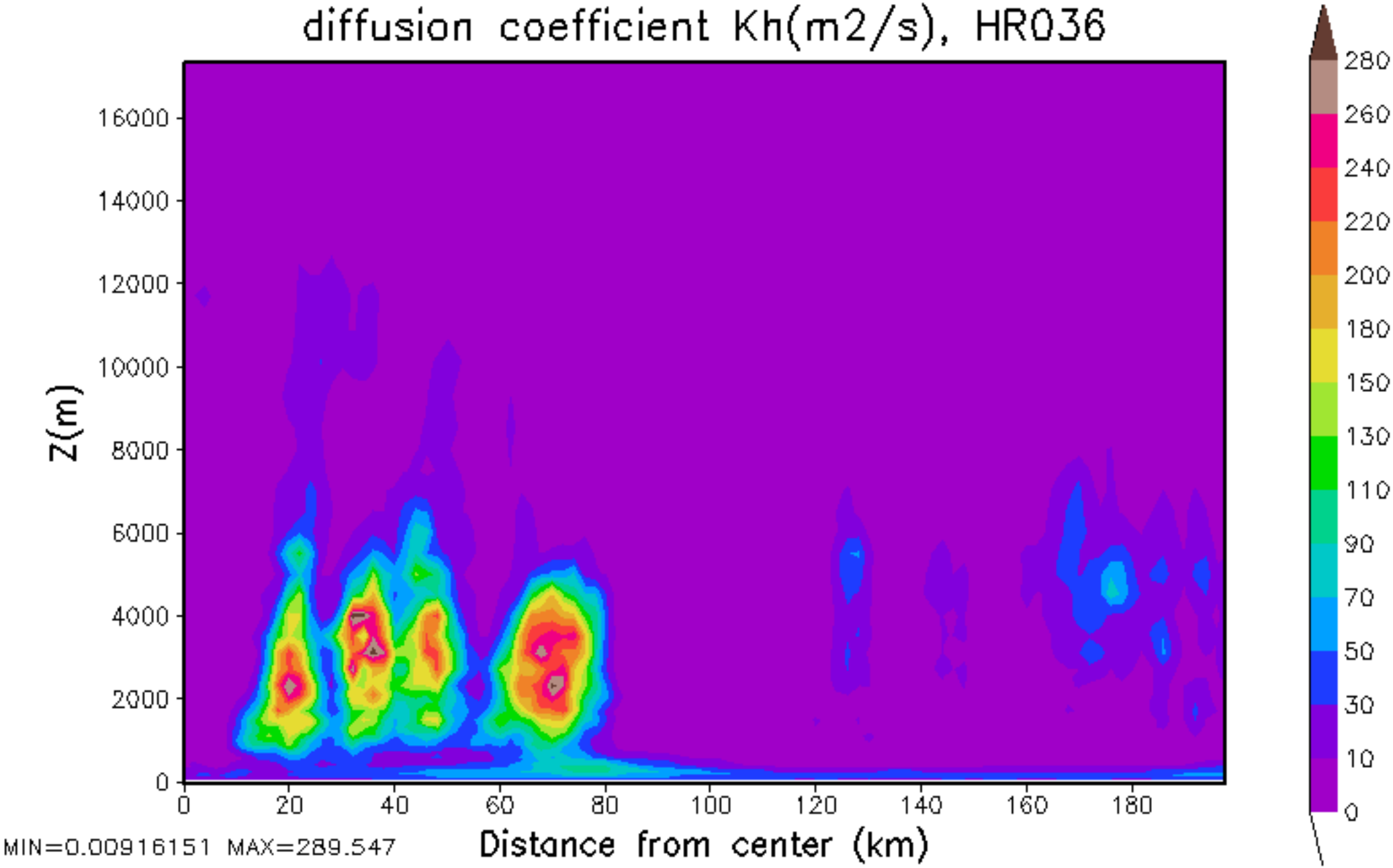
diffusion coefficient Kh(m2/s), HR036
Z(m)
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14000
12000
10000
8000
6000
4000
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0
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00916151 MAX=289.547
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260
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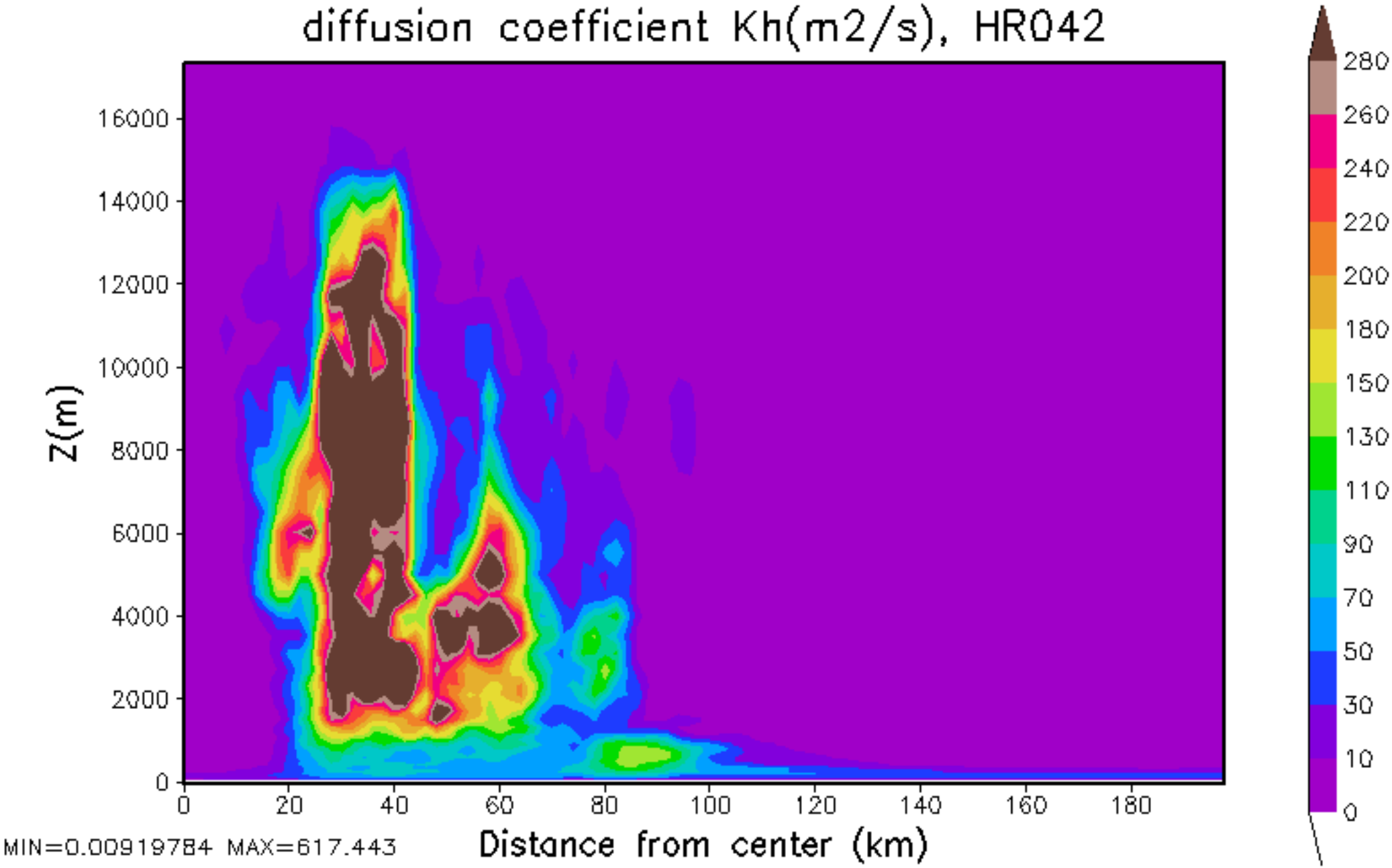
diffusion coefficient Kh(m2/s), HR042
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919784 MAX=617.443
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260
240
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200
180
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130
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50
30
10
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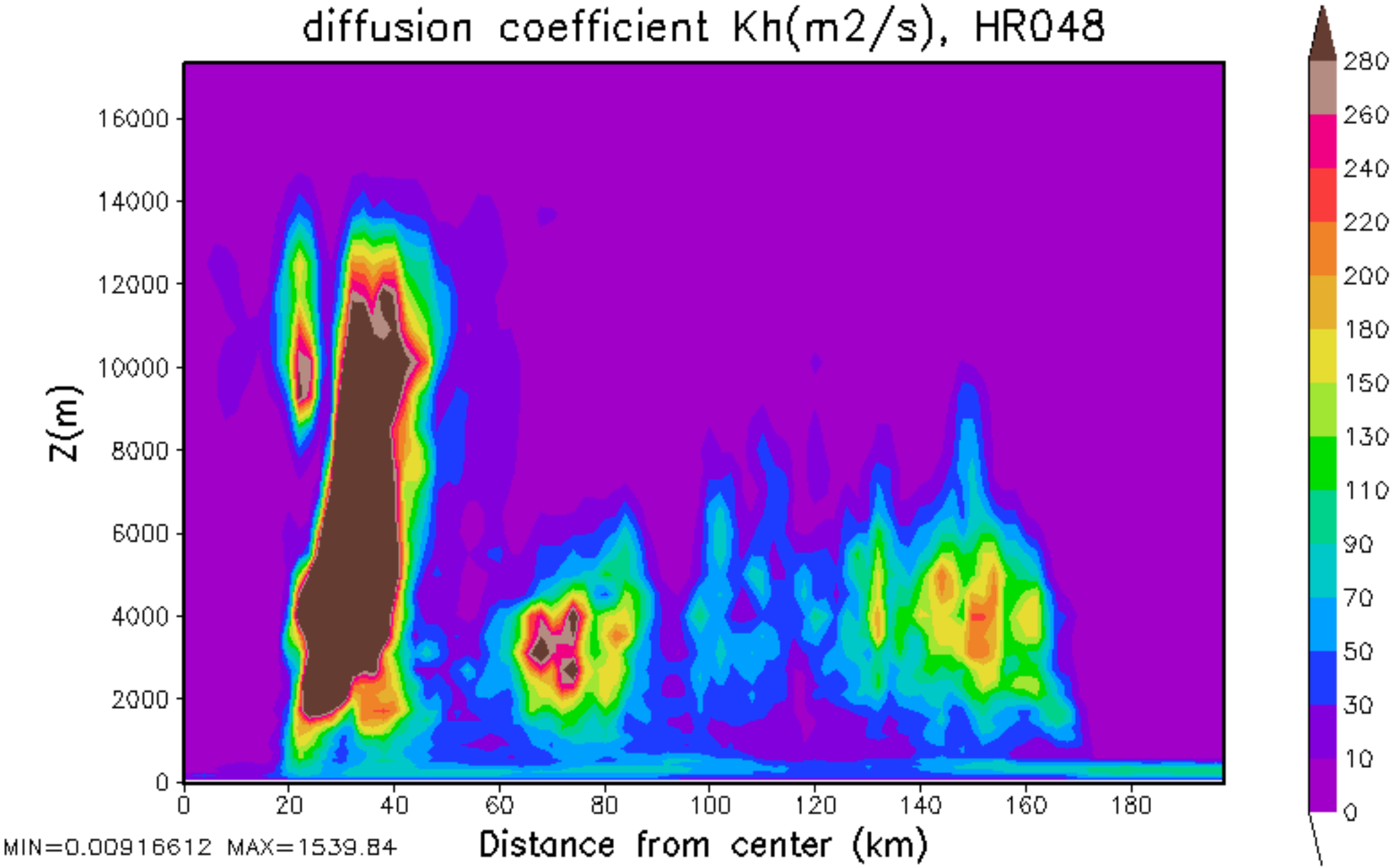
diffusion coefficient Kh(m2/s), HR048
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00916612 MAX=1539.84
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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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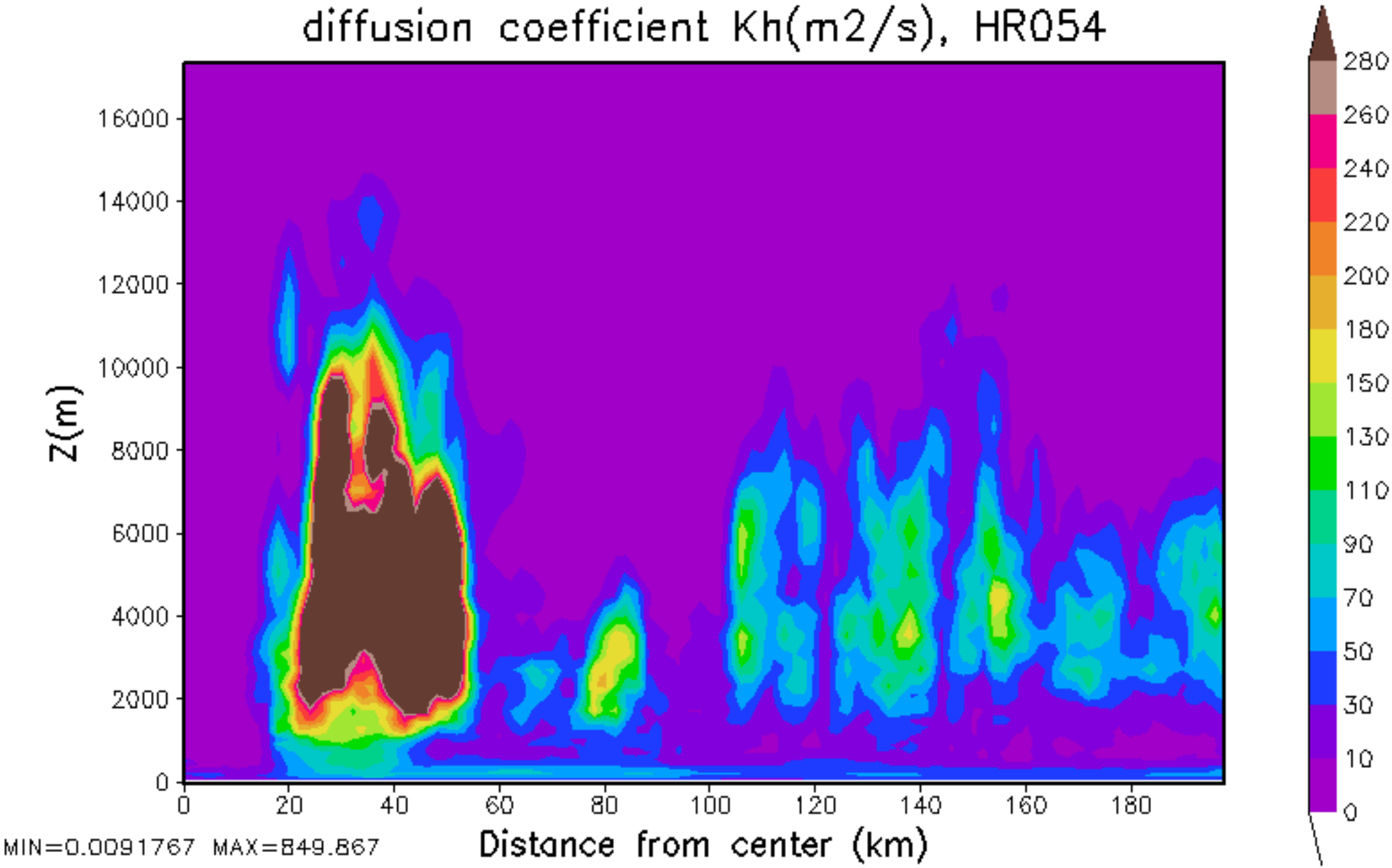
diffusion coefficient Kh(m2/s), HR054
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
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80
100
120
140
160
180
Distance from center (km)
MIN=0.0091767 MAX=849.867
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260
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220
200
180
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130
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90
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50
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10
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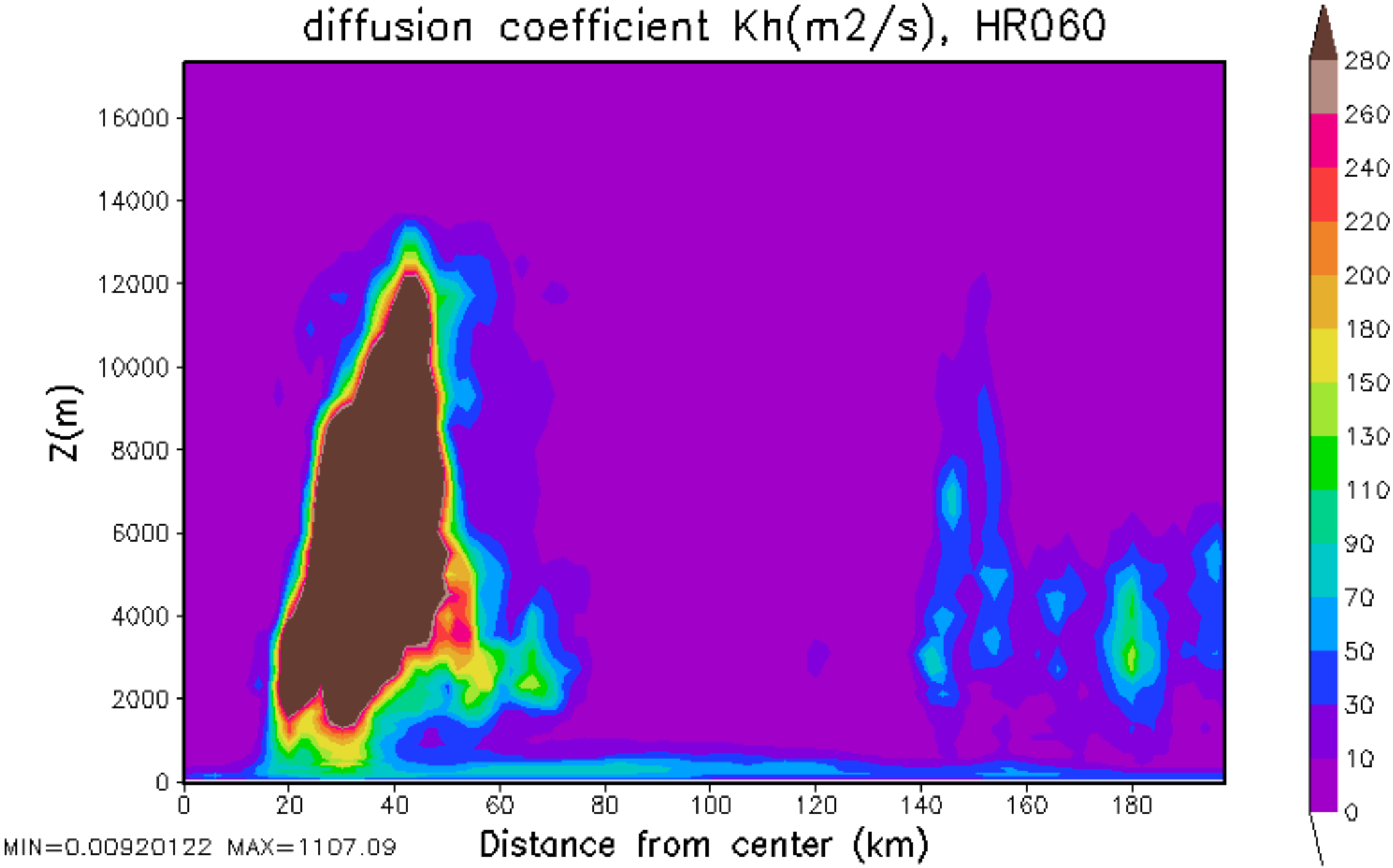
diffusion coefficient Kh(m2/s), HR060
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00920122 MAX=1107.09
280
260
240
220
200
180
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130
110
90
70
50
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10
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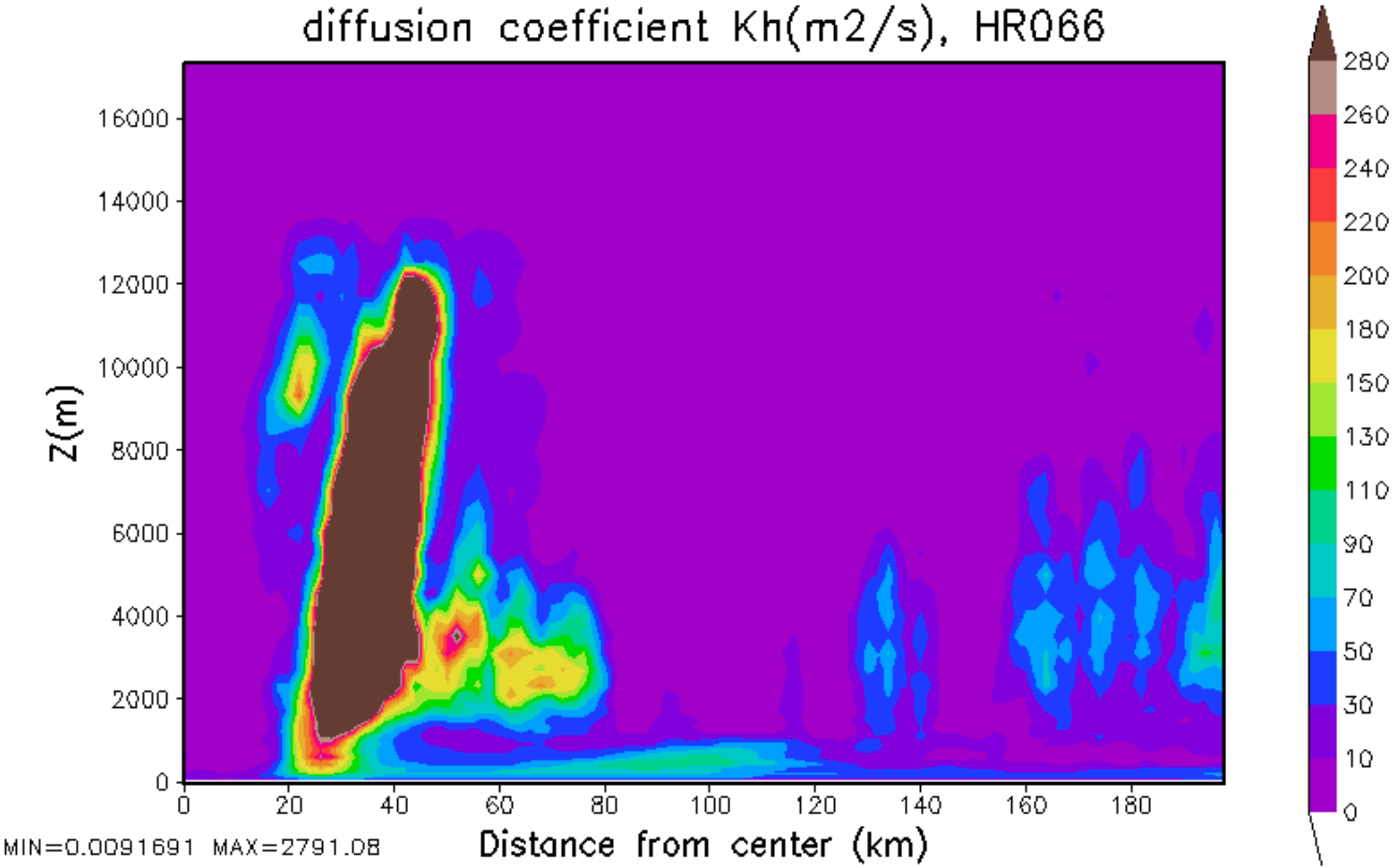
diffusion coefficient Kh(m2/s), HR066
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0091691 MAX=2791.08
280
260
240
220
200
180
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130
110
90
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50
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10
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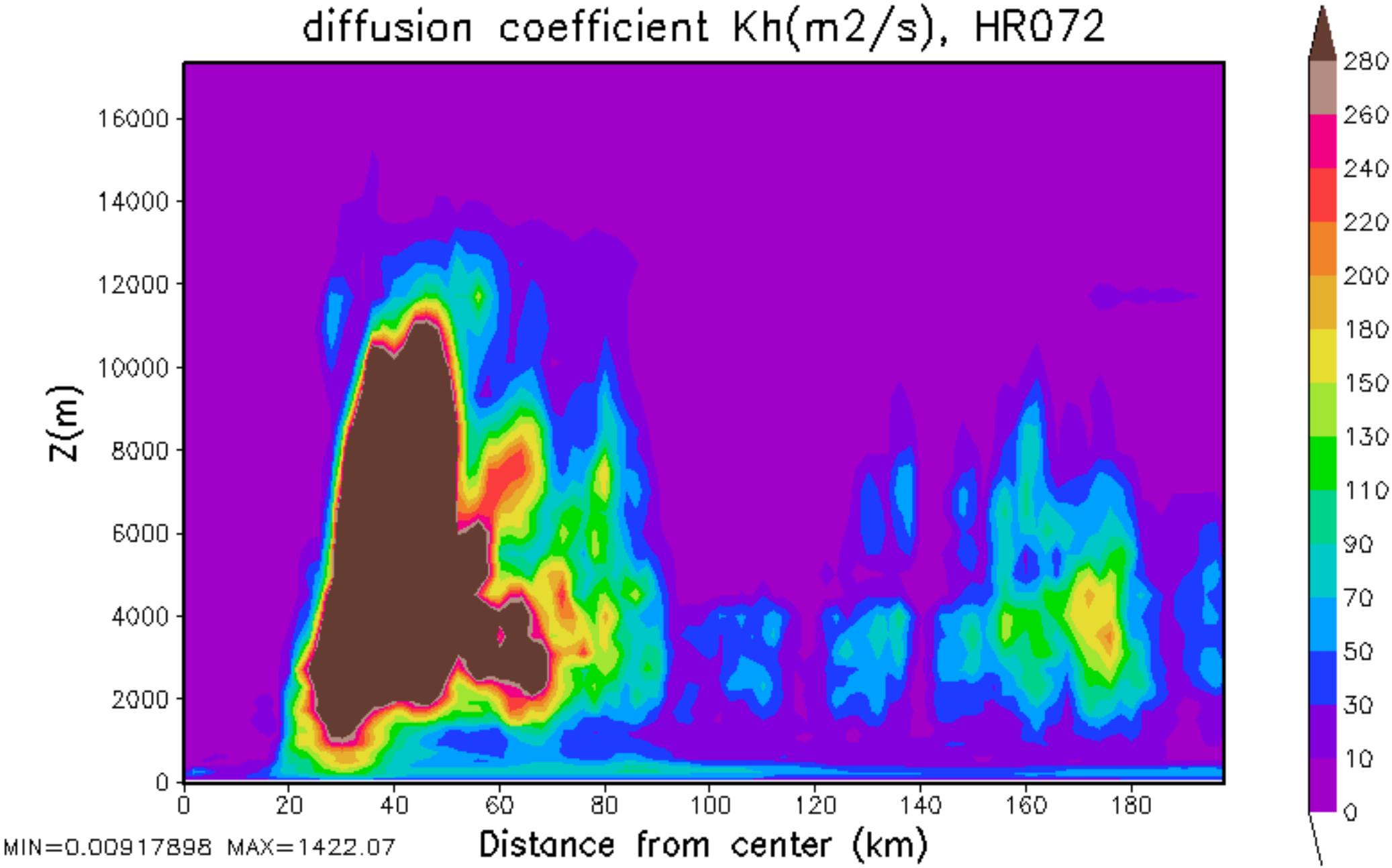
diffusion coefficient Kh(m2/s), HR072
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917898 MAX=1422.07
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260
240
220
200
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130
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50
30
10
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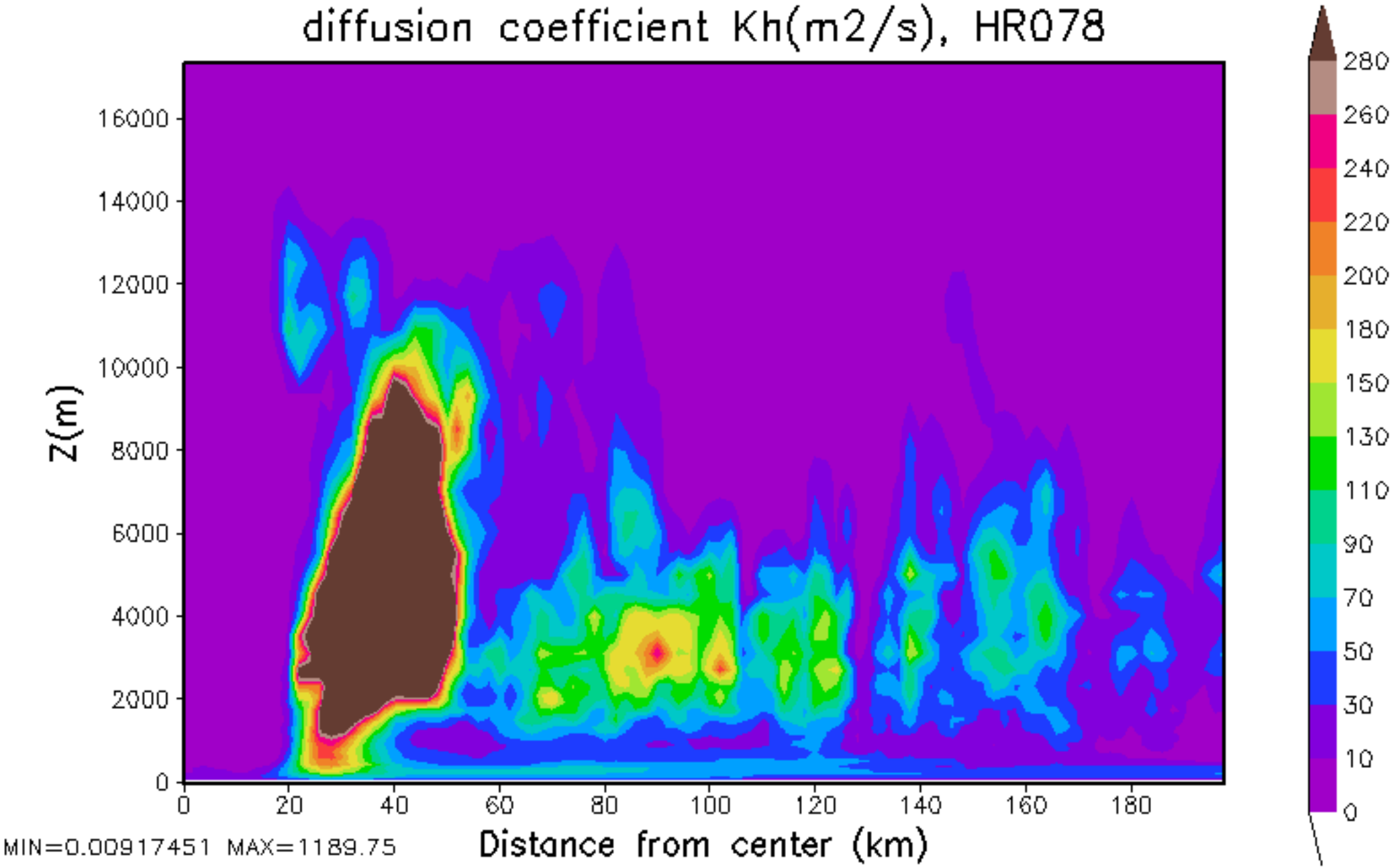
diffusion coefficient Kh(m2/s), HR078
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917451 MAX=1189.75
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260
240
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130
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90
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50
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10
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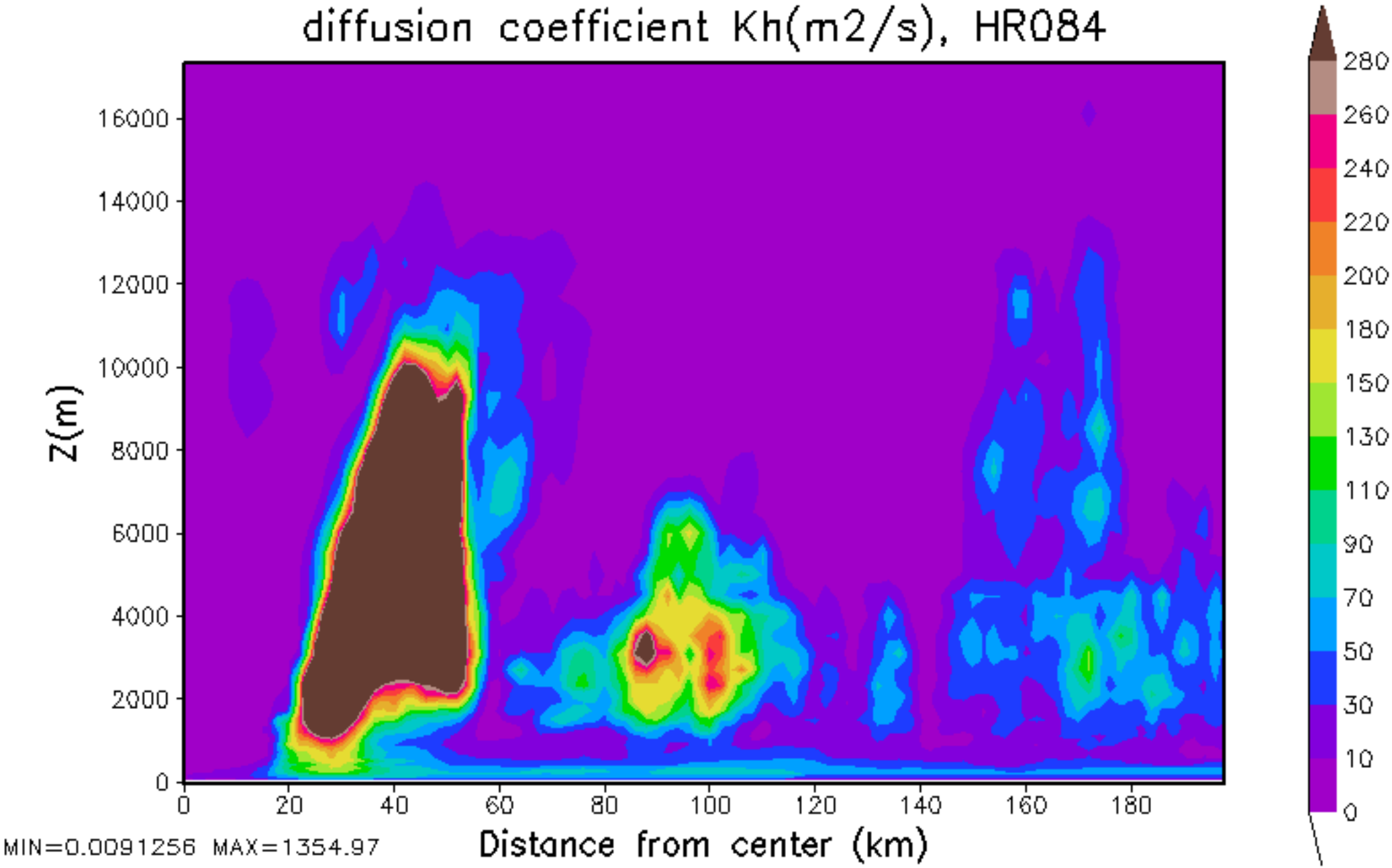
diffusion coefficient Kh(m2/s), HR084
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0091256 MAX=1354.97
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260
240
220
200
180
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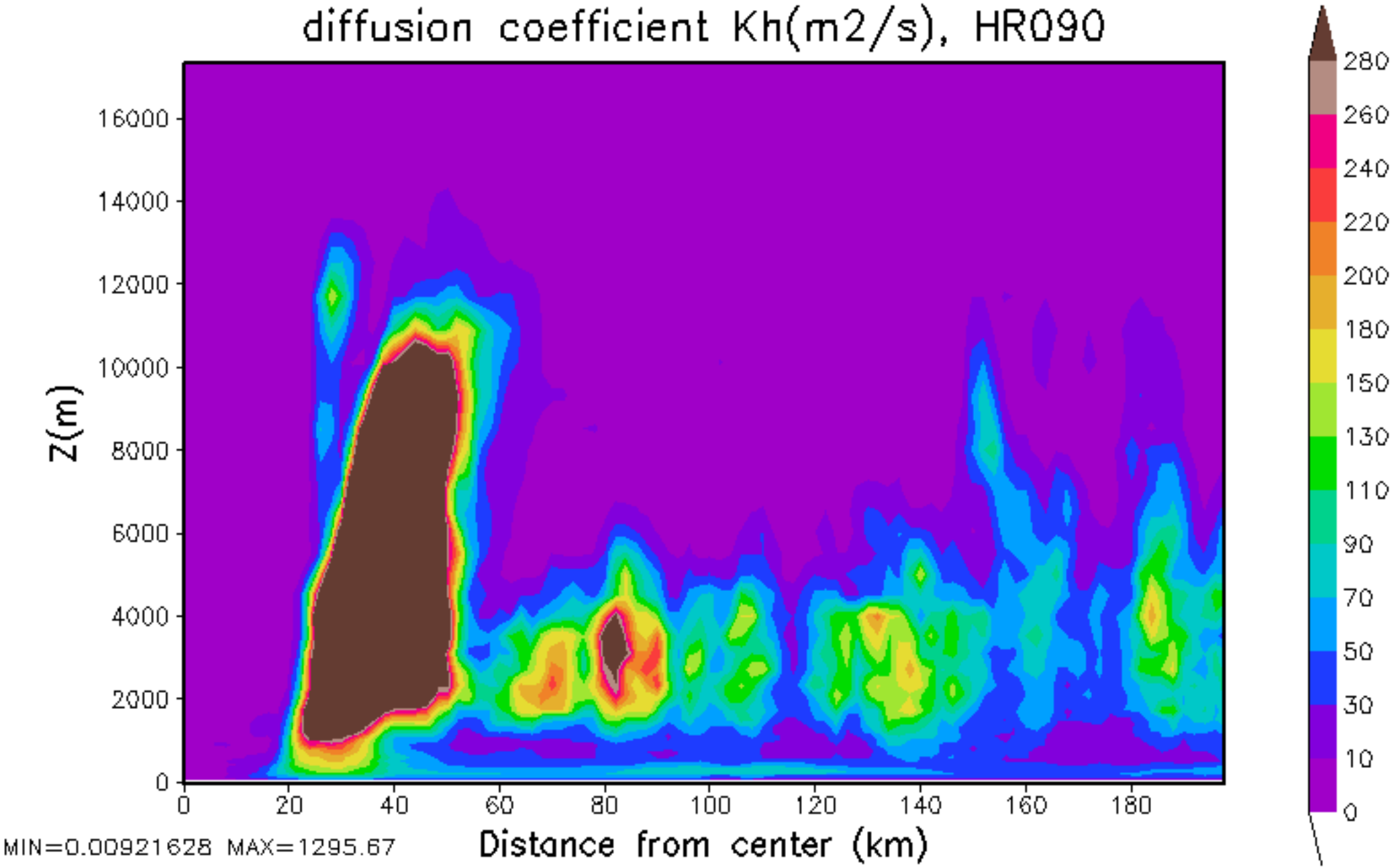
130
110
90
70
50
30
10
0


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=0.00921628 MAX=1295.67
280
260
240
220
200
180
150
130
110
90
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50
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10
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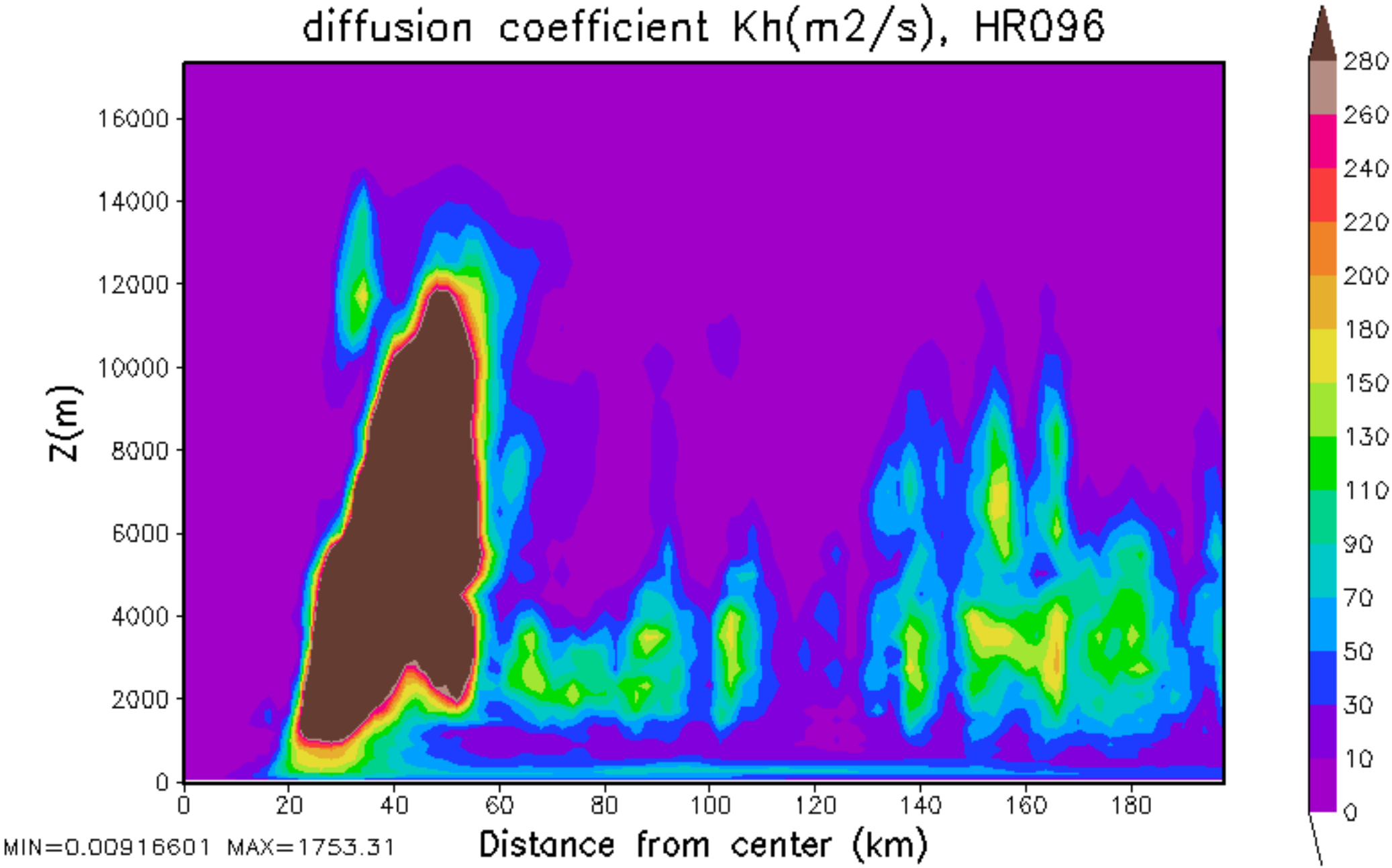
diffusion coefficient Kh(m2/s), HR096
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00916601 MAX=1753.31
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260
240
220
200
180
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130
110
90
70
50
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10
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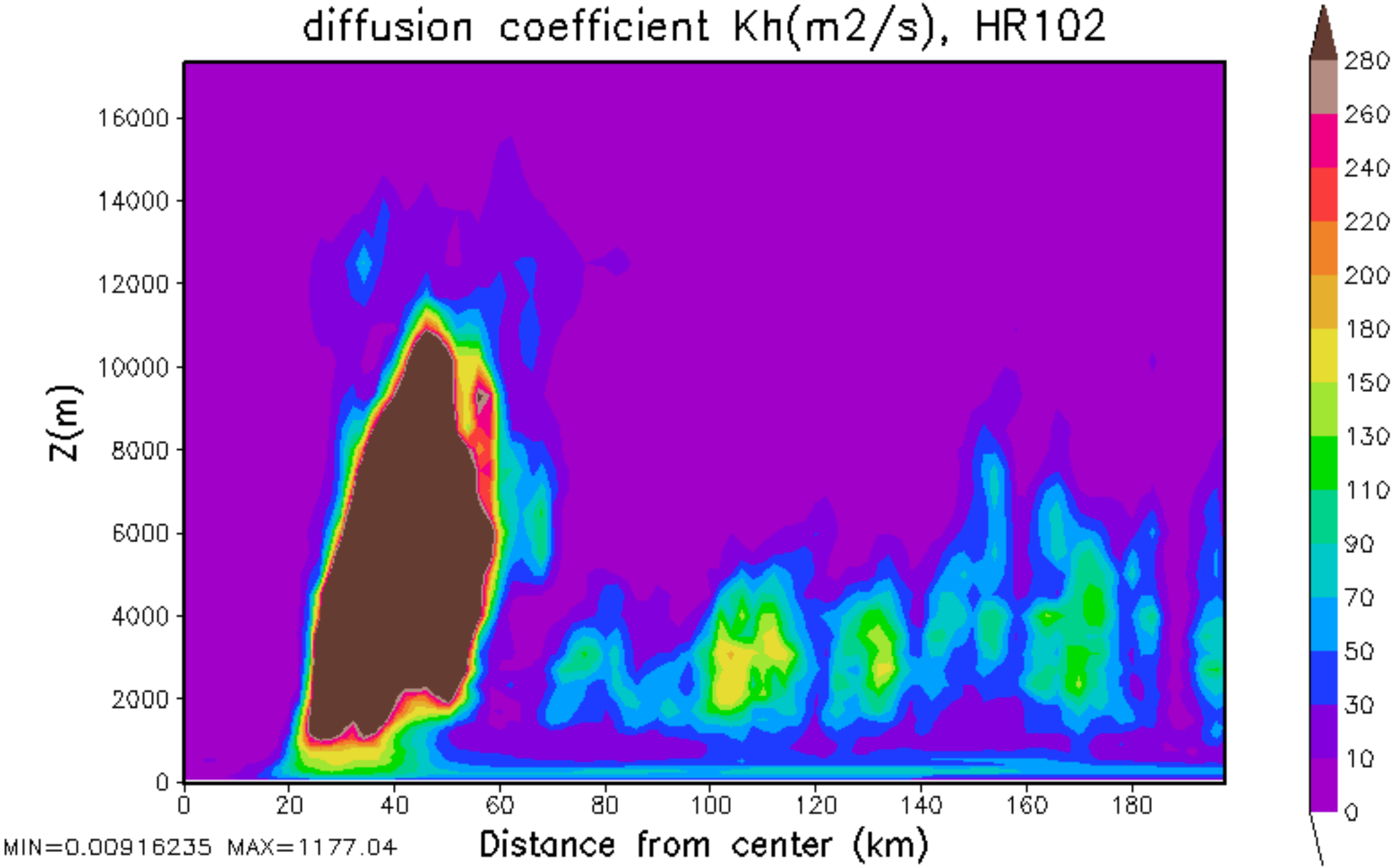
diffusion coefficient Kh(m2/s), HR102
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00916235 MAX=1177.04
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260
240
220
200
180
150
130
110
90
70
50
30
10
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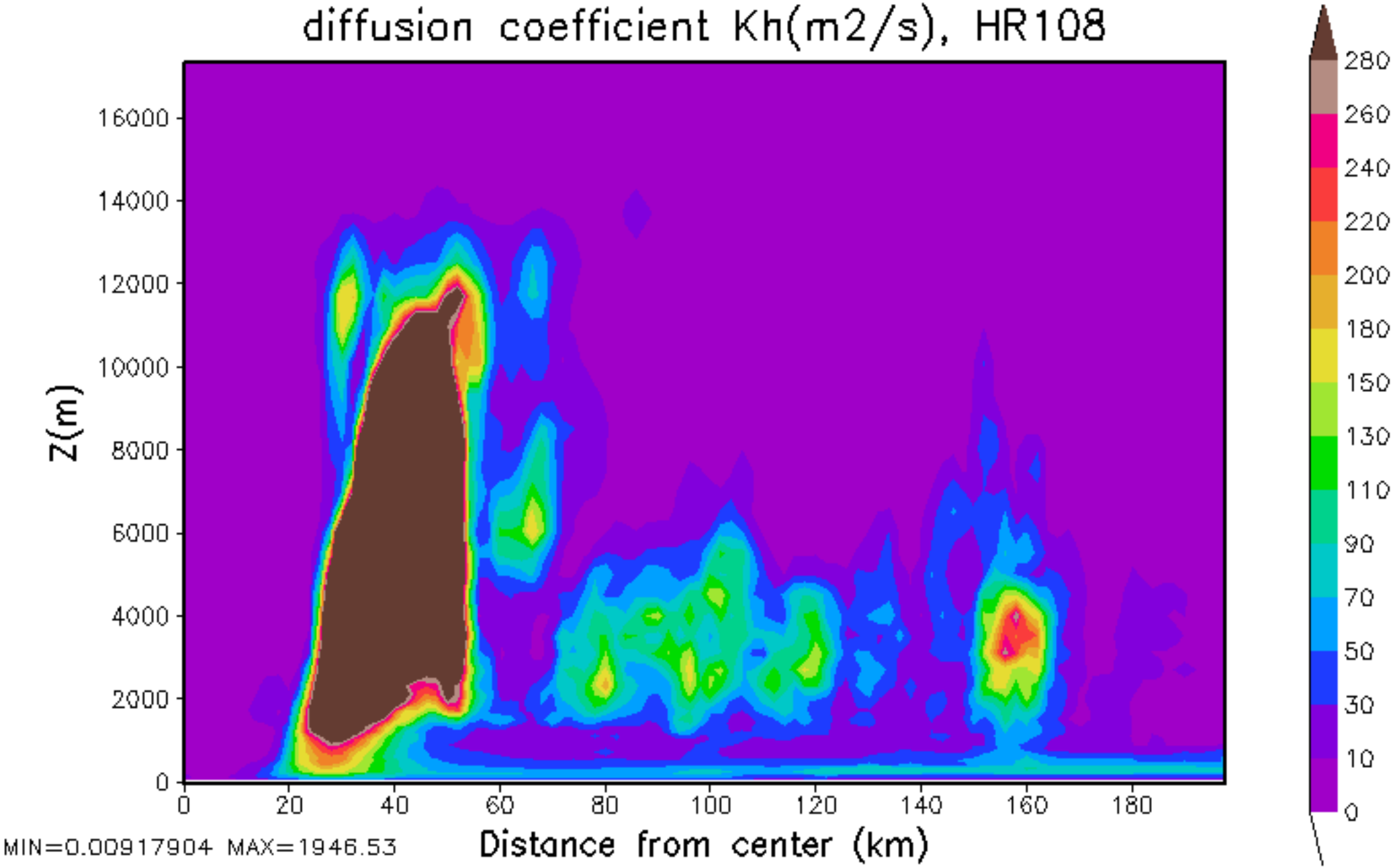
diffusion coefficient Kh(m2/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917904 MAX=1946.53
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260
240
220
200
180
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130
110
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50
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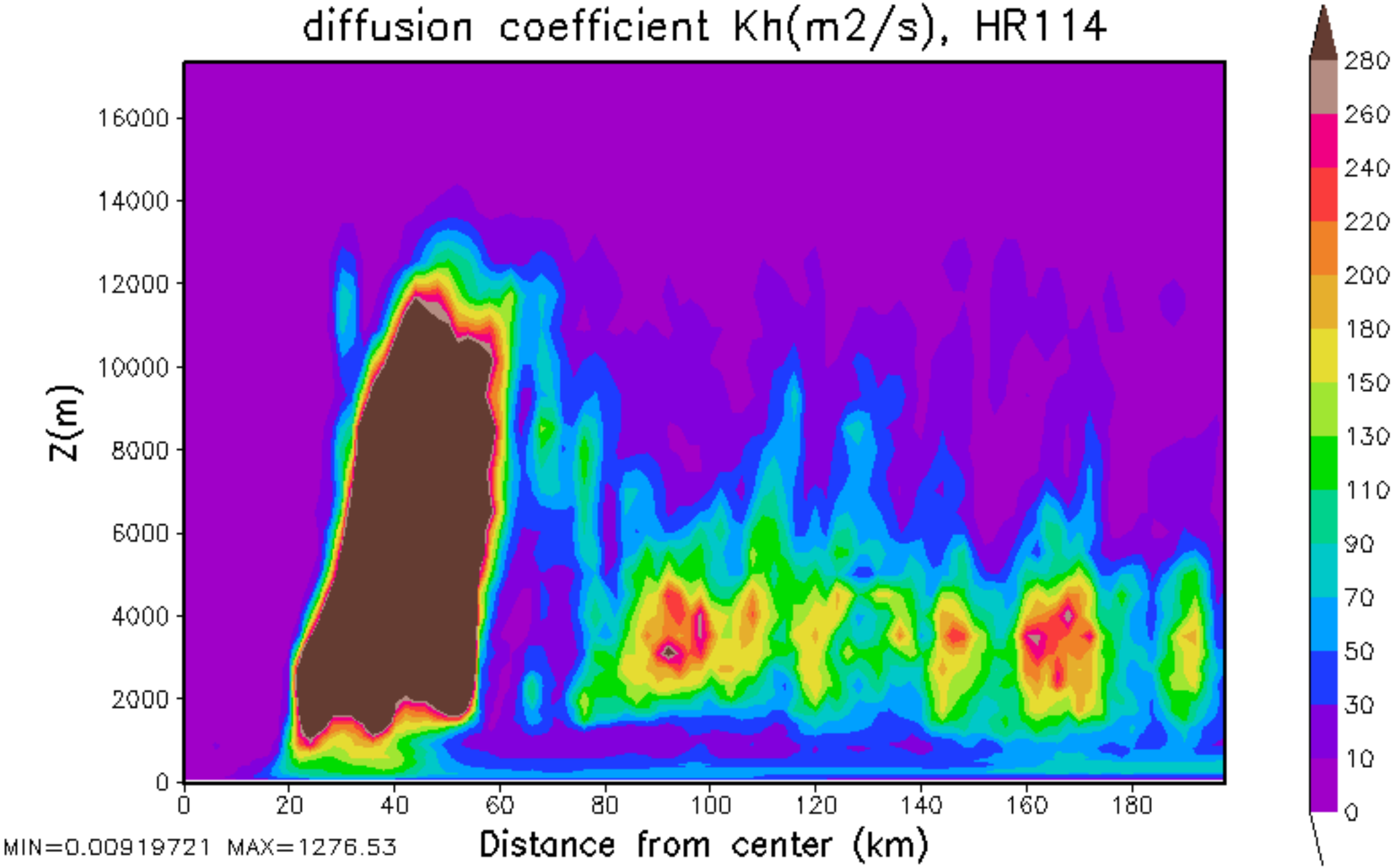
diffusion coefficient Kh(m2/s), HR114
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00919721 MAX=1276.53
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240
220
200
180
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130
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90
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50
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10
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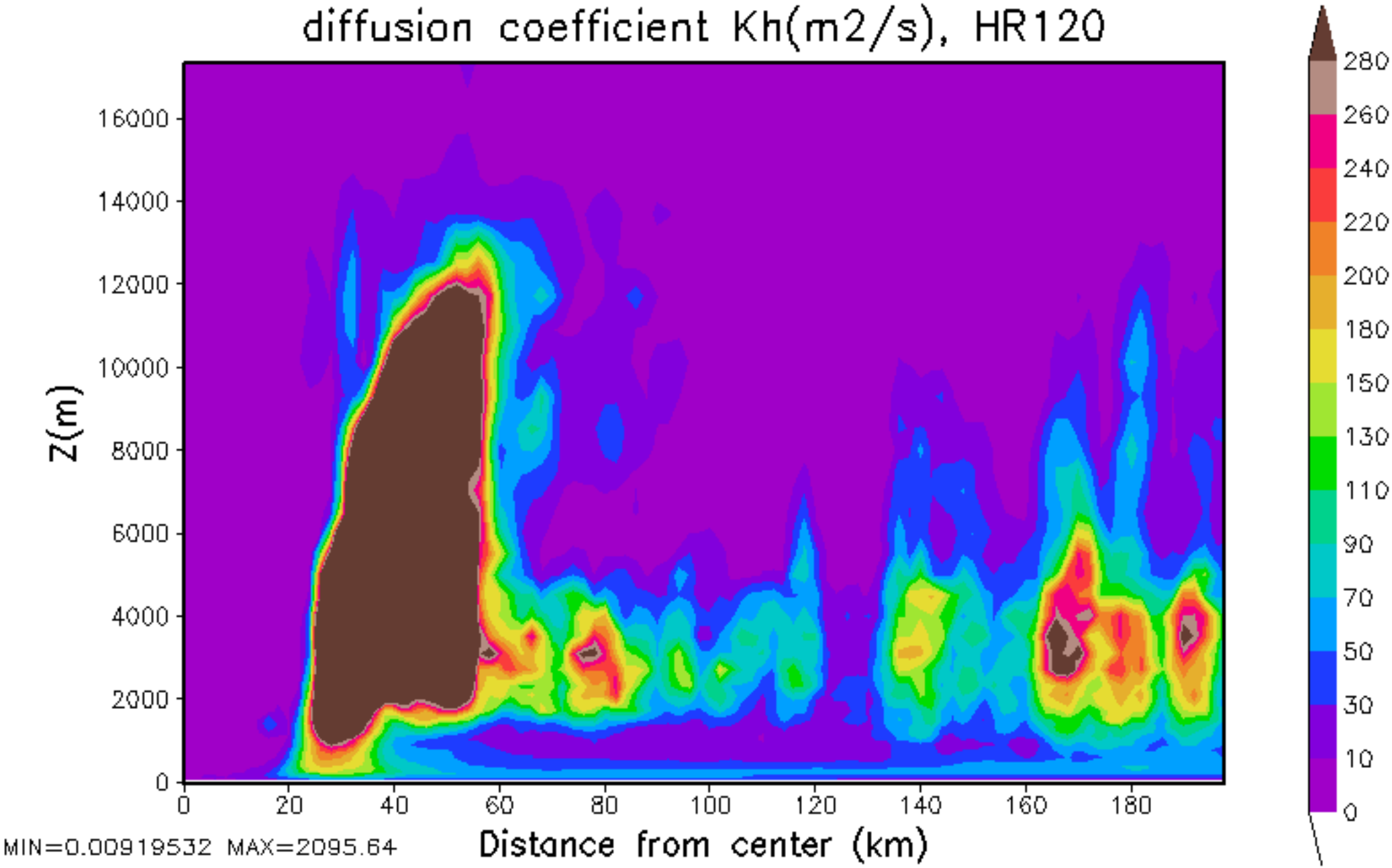
diffusion coefficient Kh(m2/s), HR120
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919532 MAX=2095.64
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240
220
200
180
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130
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90
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50
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10
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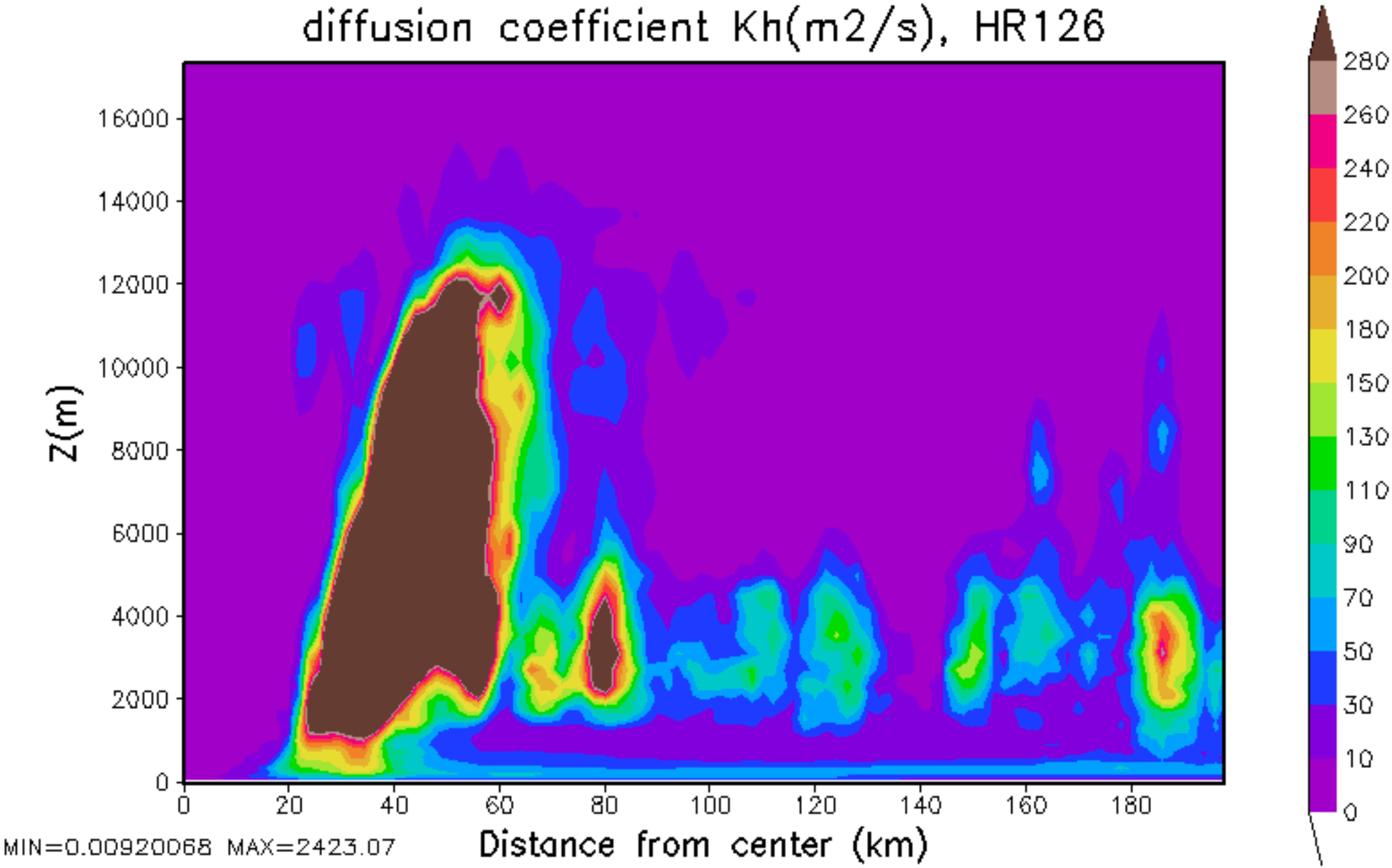
diffusion coefficient Kh(m2/s), HR126
Z(m)
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10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00920068 MAX=2423.07
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260
240
220
200
180
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130
110
90
70
50
30
10
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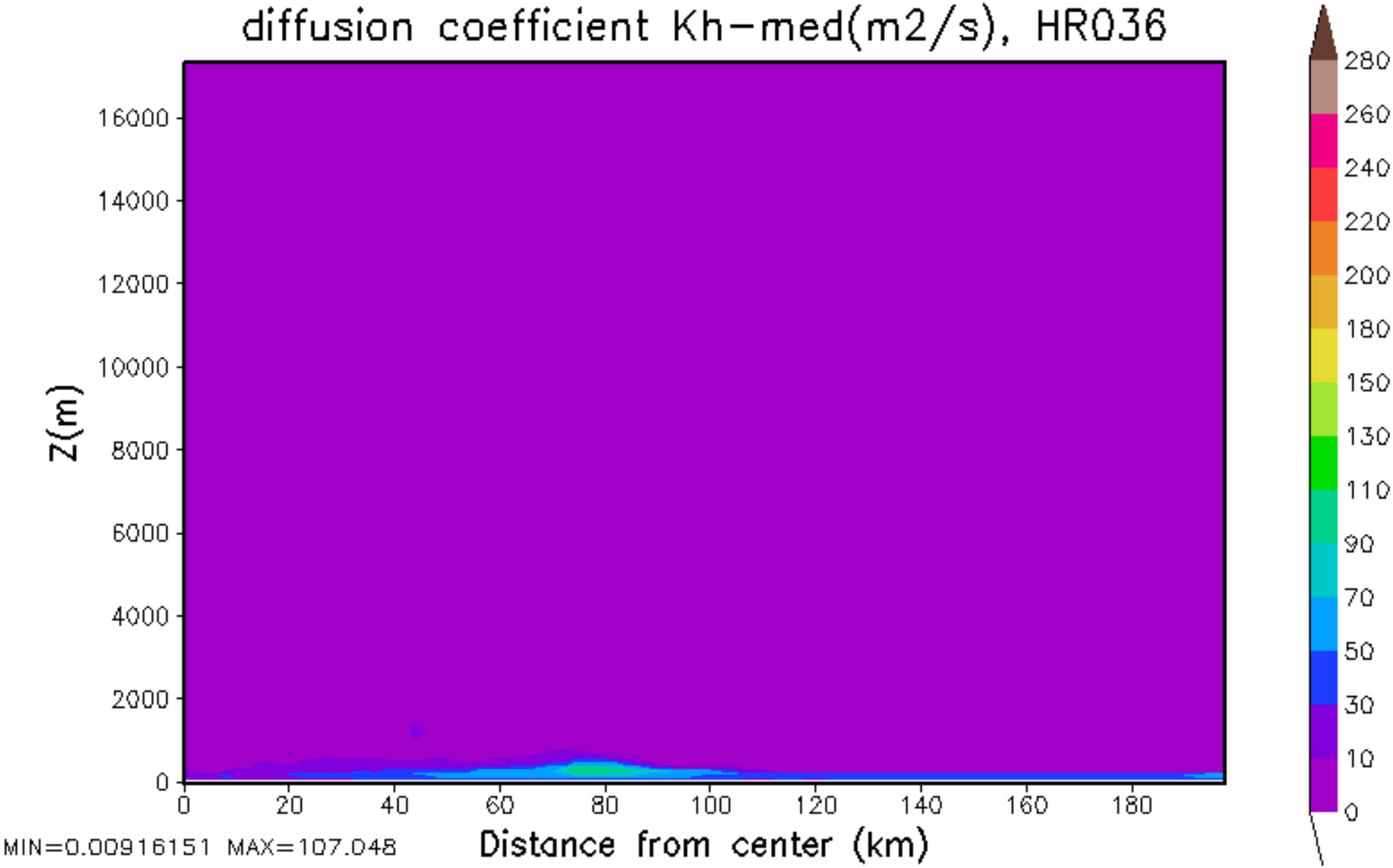
diffusion coefficient Kh-med(m2/s), HR036
Z(m)
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14000
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8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00916151 MAX=107.048
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260
240
220
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130
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50
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10
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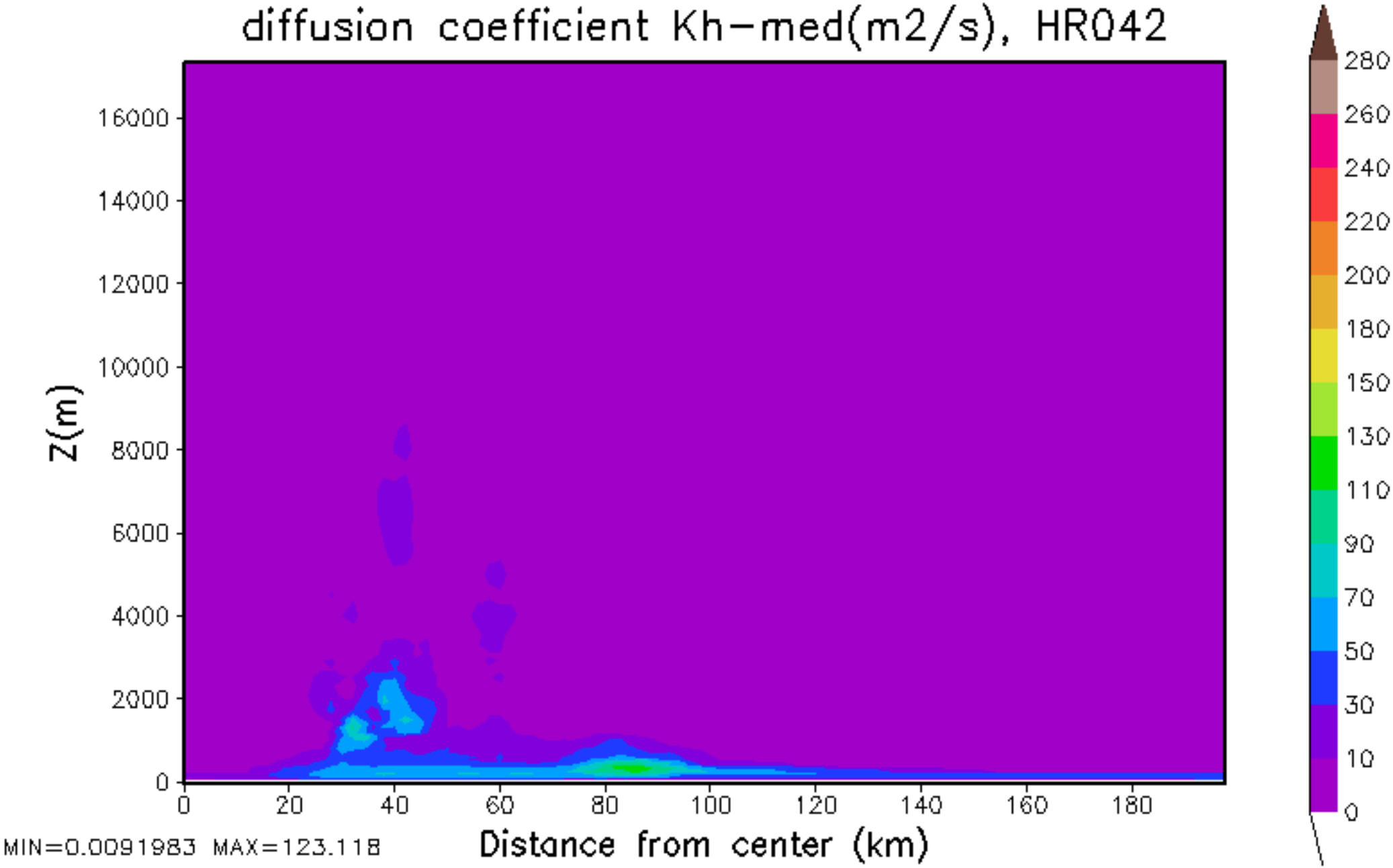
diffusion coefficient Kh-med(m2/s), HR042
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.0091983 MAX=123.118
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260
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220
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180
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50
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10
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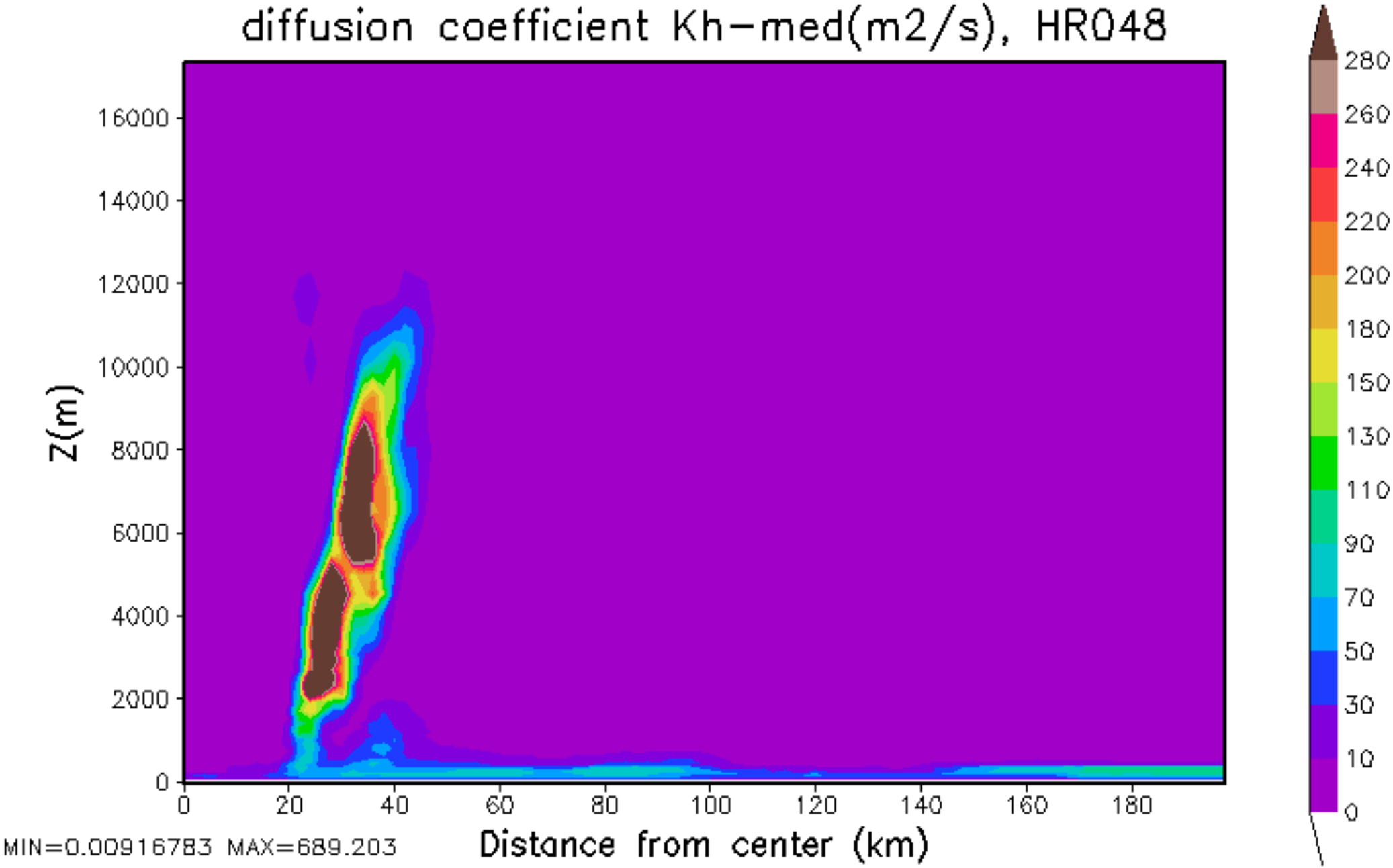
diffusion coefficient Kh-med(m2/s), HR048
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00916783 MAX=689.203
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220
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180
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130
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50
30
10
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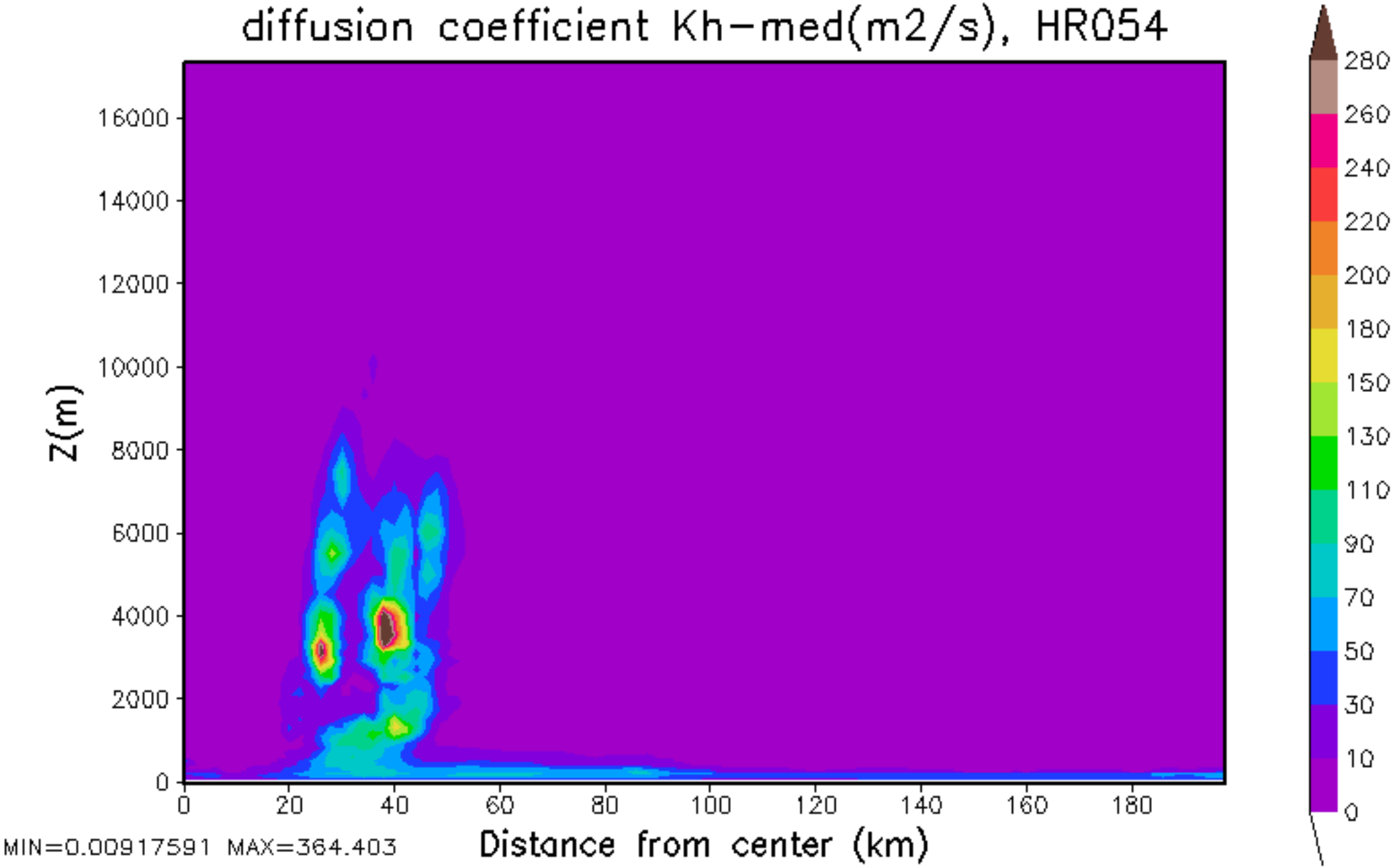
diffusion coefficient Kh-med(m2/s), HR054
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917591 MAX=364.403
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130
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50
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10
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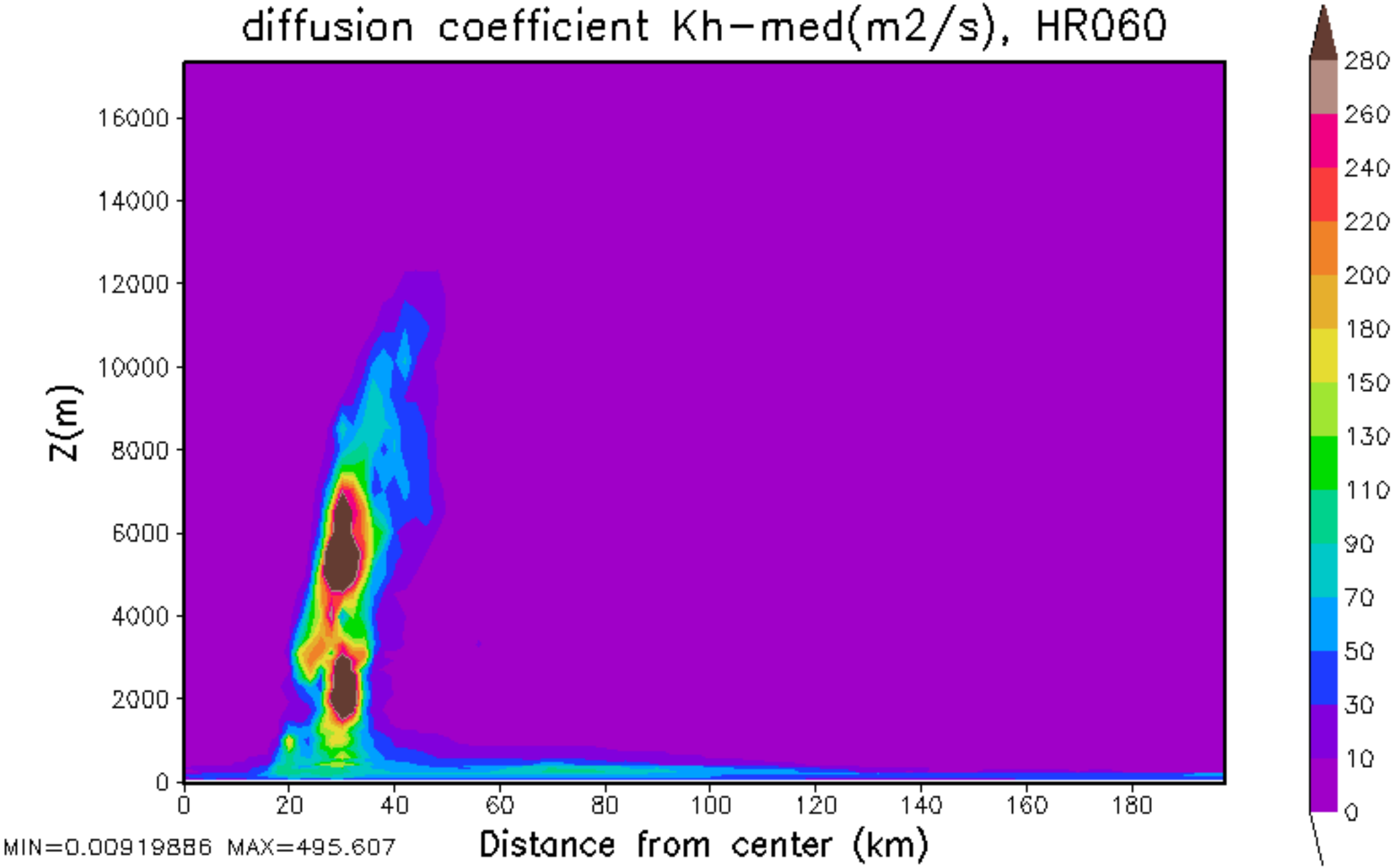
diffusion coefficient Kh-med(m2/s), HR060
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919886 MAX=495.607
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220
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130
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90
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50
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10
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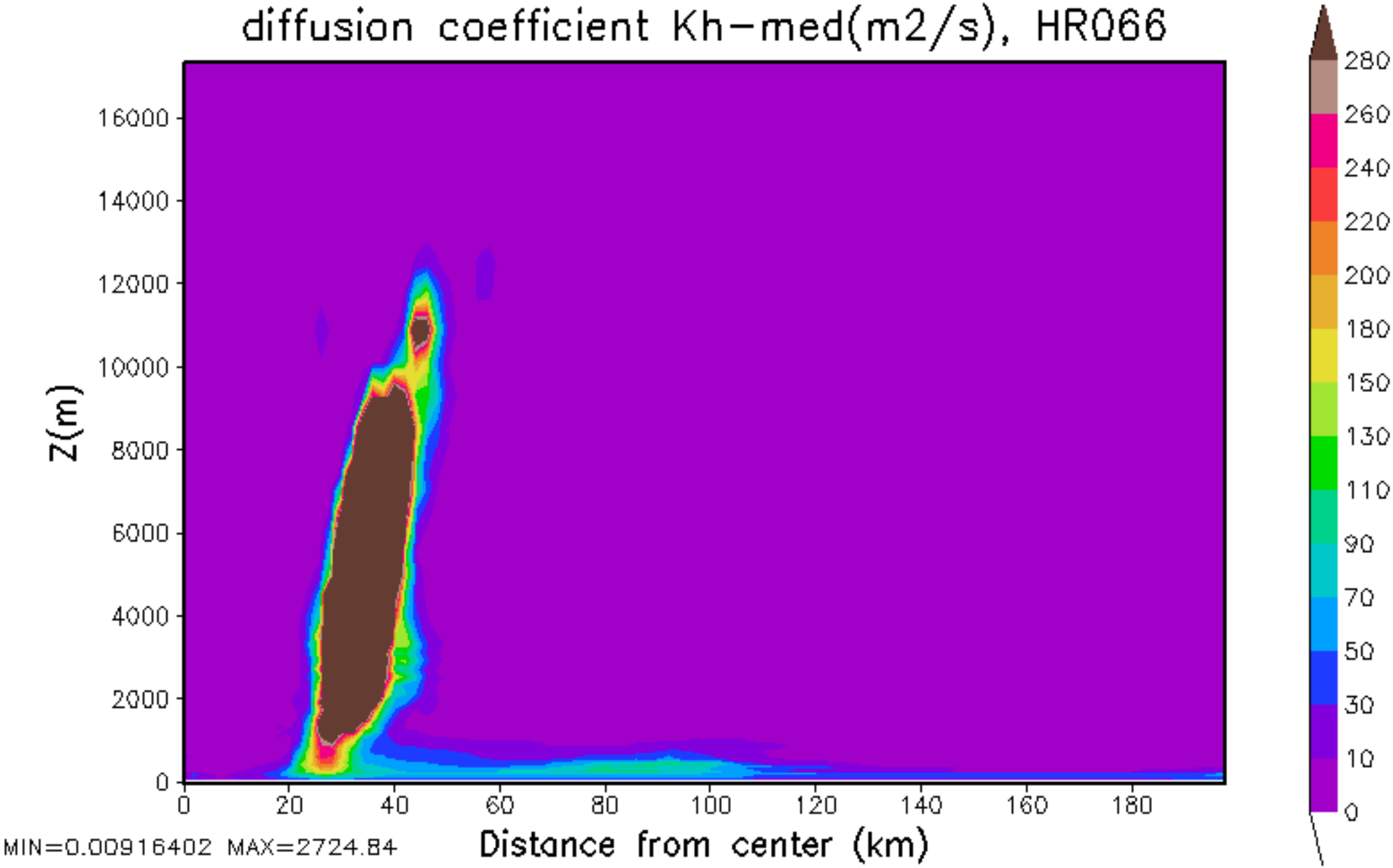
diffusion coefficient Kh-med(m2/s), HR066
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00916402 MAX=2724.84
280
260
240
220
200
180
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130
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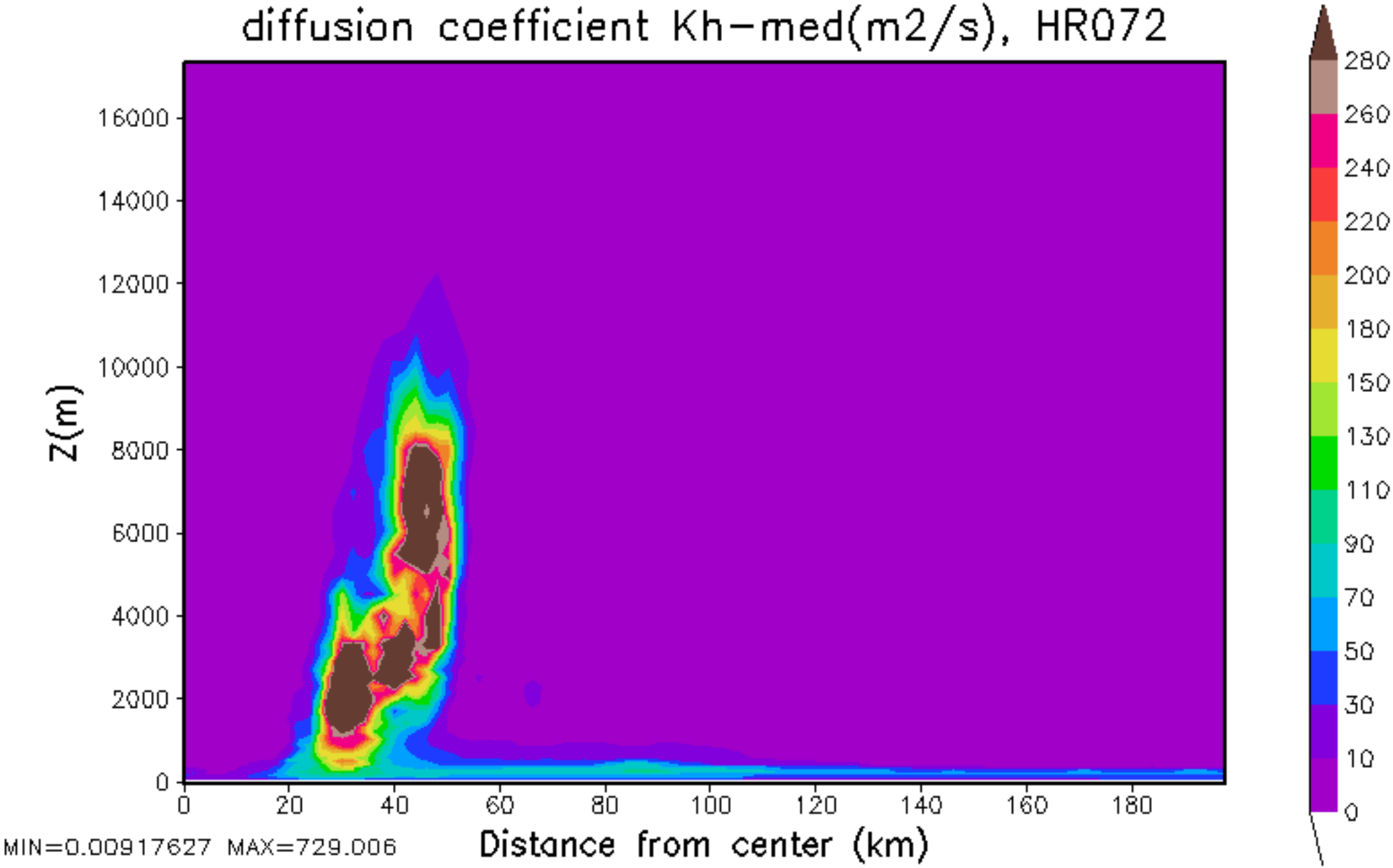
50
30
10
0


