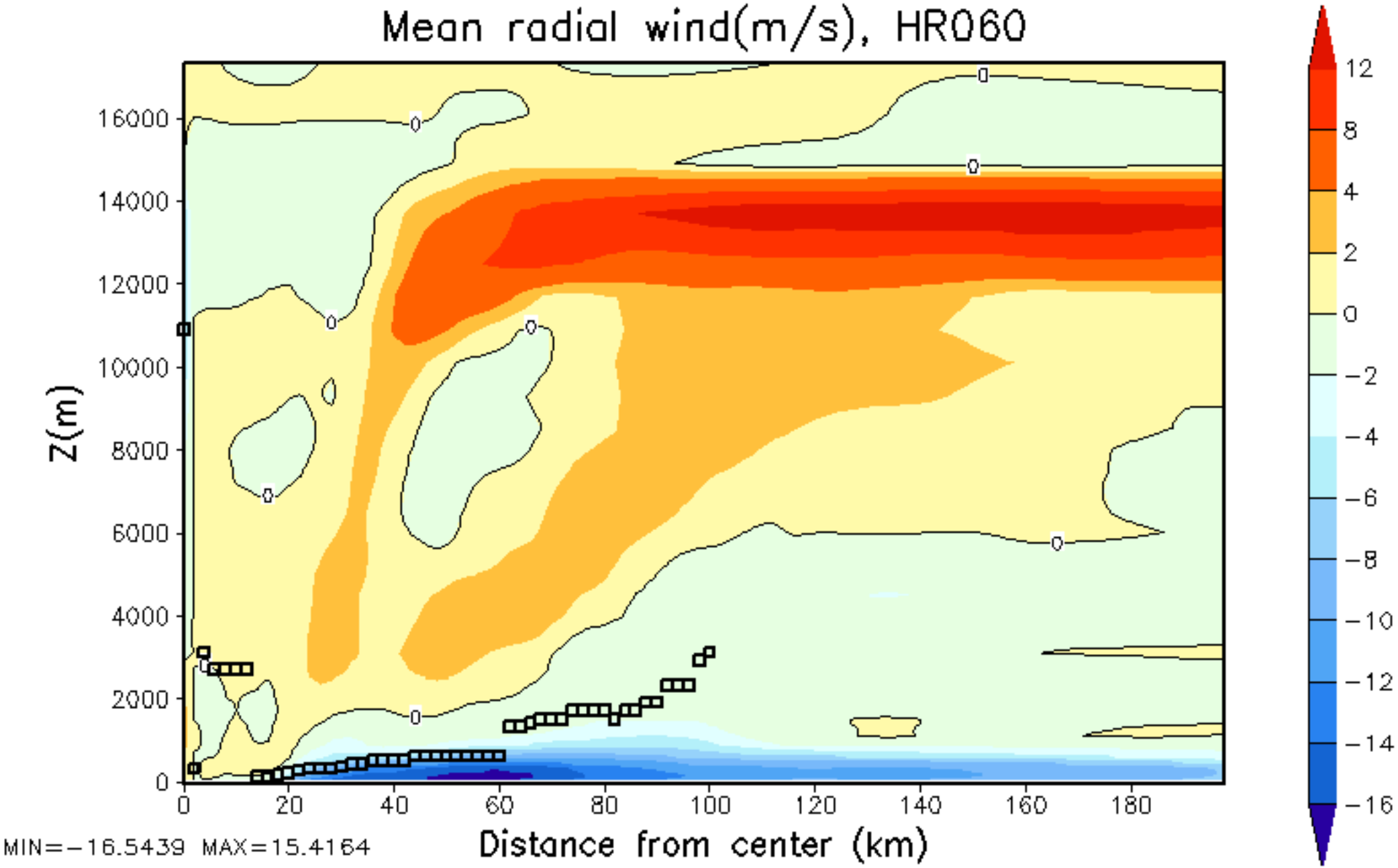
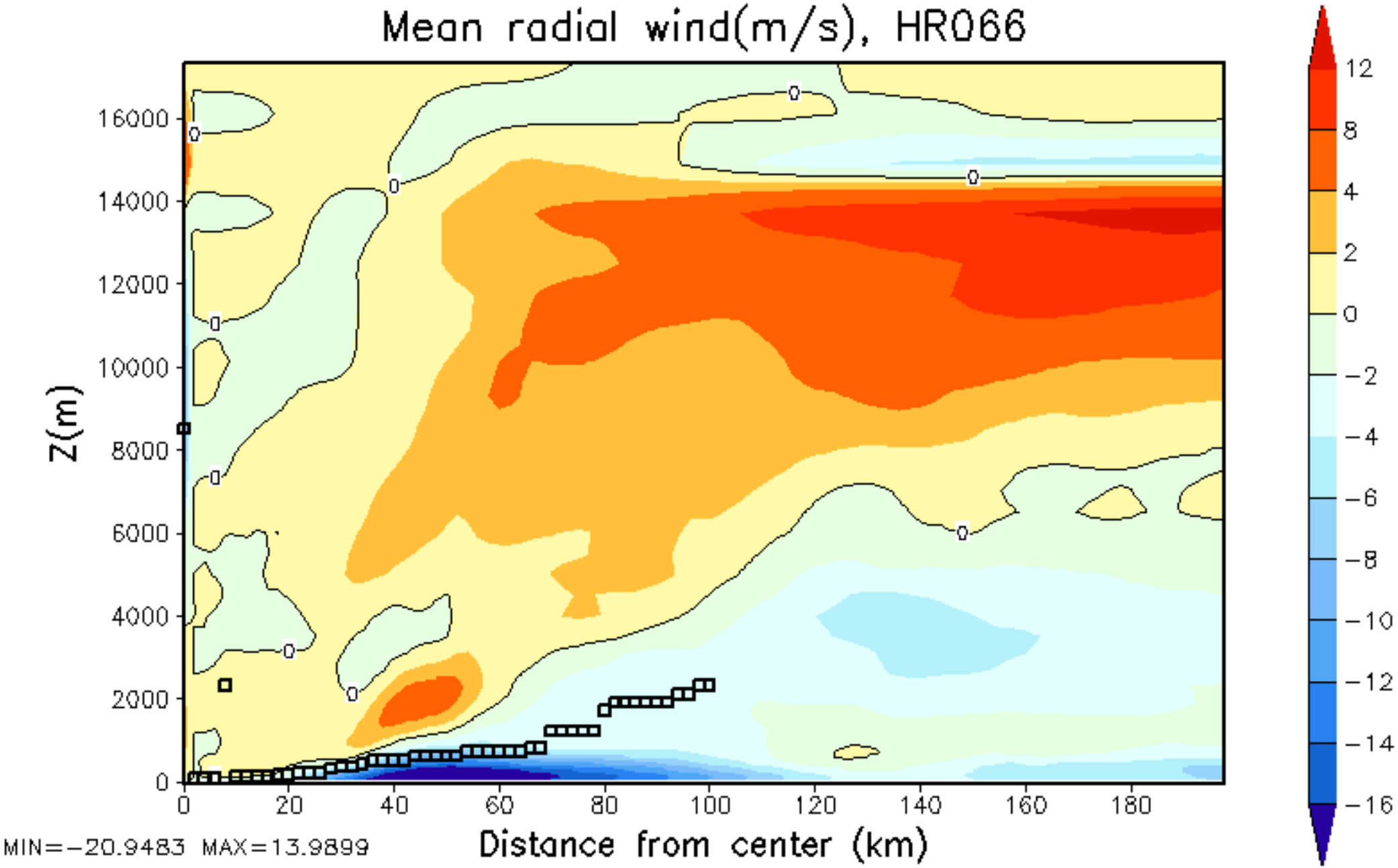
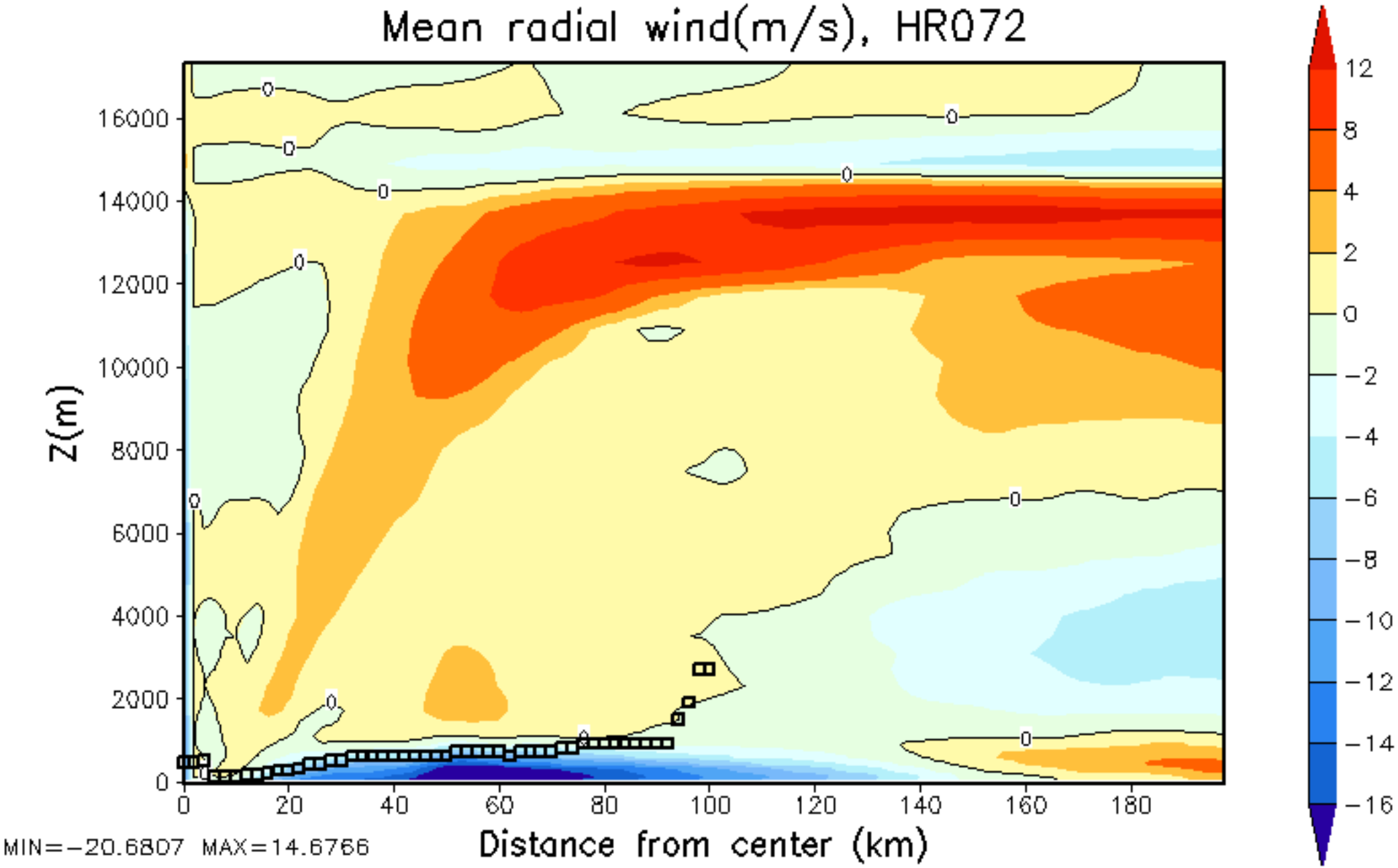
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


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=−16.5439 MAX=15.4164
12
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=-20.9483 MAX=13.9899
12
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=-20.6807 MAX=14.6766
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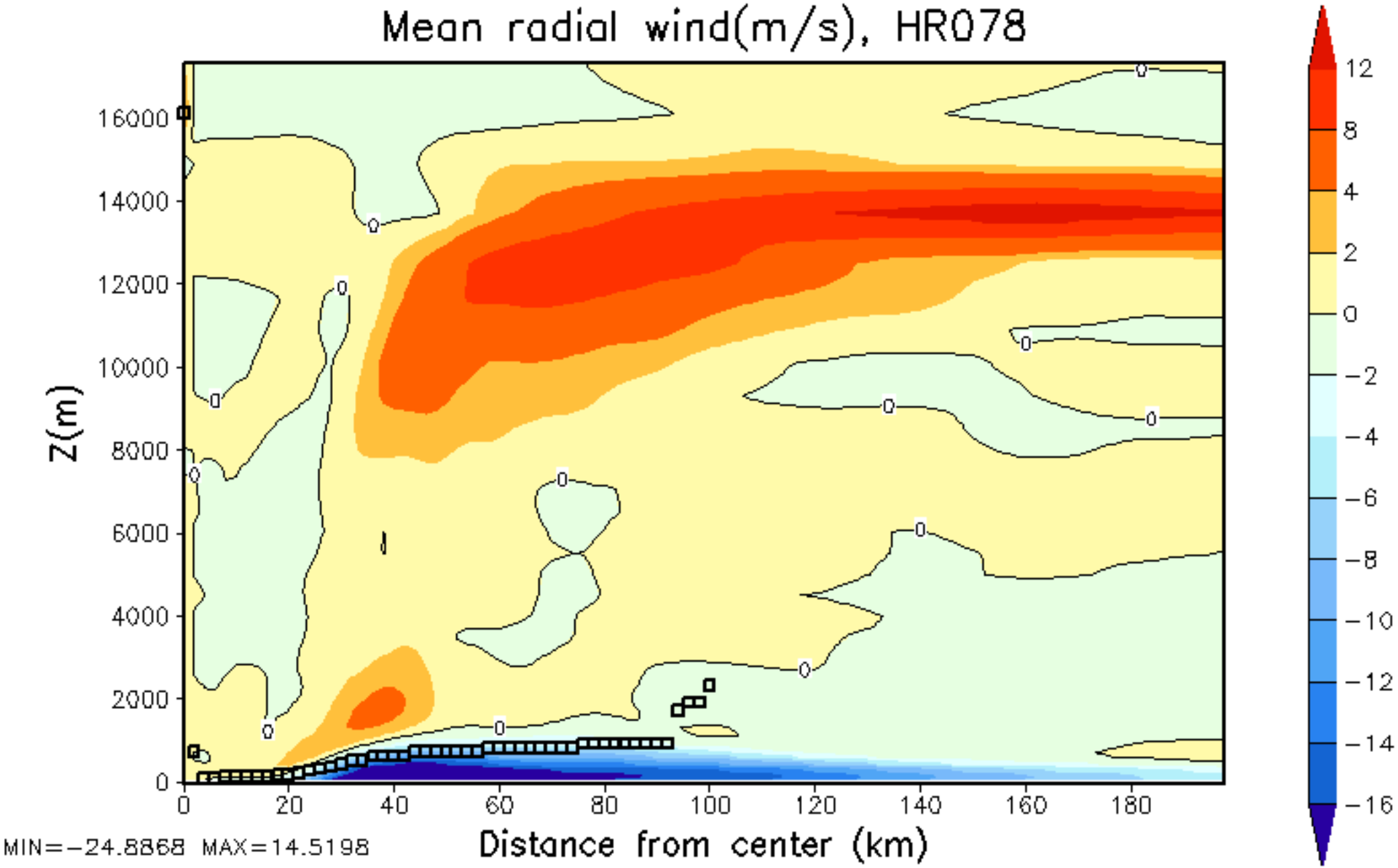
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR078
Z(m)
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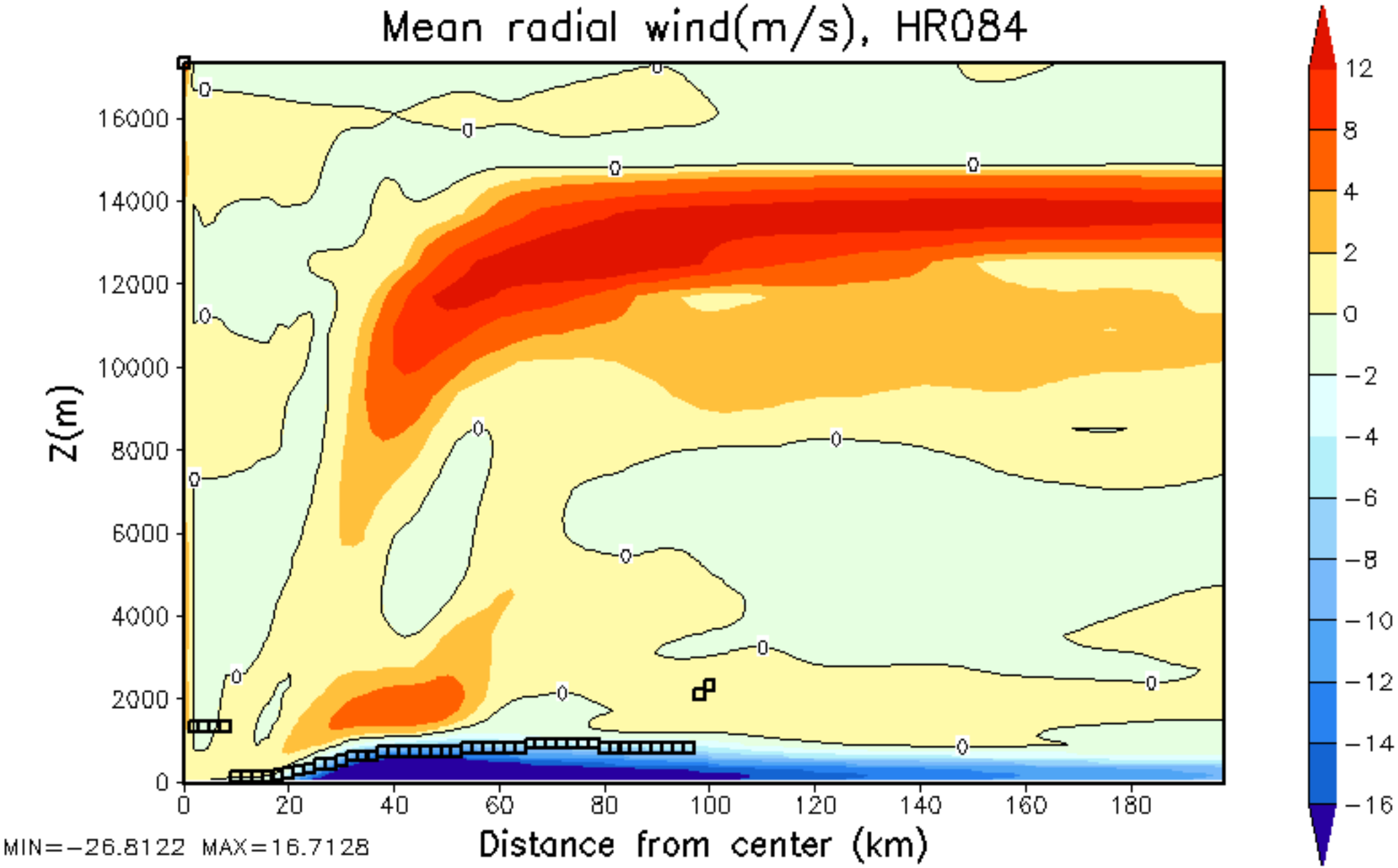
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-24.8868 MAX=14.5198
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial 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=-26.8122 MAX=16.7128
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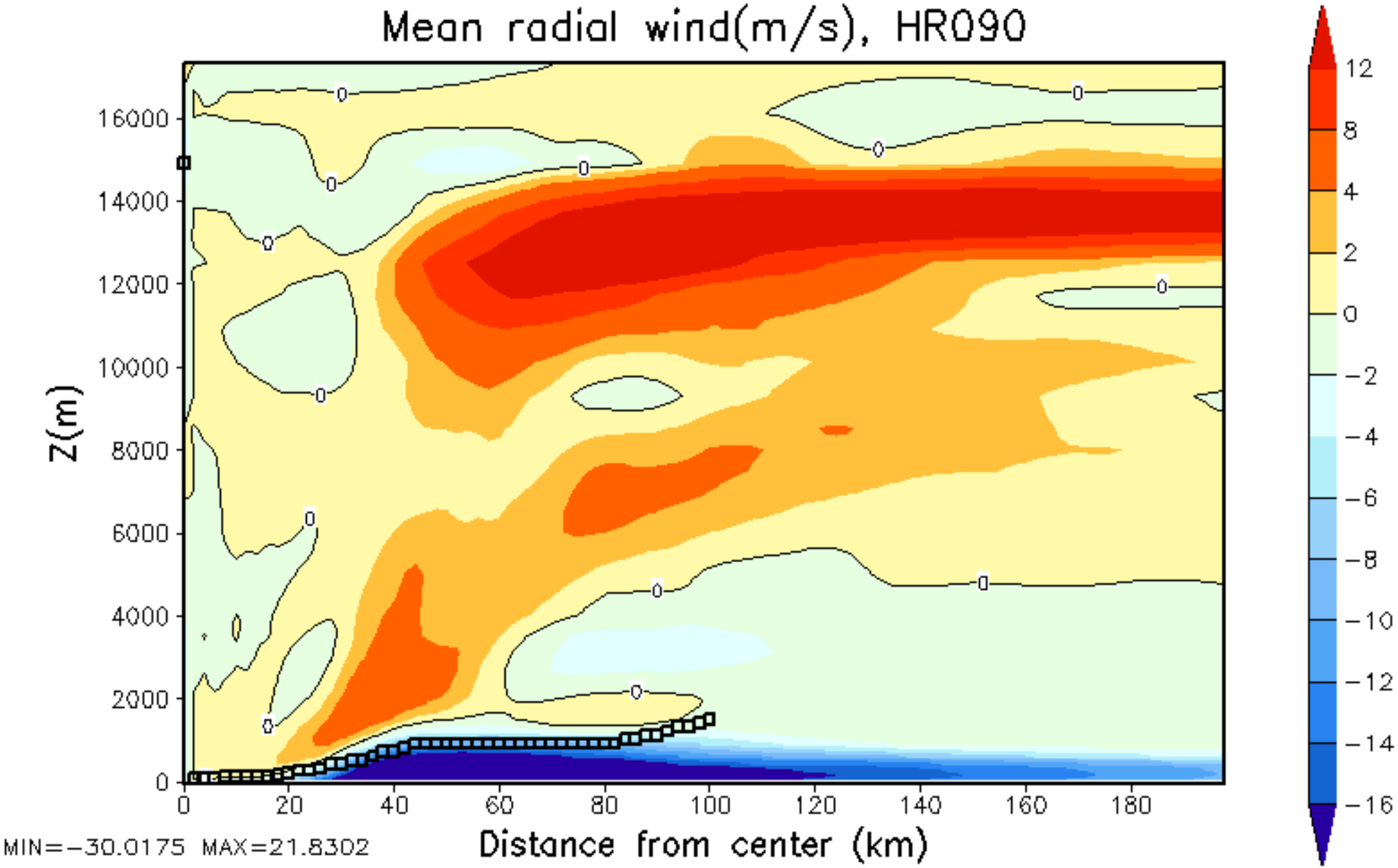
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial 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=-30.0175 MAX=21.8302
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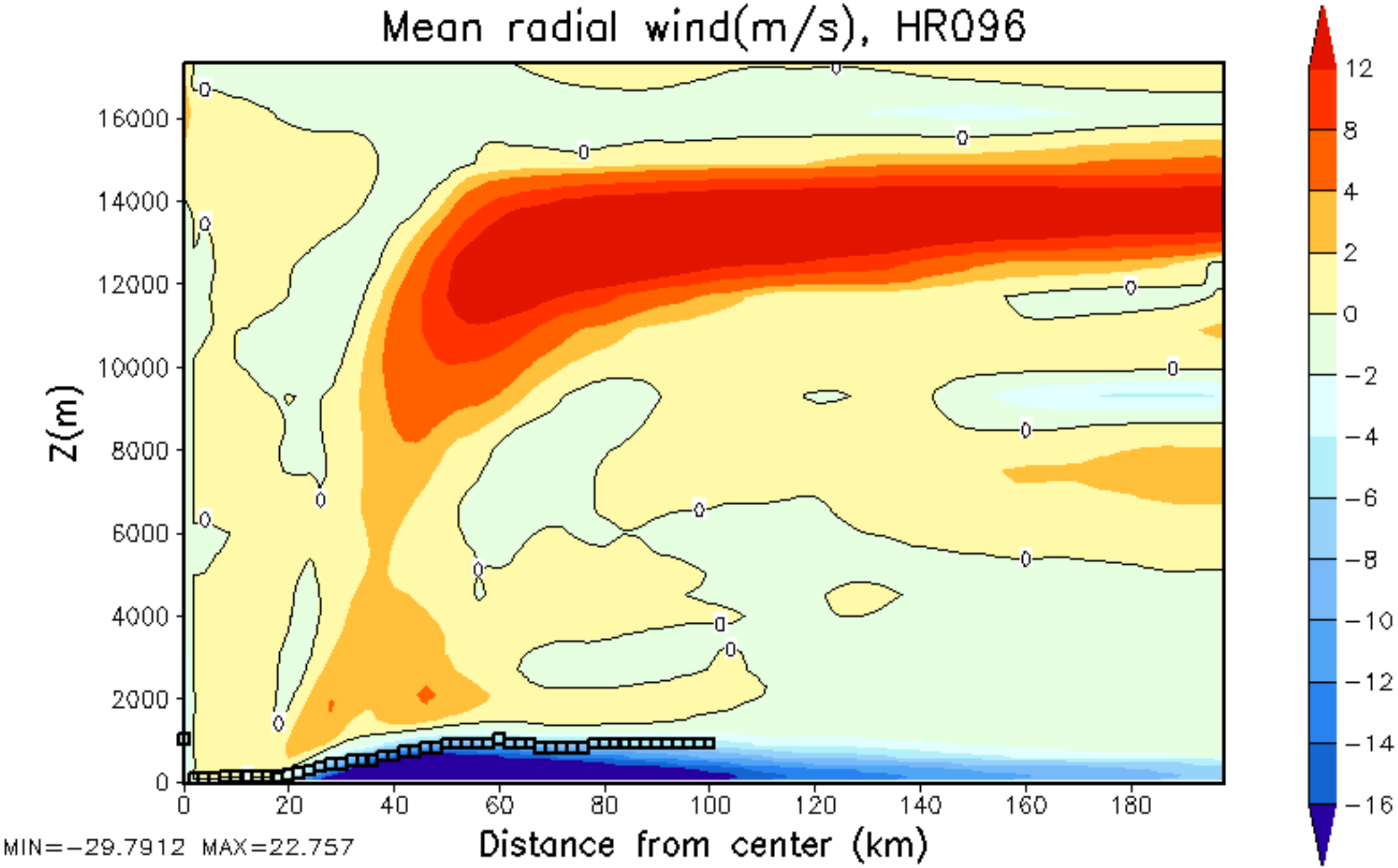
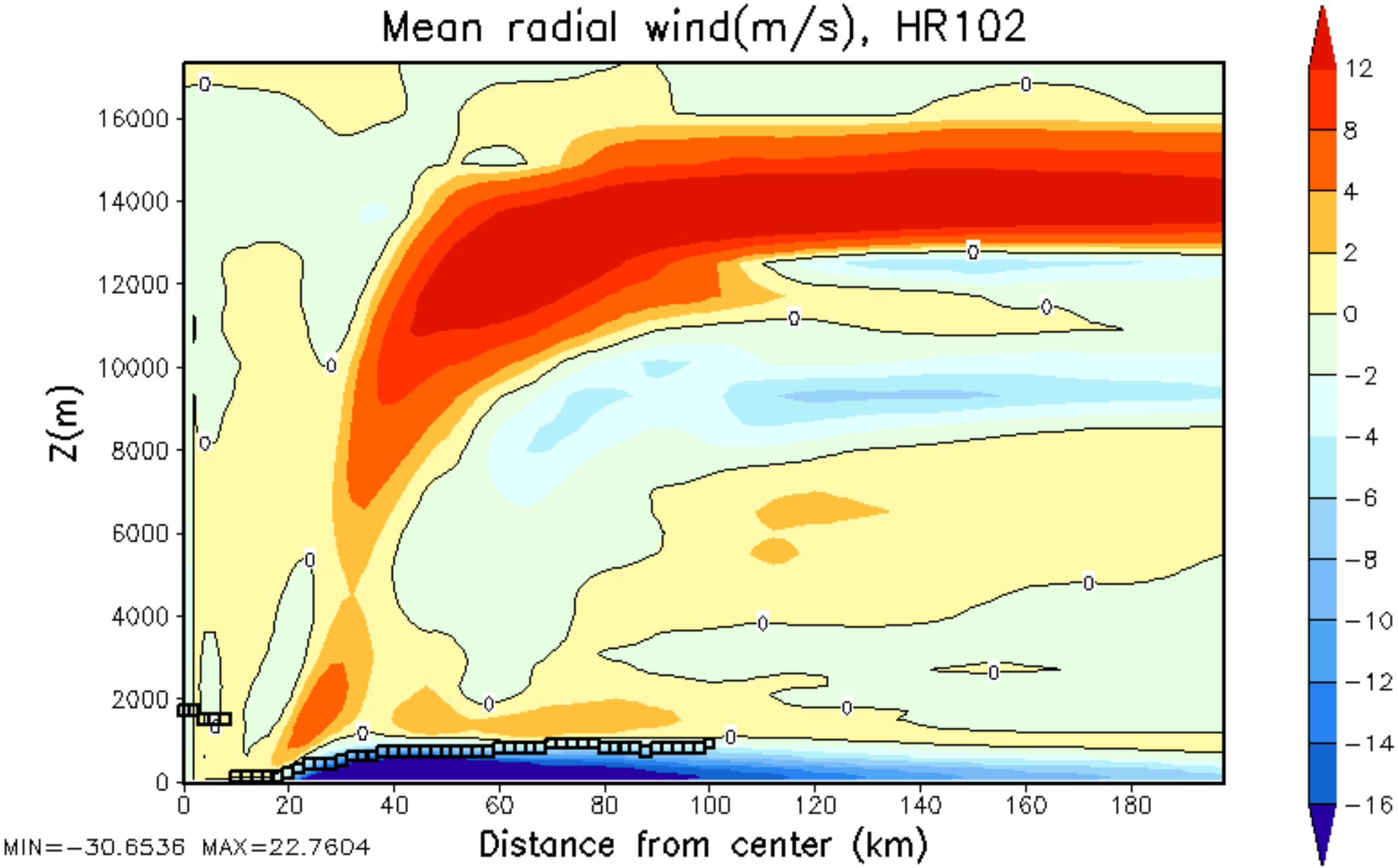
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


