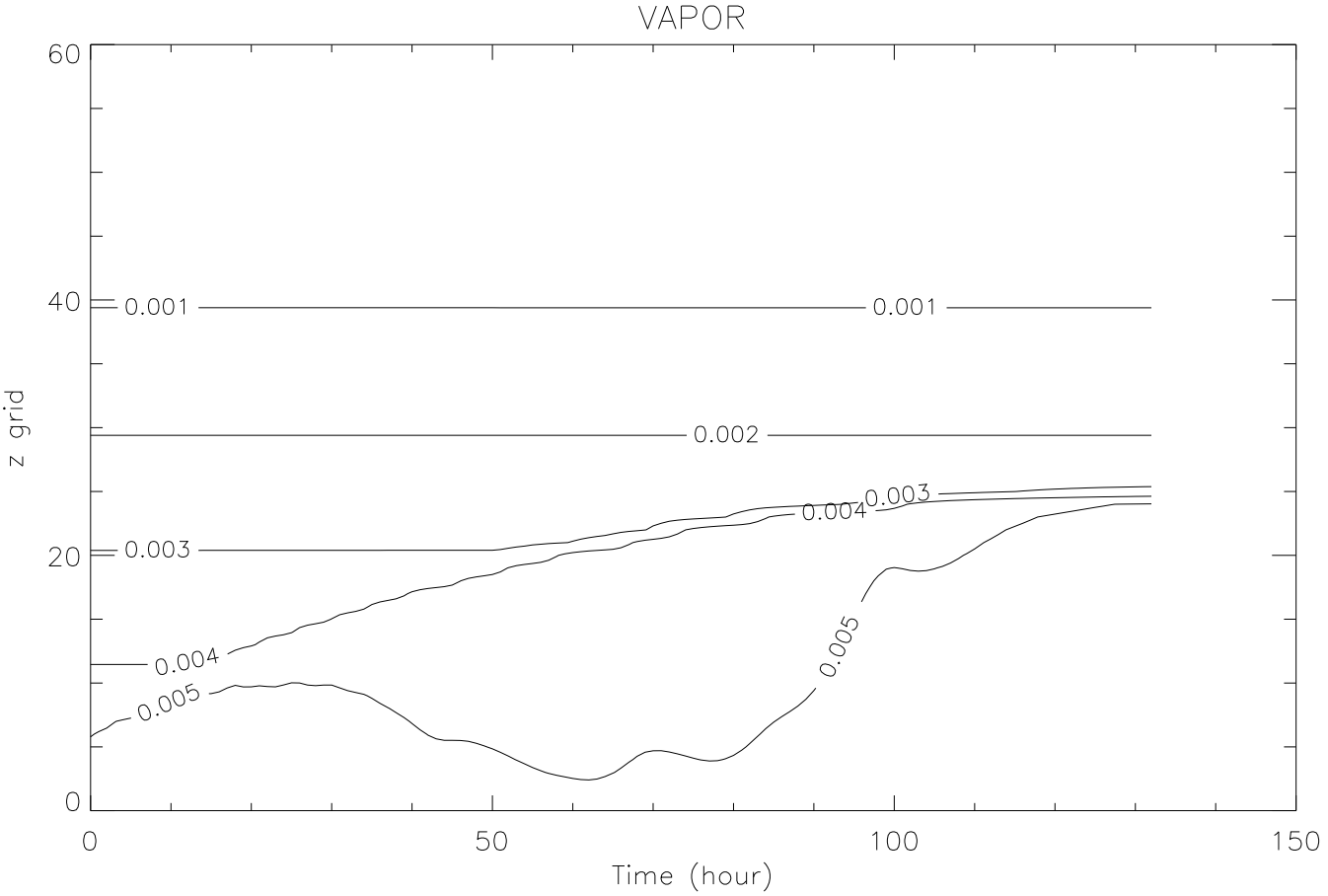
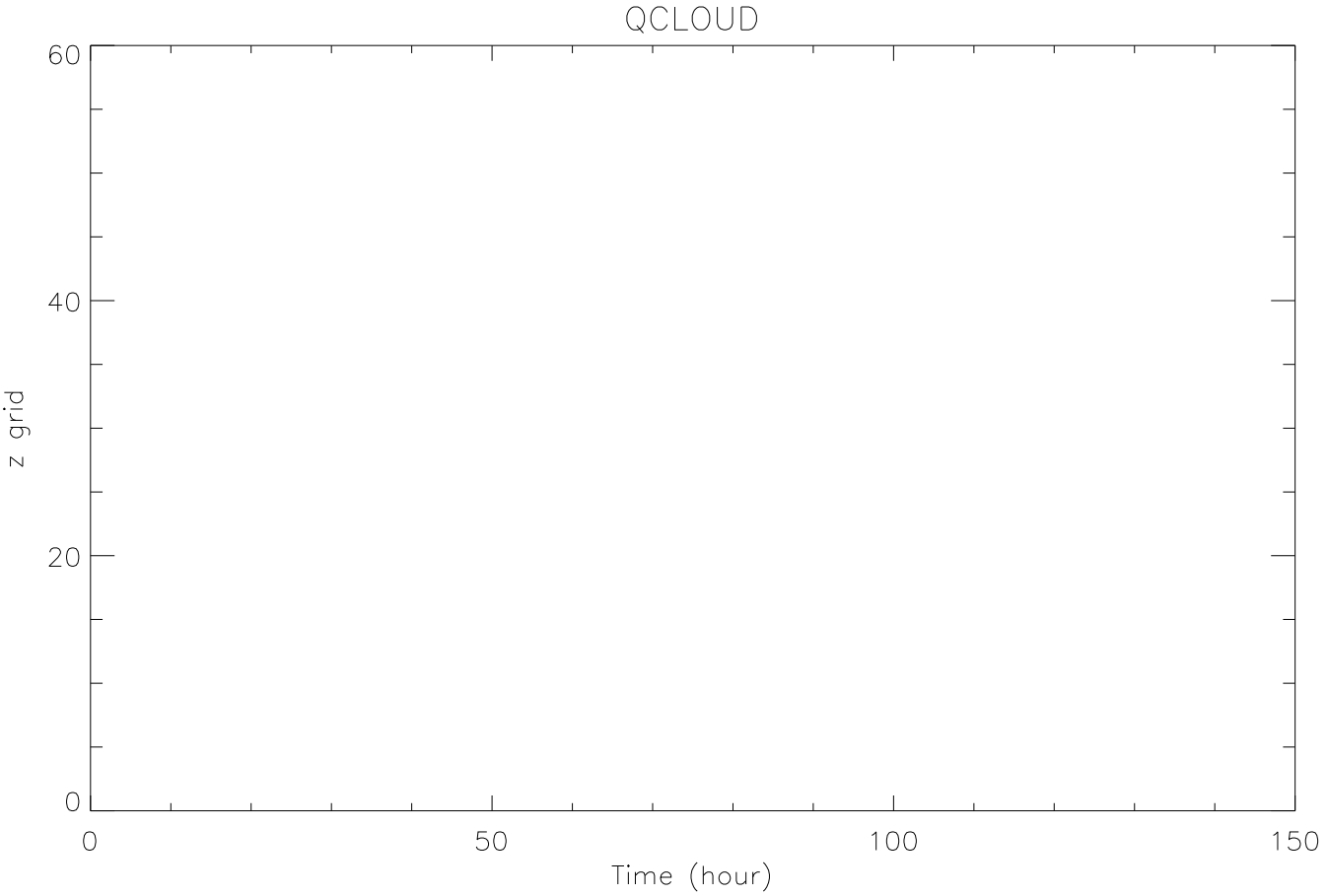
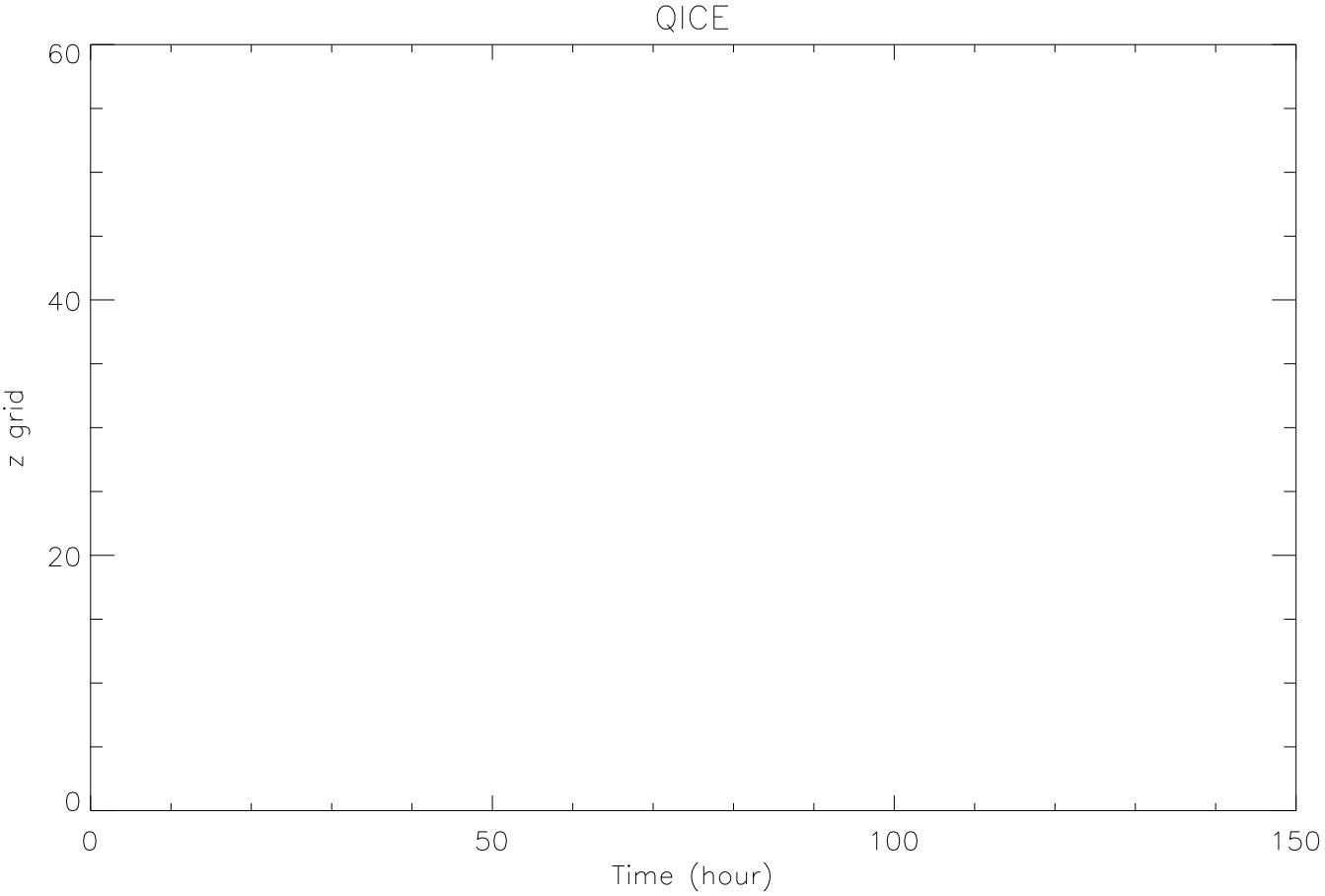