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=0.00917627 MAX=729.006
280
260
240
220
200
180
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130
110
90
70
50
30
10
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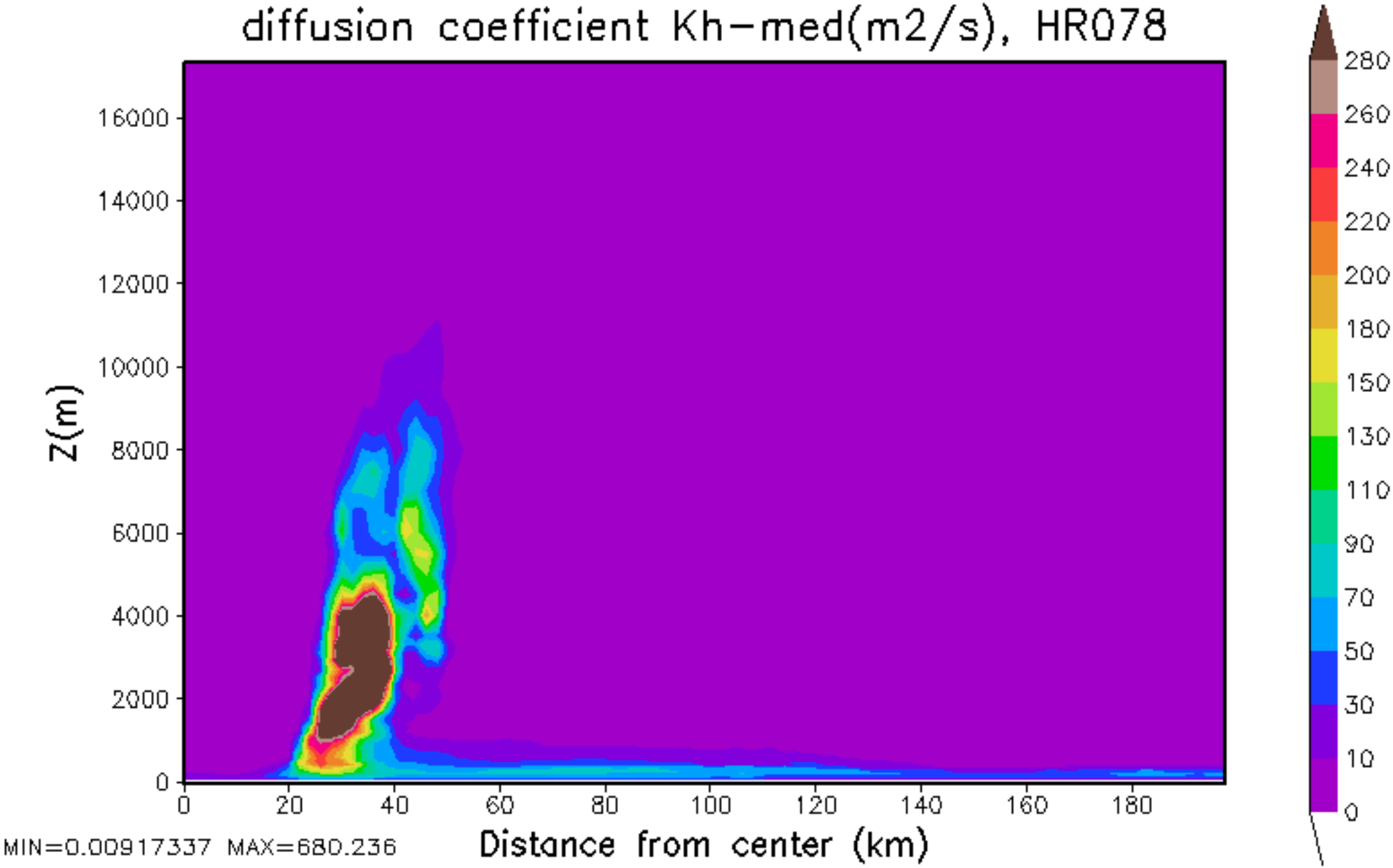
diffusion coefficient Kh-med(m2/s), HR078
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917337 MAX=680.236
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220
200
180
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130
110
90
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50
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10
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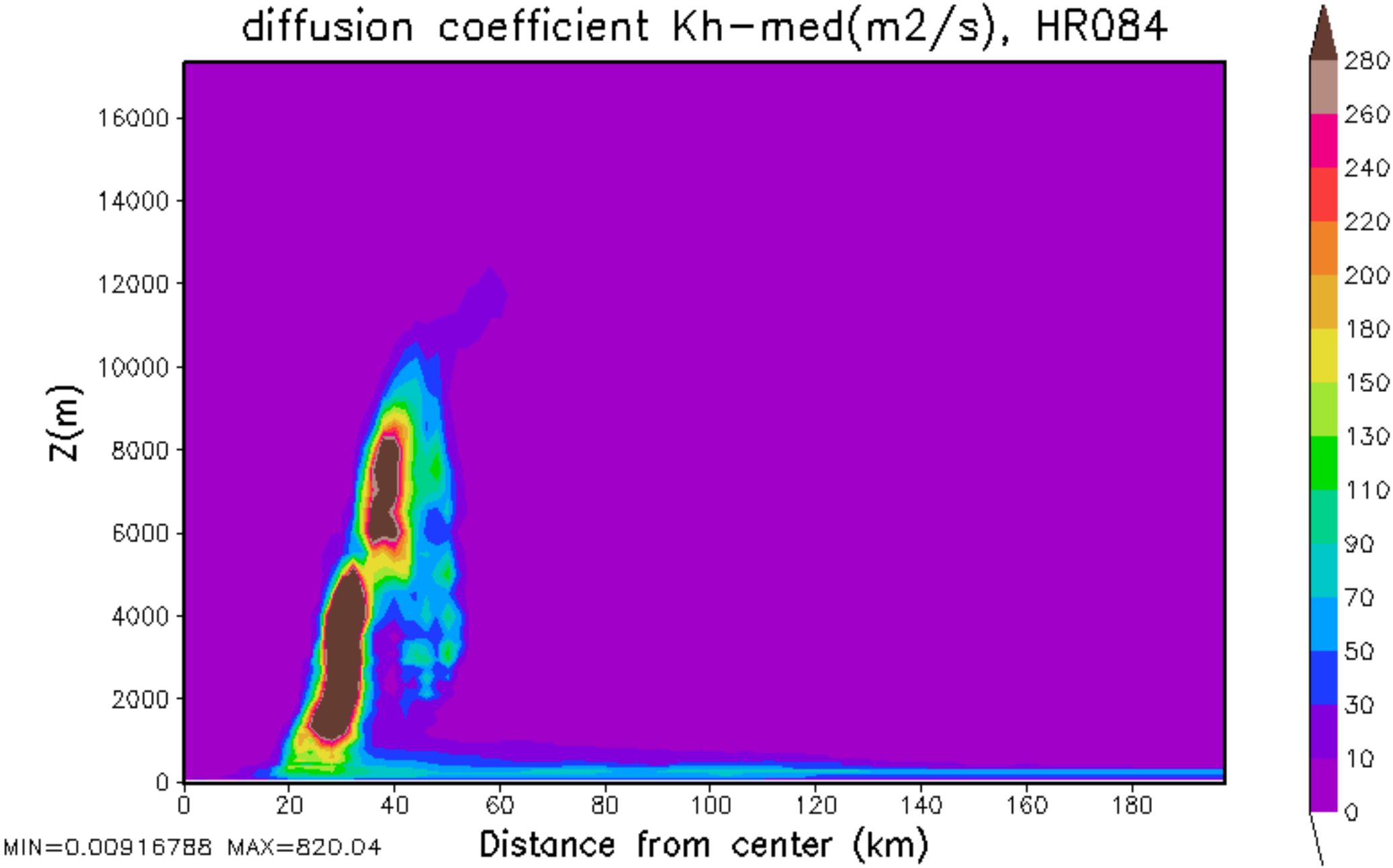
diffusion coefficient Kh-med(m2/s), HR084
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00916788 MAX=820.04
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220
200
180
150
130
110
90
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50
30
10
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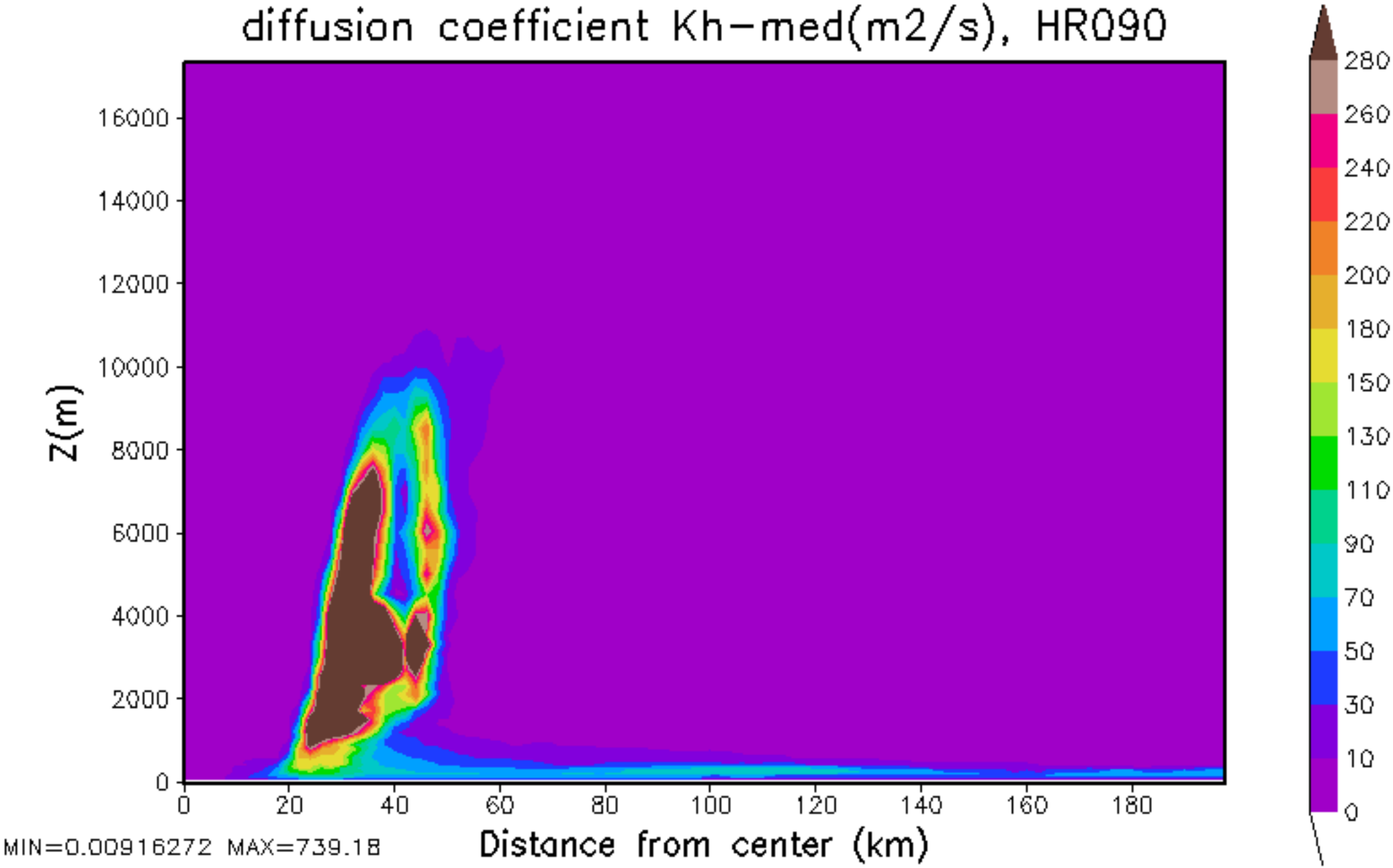
diffusion coefficient Kh-med(m2/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00916272 MAX=739.18
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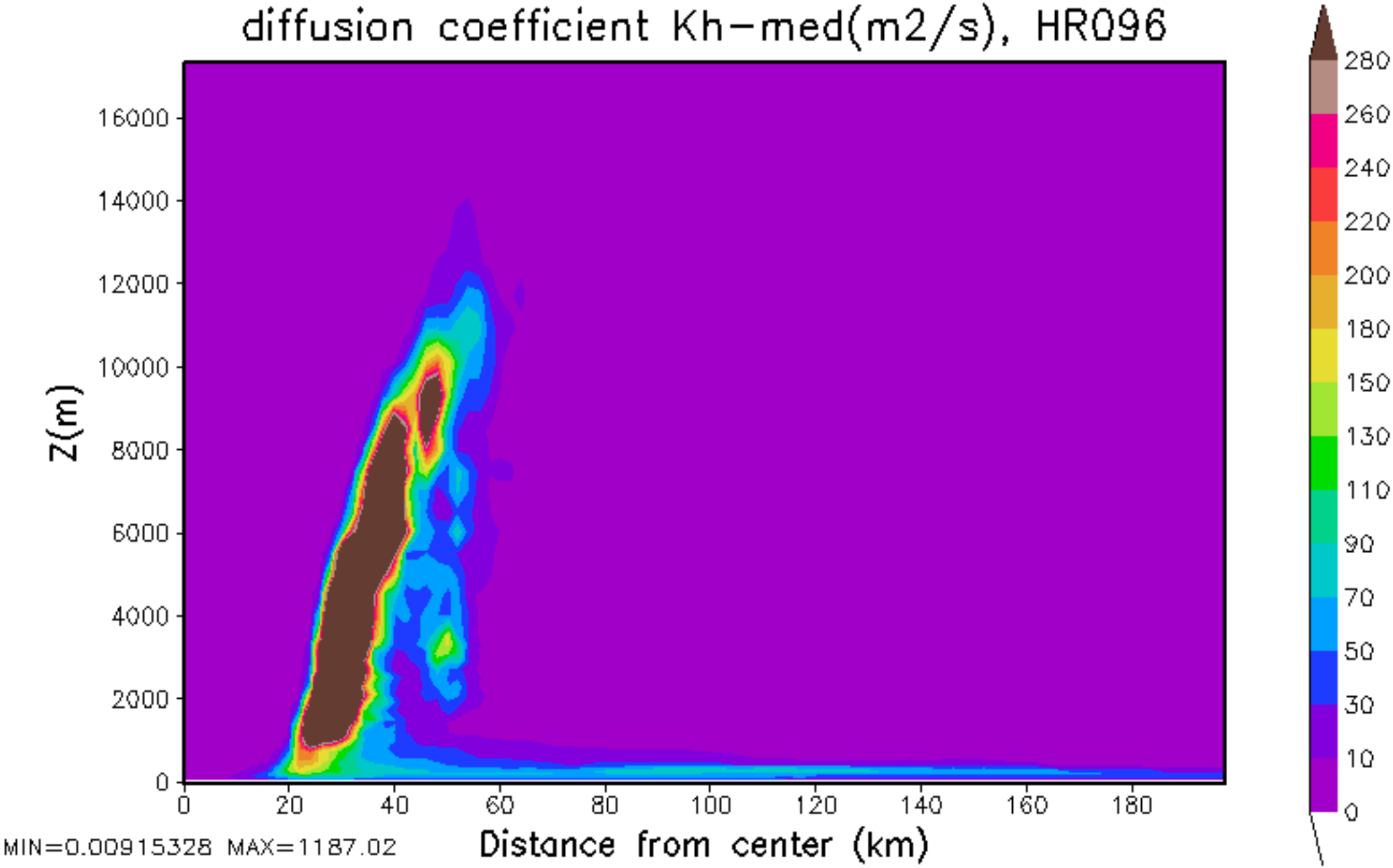
260
240
220
200
180
150
130
110
90
70
50
30
10
0


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=0.00915328 MAX=1187.02
280
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240
220
200
180
150
130
110
90
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50
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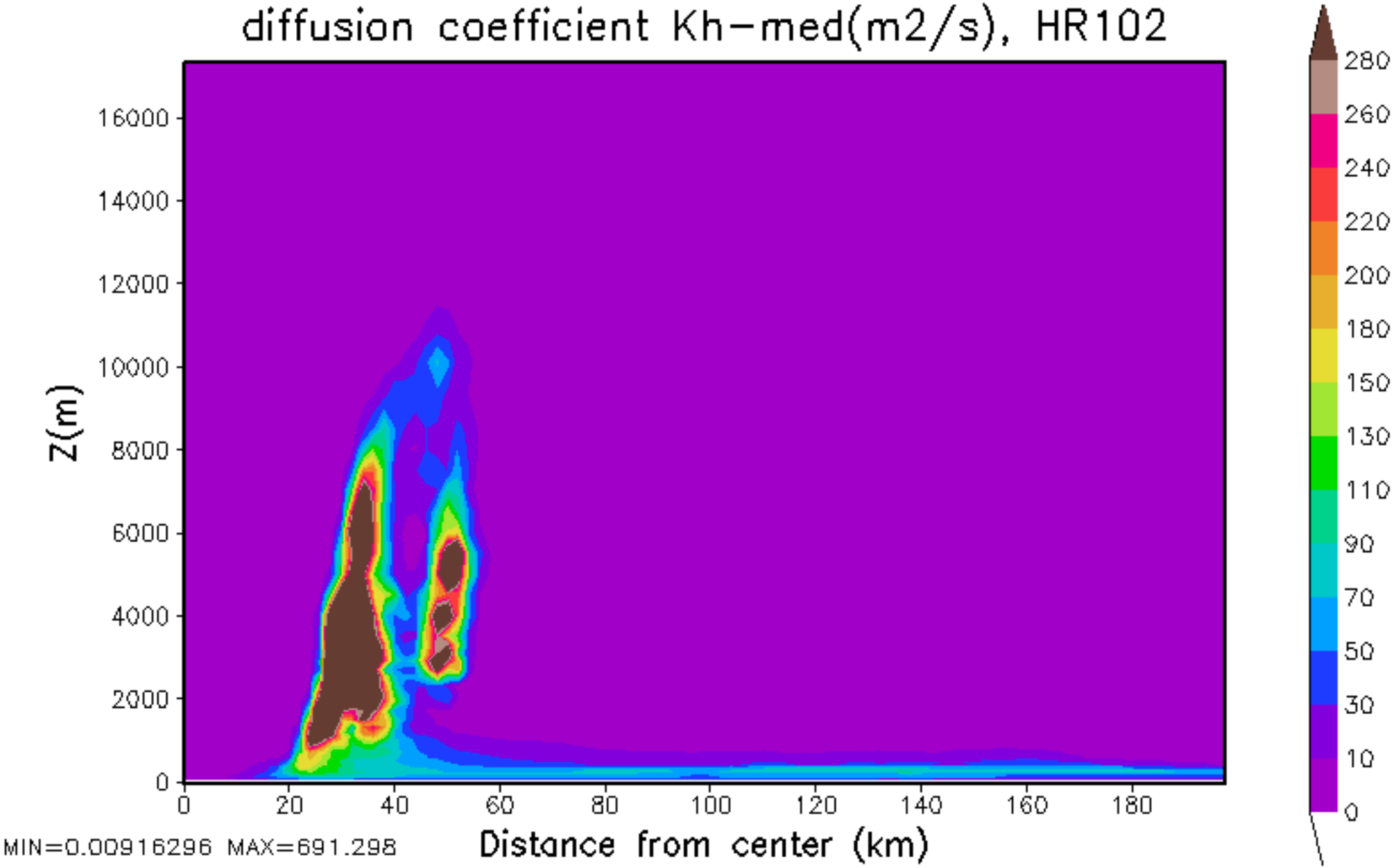
10
0