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=-29.7912 MAX=22.757
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial 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=-30.6536 MAX=22.7604
12
8
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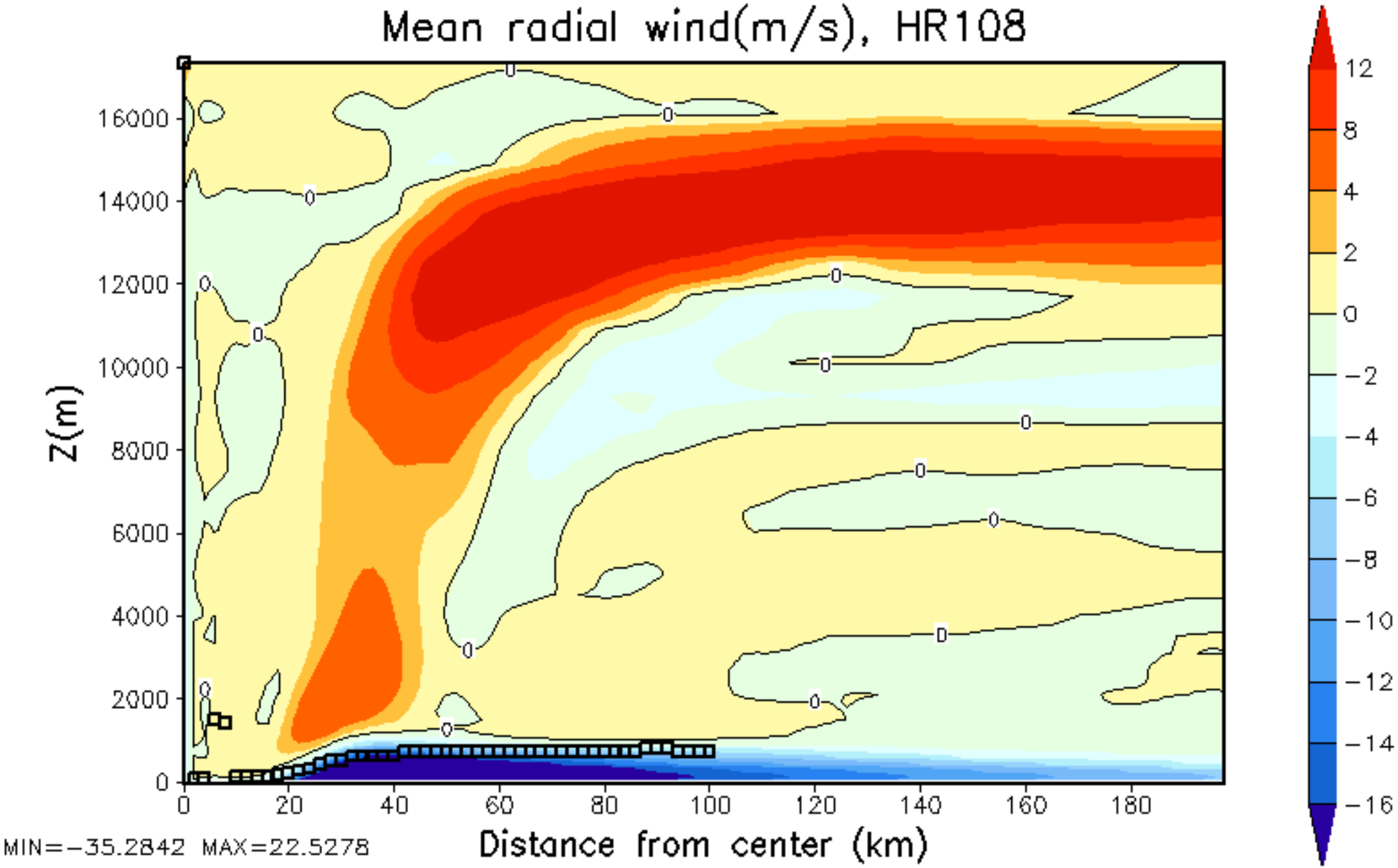
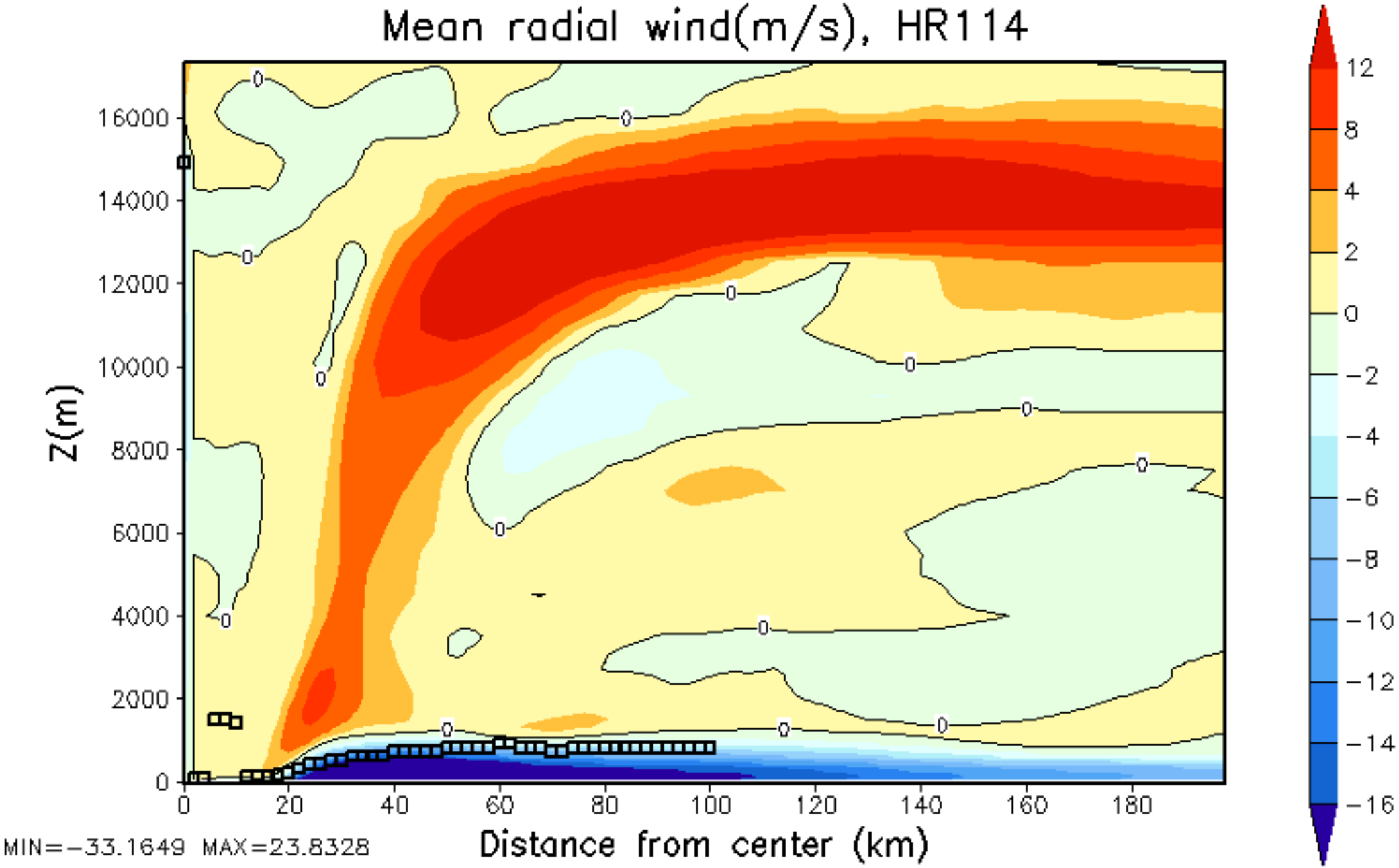
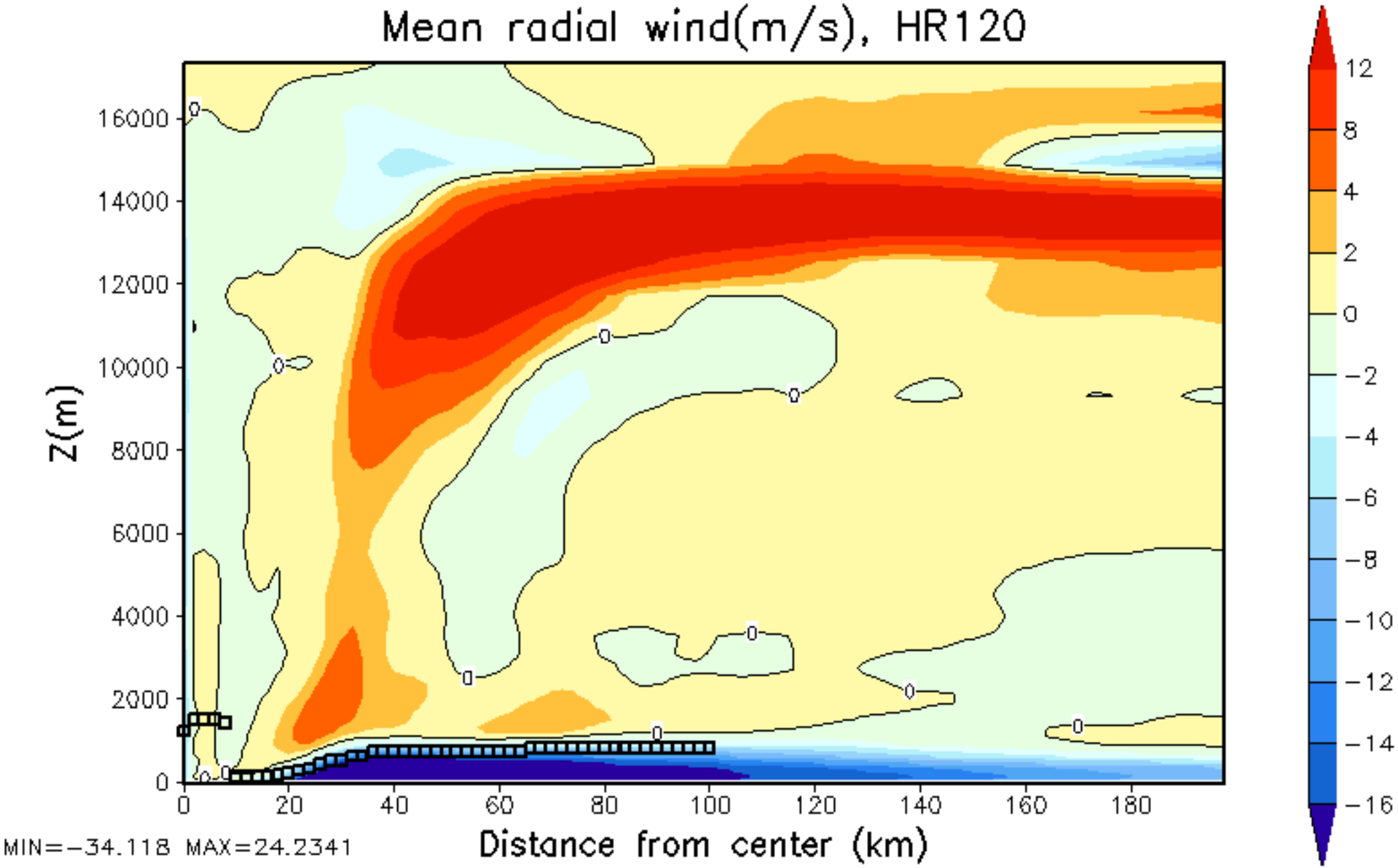
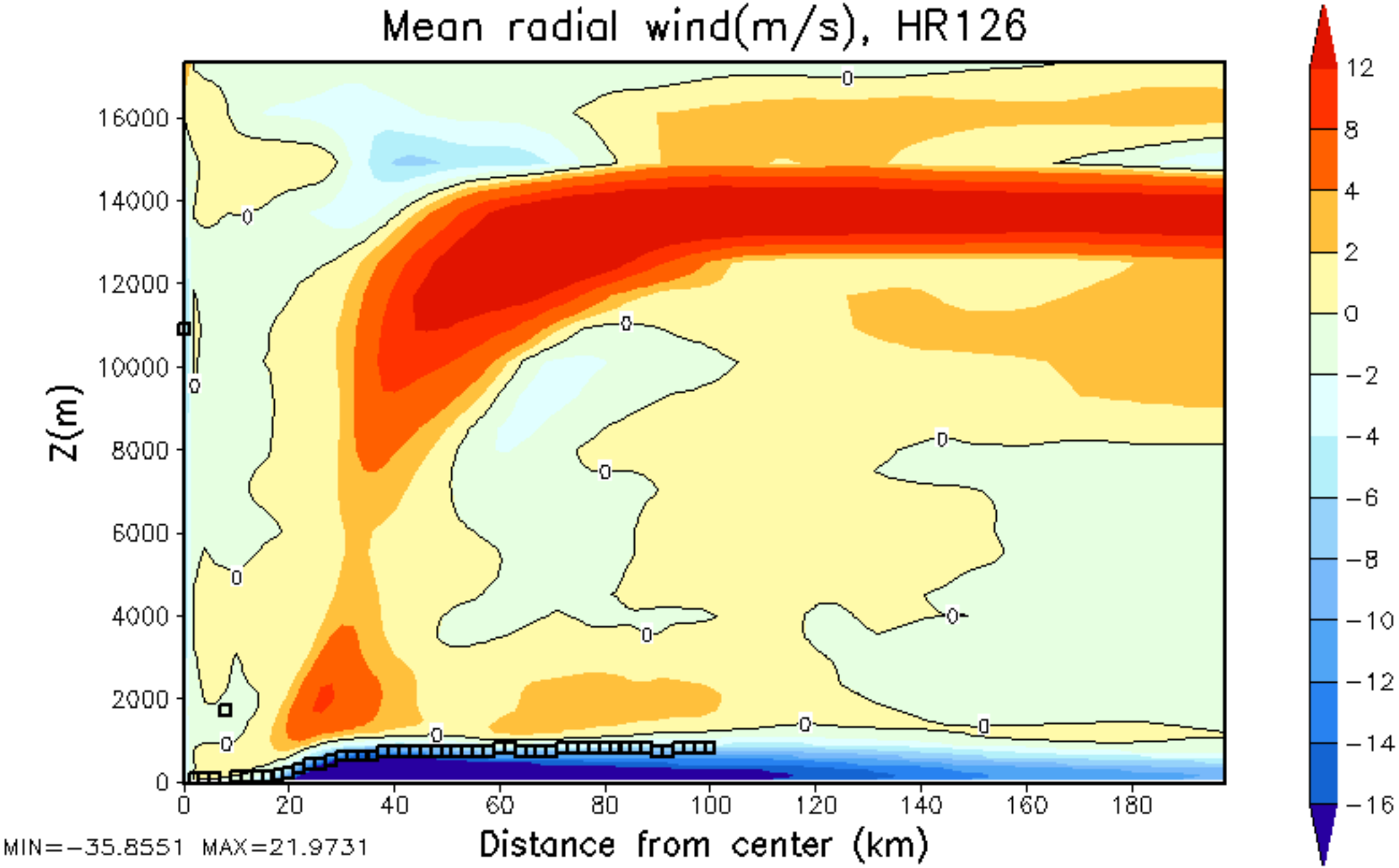
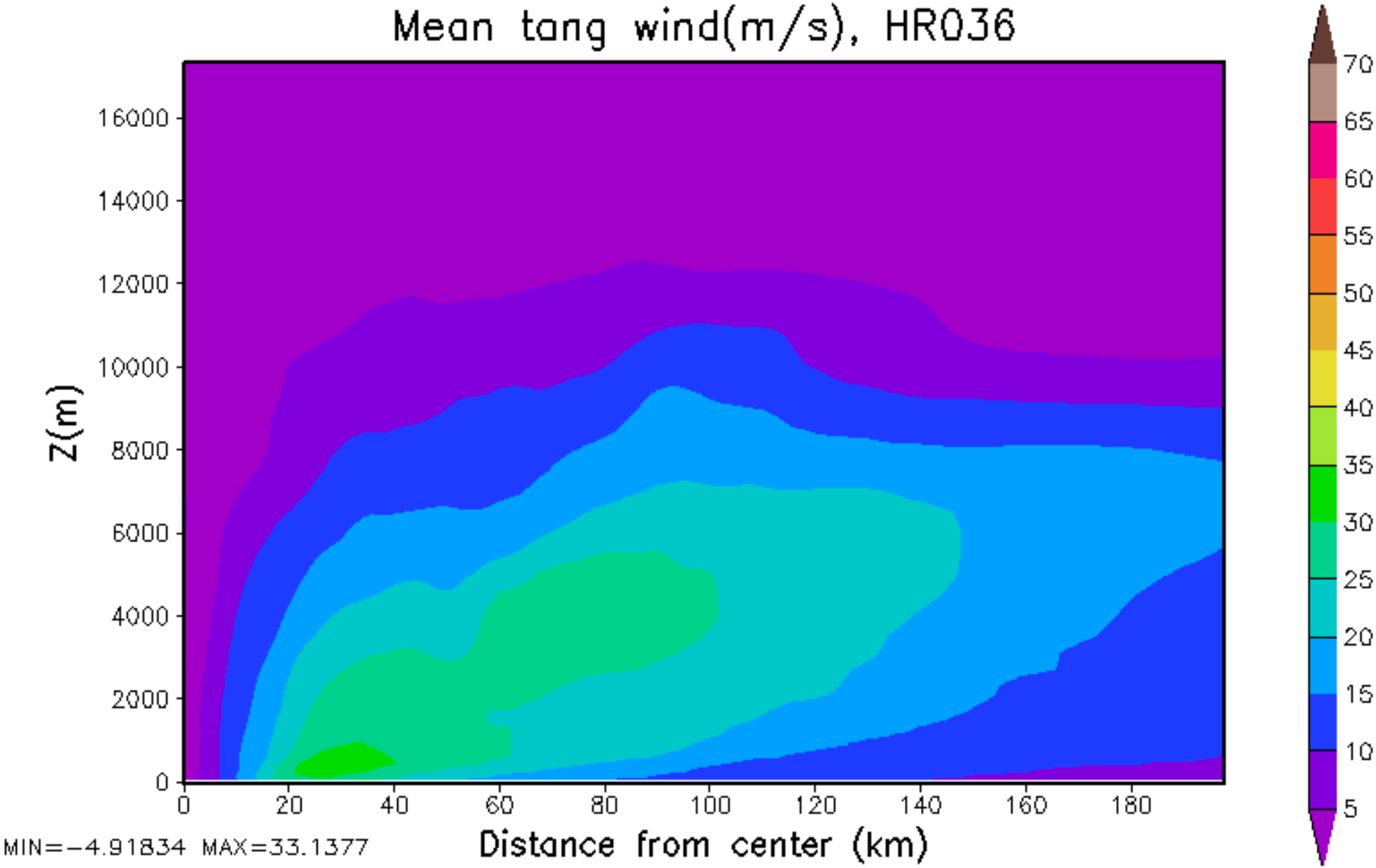
2
0
-2
-4
-6
-8
-10
-12
-14
-16

