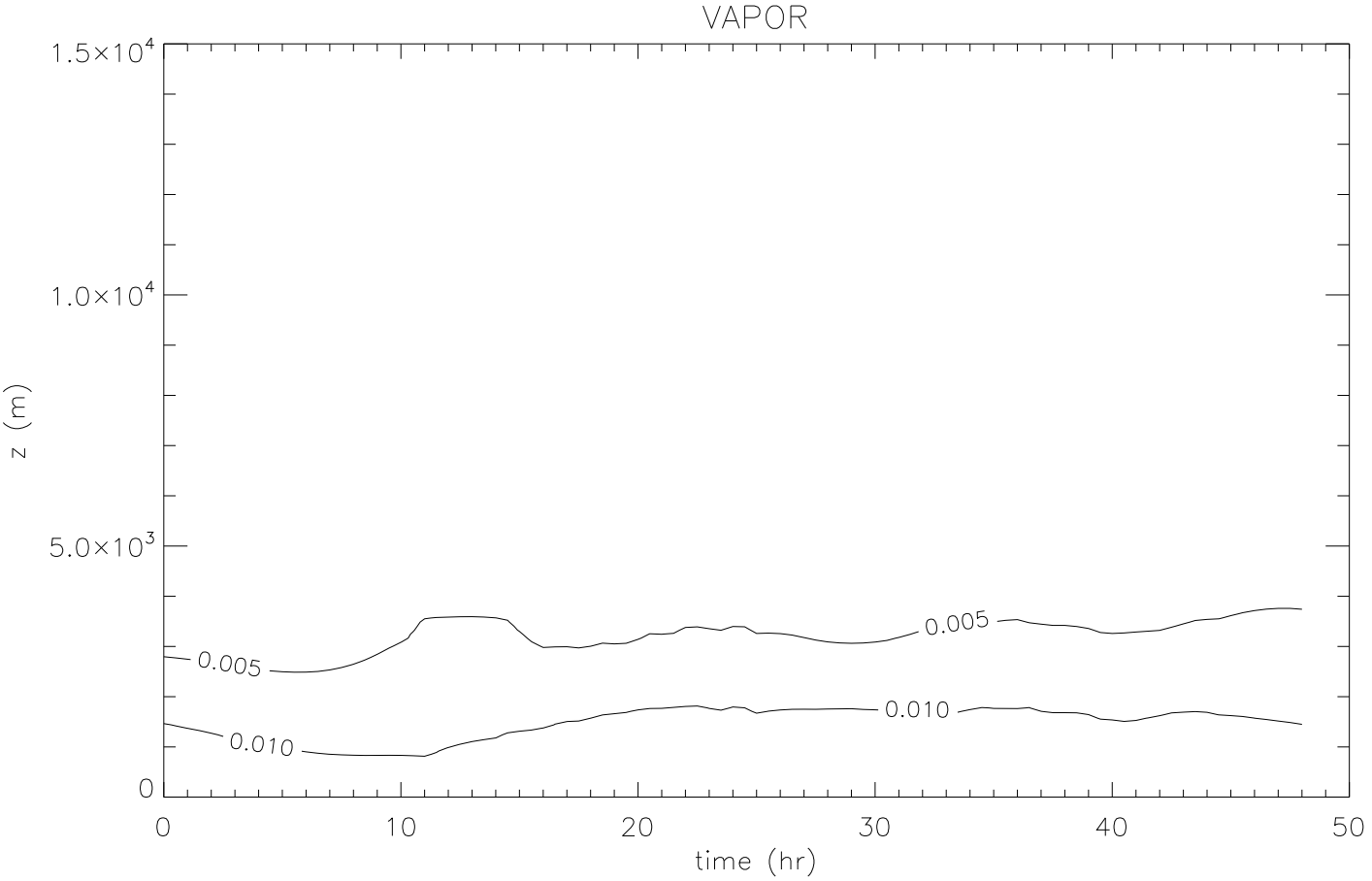
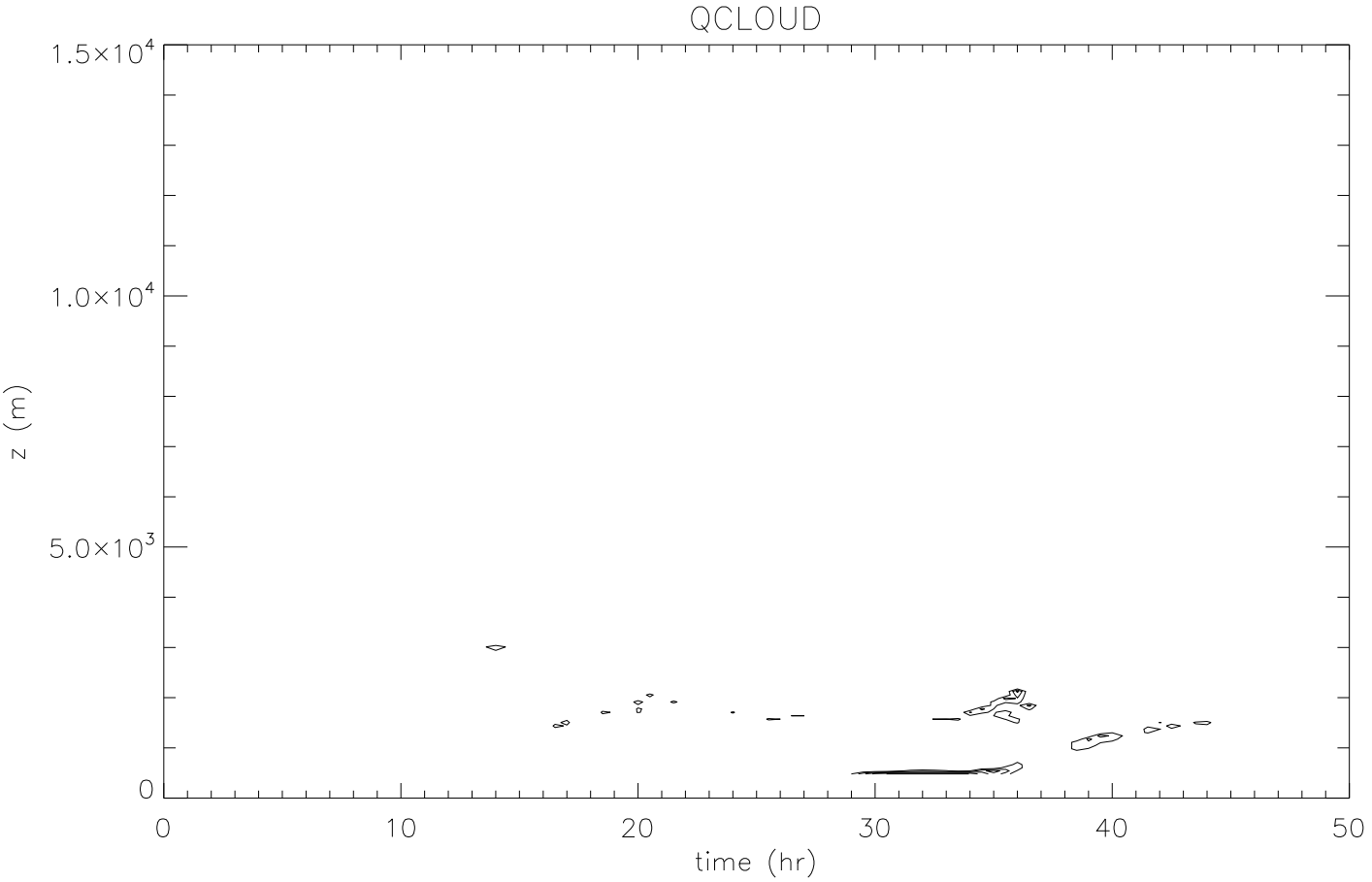
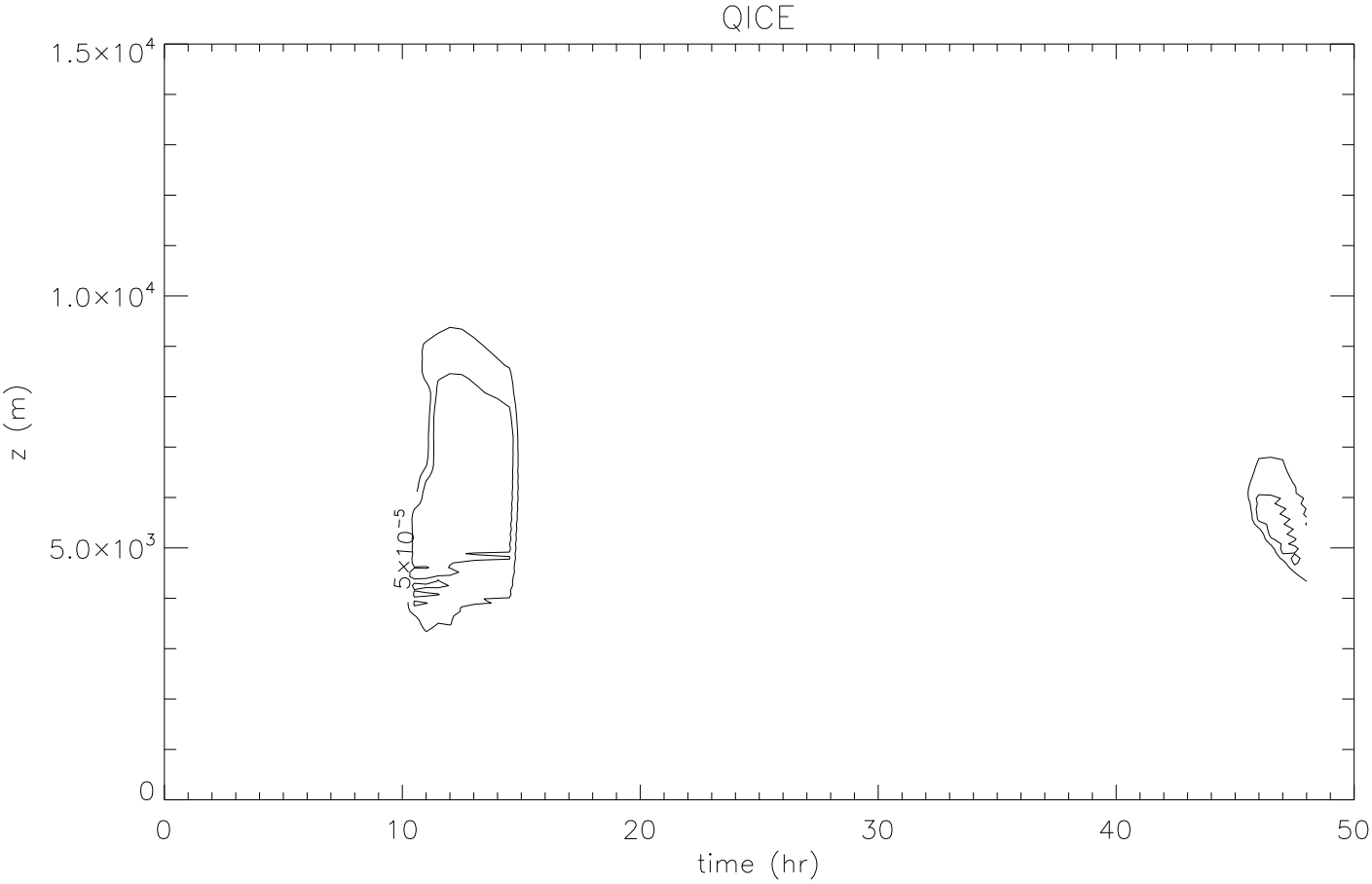