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=0.00916296 MAX=691.298
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240
220
200
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150
130
110
90
70
50
30
10
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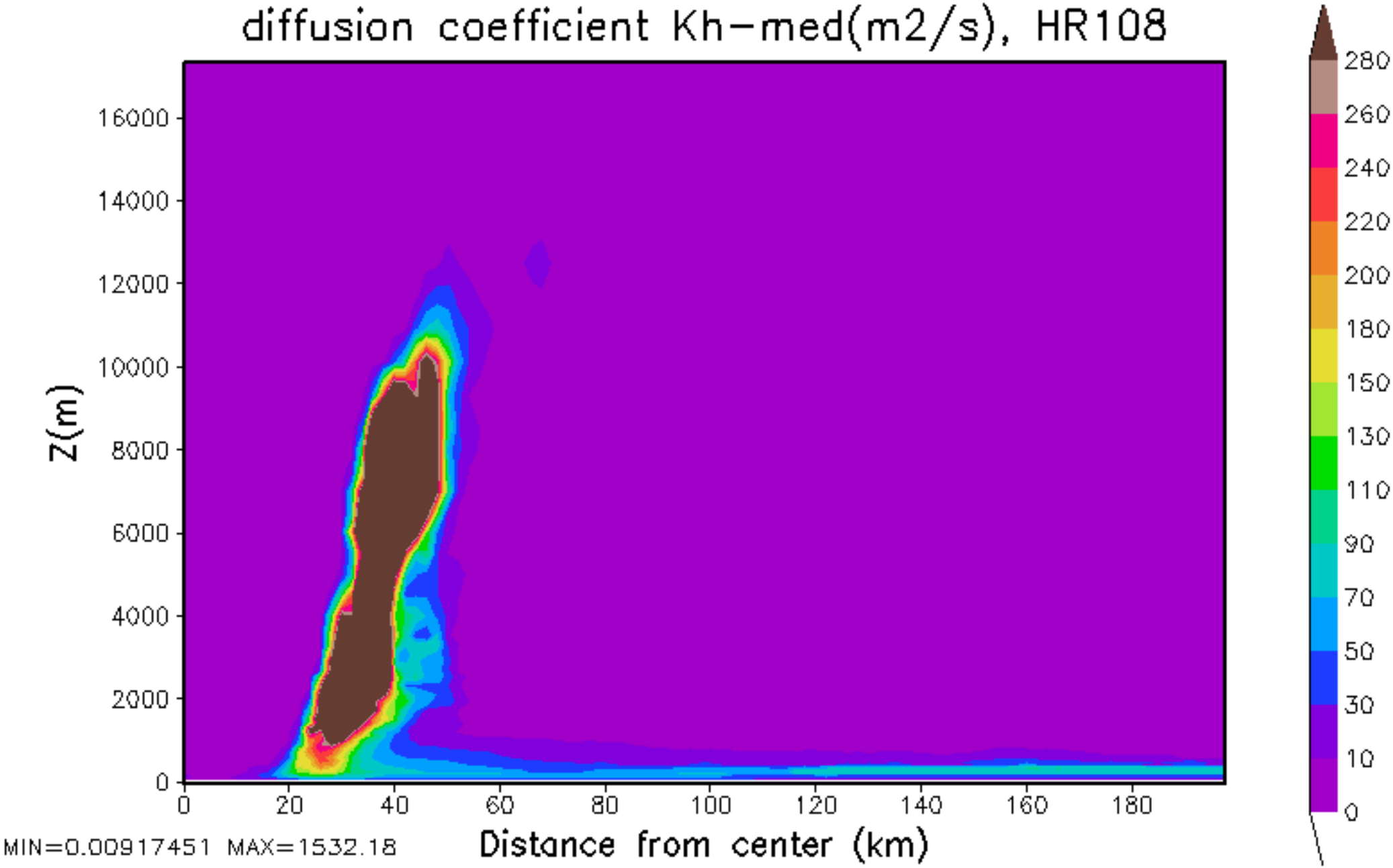
diffusion coefficient Kh-med(m2/s), HR108
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00917451 MAX=1532.18
280
260
240
220
200
180
150
130
110
90
70
50
30
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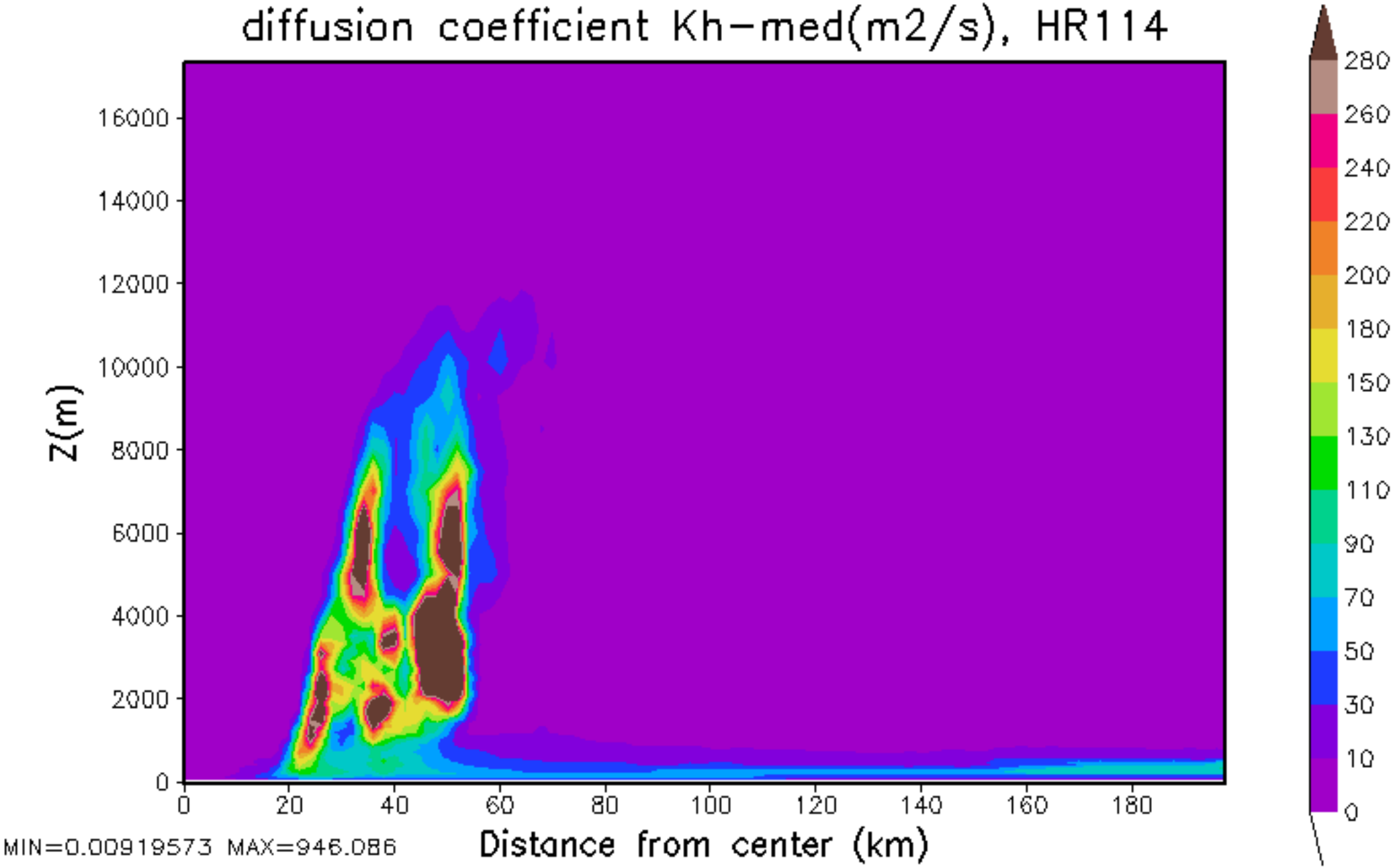
diffusion coefficient Kh-med(m2/s), HR114
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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100
120
140
160
180
Distance from center (km)
MIN=0.00919573 MAX=946.086
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260
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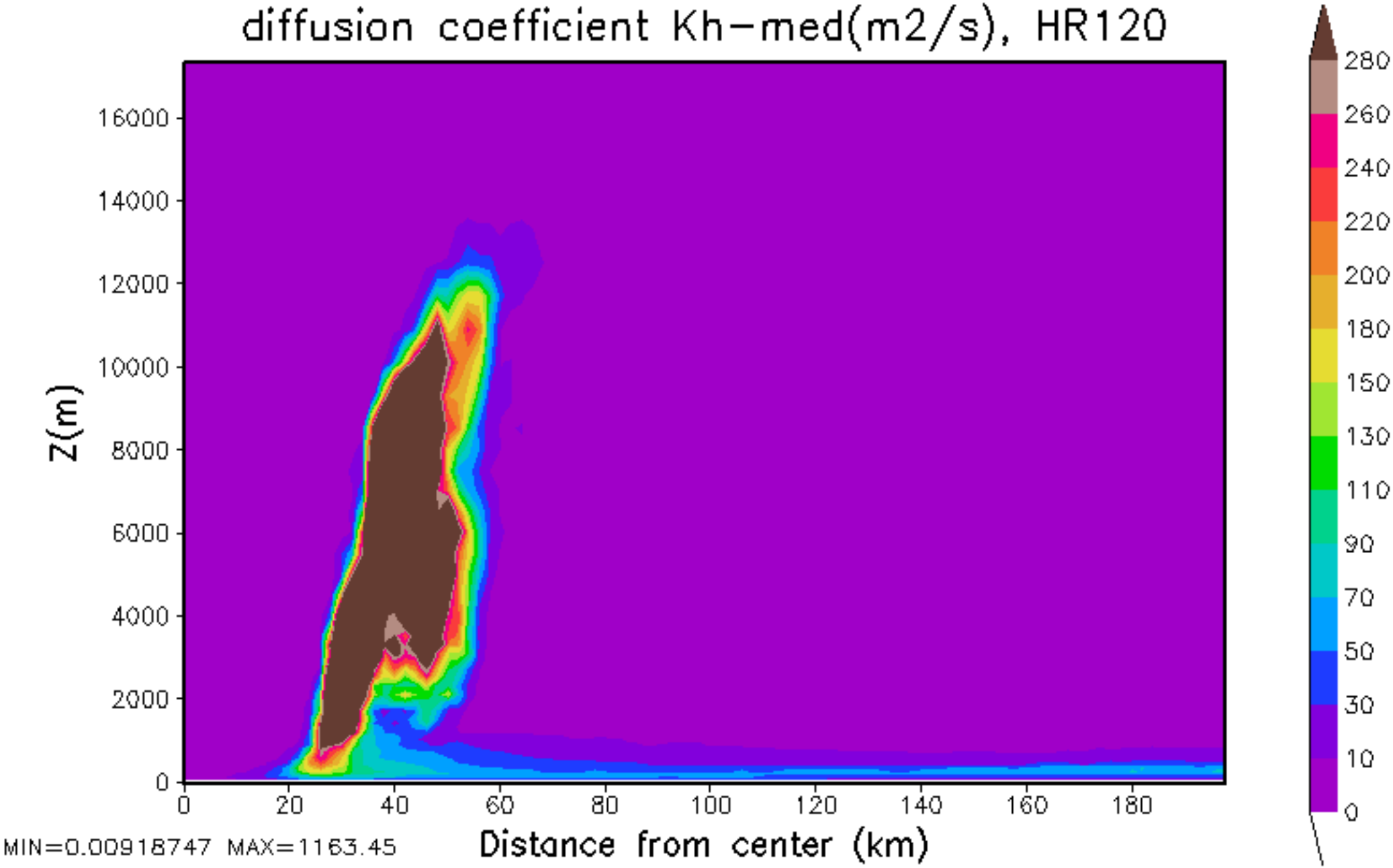
diffusion coefficient Kh-med(m2/s), HR120
Z(m)
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8000
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4000
2000
0
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00918747 MAX=1163.45
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260
240
220
200
180
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130
110
90
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50
30
10
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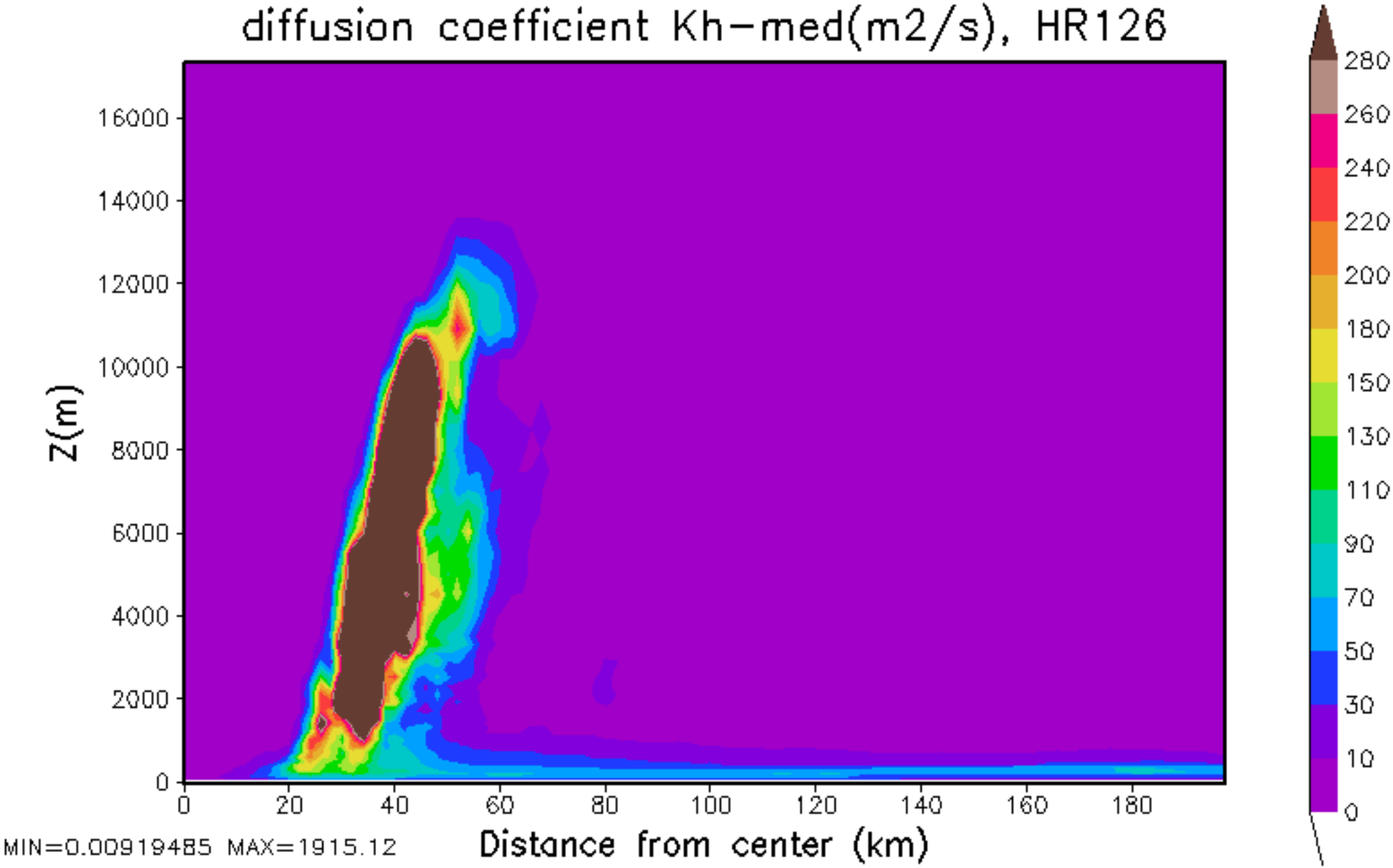
diffusion coefficient Kh-med(m2/s), HR126
Z(m)
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10000
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6000
4000
2000
0
0
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60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00919485 MAX=1915.12
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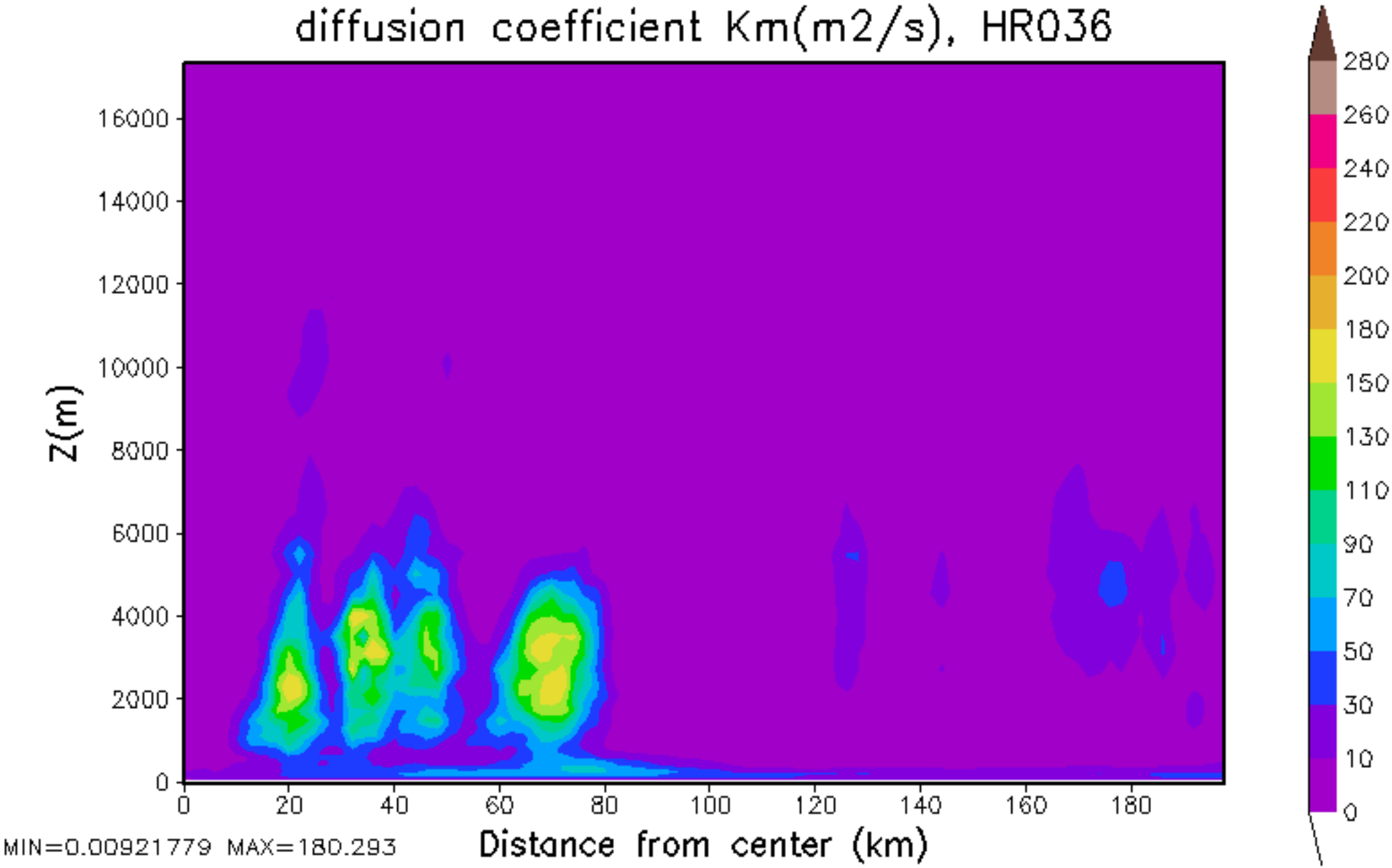
diffusion coefficient Km(m2/s), HR036
Z(m)
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8000
6000
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00921779 MAX=180.293
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260
240
220
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50
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10
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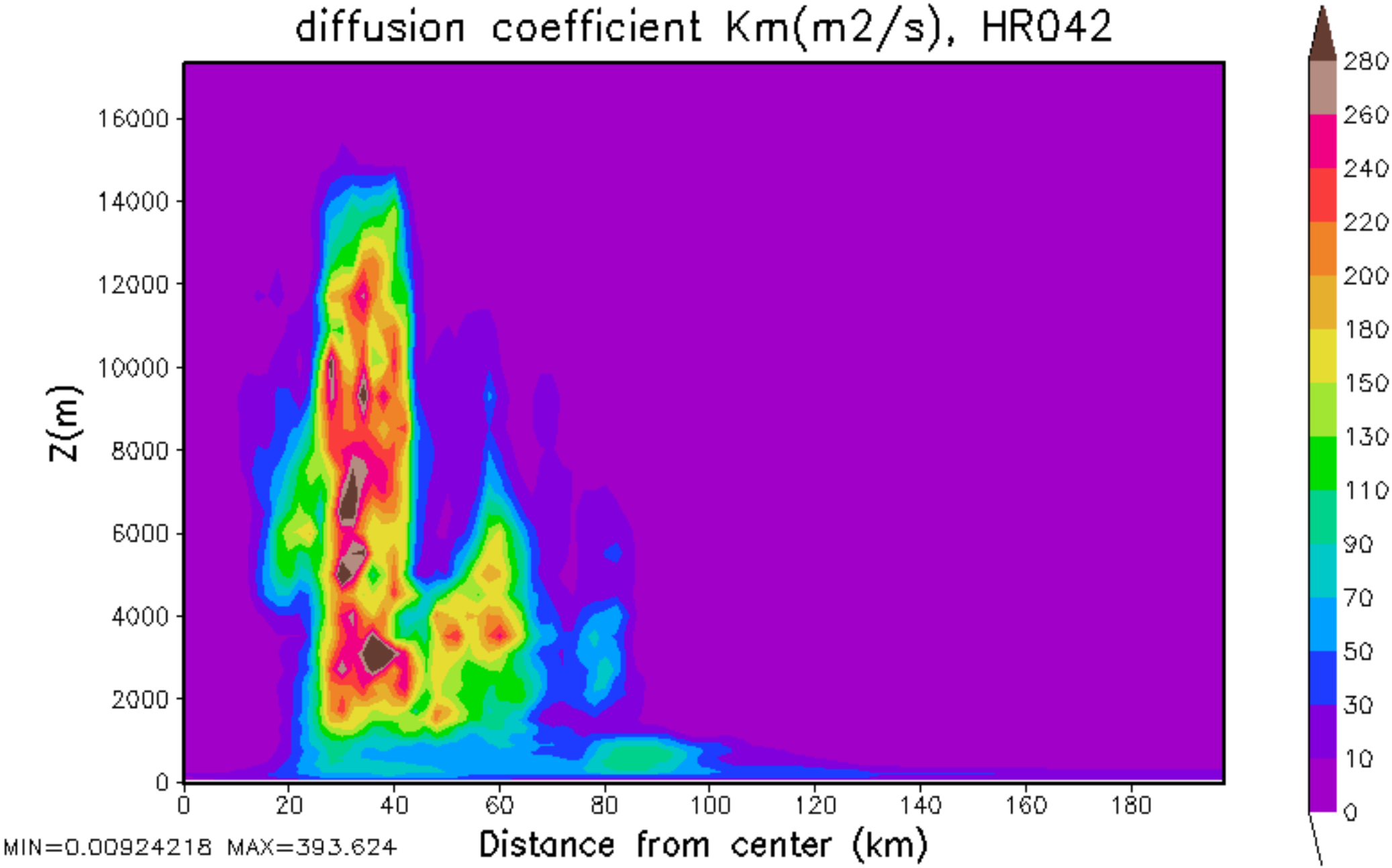
diffusion coefficient Km(m2/s), HR042
Z(m)
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12000
10000
8000
6000
4000
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0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924218 MAX=393.624
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260
240
220
200
180
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130
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50
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10
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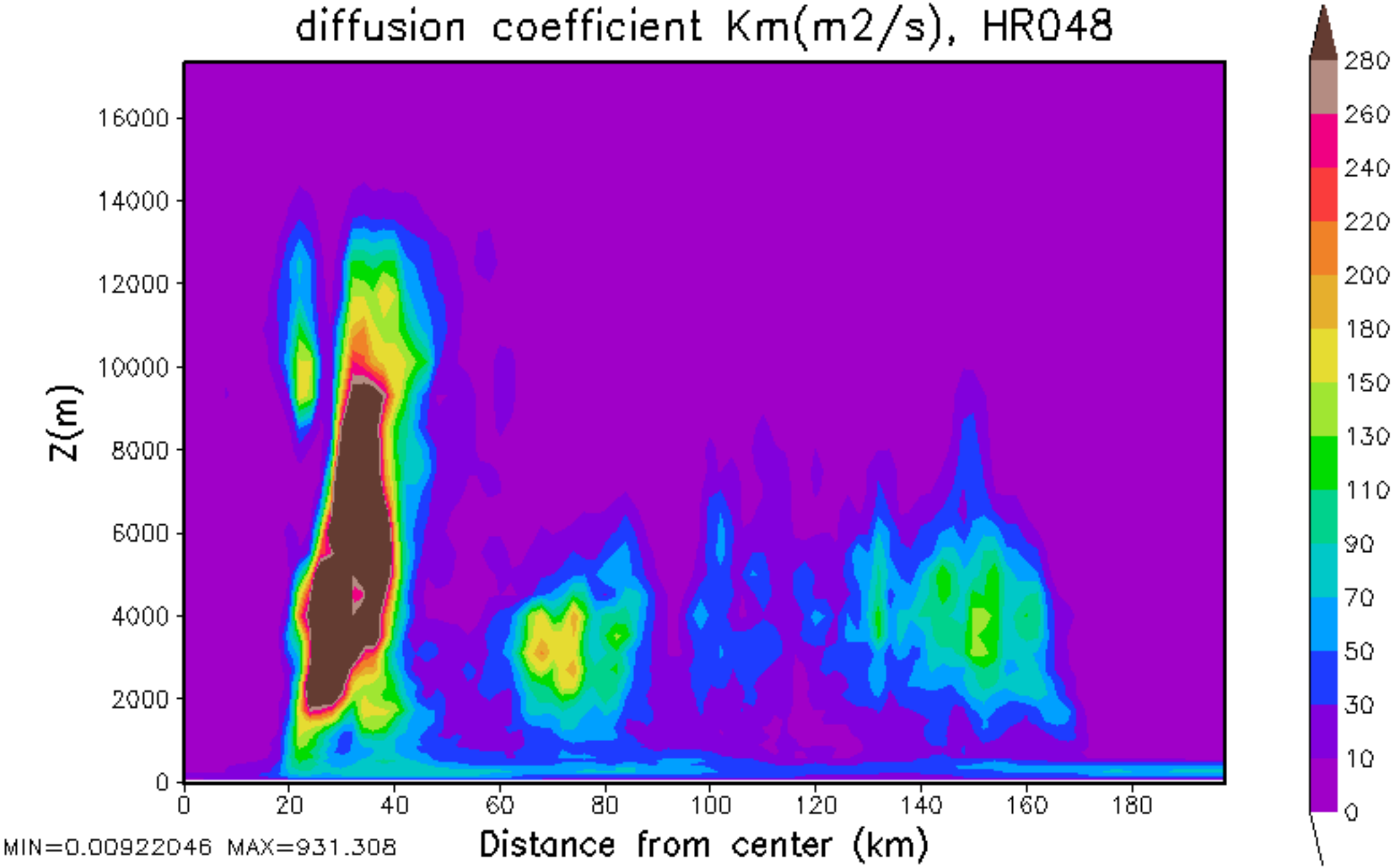
diffusion coefficient Km(m2/s), HR048
Z(m)
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12000
10000
8000
6000
4000
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80
100
120
140
160
180
Distance from center (km)
MIN=0.00922046 MAX=931.308
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260
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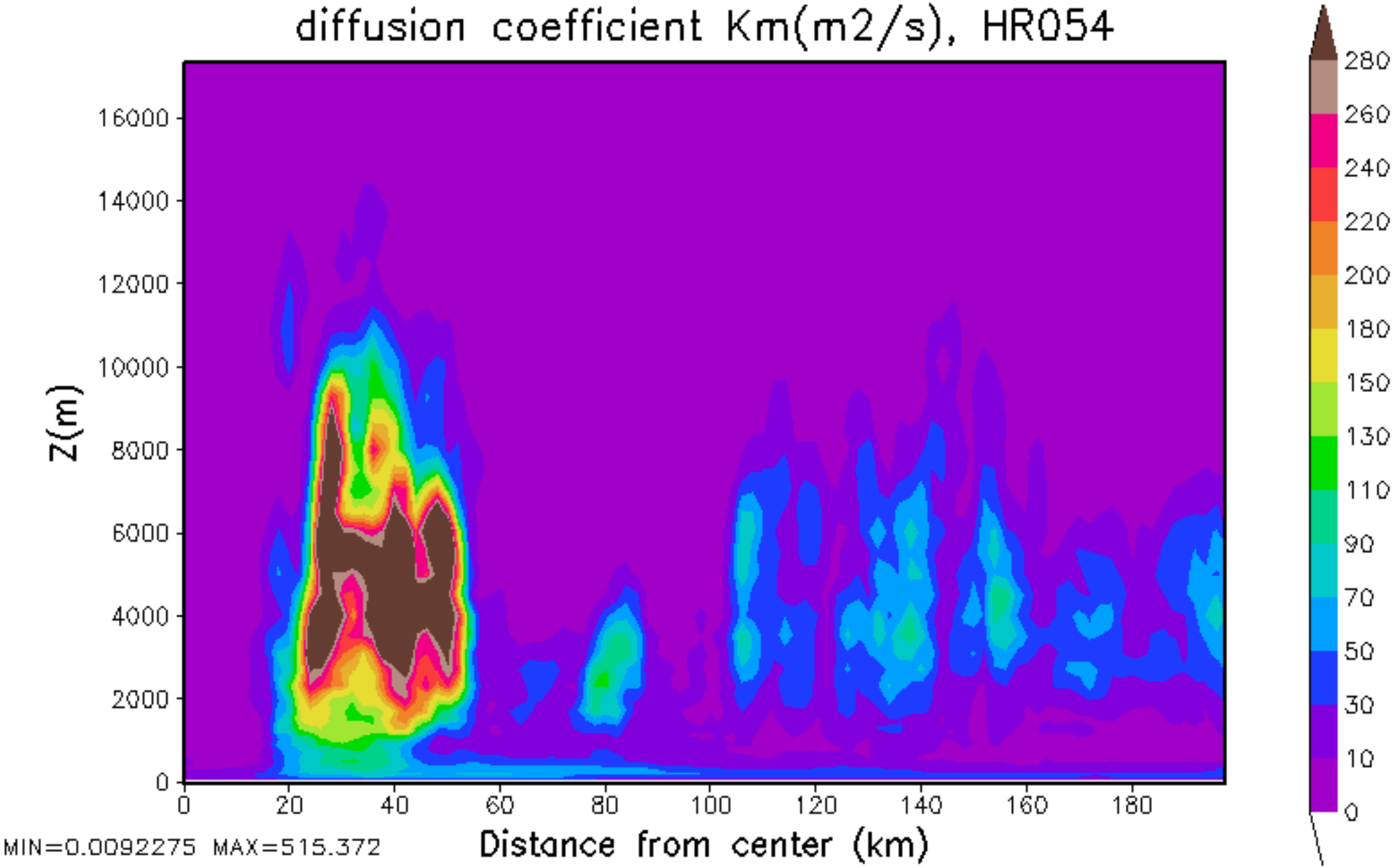
diffusion coefficient Km(m2/s), HR054
Z(m)
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12000
10000
8000
6000
4000
2000
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80
100
120
140
160
180
Distance from center (km)
MIN=0.0092275 MAX=515.372
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130
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50
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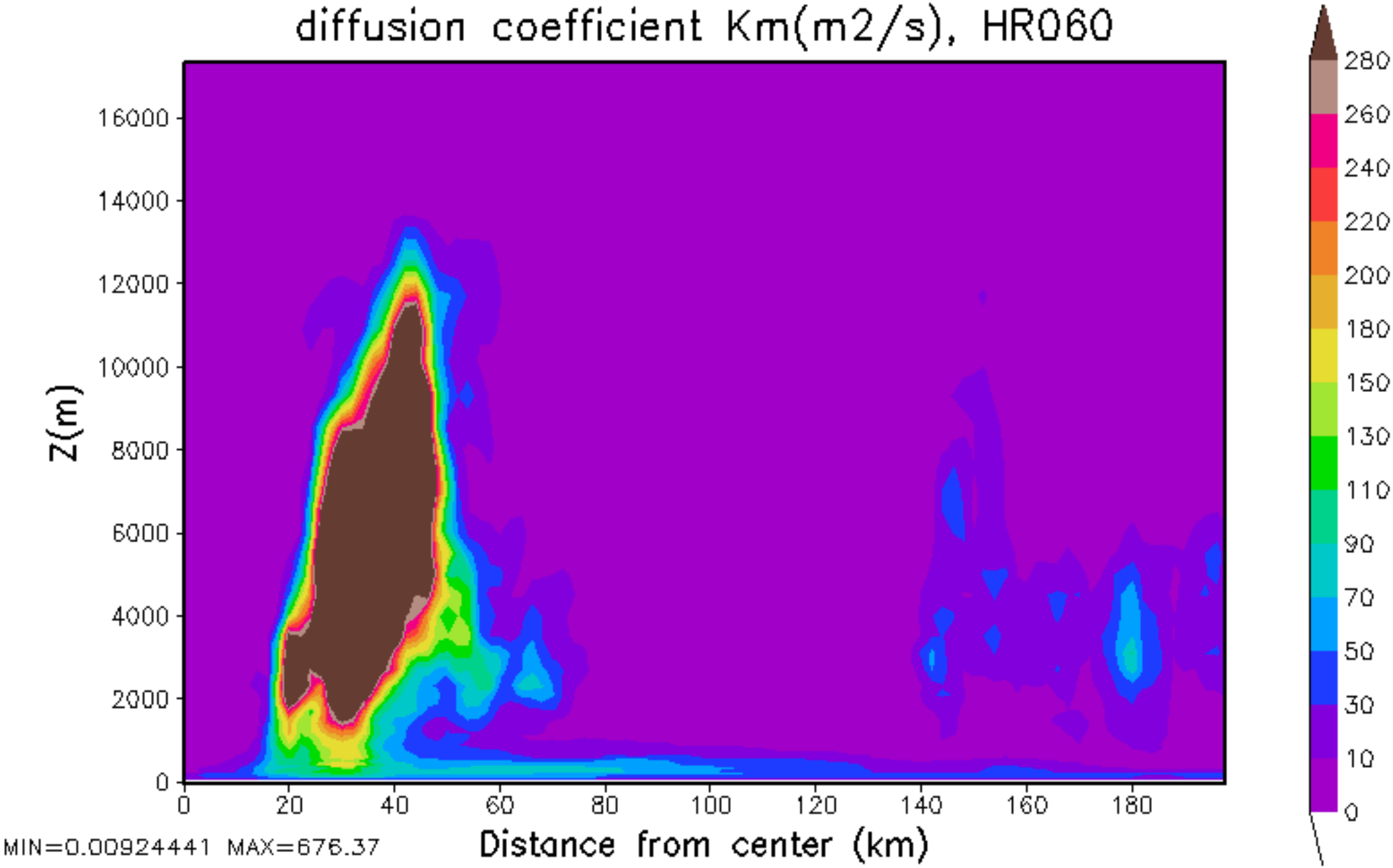
diffusion coefficient Km(m2/s), HR060
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924441 MAX=676.37
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260
240
220
200
180
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130
110
90
70
50
30
10
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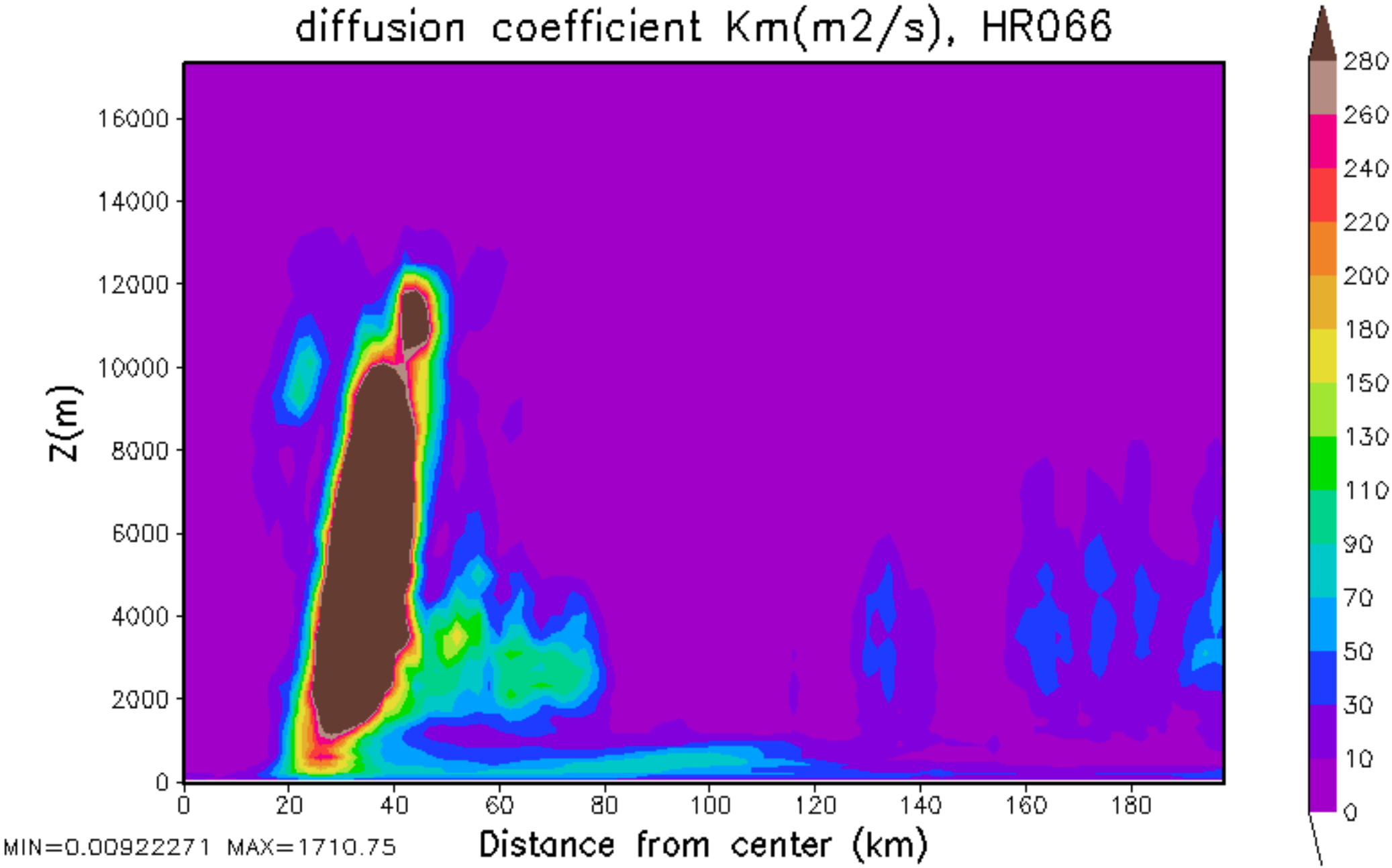
diffusion coefficient Km(m2/s), HR066
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922271 MAX=1710.75
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260
240
220
200
180
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130
110
90
70
50
30
10
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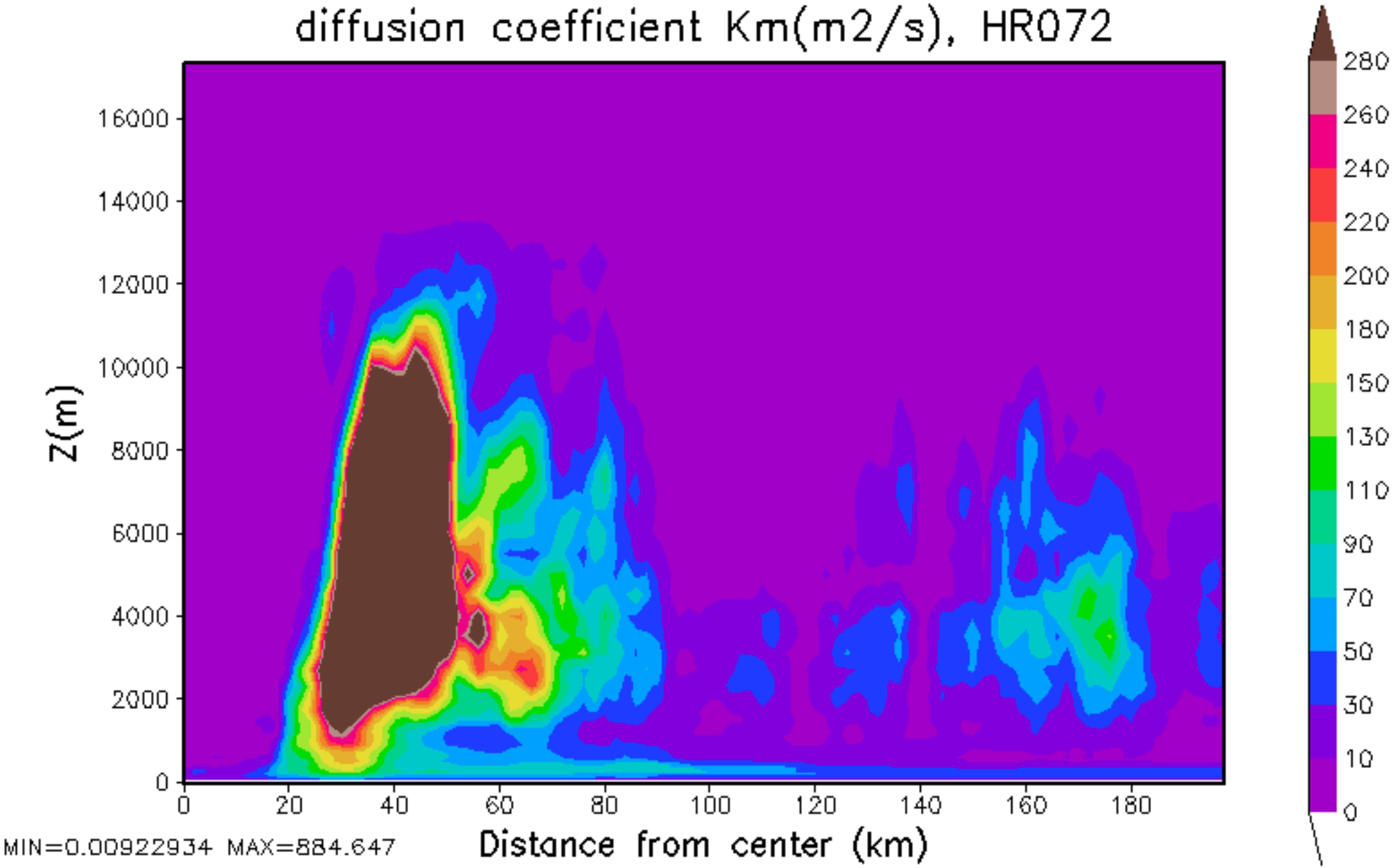
diffusion coefficient Km(m2/s), HR072
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922934 MAX=884.647
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260
240
220
200
180
150
130
110
90
70
50
30
10
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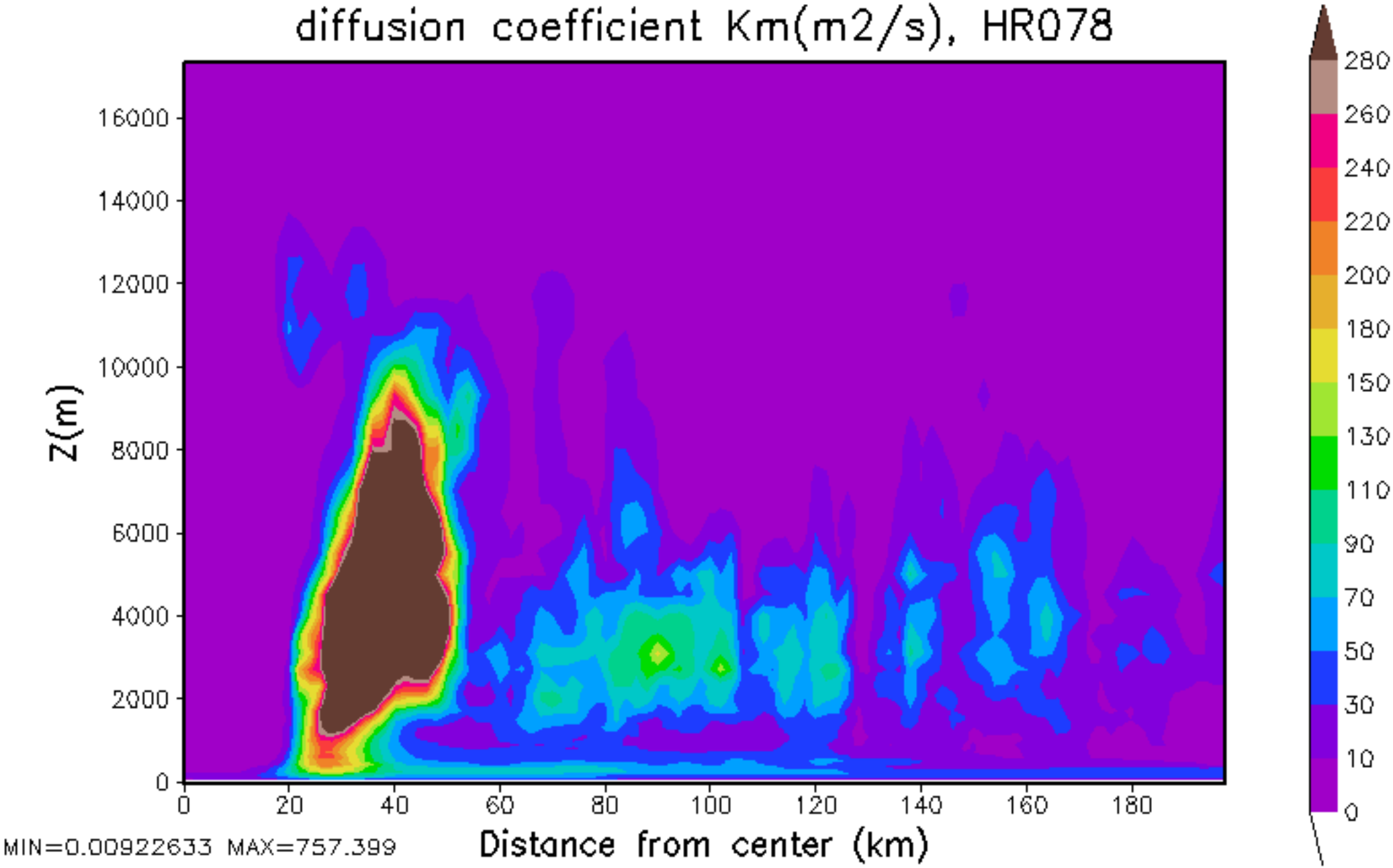
diffusion coefficient Km(m2/s), HR078
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922633 MAX=757.399
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260
240
220
200
180
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130
110
90
70
50
30
10
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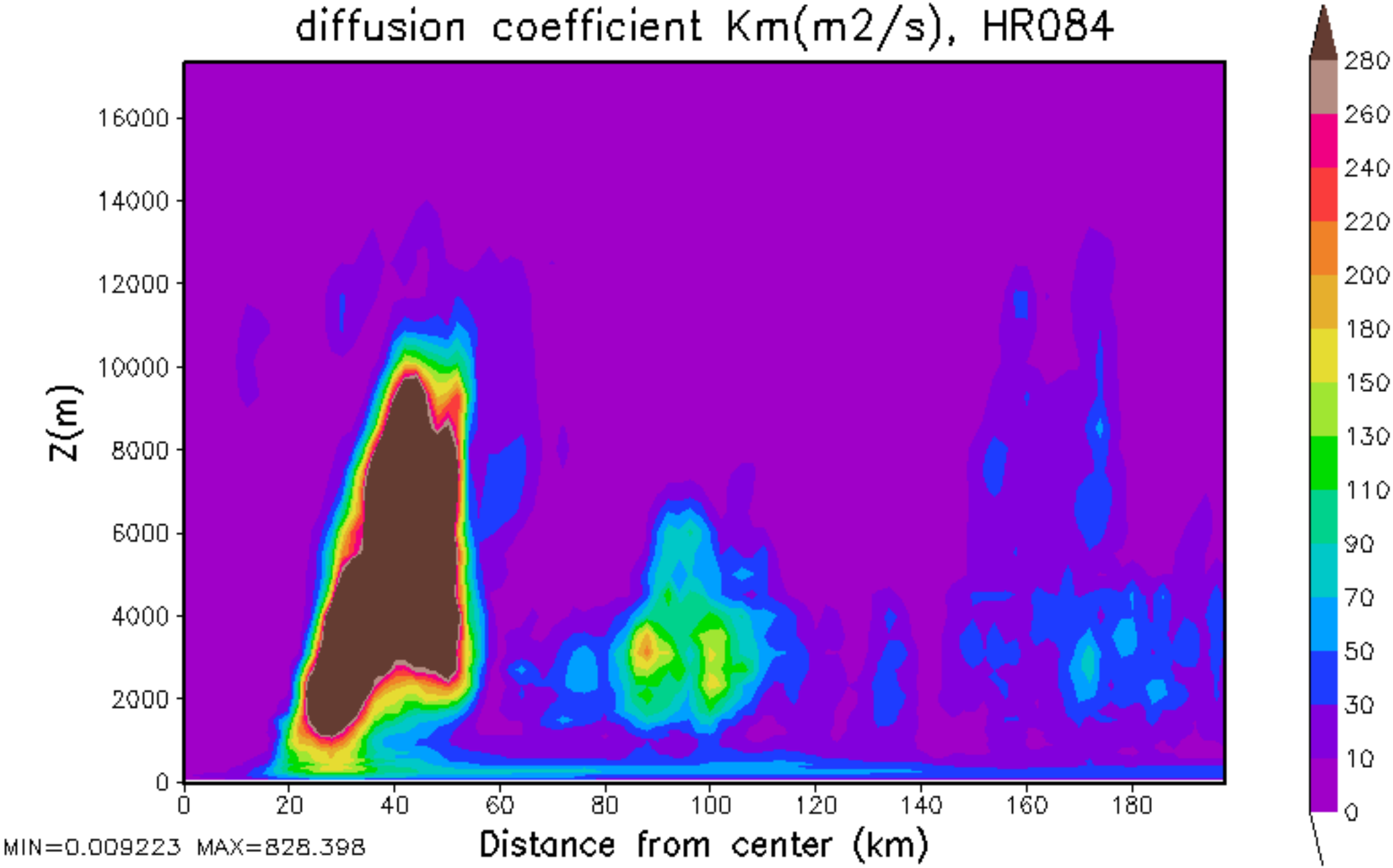
diffusion coefficient Km(m2/s), HR084
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.009223 MAX=828.398
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260
240
220
200
180
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130
110
90
70
50
30
10
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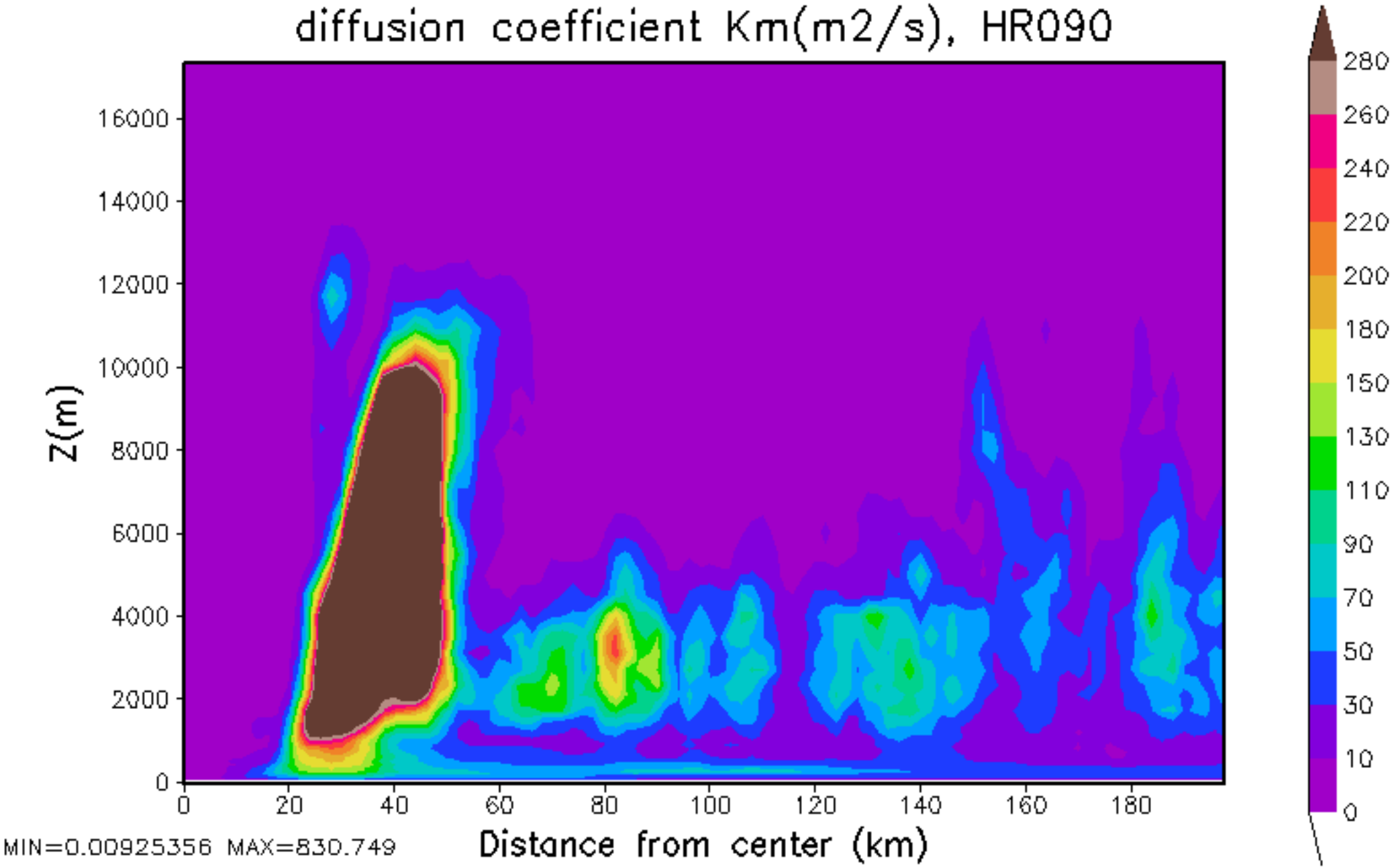
diffusion coefficient Km(m2/s), HR090
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00925356 MAX=830.749
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260
240
220
200
180
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130
110
90
70
50
30
10
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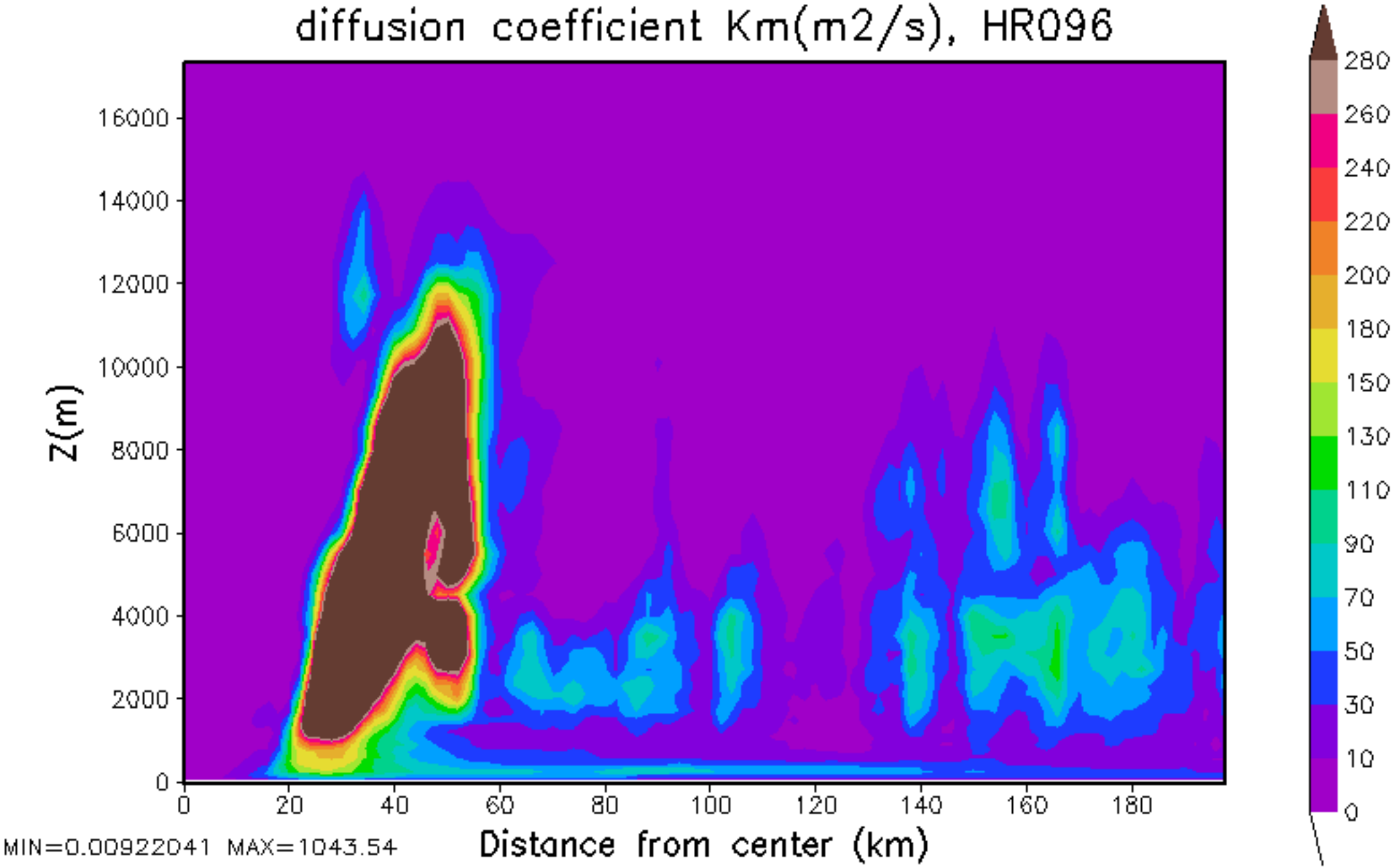
diffusion coefficient Km(m2/s), HR096
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922041 MAX=1043.54
280
260
240
220
200
180
150
130
110
90
70
50
30
10
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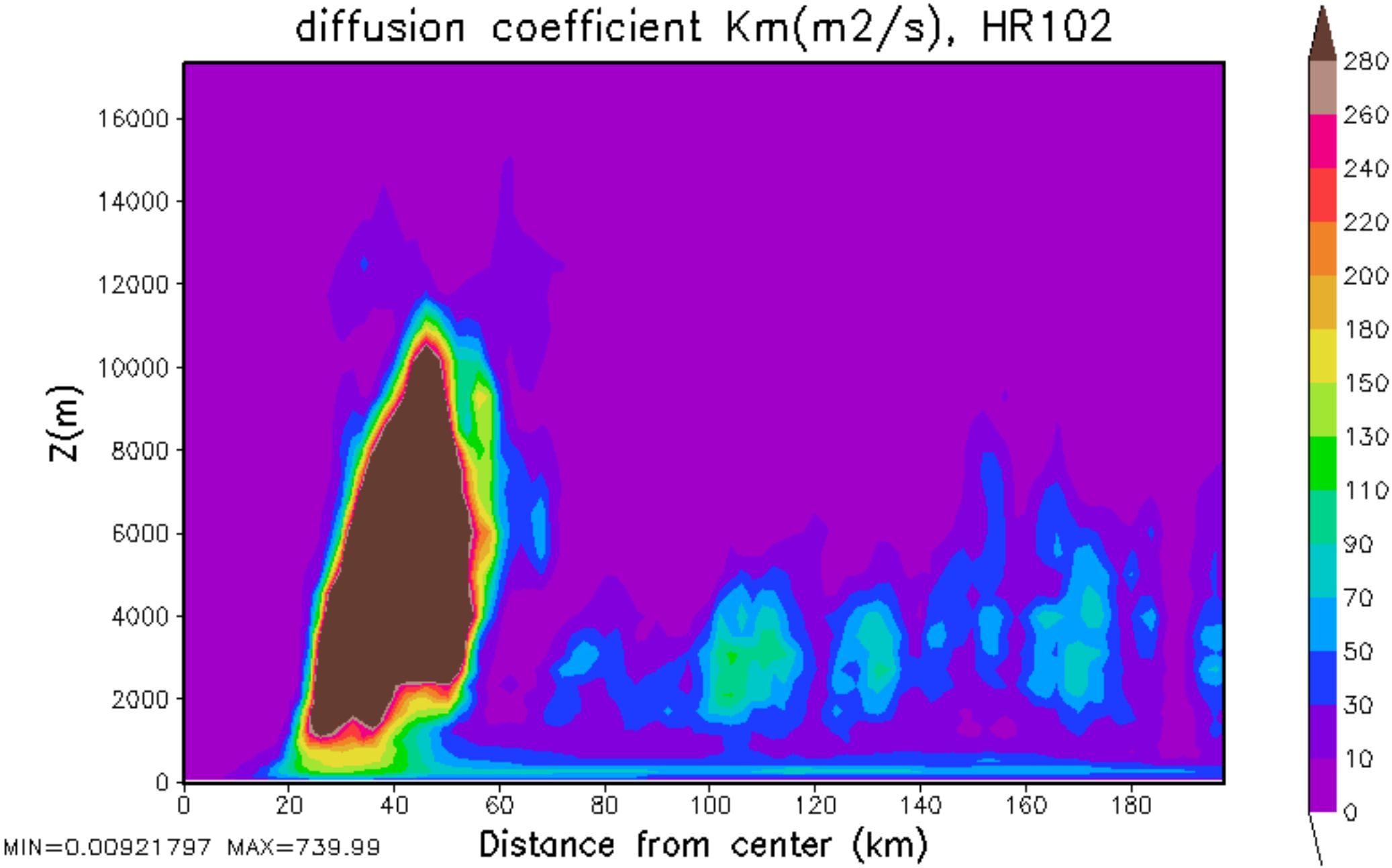
diffusion coefficient Km(m2/s), HR102
Z(m)
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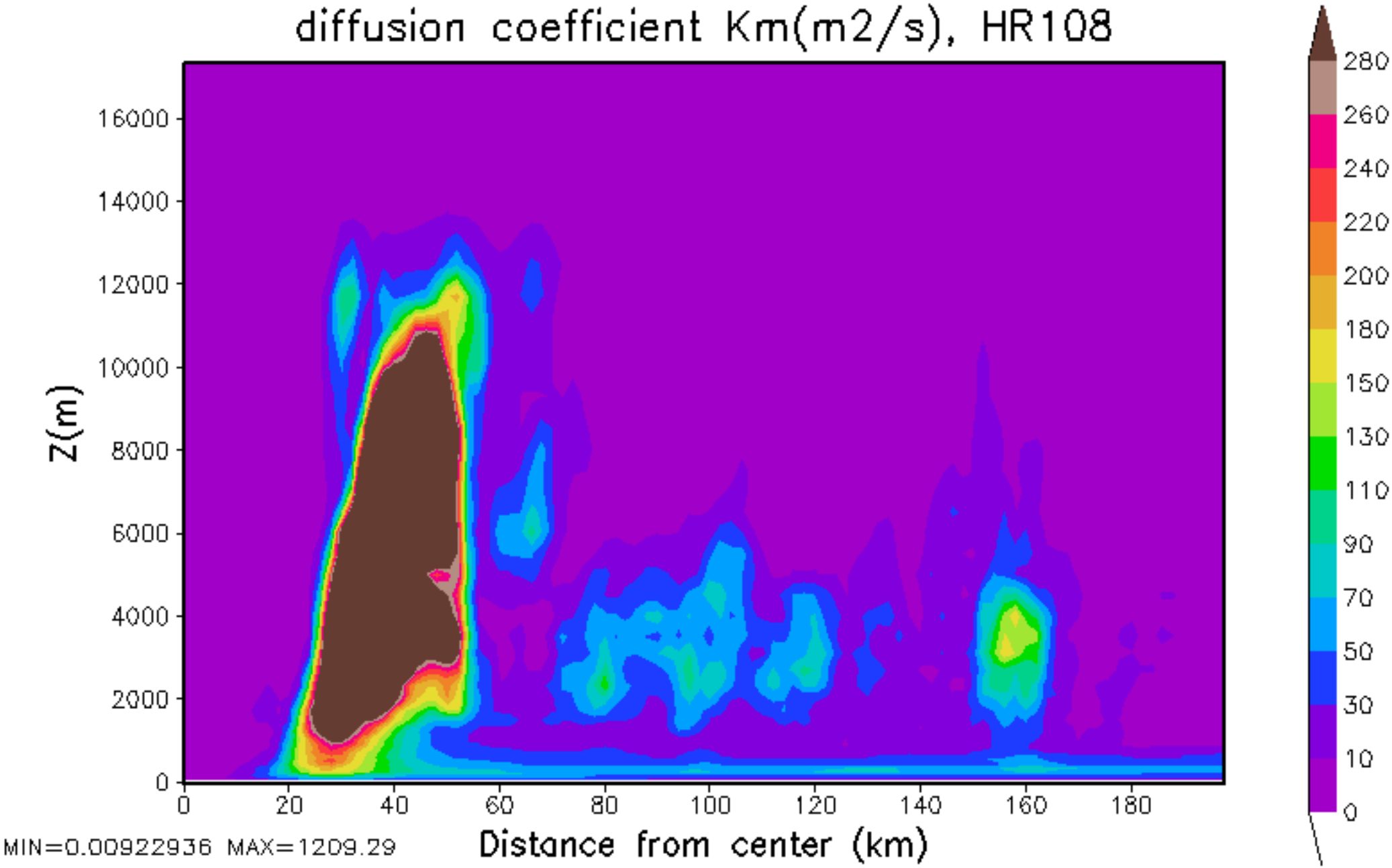
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00921797 MAX=739.99
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


diffusion coefficient Km(m2/s), HR108
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922936 MAX=1209.29
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260
240
220
200
180
150
130
110
90
70
50
30
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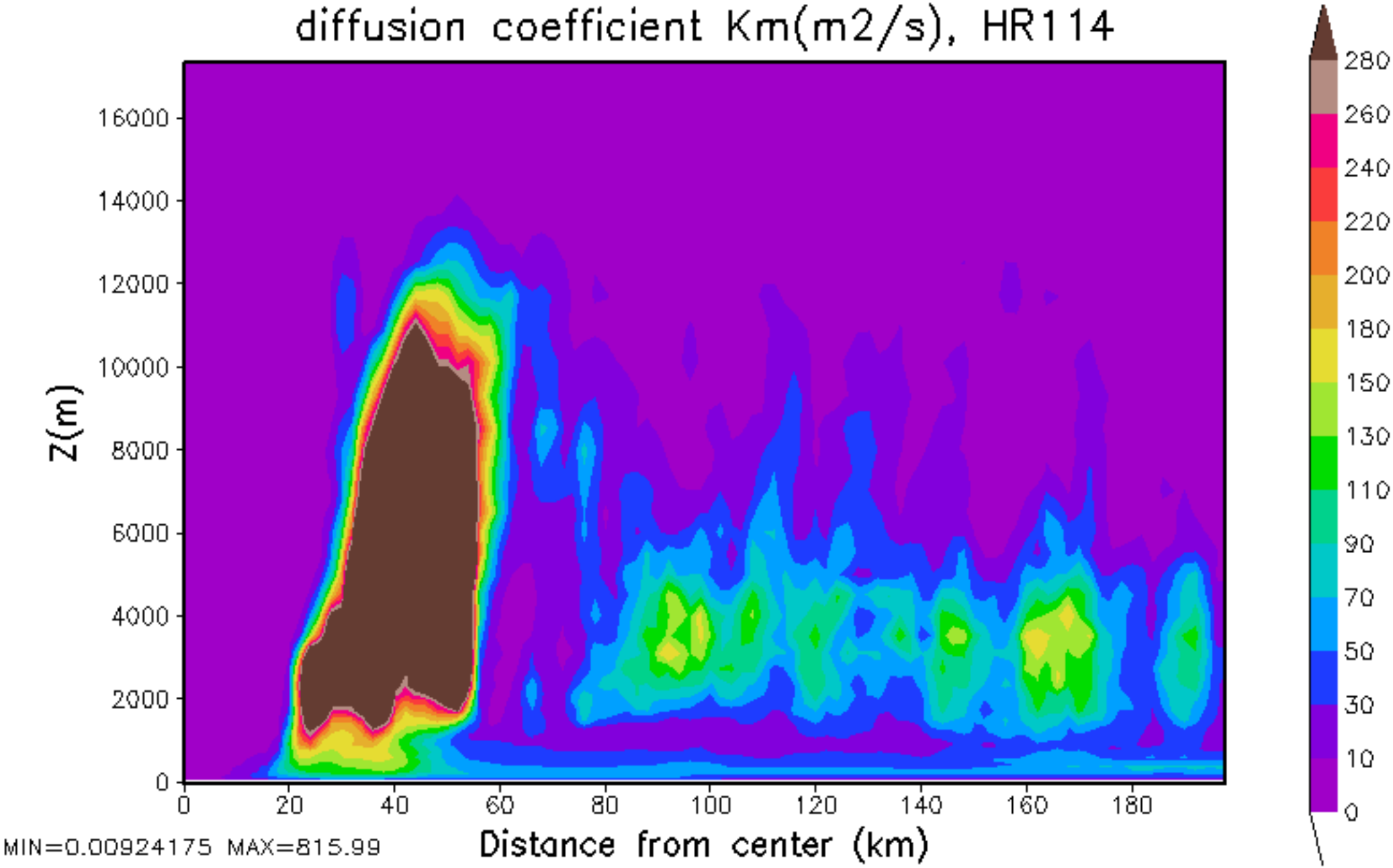
diffusion coefficient Km(m2/s), HR114
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924175 MAX=815.99
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260
240
220
200
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130
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50
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10
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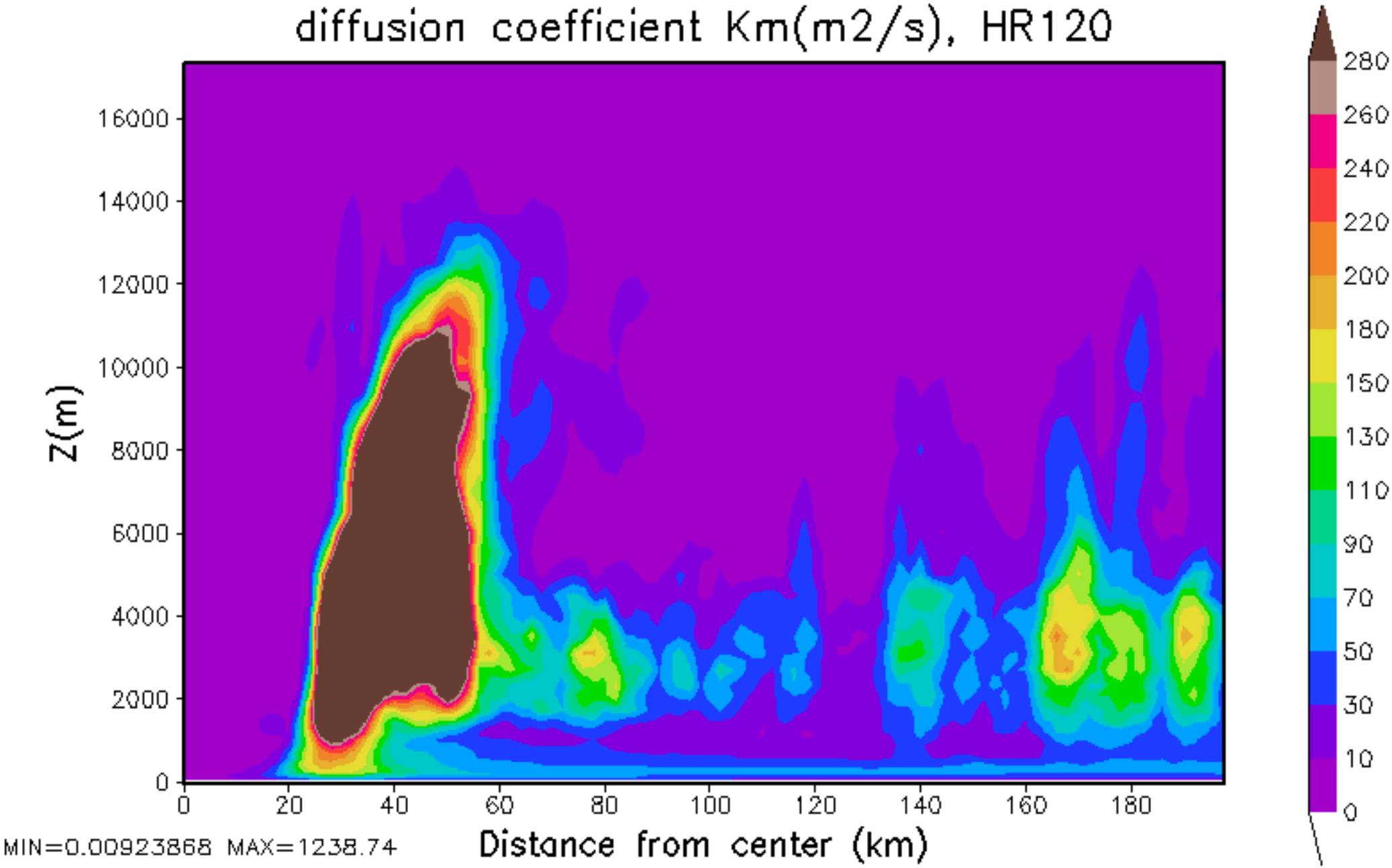
diffusion coefficient Km(m2/s), HR120
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00923868 MAX=1238.74
280
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220
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50
30
10
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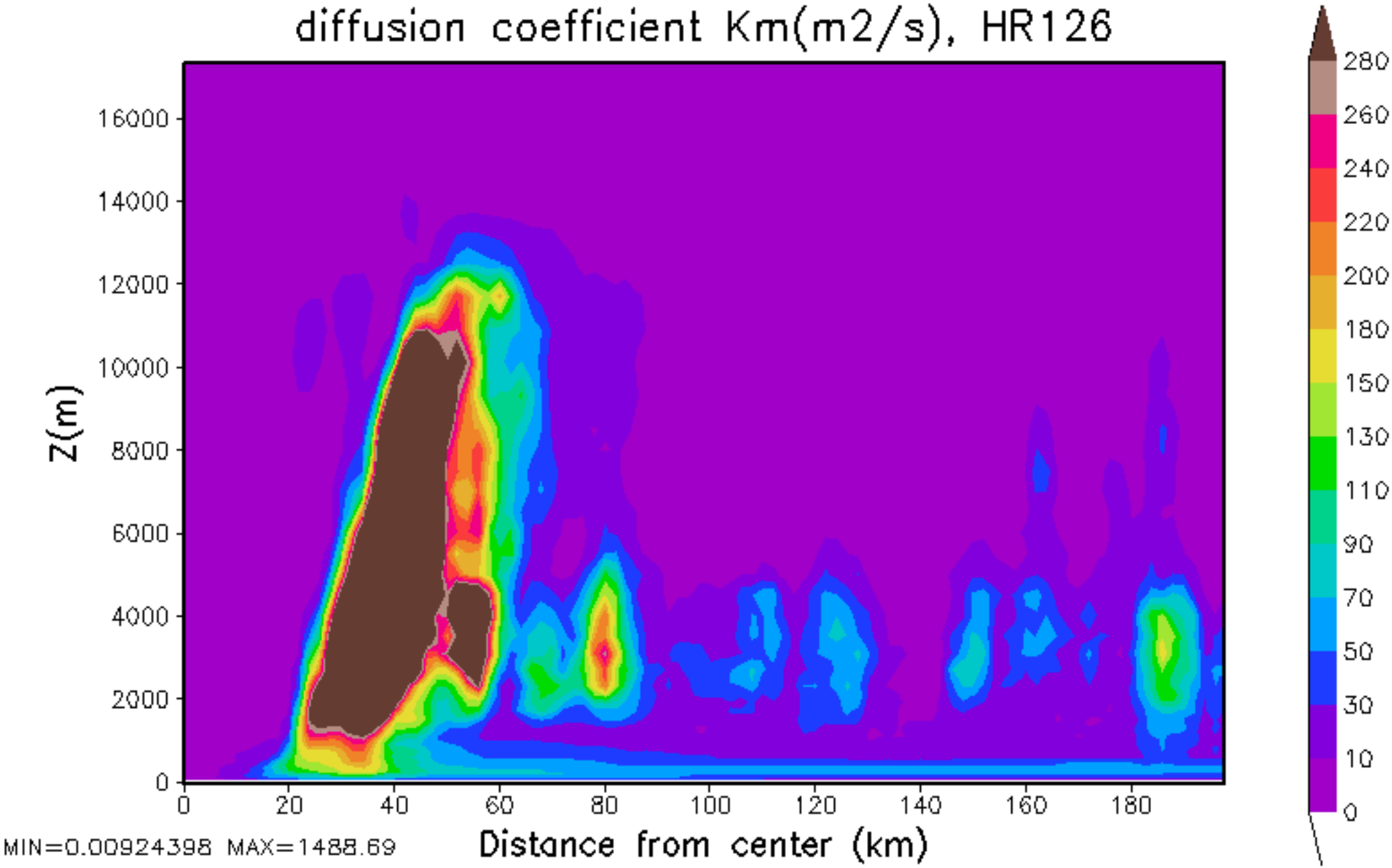
diffusion coefficient Km(m2/s), HR126
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924398 MAX=1488.69
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260
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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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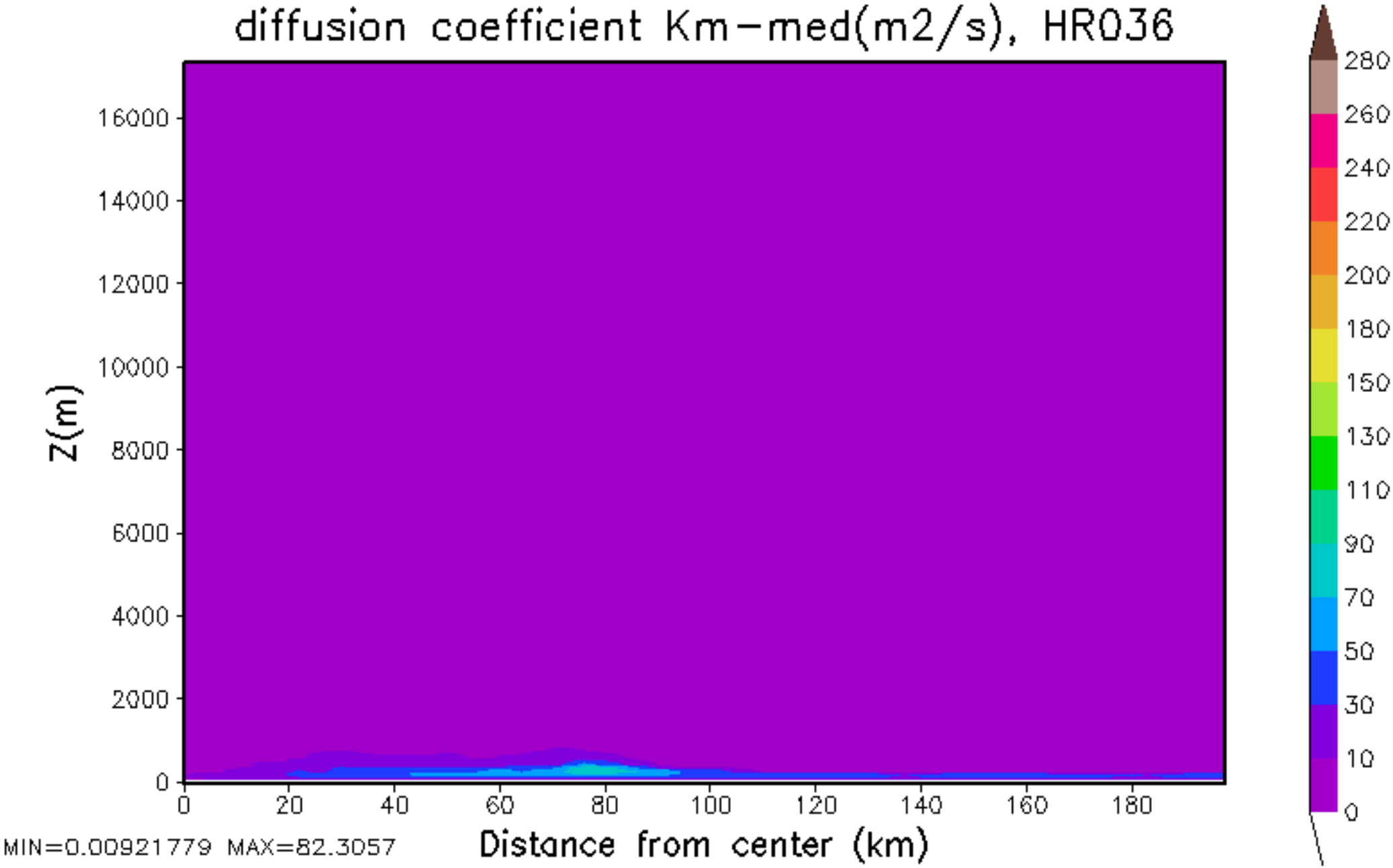
diffusion coefficient Km-med(m2/s), HR036
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00921779 MAX=82.3057
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260
240
220
200
180
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130
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90
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50
30
10
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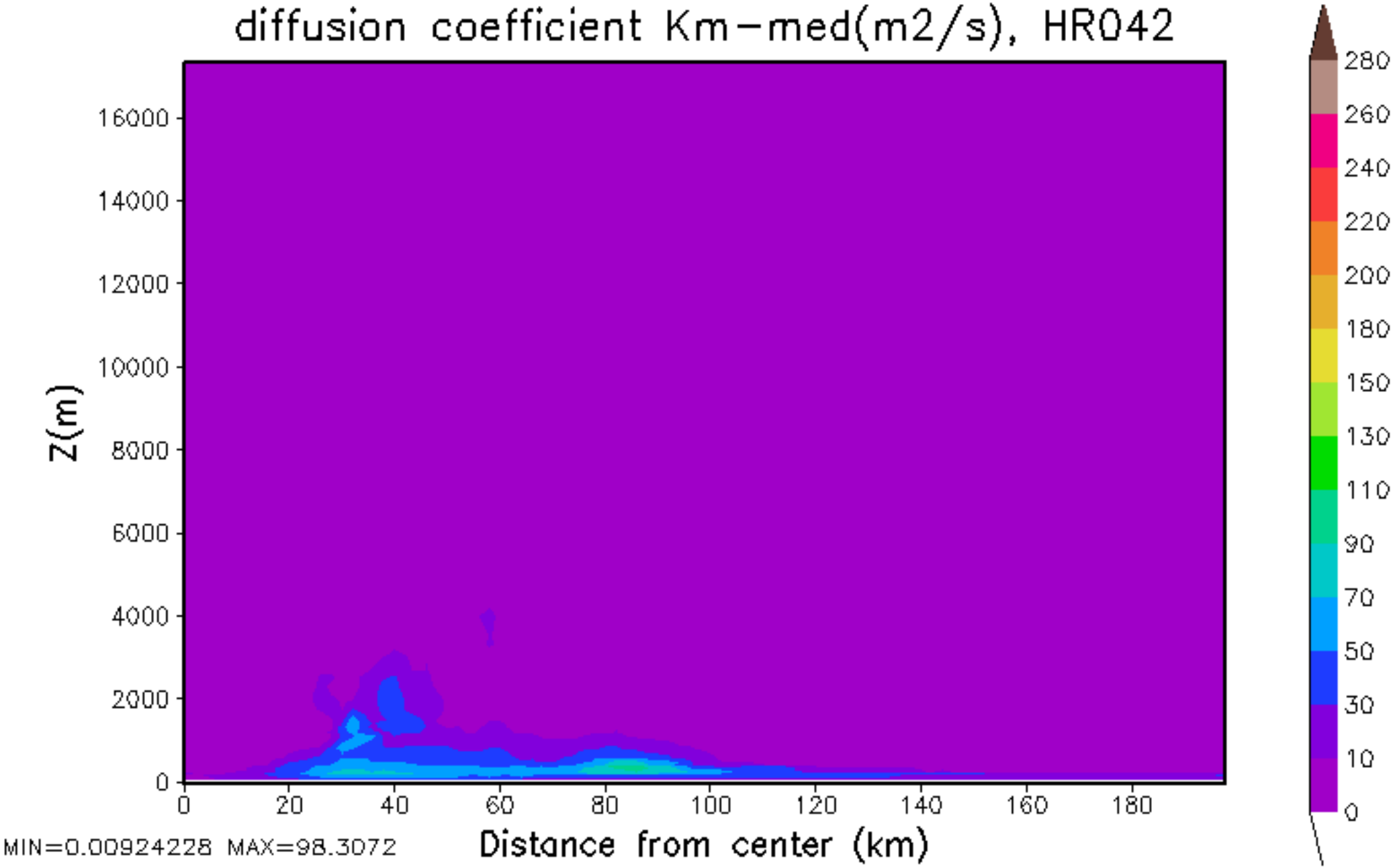
diffusion coefficient Km-med(m2/s), HR042
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924228 MAX=98.3072
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260
240
220
200
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130
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90
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50
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10
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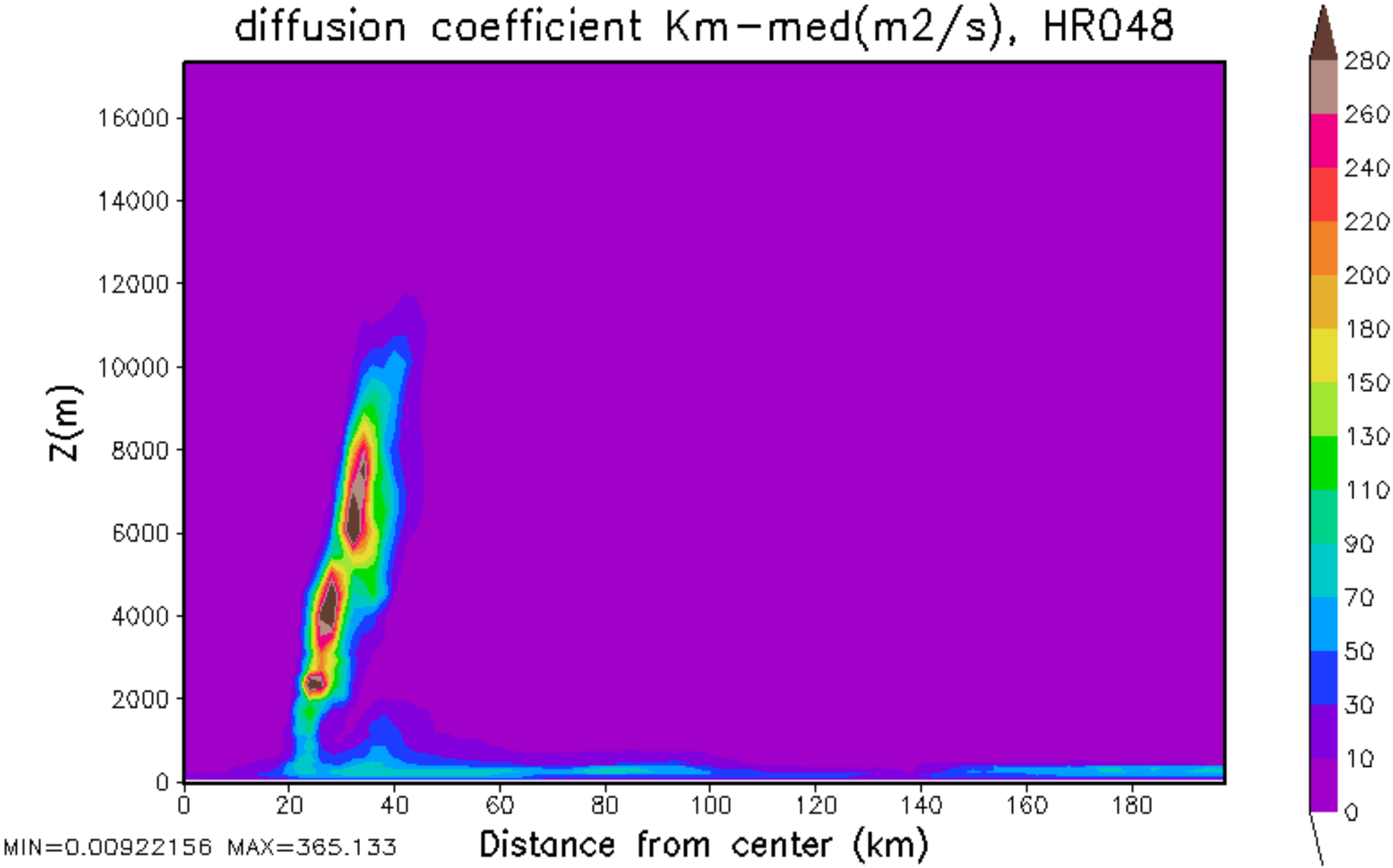
diffusion coefficient Km-med(m2/s), HR048
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922156 MAX=365.133
280
260
240
220
200
180
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130
110
90
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50
30
10
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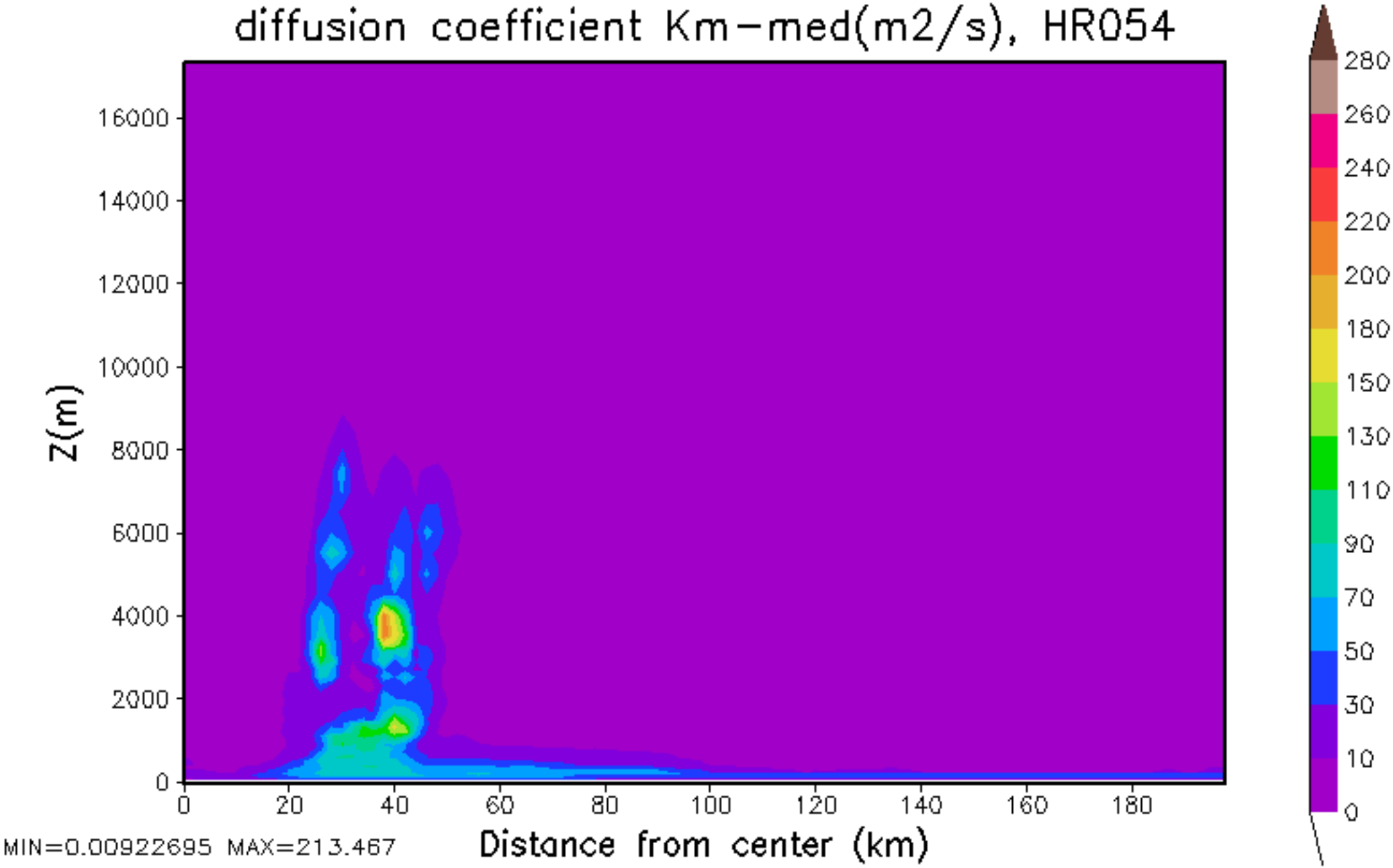
diffusion coefficient Km-med(m2/s), HR054
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922695 MAX=213.467
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220
200
180
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130
110
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50
30
10
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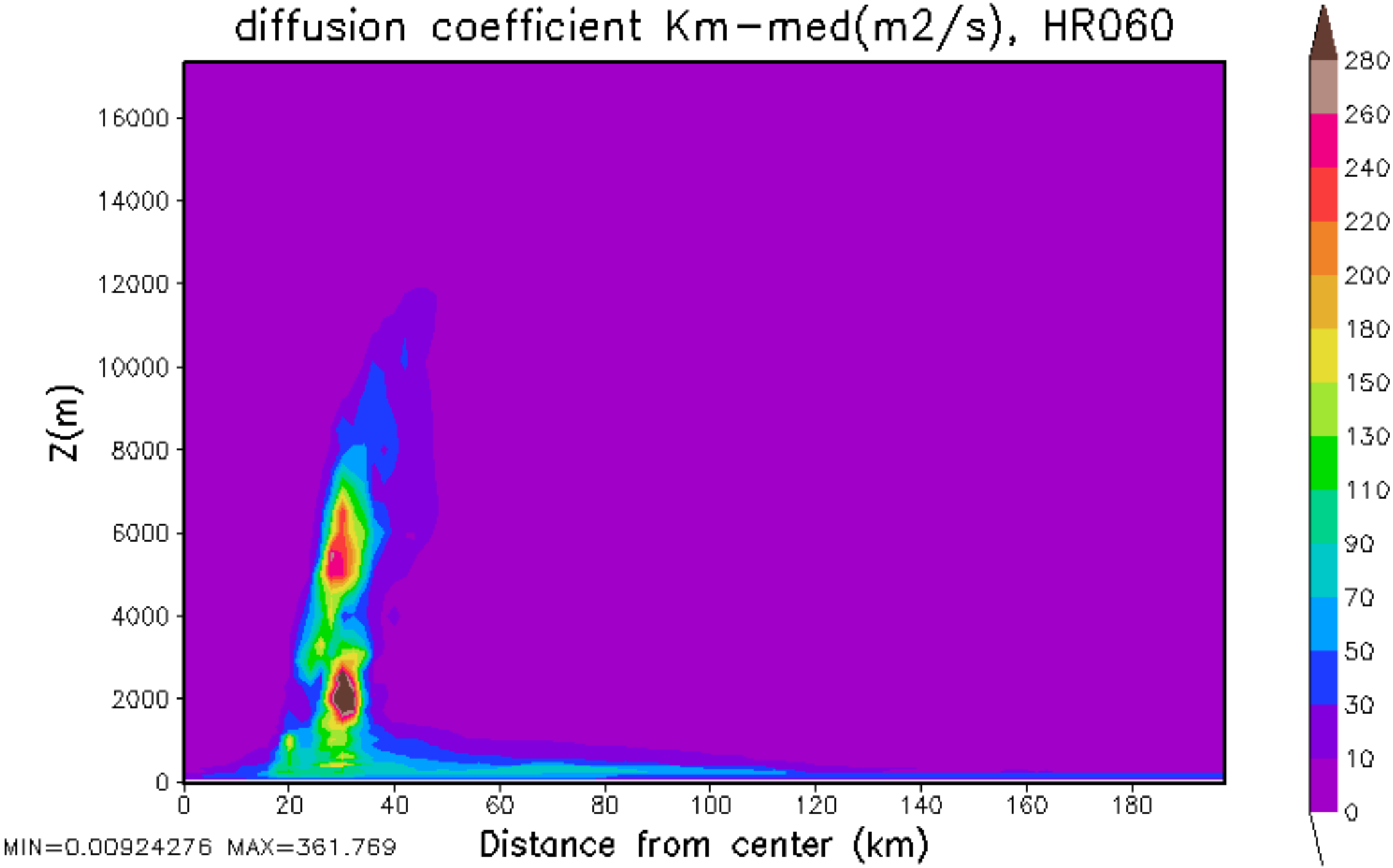
diffusion coefficient Km-med(m2/s), HR060
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924276 MAX=361.769
280
260
240
220
200
180
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130
110
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50
30
10
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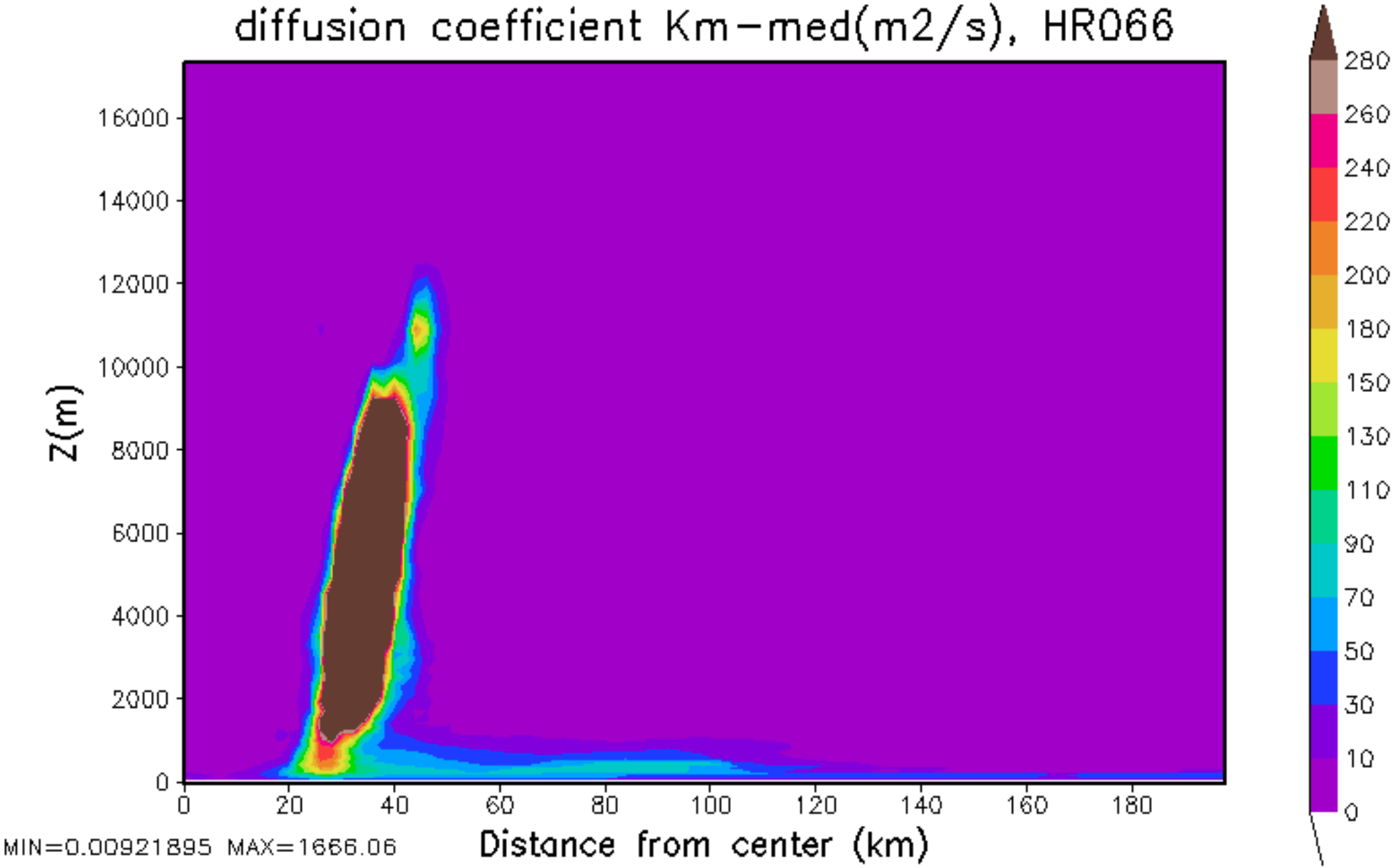
diffusion coefficient Km-med(m2/s), HR066
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00921895 MAX=1666.06
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240
220
200
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130
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10
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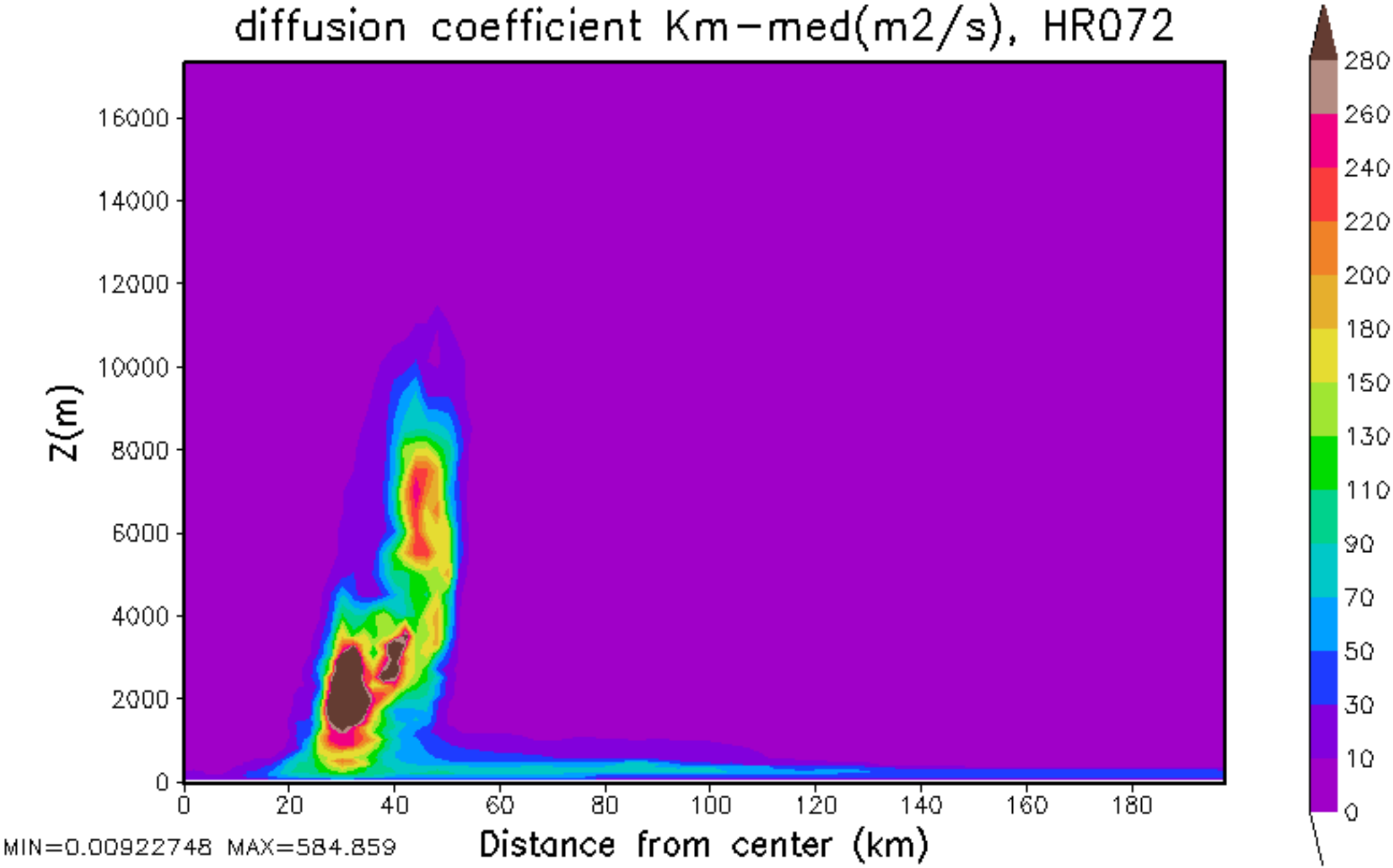
diffusion coefficient Km-med(m2/s), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922748 MAX=584.859
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240
220
200
180
150
130
110
90
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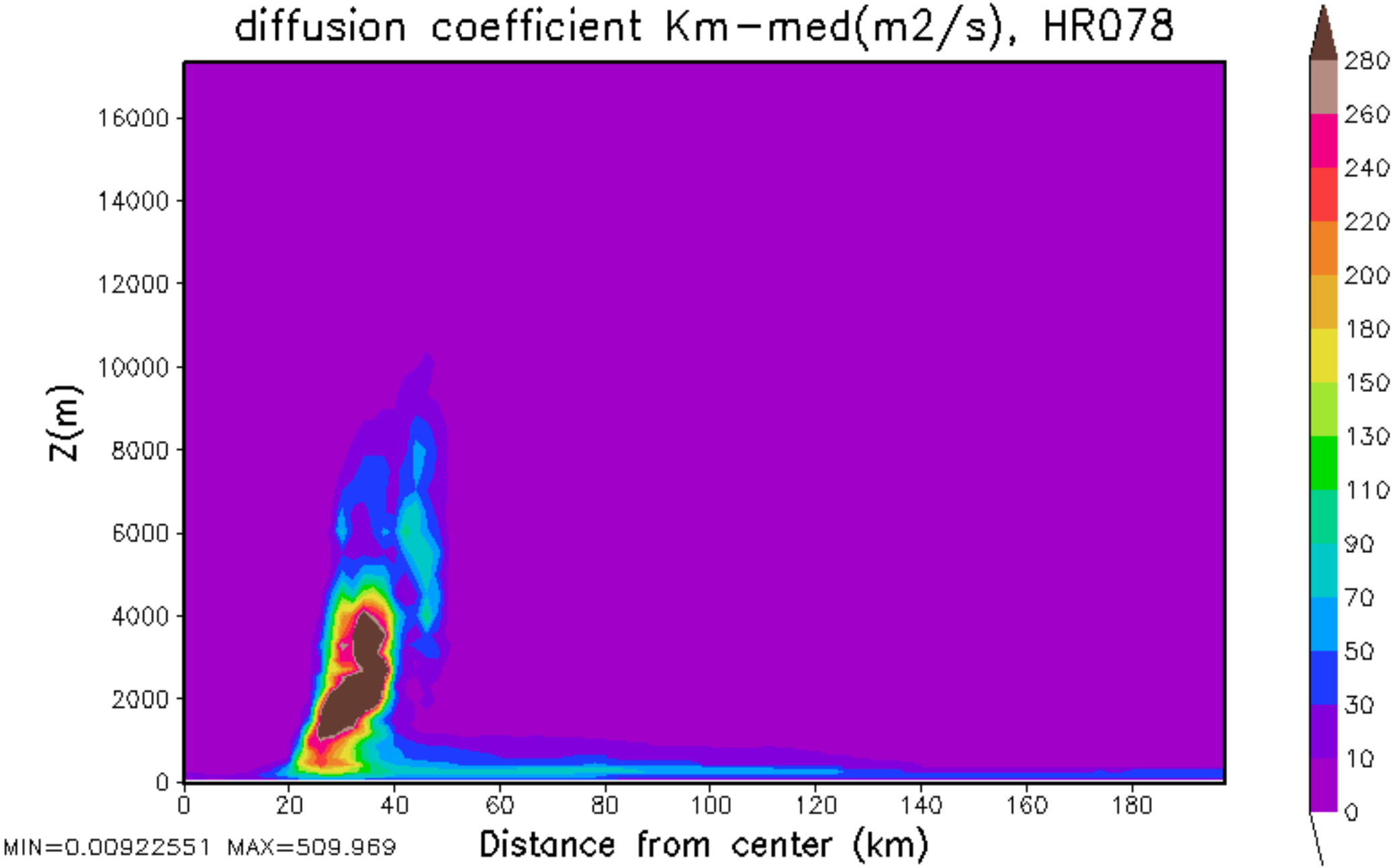
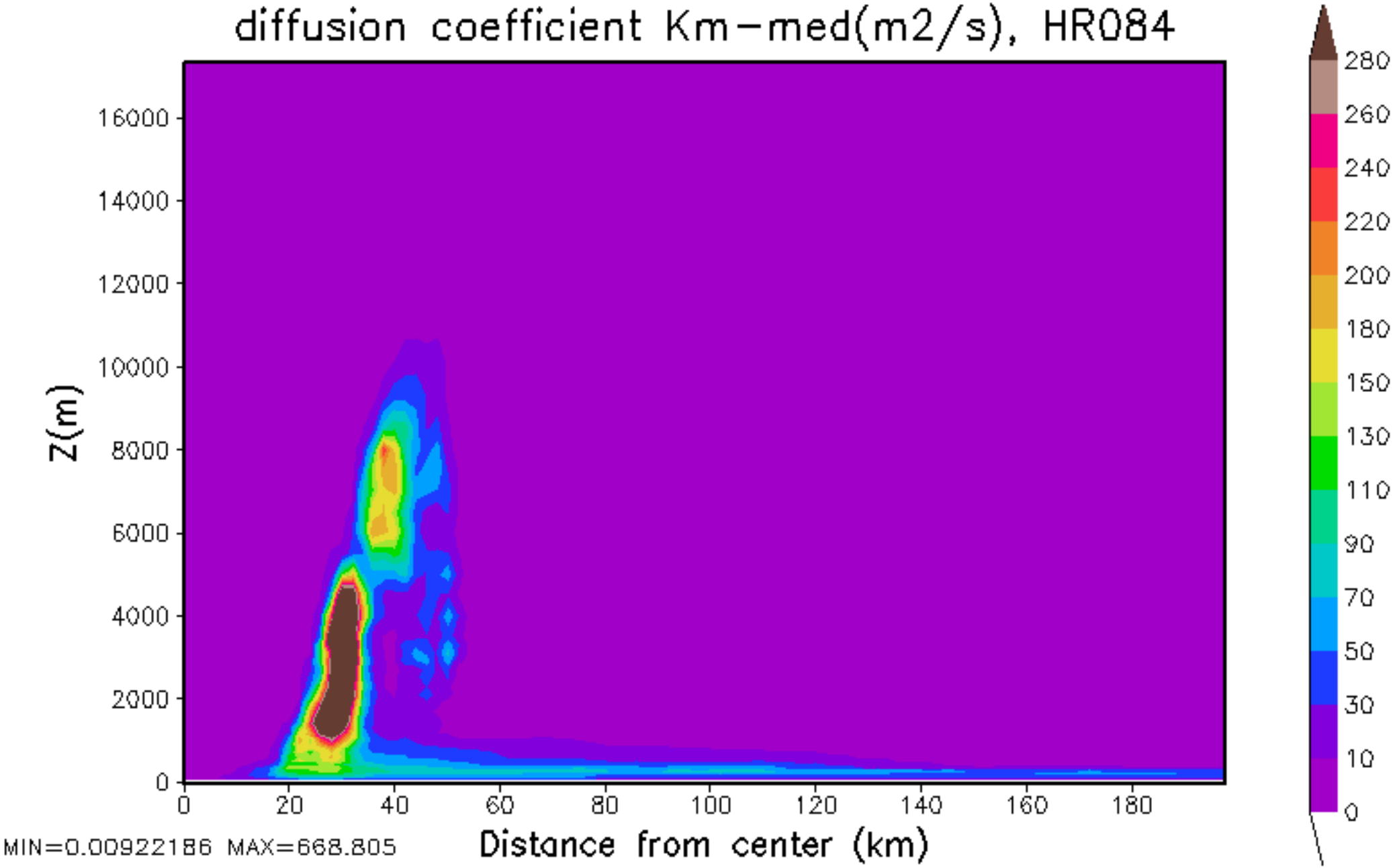
50
30
10
0