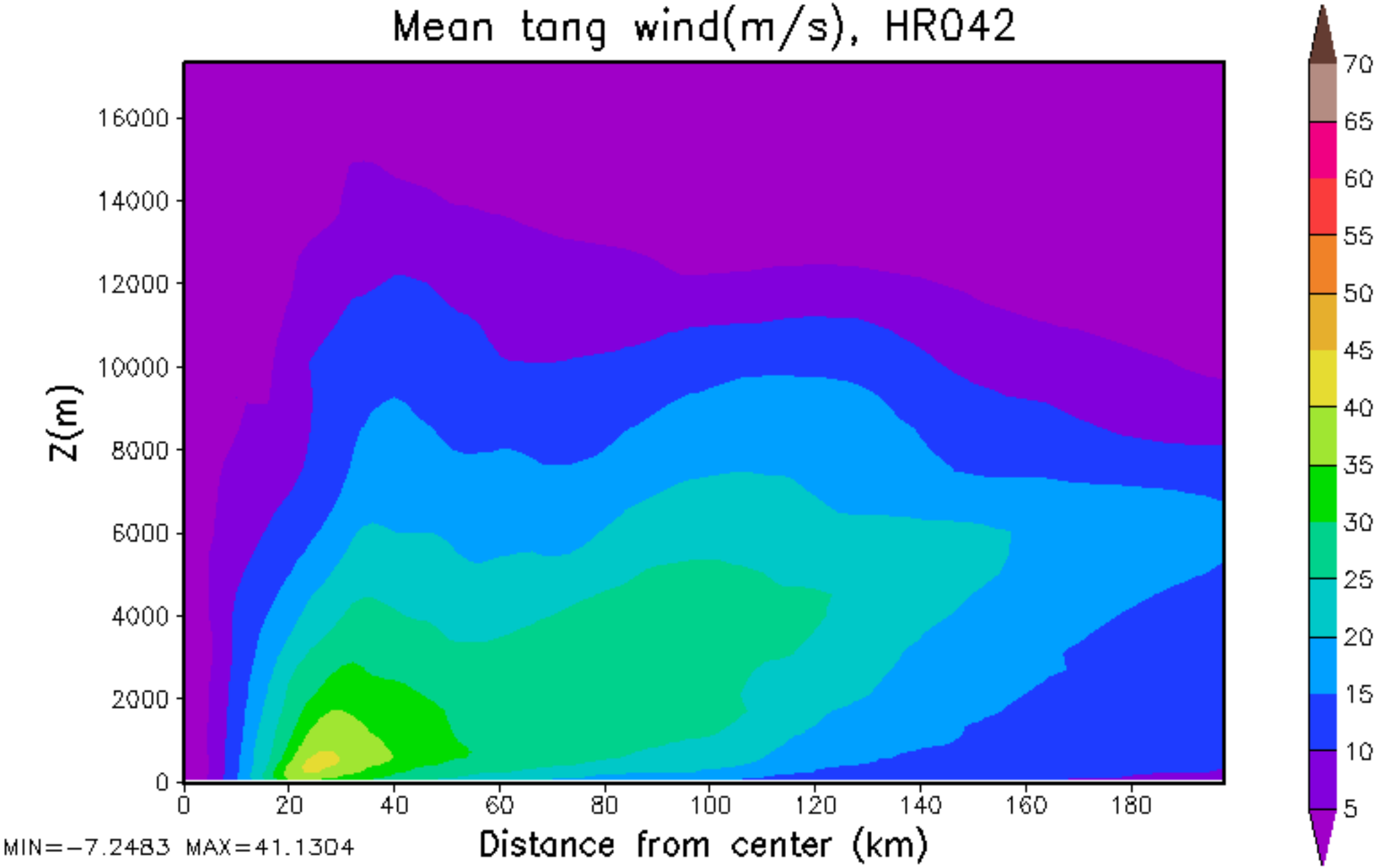

Mean radial wind(m/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-35.2842 MAX=22.5278
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

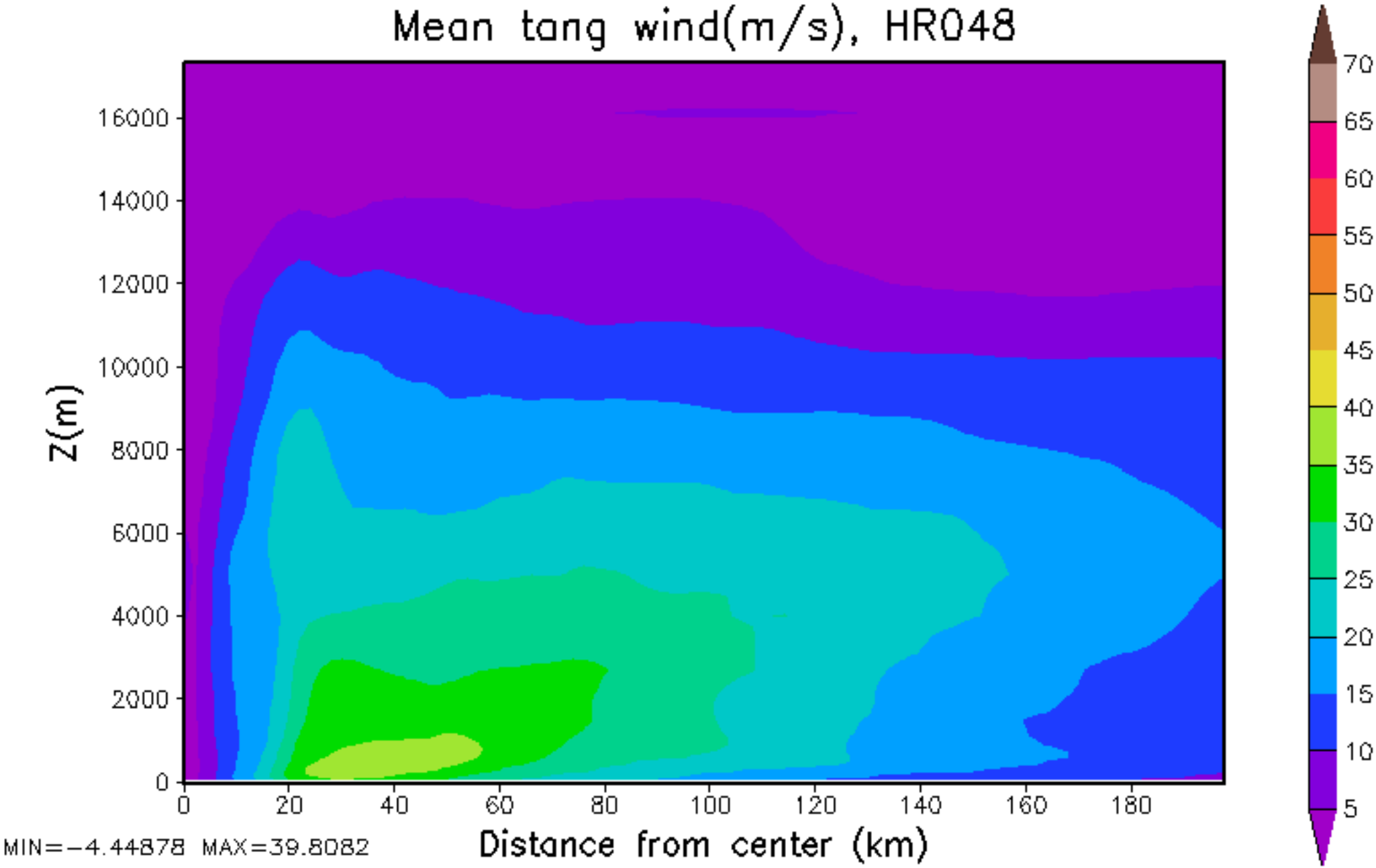

Mean radial wind(m/s), HR114
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-33.1649 MAX=23.8328
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

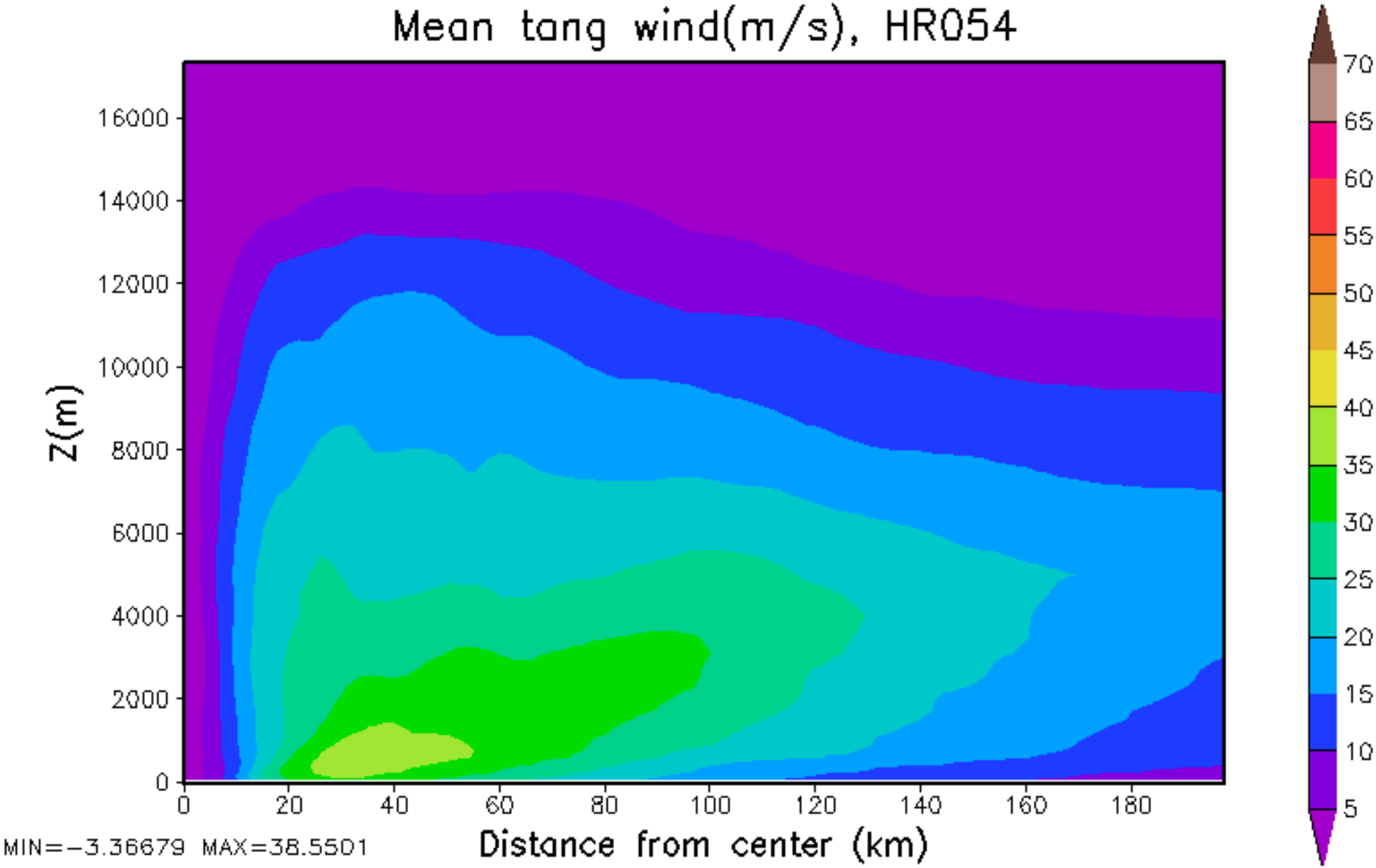

Mean radial wind(m/s), HR120
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-34.118 MAX=24.2341
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

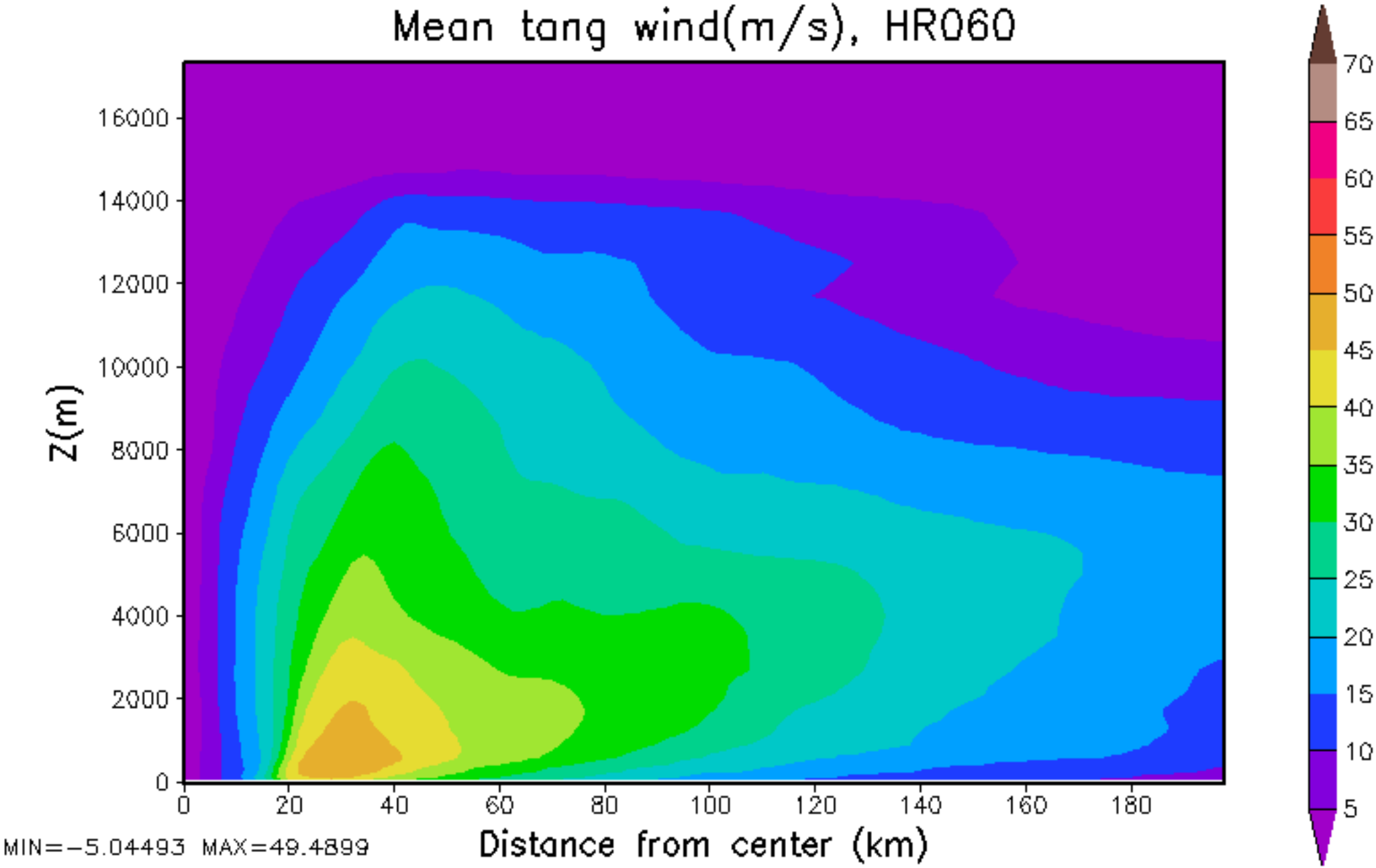

Mean radial wind(m/s), HR126
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-35.8551 MAX=21.9731
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