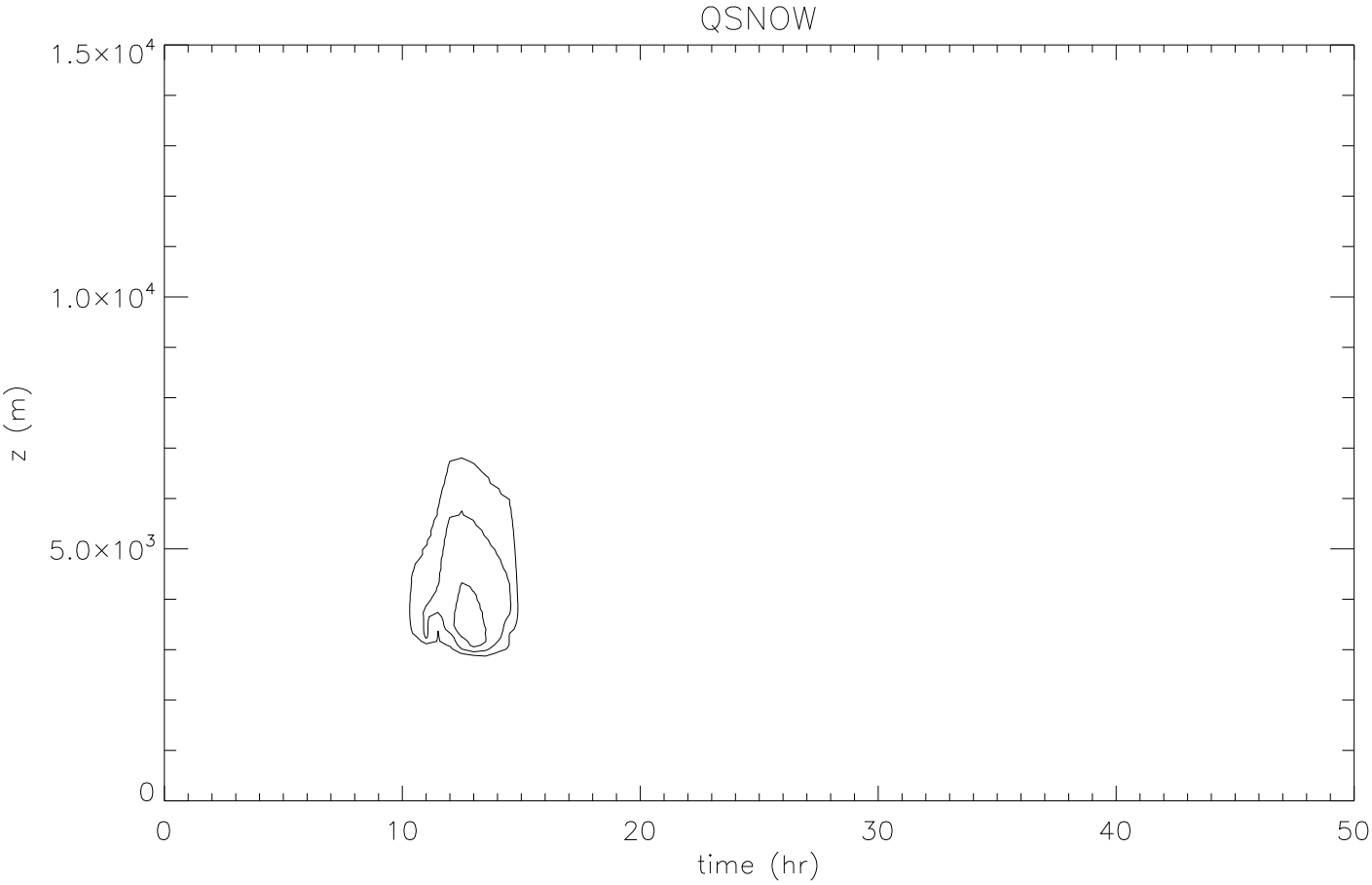
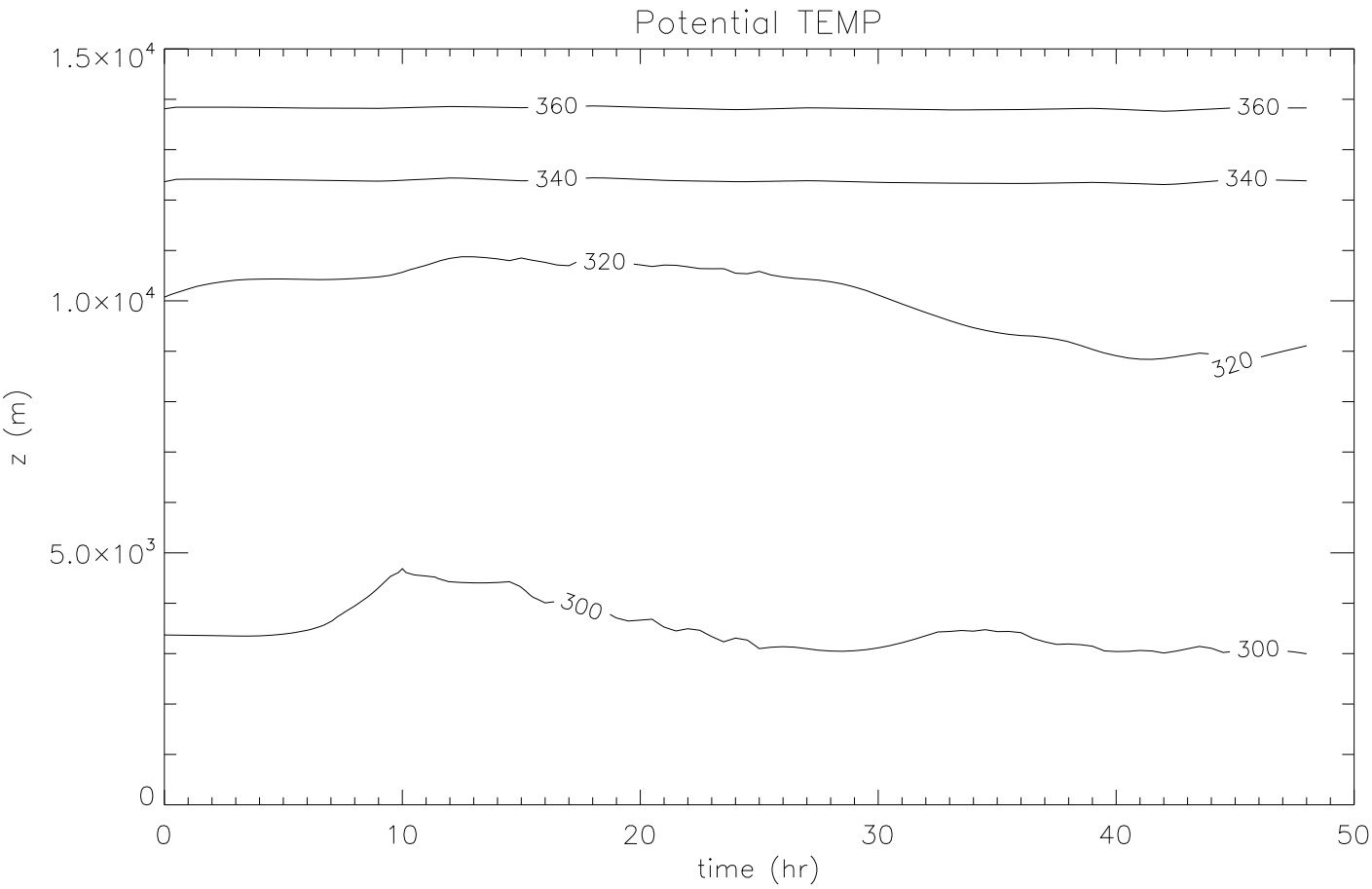
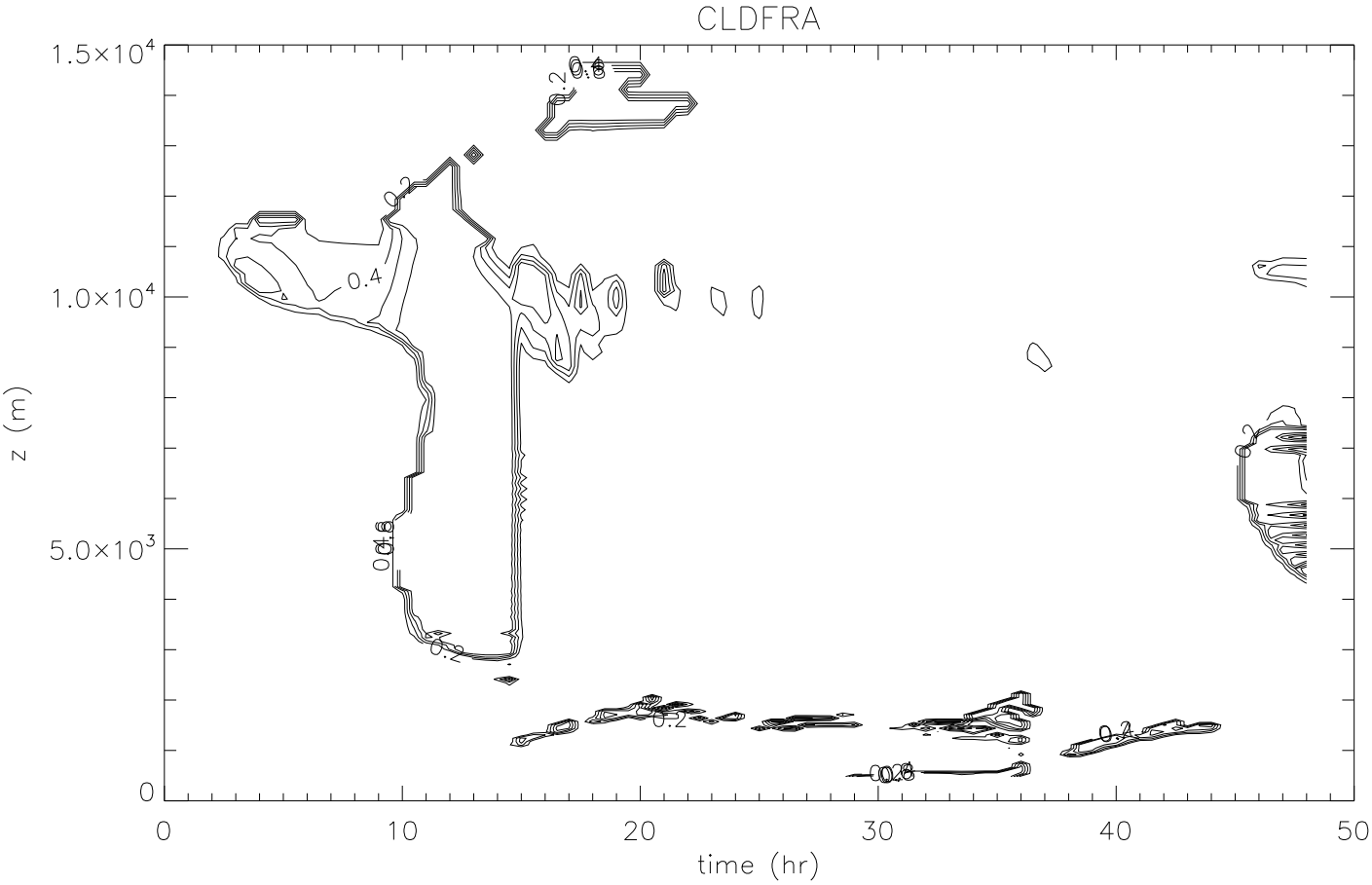