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=0.00922551 MAX=509.969
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
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40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00922186 MAX=668.805
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240
220
200
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110
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70
50
30
10
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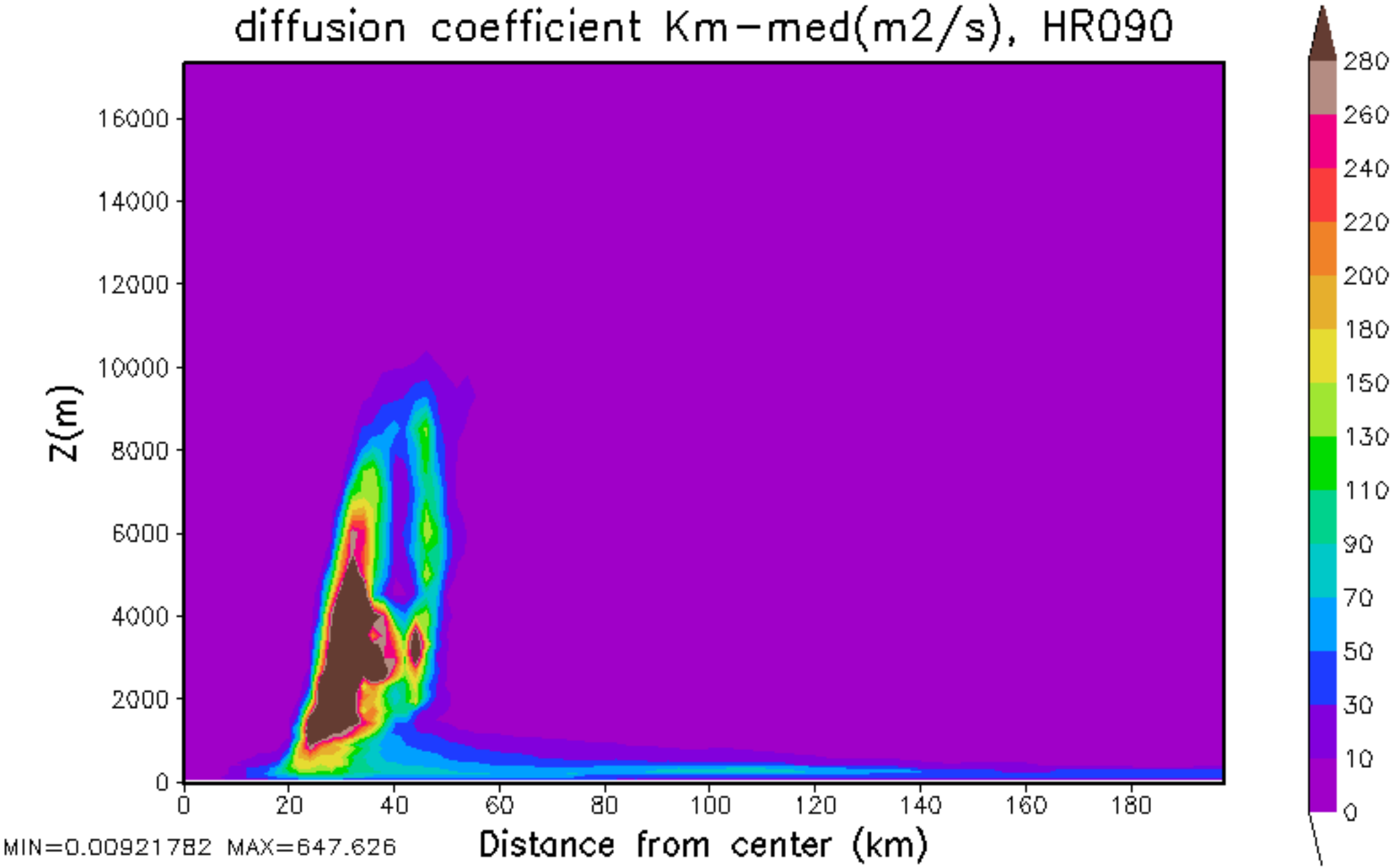
diffusion coefficient Km-med(m2/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00921782 MAX=647.626
280
260
240
220
200
180
150
130
110
90
70
50
30
10
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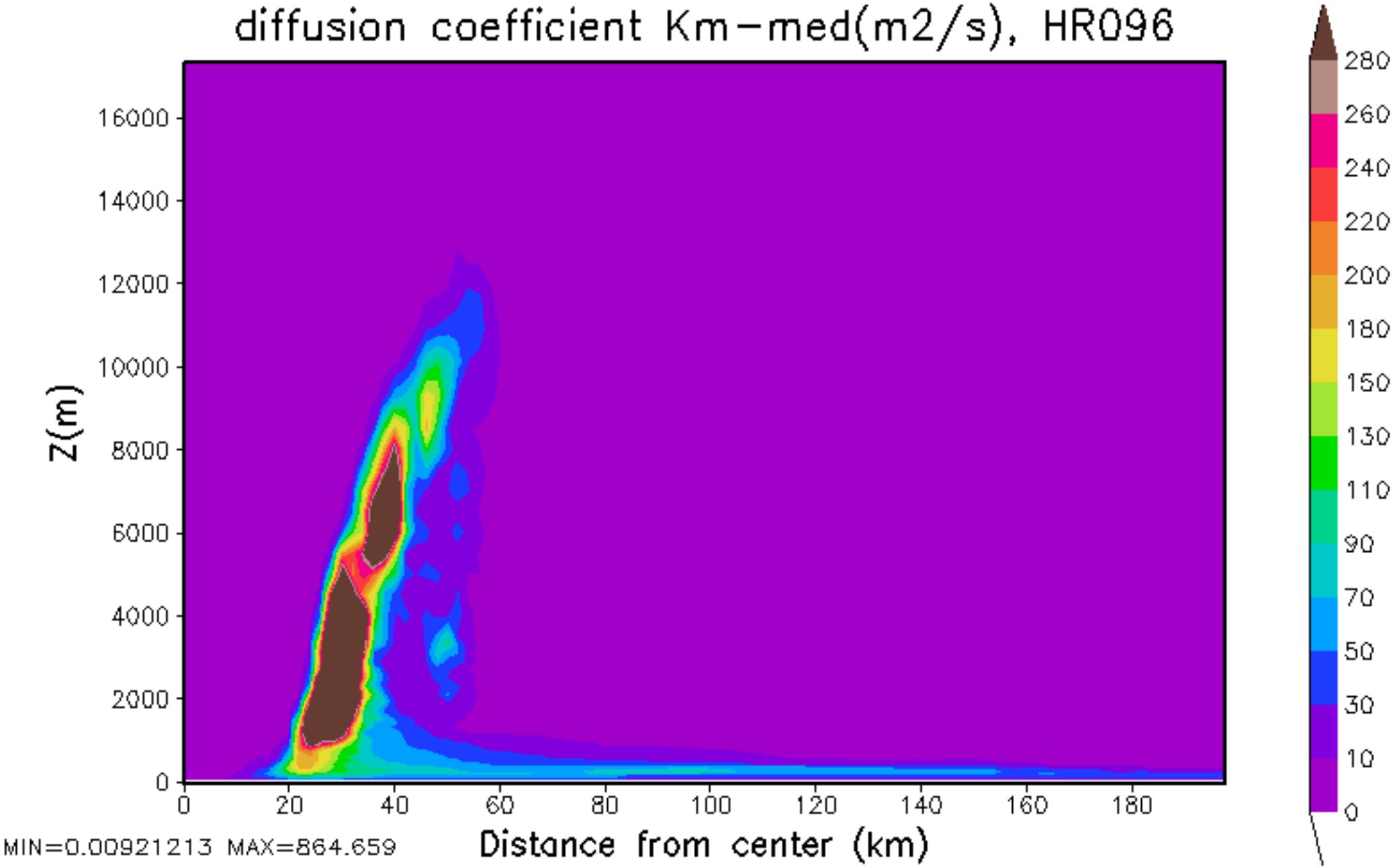
diffusion coefficient Km-med(m2/s), HR096
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00921213 MAX=864.659
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260
240
220
200
180
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130
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90
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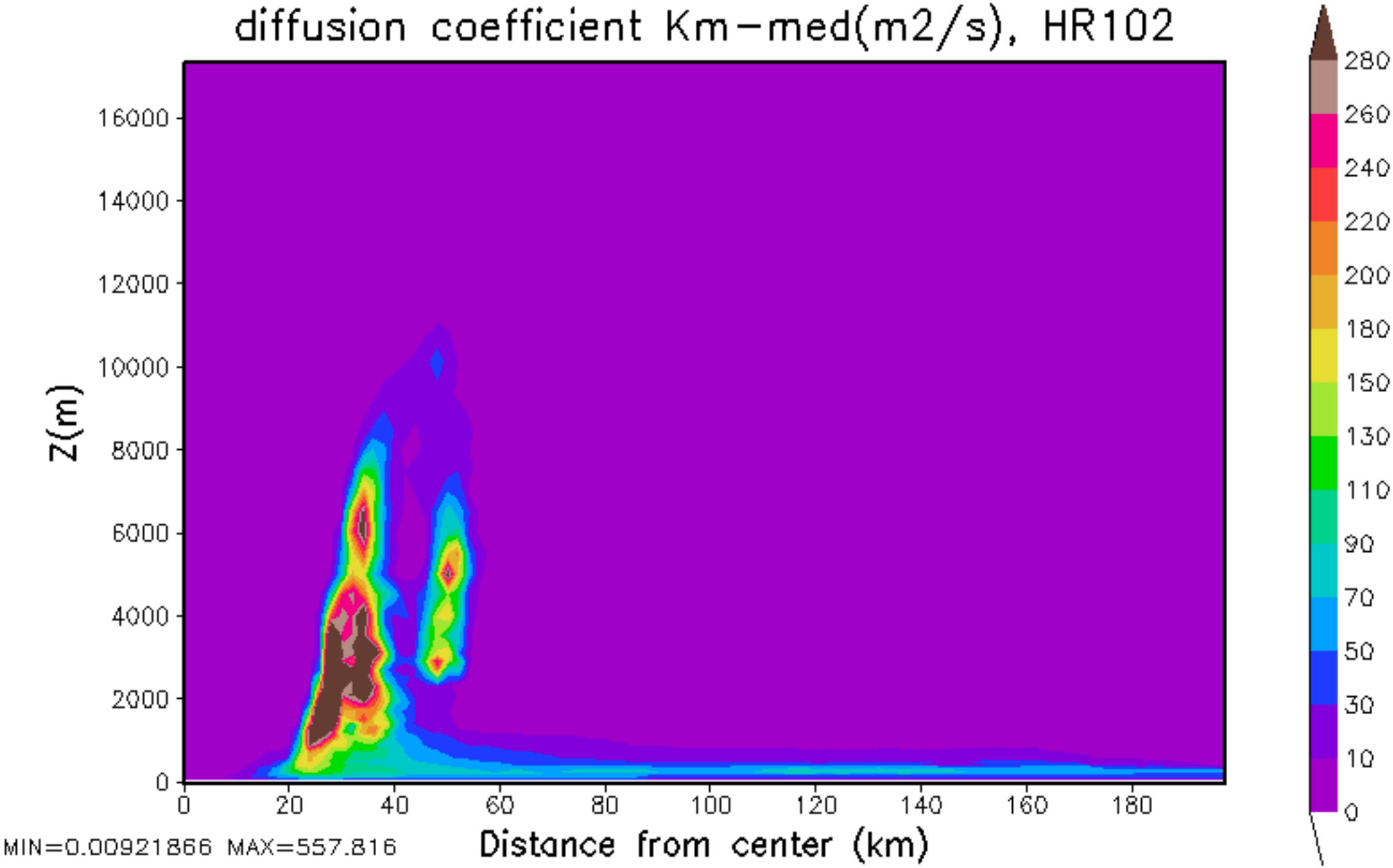
50
30
10
0


diffusion coefficient Km-med(m2/s), HR102
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=0.00921866 MAX=557.816
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260
240
220
200
180
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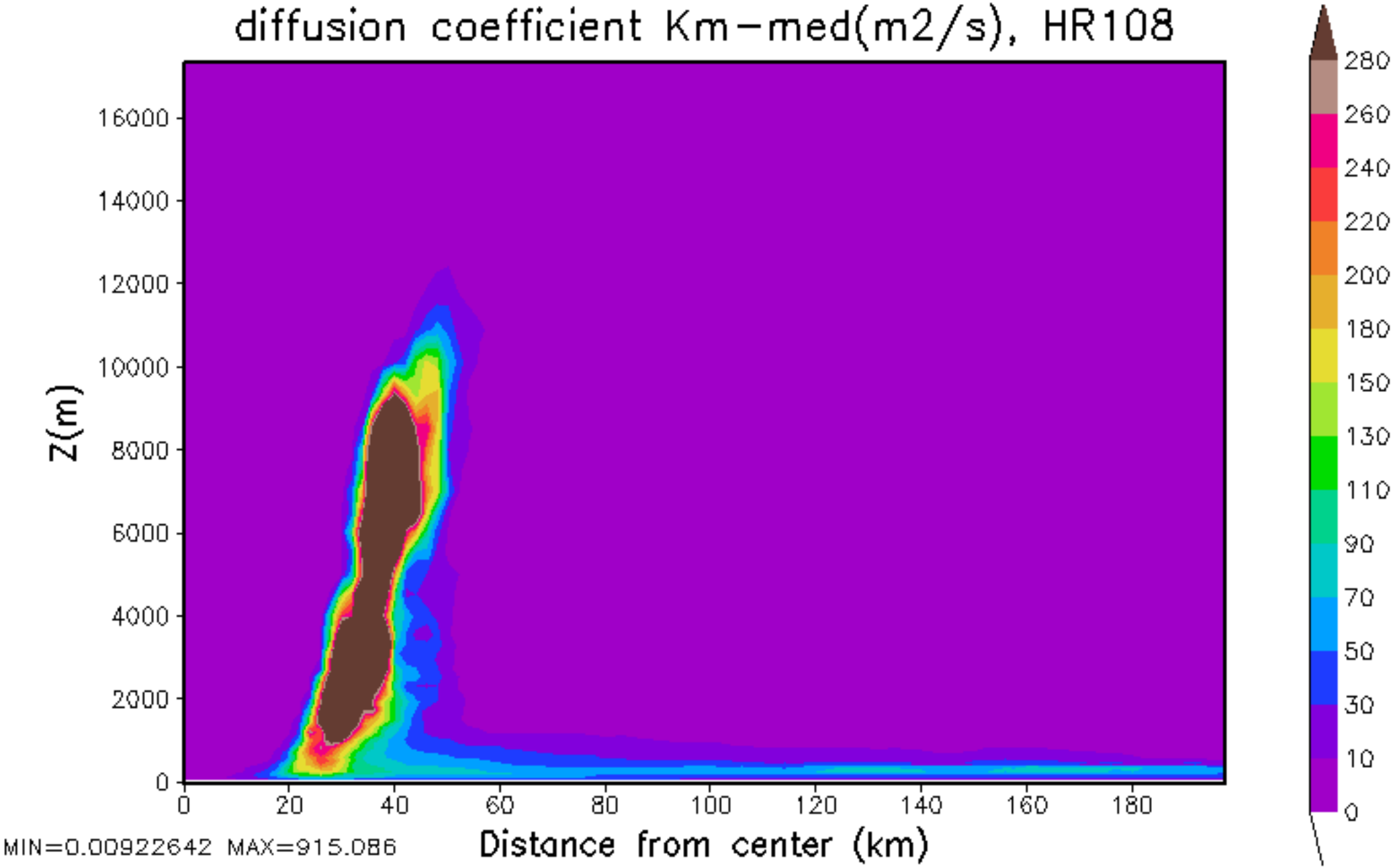
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/s), HR108
Z(m)
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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=0.00922642 MAX=915.086
280
260
240
220
200
180
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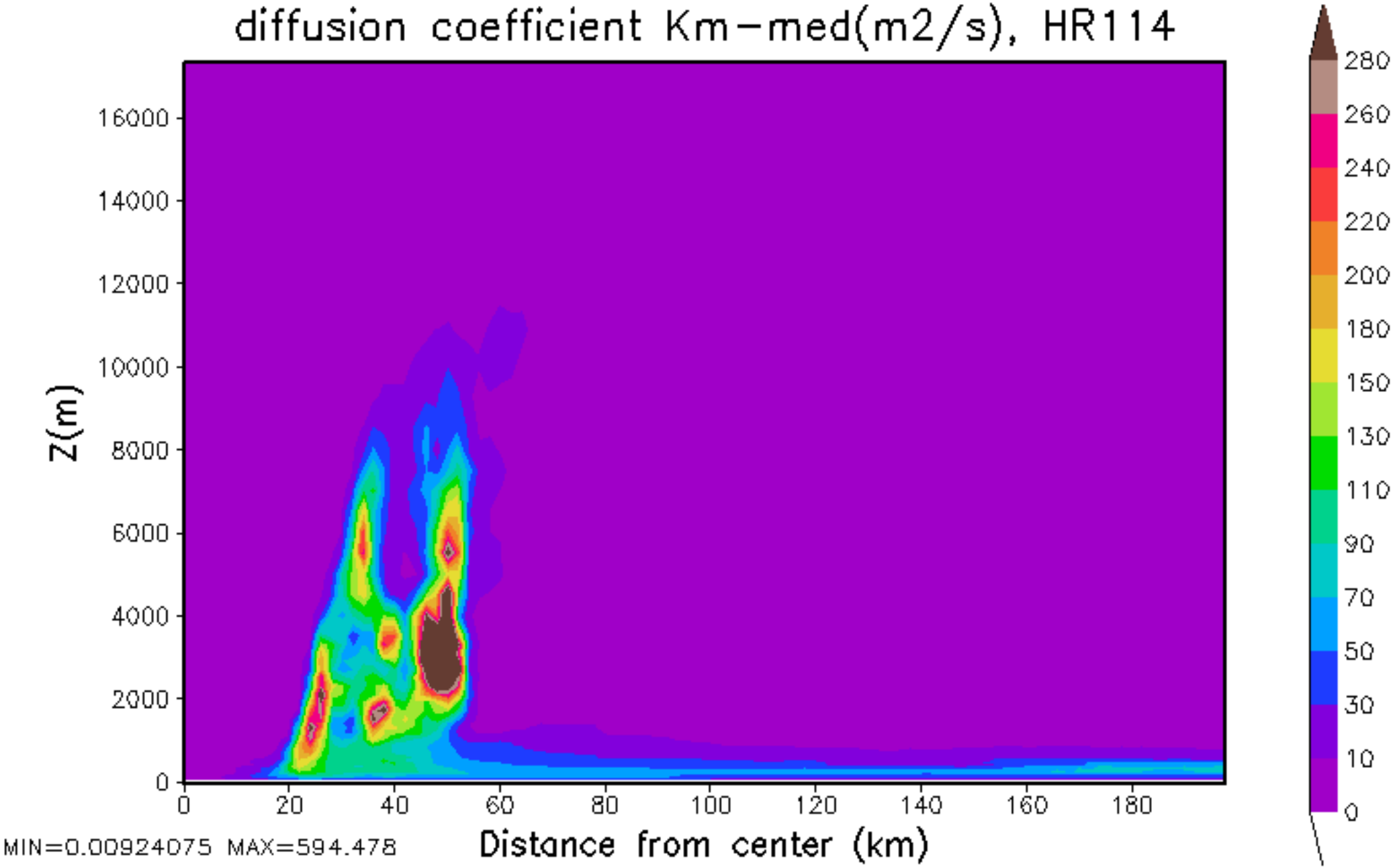
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/s), HR114
Z(m)
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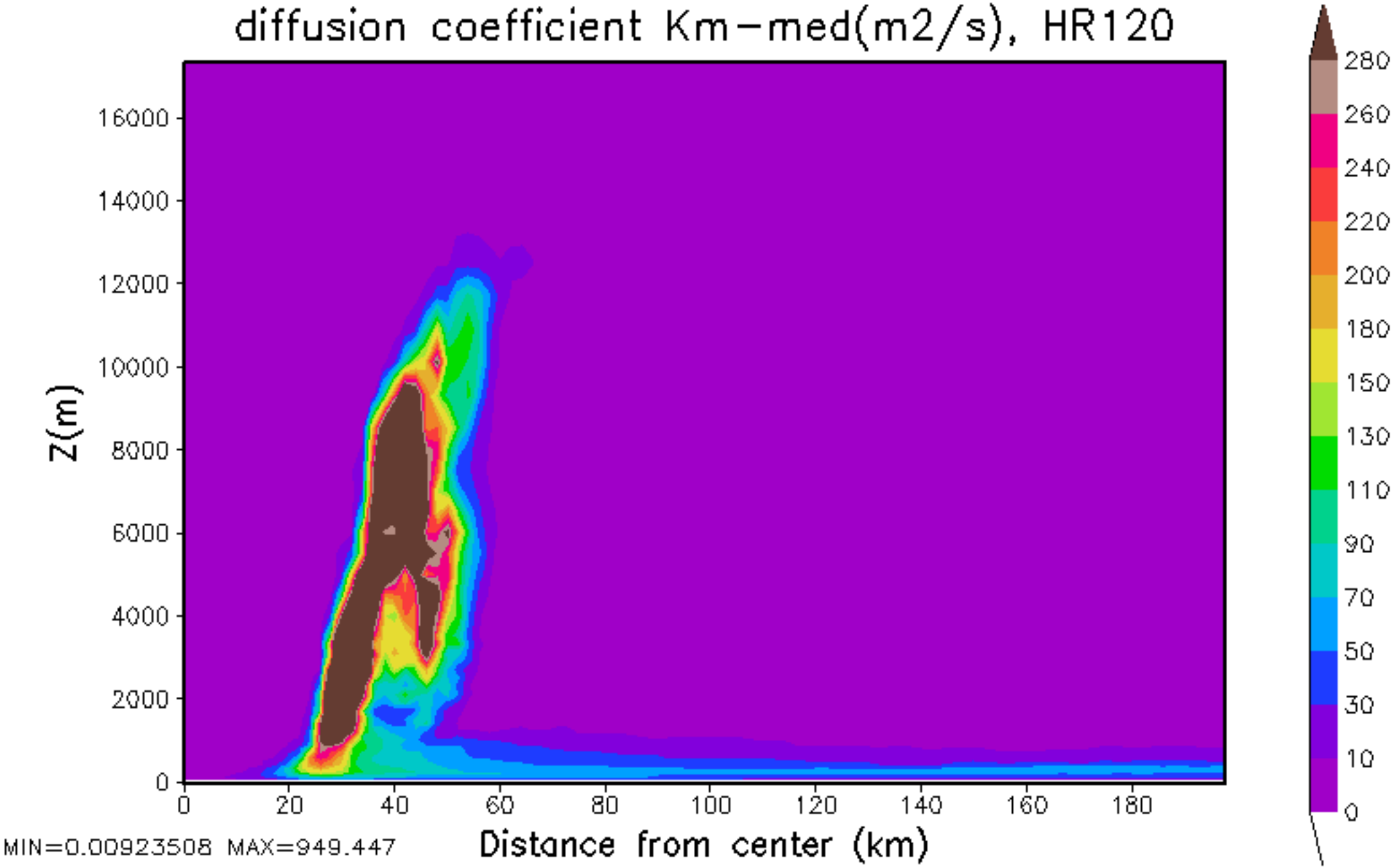
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924075 MAX=594.478
280
260
240
220
200
180
150
130
110
90
70
50
30
10
0


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=0.00923508 MAX=949.447
280
260
240
220
200
180
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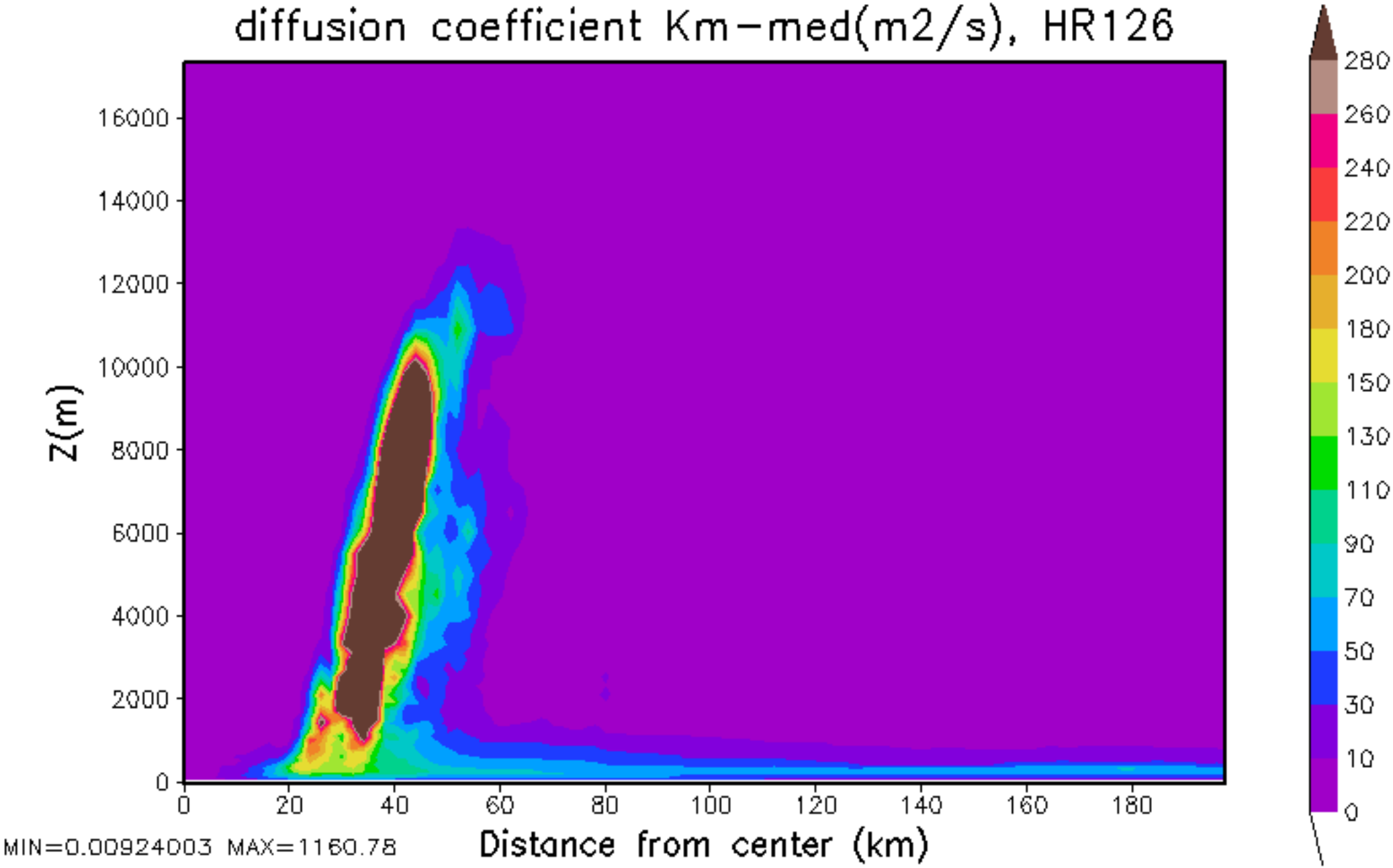
130
110
90
70
50
30
10
0


diffusion coefficient Km-med(m2/s), HR126
Z(m)
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14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00924003 MAX=1160.78
280
260
240
220
200
180
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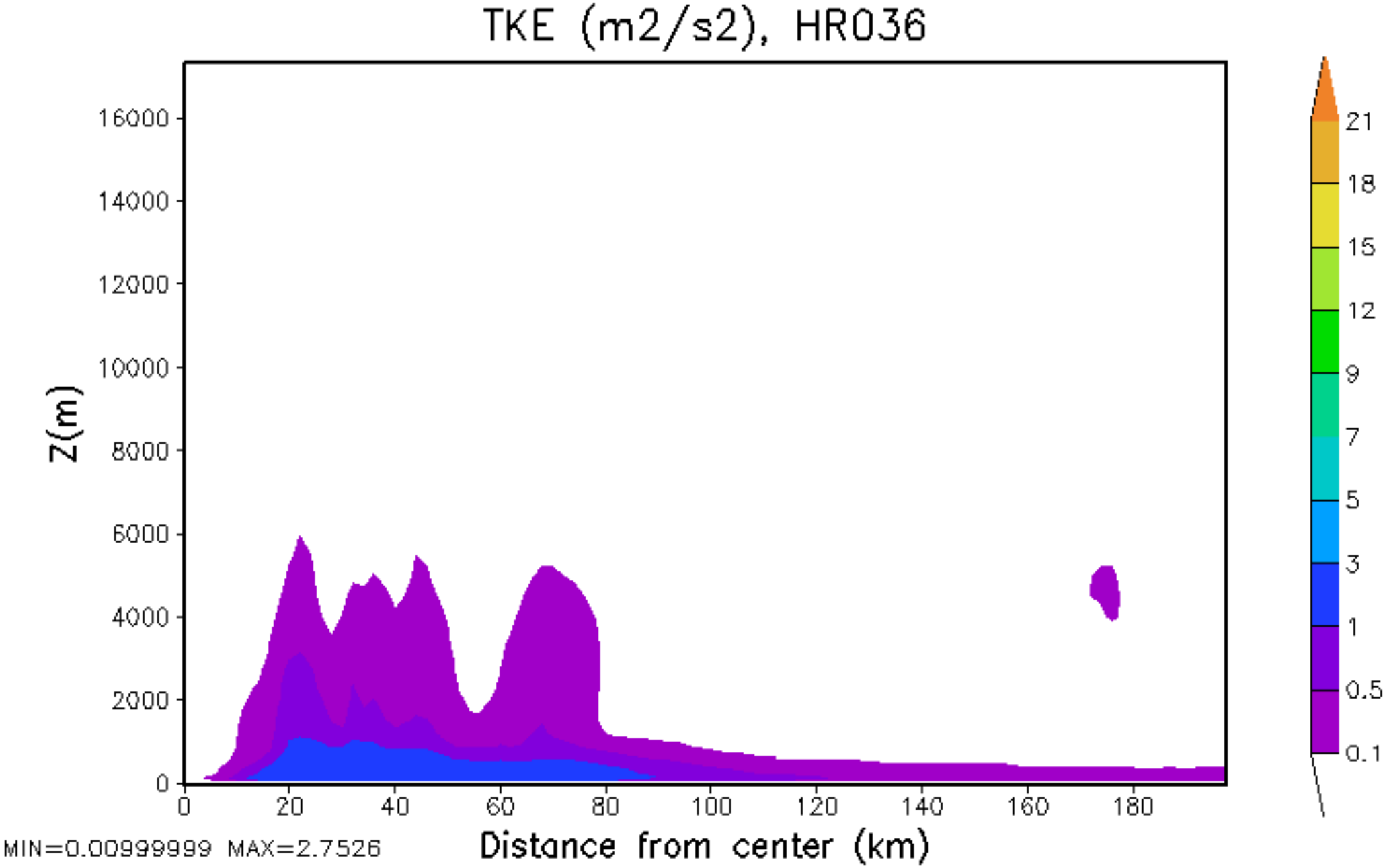
130
110
90
70
50
30
10
0


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=2.7526
21
18
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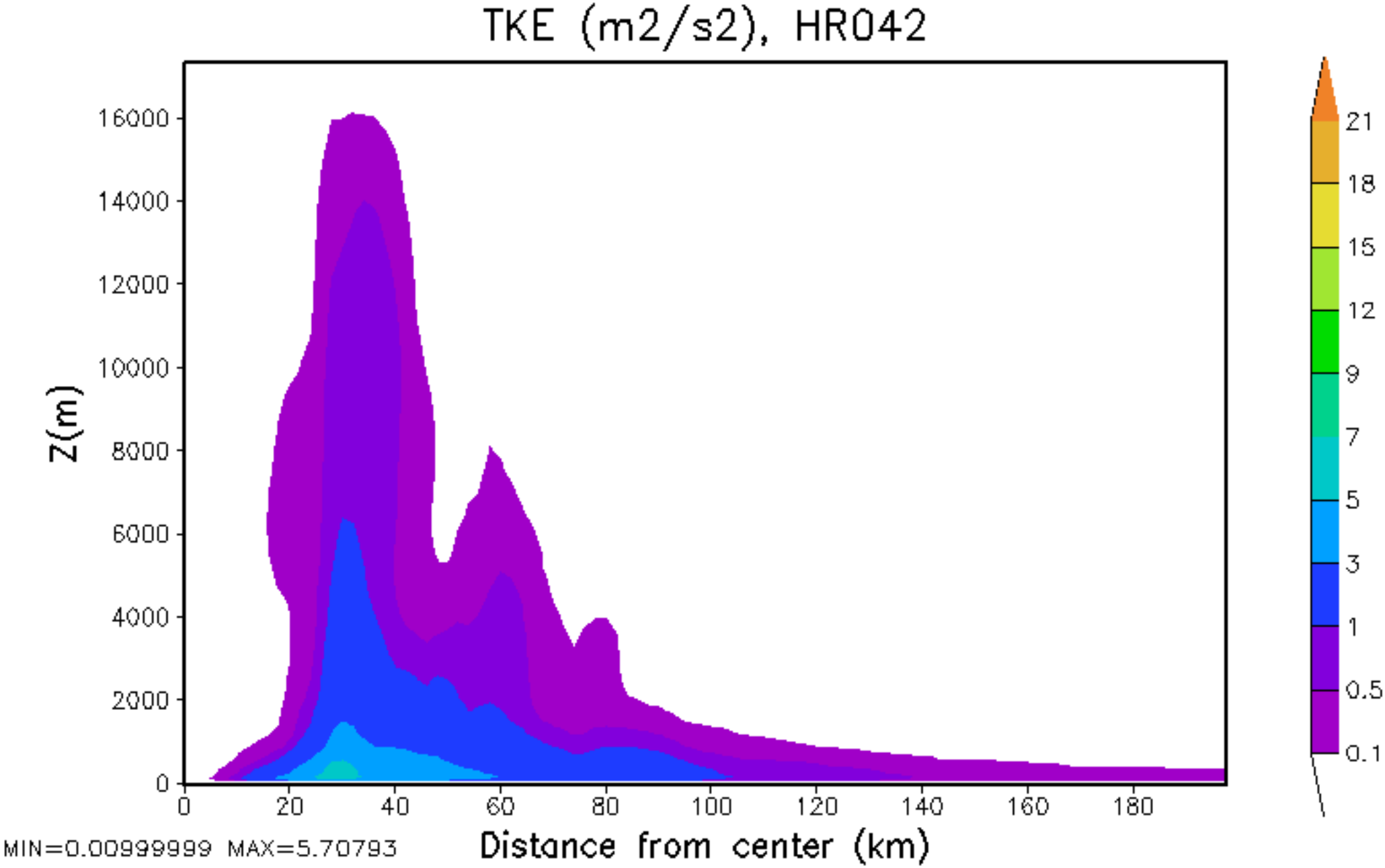
12
9
7
5
3
1
0.5
0.1


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)
MIN=0.00999999 MAX=5.70793
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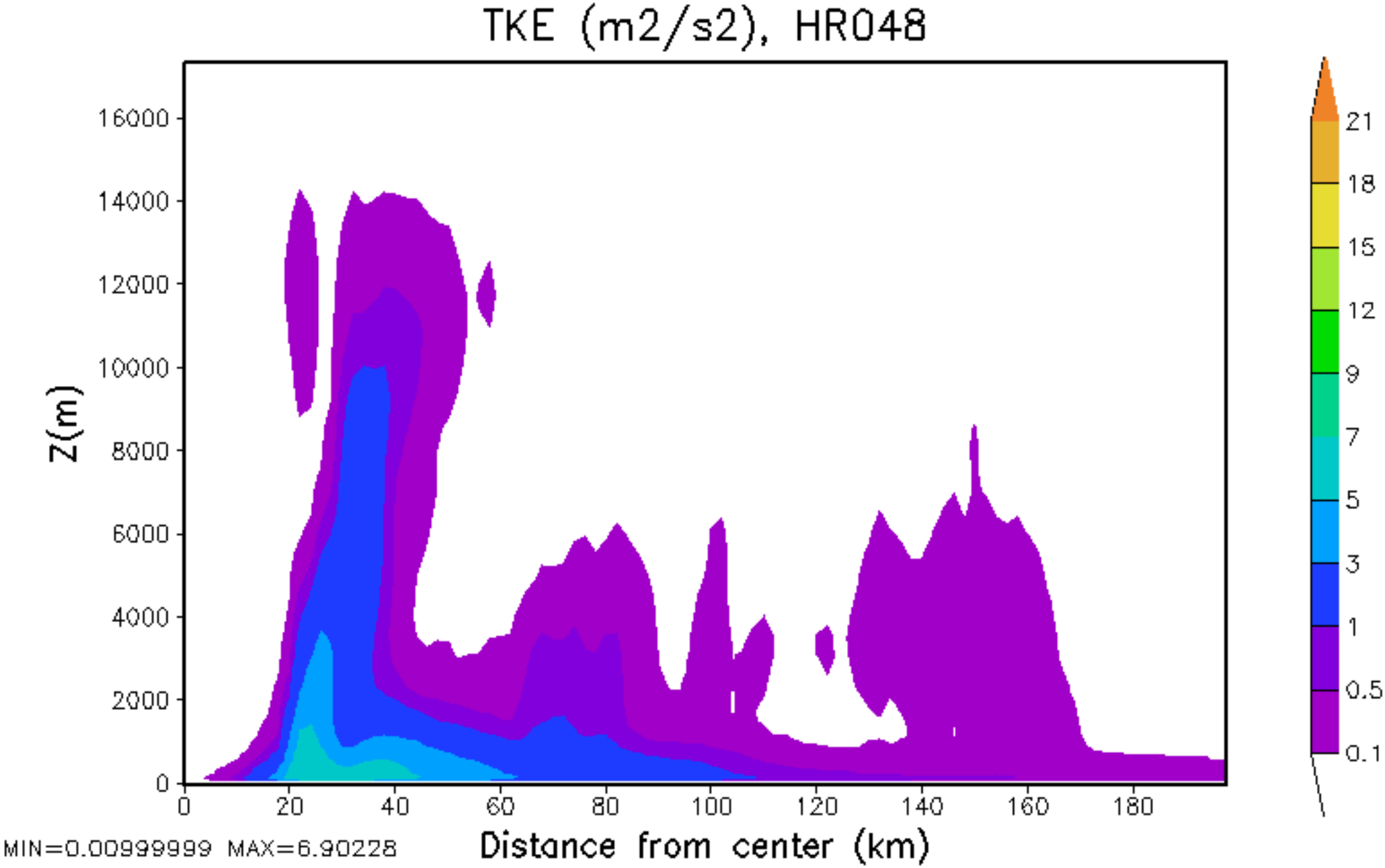
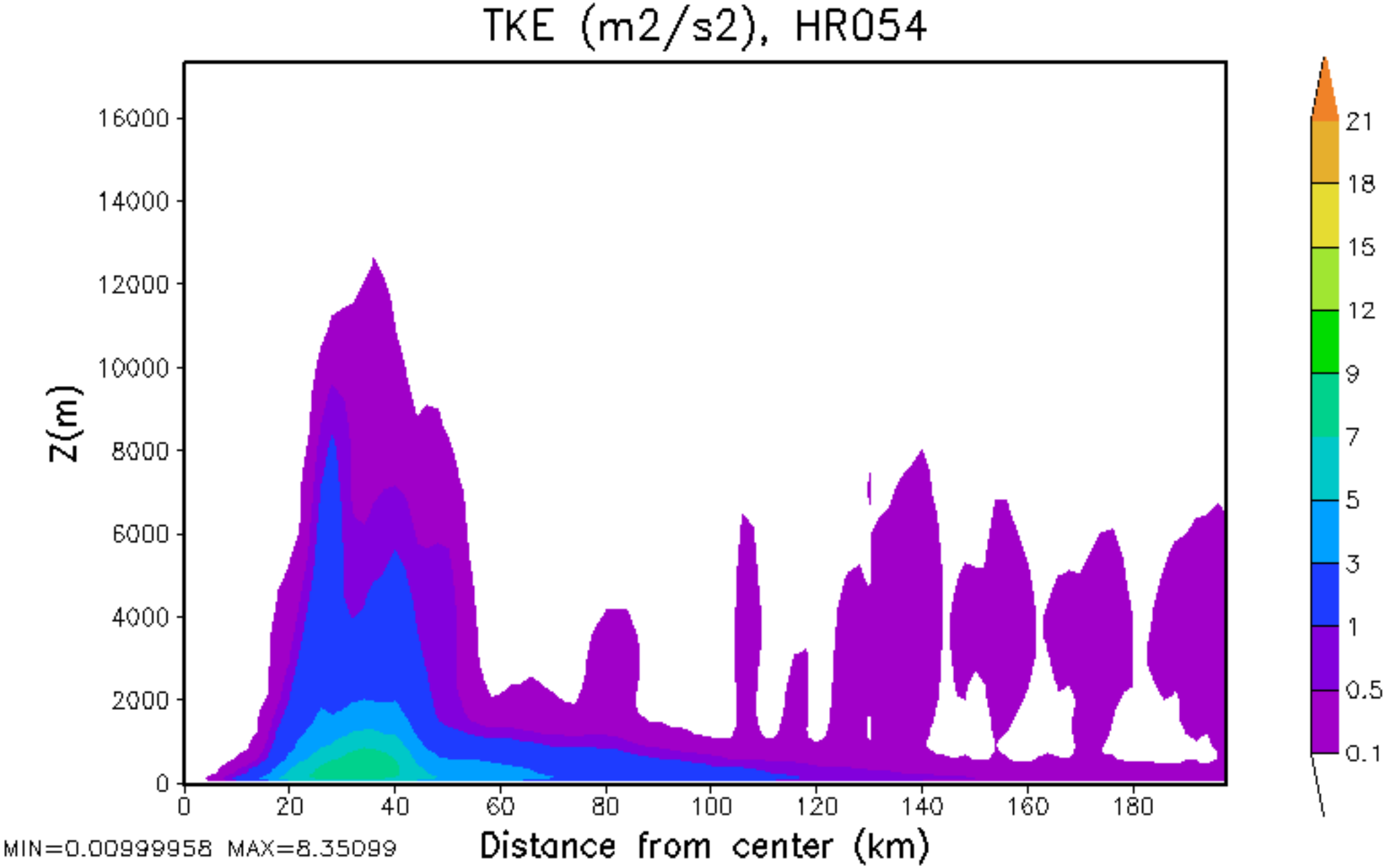
12
9
7
5
3
1
0.5
0.1


TKE (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=0.00999999 MAX=6.90228


TKE (m2/s2), HR054
Z(m)
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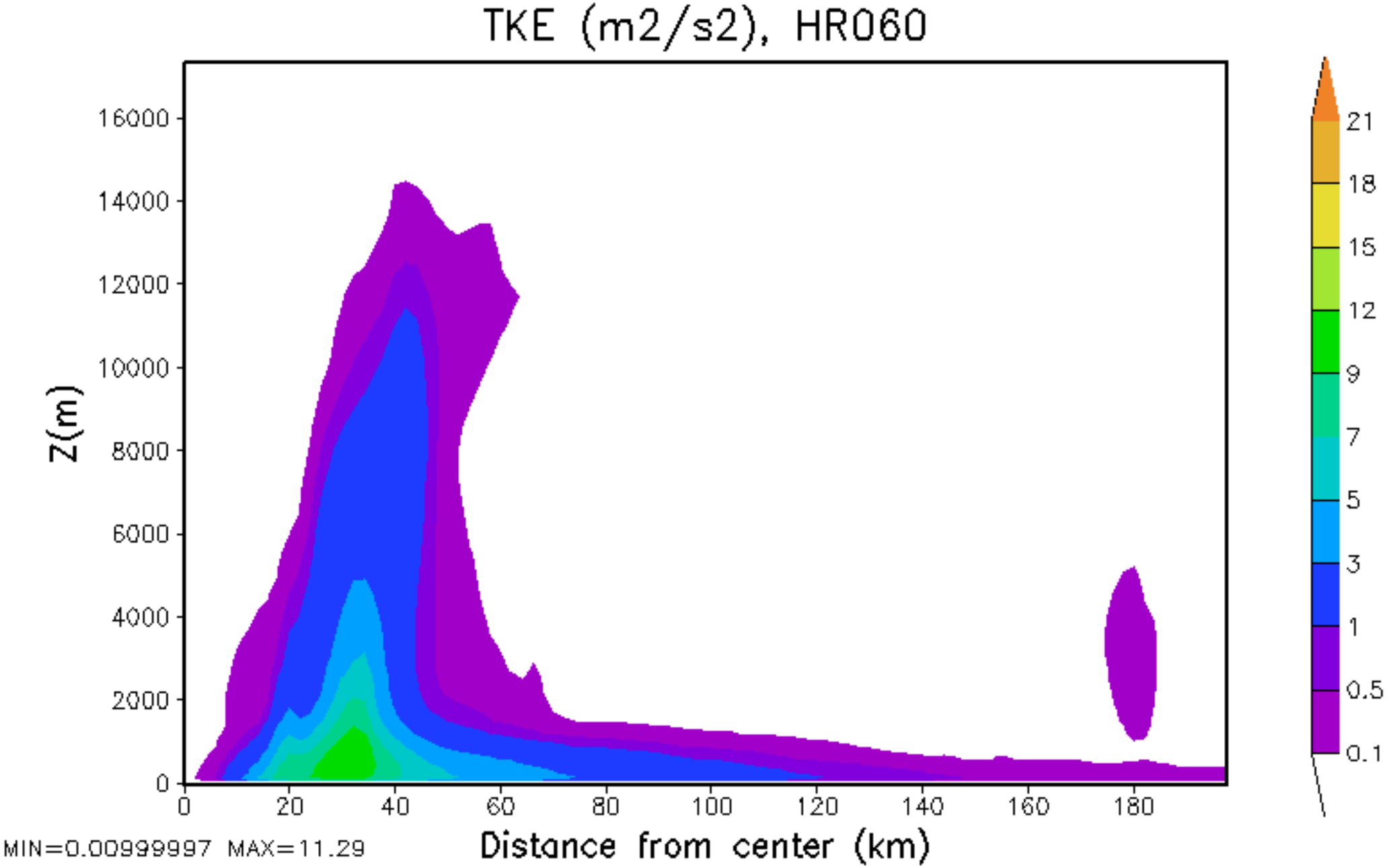
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.00999958 MAX=8.35099
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), HR060
Z(m)
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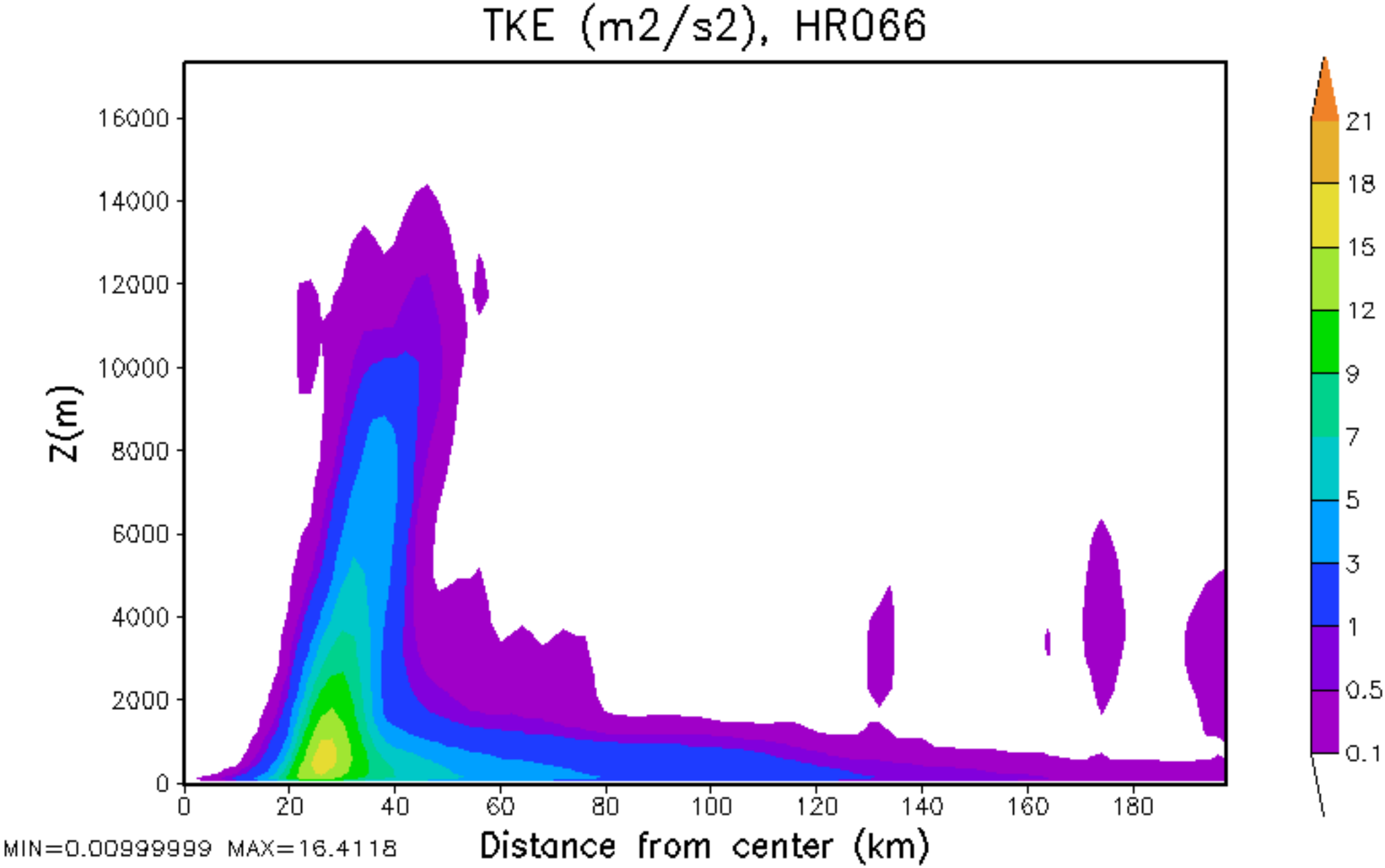
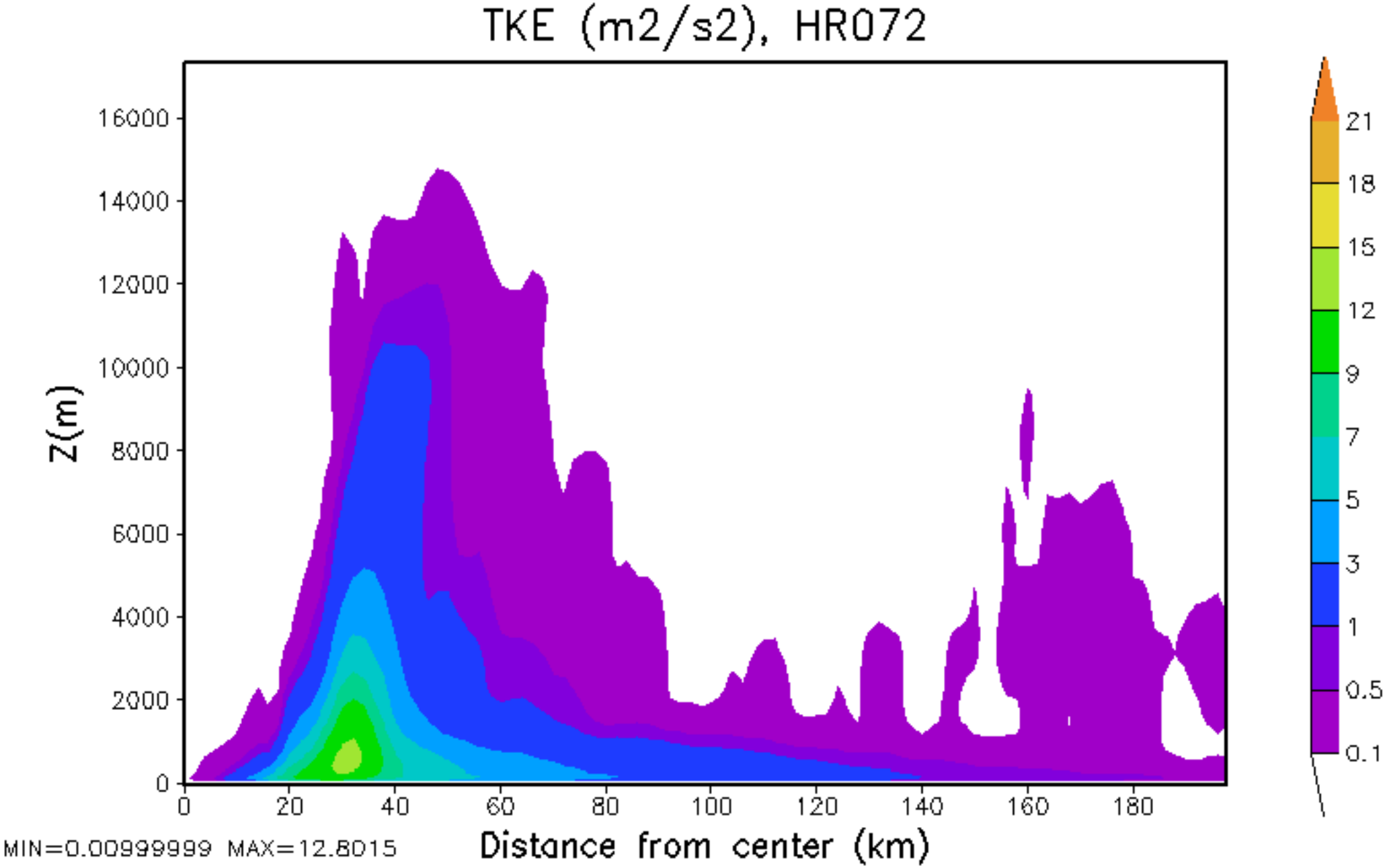
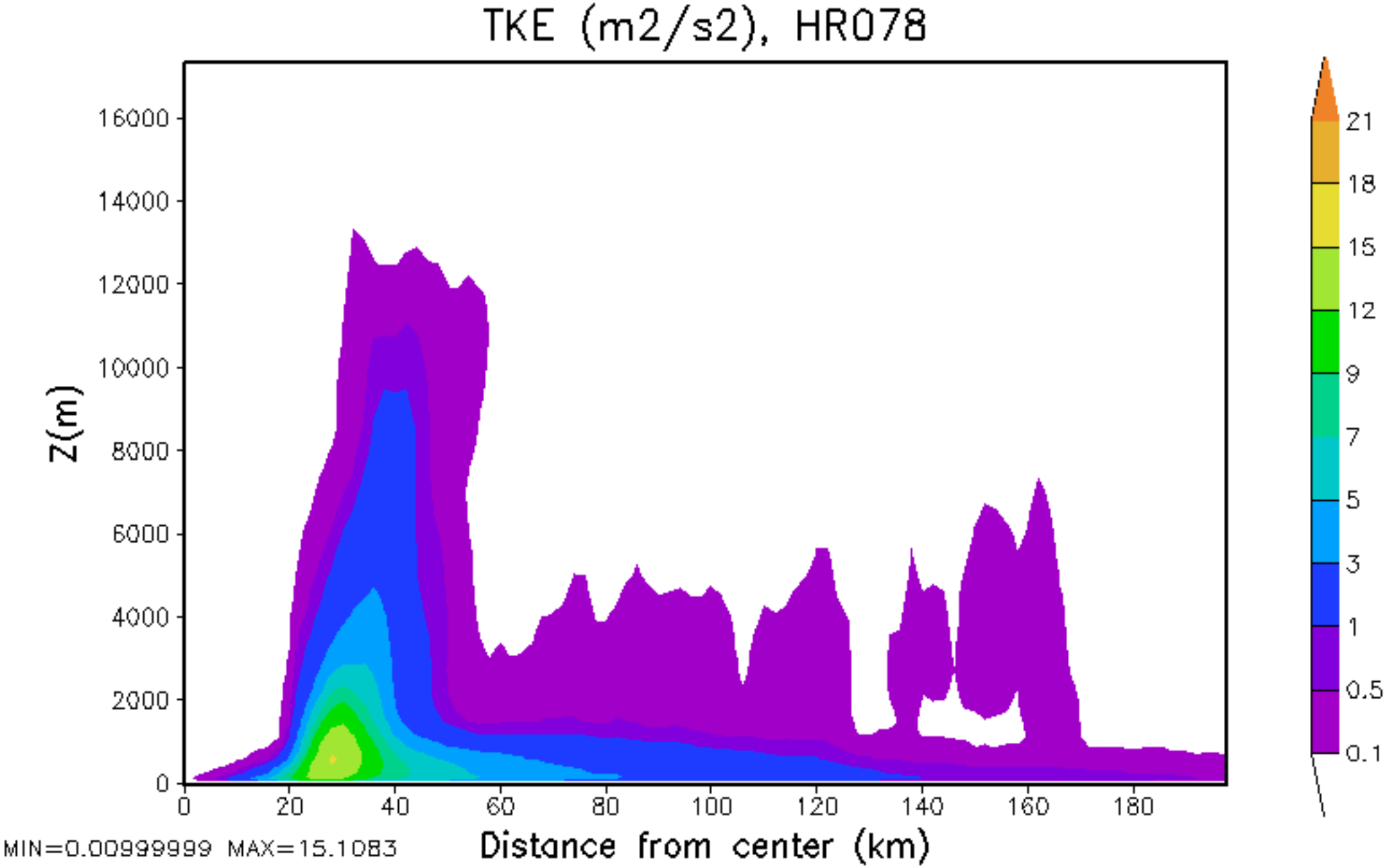
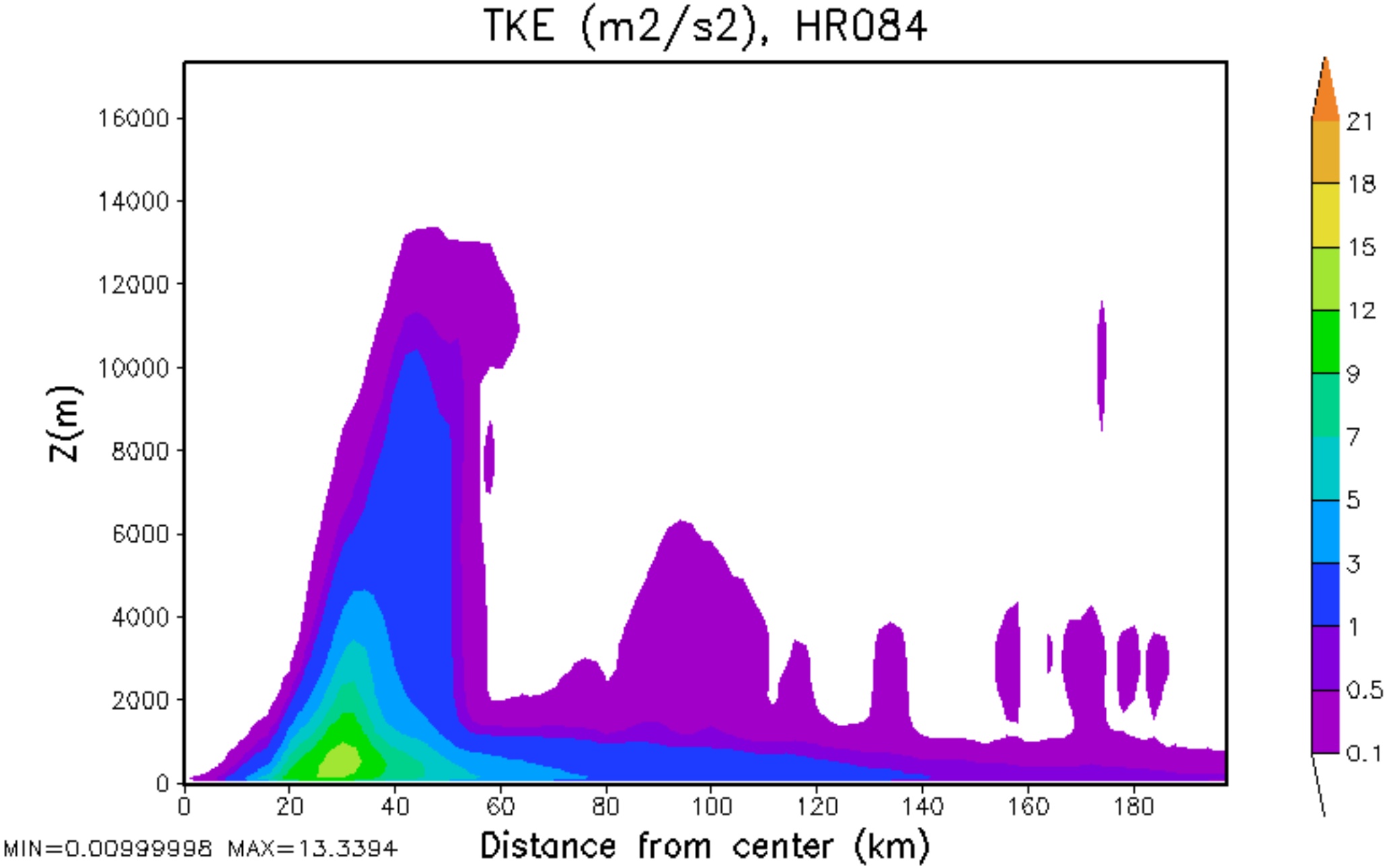
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999997 MAX=11.29