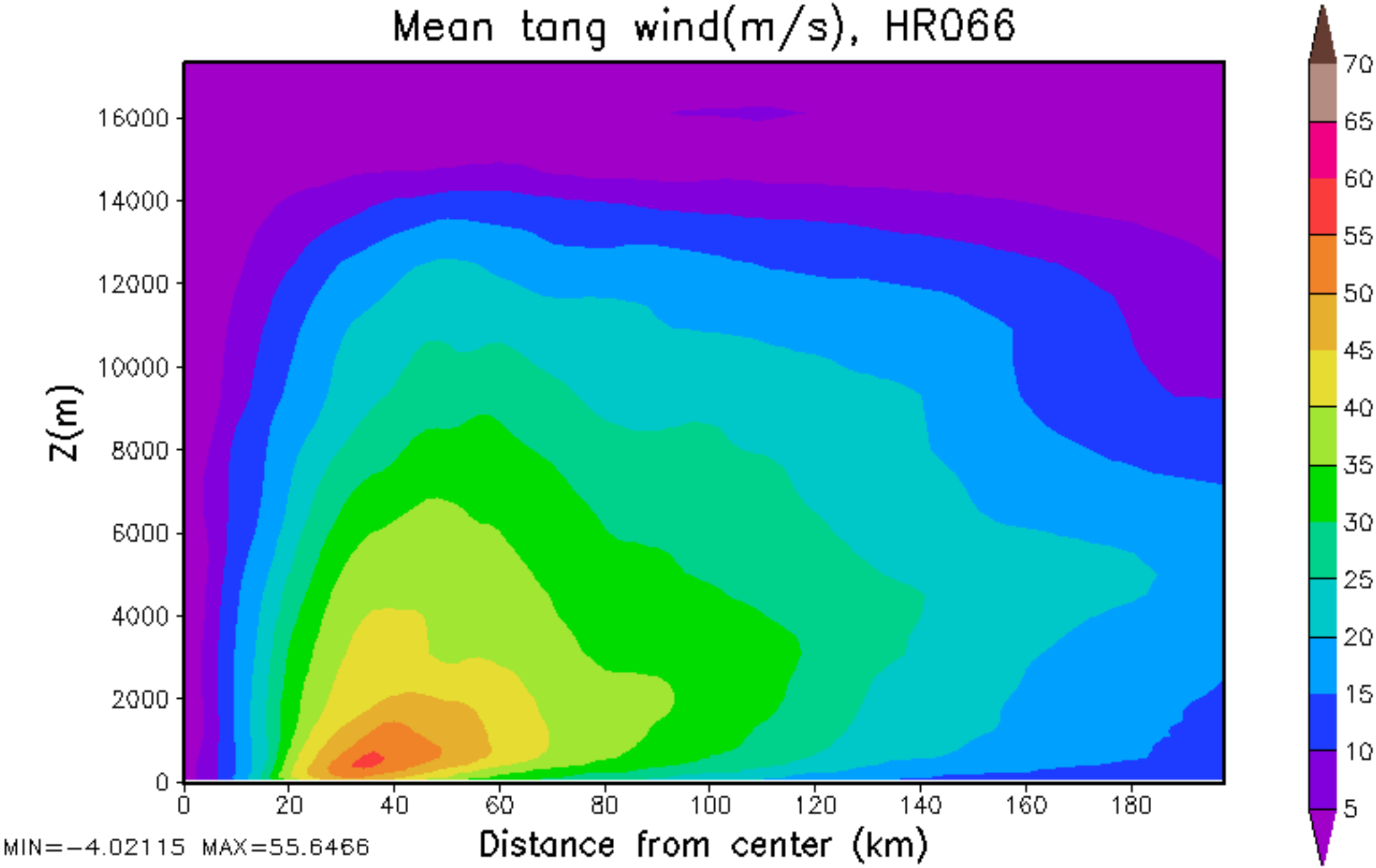

Mean tang wind(m/s), HR036
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-4.91834 MAX=33.1377
70
65
60
55
50
45
40
35
30
25
20
15
10
5

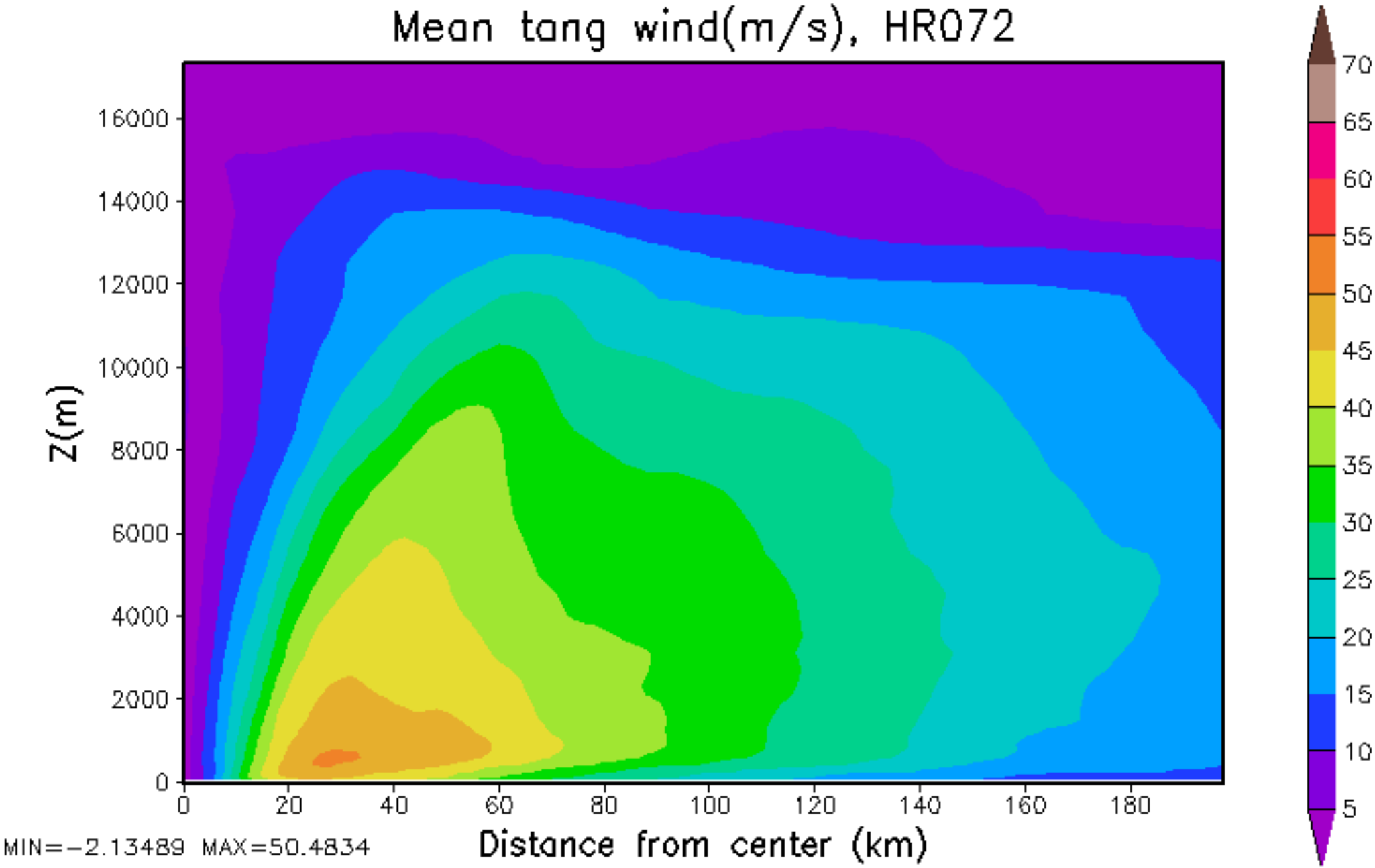

Mean tang wind(m/s), HR042
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-7.2483 MAX=41.1304
70
65
60
55
50
45
40
35
30
25
20
15
10
5

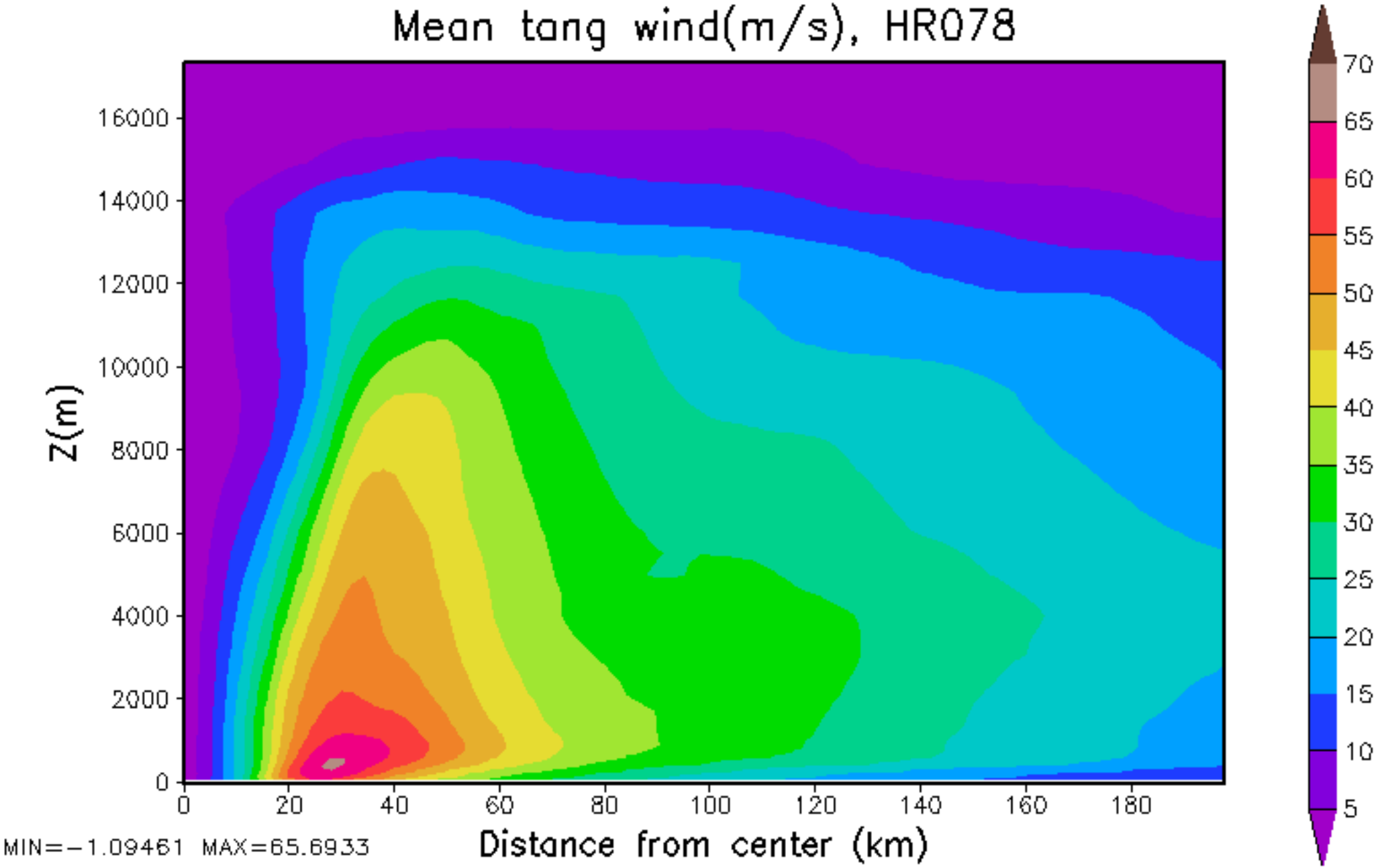

Mean tang wind(m/s), HR048
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-4.44878 MAX=39.8082
70
65
60
55
50
45
40
35
30
25
20
15
10
5

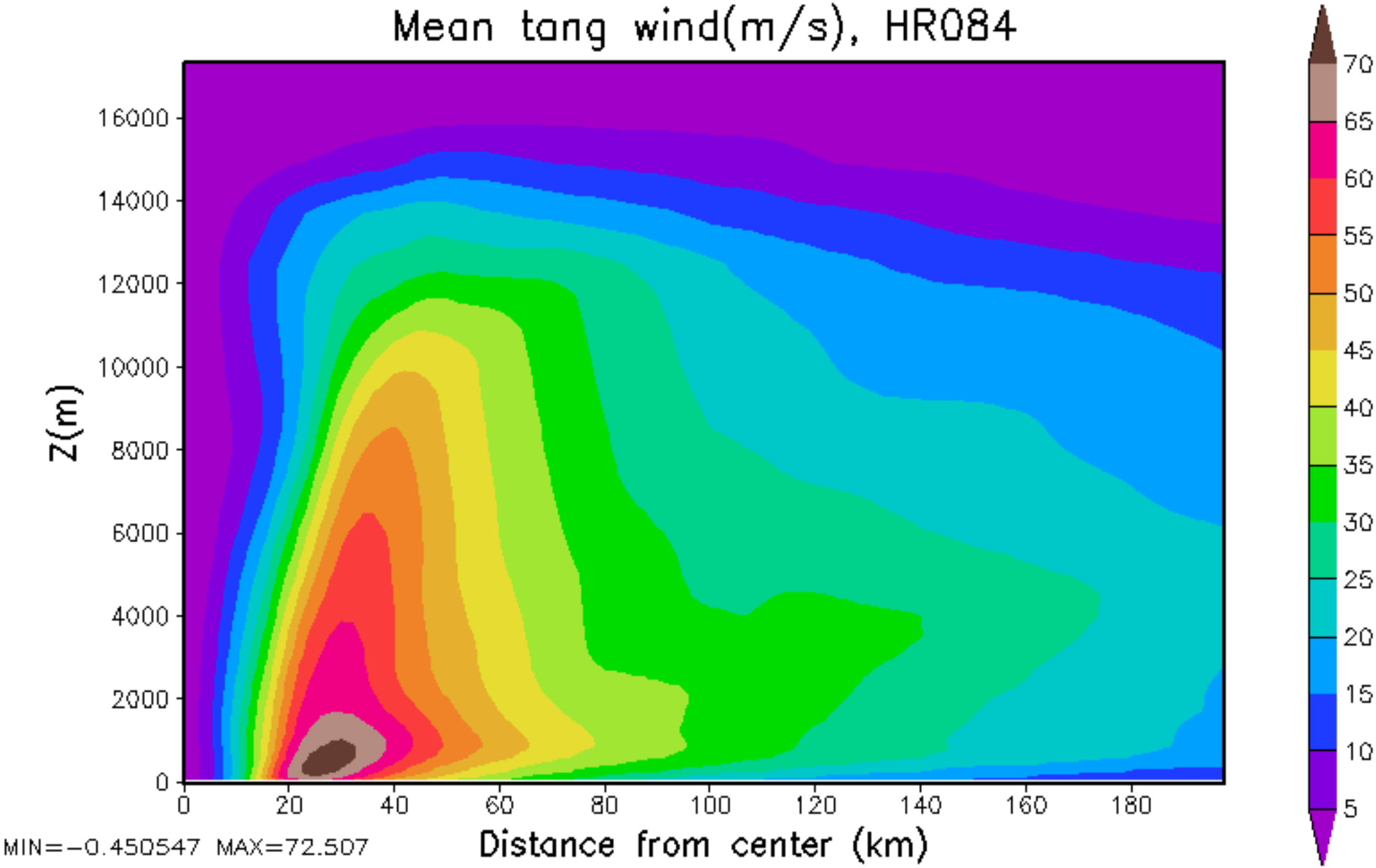

Mean tang wind(m/s), HR054
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-3.36679 MAX=38.5501
70
65
60
55
50
45
40
35
30
25
20
15
10
5

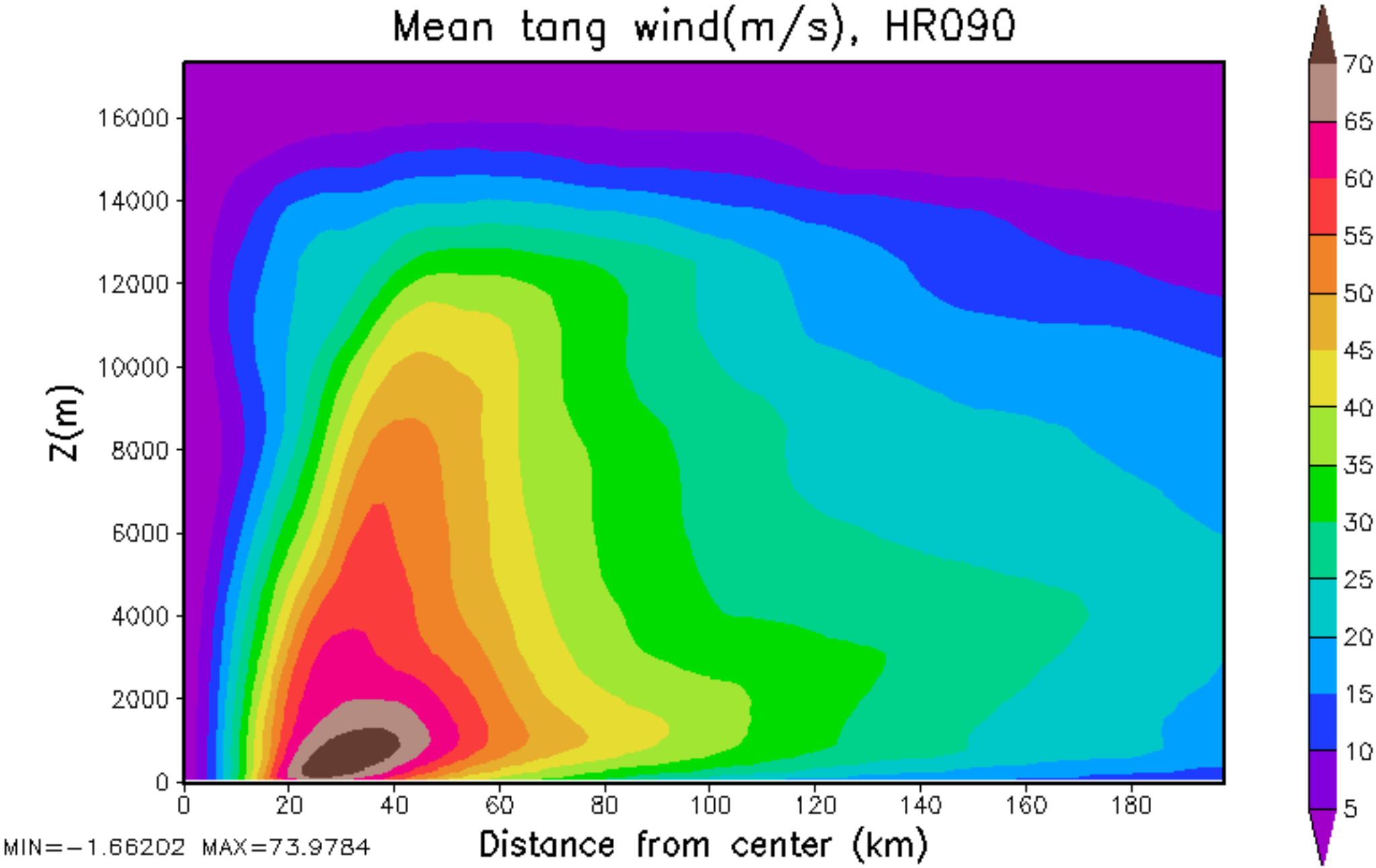

Mean tang wind(m/s), HR060
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-5.04493 MAX=49.4899
70
65
60
55
50
45
40
35
30
25
20
15
10
5