VAPOR
1.5×10^4
1.0×10^4
5.0×10^3
0
z (m)
0.005
0.005
0.010
0.010
0
10
20
30
40
50
time (hr)

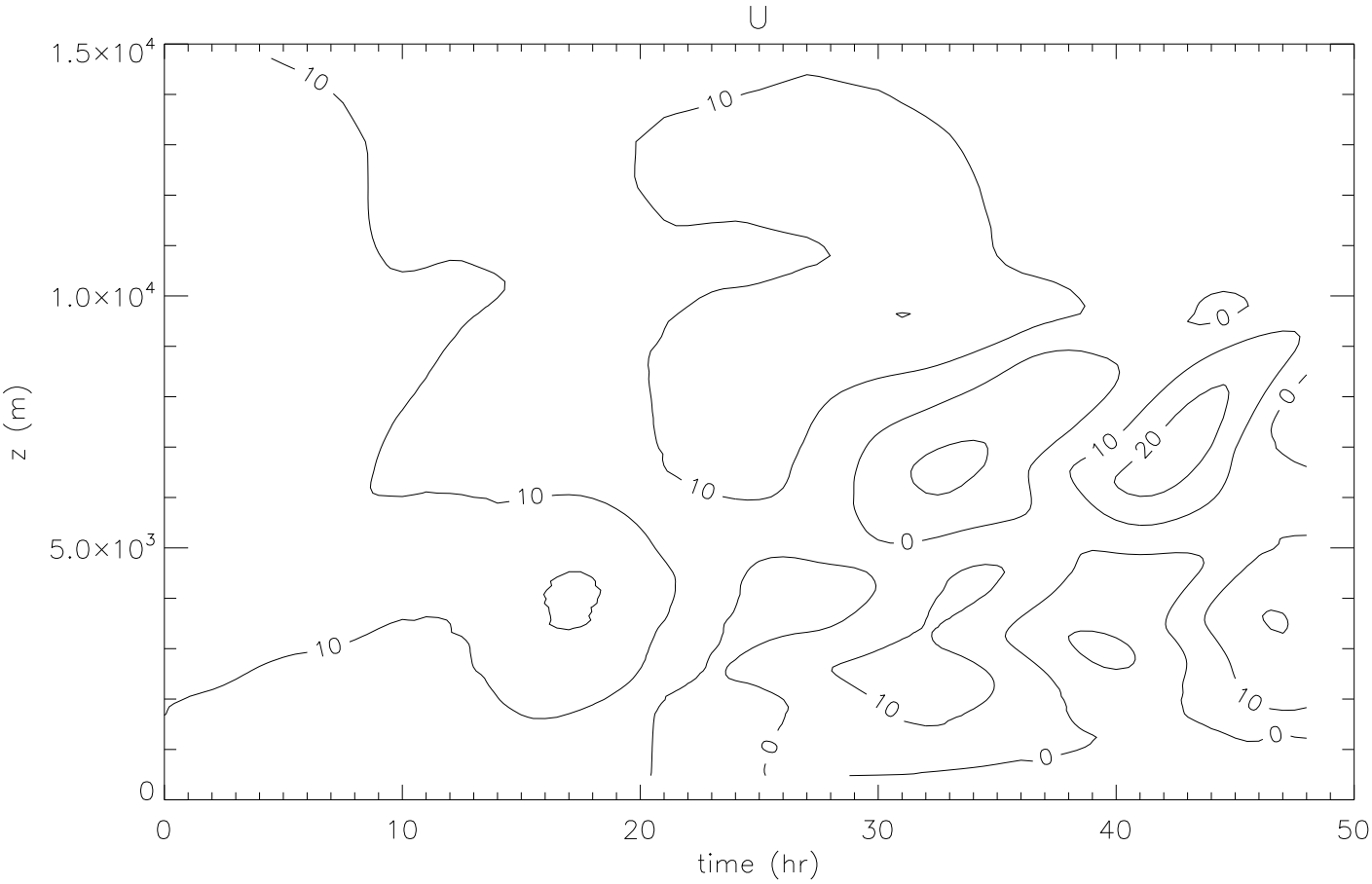

QCLOUD
1.5×10^4
1.0×10^4
5.0×10^3
0
z (m)
0
10
20
30
40
50
time (hr)