TKE (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=0.00999999 MAX=16.4118


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)
MIN=0.00999999 MAX=12.8015
21
18
15
12
9
7
5
3
1
0.5
0.1


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=15.1083
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), HR084
Z(m)
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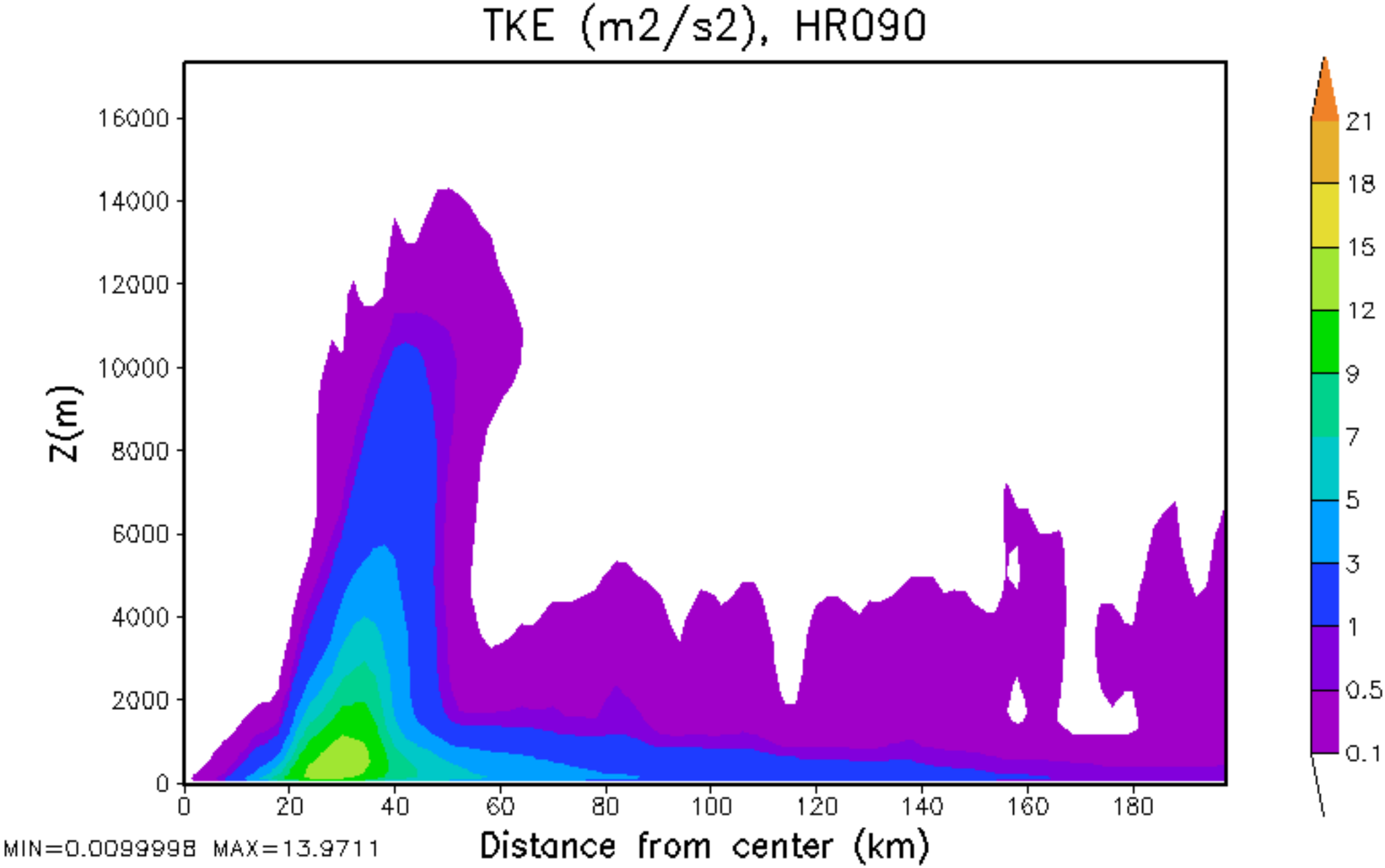
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999998 MAX=13.3394


TKE (m2/s2), HR090
Z(m)
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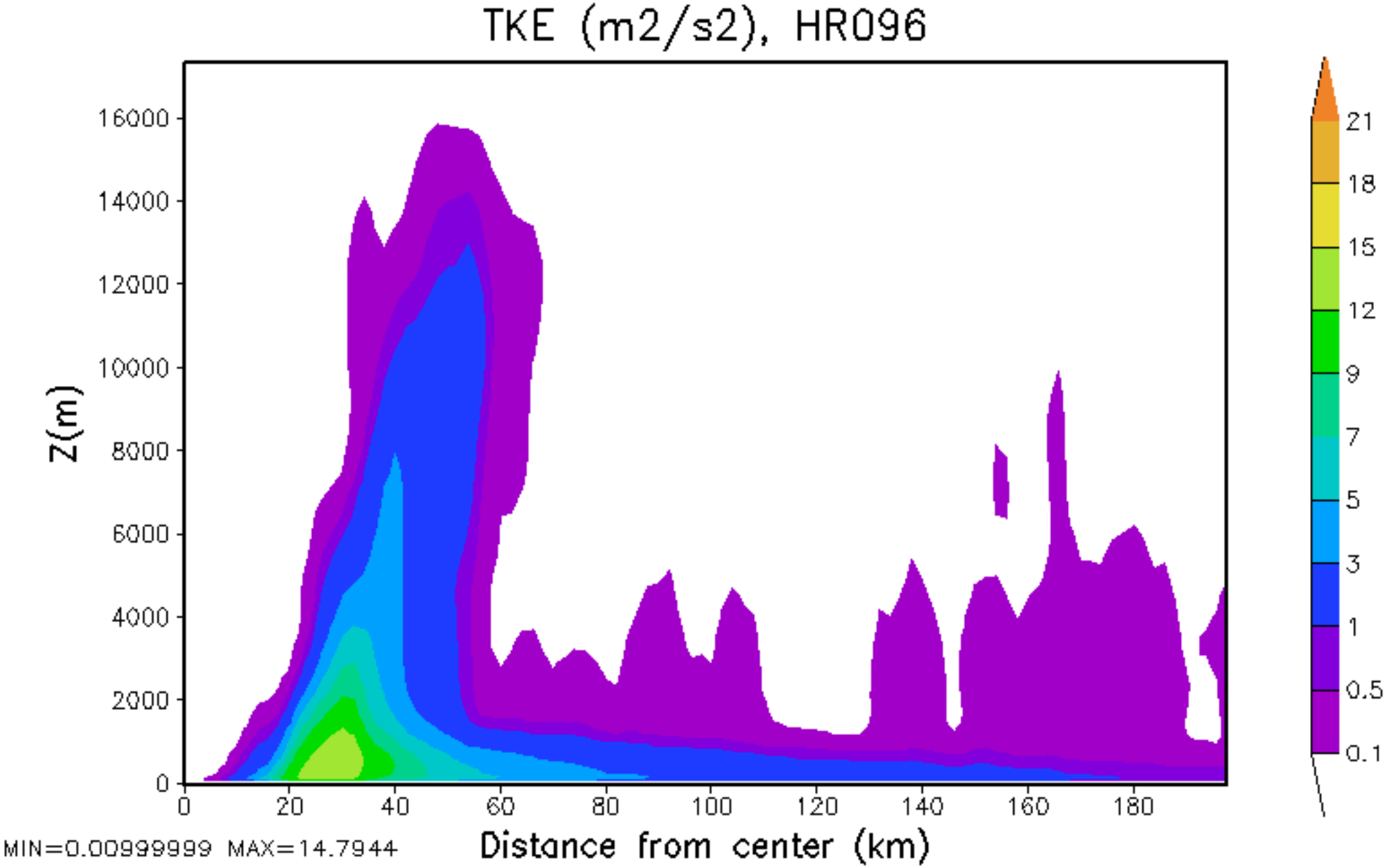
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.0099998 MAX=13.9711


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=14.7944
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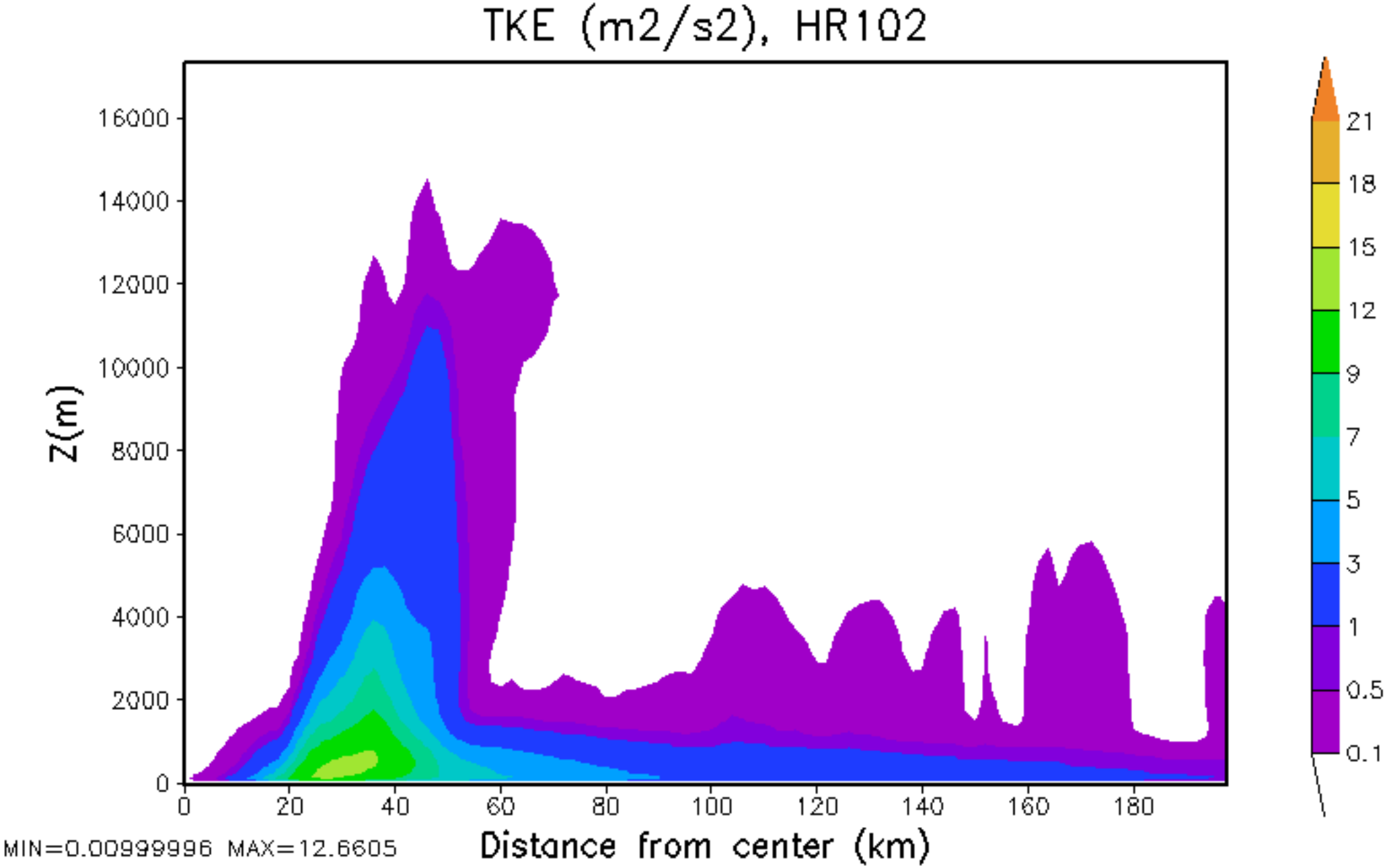
18
15
12
9
7
5
3
1
0.5
0.1


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=0.00999996 MAX=12.6605
21
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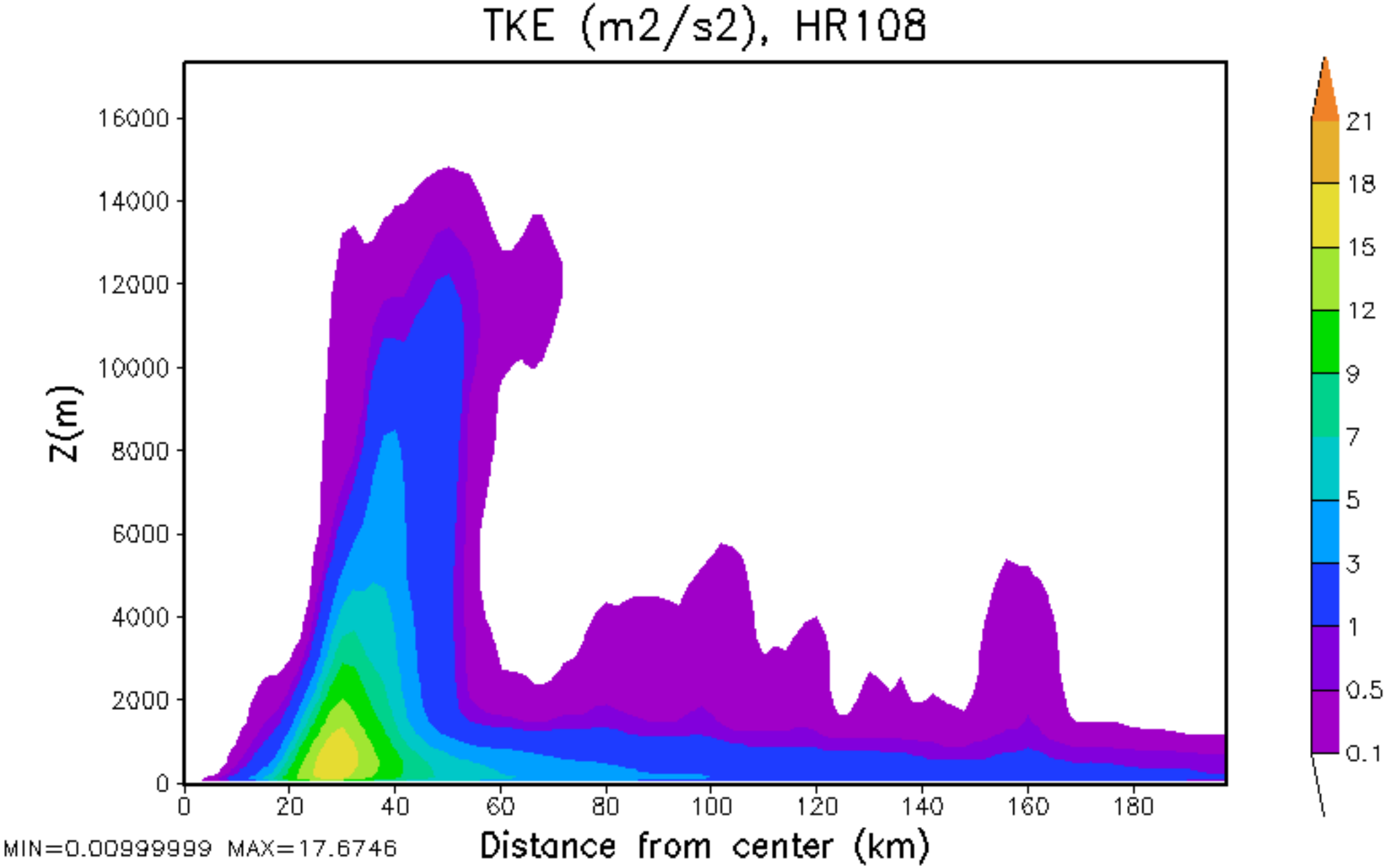
15
12
9
7
5
3
1
0.5
0.1


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)
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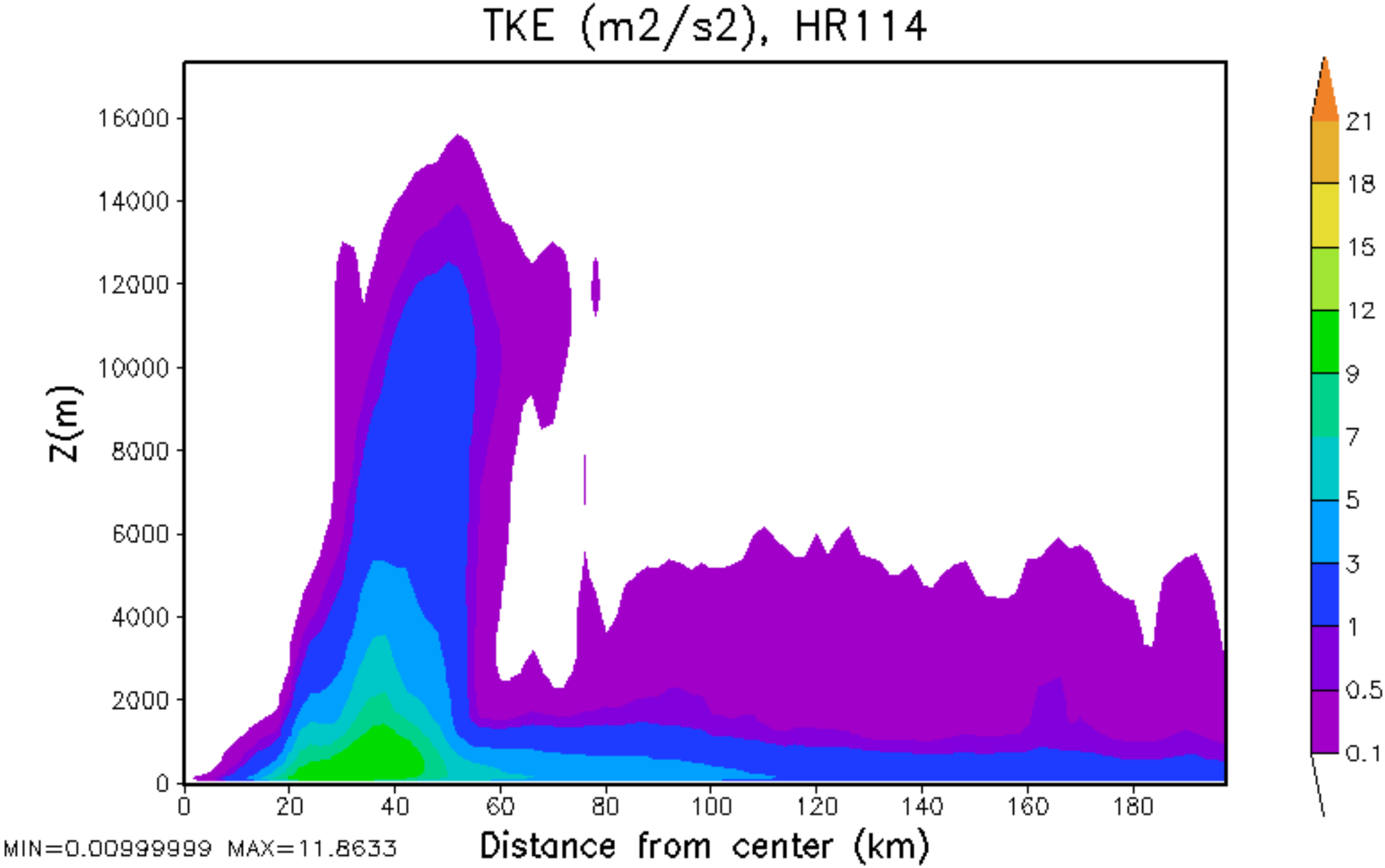
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999999 MAX=17.6746


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)
MIN=0.00999999 MAX=11.8633
21
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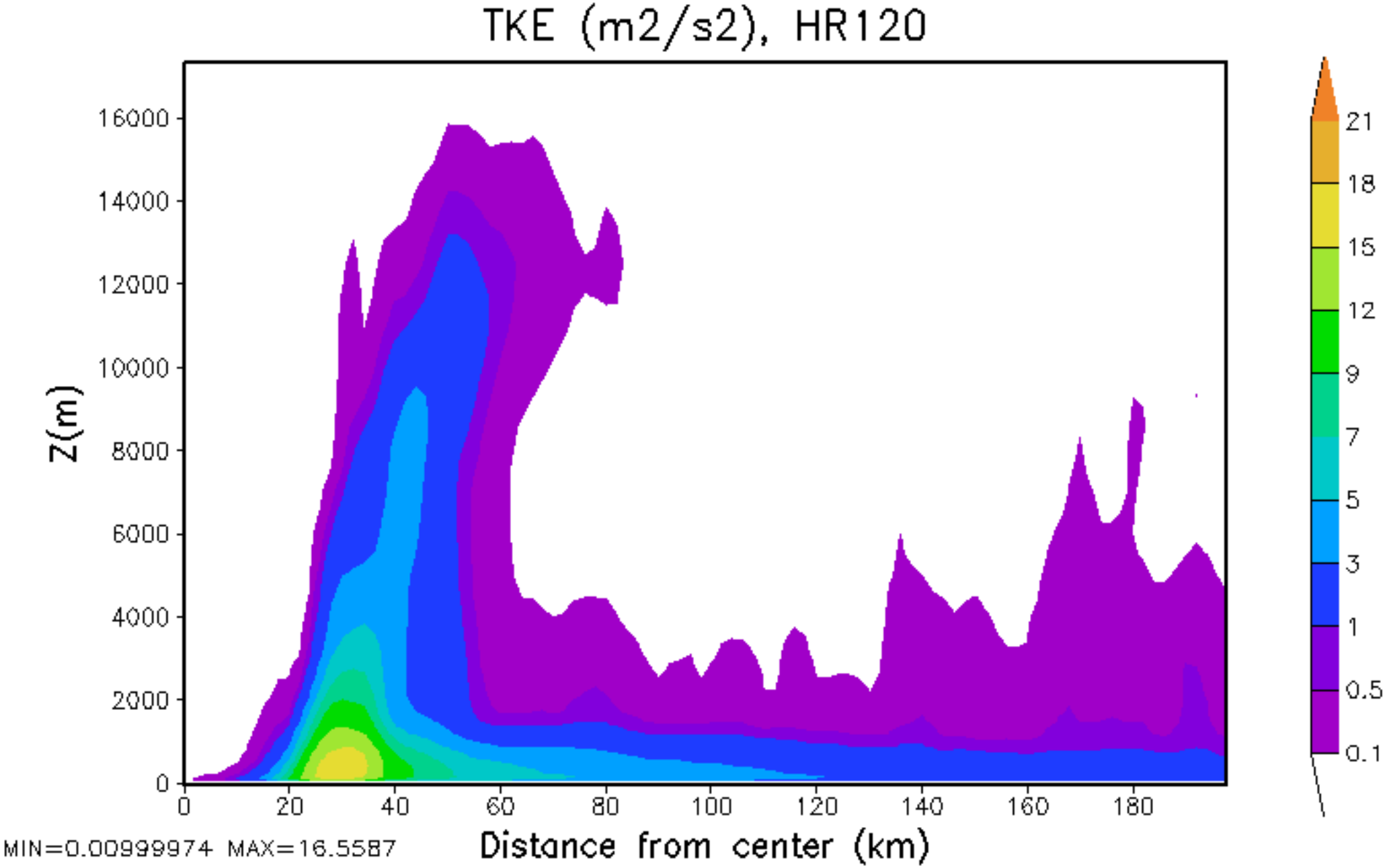
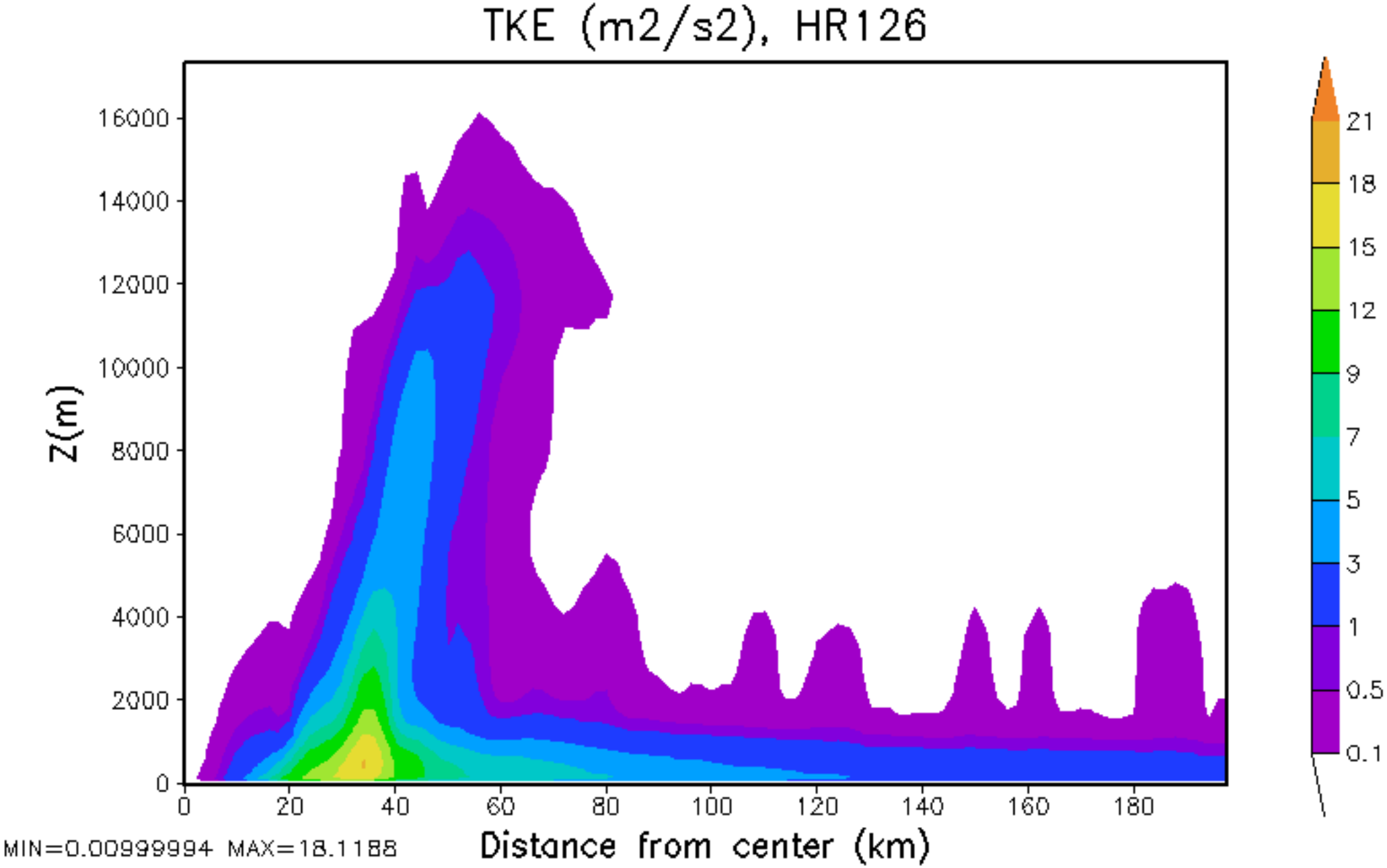
15
12
9
7
5
3
1
0.5
0.1


TKE (m2/s2), 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)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.00999974 MAX=16.5587


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)
MIN=0.00999994 MAX=18.1188
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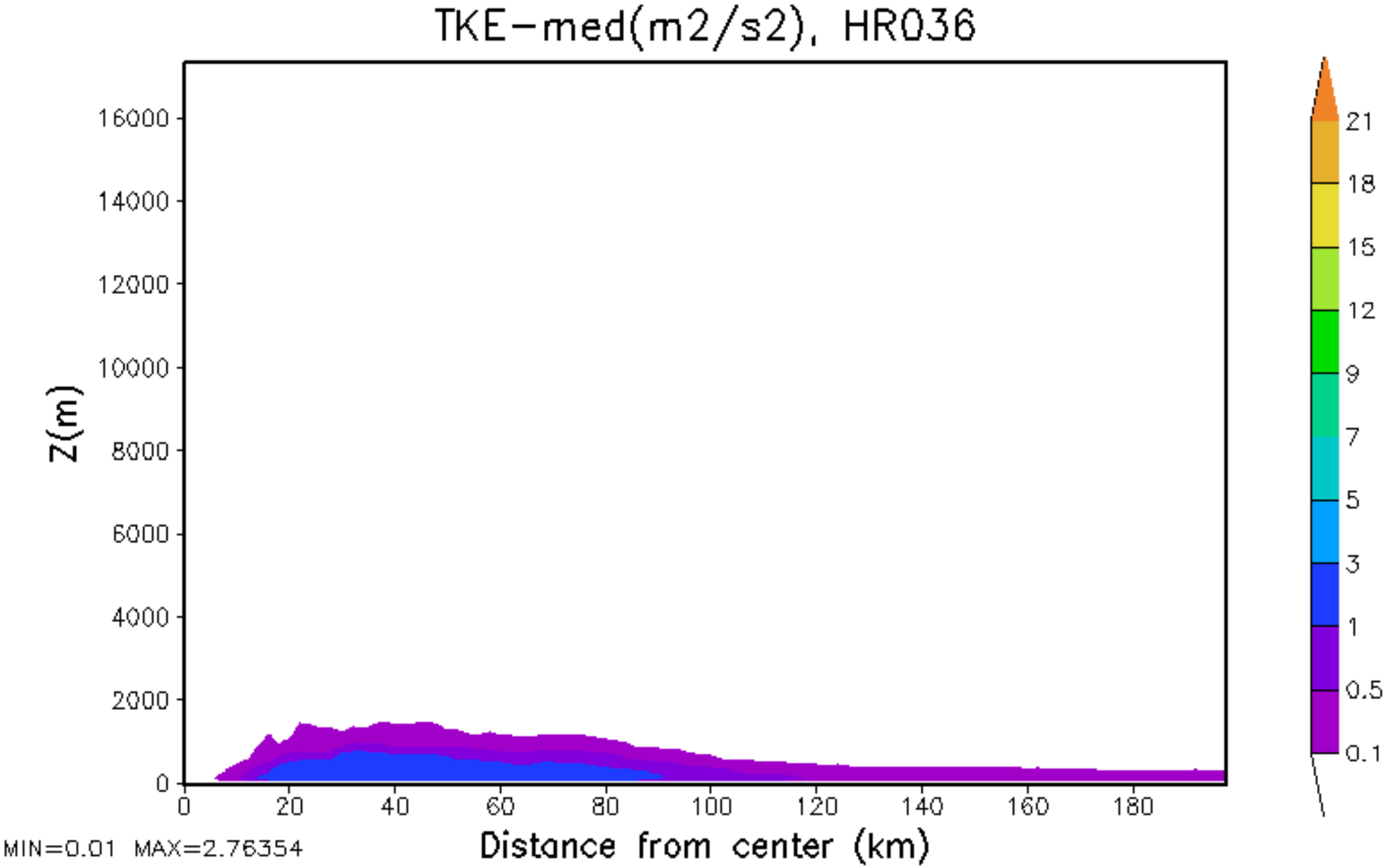
15
12
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), HR036
Z(m)
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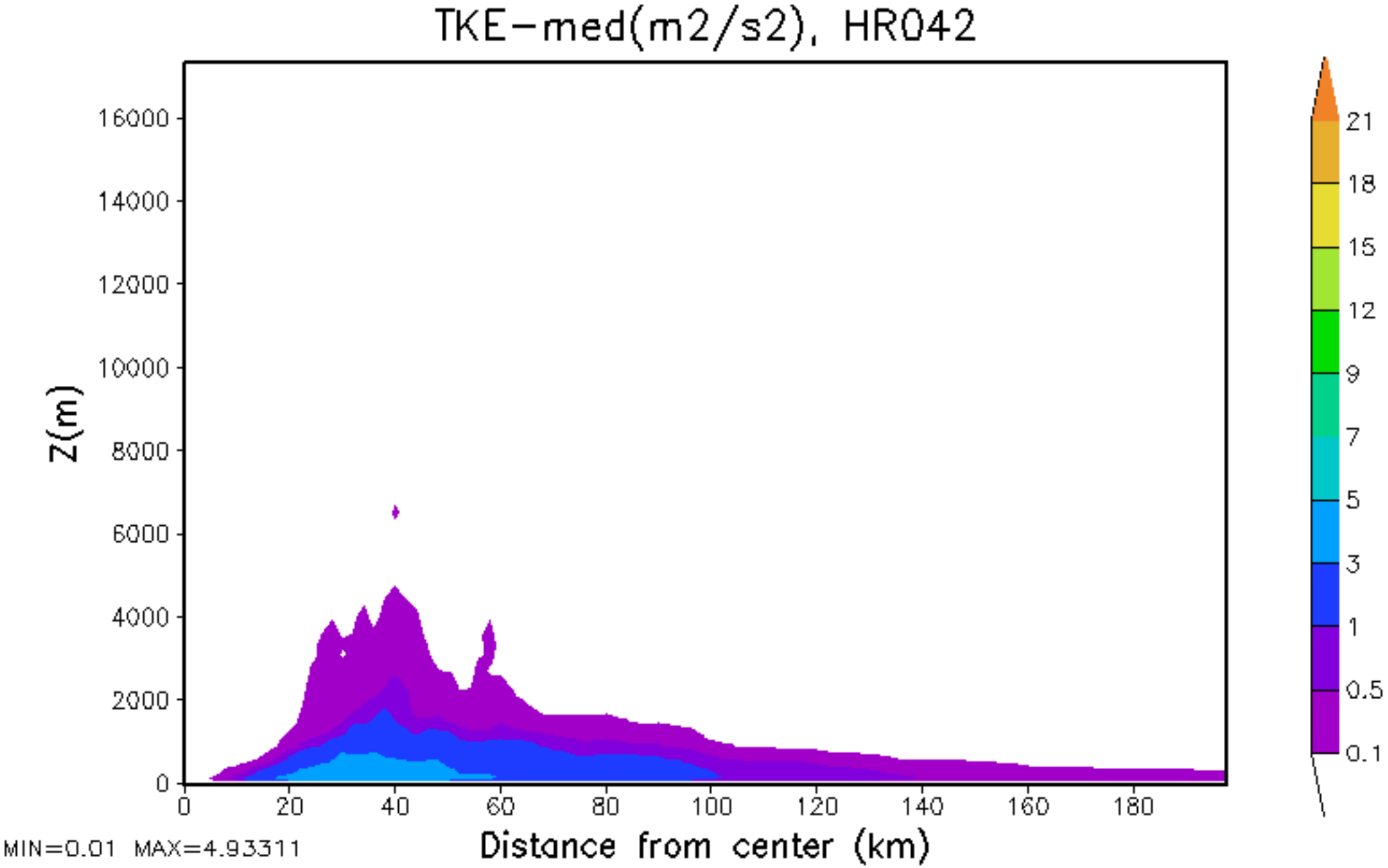
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.01 MAX=2.76354


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=4.93311
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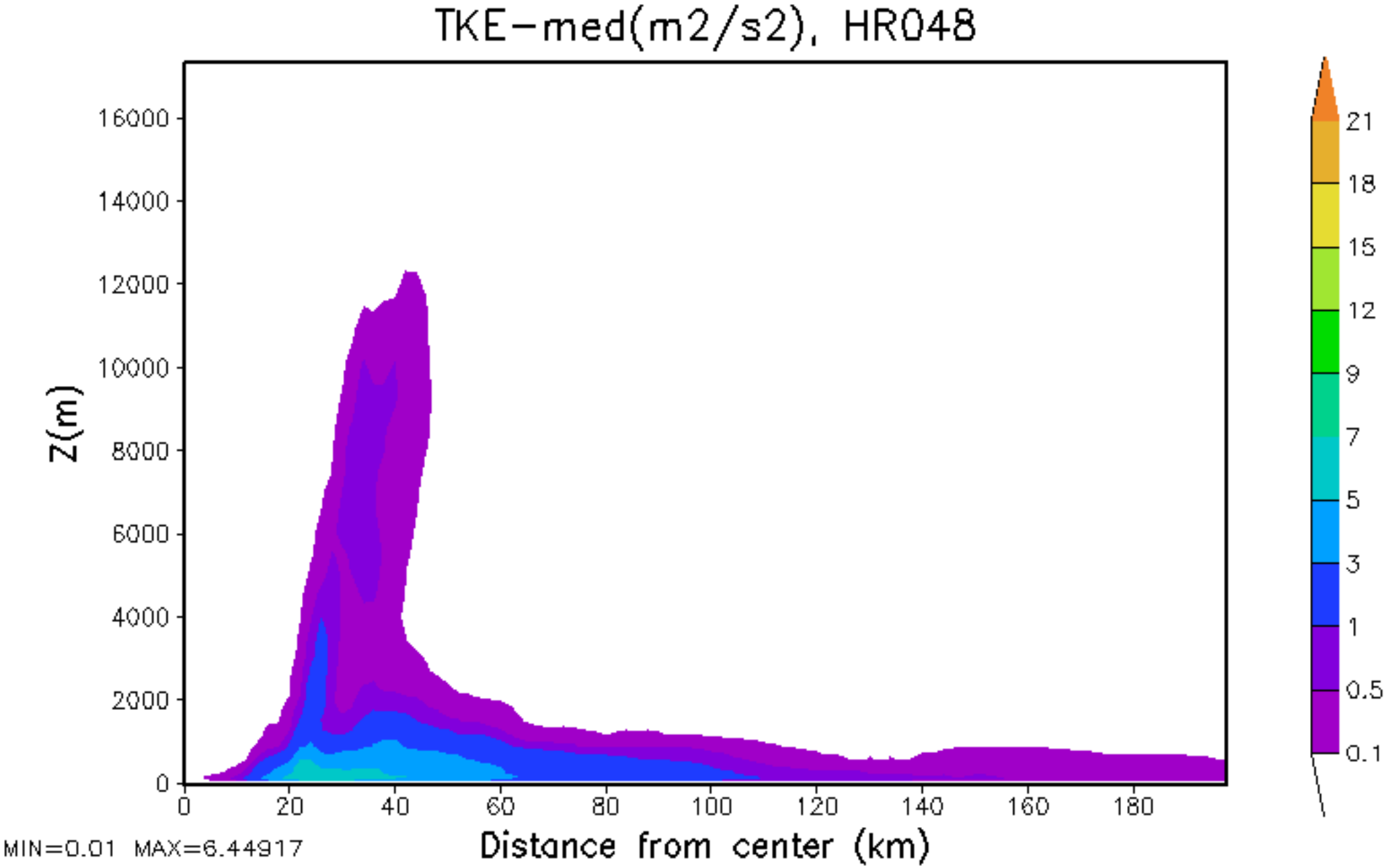
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), HR048
Z(m)
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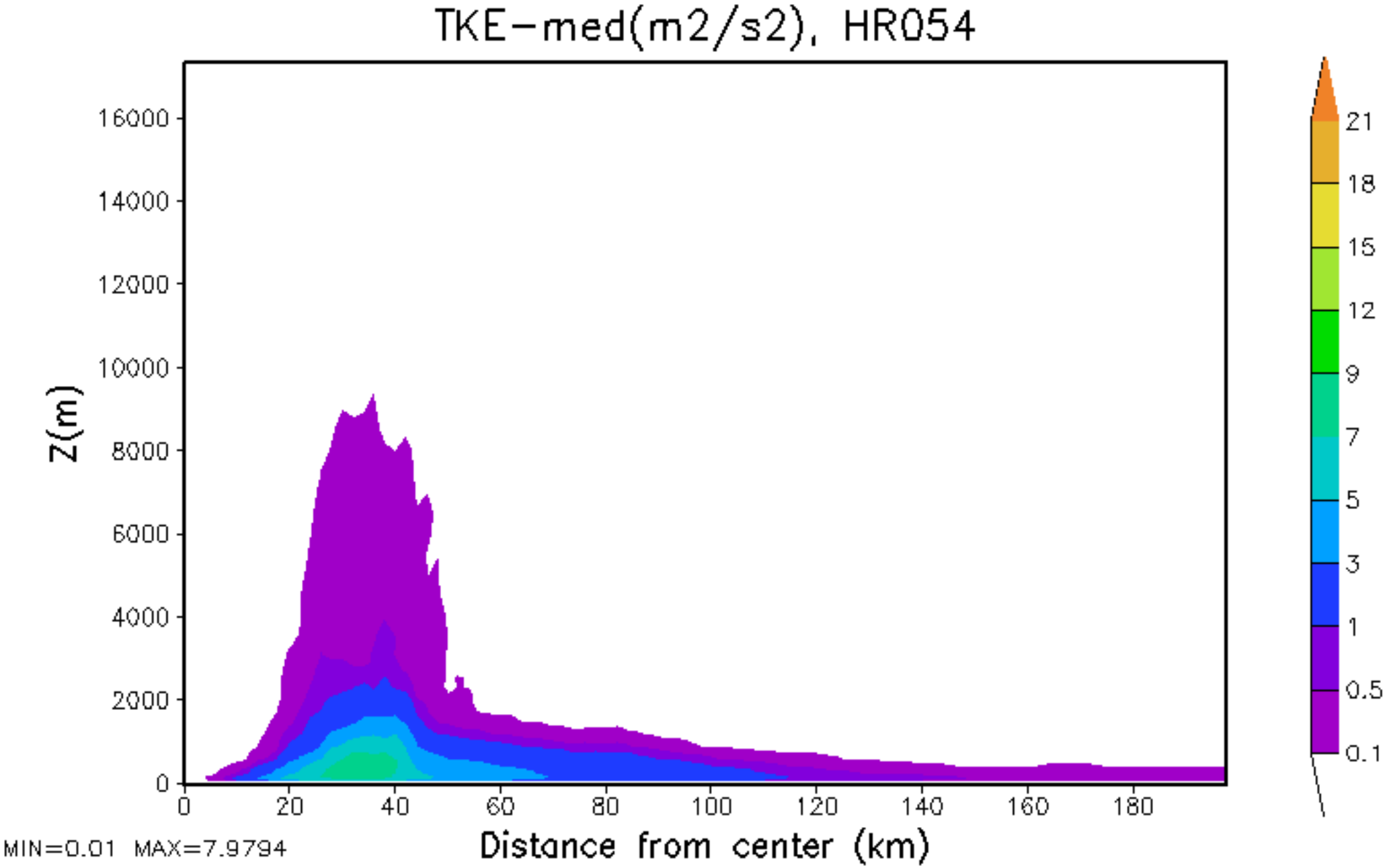
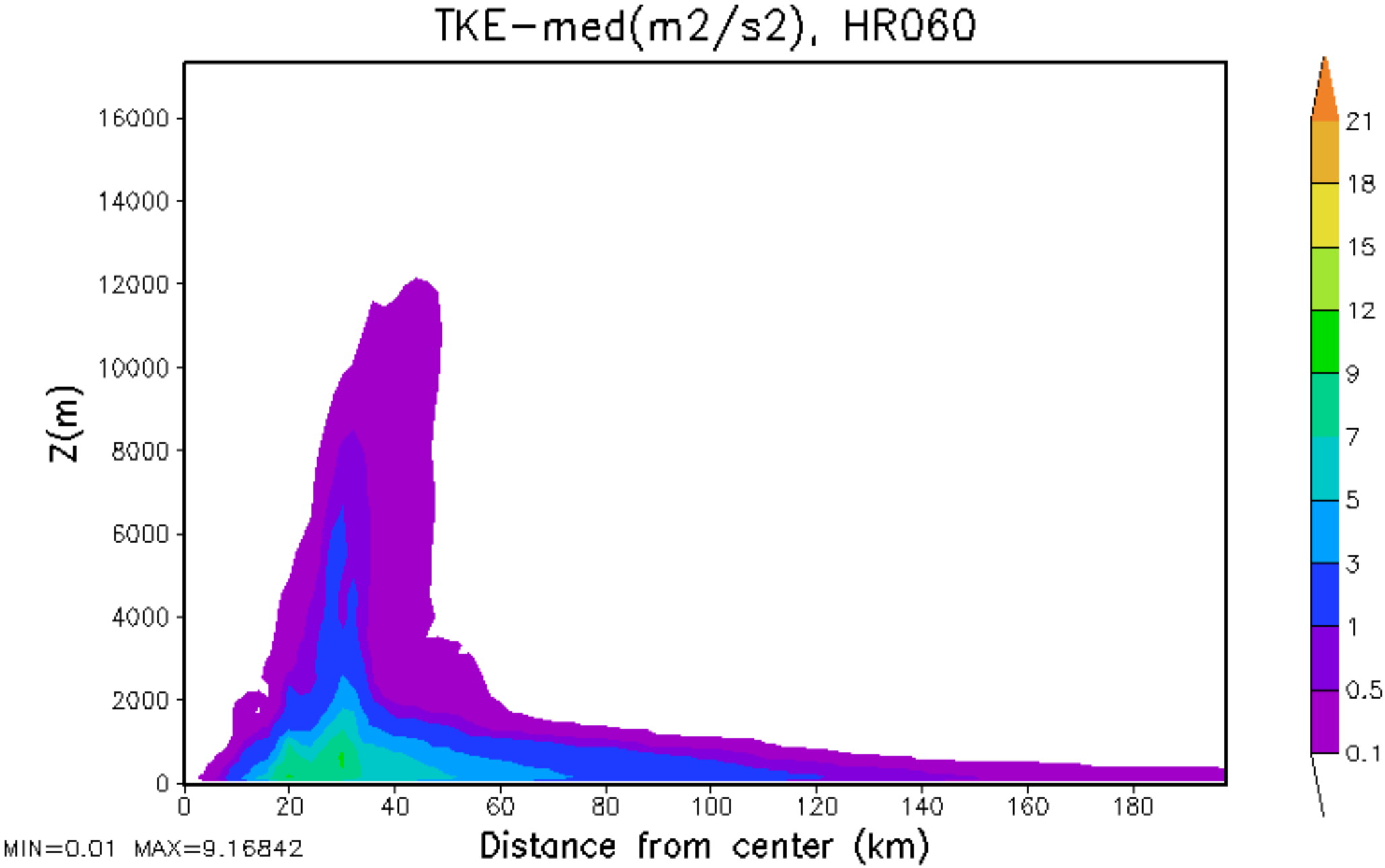
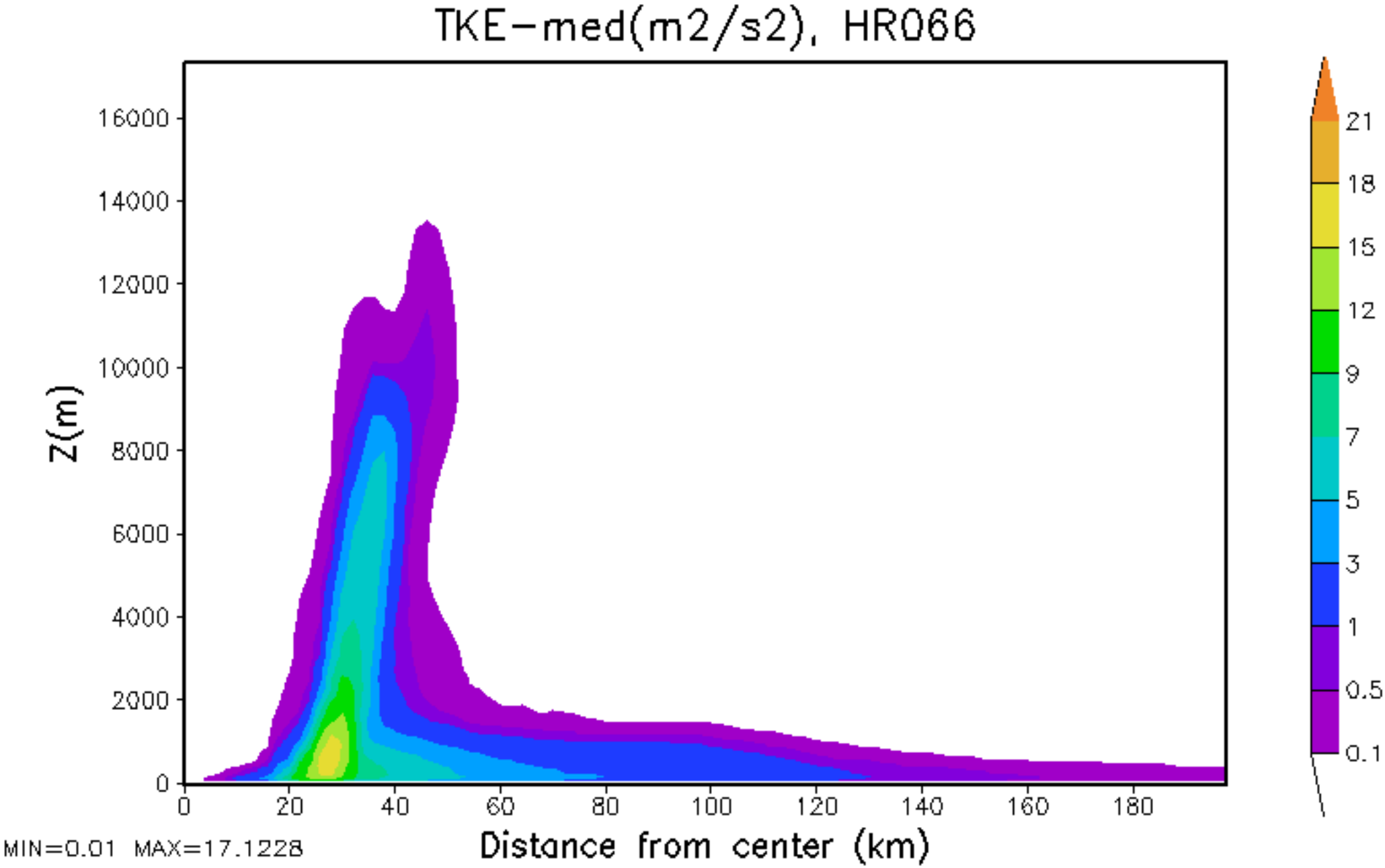
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
21
18
15
12
9
7
5
3
1
0.5
0.1
MIN=0.01 MAX=6.44917


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=7.9794


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=9.16842
21
18
15
12
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), HR066
Z(m)
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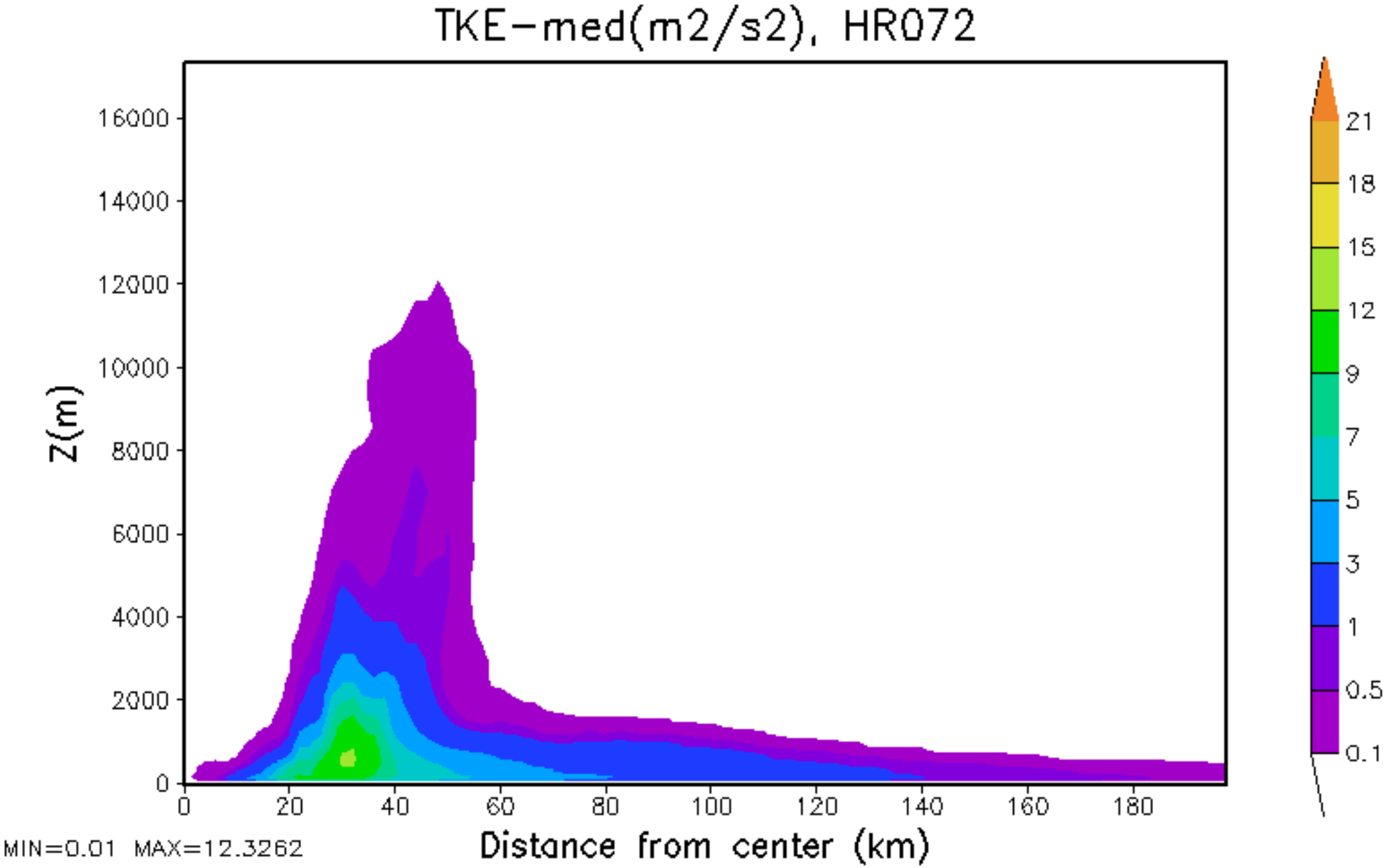
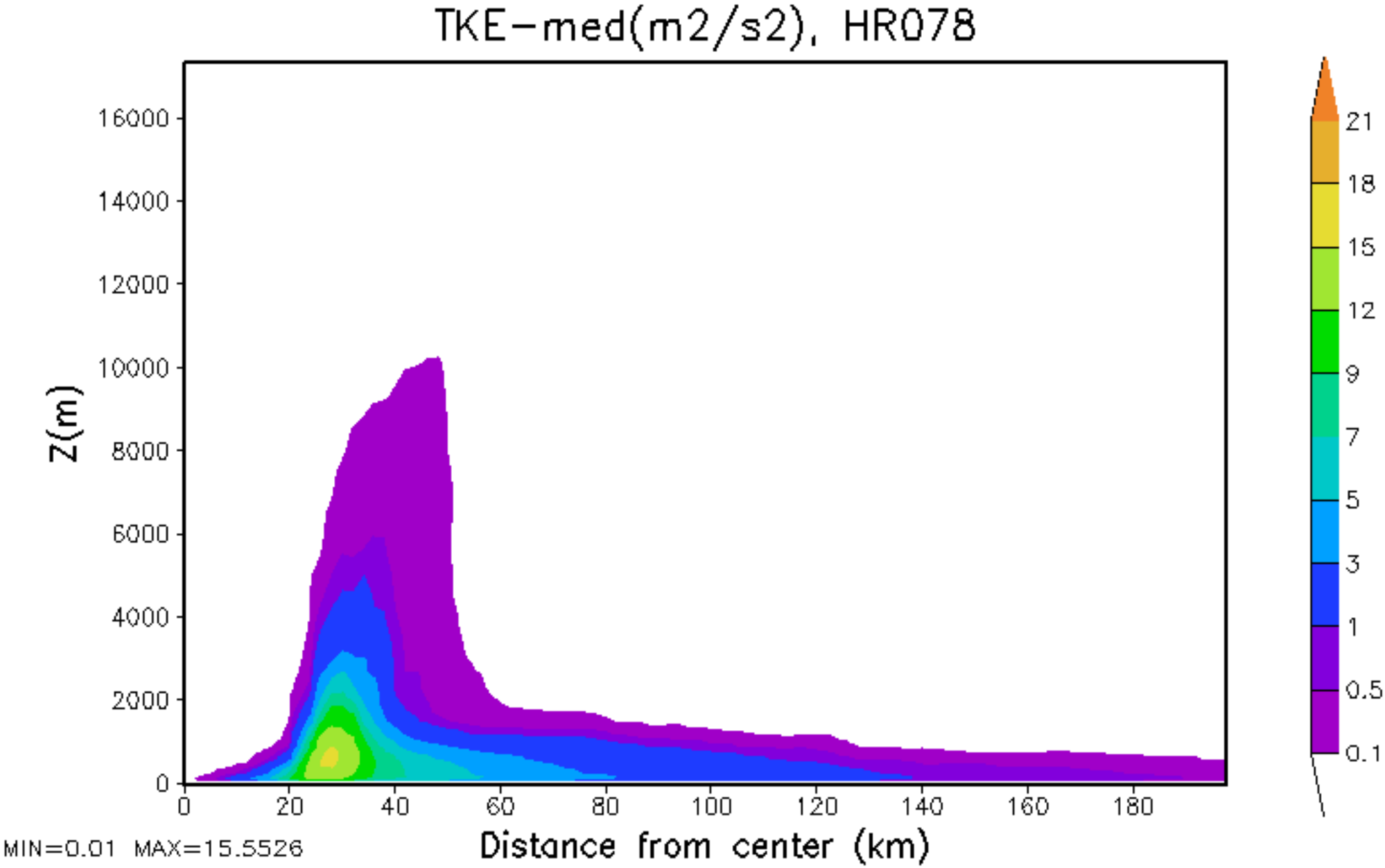
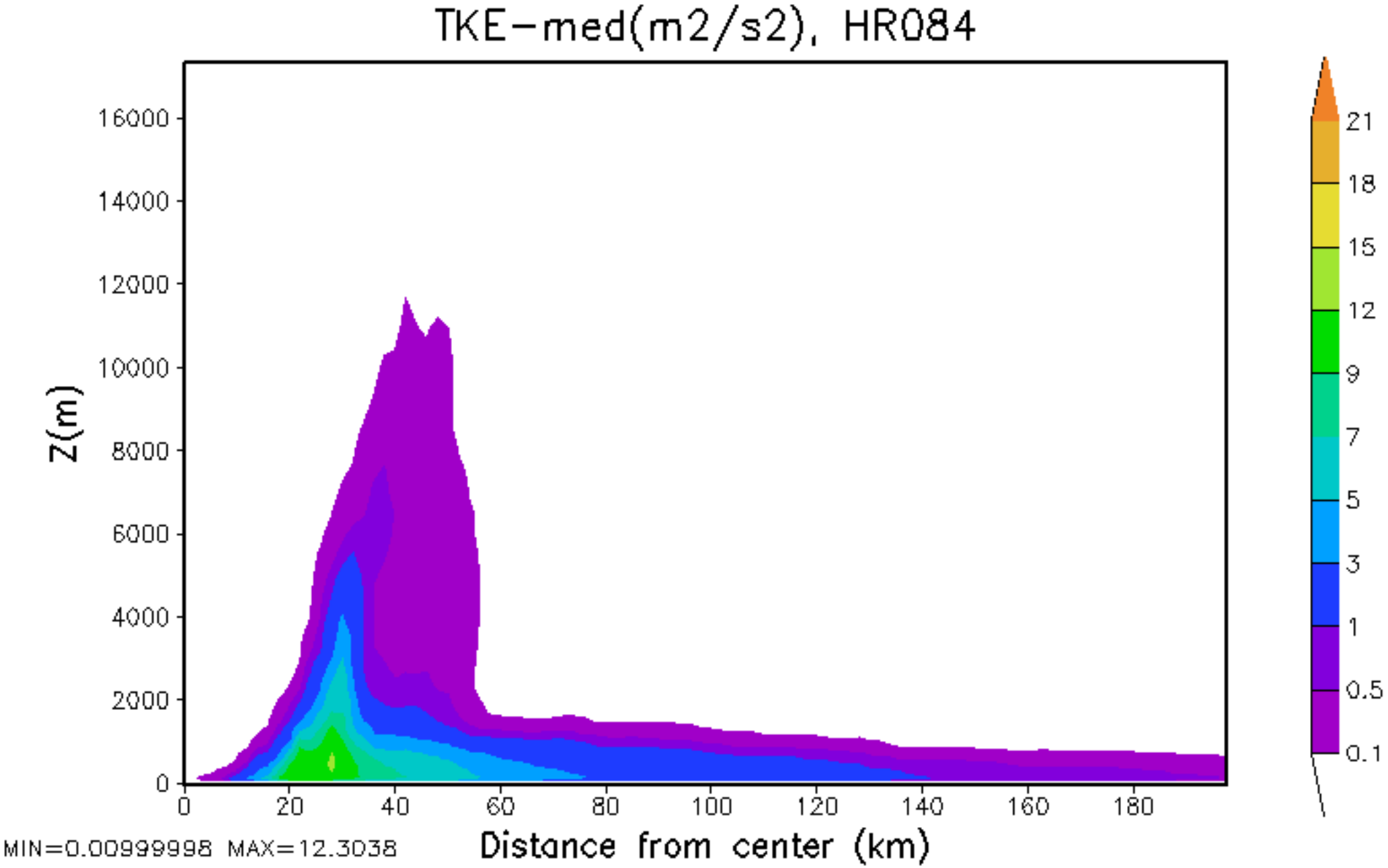
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.01 MAX=17.1228
21
18
15
12
9
7
5
3
1
0.5
0.1


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=12.3262
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=15.5526
21
18
15
12
9
7
5
3
1
0.5
0.1


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)
MIN=0.00999998 MAX=12.3038
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9
7
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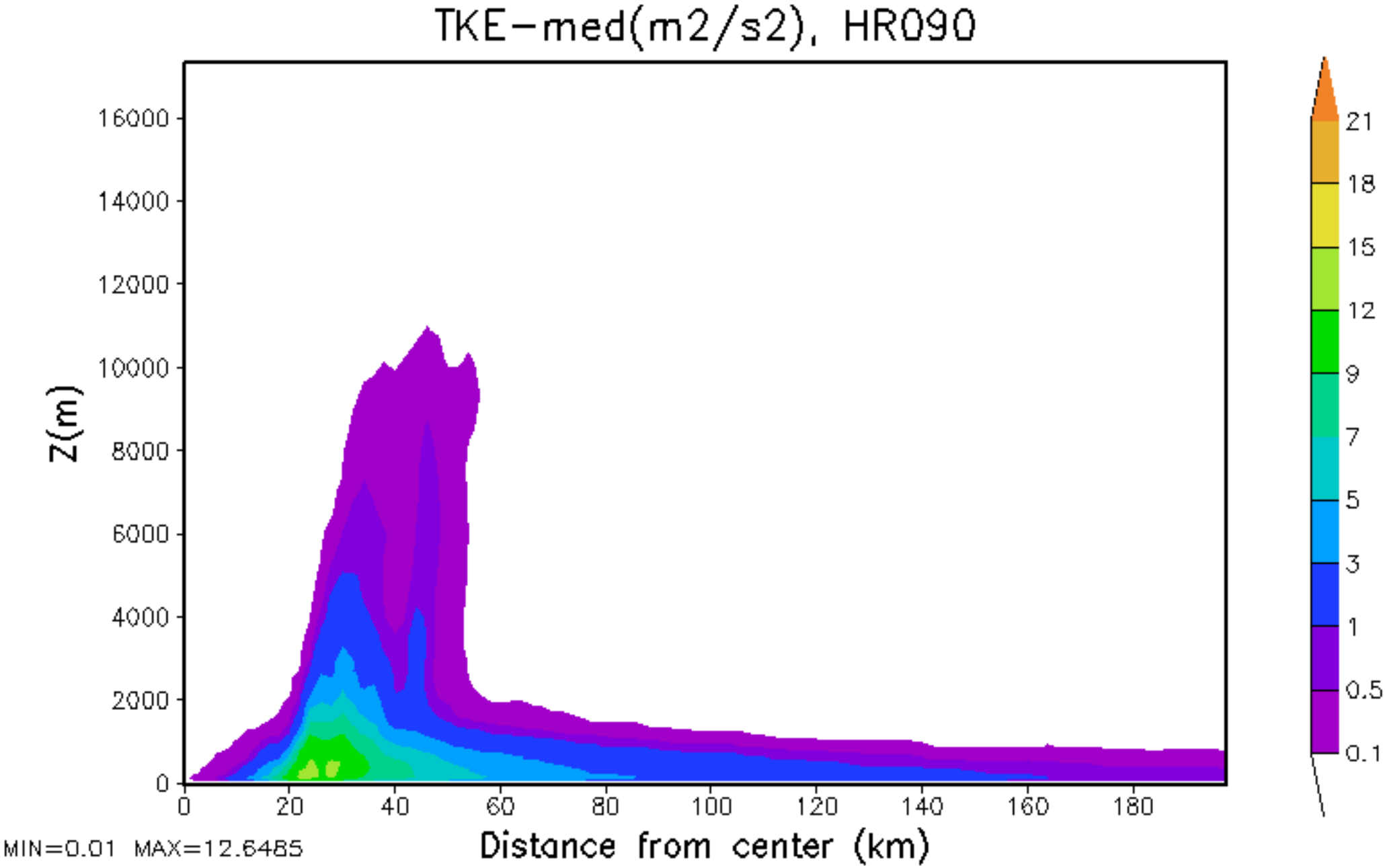
0.5
0.1