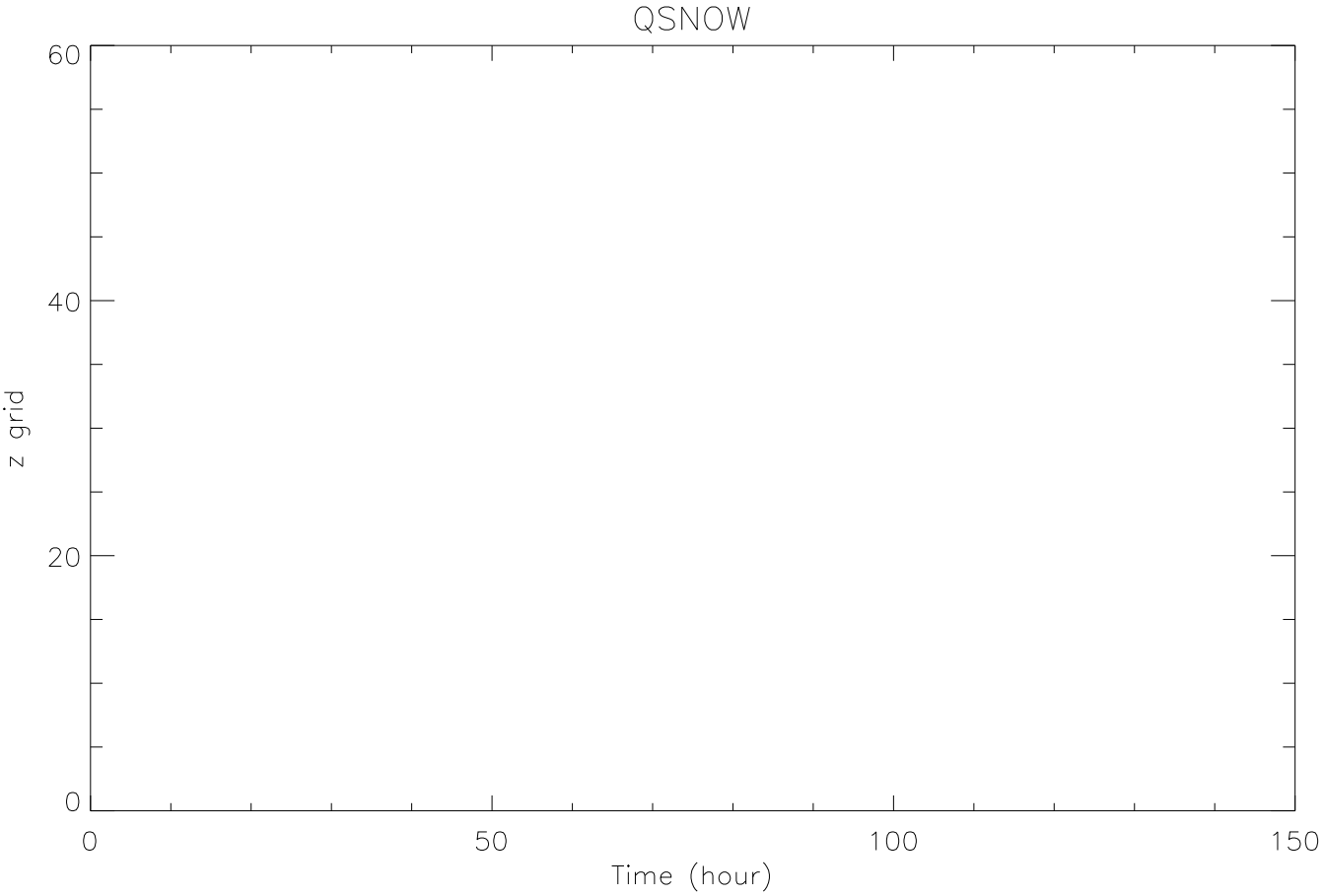
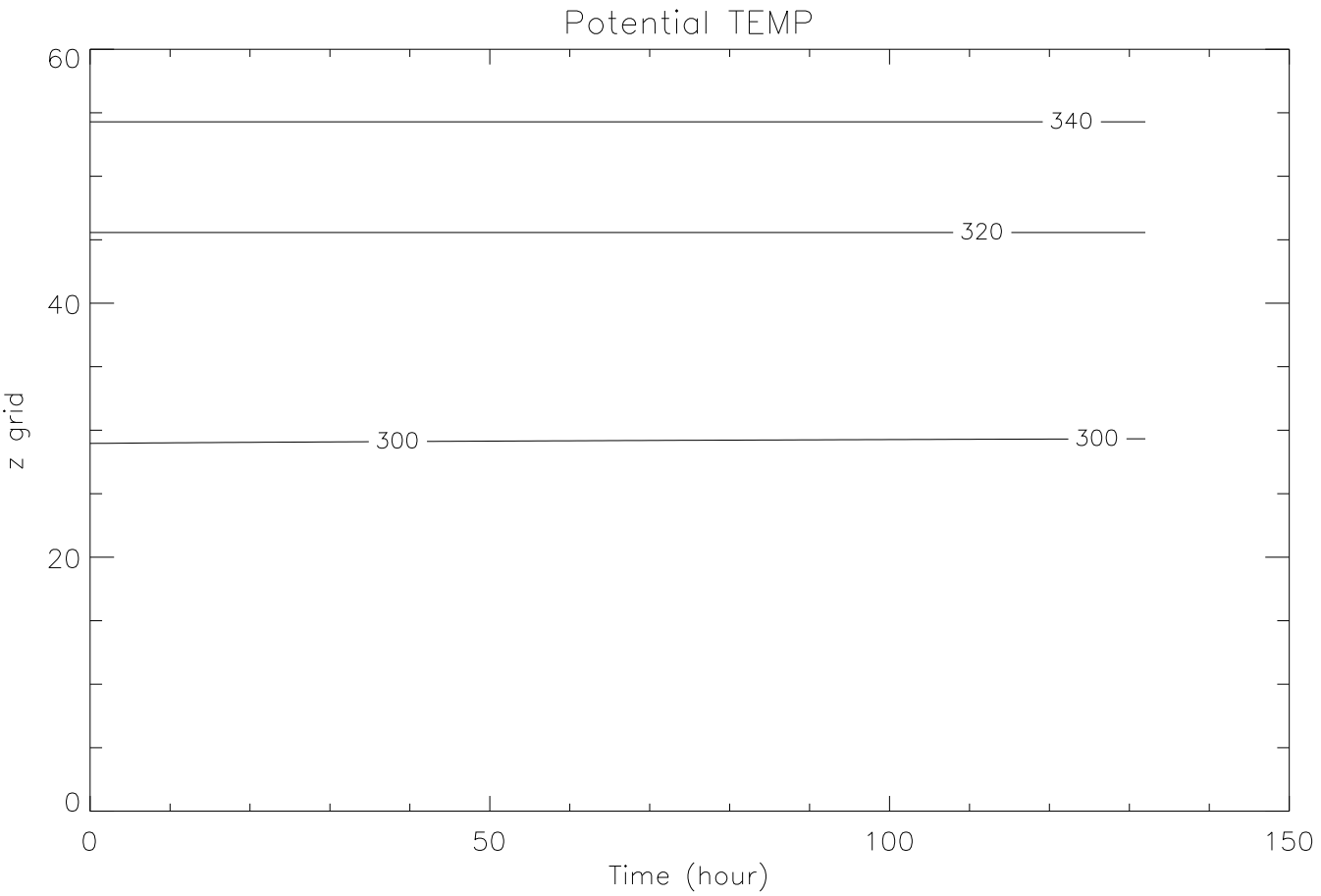
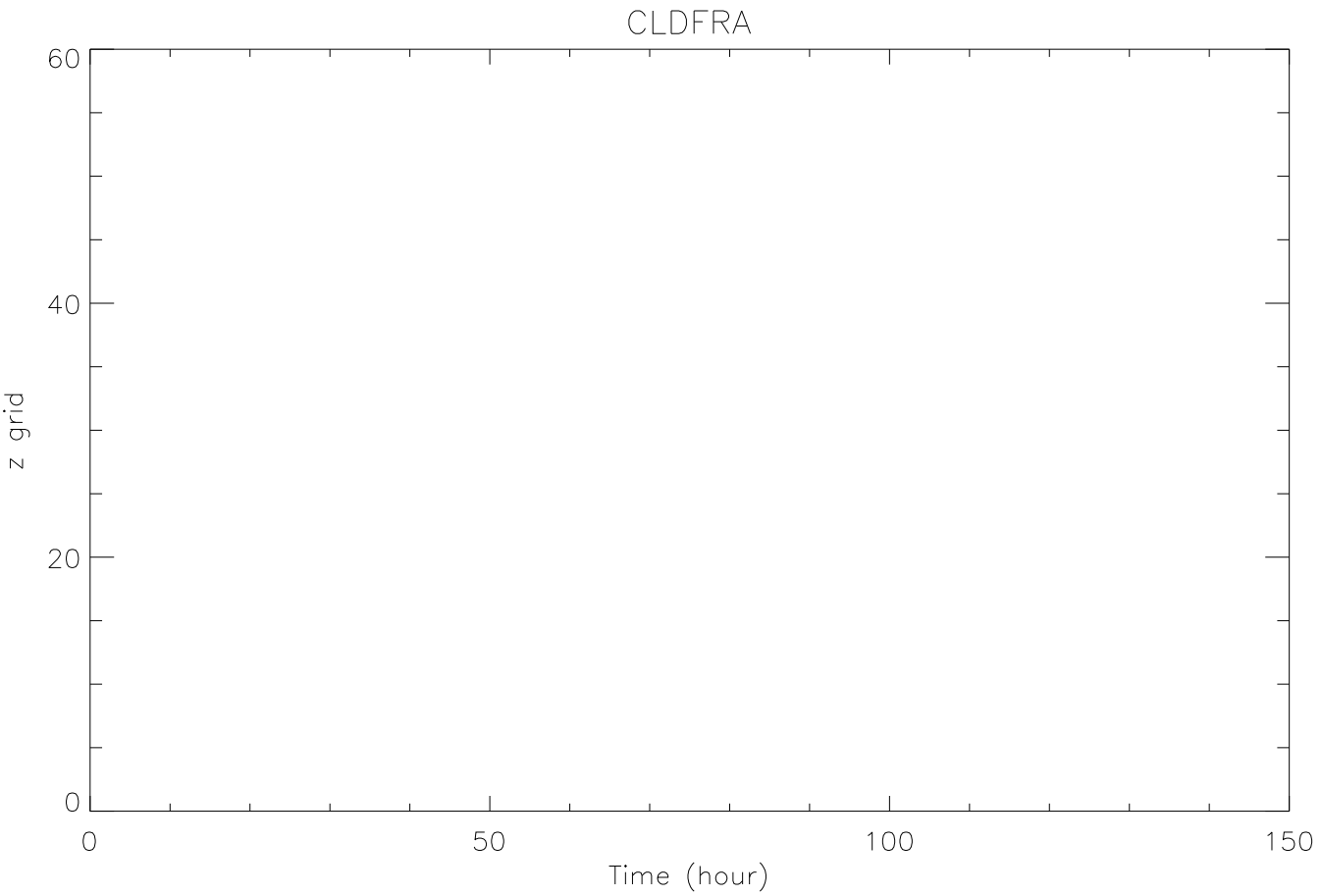