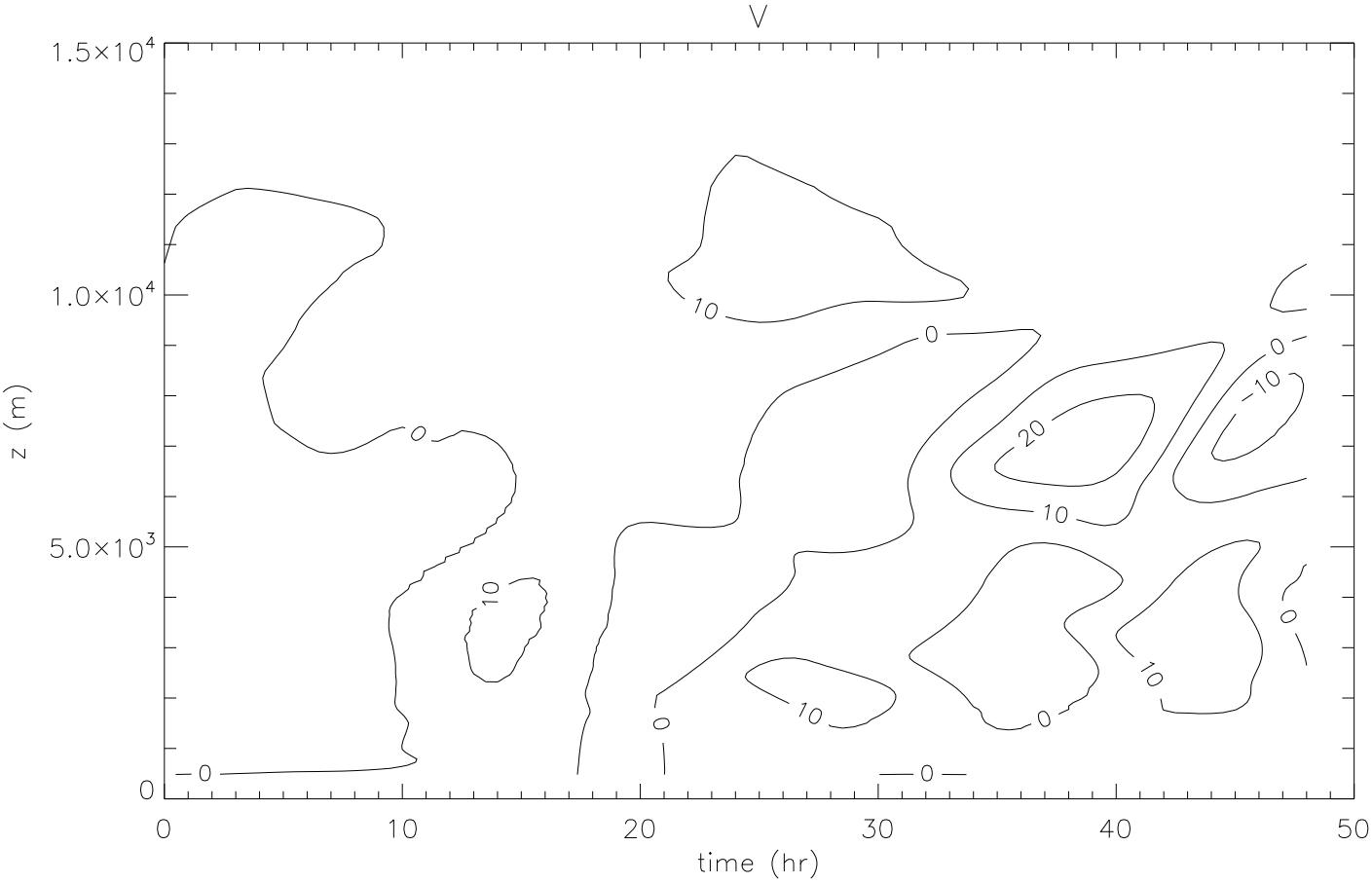

QICE
1.5×10^4
1.0×10^4
5.0×10^3
0
z (m)
5×10^-5
0
10
20
30
40
50
time (hr)

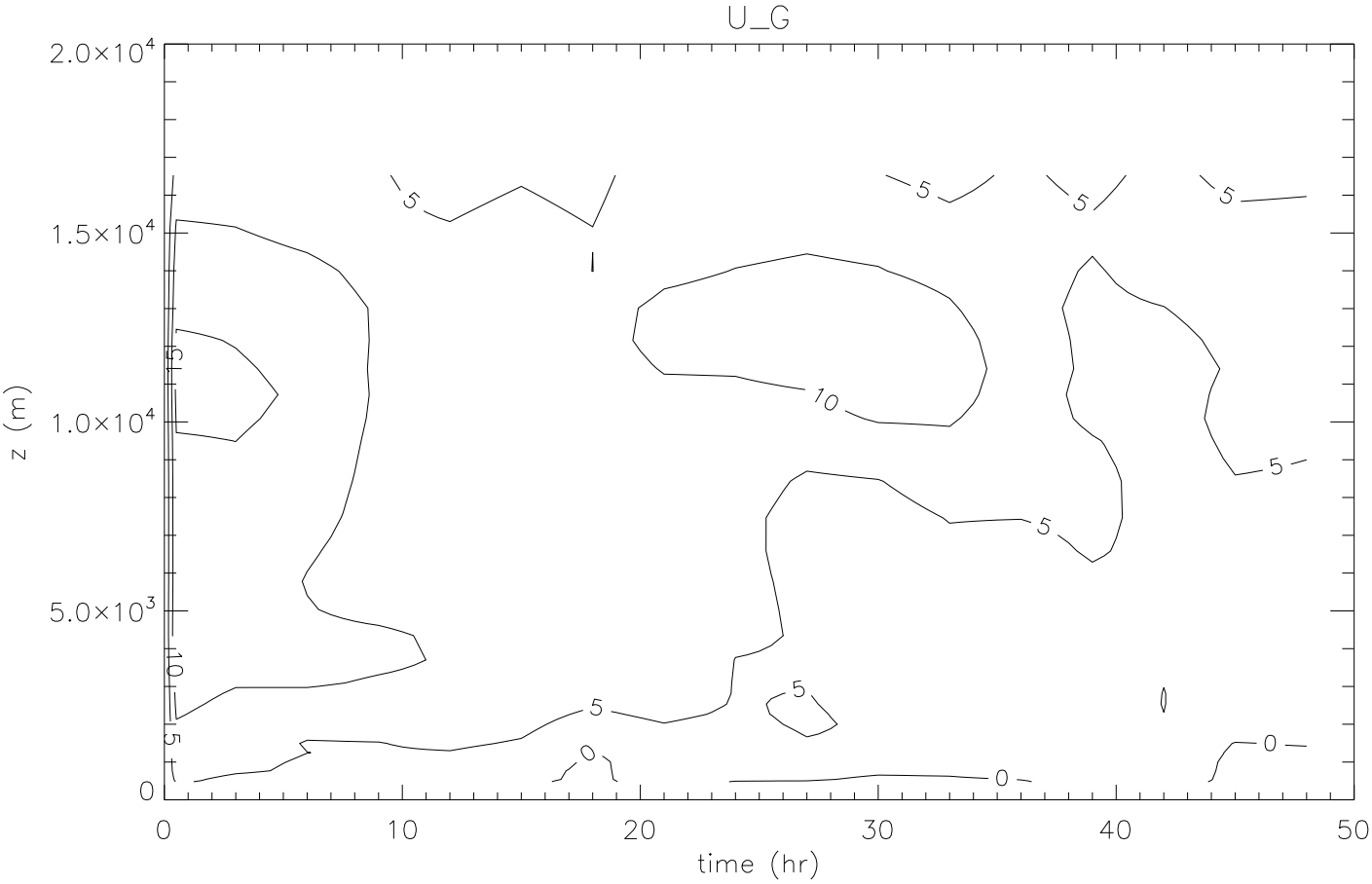

QSNOW
1.5×10^4
1.0×10^4
5.0×10^3
0
z (m)
0
10
20
30
40
50
time (hr)