TKE-med(m2/s2), HR090
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=0.01 MAX=12.6485
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9
7
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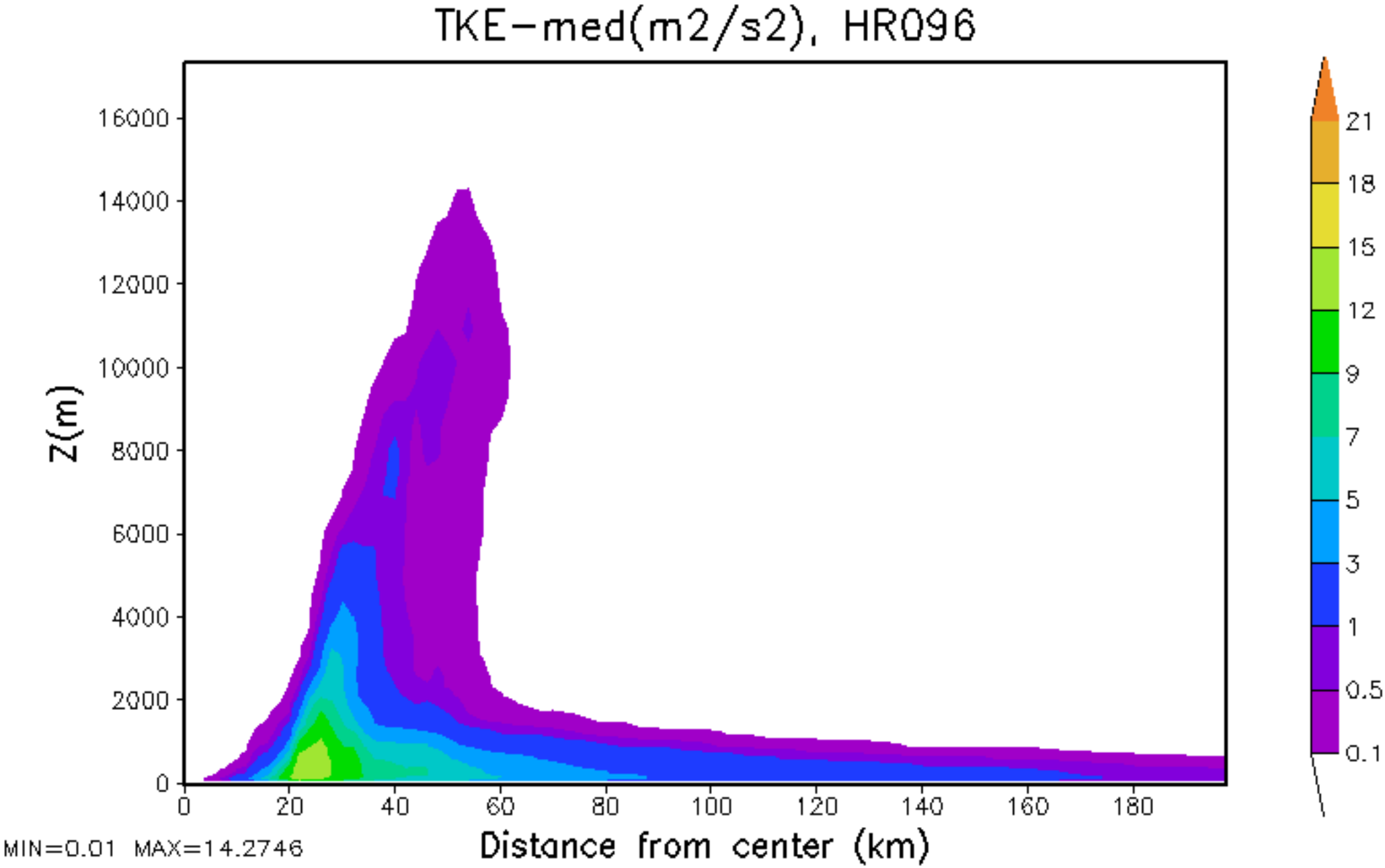
0.5
0.1


TKE-med(m2/s2), HR096
Z(m)
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10000
8000
6000
4000
2000
0
0
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60
80
100
120
140
160
180
Distance from center (km)
MIN=0.01 MAX=14.2746
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9
7
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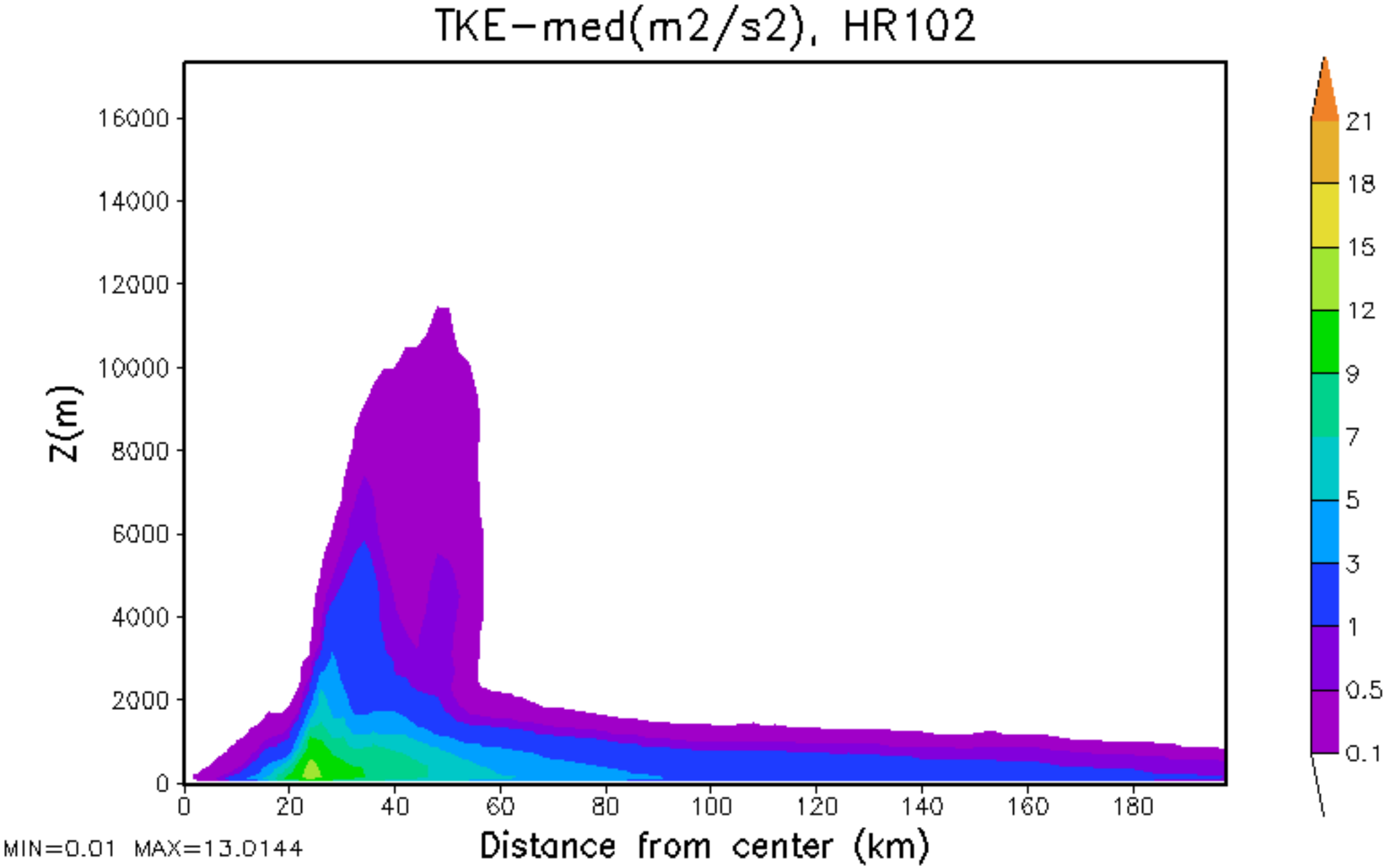
0.5
0.1


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=13.0144
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12
9
7
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3
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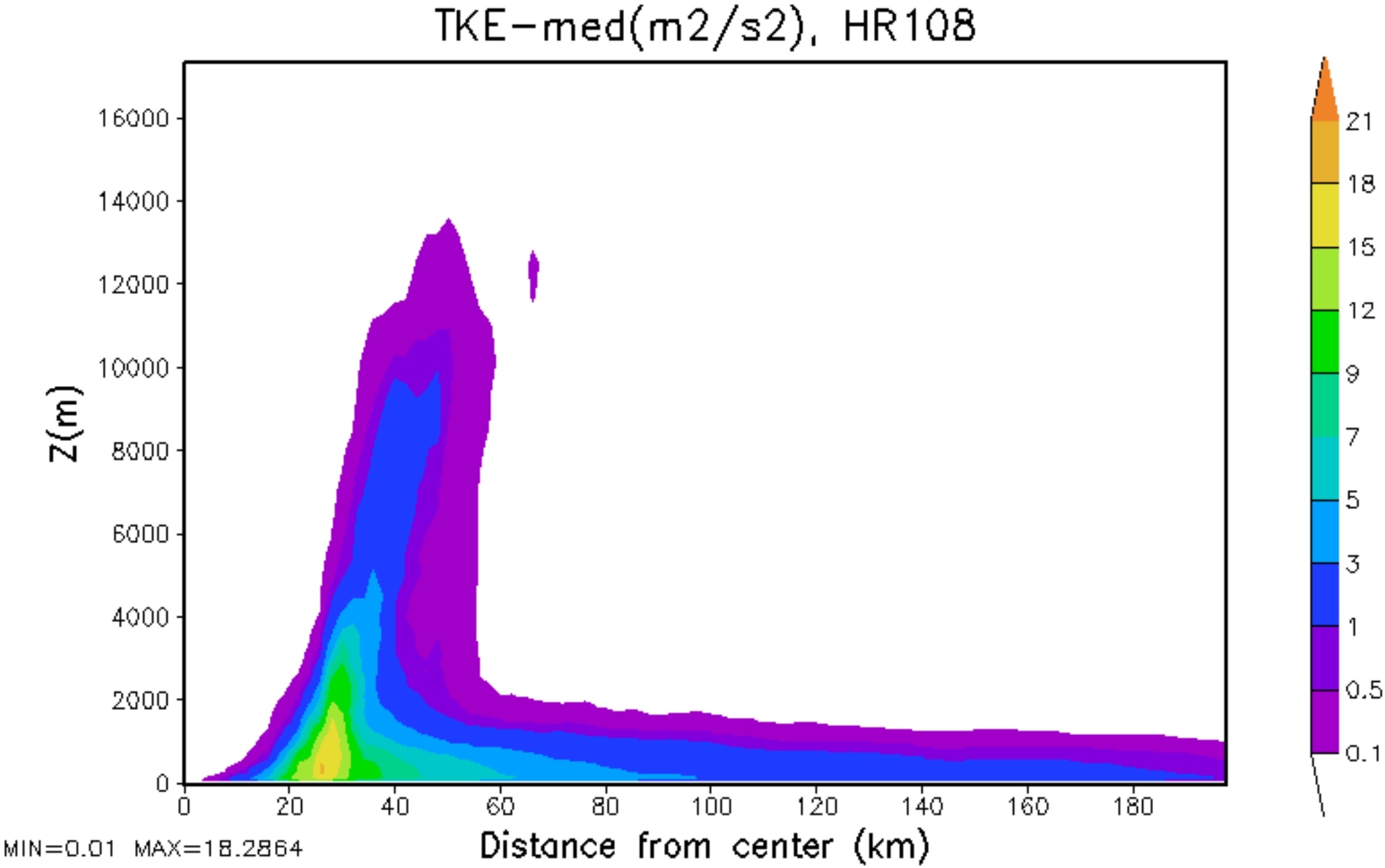
0.5
0.1


TKE-med(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)
MIN=0.01 MAX=18.2864
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9
7
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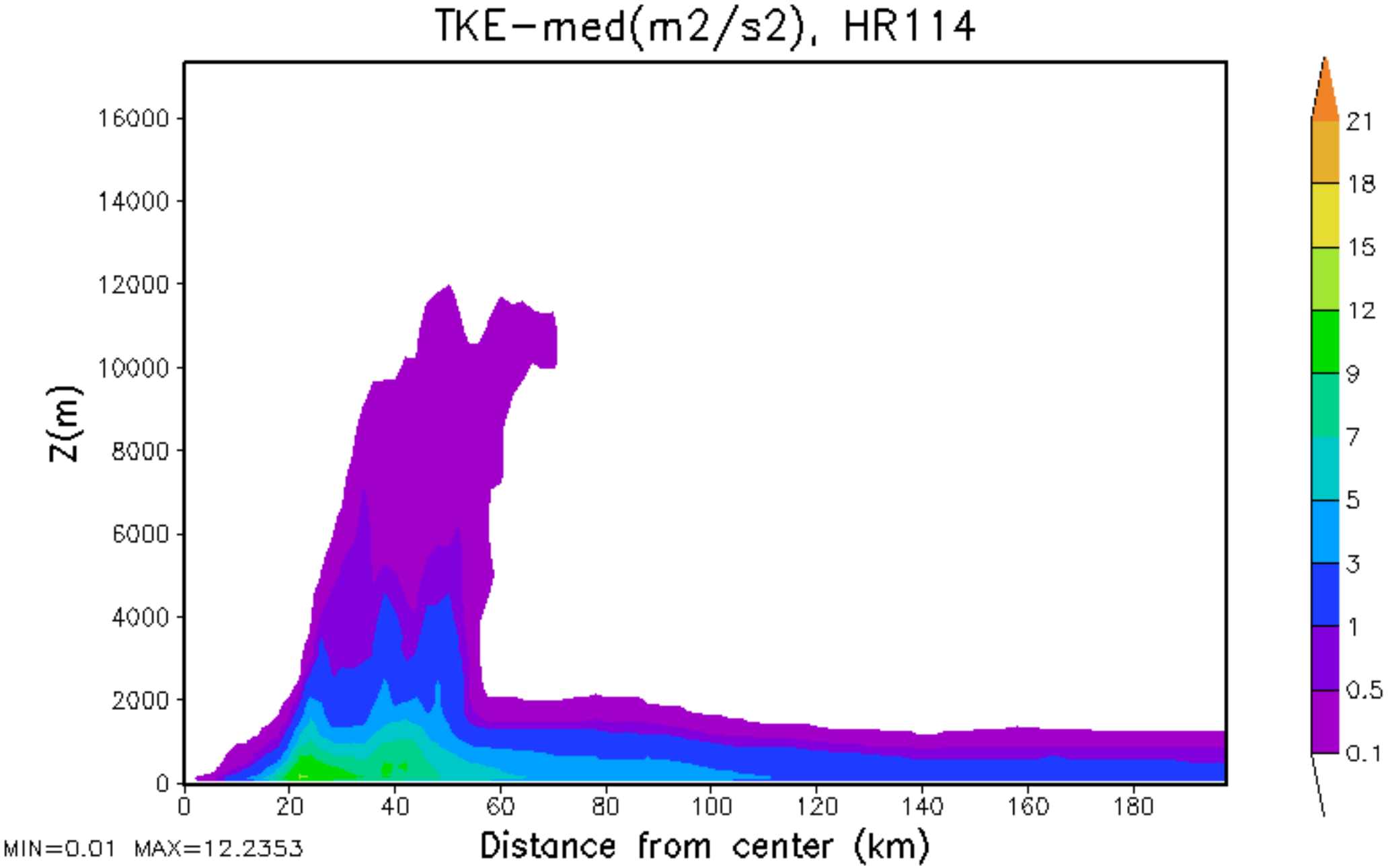
1
0.5
0.1


TKE-med(m2/s2), HR114
Z(m)
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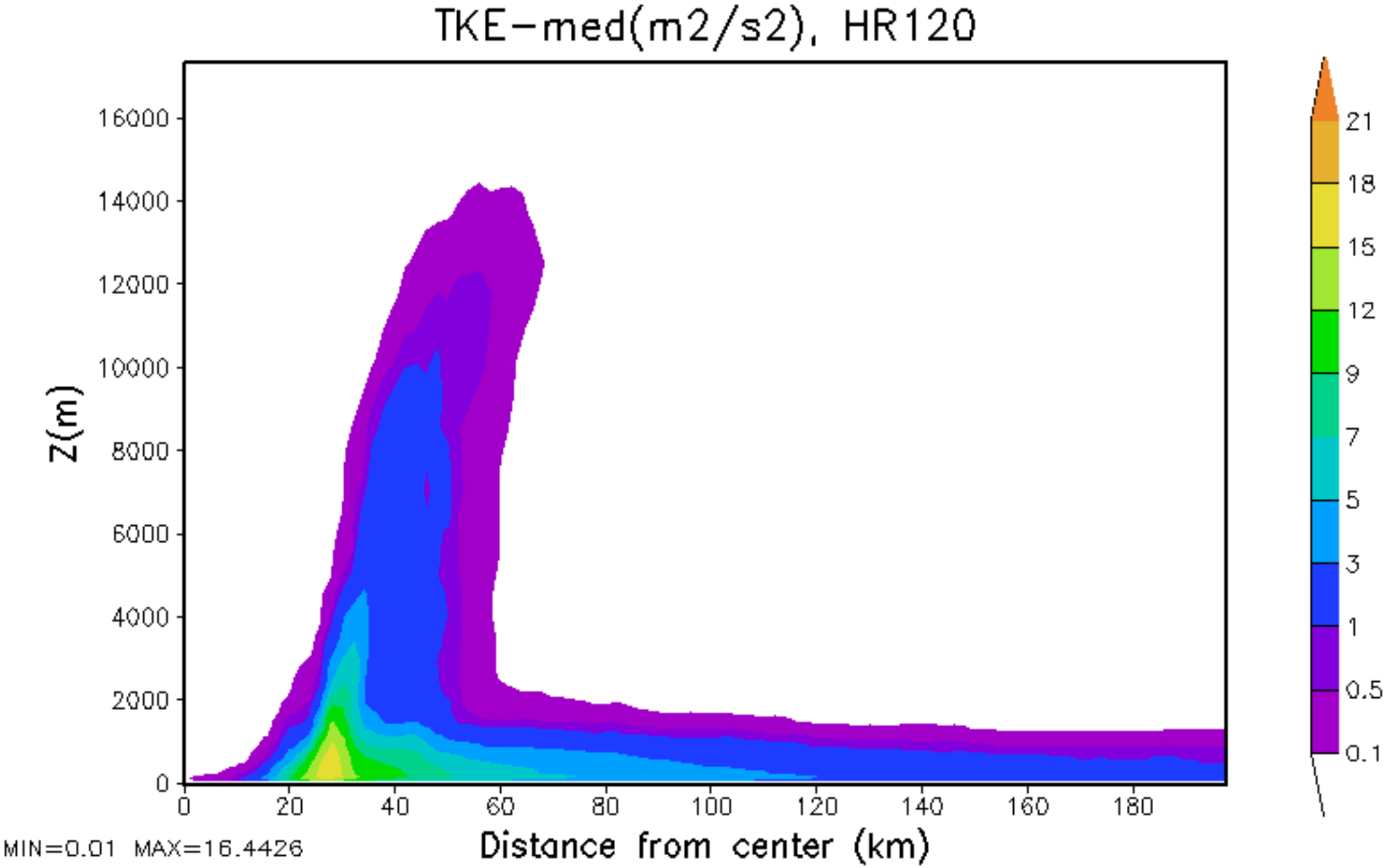
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.01 MAX=12.2353
21
18
15
12
9
7
5
3
1
0.5
0.1


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=16.4426
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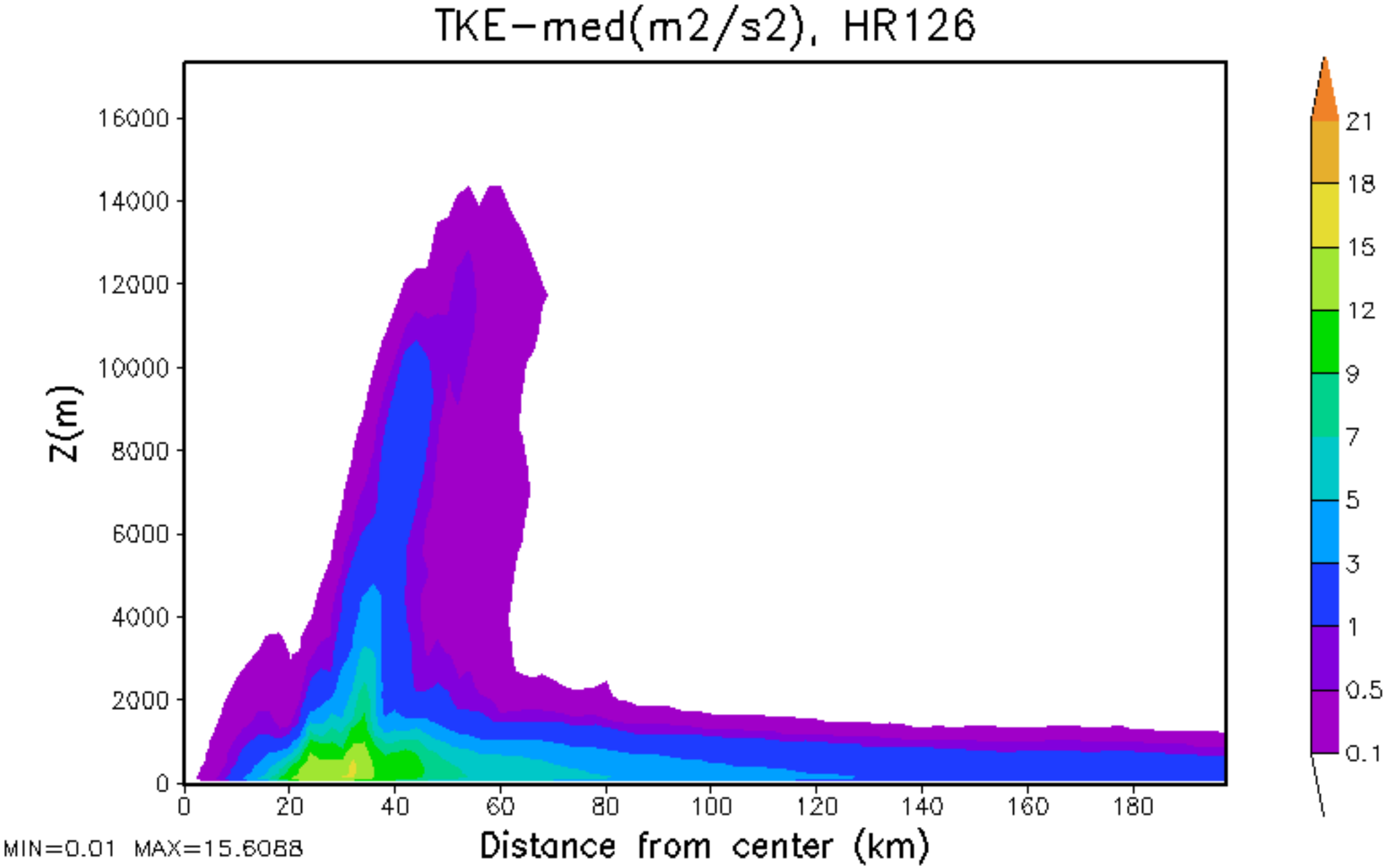
18
15
12
9
7
5
3
1
0.5
0.1


TKE-med(m2/s2), HR126
Z(m)
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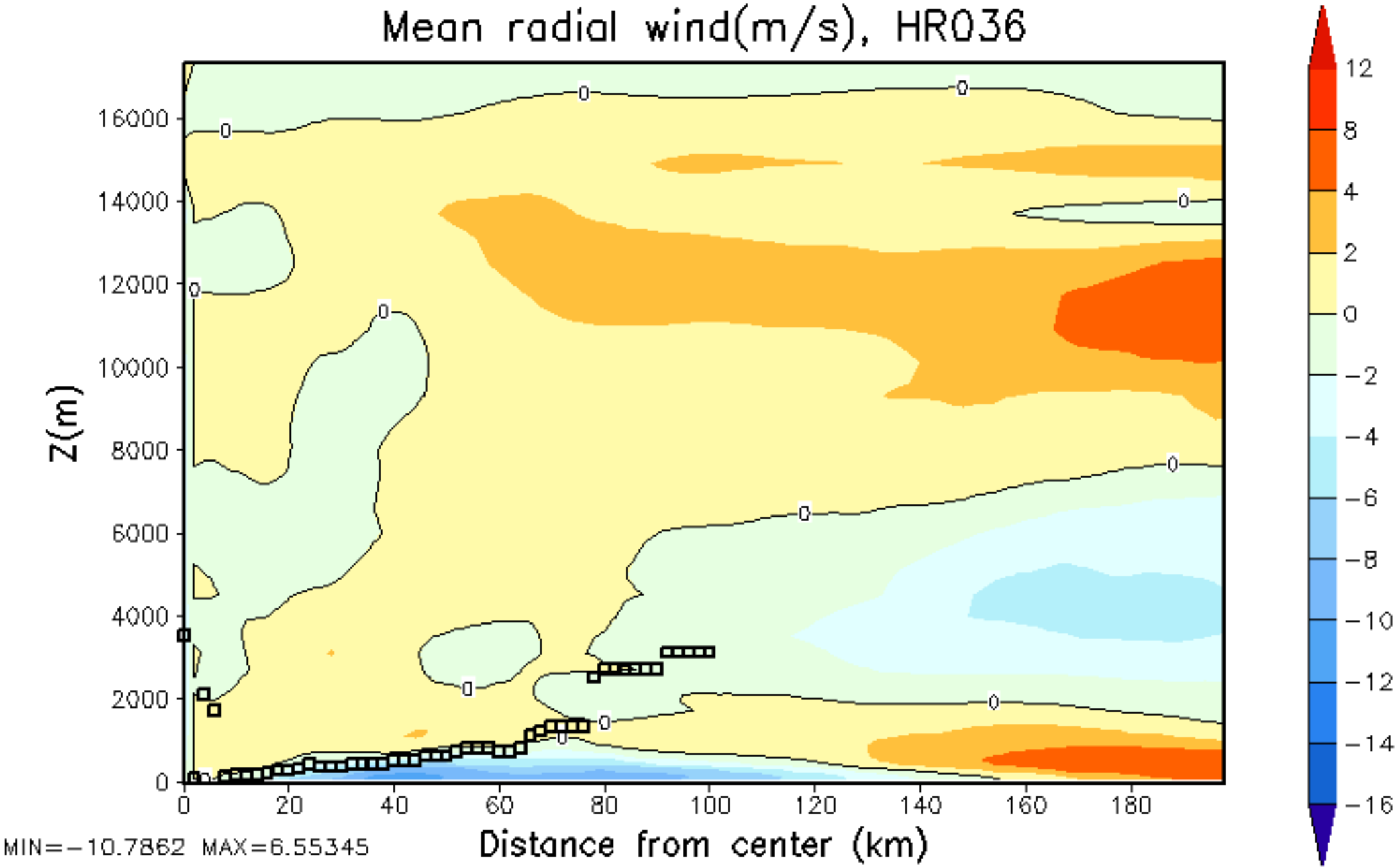
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=0.01 MAX=15.6088
21
18
15
12
9
7
5
3
1
0.5
0.1


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=−10.7862 MAX=6.55345
12
8
4
2
0
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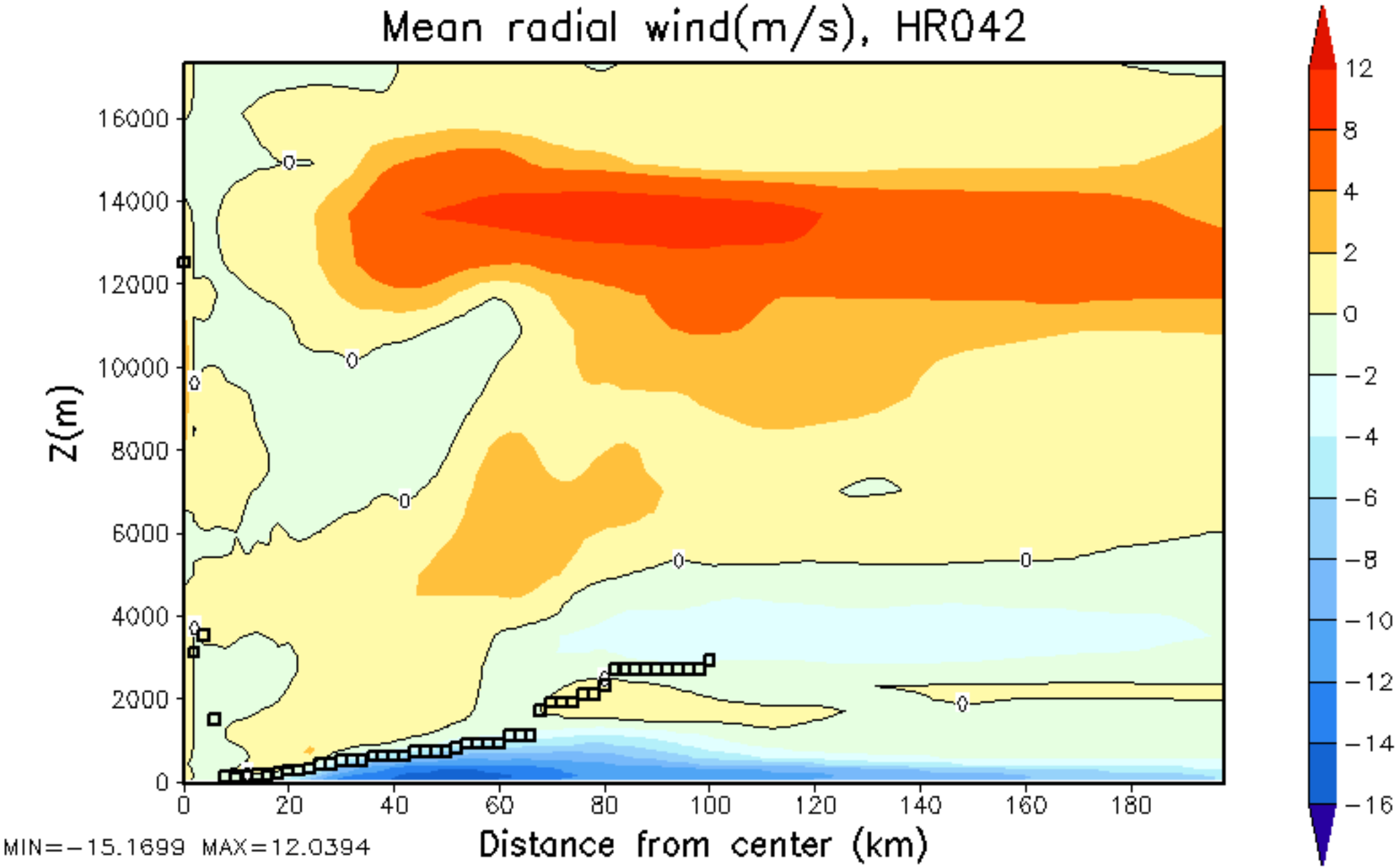
−4
−6
−8
−10
−12
−14
−16


Mean radial wind(m/s), HR042
Z(m)
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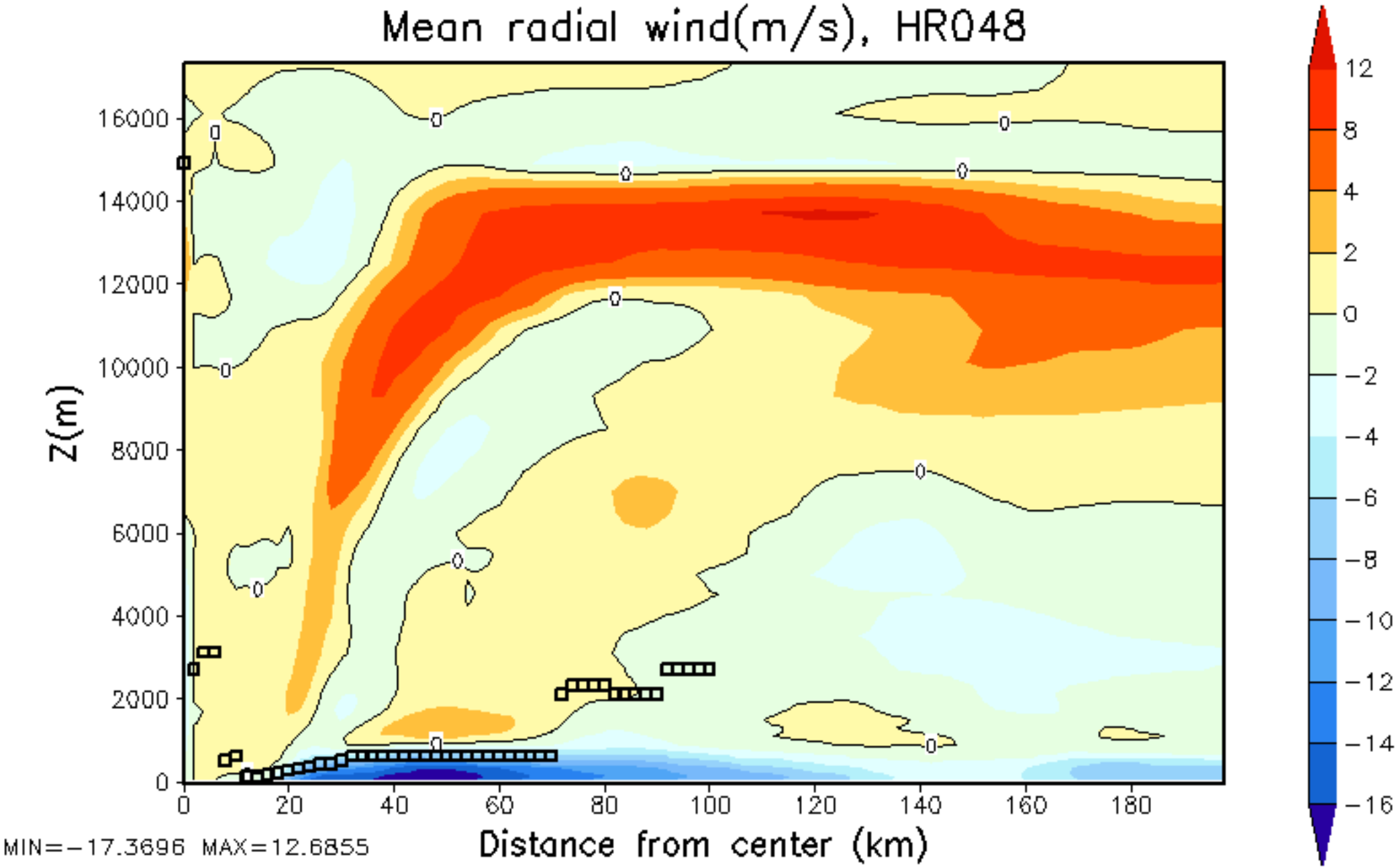
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-15.1699 MAX=12.0394
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


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=−17.3696 MAX=12.6855
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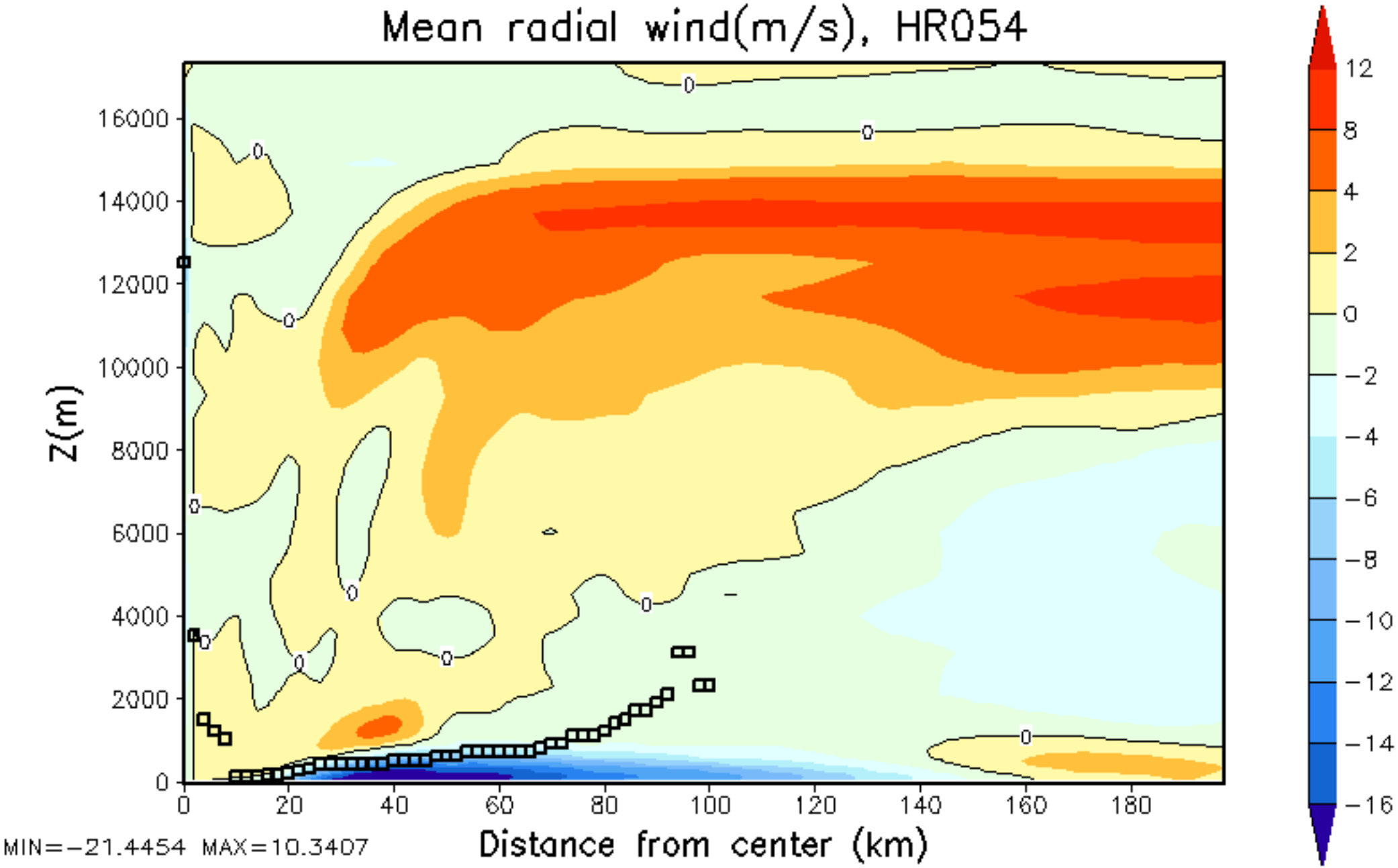
8
4
2
0
−2
−4
−6
−8
−10
−12
−14
−16


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=-21.4454 MAX=10.3407
12
8
4
2
0
-2
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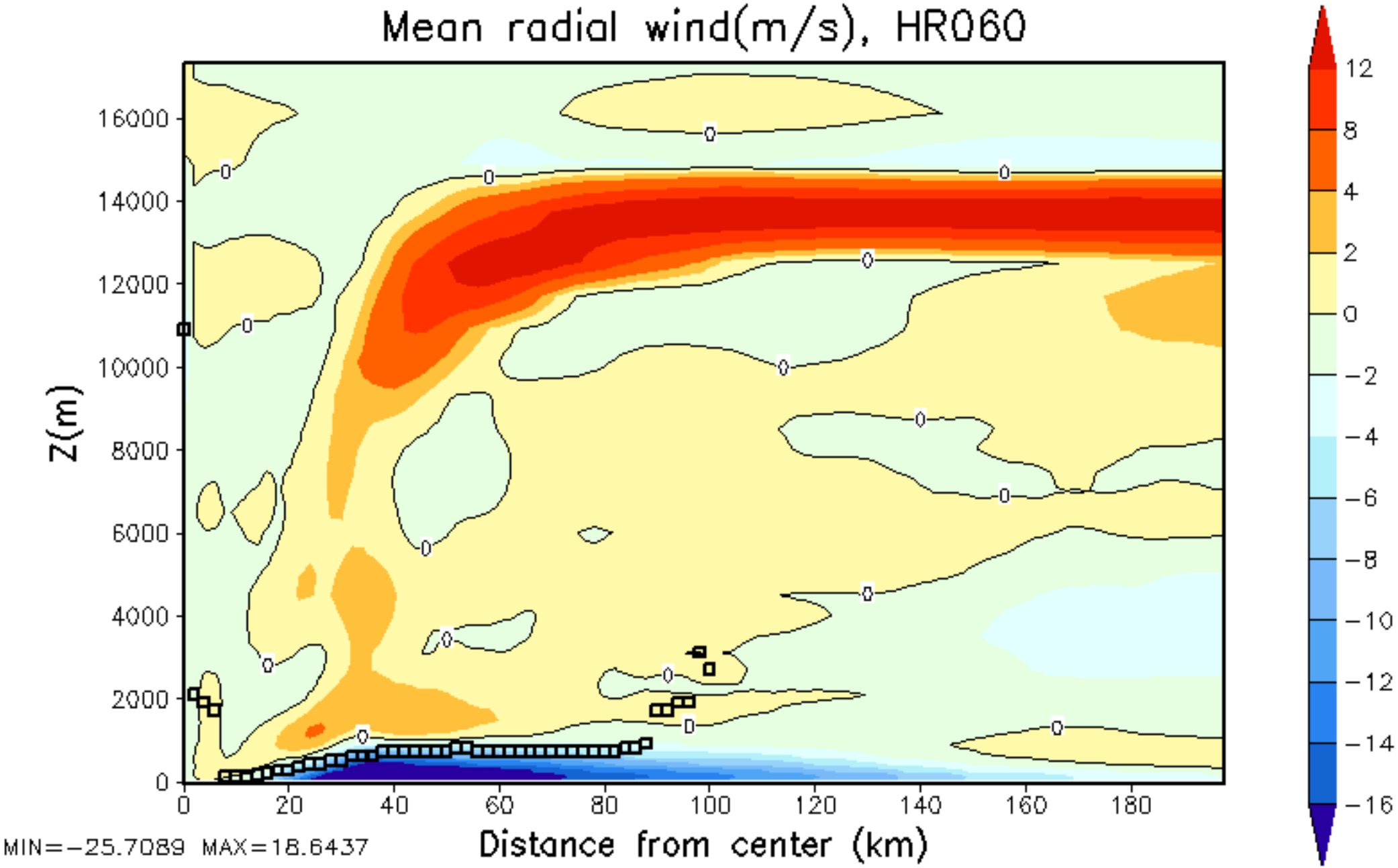
-6
-8
-10
-12
-14
-16


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=-25.7089 MAX=18.6437
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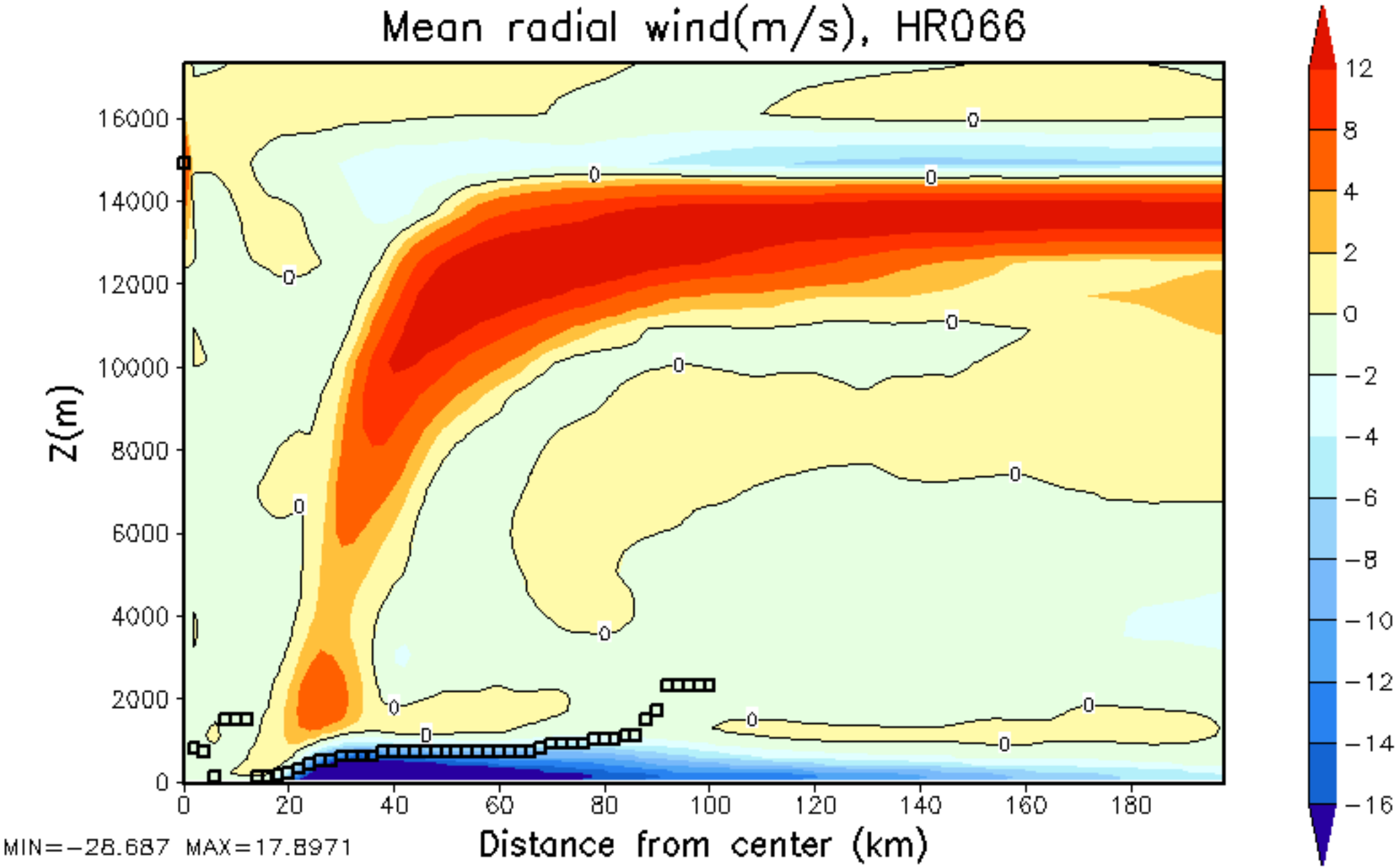
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


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=-28.687 MAX=17.8971
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8
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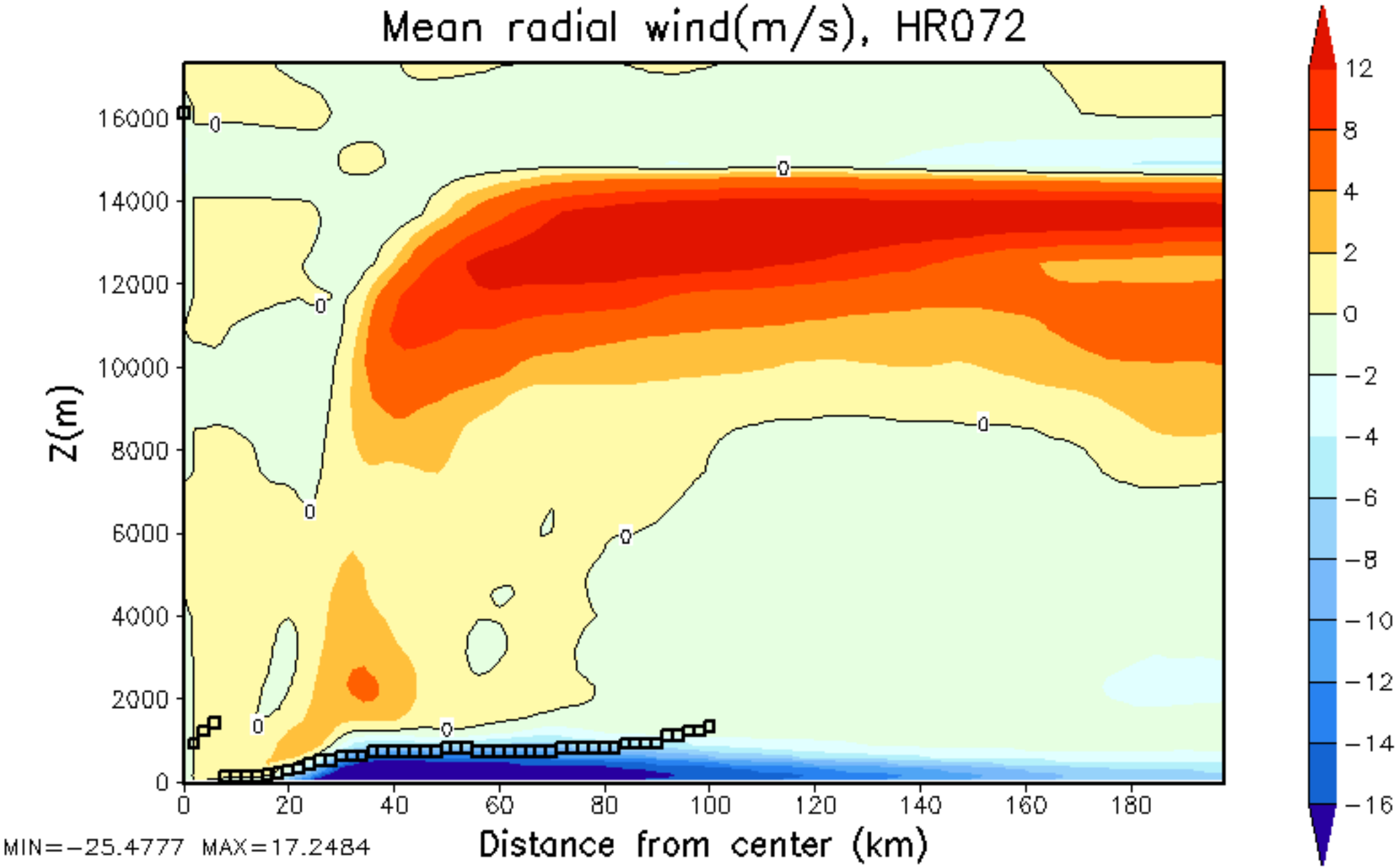
2
0
-2
-4
-6
-8
-10
-12
-14
-16


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=-25.4777 MAX=17.2484
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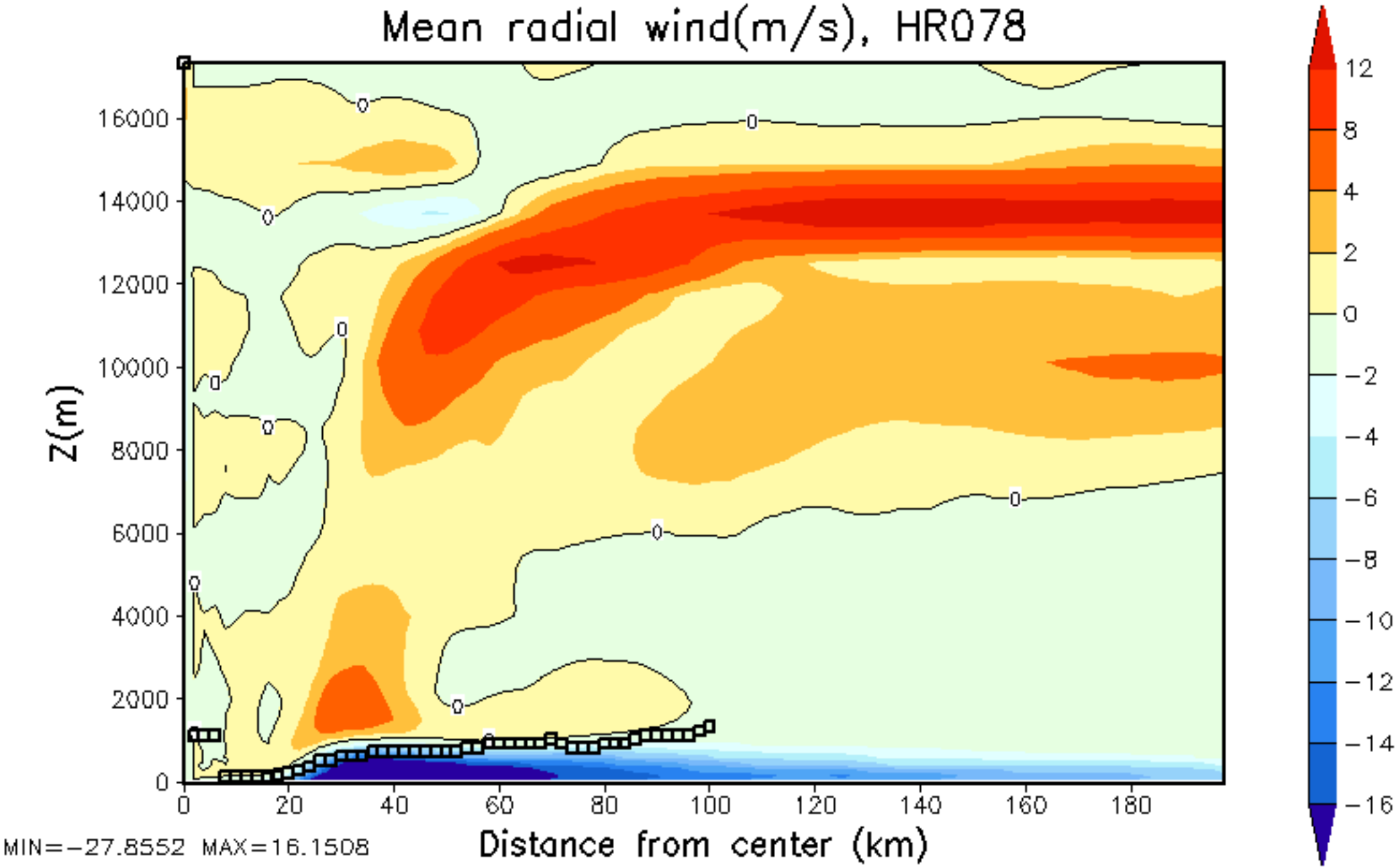
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16


Mean radial wind(m/s), HR078
Z(m)
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12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-27.8552 MAX=16.1508
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8
4
2
0
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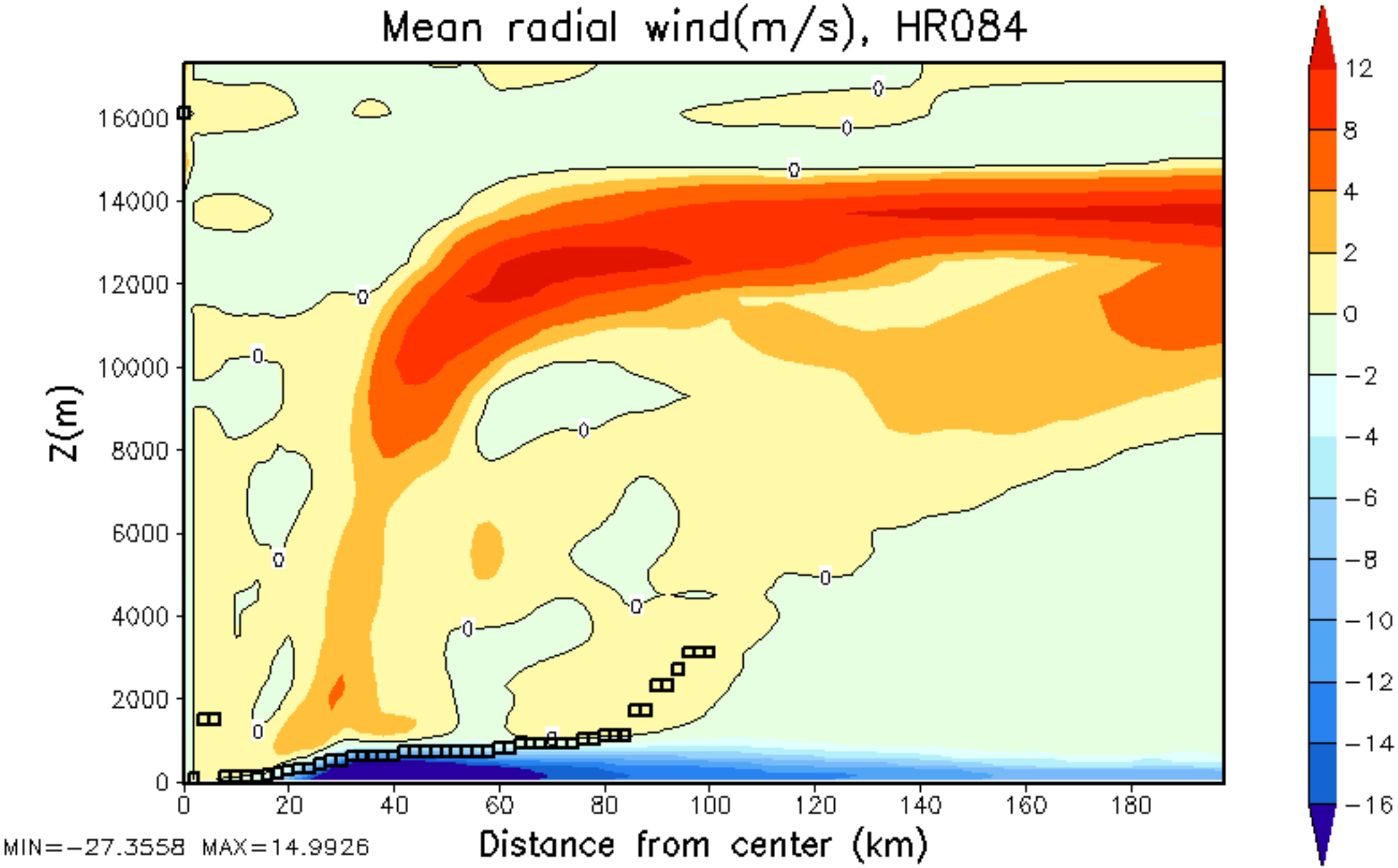
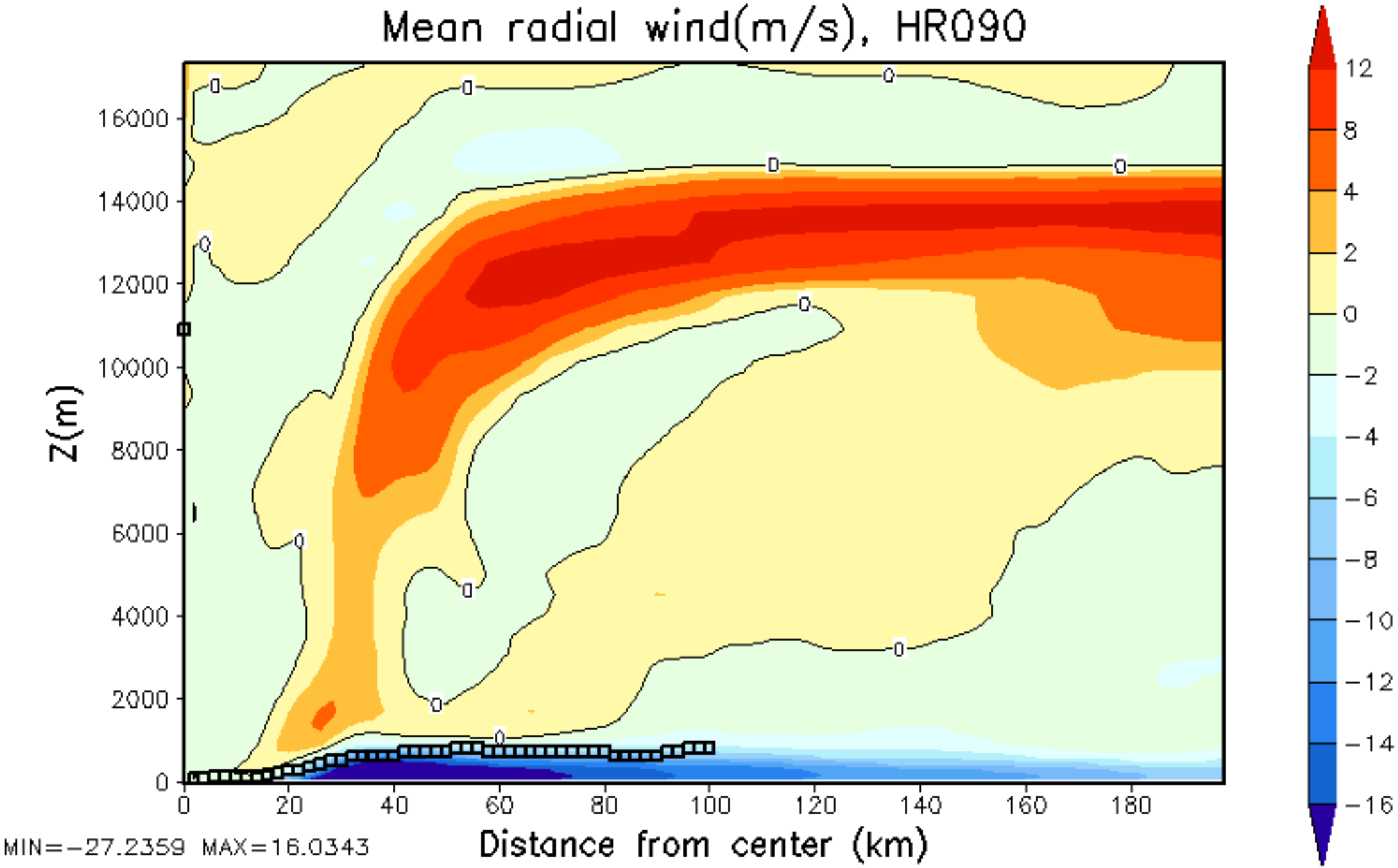
-4
-6
-8
-10
-12
-14
-16


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=-27.3558 MAX=14.9926
12
8
4
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=-27.2359 MAX=16.0343
12
8
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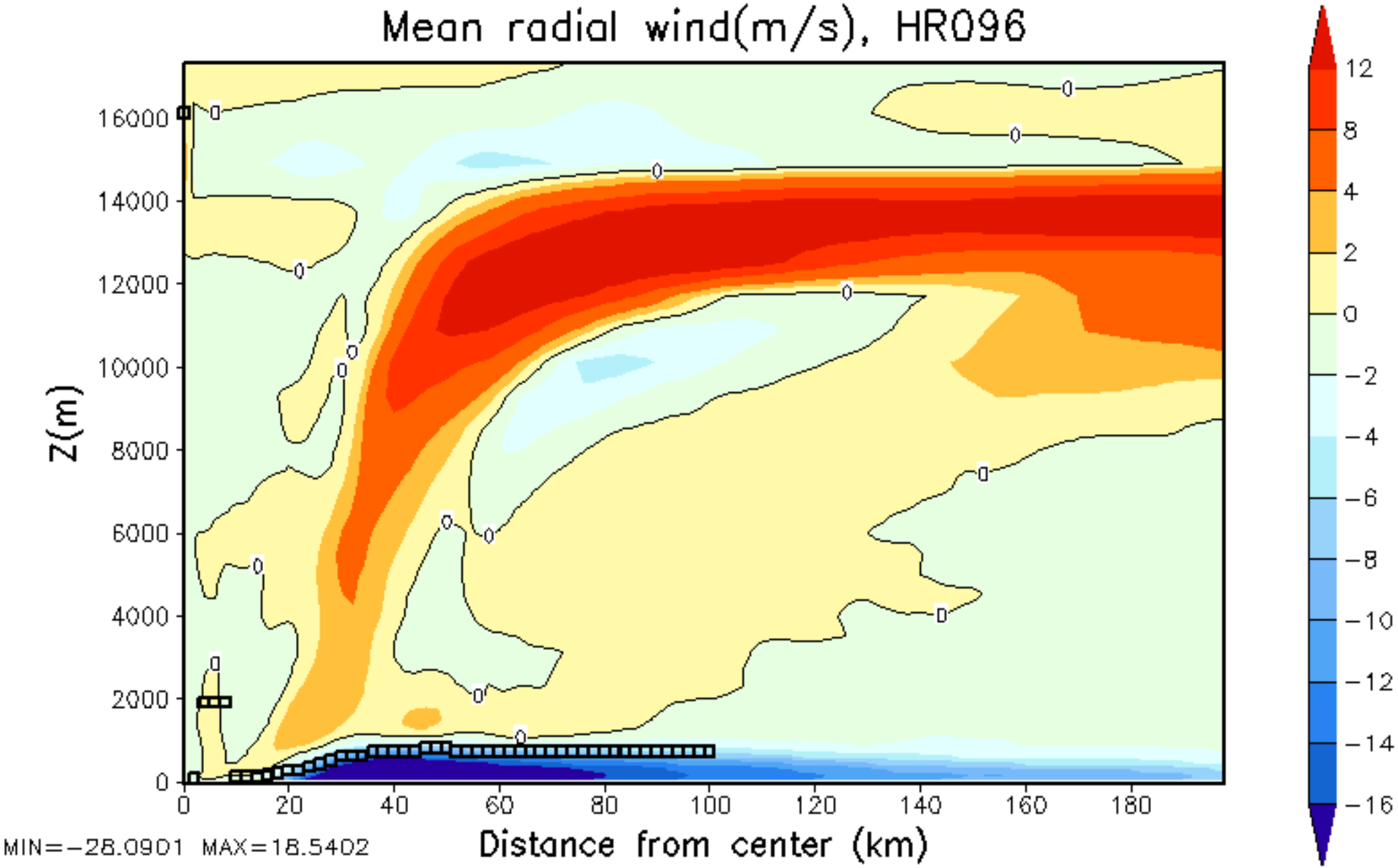
2
0
-2
-4
-6
-8
-10
-12
-14
-16


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=-28.0901 MAX=18.5402
12
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2
0
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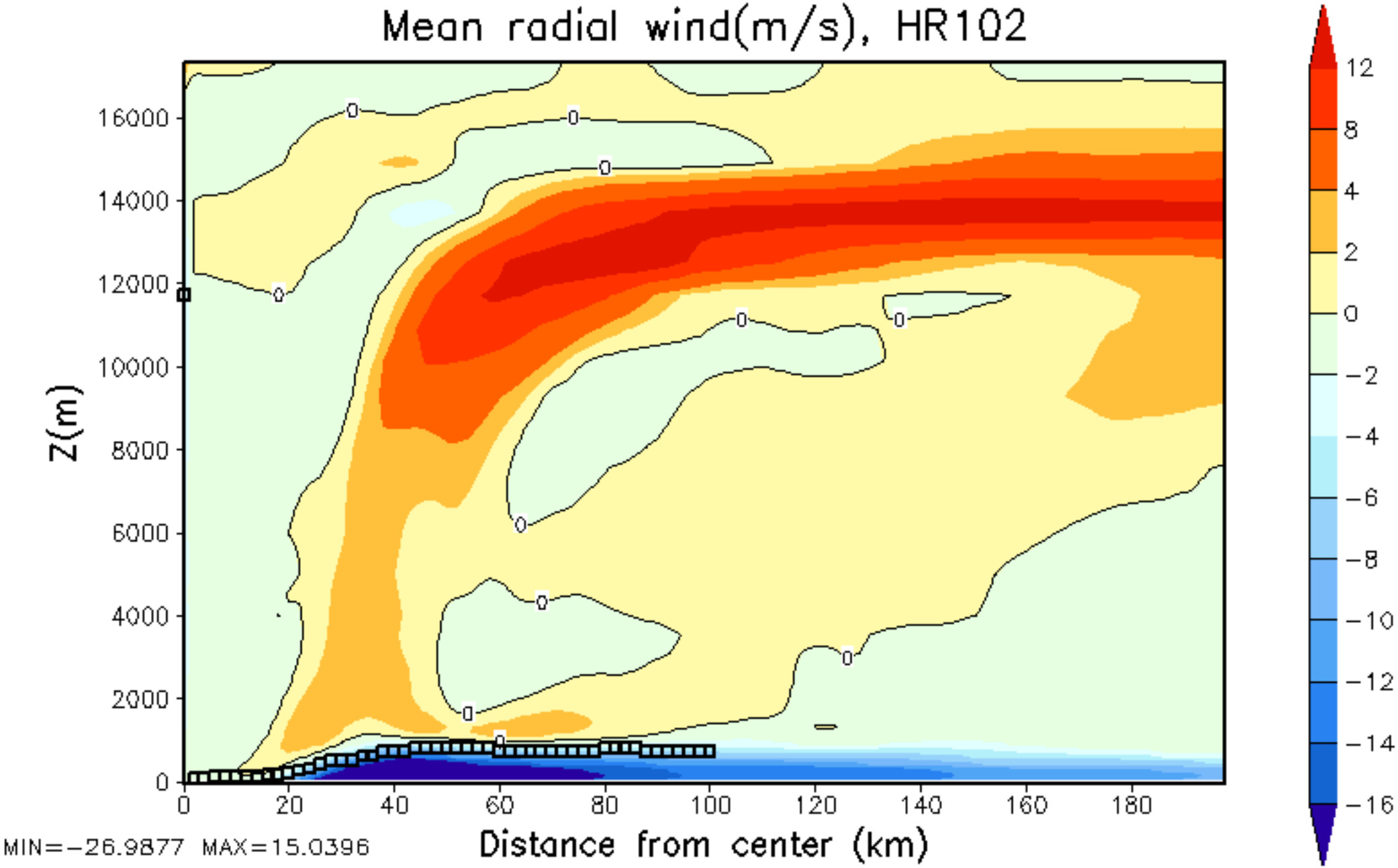
-6
-8
-10
-12
-14
-16