VAPOR
60
40
20
0
z grid
0.001
0.001
0.002
0.003
0.003
0.004
0.004
0.005
0.005
0
50
100
150
Time (hour)

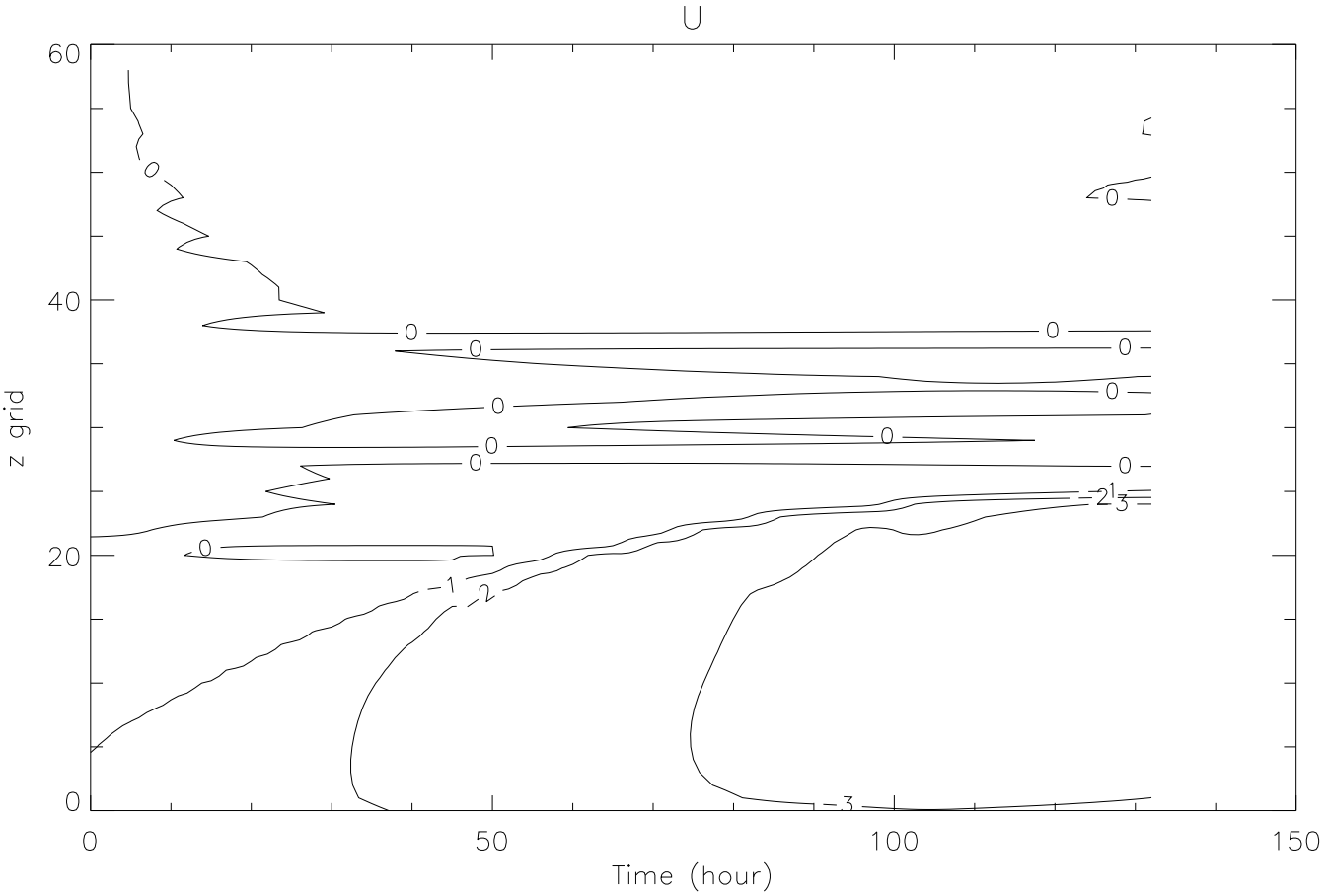

QCLOUD
60
40
20
0
z grid
0
50
100
150
Time (hour)