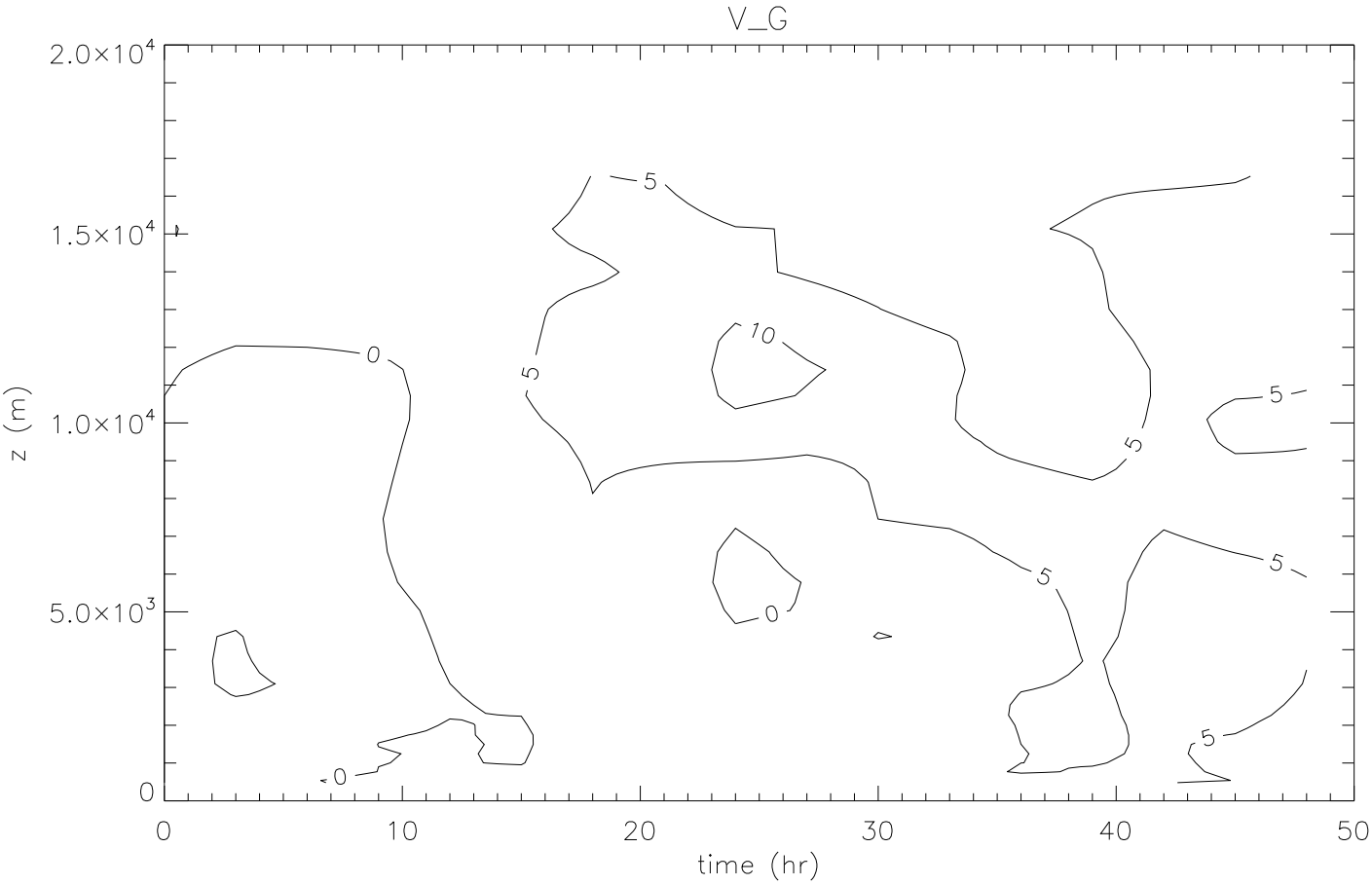

Potential TEMP
1.5×10^4
1.0×10^4
5.0×10^3
0
z (m)
360
340
320
300
0
10
20
30
40
50
time (hr)

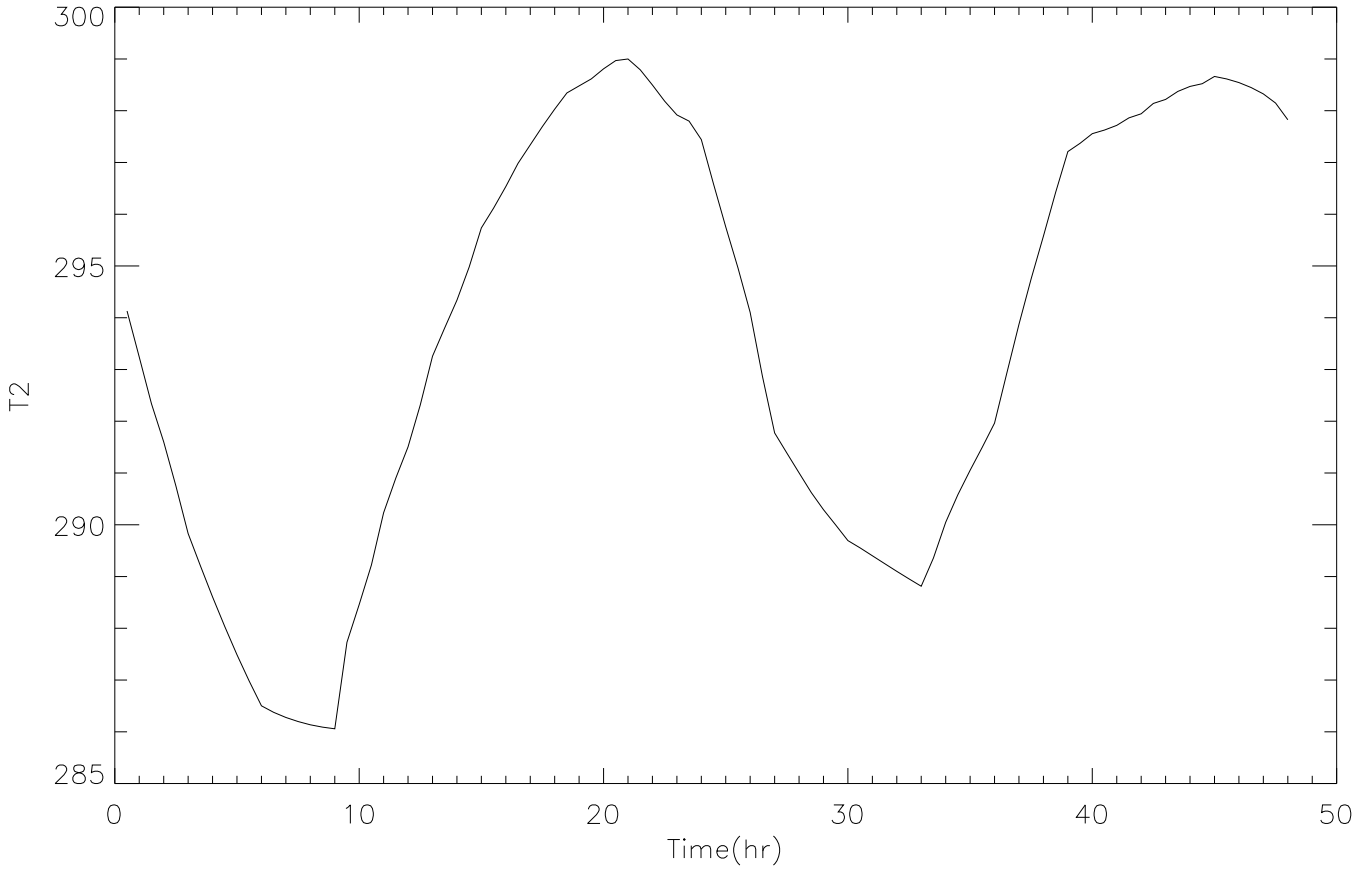

CLDFRA
1.5×10^4
1.0×10^4
5.0×10^3
0
z (m)
0.4
0.2
0
10
20
30
40
50
time (hr)