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=-26.9877 MAX=15.0396
12
8
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2
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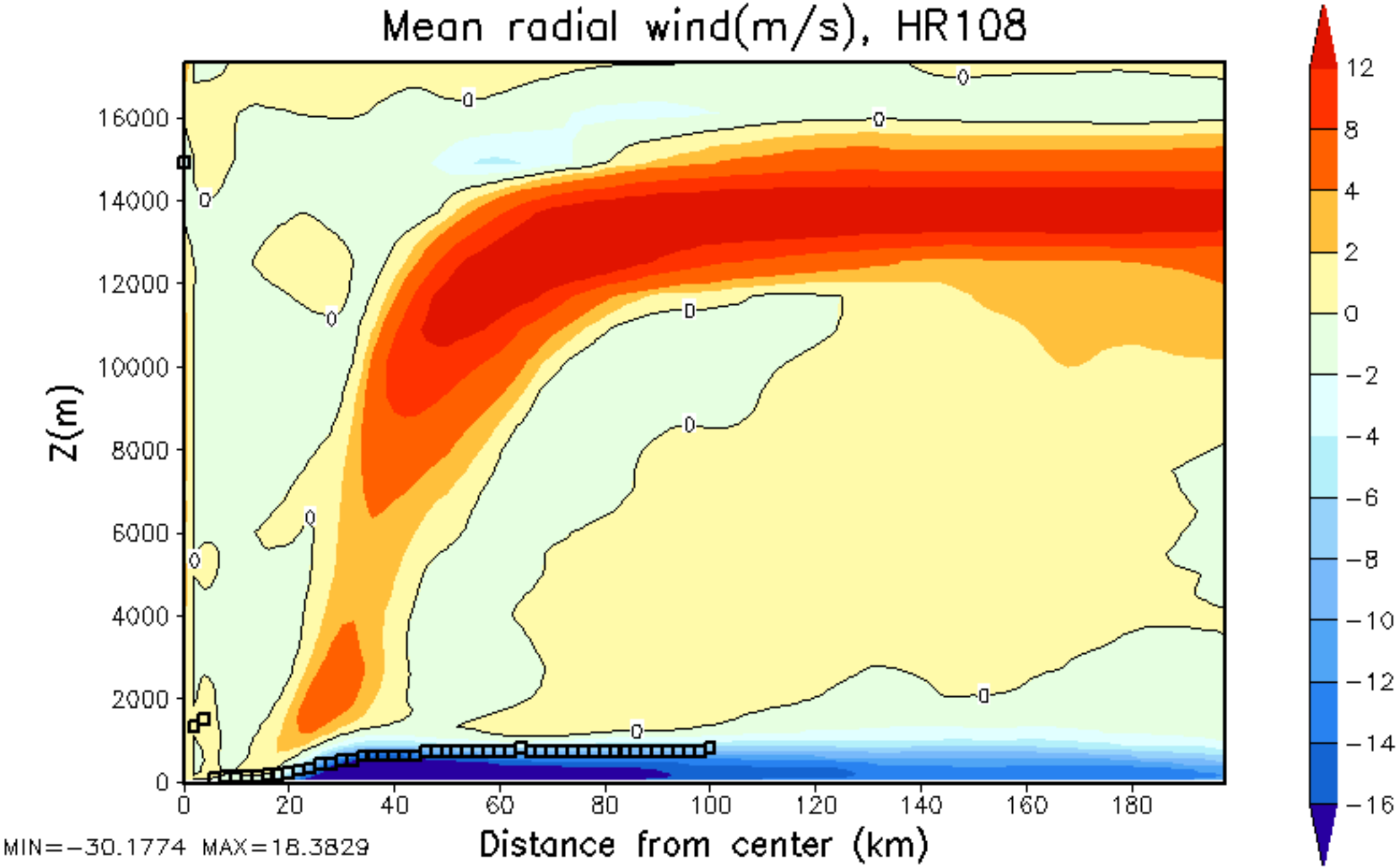
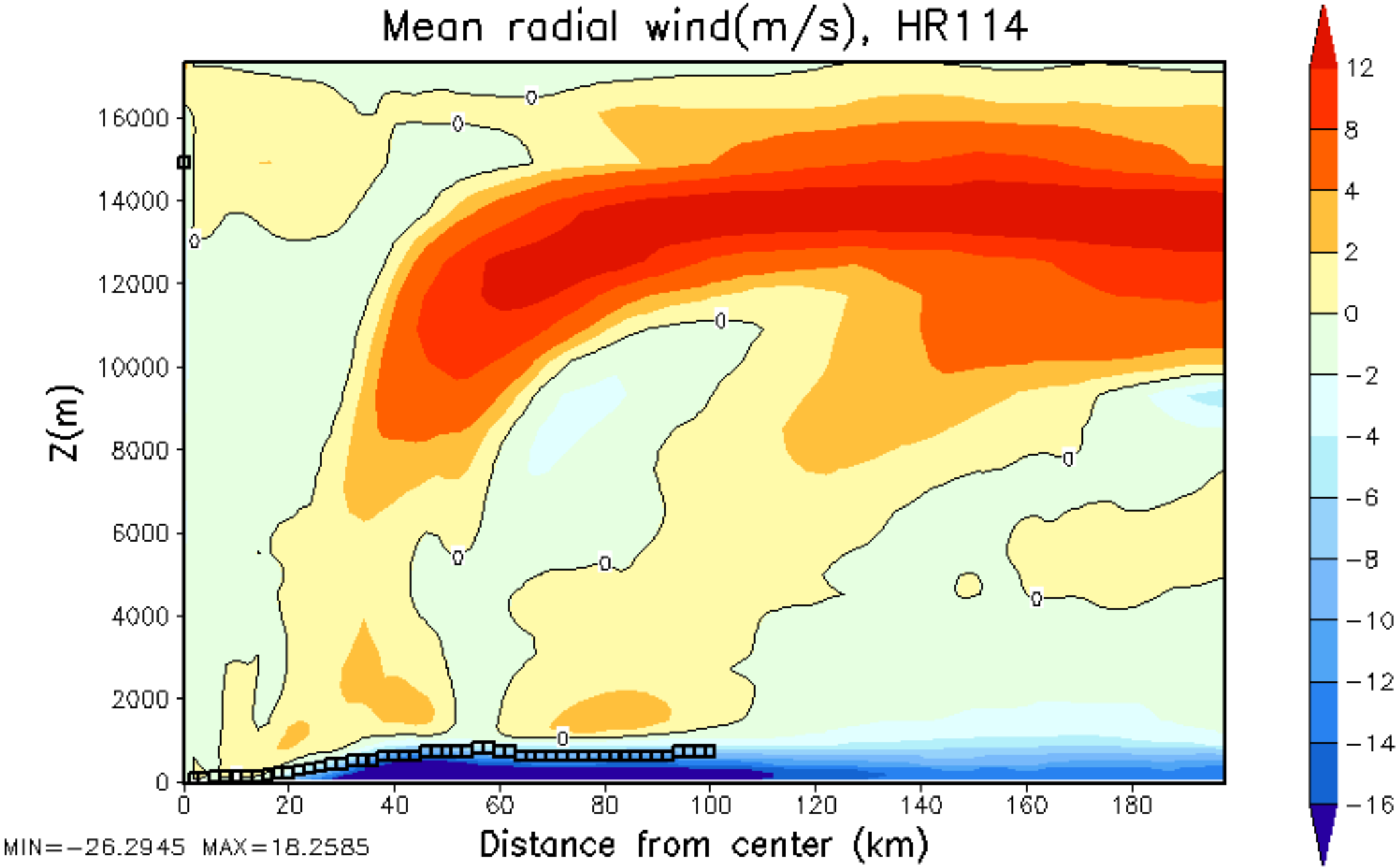
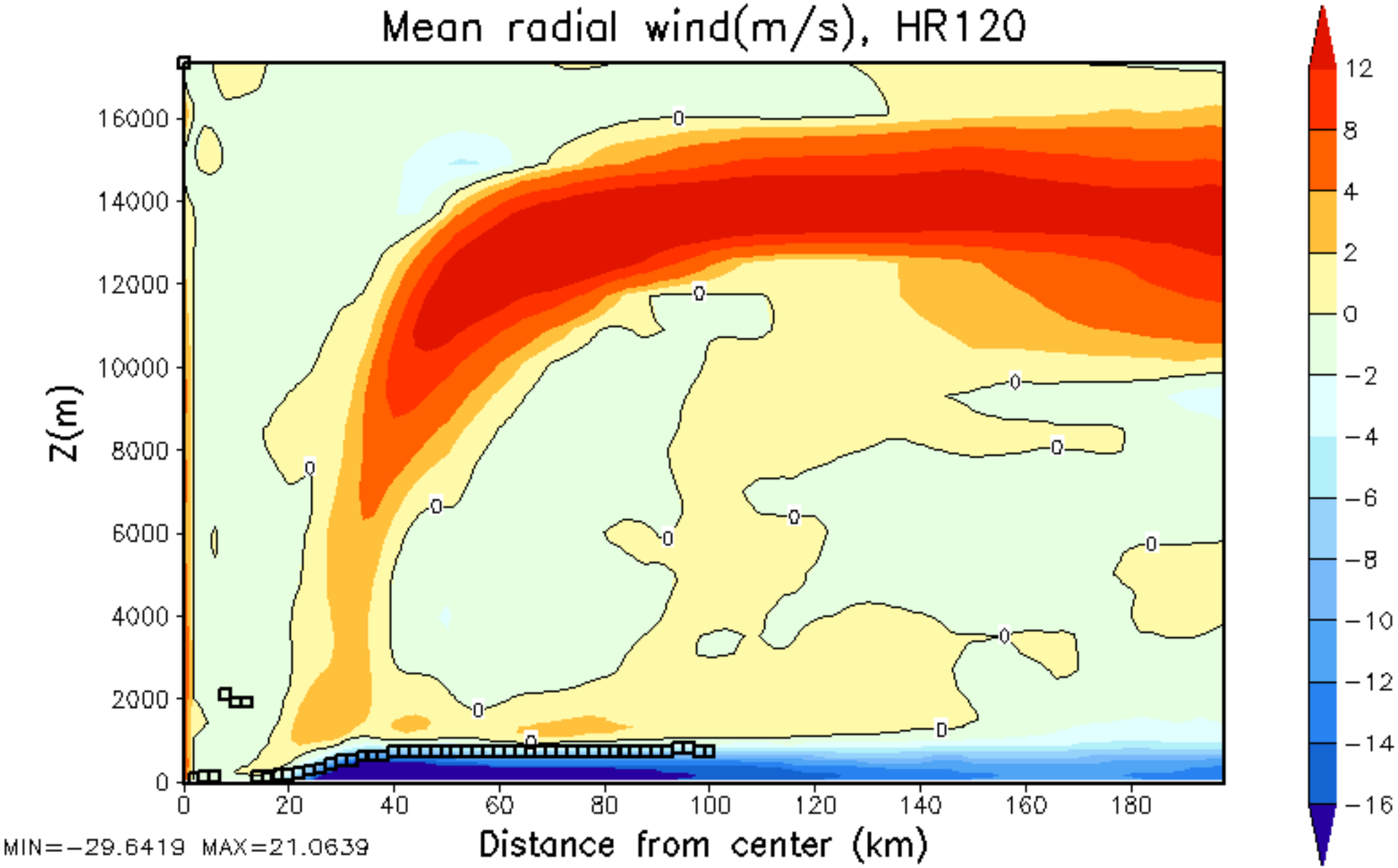
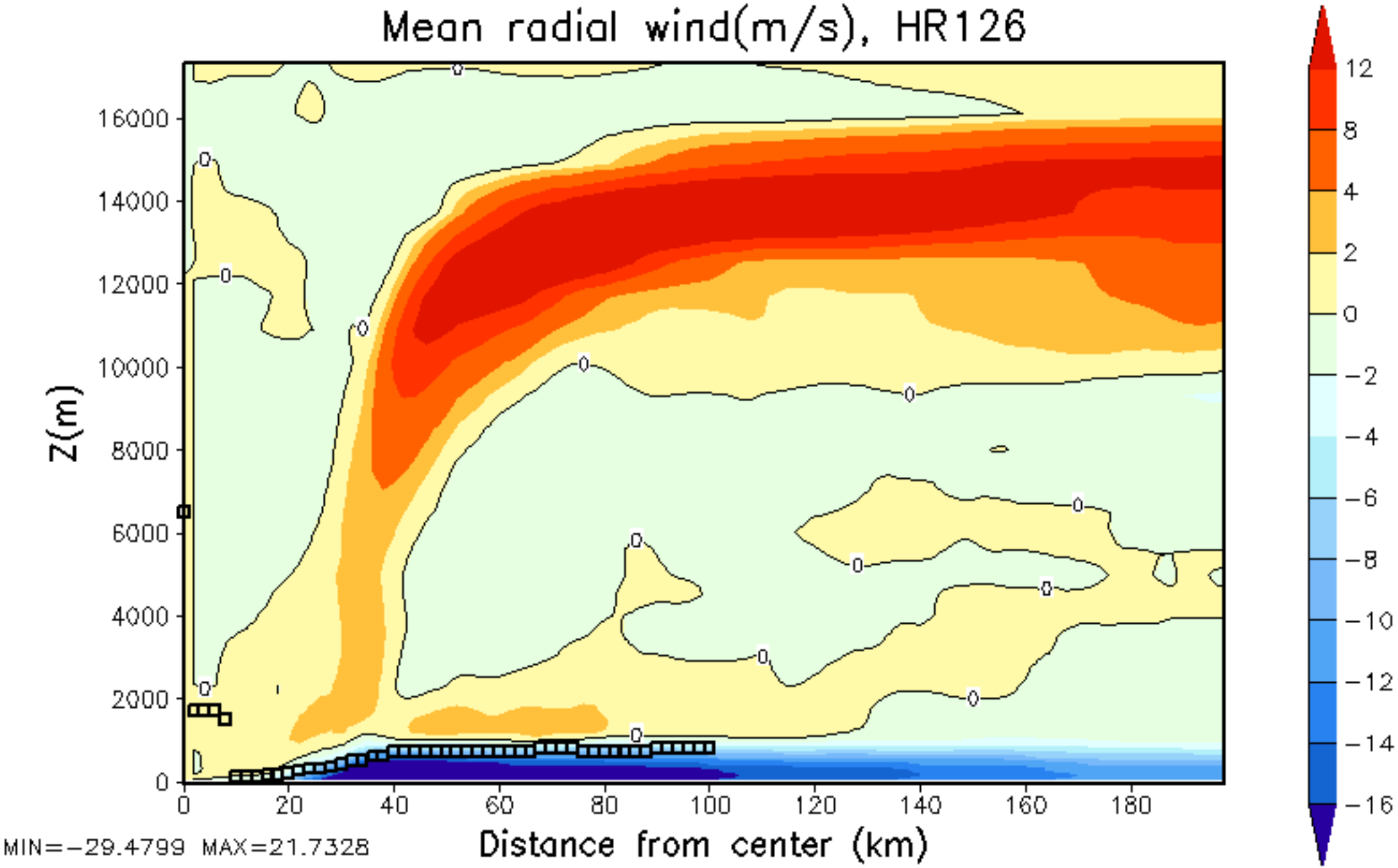
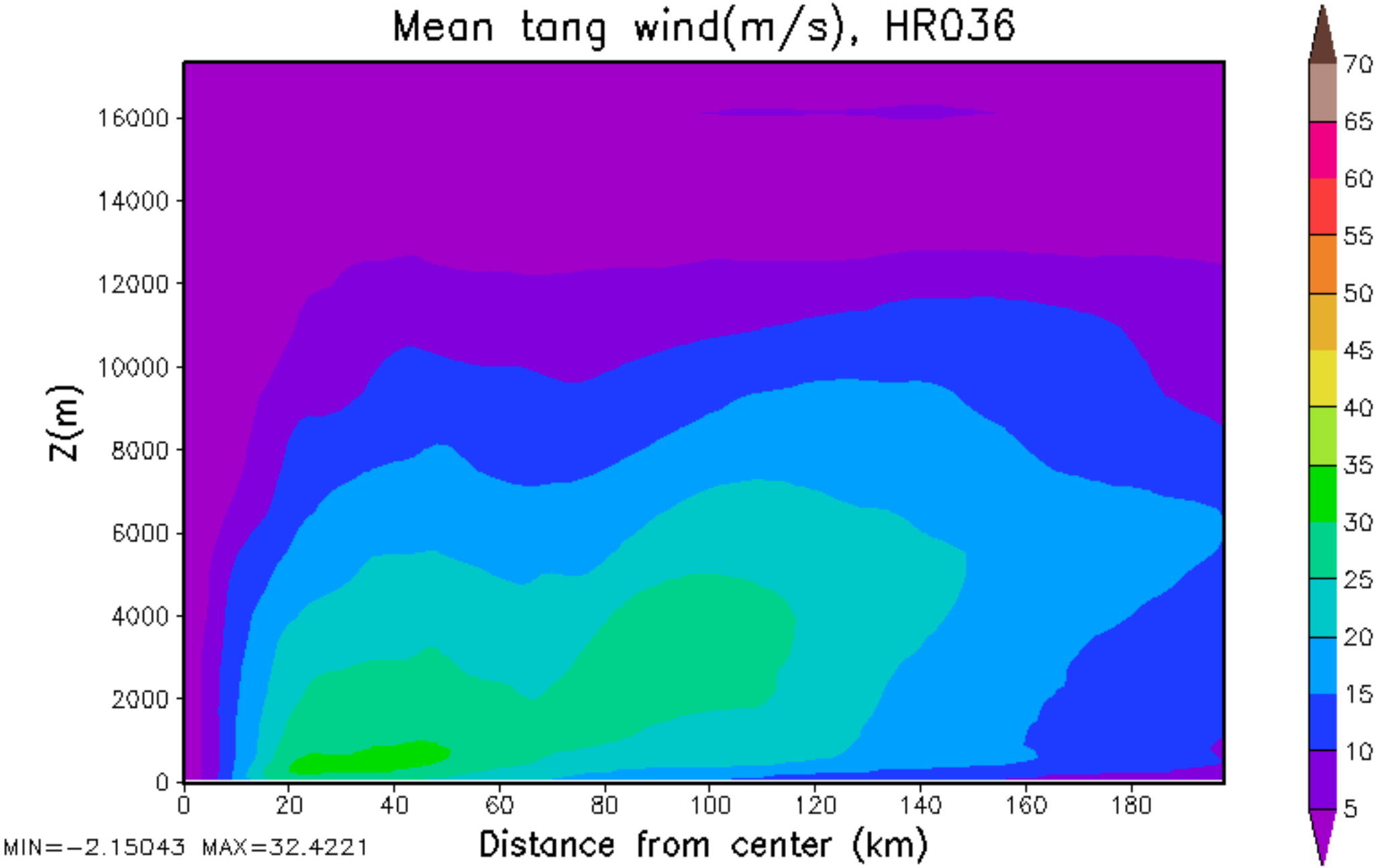
-2
-4
-6
-8
-10
-12
-14
-16

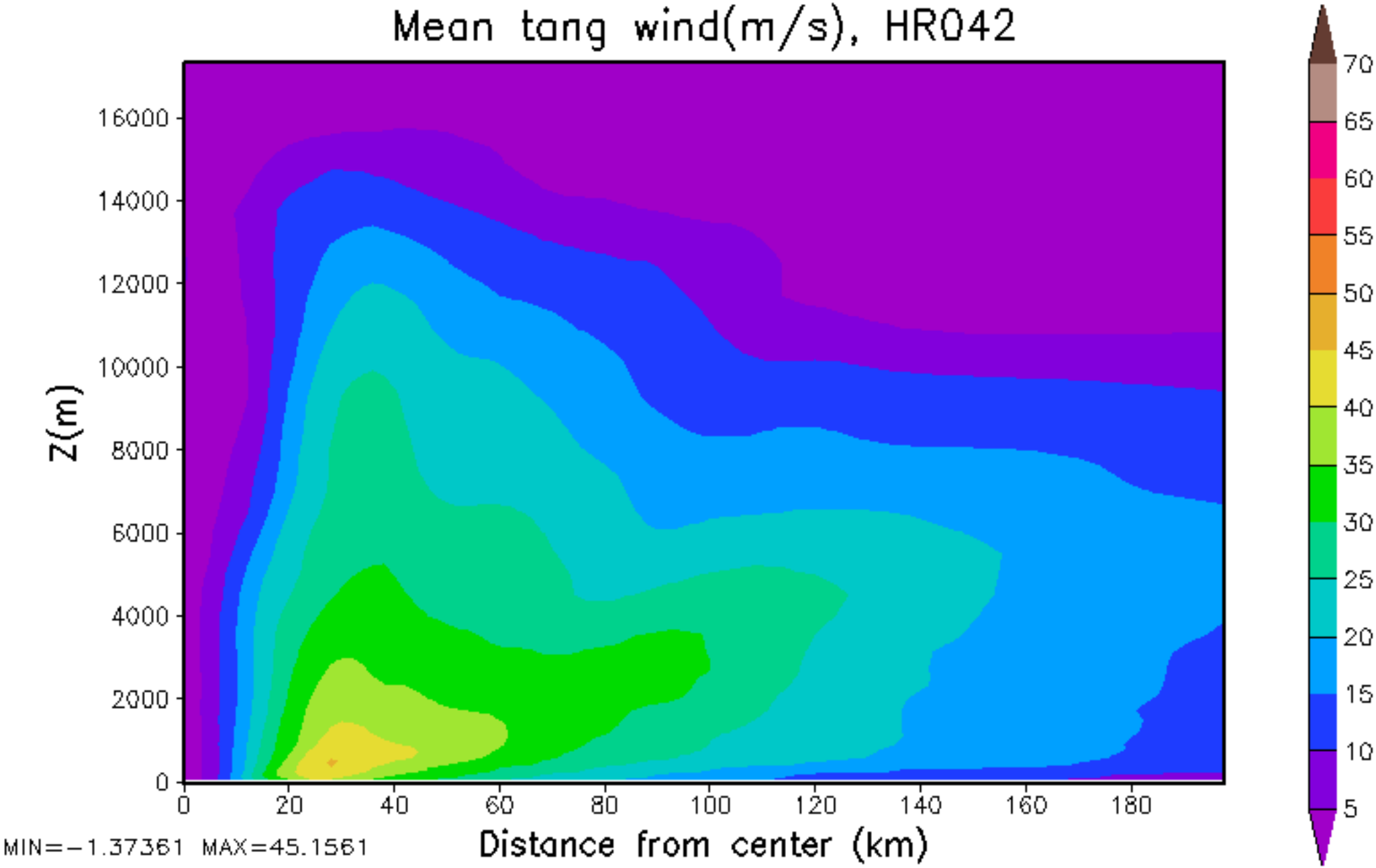

Mean radial wind(m/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-30.1774 MAX=18.3829
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

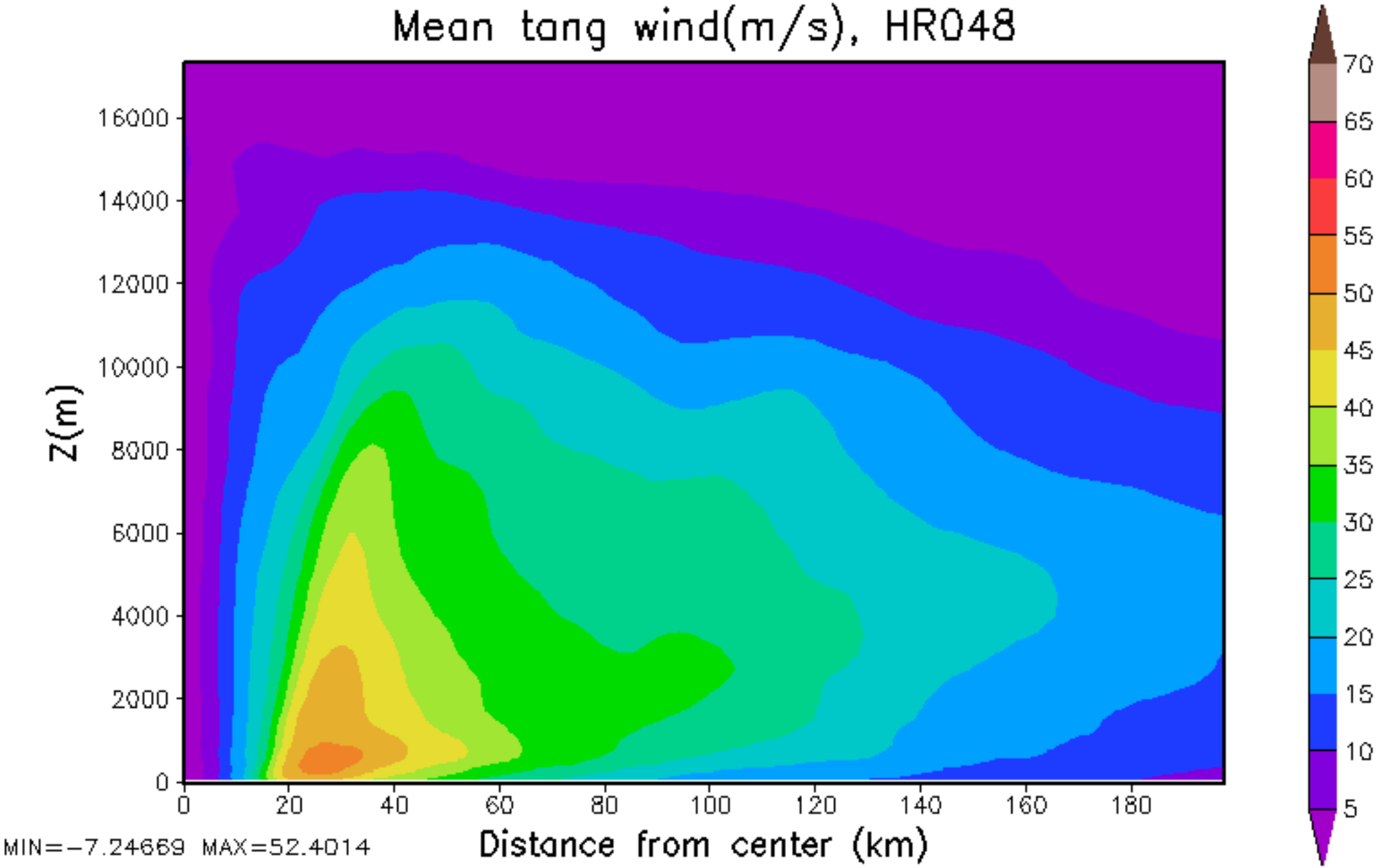

Mean radial wind(m/s), HR114
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=−26.2945 MAX=18.2585
12
8
4
2
0
−2
−4
−6
−8
−10
−12
−14
−16

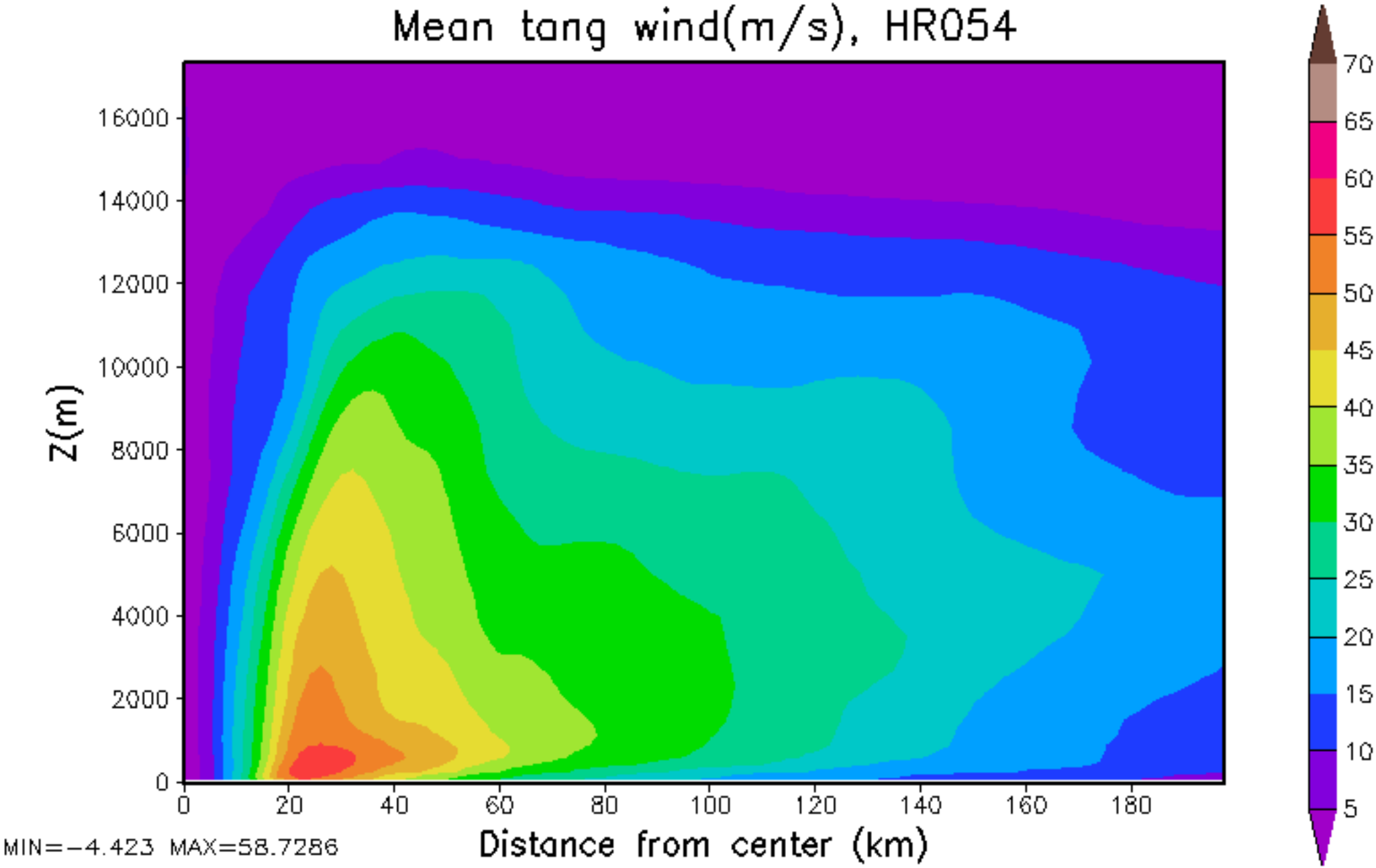

Mean radial wind(m/s), HR120
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-29.6419 MAX=21.0639
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

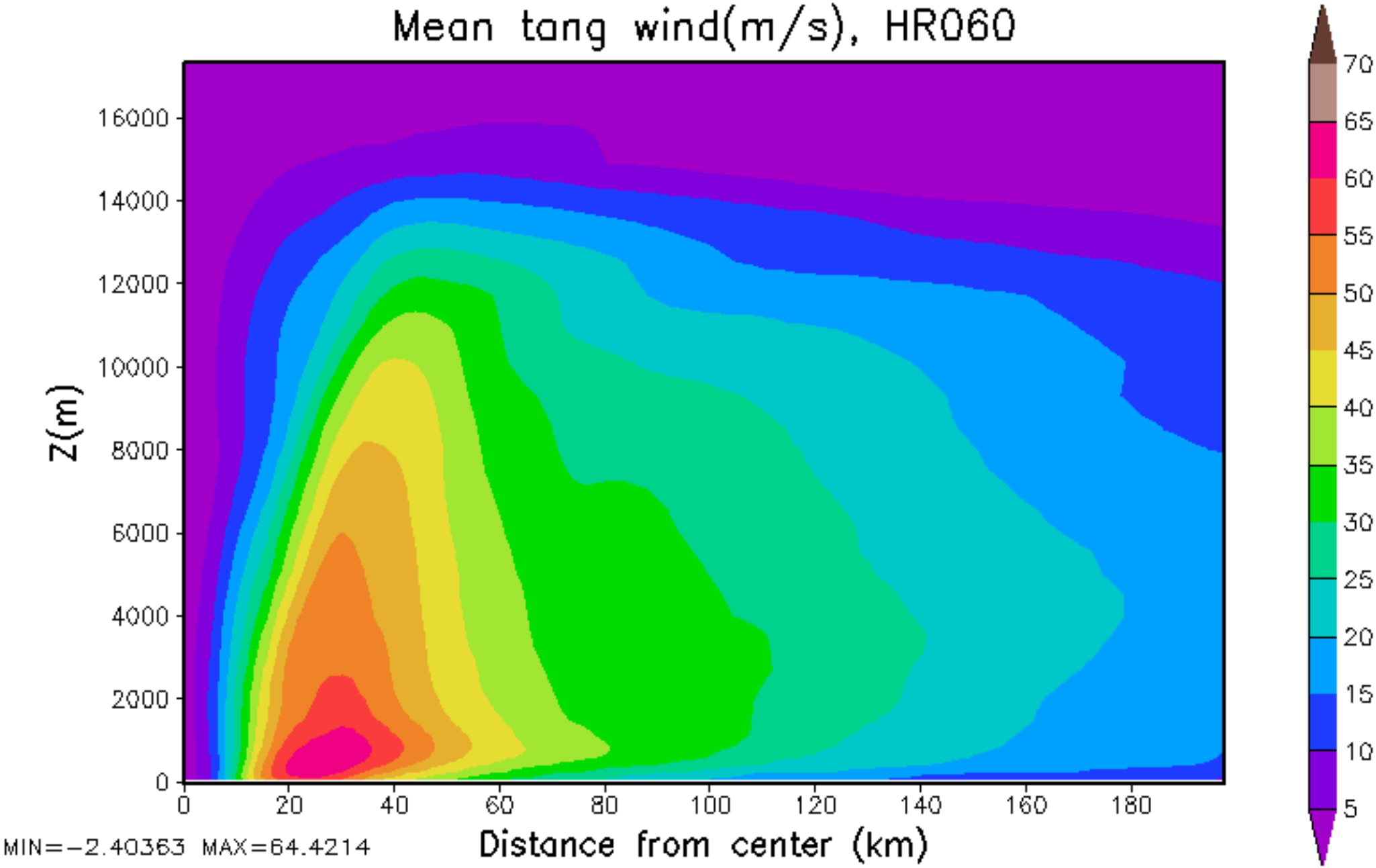

Mean radial wind(m/s), HR126
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-29.4799 MAX=21.7328
12
8
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16

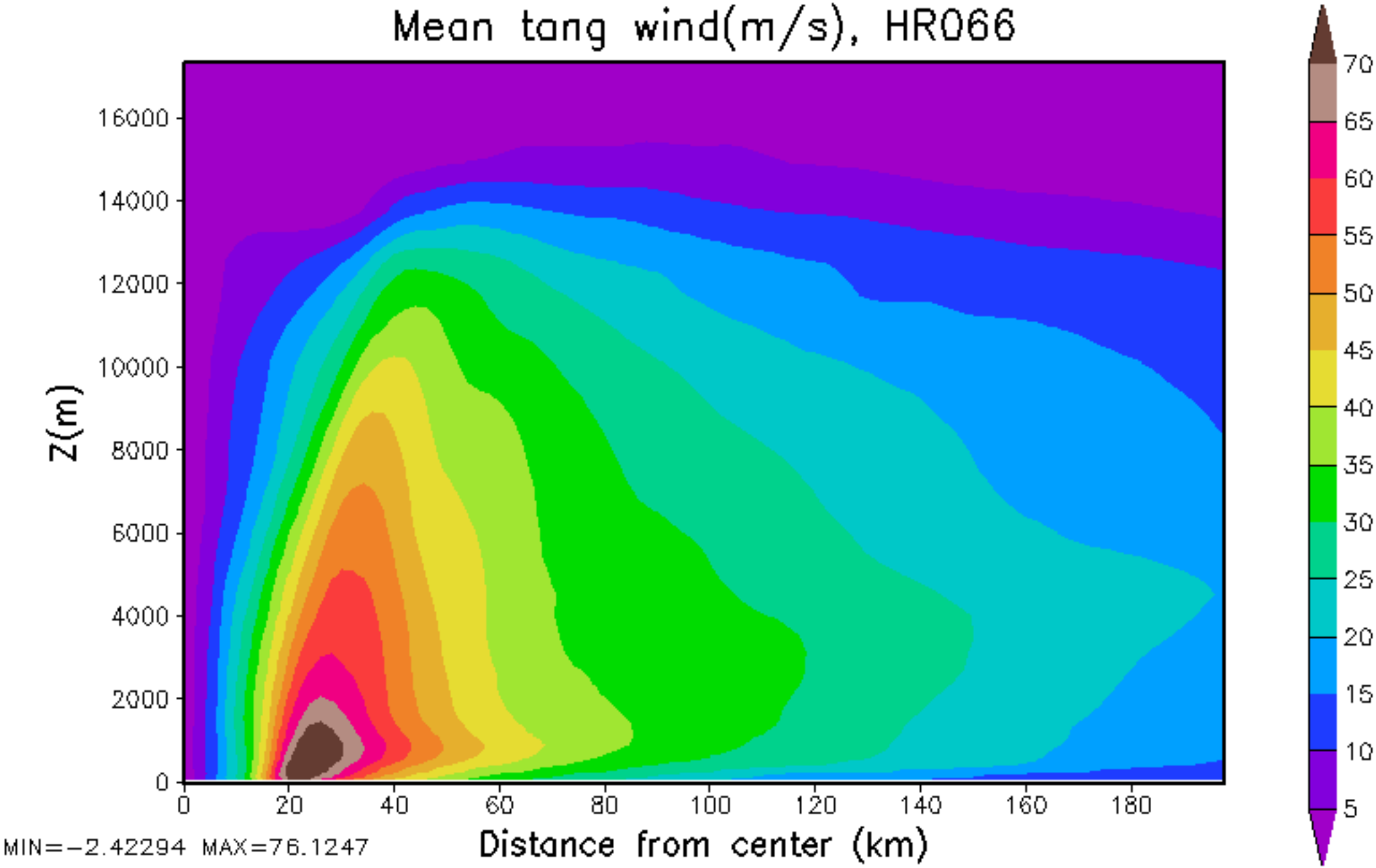

Mean tang wind(m/s), HR036
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-2.15043 MAX=32.4221
70
65
60
55
50
45
40
35
30
25
20
15
10
5


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=-1.37361 MAX=45.1561
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=-7.24669 MAX=52.4014
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=-4.423 MAX=58.7286
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=-2.40363 MAX=64.4214
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=-2.42294 MAX=76.1247
70
65
60
55
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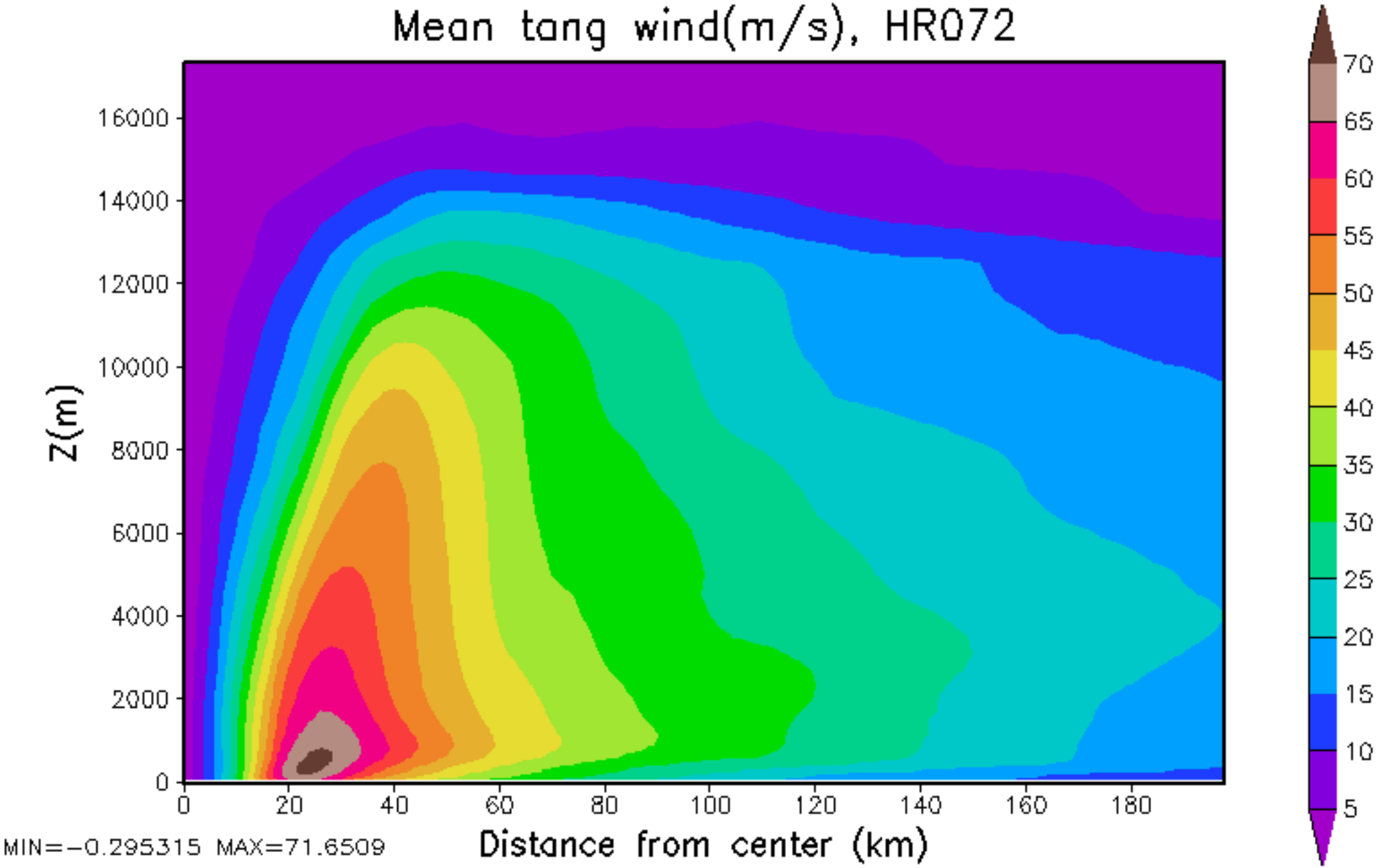
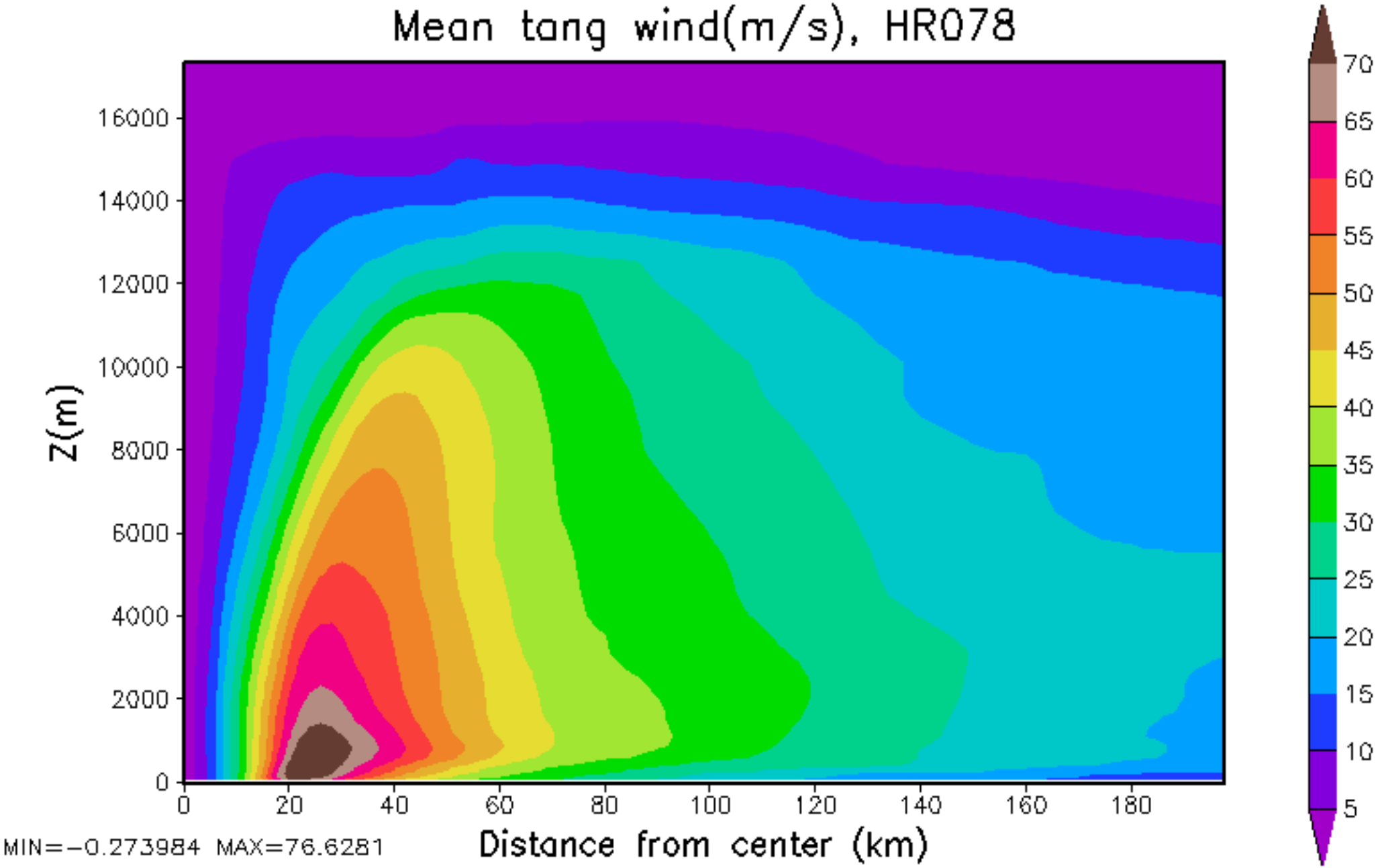
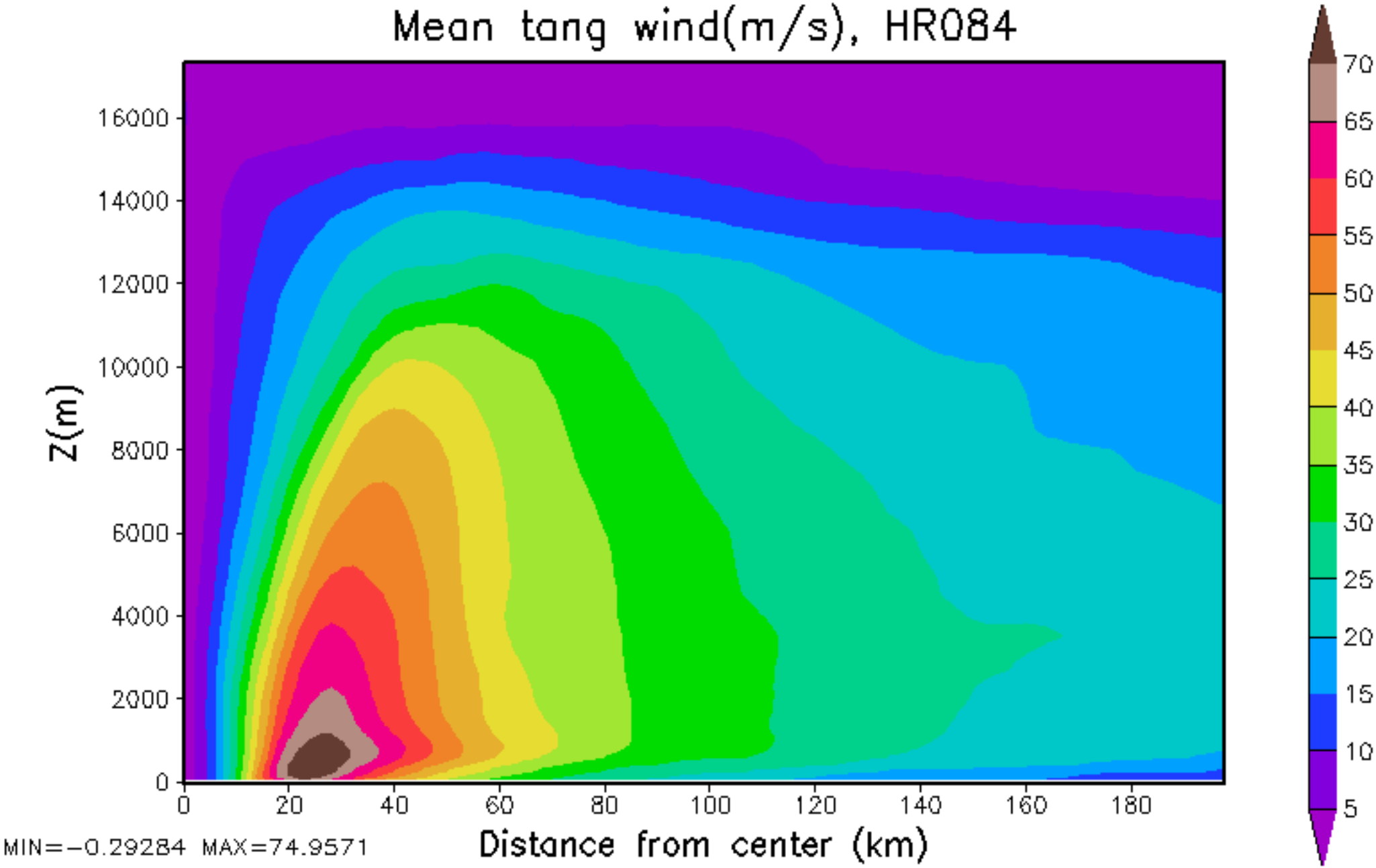
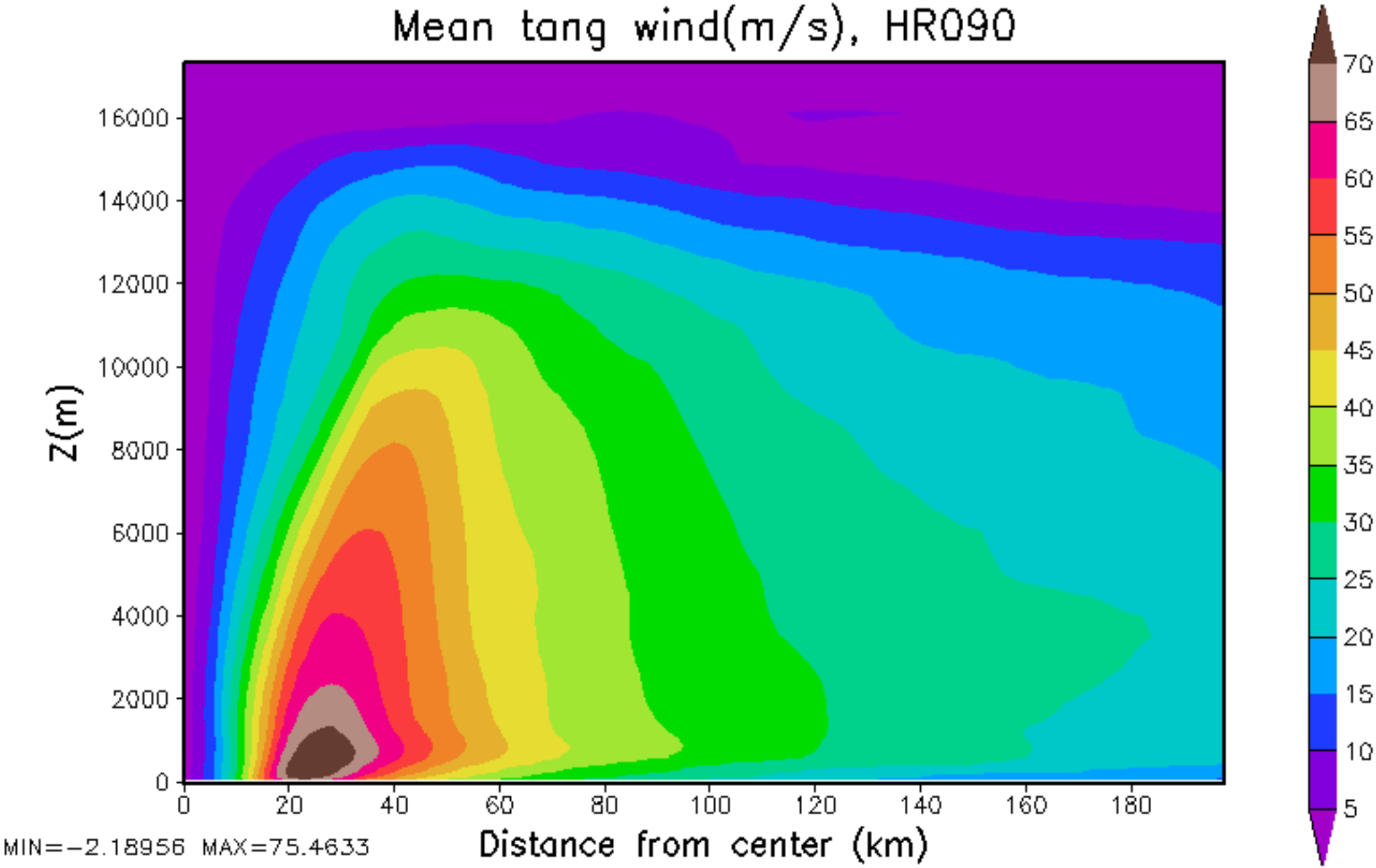
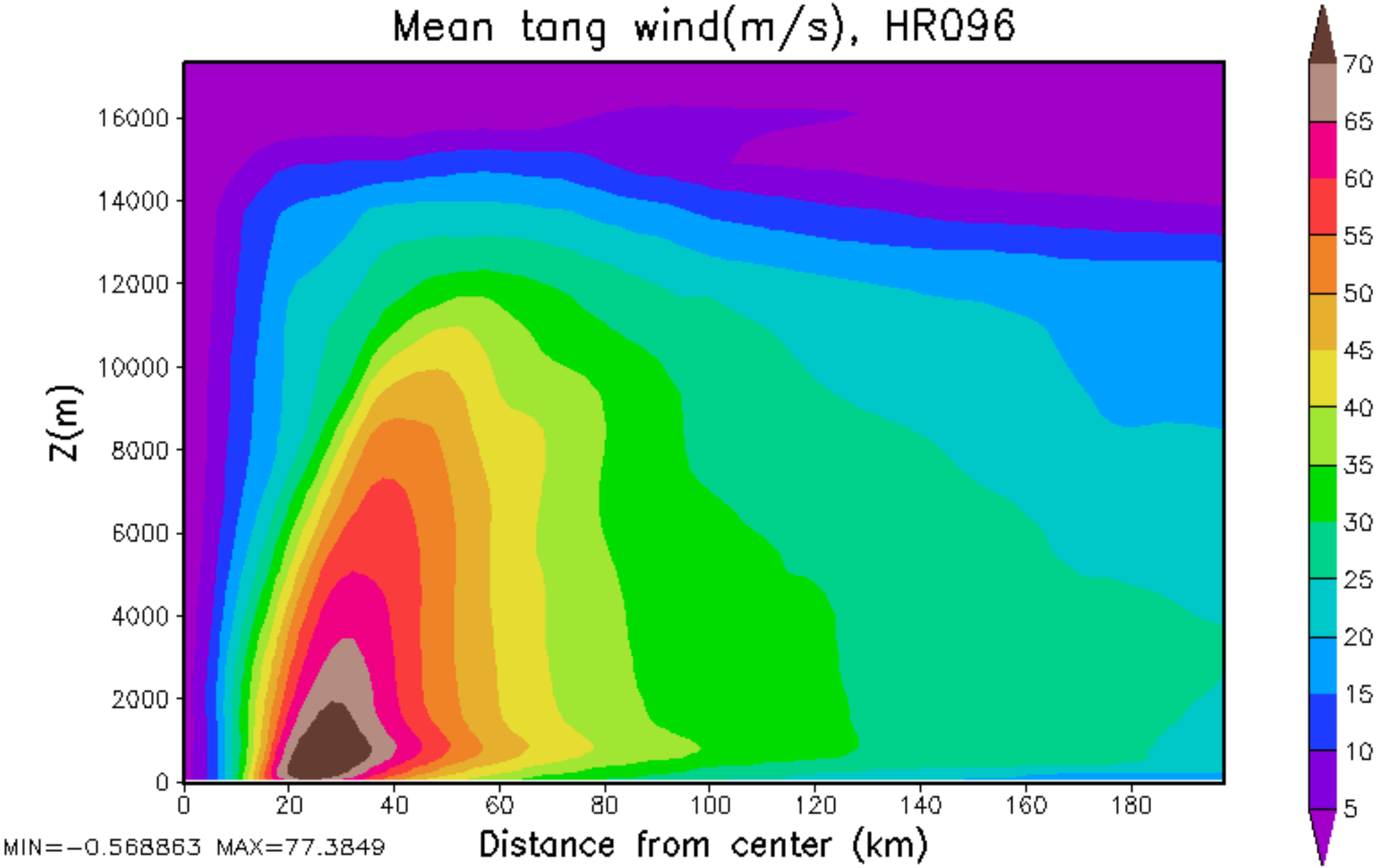
45
40
35
30
25
20
15
10
5

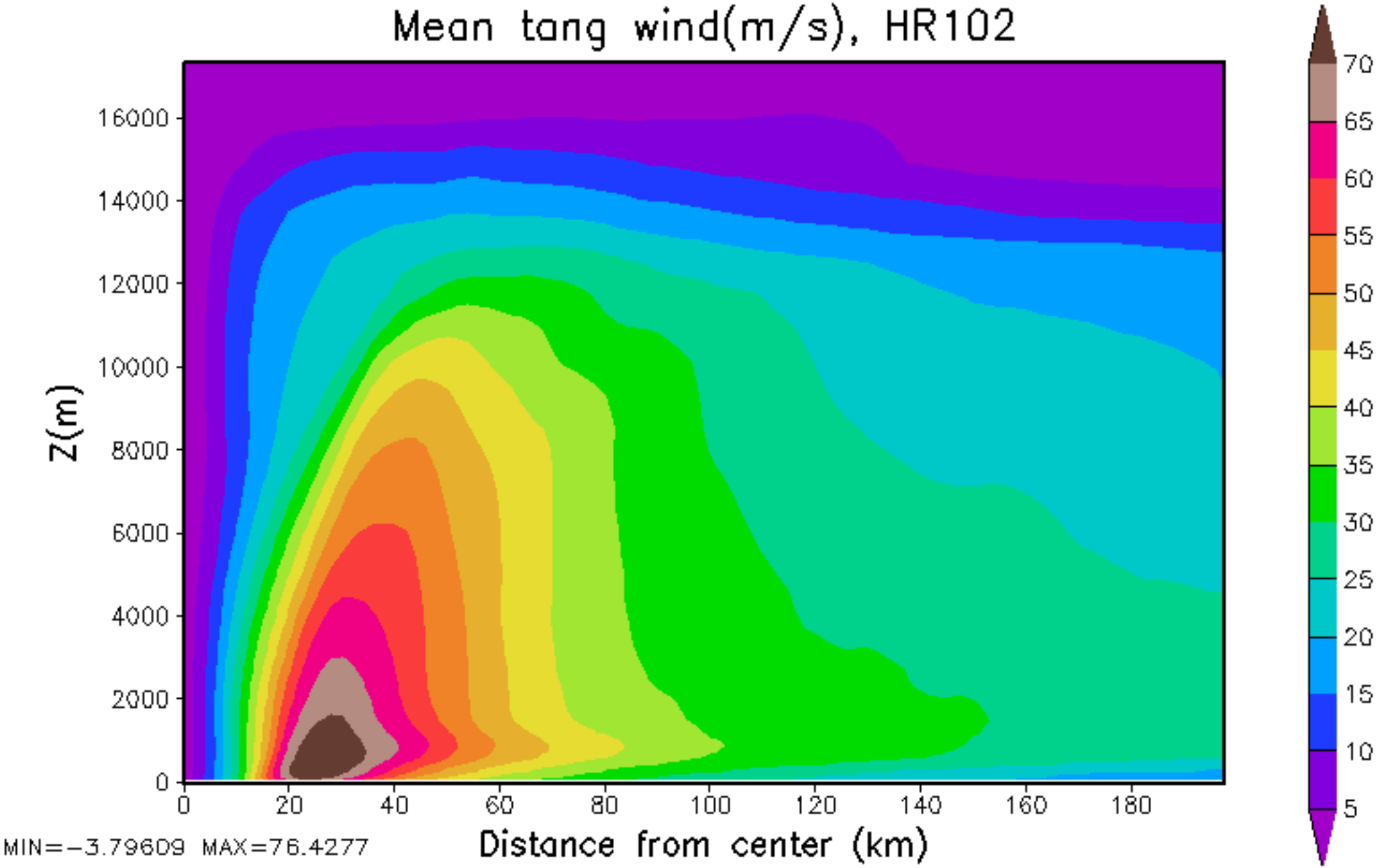

Mean tang wind(m/s), HR072
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.295315 MAX=71.6509
70
65
60
55
50
45
40
35
30
25
20
15
10
5

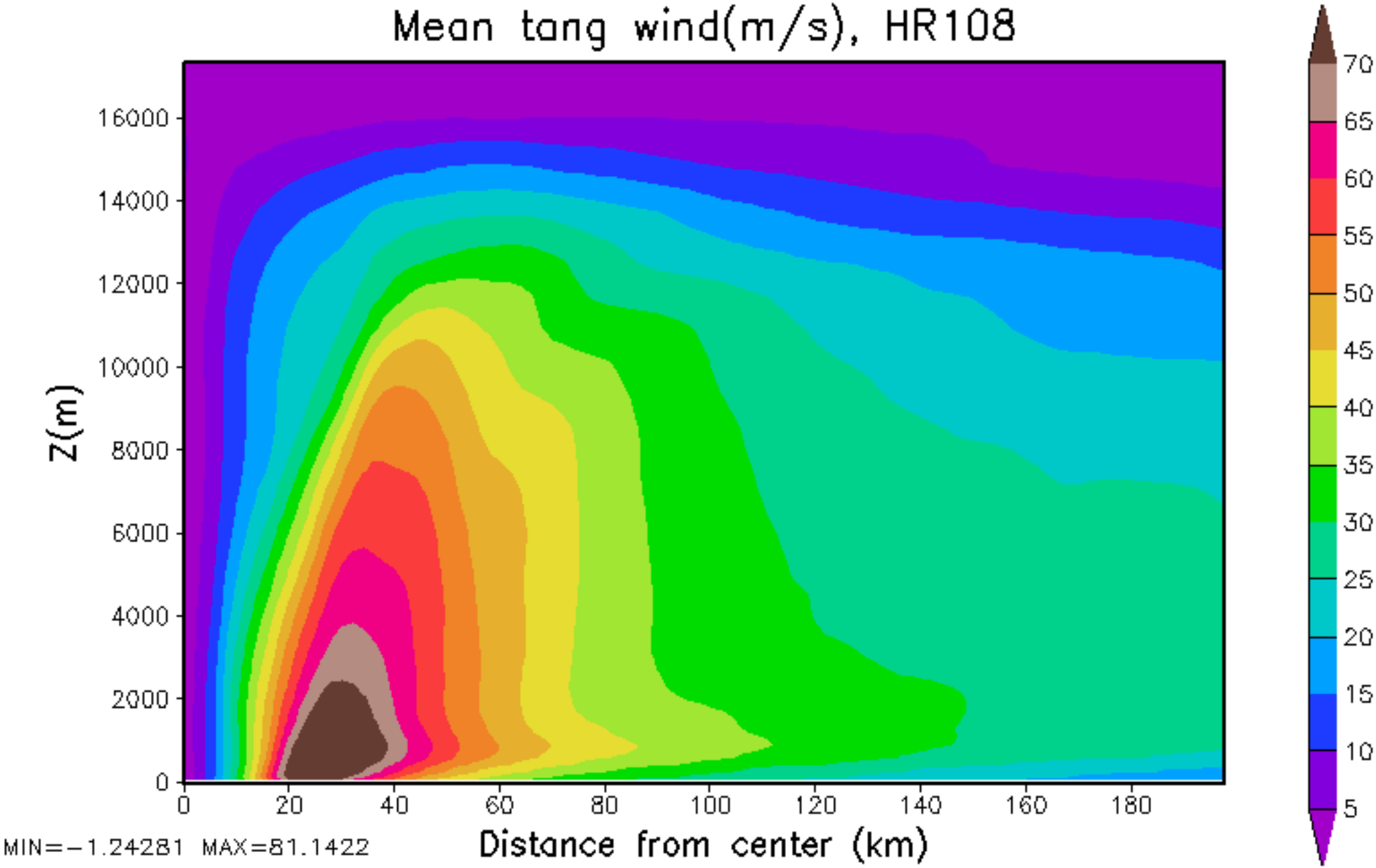

Mean tang wind(m/s), HR078
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.273984 MAX=76.6281
70
65
60
55
50
45
40
35
30
25
20
15
10
5

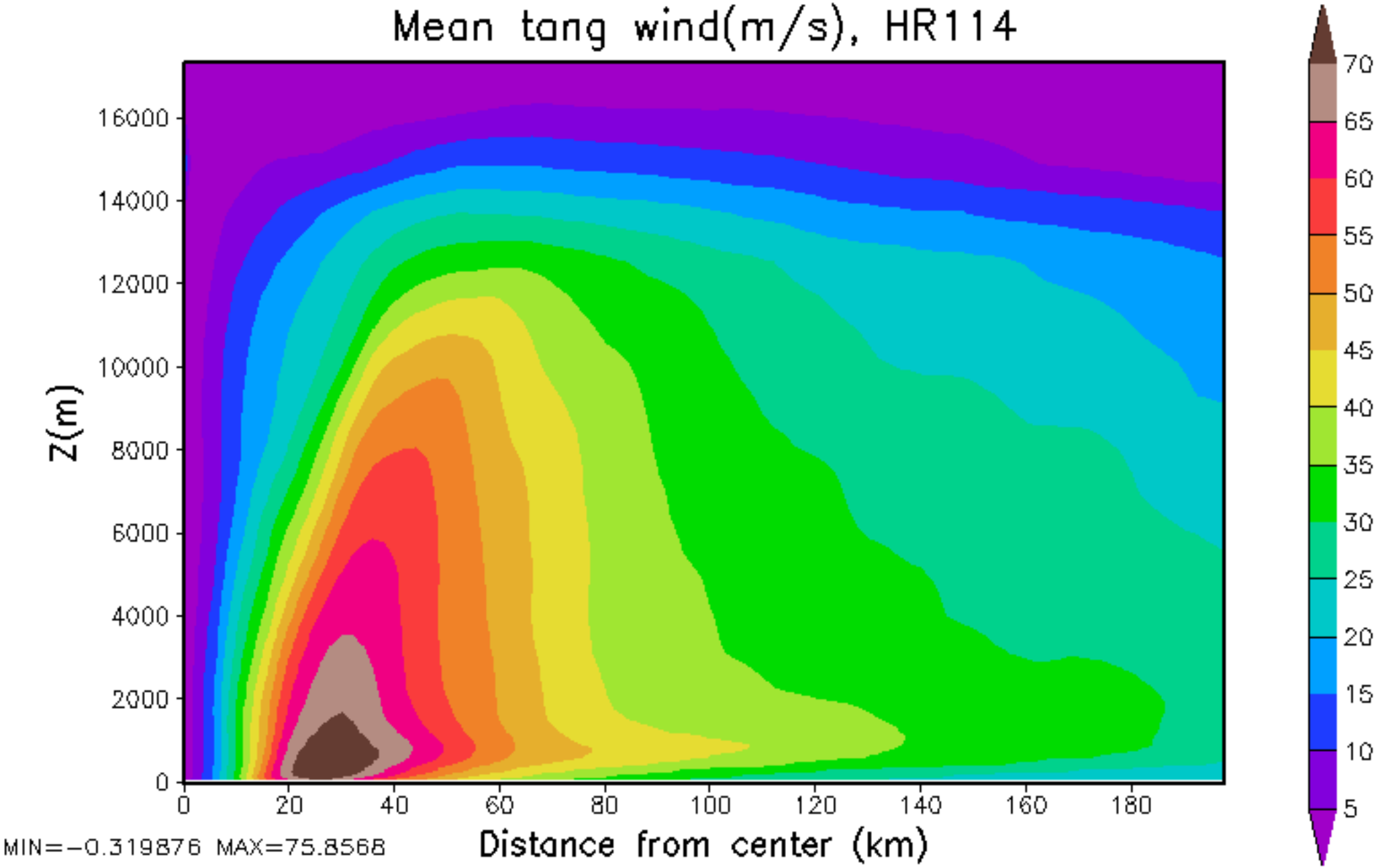

Mean tang wind(m/s), HR084
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.29284 MAX=74.9571
70
65
60
55
50
45
40
35
30
25
20
15
10
5