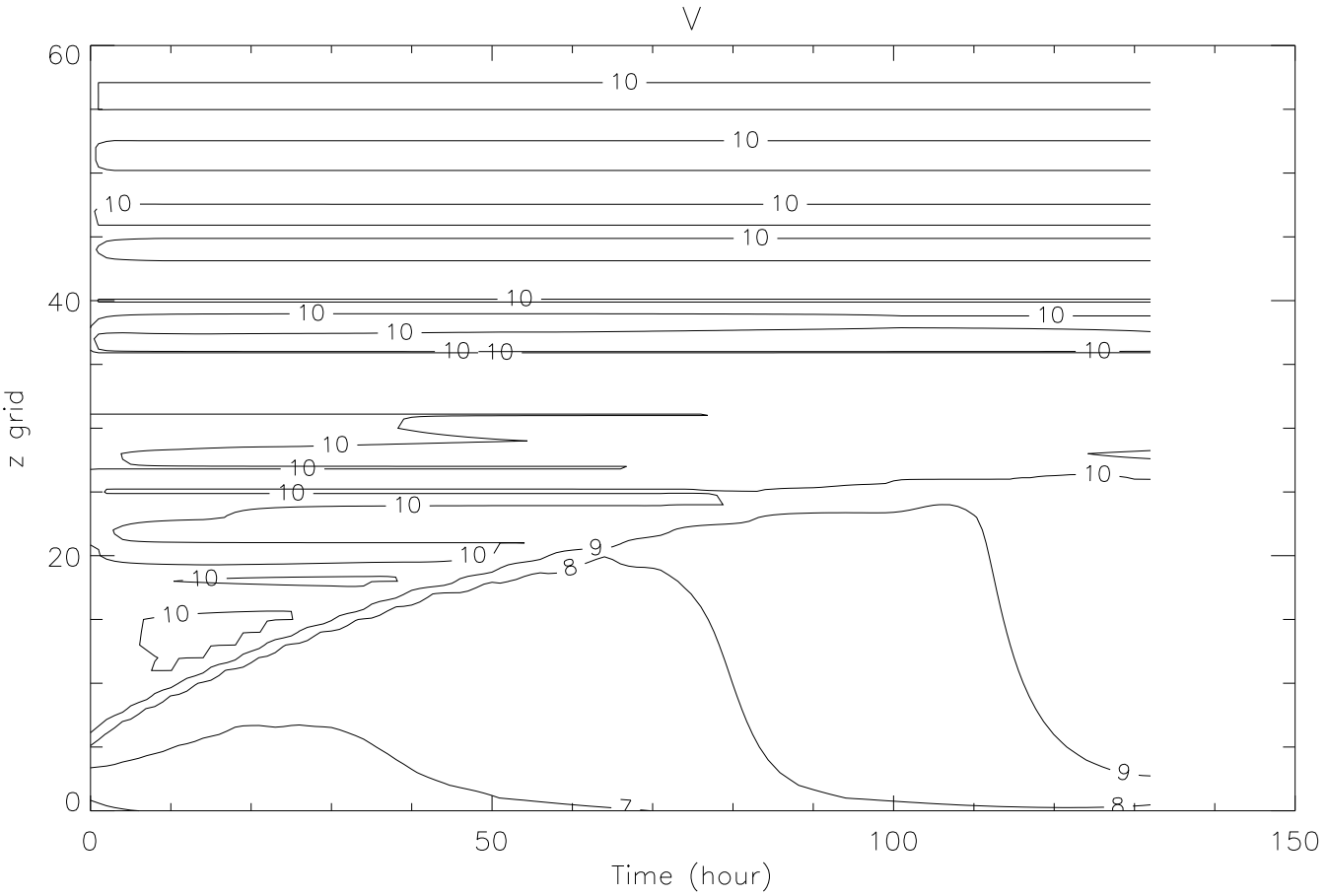

QICE
60
40
20
0
z grid
0
50
100
150
Time (hour)

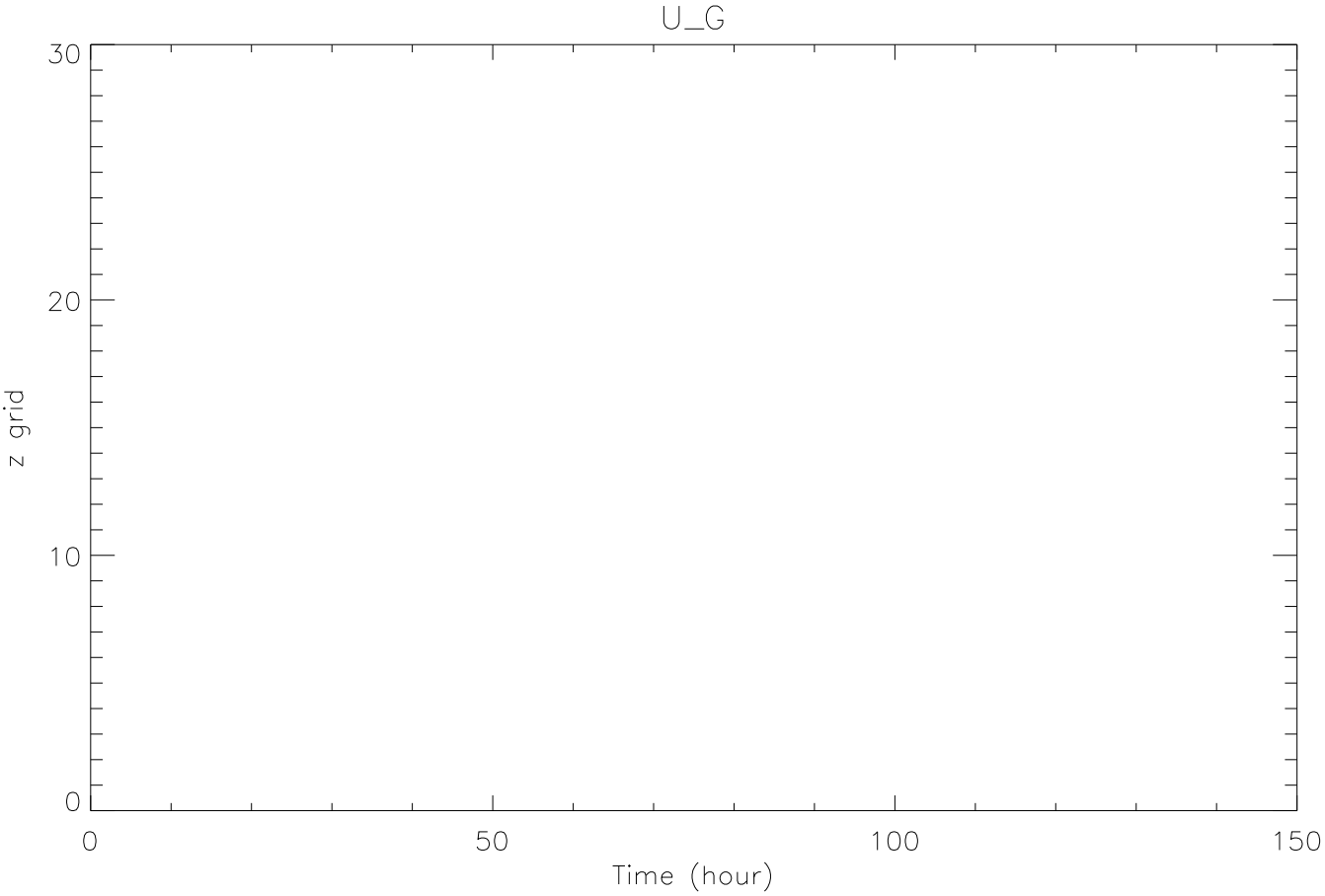

QSNOW
60
40
20
0
z grid
0
50
100
150
Time (hour)

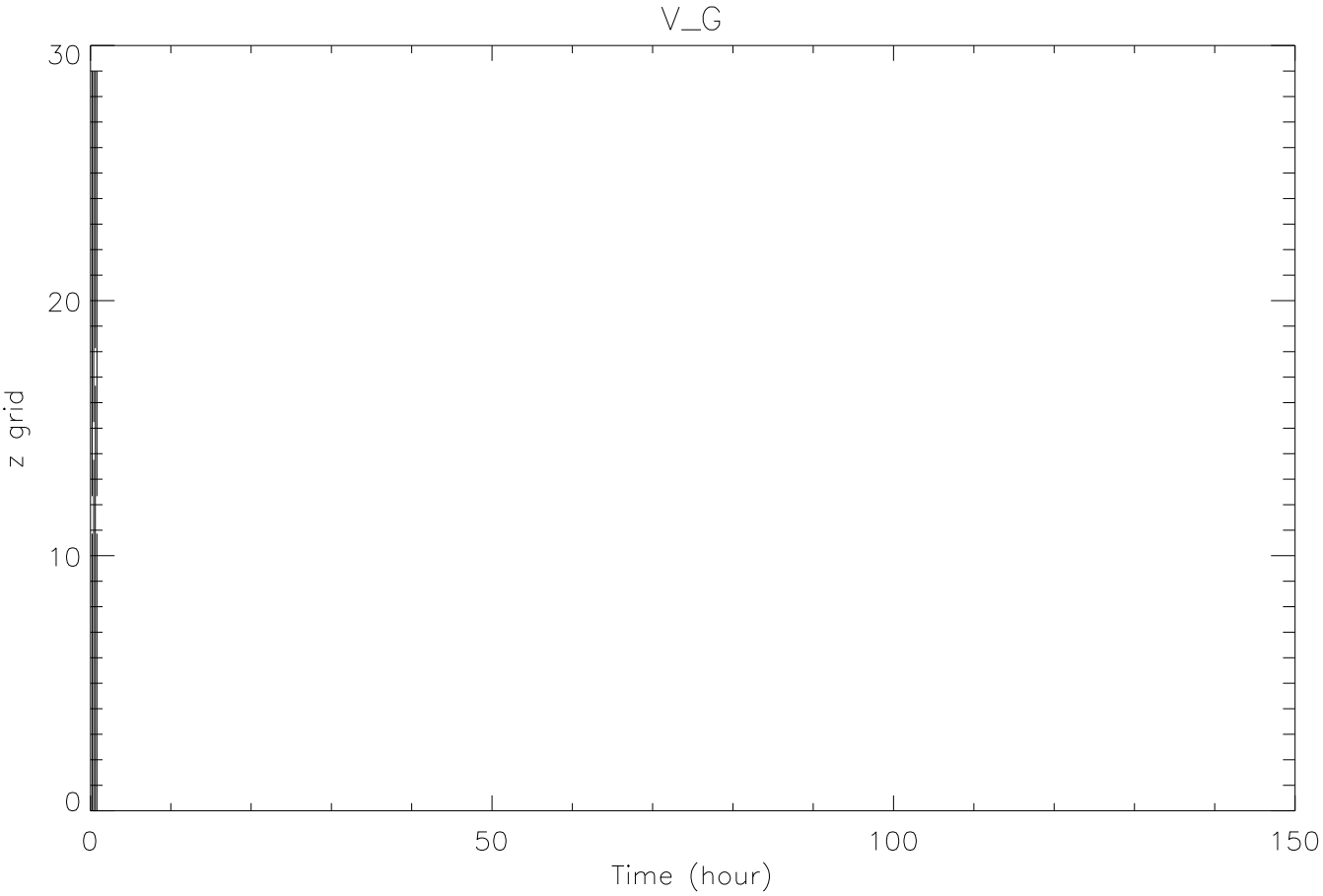

Potential TEMP
60
40
20
0
z grid
340
320
300
300
0
50
100
150
Time (hour)