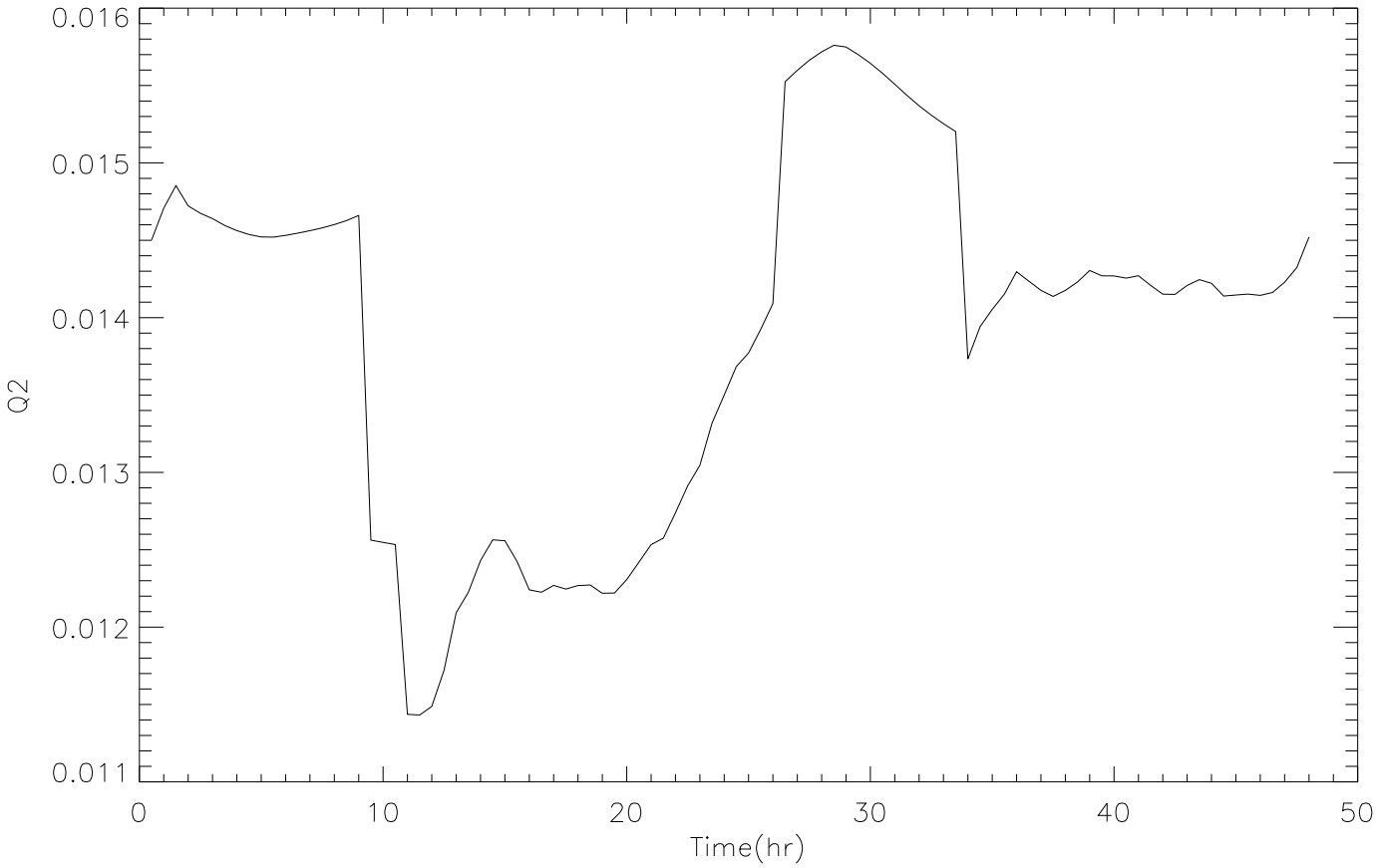

U
1.5×10^4
1.0×10^4
5.0×10^3
0
z (m)
0
10
20
30
40
50
time (hr)
10
20
0

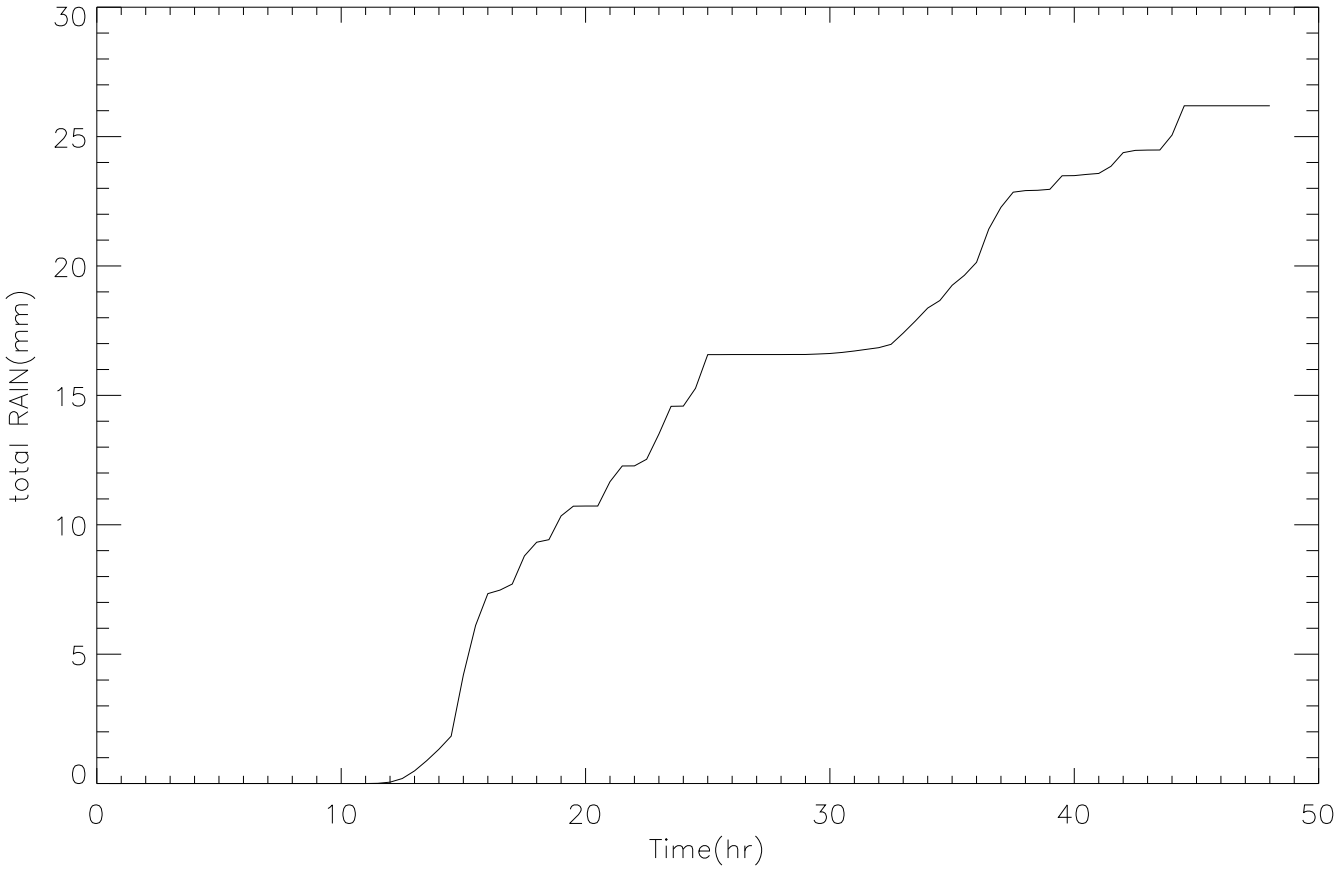

V
1.5×10^4
1.0×10^4
5.0×10^3
0
z (m)
0
10
20
30
40
50
time (hr)
10
20
0

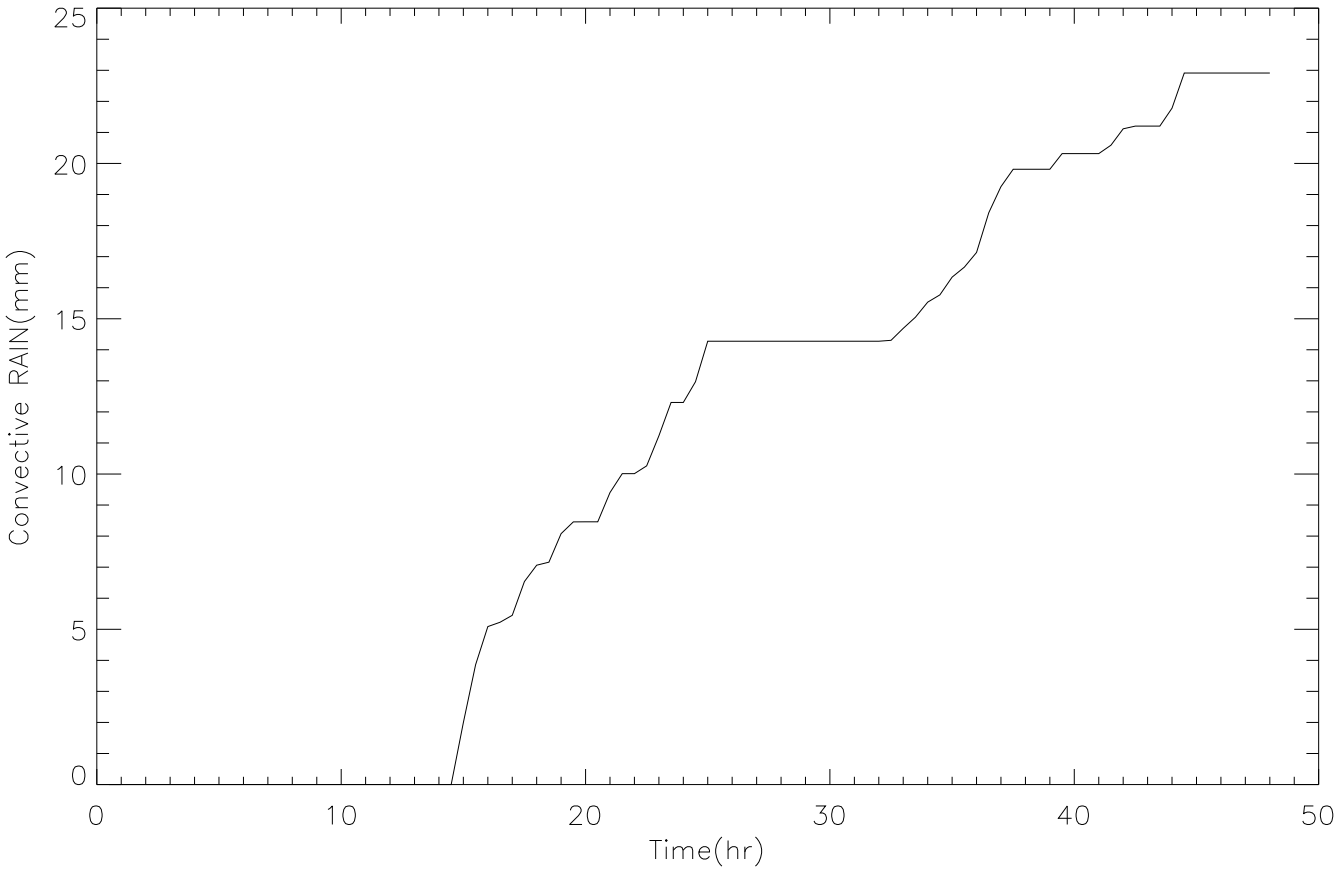

U_G
2.0×10^4
1.5×10^4
1.0×10^4
5.0×10^3
0
z (m)
0
10
20
30
40
50
time (hr)
5
10
0