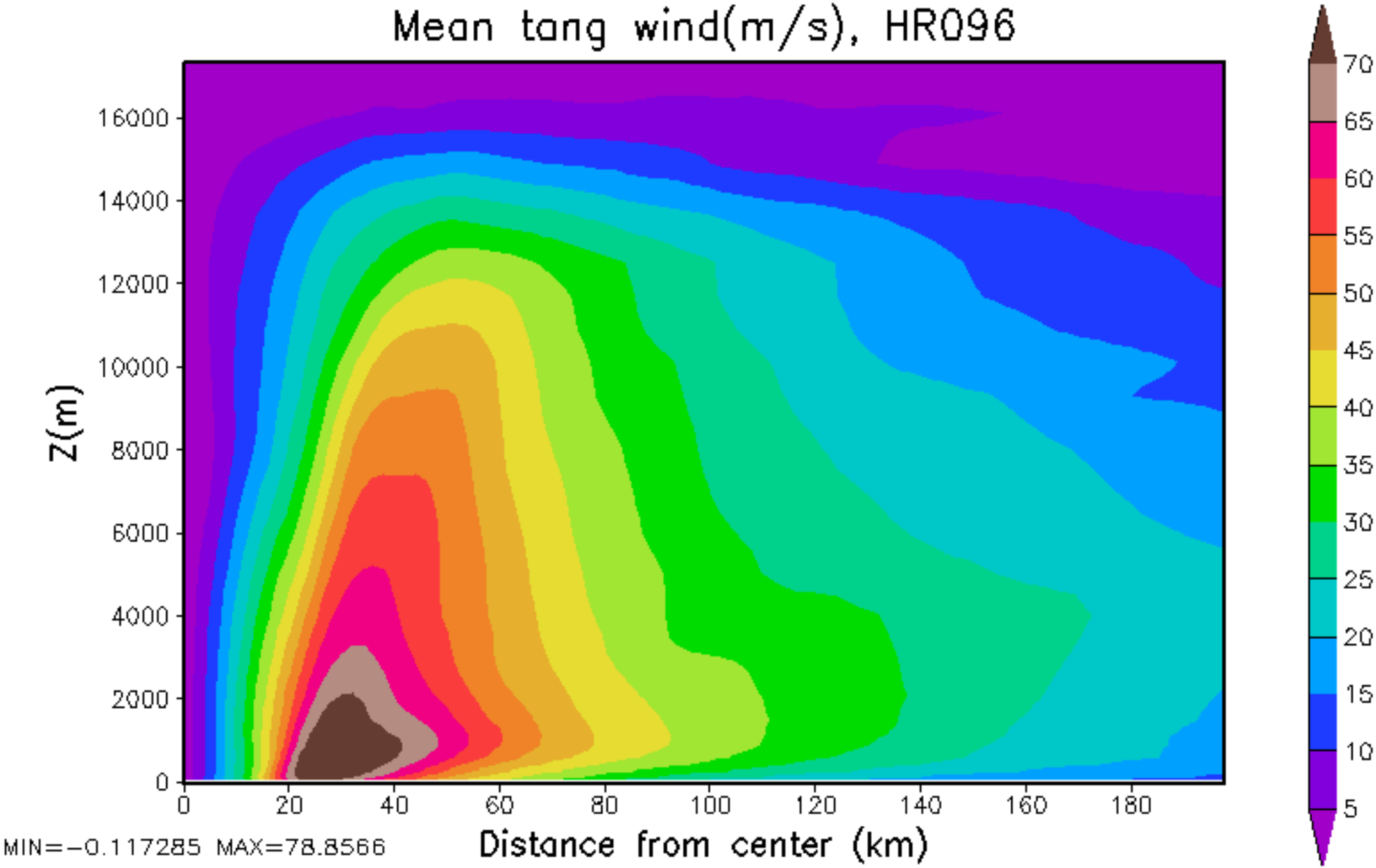

Mean tang wind(m/s), HR066
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-4.02115 MAX=55.6466
70
65
60
55
50
45
40
35
30
25
20
15
10
5

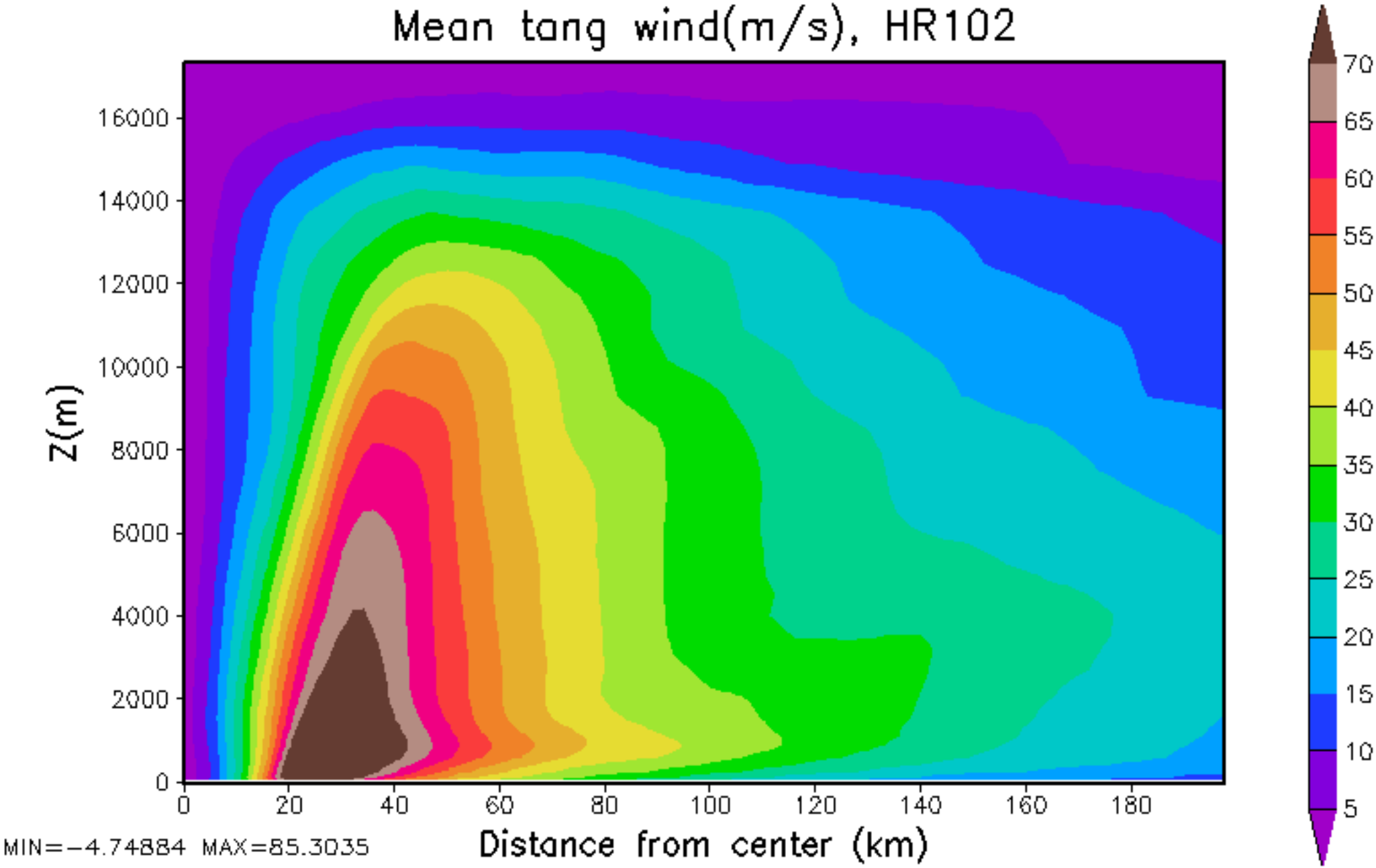

Mean tang wind(m/s), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-2.13489 MAX=50.4834
70
65
60
55
50
45
40
35
30
25
20
15
10
5

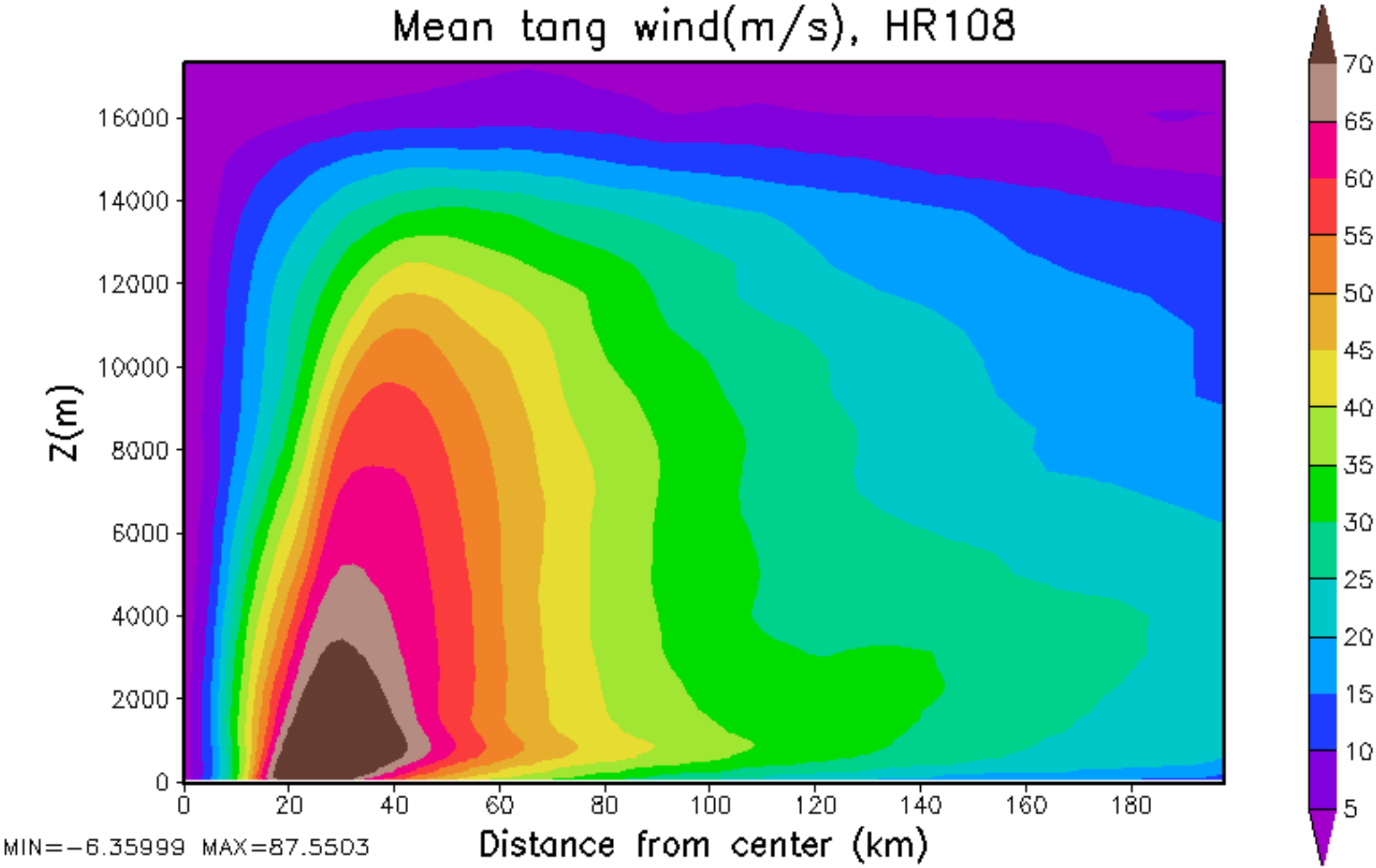

Mean tang wind(m/s), HR078
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-1.09461 MAX=65.6933
70
65
60
55
50
45
40
35
30
25
20
15
10
5

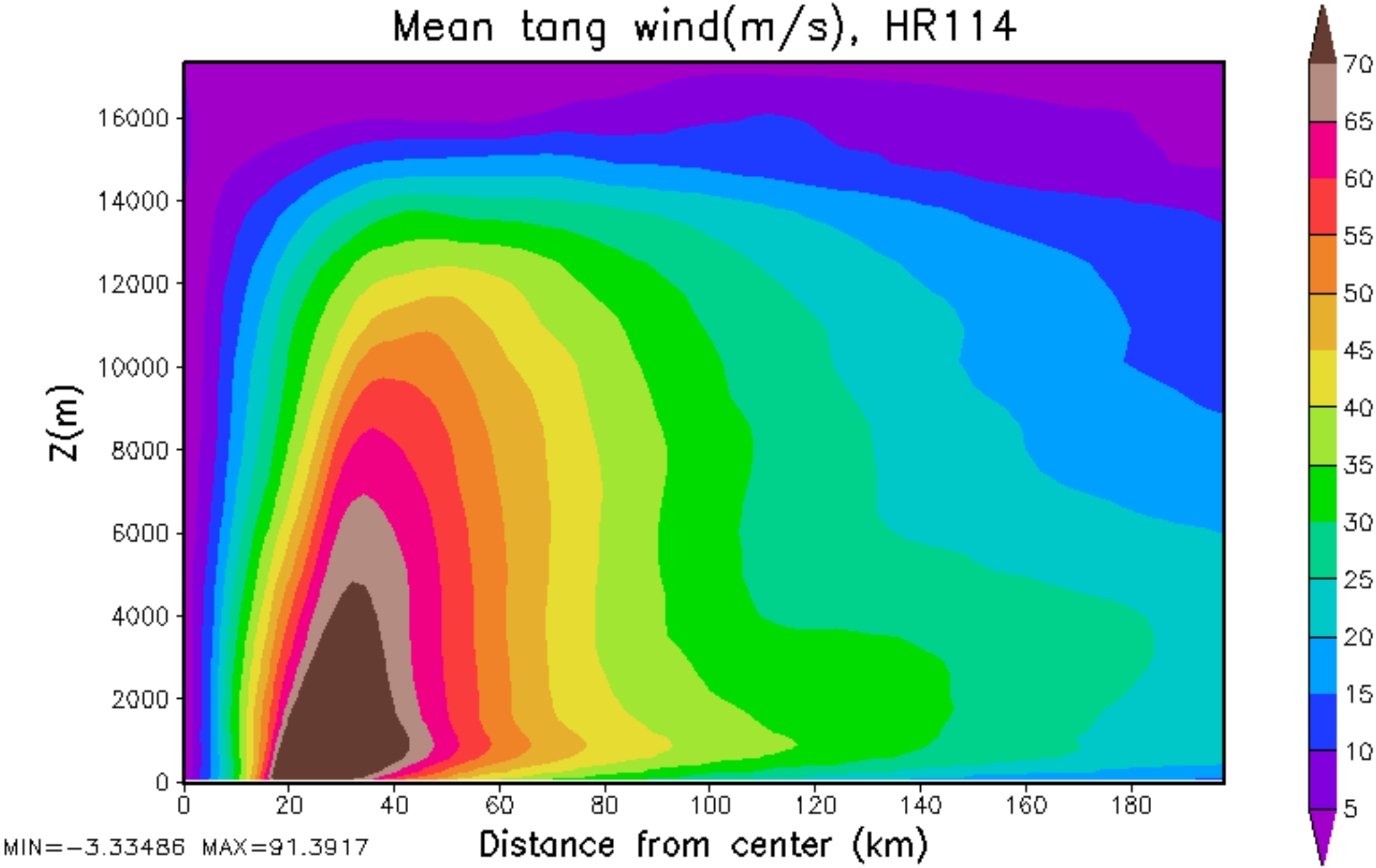

Mean tang wind(m/s), HR084
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.450547 MAX=72.507
70
65
60
55
50
45
40
35
30
25
20
15
10
5

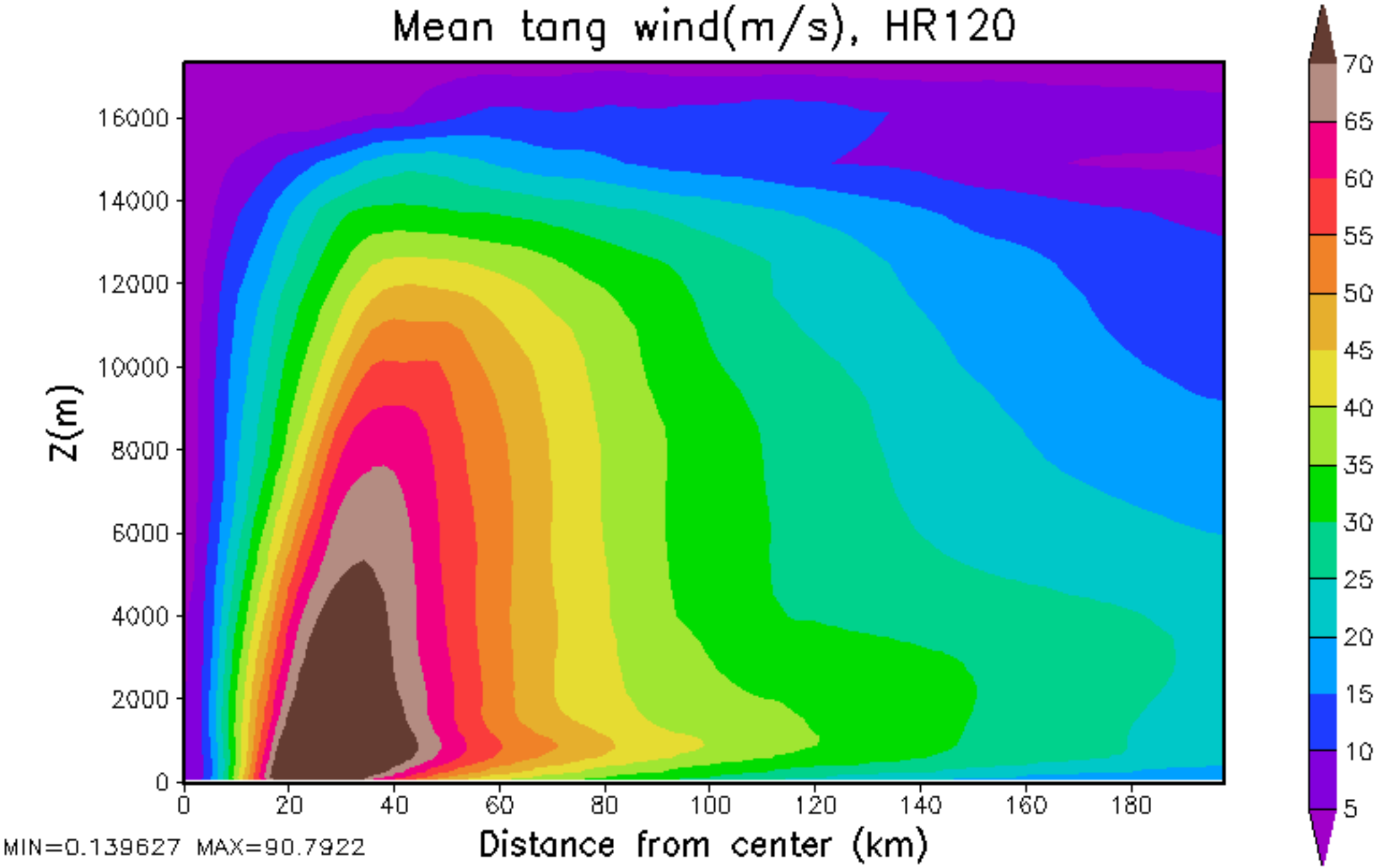

Mean tang wind(m/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-1.66202 MAX=73.9784
70
65
60
55
50
45
40
35
30
25
20
15
10
5

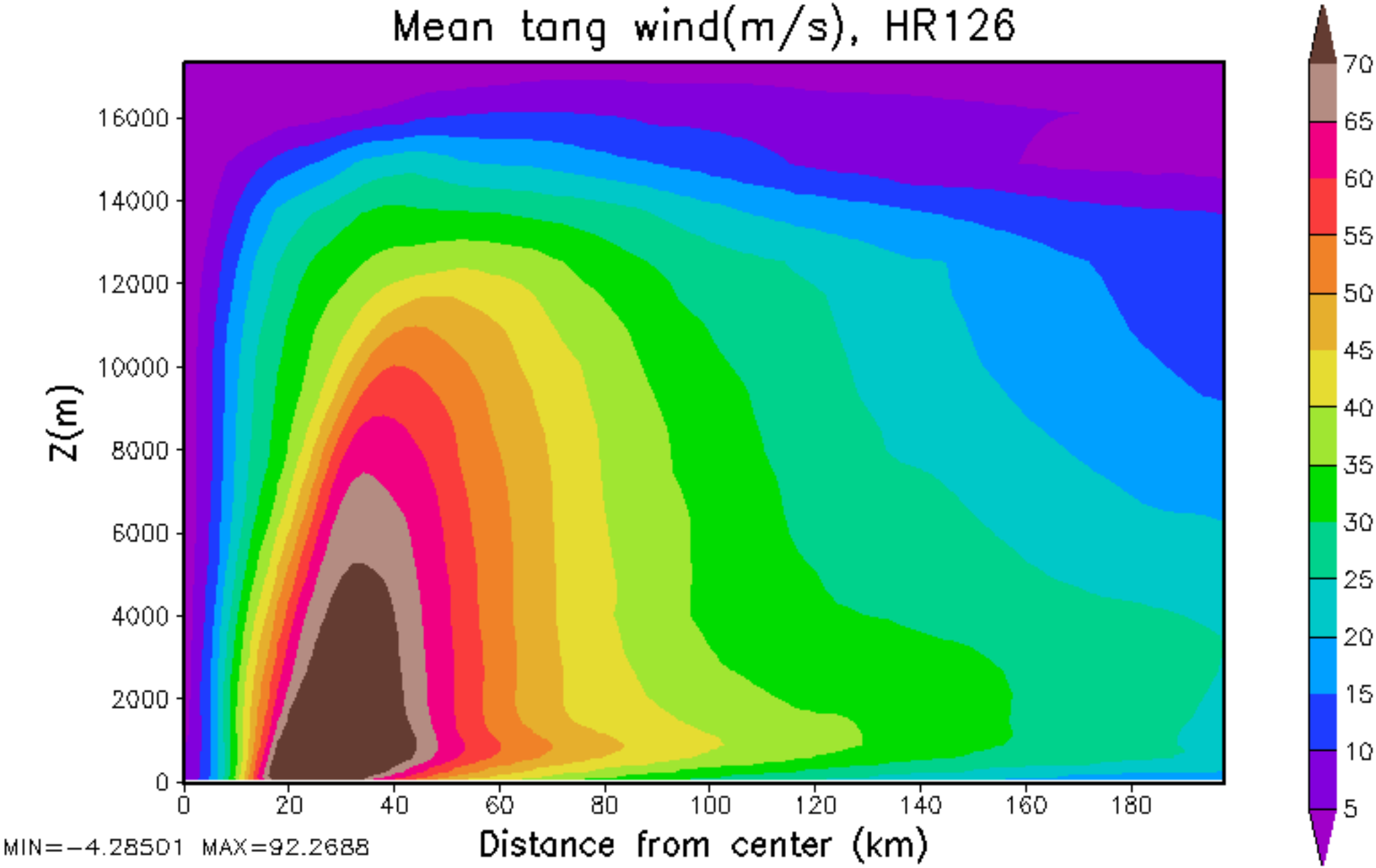

Mean tang wind(m/s), HR096
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.117285 MAX=78.8566
70
65
60
55
50
45
40
35
30
25
20
15
10
5