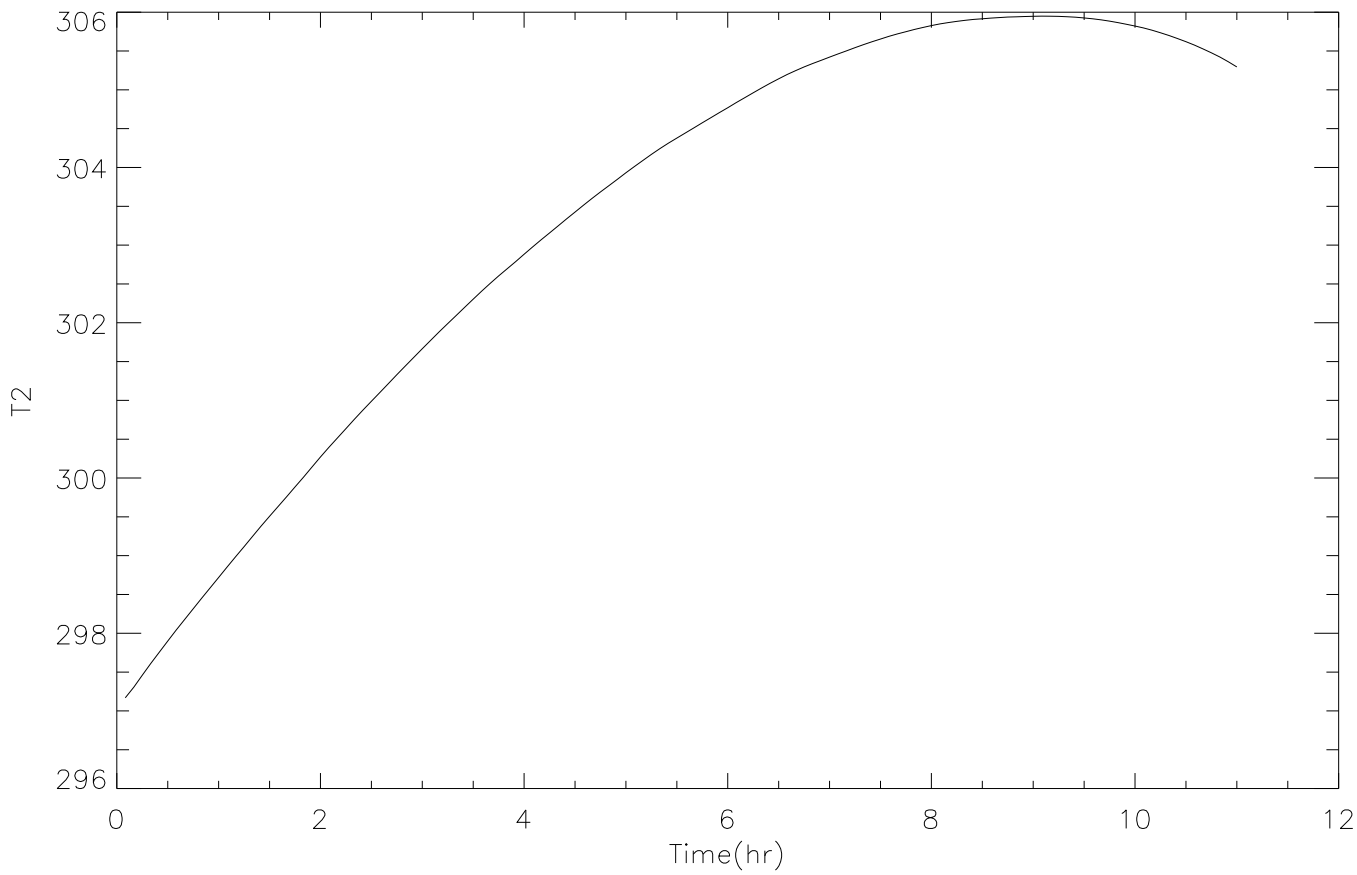

CLDFRA
60
40
20
0
z grid
0
50
100
150
Time (hour)