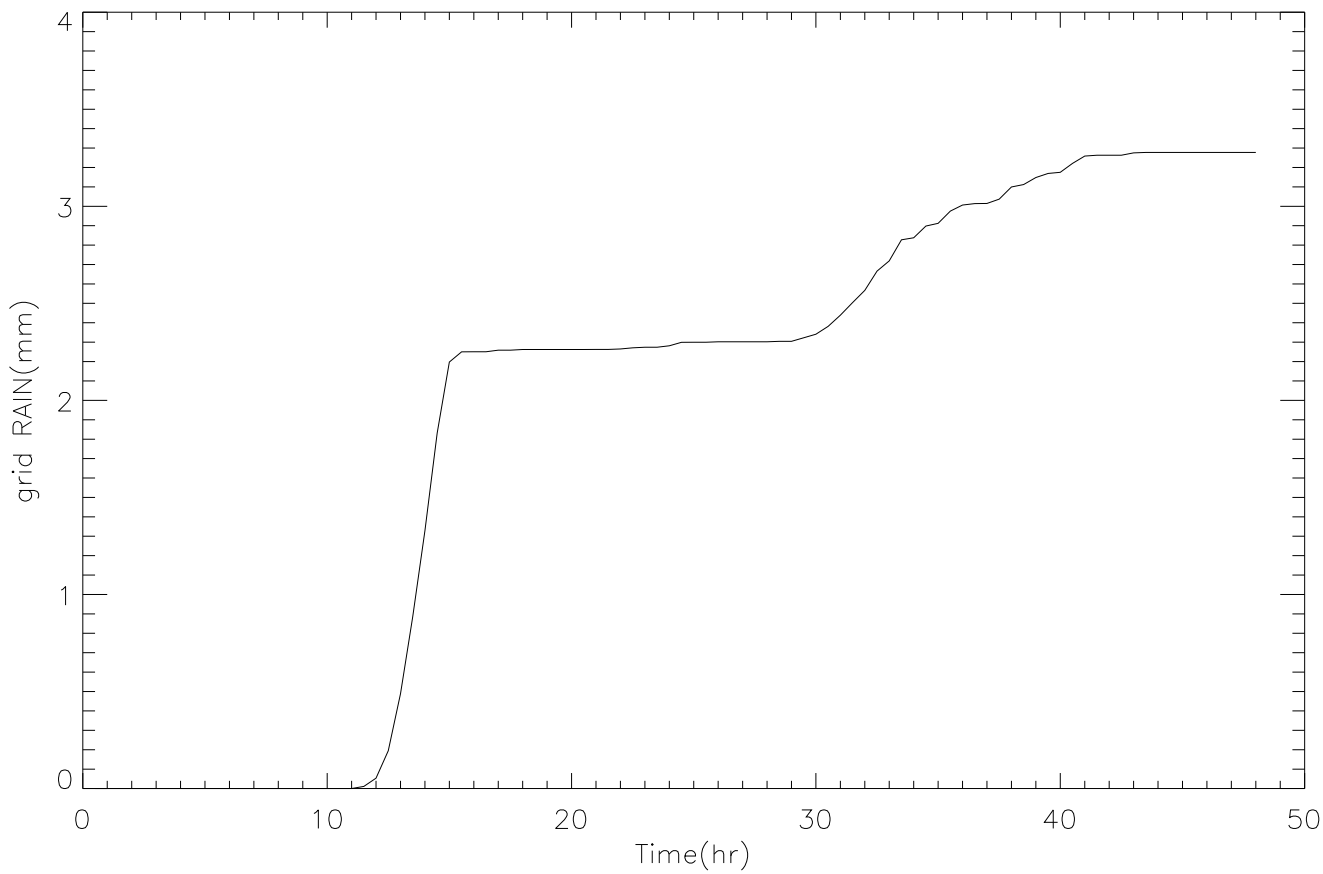

V_G
2.0×10^4
1.5×10^4
1.0×10^4
5.0×10^3
0
z (m)
0
10
20
30
40
50
time (hr)
5
10
0

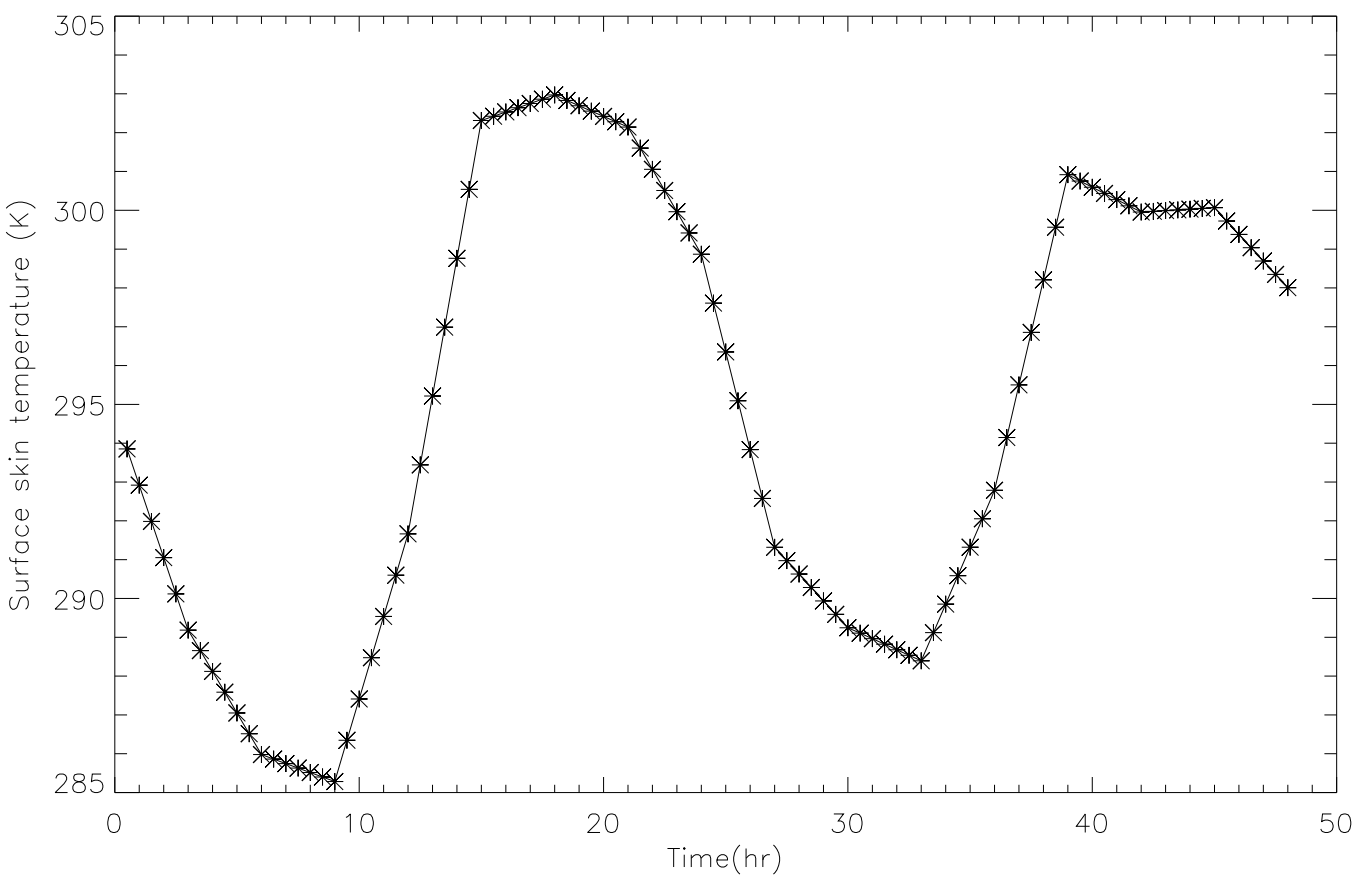

300
295
290
285
T2
0
10
20
30
40
50
Time(hr)

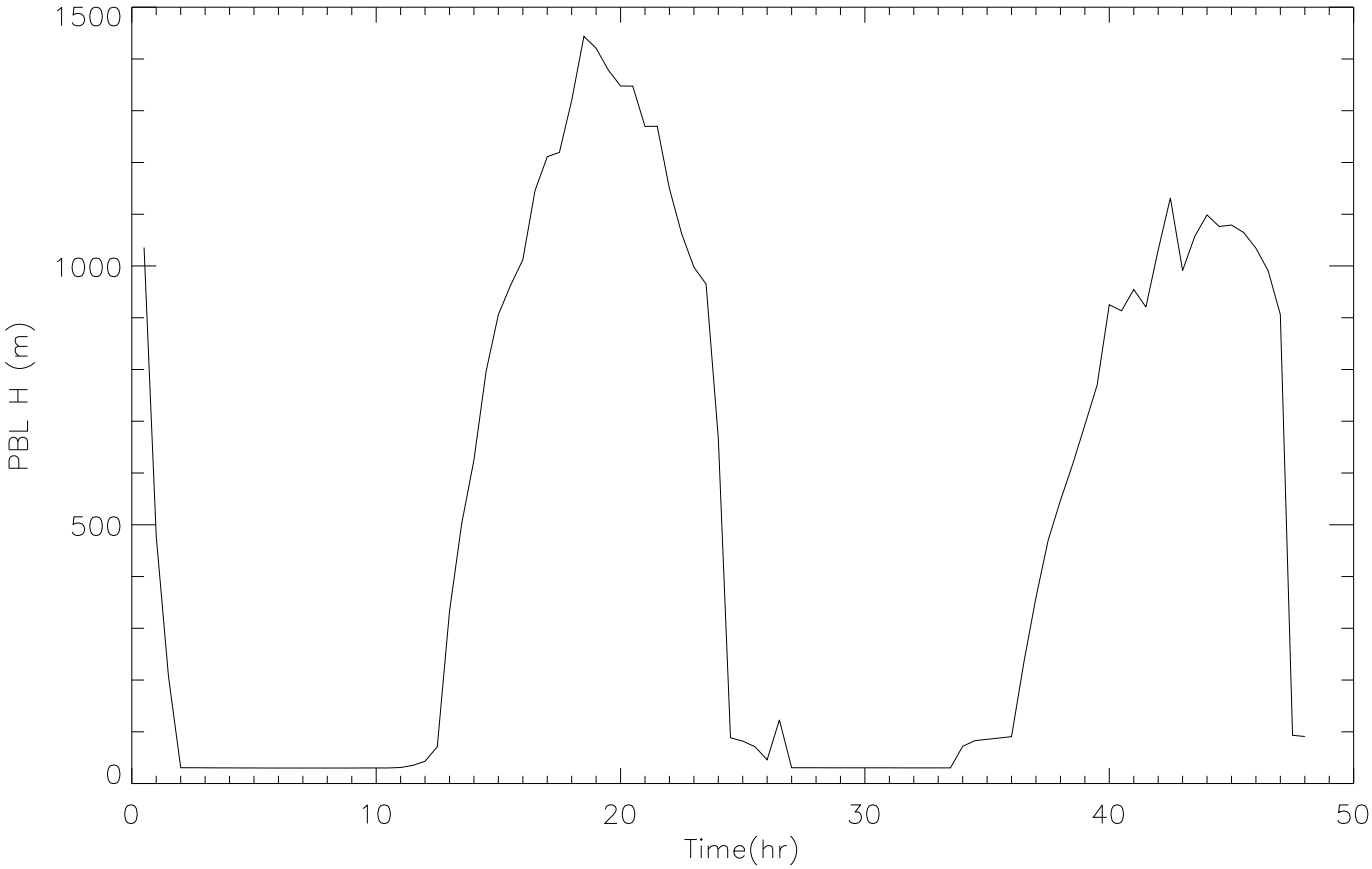

0.016
0.015
0.014
0.013
0.012
0.011
Q2
0
10
20
30
40
50
Time(hr)