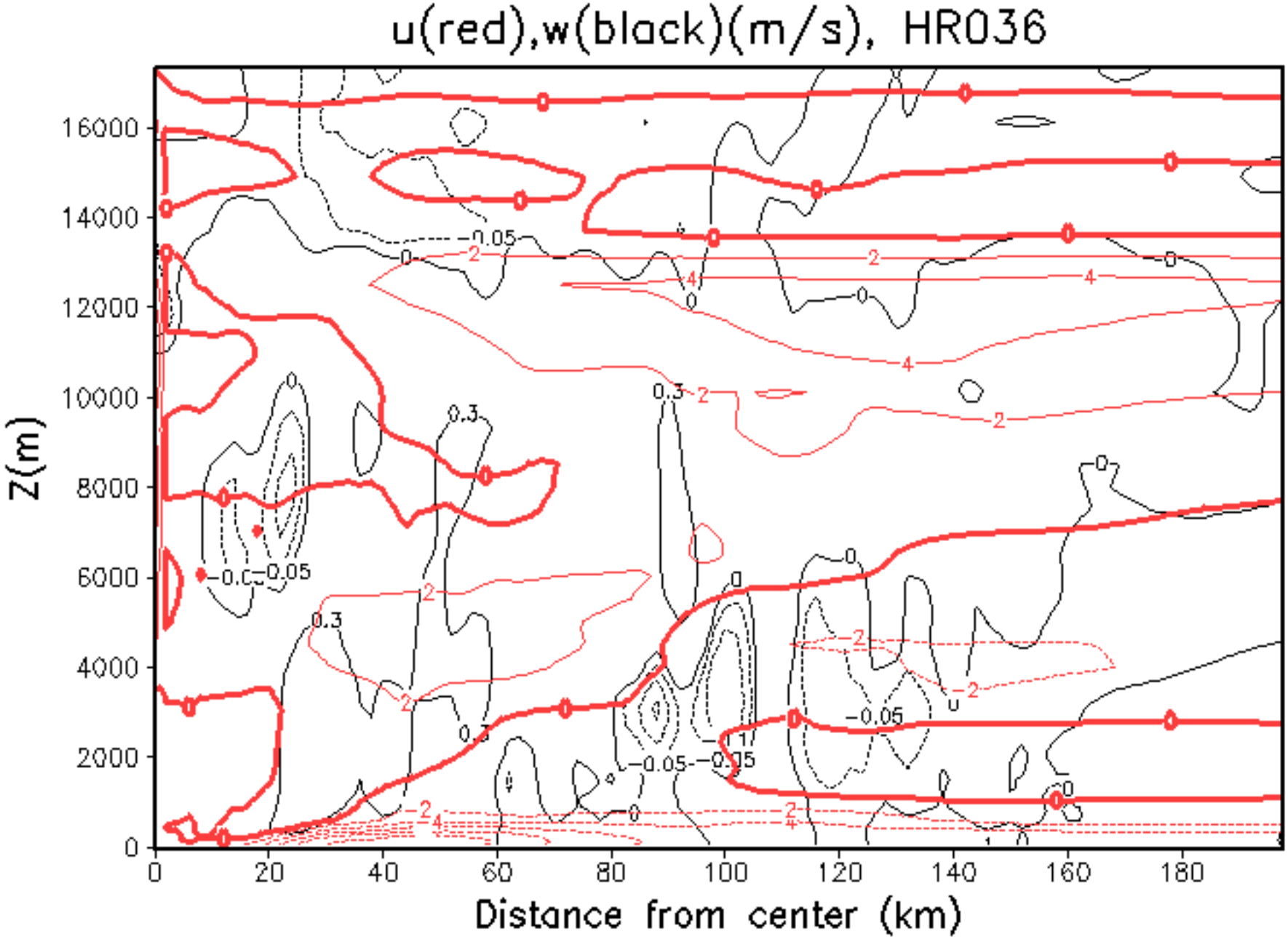

Mean tang wind(m/s), HR102
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-4.74884 MAX=85.3035
70
65
60
55
50
45
40
35
30
25
20
15
10
5

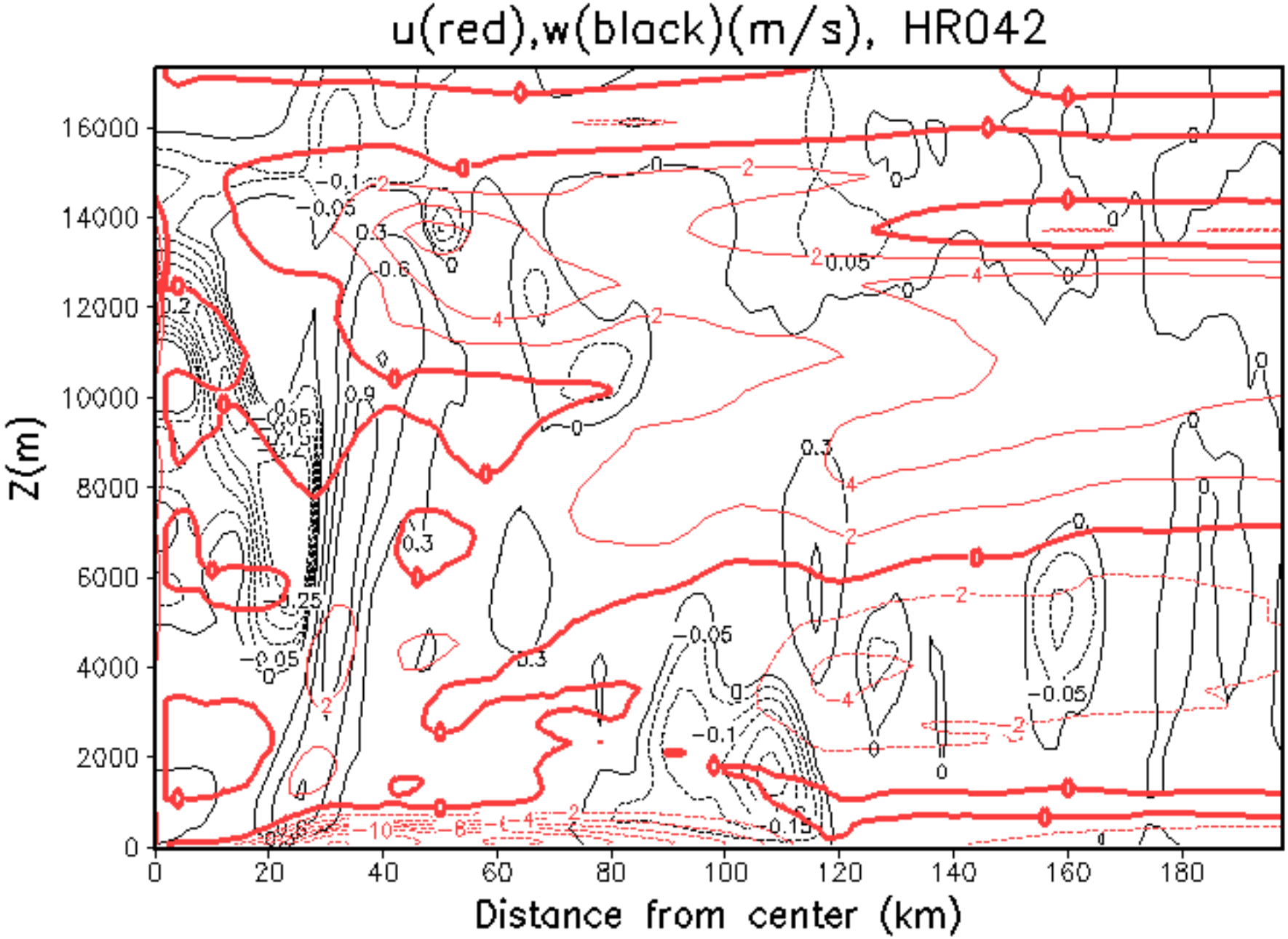

Mean tang wind(m/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-6.35999 MAX=87.5503
70
65
60
55
50
45
40
35
30
25
20
15
10
5


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=-3.33486 MAX=91.3917
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=0.139627 MAX=90.7922
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=-4.28501 MAX=92.2688
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


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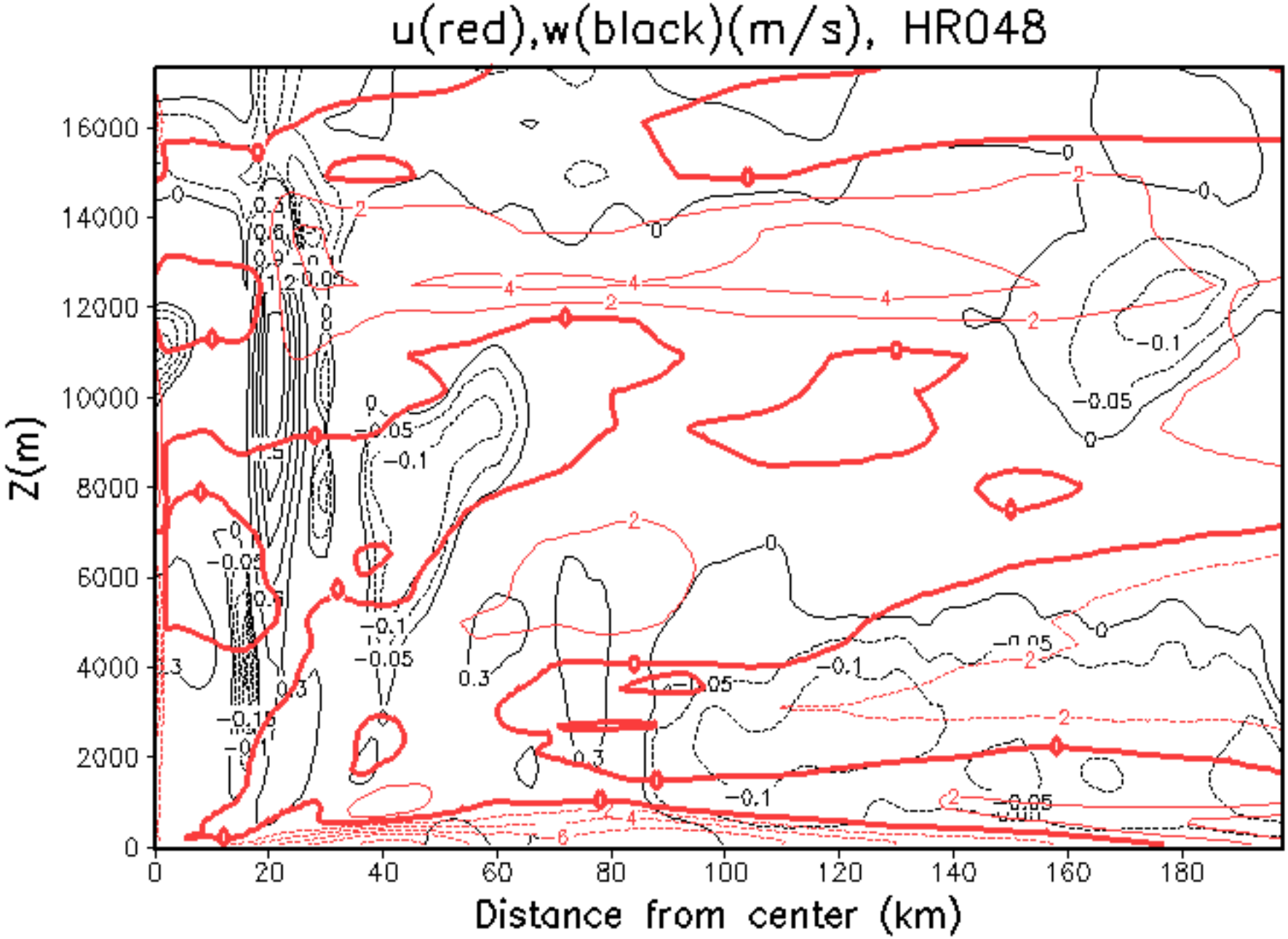
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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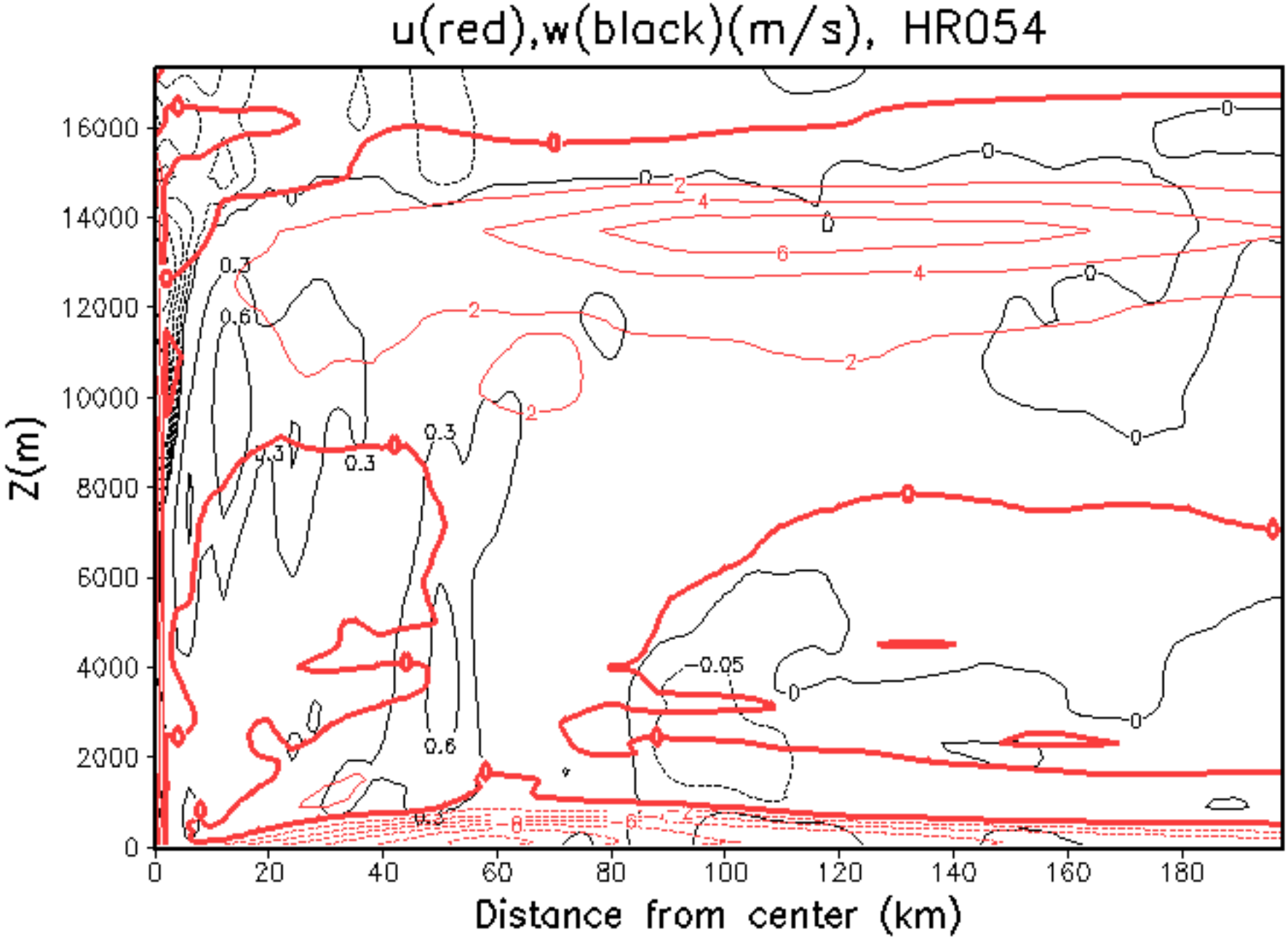
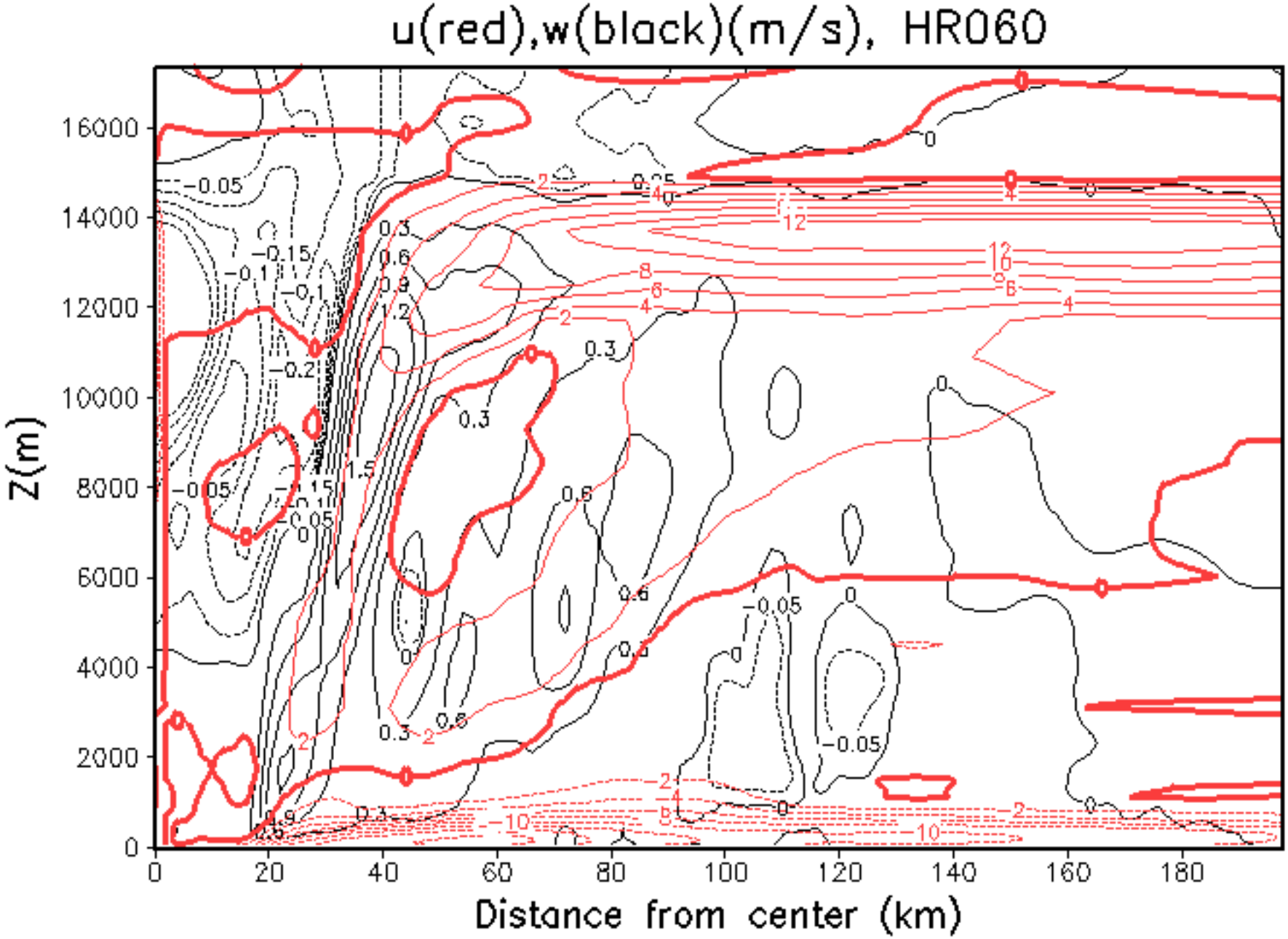
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR054
Z(m)
Distance from center (km)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
0.3
0.6
0.3
0.3
0.3
0.6
0.3
-0.05
0
2
4
6
8