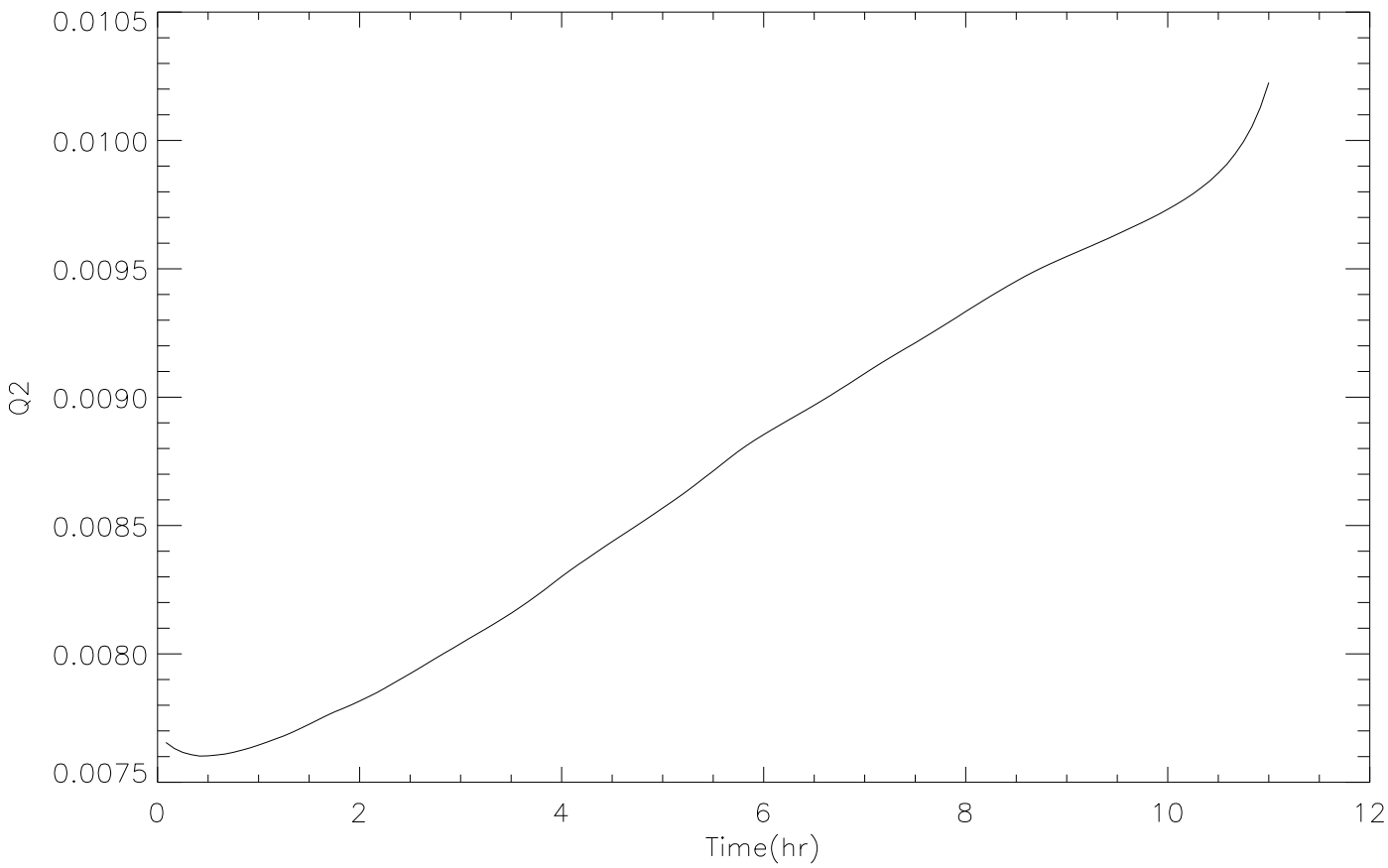

U
z grid
Time (hour)
0
20
40
60
0
50
100
150
0
-1
-2
-3

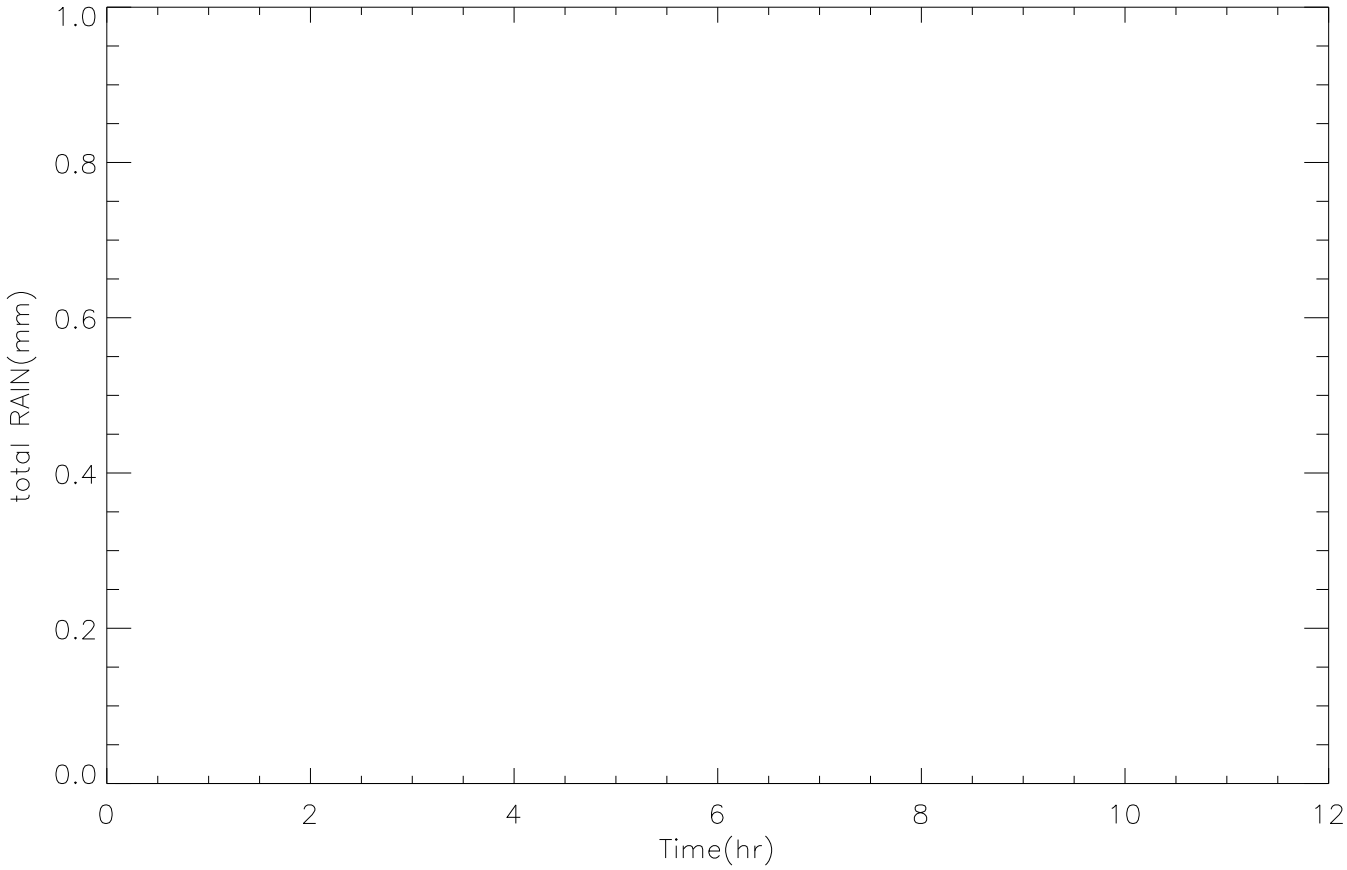

V
z grid
Time (hour)
0
20
40
60
0
50
100
150
10
9
8
7

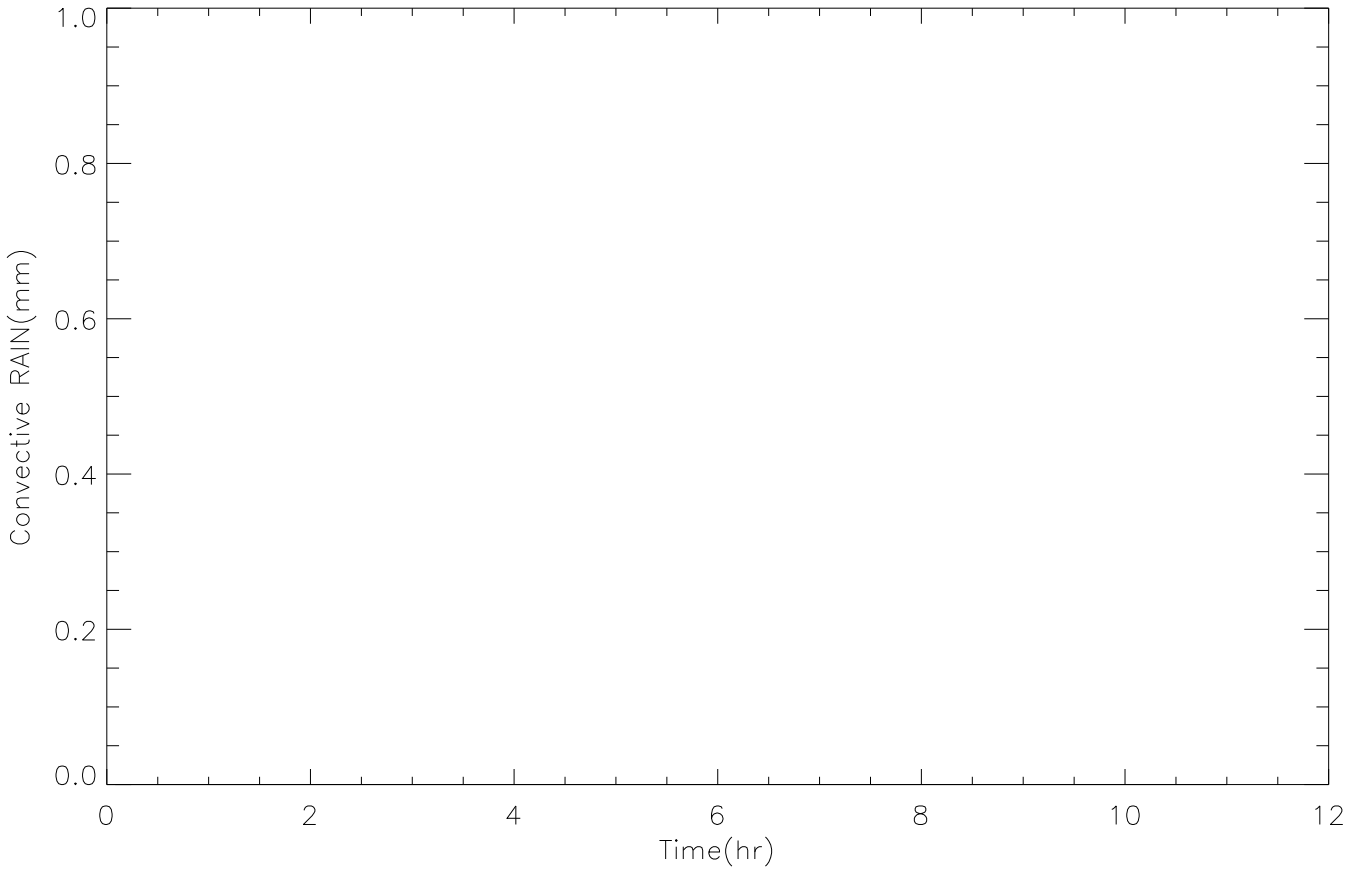

U_G
30
20
10
0
z grid
0
50
100
150
Time (hour)