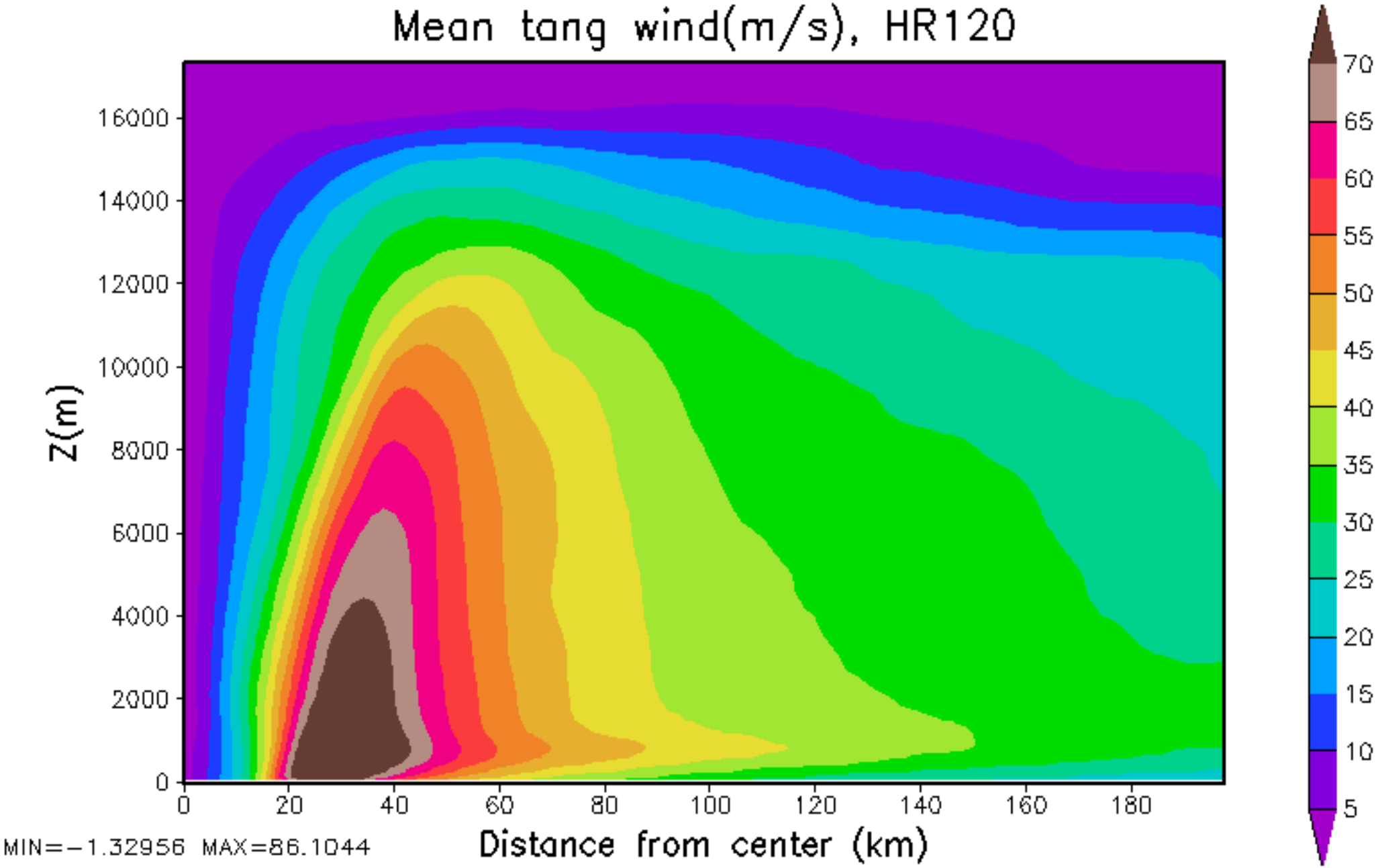

Mean tang wind(m/s), HR090
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-2.18956 MAX=75.4633
70
65
60
55
50
45
40
35
30
25
20
15
10
5

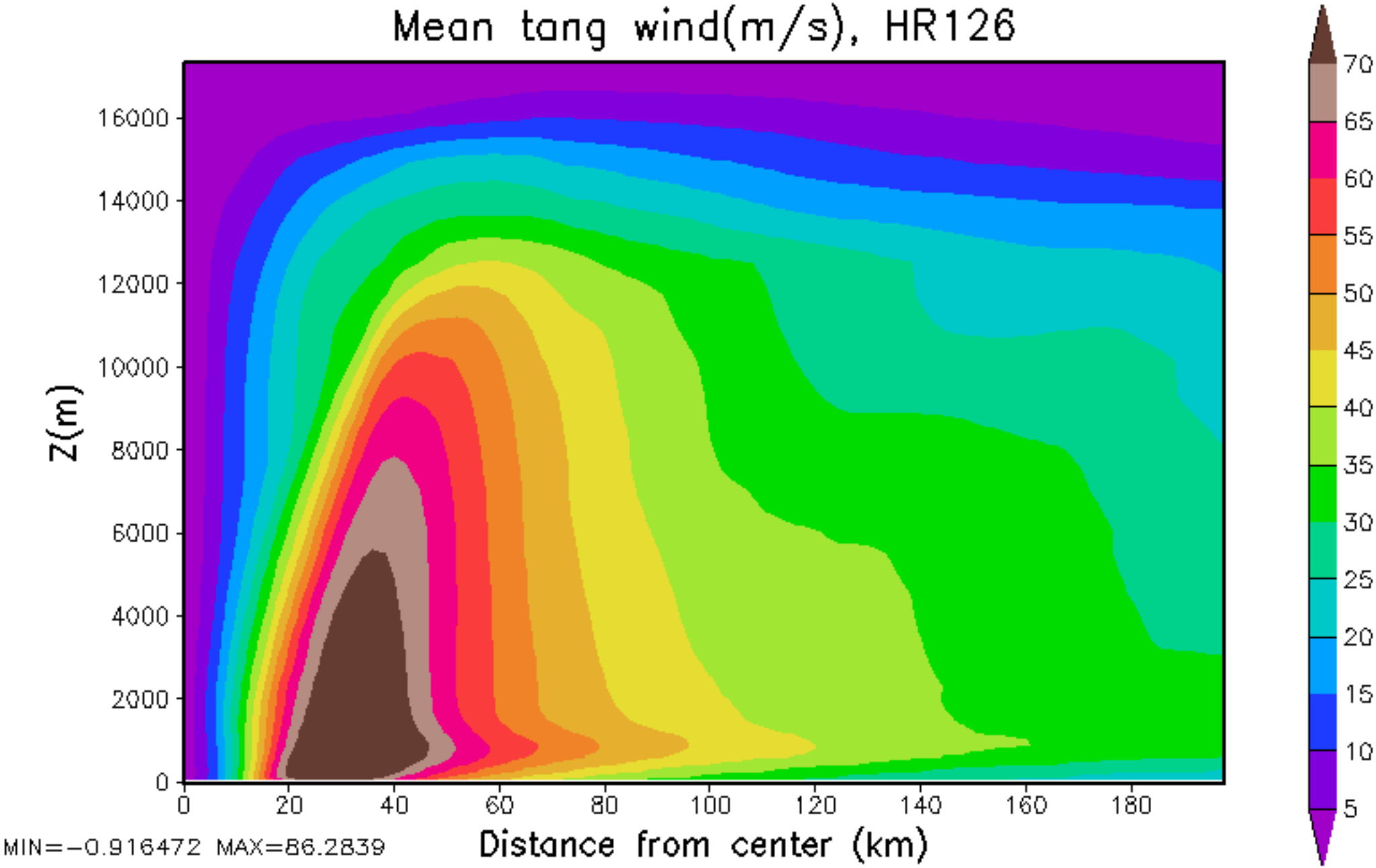

Mean tang wind(m/s), HR096
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-0.568863 MAX=77.3849
70
65
60
55
50
45
40
35
30
25
20
15
10
5

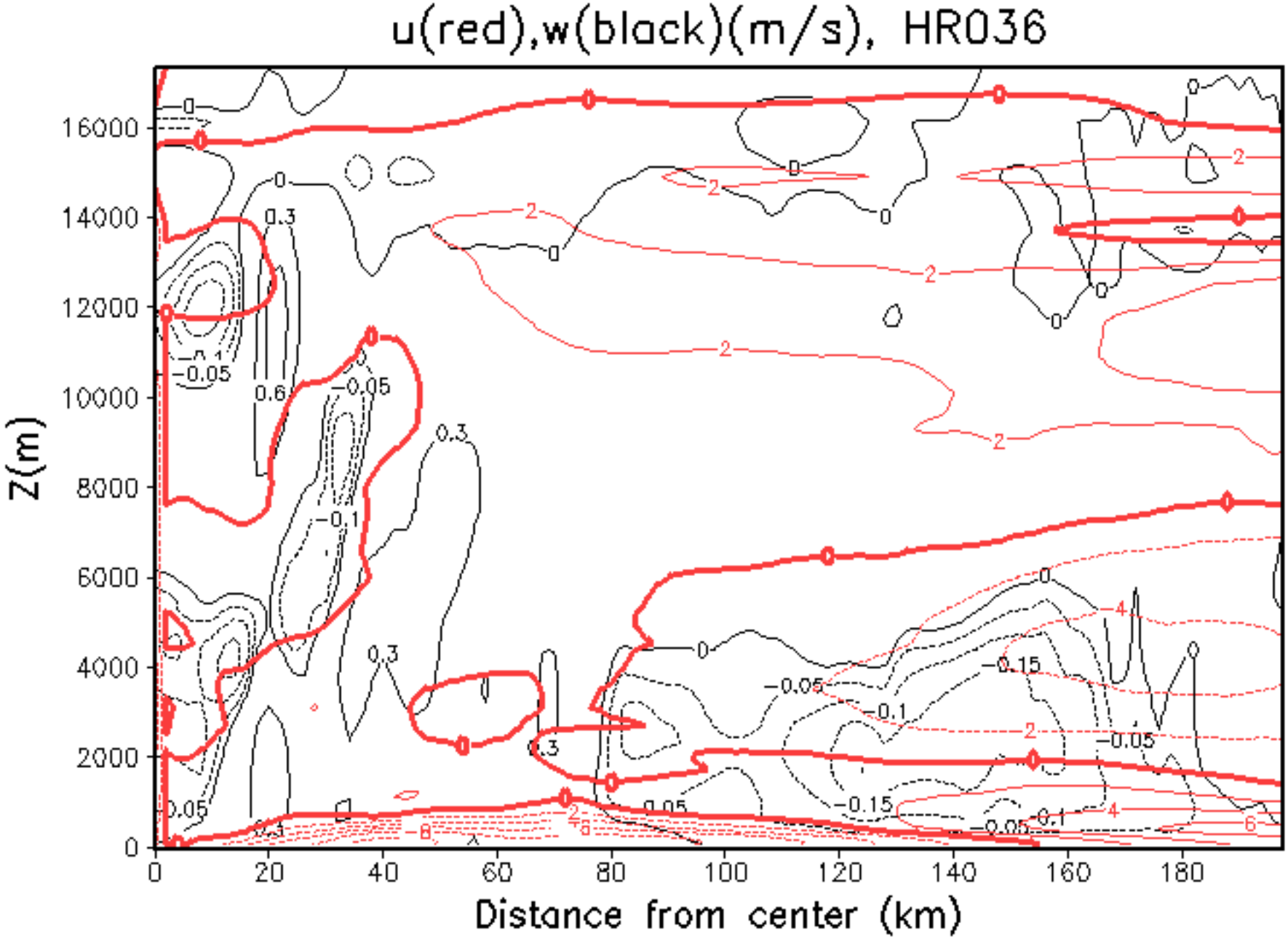

Mean tang wind(m/s), HR102
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-3.79609 MAX=76.4277
70
65
60
55
50
45
40
35
30
25
20
15
10
5

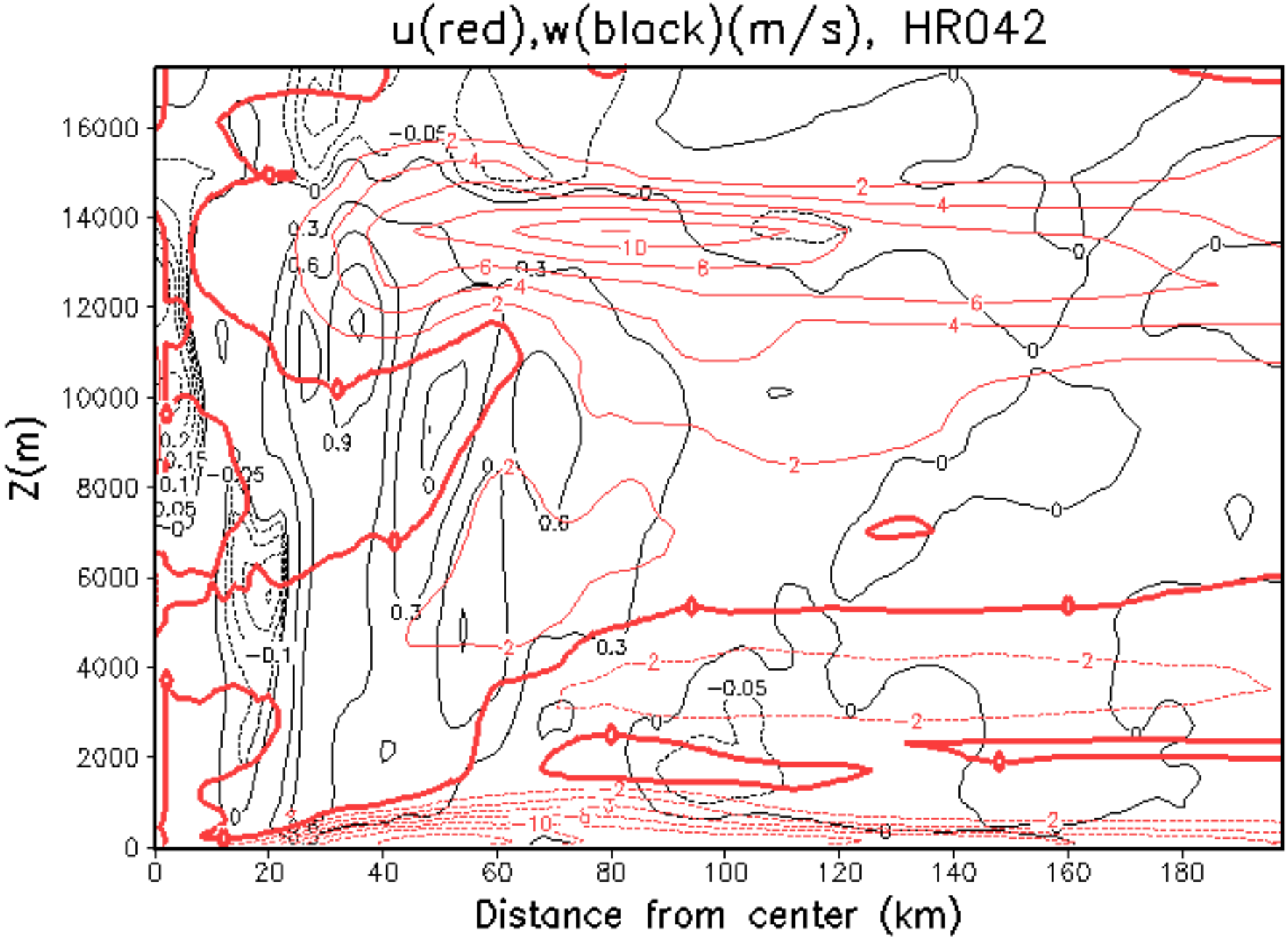

Mean tang wind(m/s), HR108
Z(m)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
Distance from center (km)
MIN=-1.24281 MAX=81.1422
70
65
60
55
50
45
40
35
30
25
20
15
10
5


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=-0.319876 MAX=75.8568
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=-1.32956 MAX=86.1044
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=-0.916472 MAX=86.2839
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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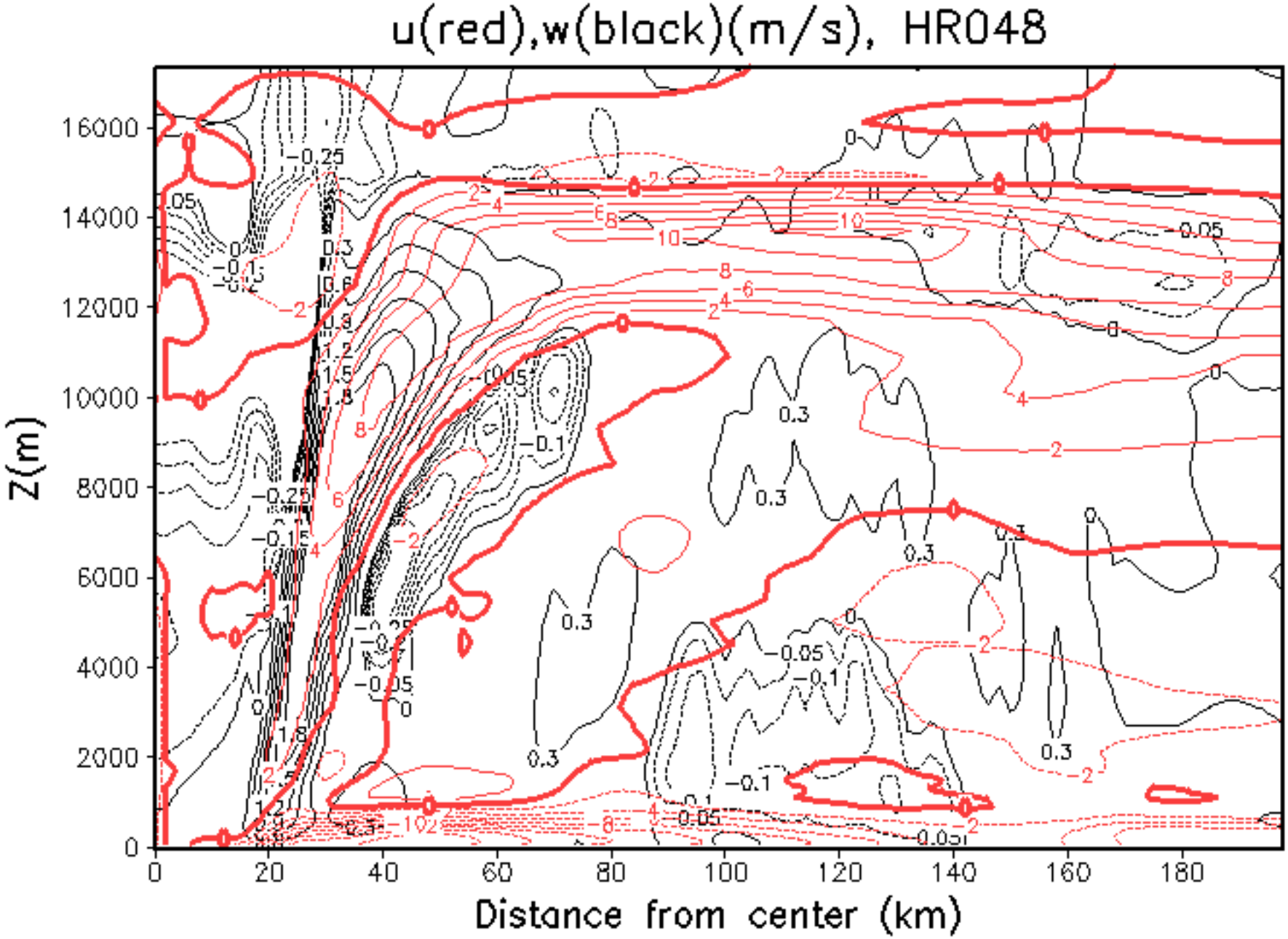
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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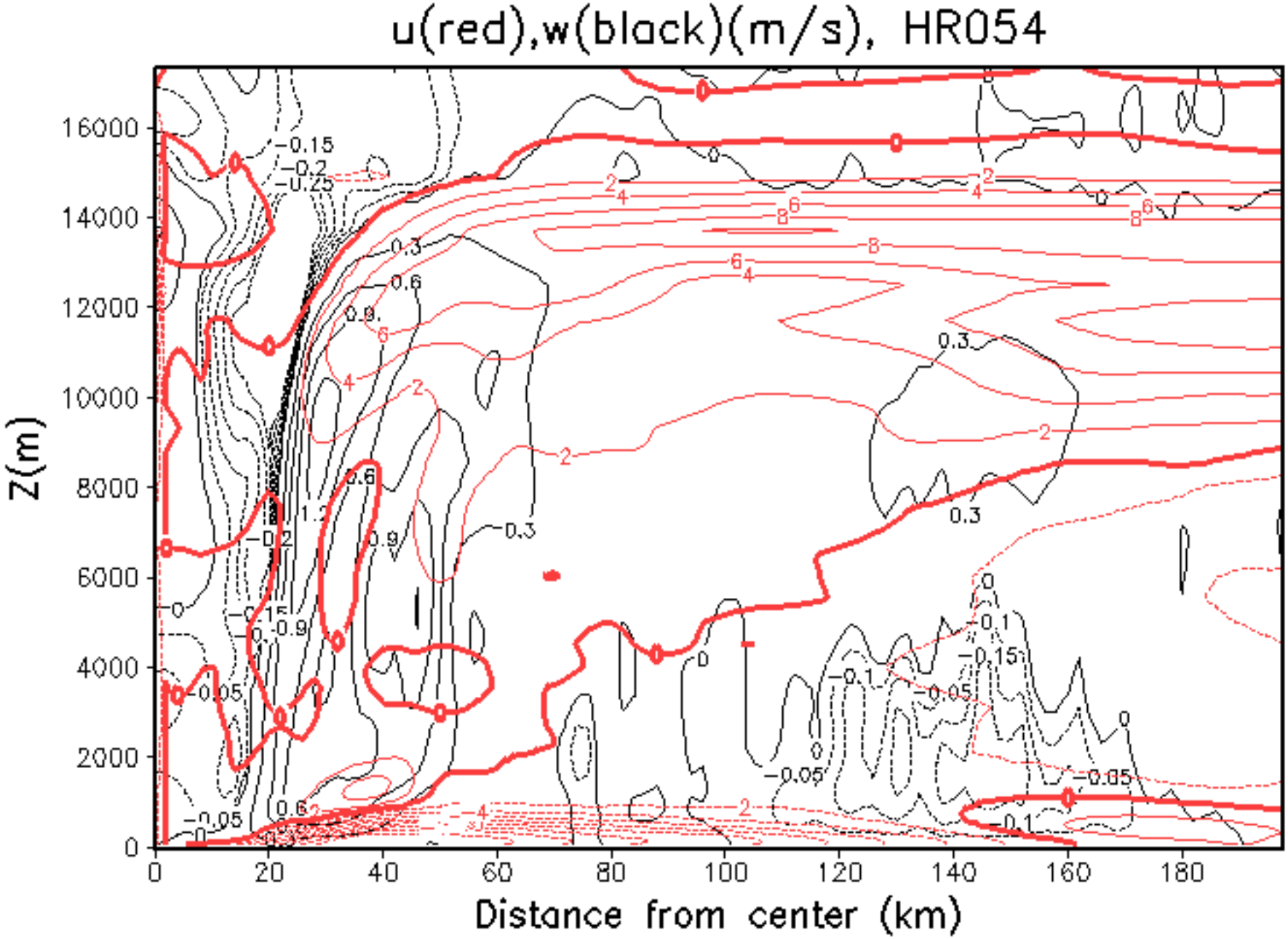
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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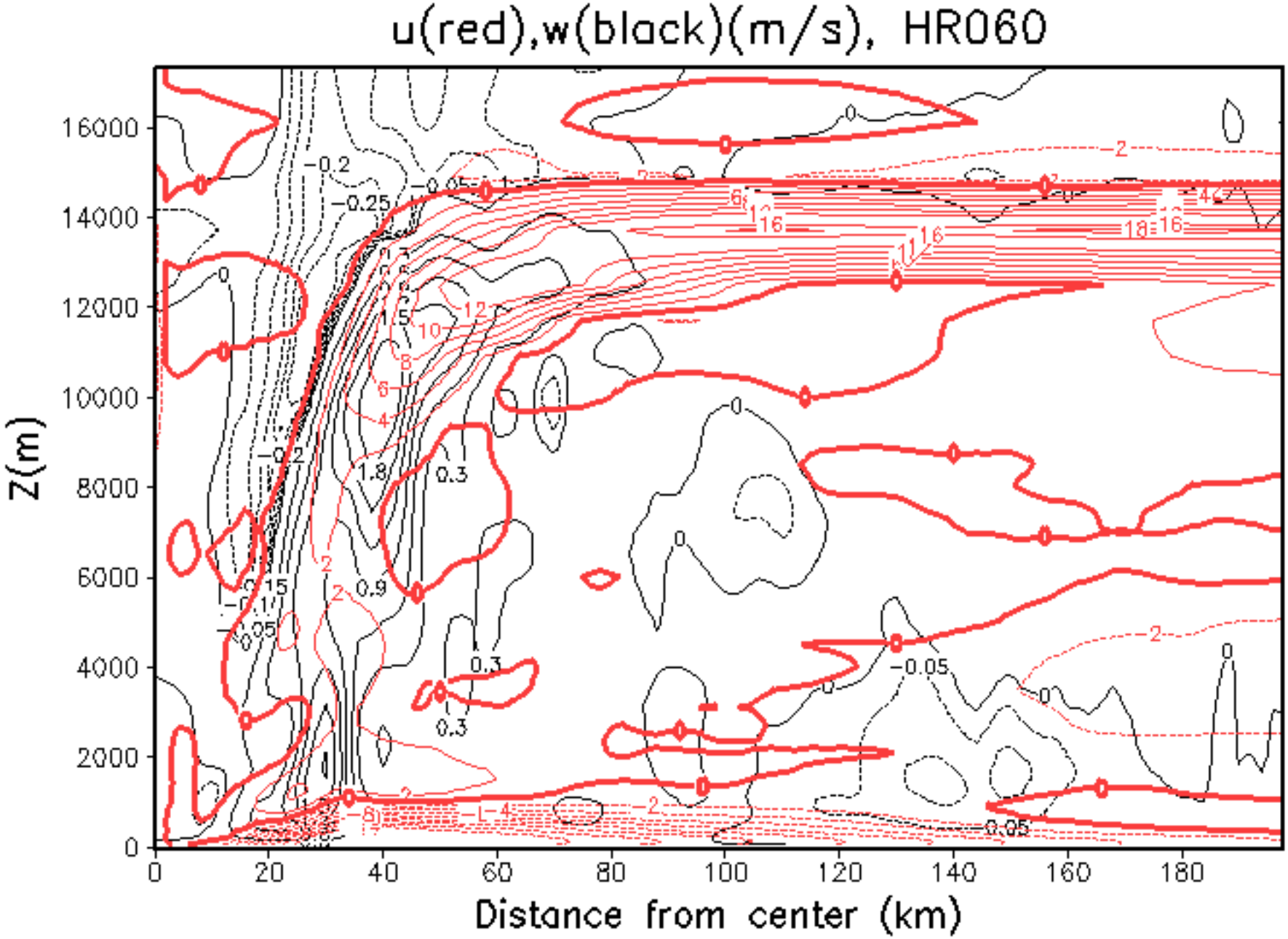
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), HR060
Z(m)
Distance from center (km)
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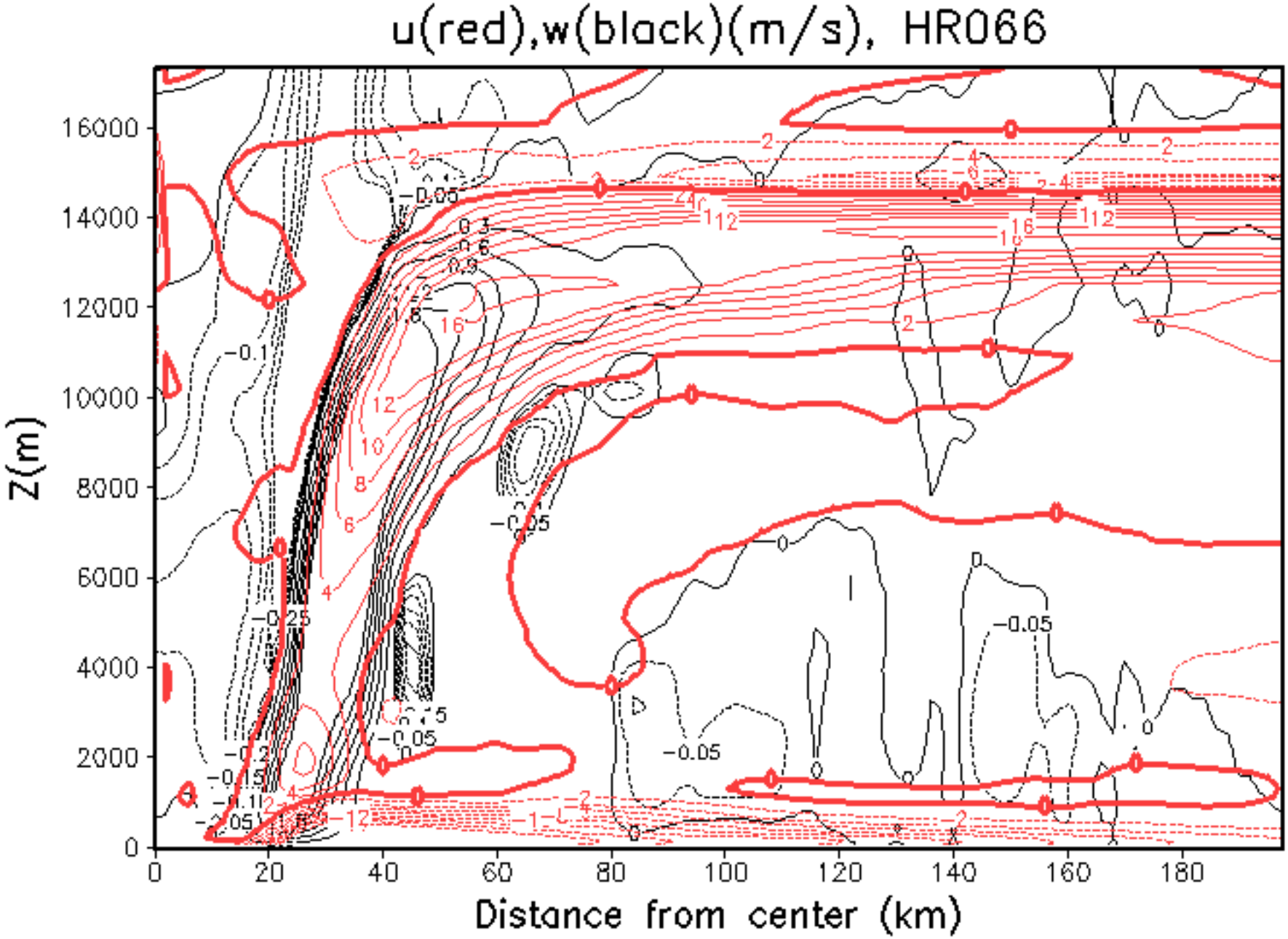
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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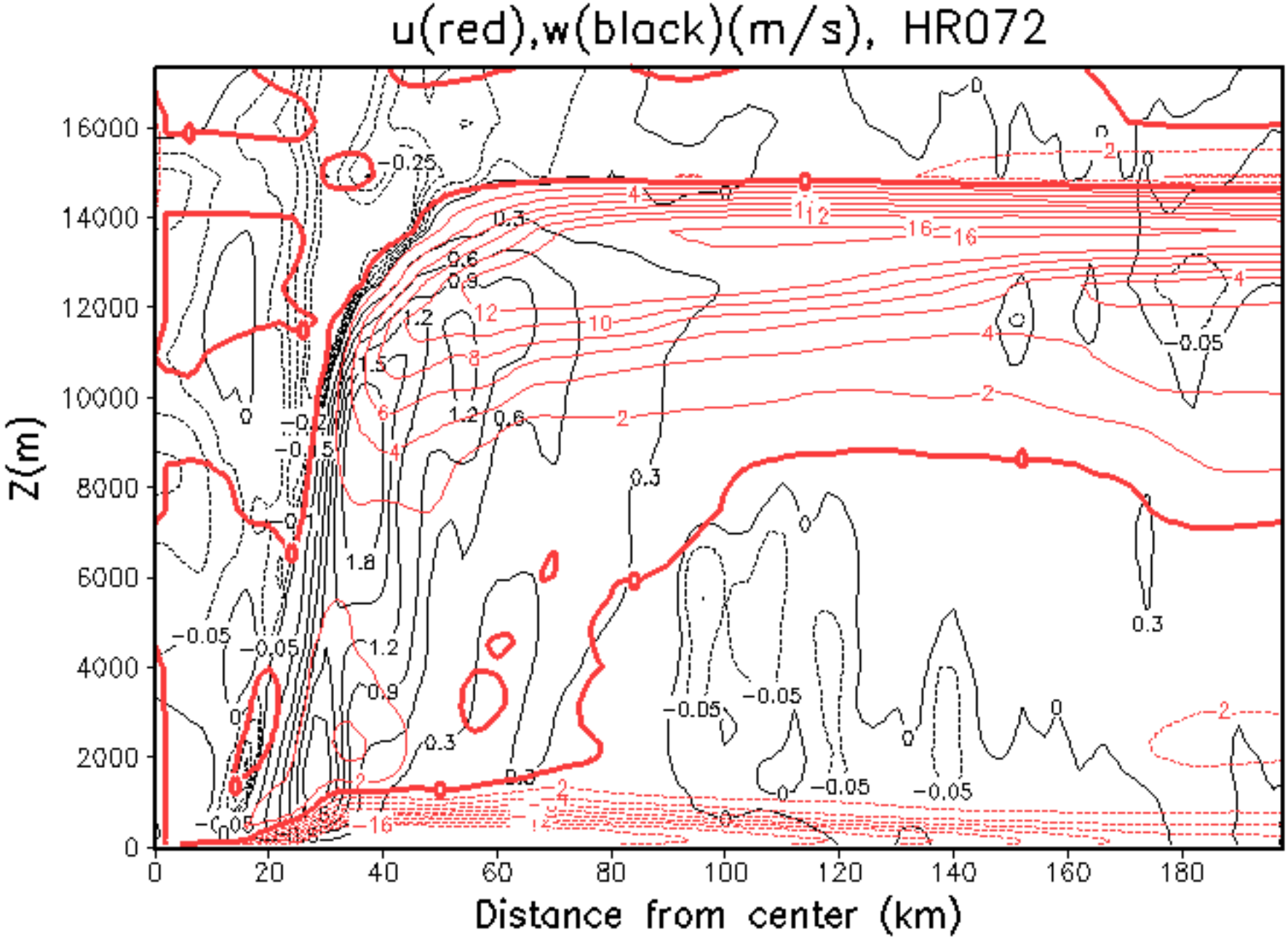
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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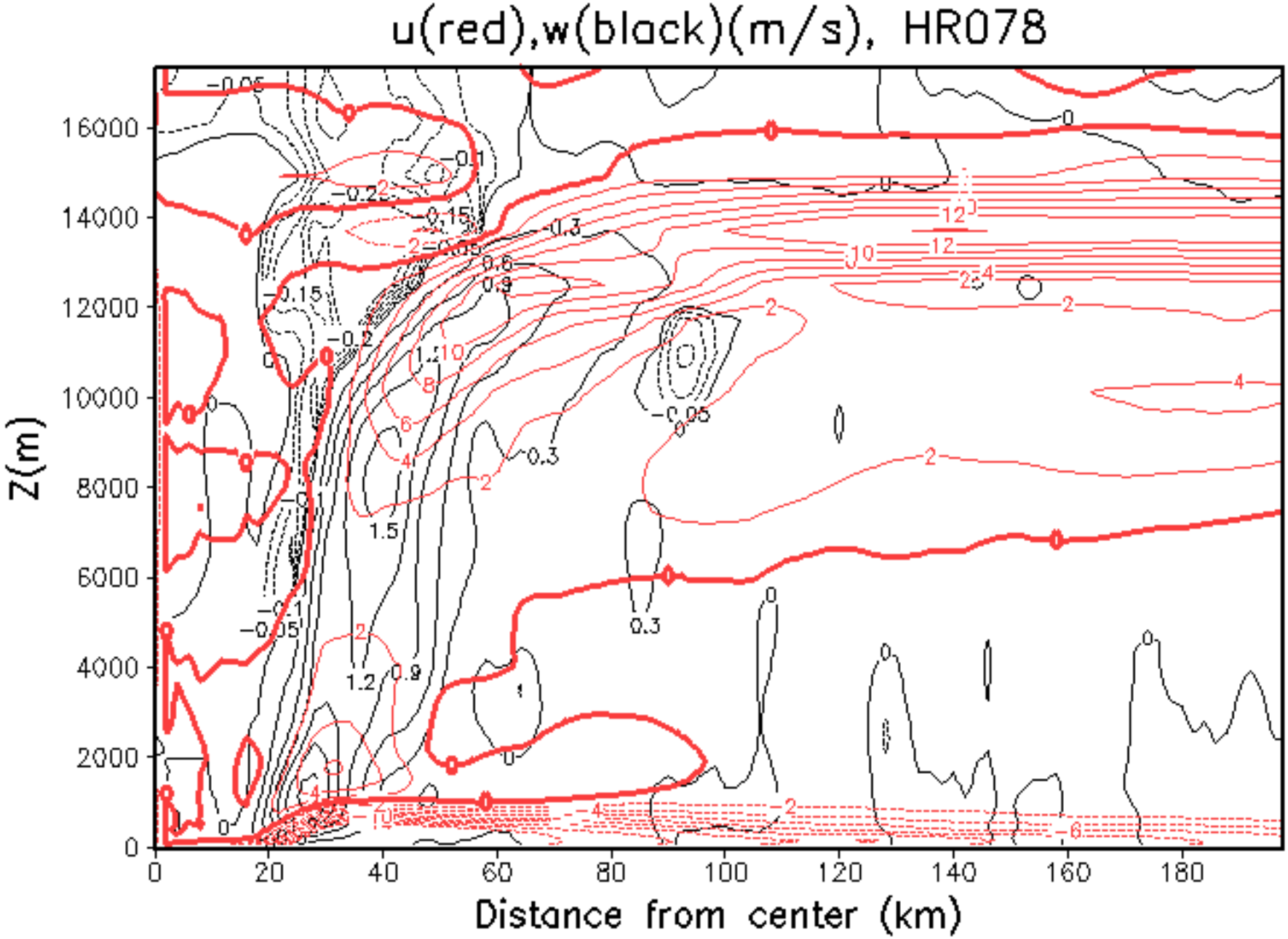
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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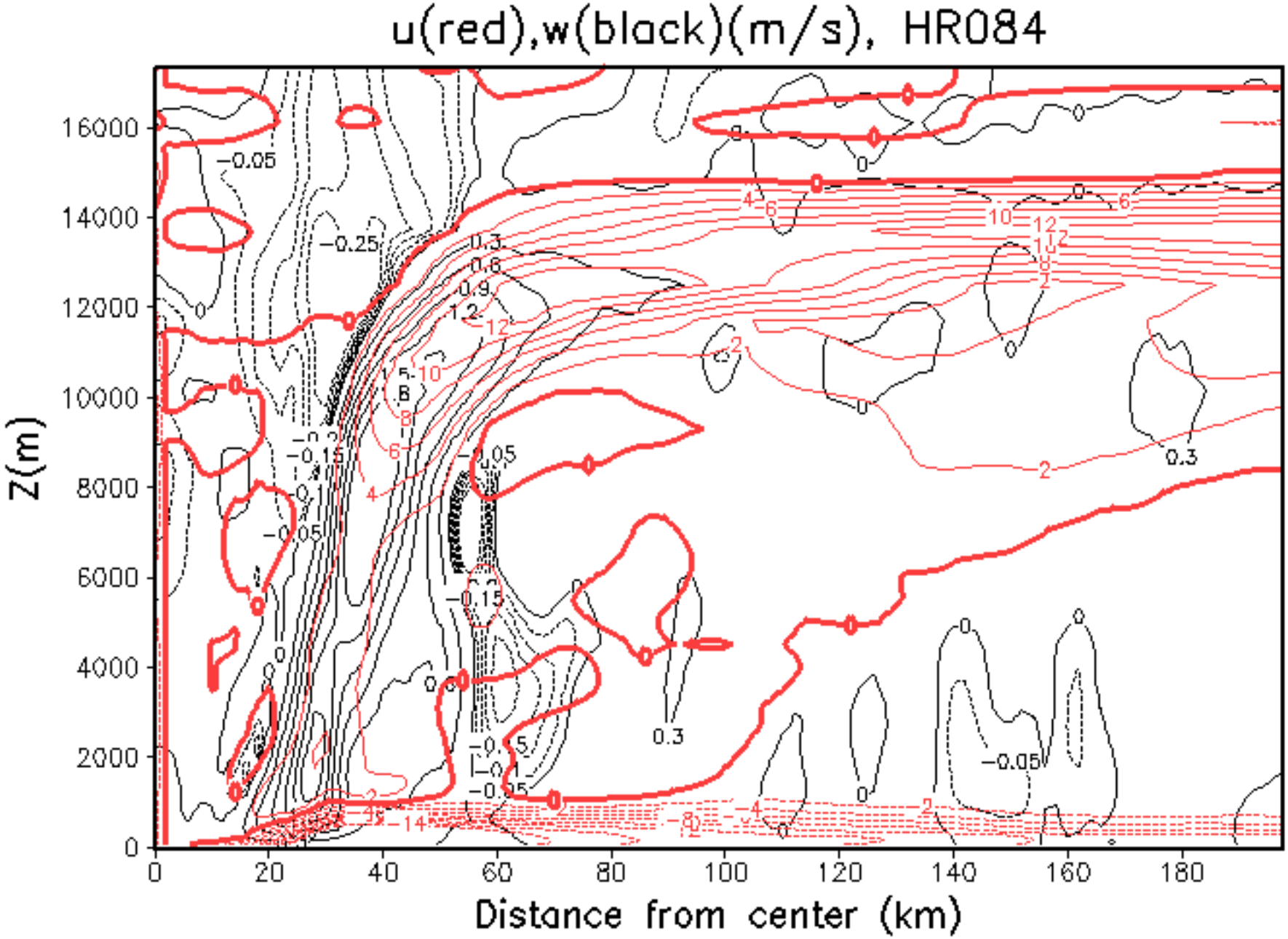
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


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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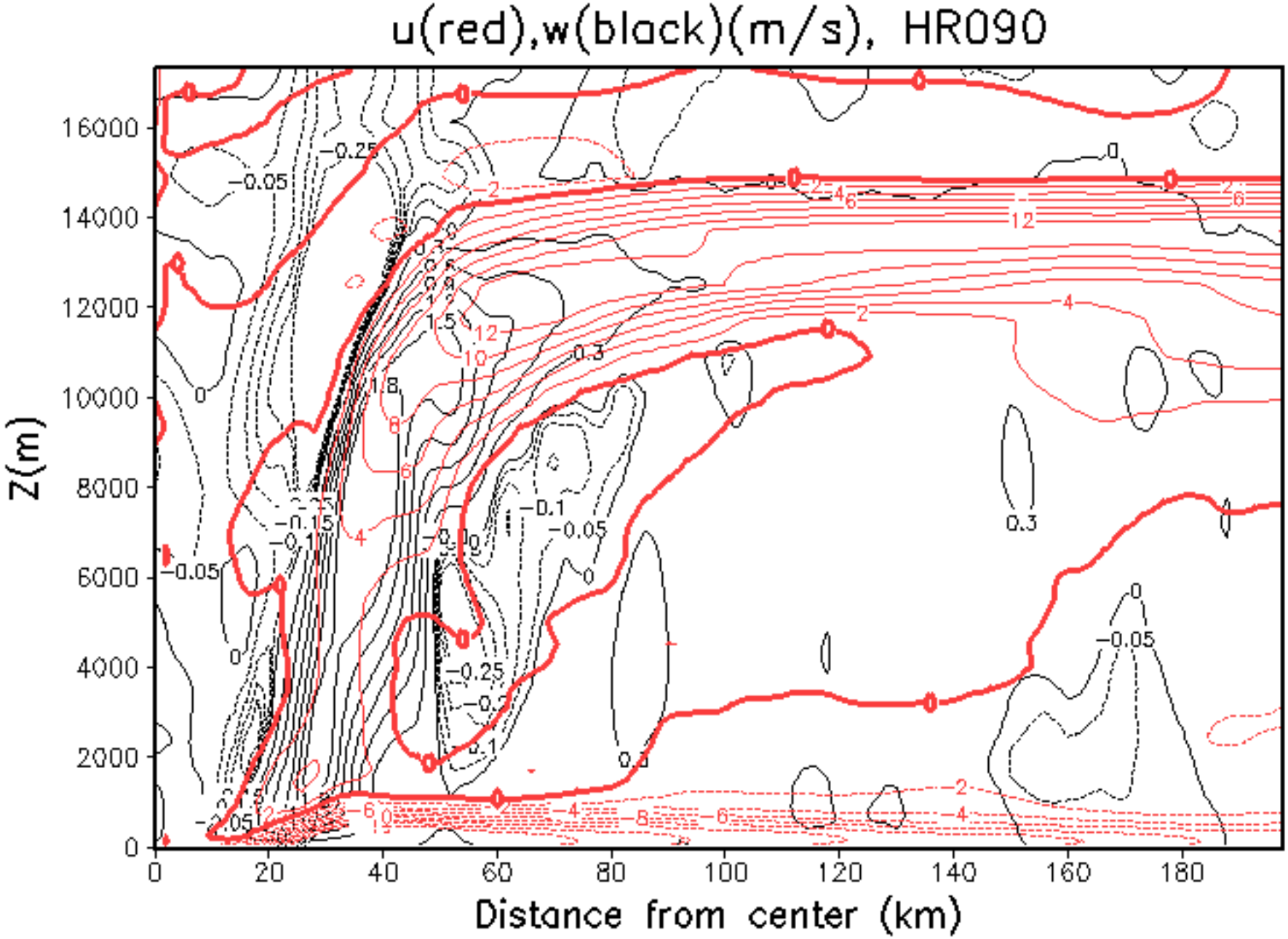
40
60
80
100
120
140
160
180


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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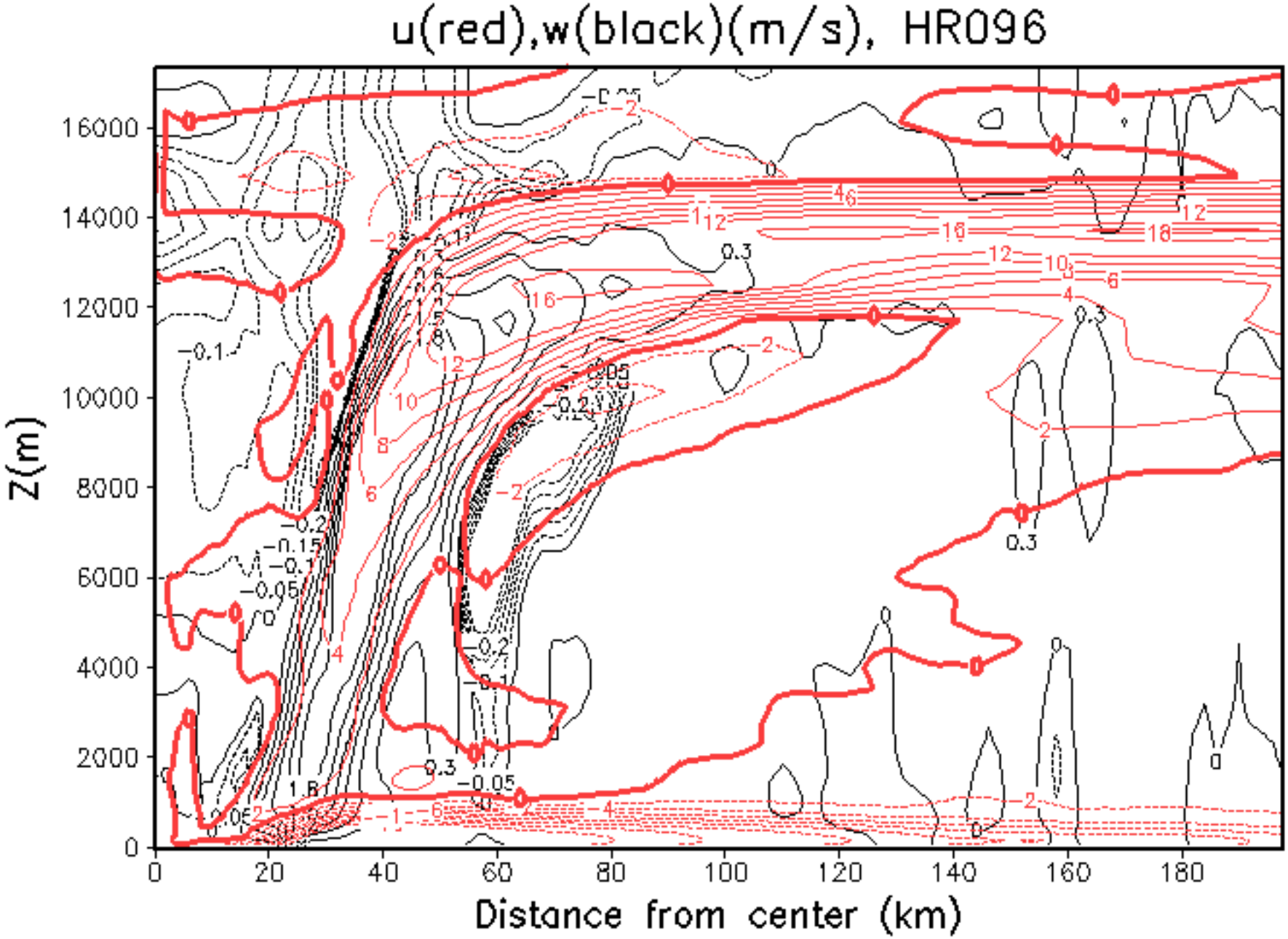
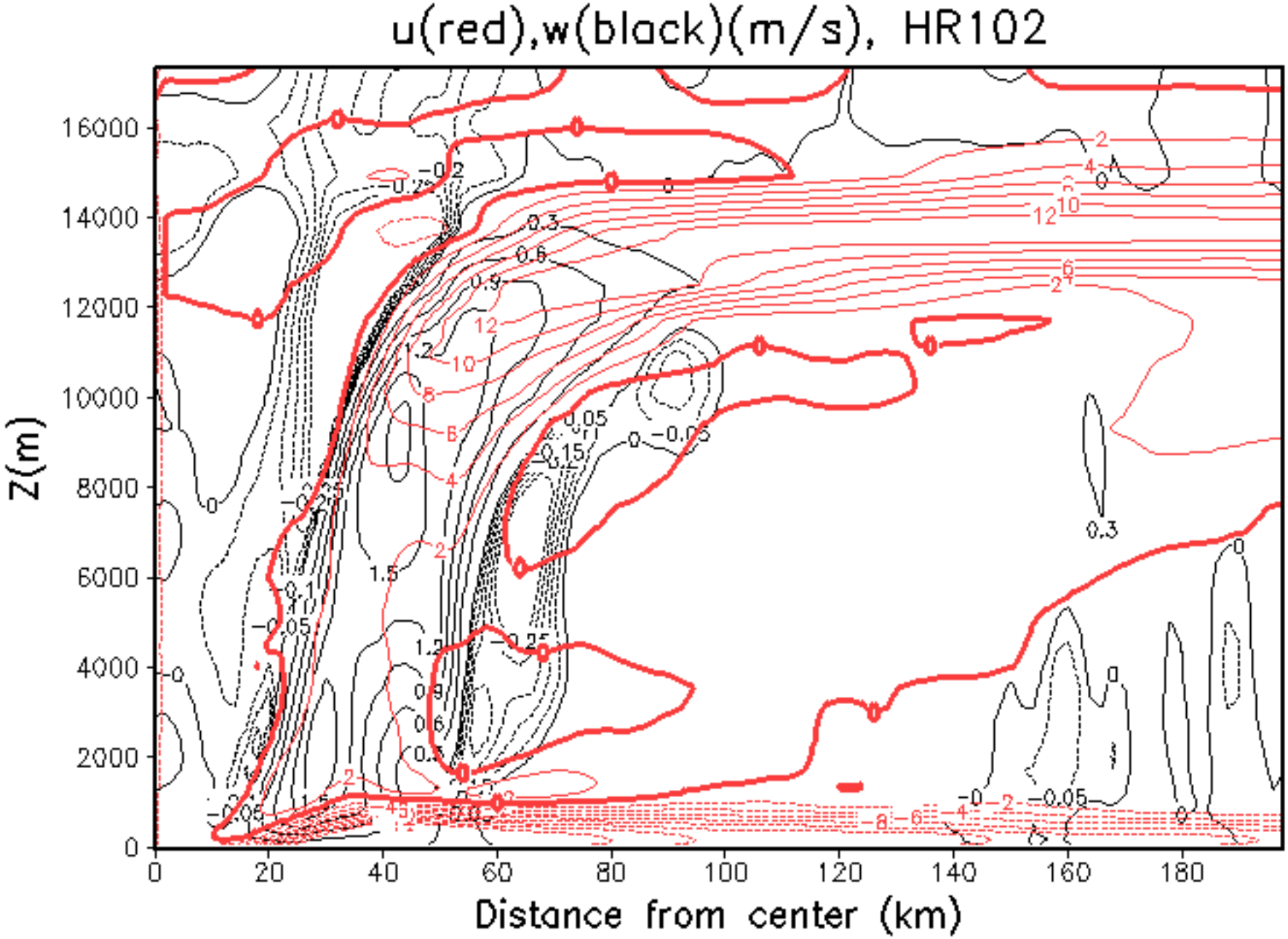
40
60
80
100
120
140
160
180


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


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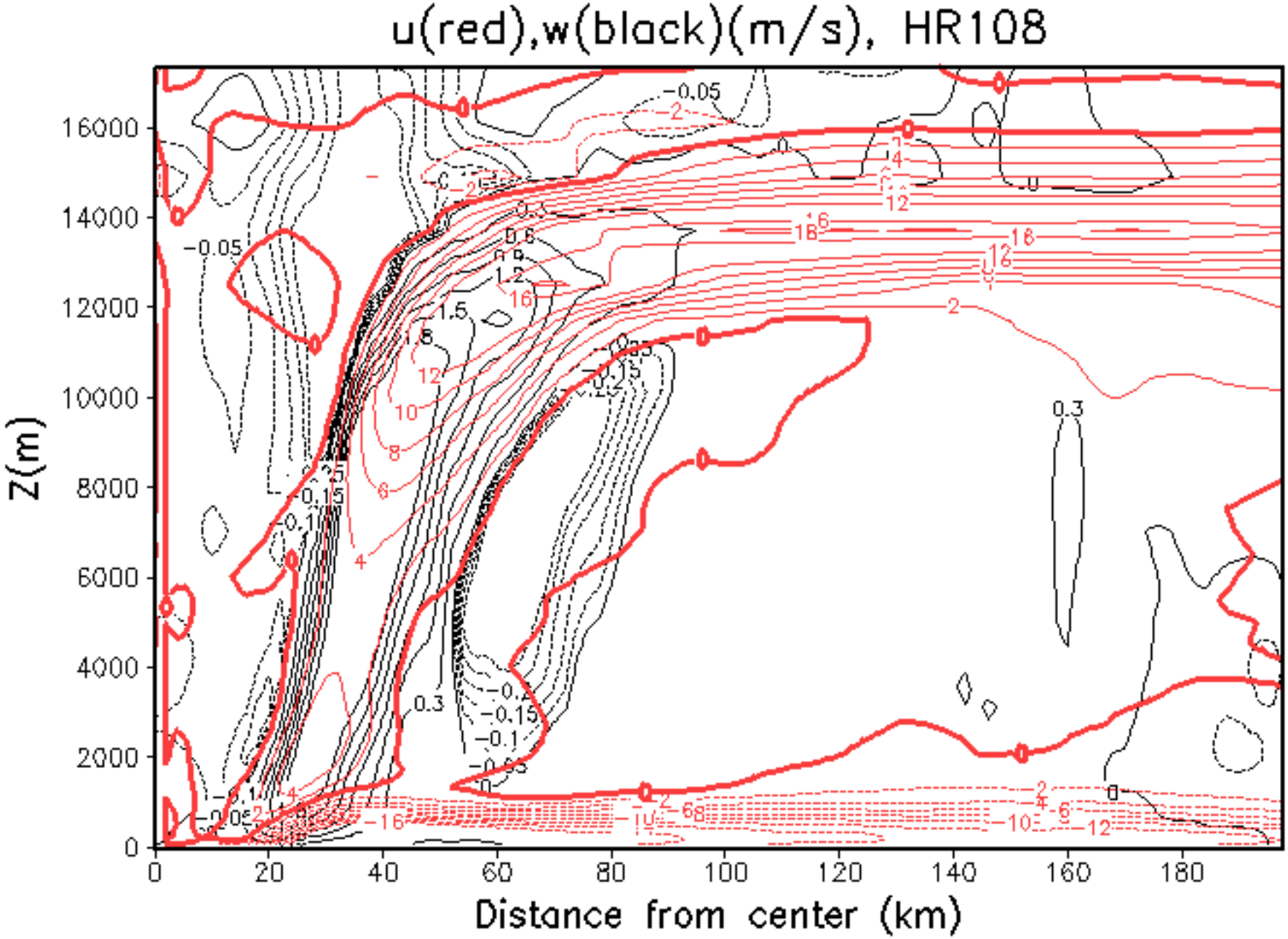
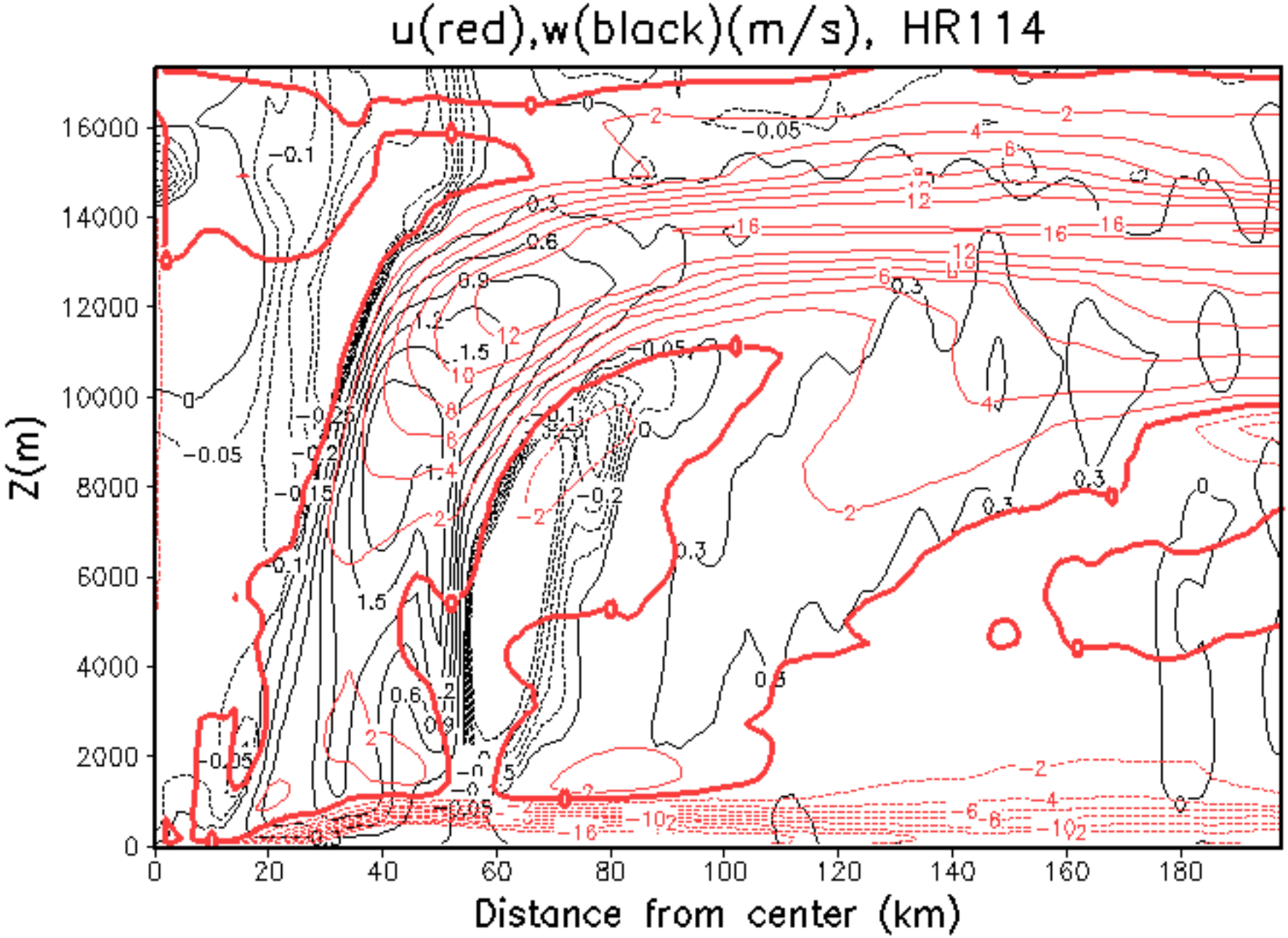
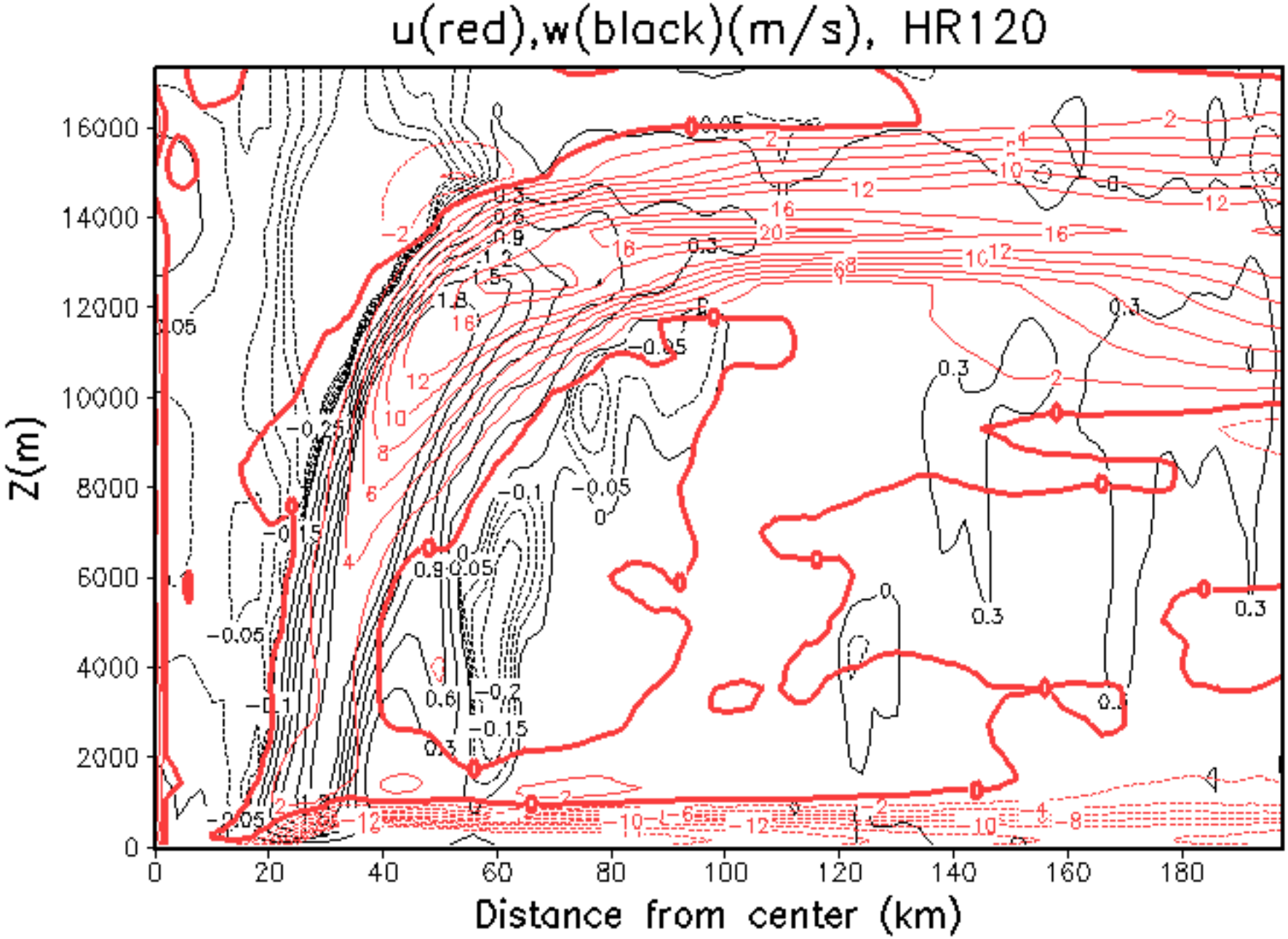
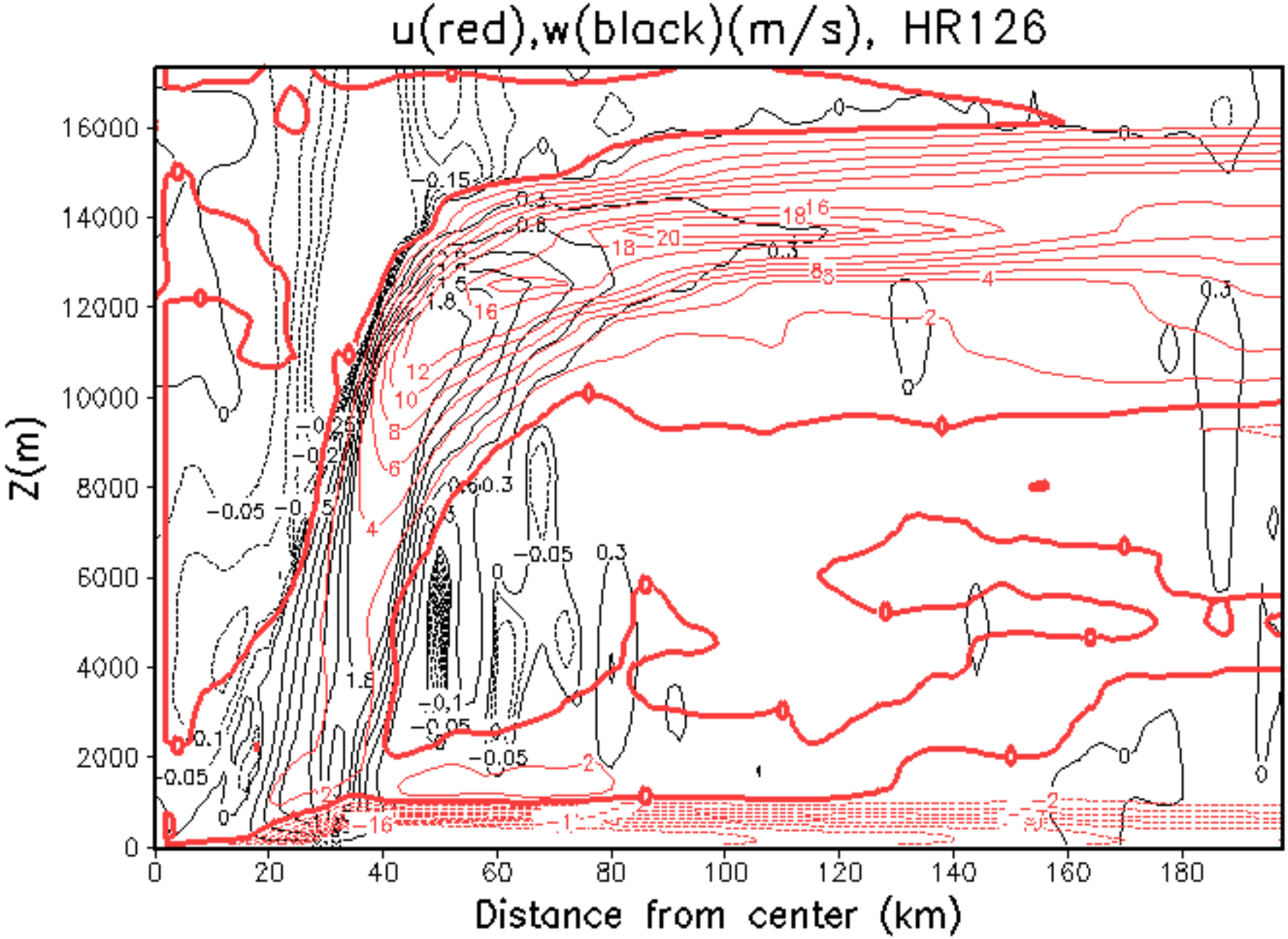
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180


u(red),w(black)(m/s), 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