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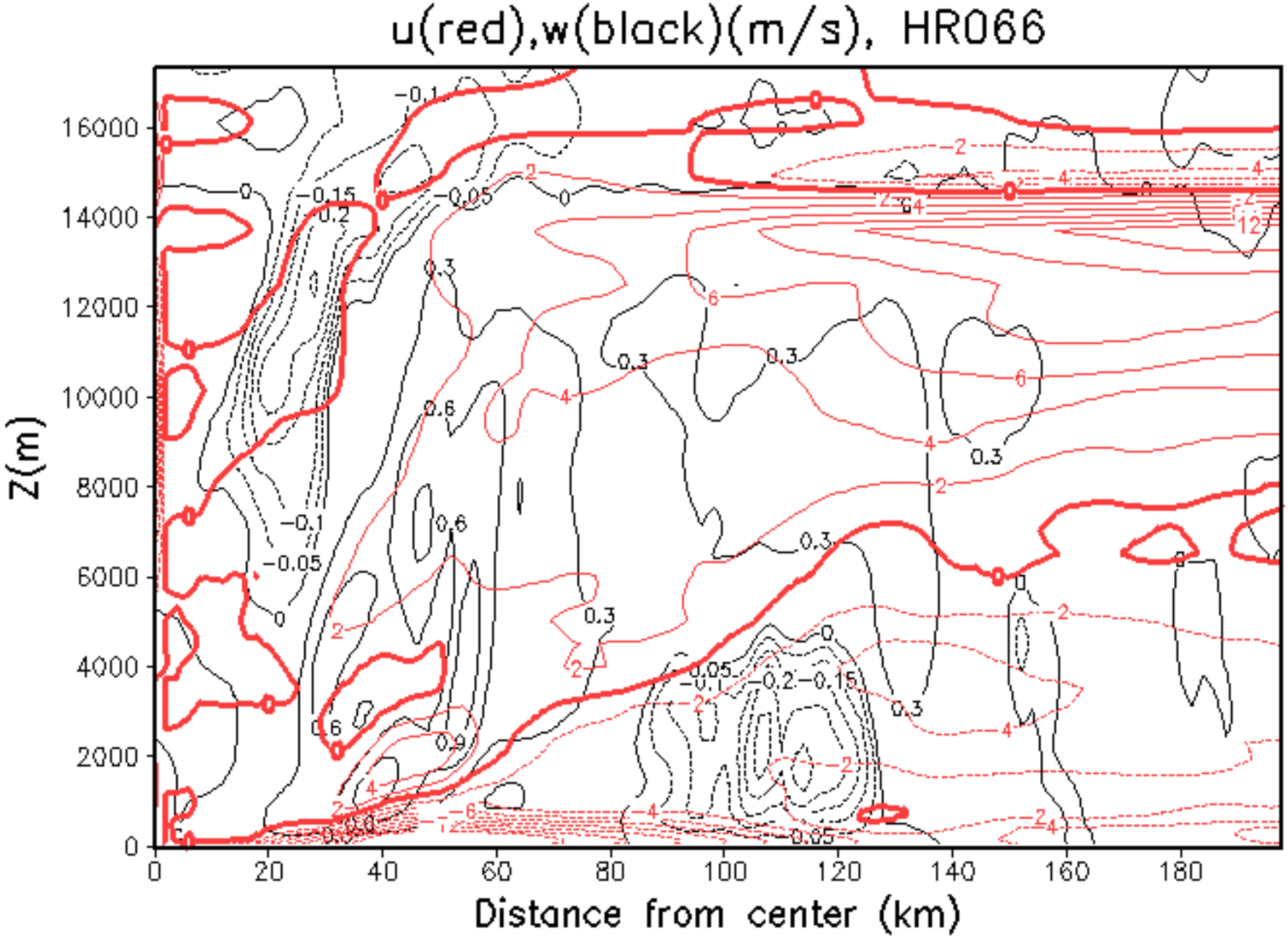
40
60
80
100
120
140
160
180


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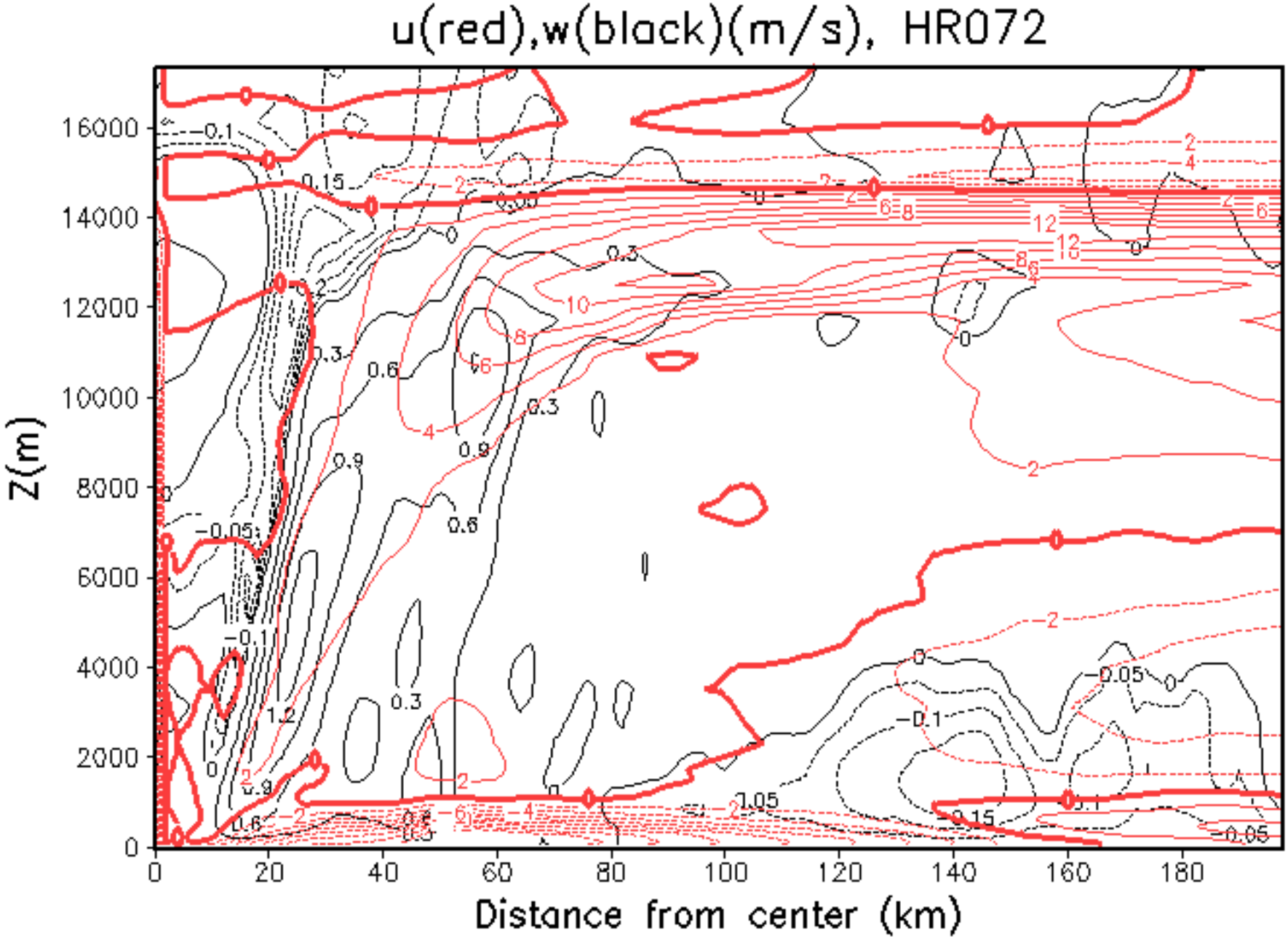
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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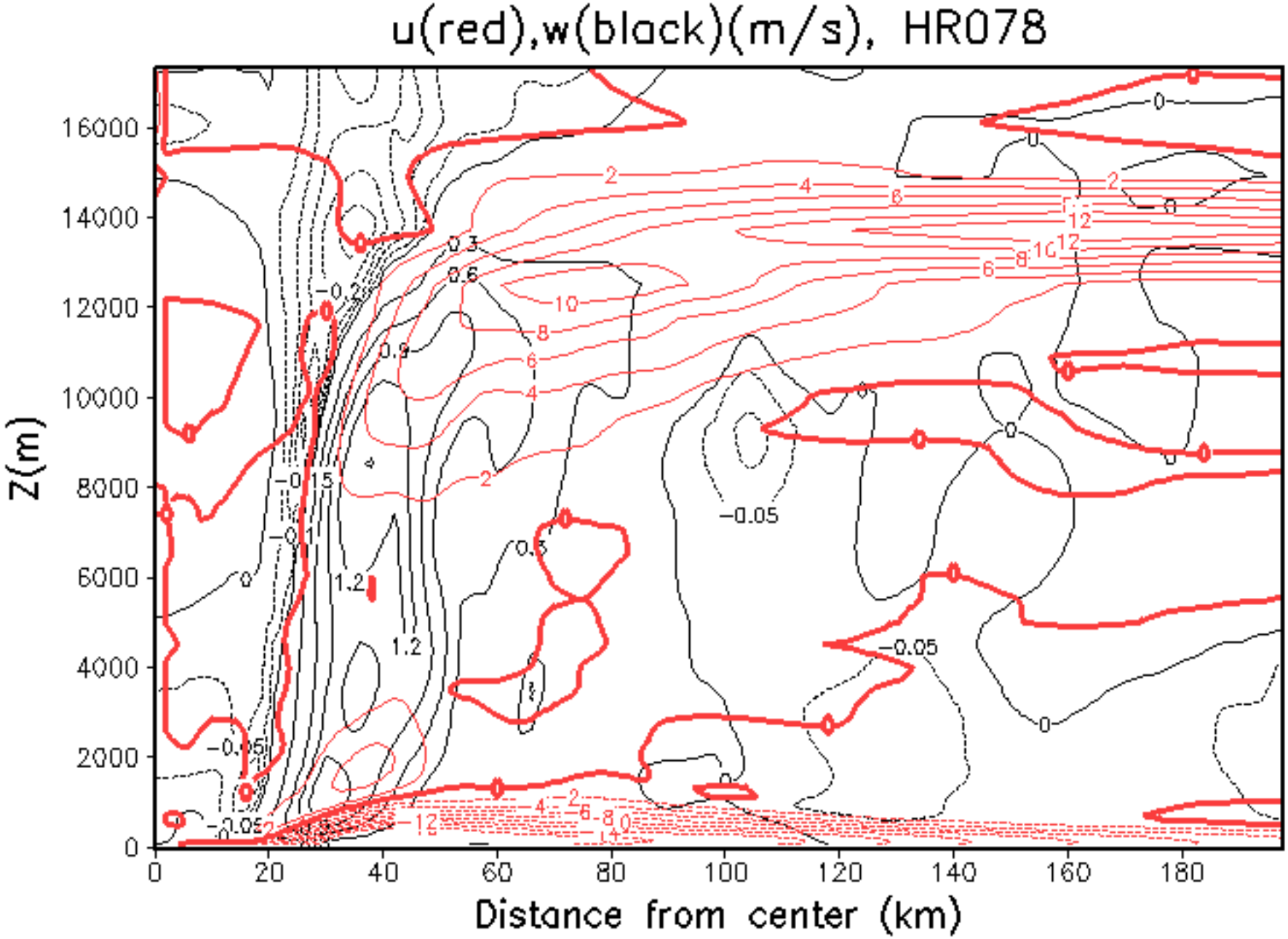
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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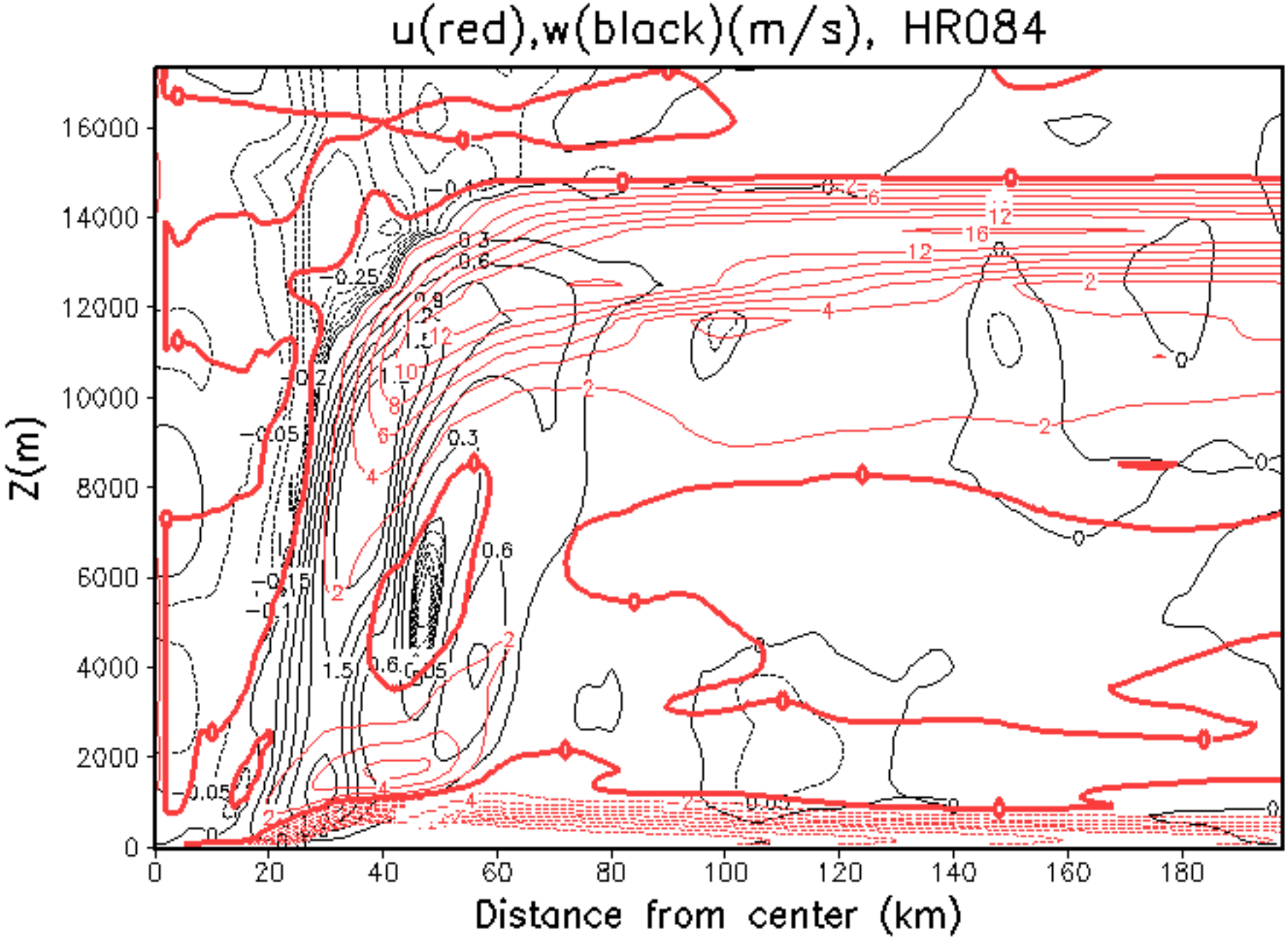
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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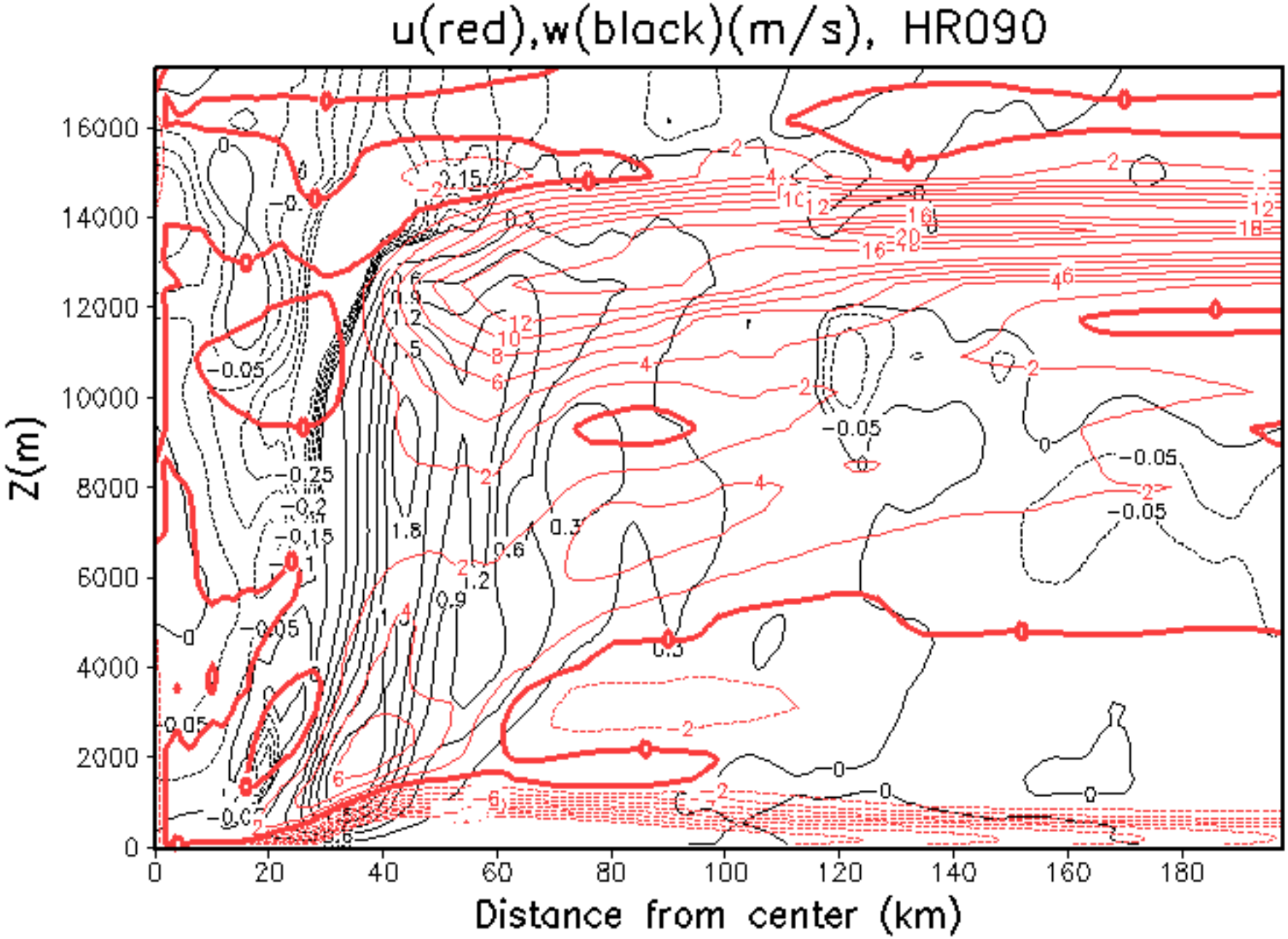
40
60
80
100
120
140
160
180