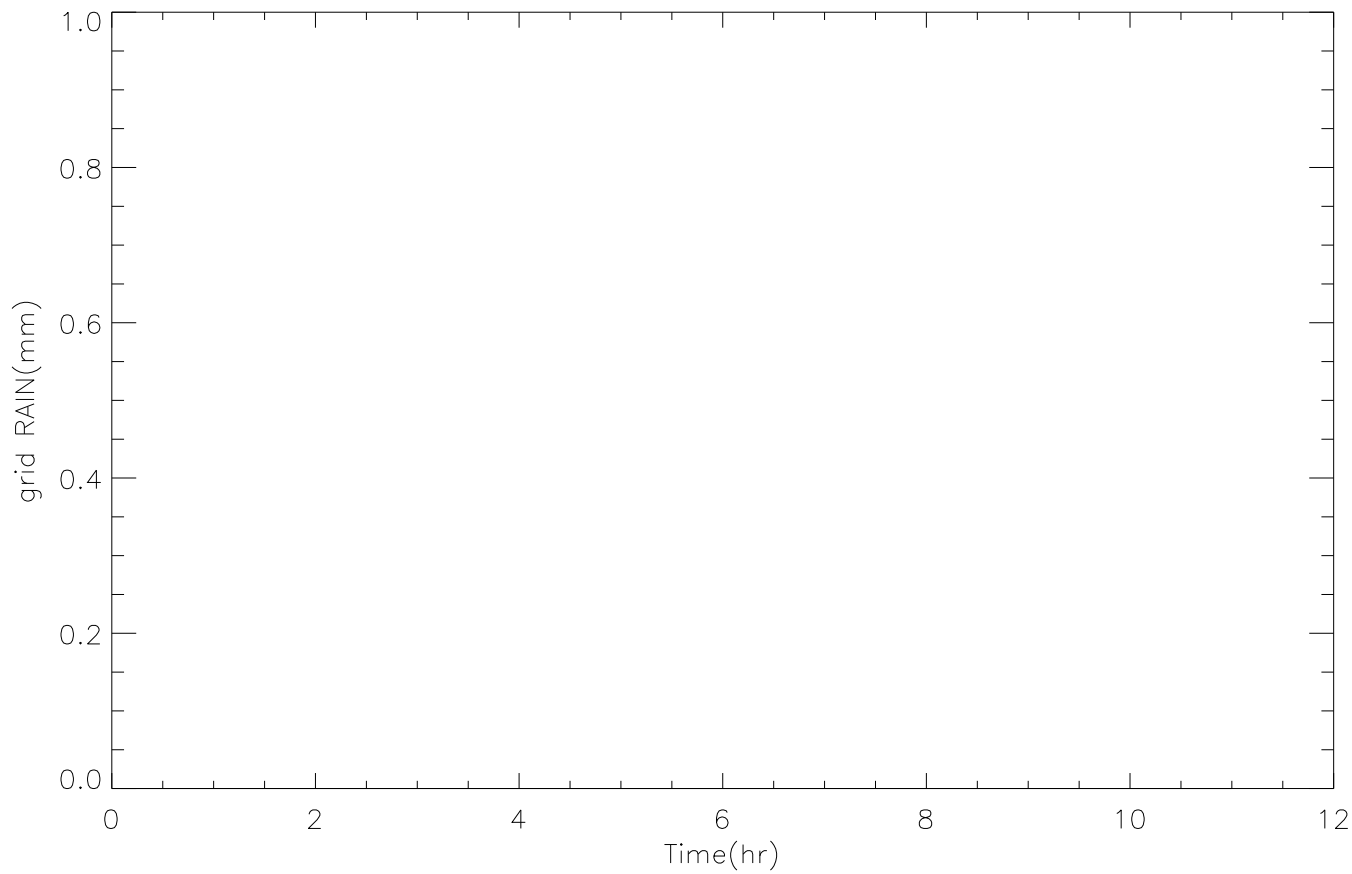

V_G
30
20
10
0
z grid
0
50
100
150
Time (hour)

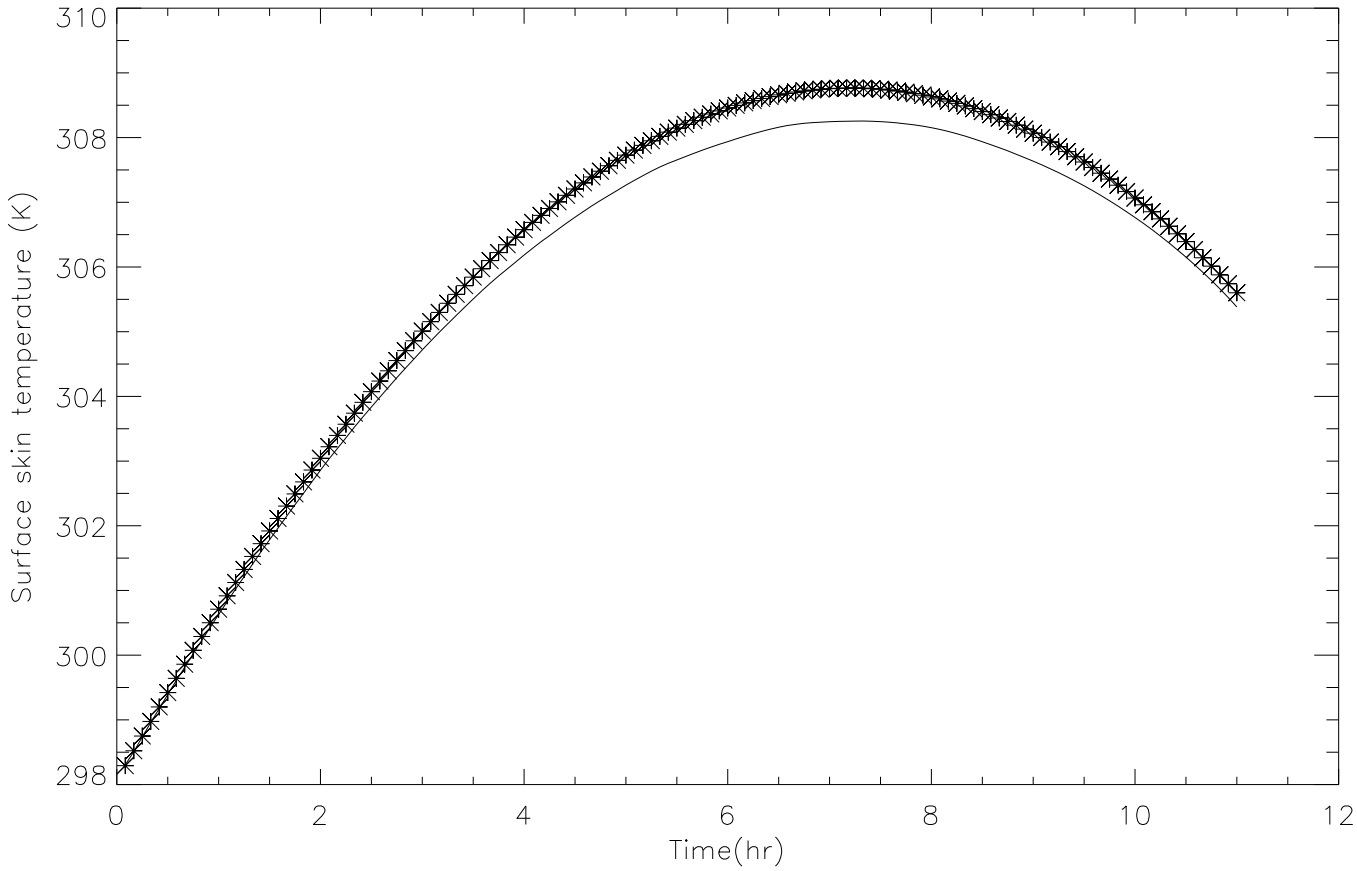

306
304
302
300
298
296
T2
0
2
4
6
8
10
12
Time(hr)

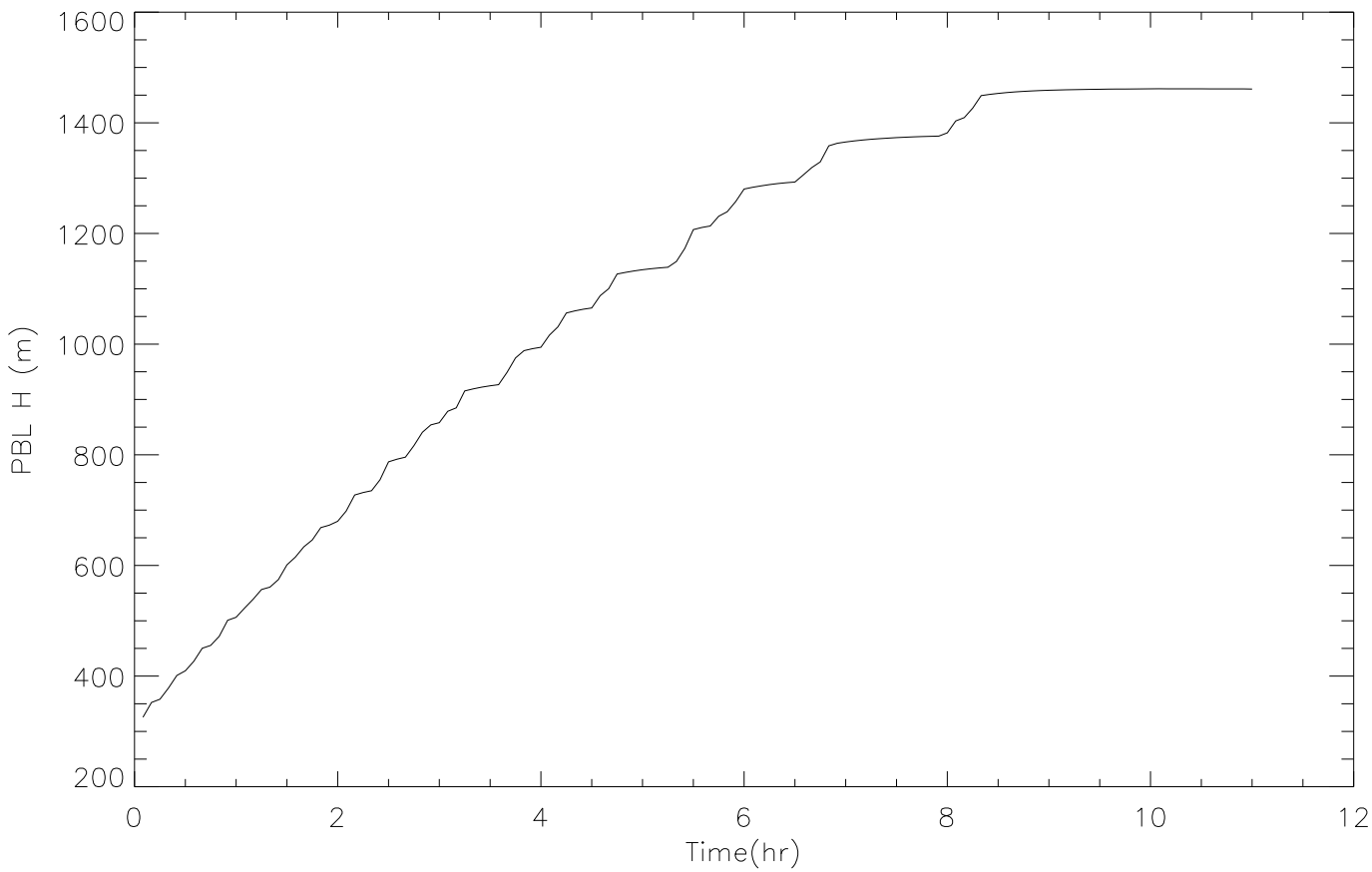

0.0105
0.0100
0.0095
0.0090
0.0085
0.0080
0.0075
Q2
0
2
4
6
8
10
12
Time(hr)