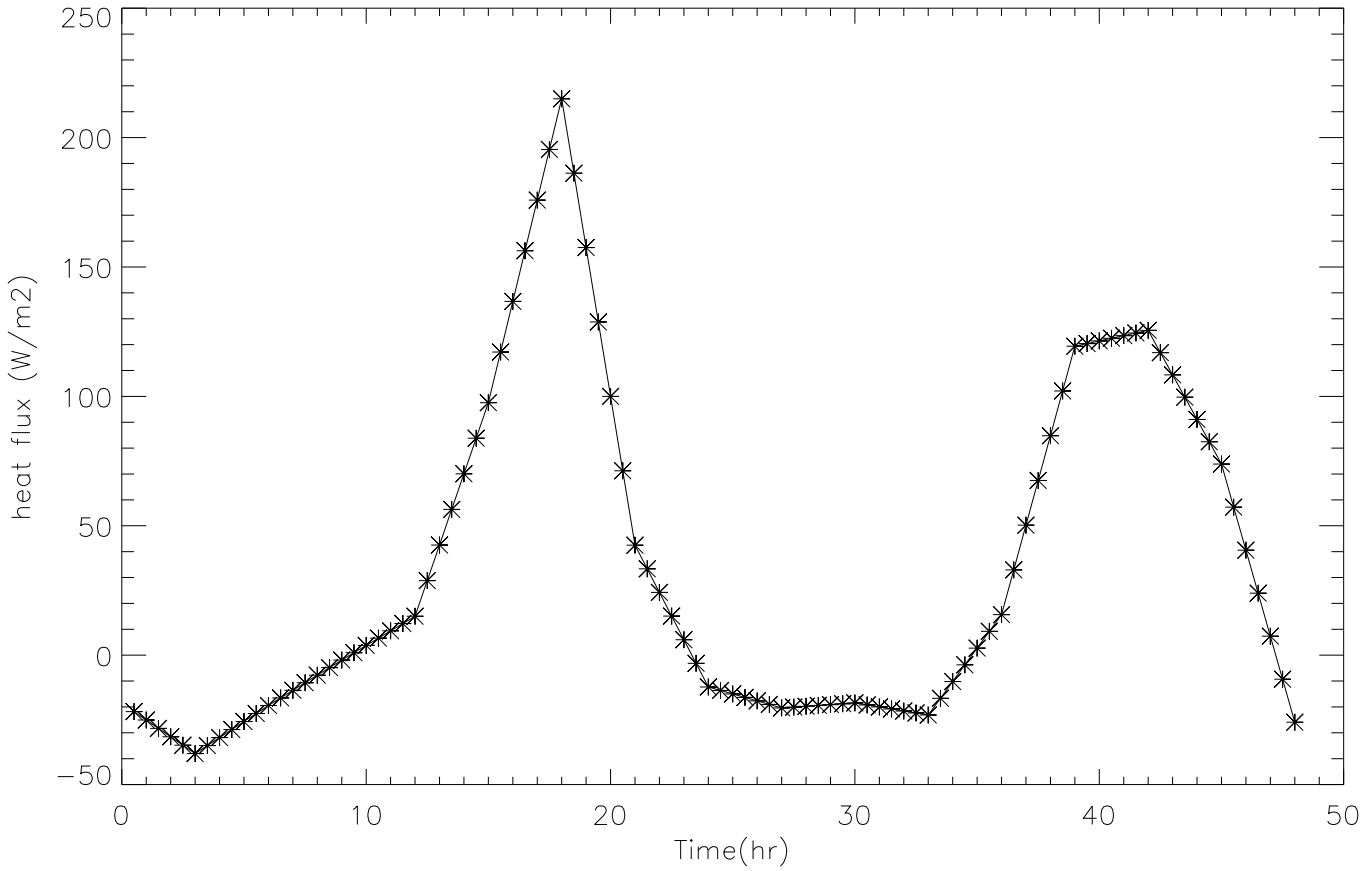

total RAIN(mm)
Time(hr)
0
5
10
15
20
25
30
0
10
20
30
40
50

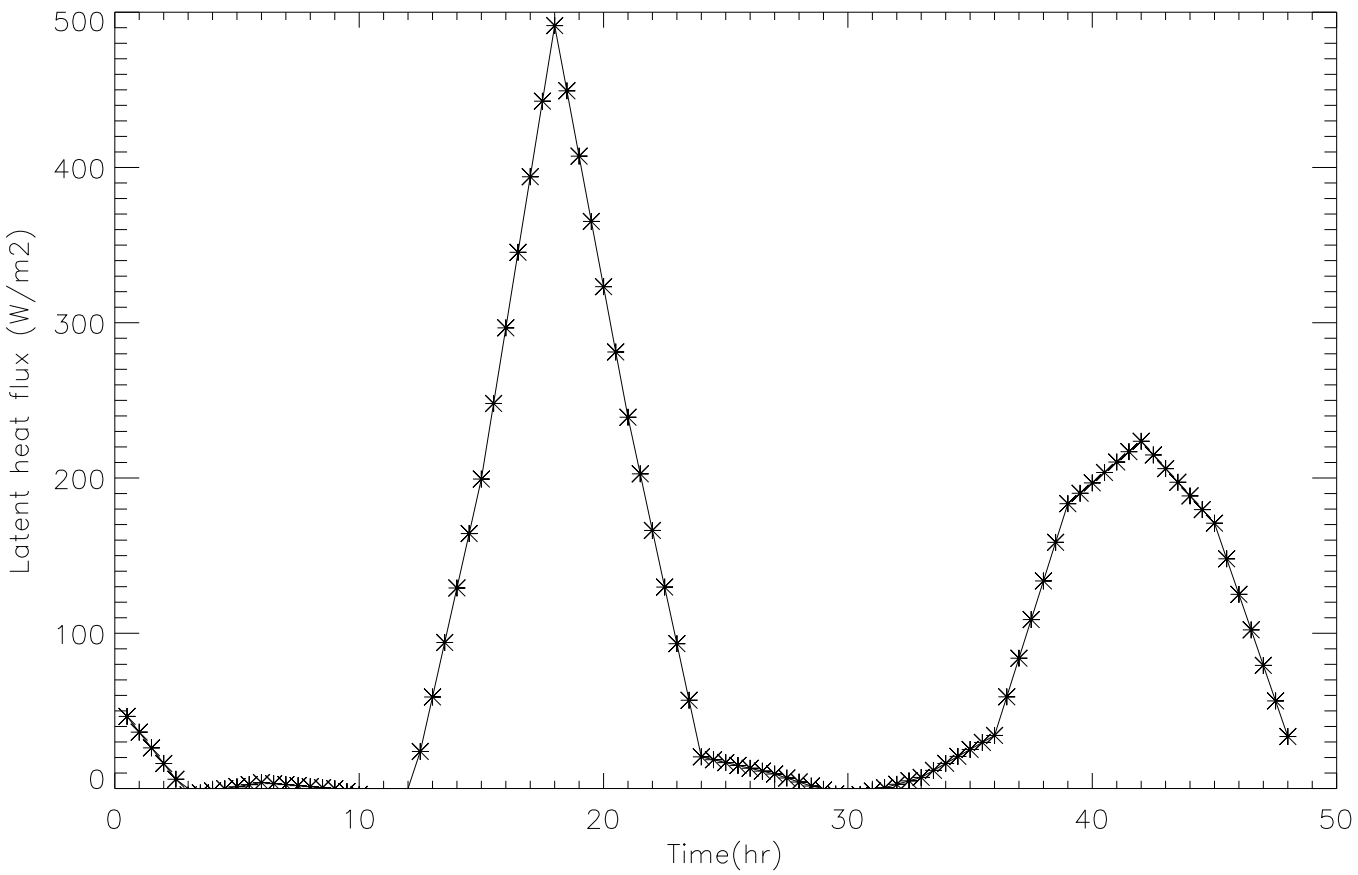

Convective RAIN(mm)
Time(hr)
0
5
10
15
20
25
0
10
20
30
40
50


grid RAIN(mm)
Time(hr)
0
1
2
3
4
0
10
20
30
40
50


Surface skin temperature (K)
Time(hr)
285
290
295
300
305
0
10
20
30
40
50


1500
1000
500
0
PBL H (m)
0
10
20
30
40
50
Time(hr)


250
200
150
100
50
0
−50
heat flux (W/m2)
0
10
20
30
40
50
Time(hr)


500
400
300
200
100
0
Latent heat flux (W/m2)
0
10
20
30
40
50
Time(hr)