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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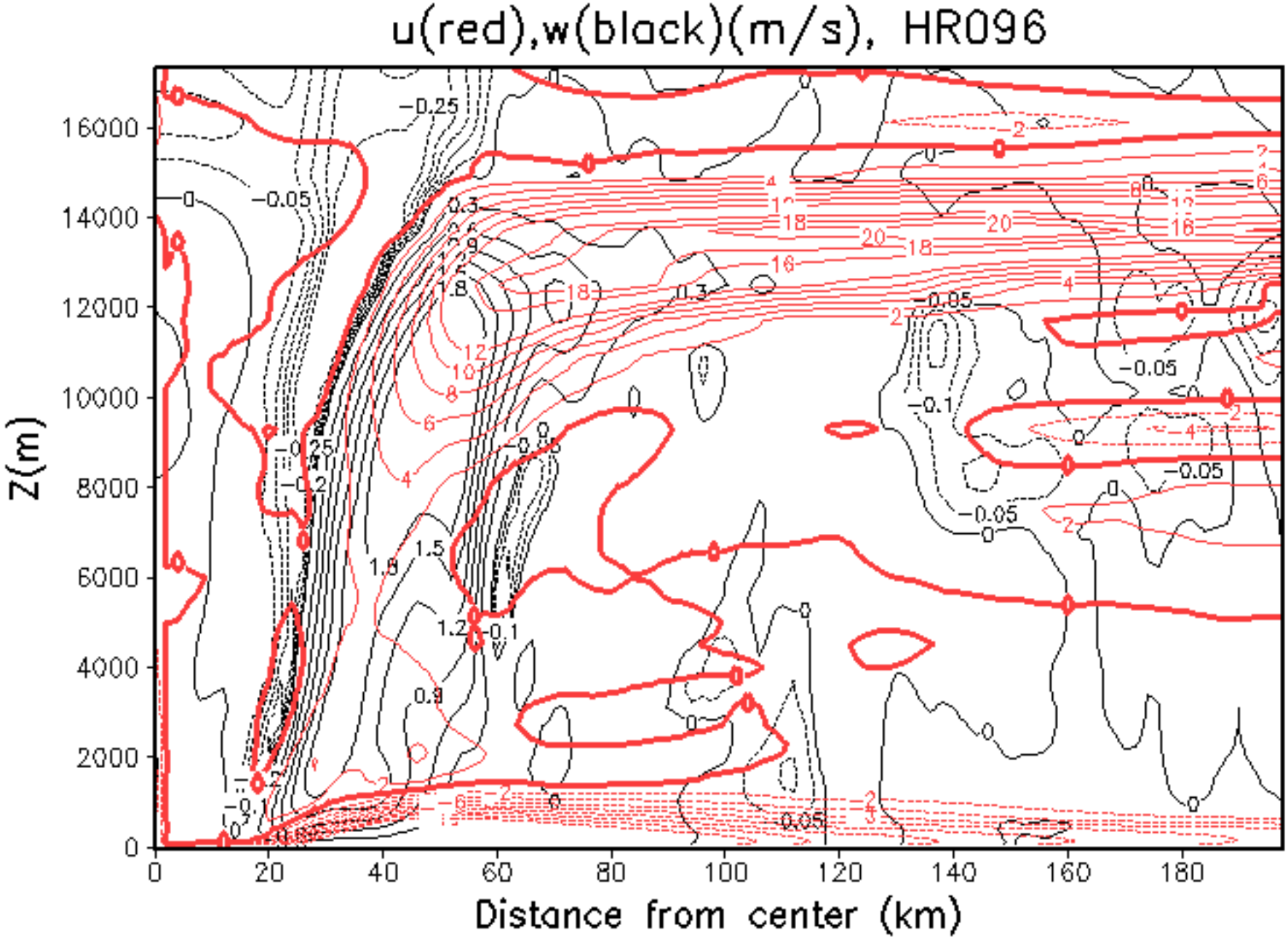
40
60
80
100
120
140
160
180


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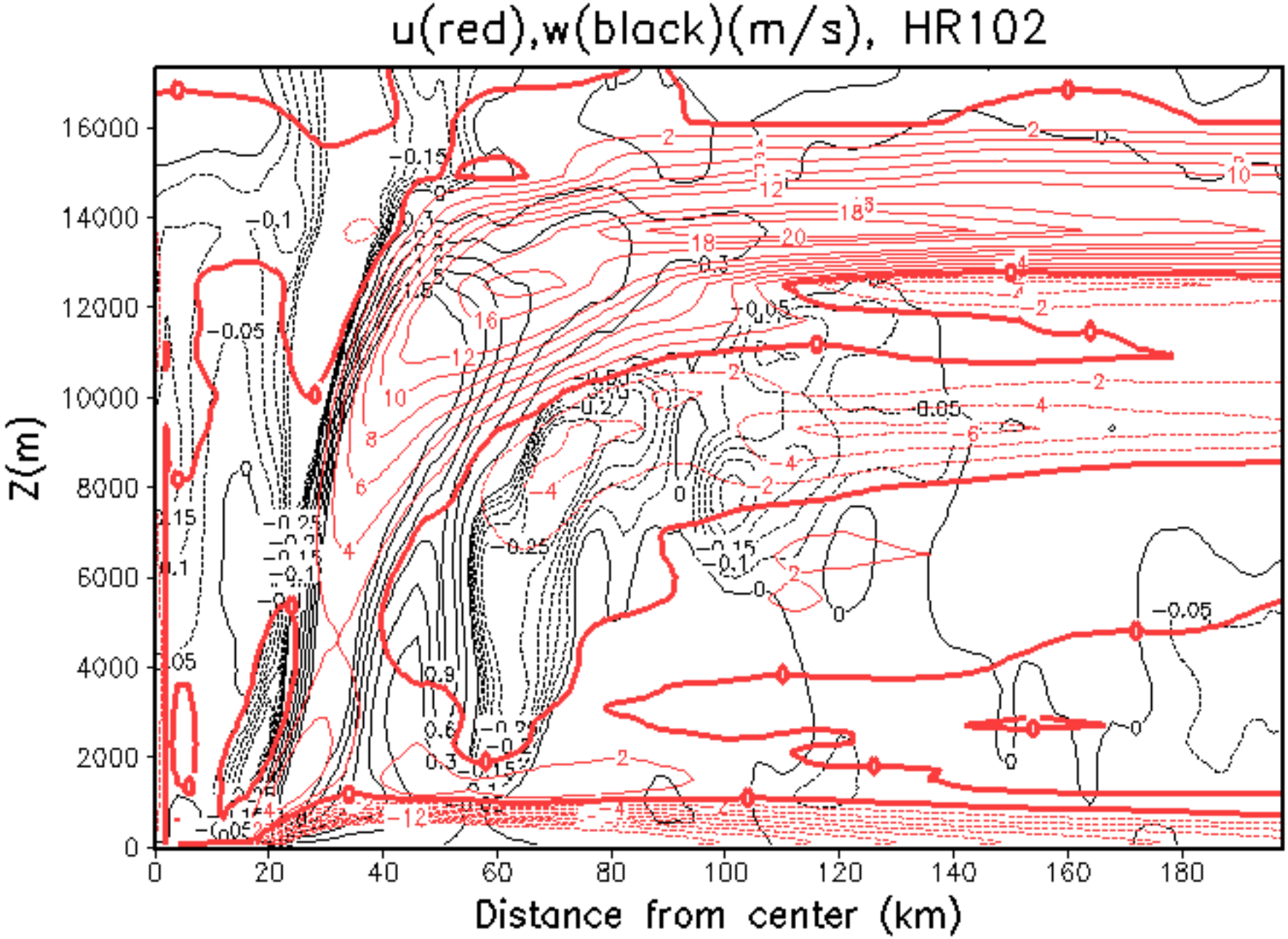
40
60
80
100
120
140
160
180


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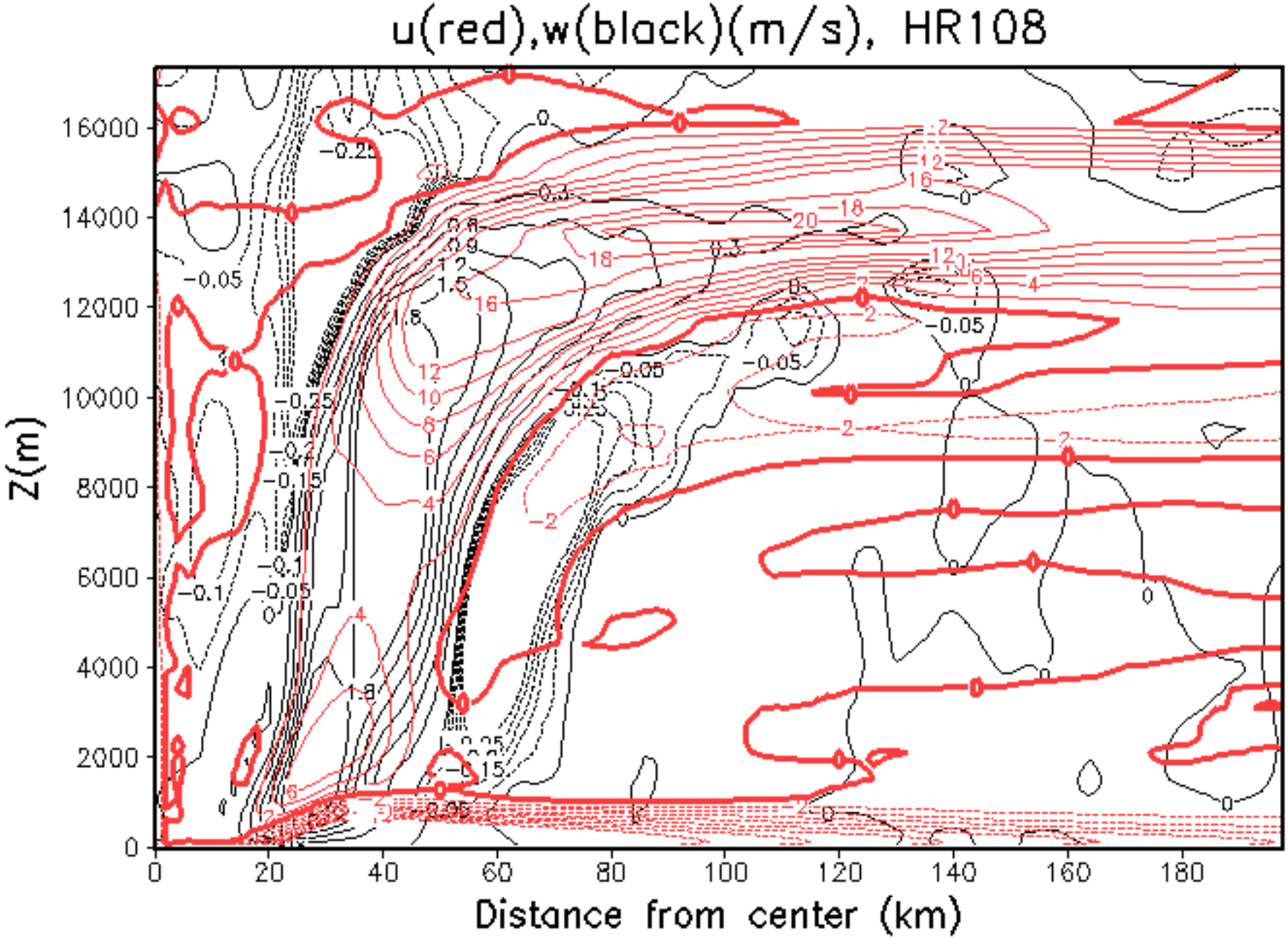
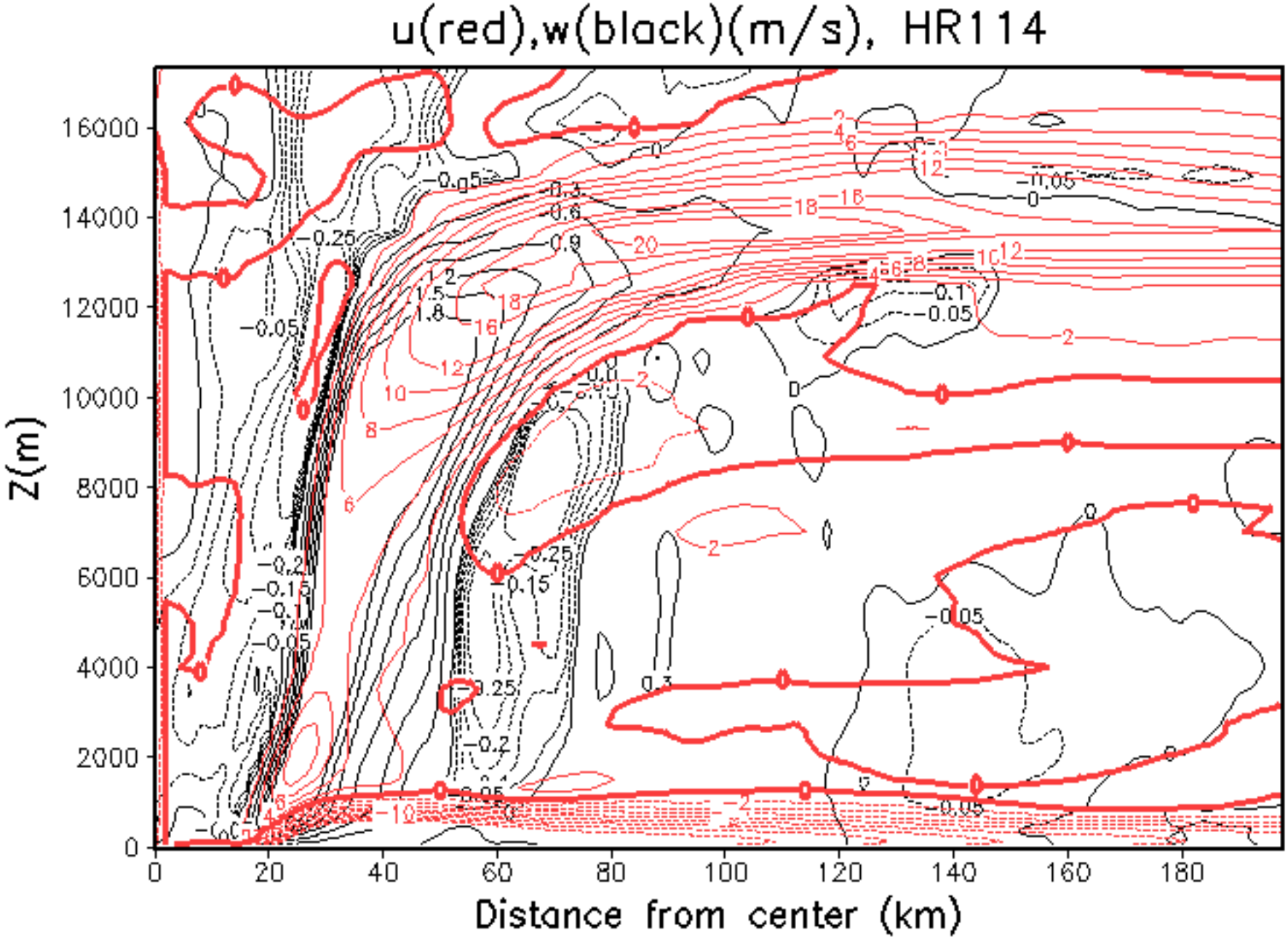
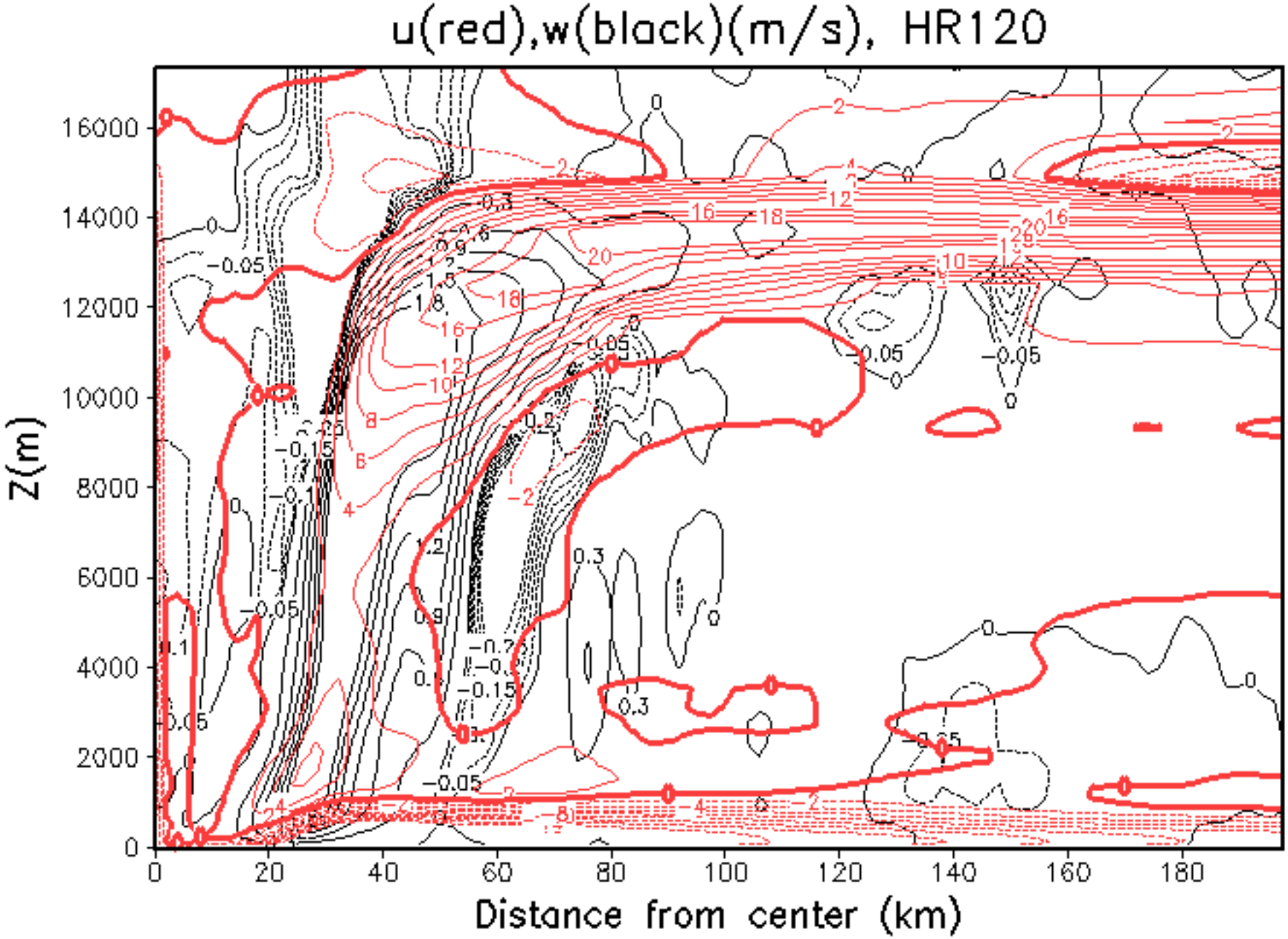
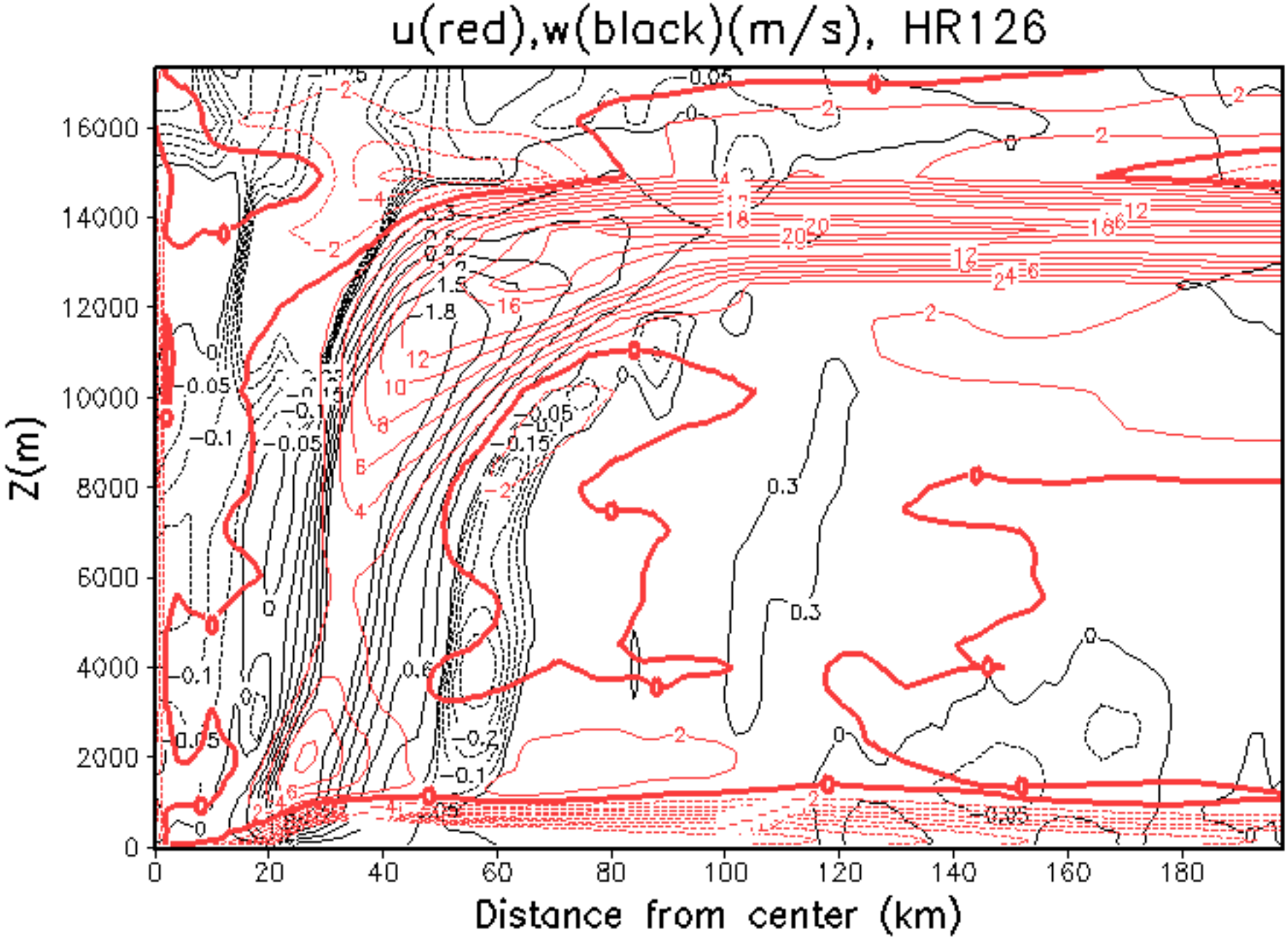
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR108
Z(m)
Distance from center (km)
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)
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