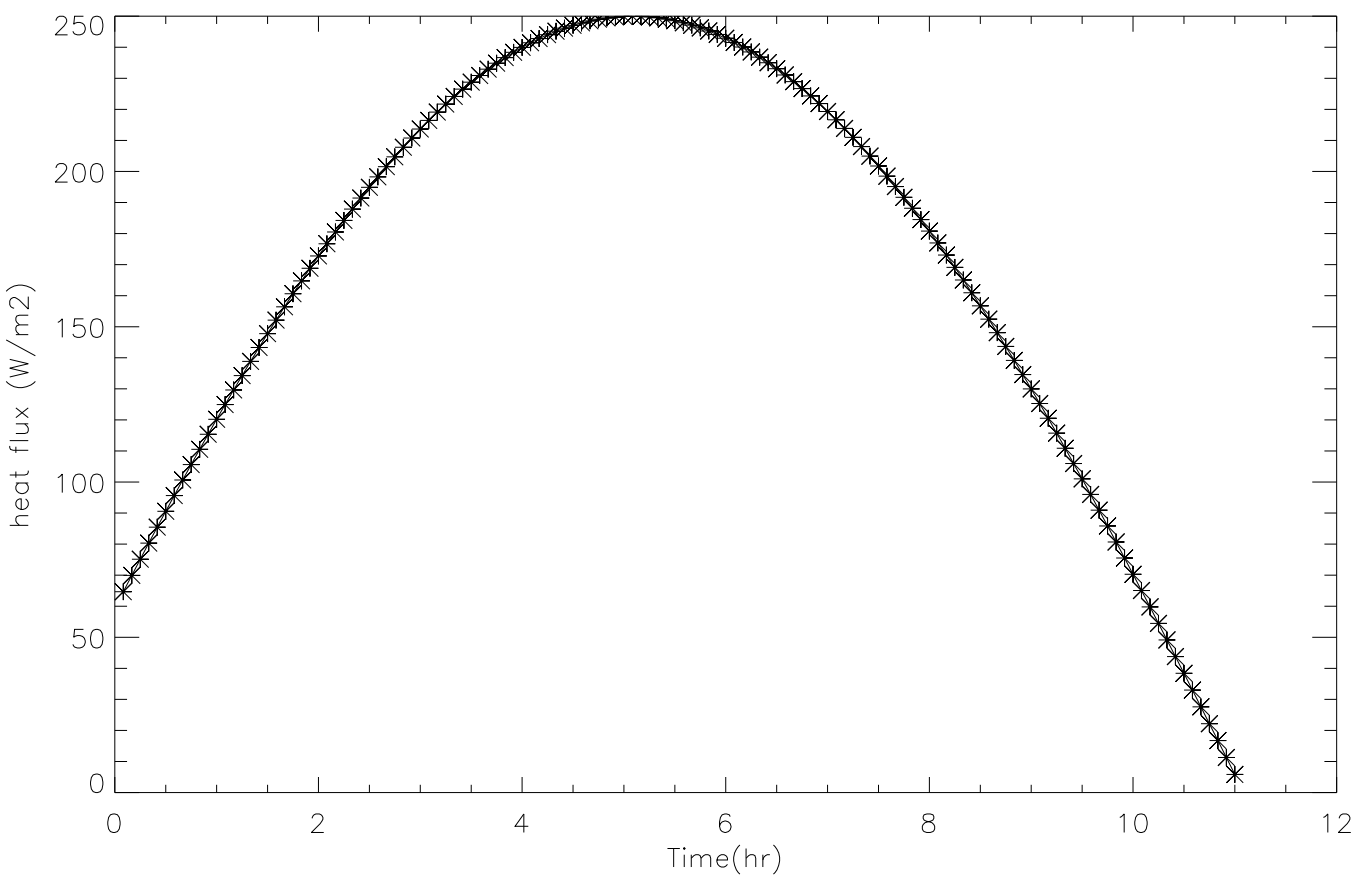

1.0
0.8
0.6
0.4
0.2
0.0
total RAIN(mm)
0
2
4
6
8
10
12
Time(hr)

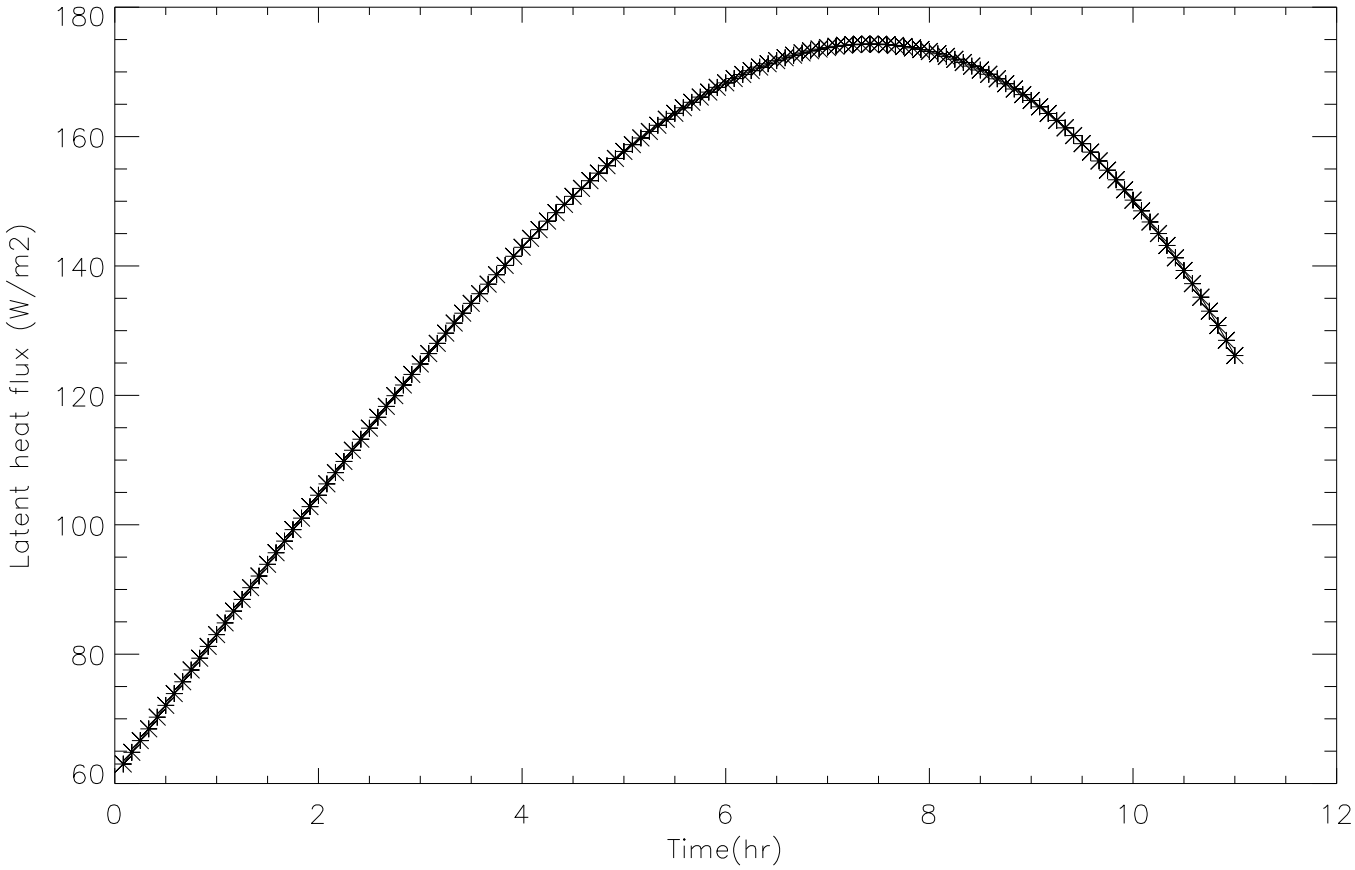

1.0
0.8
0.6
0.4
0.2
0.0
Convective RAIN(mm)
0
2
4
6
8
10
12
Time(hr)


1.0
0.8
0.6
0.4
0.2
0.0
grid RAIN(mm)
0
2
4
6
8
10
12
Time(hr)


310
308
306
304
302
300
298
Surface skin temperature (K)
0
2
4
6
8
10
12
Time(hr)


1600
1400
1200
1000
800
600
400
200
PBL H (m)
0
2
4
6
8
10
12
Time(hr)


250
200
150
100
50
0
heat flux (W/m2)
0
2
4
6
8
10
12
Time(hr)


180
160
140
120
100
80
60
Latent heat flux (W/m2)
0
2
4
6
8
10
12
Time(hr)