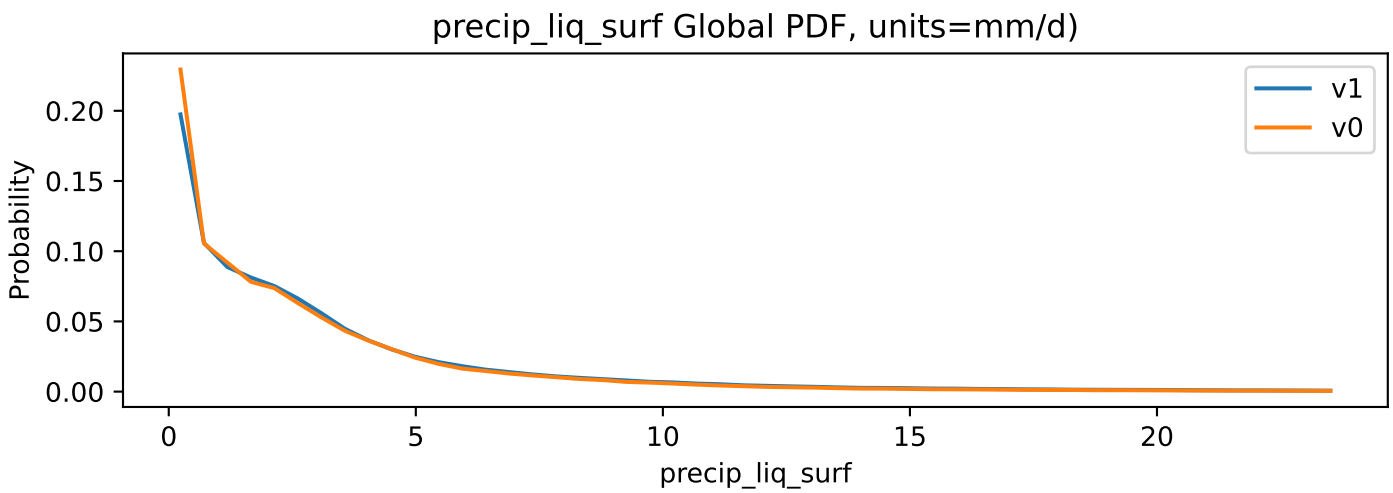
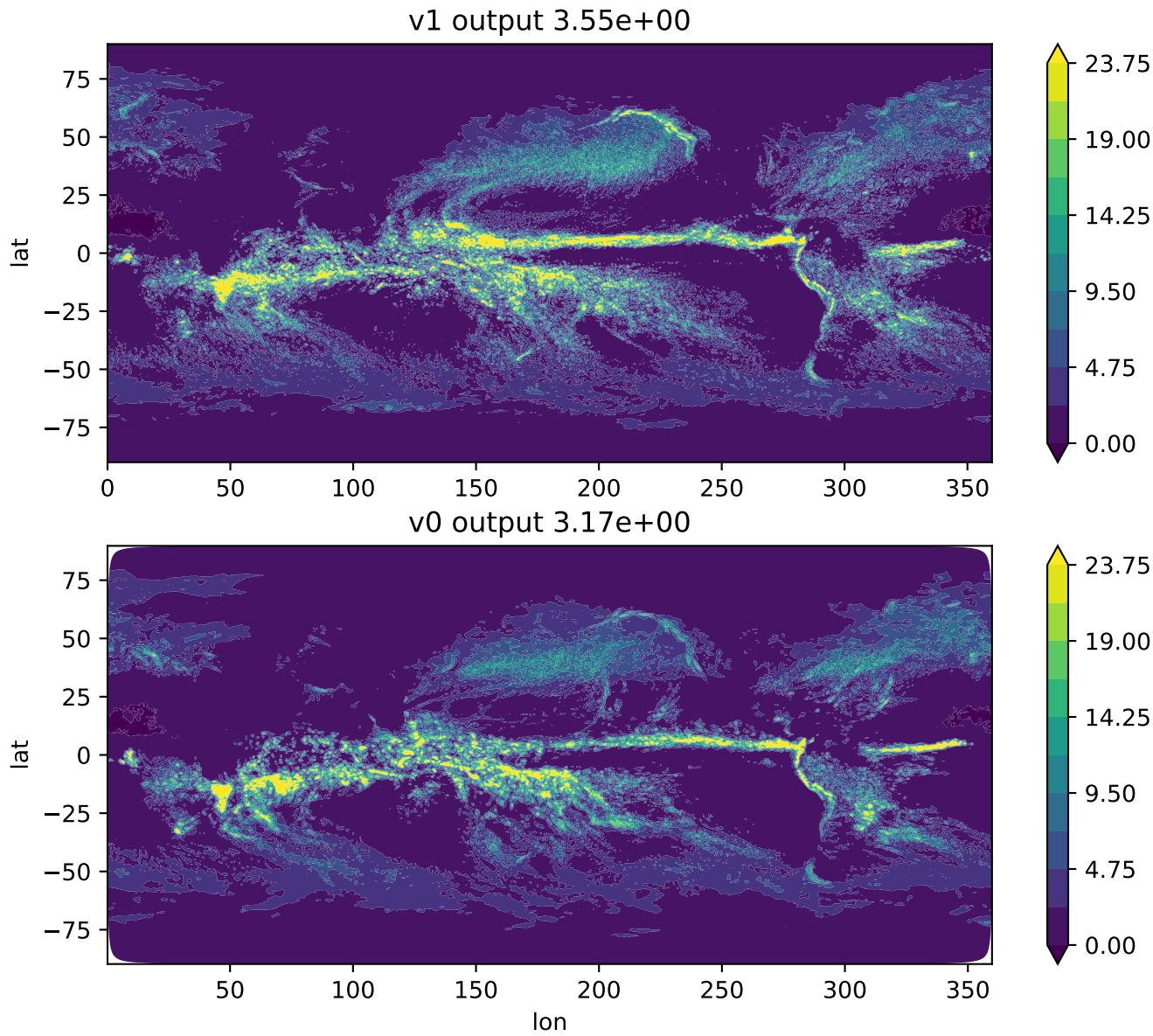
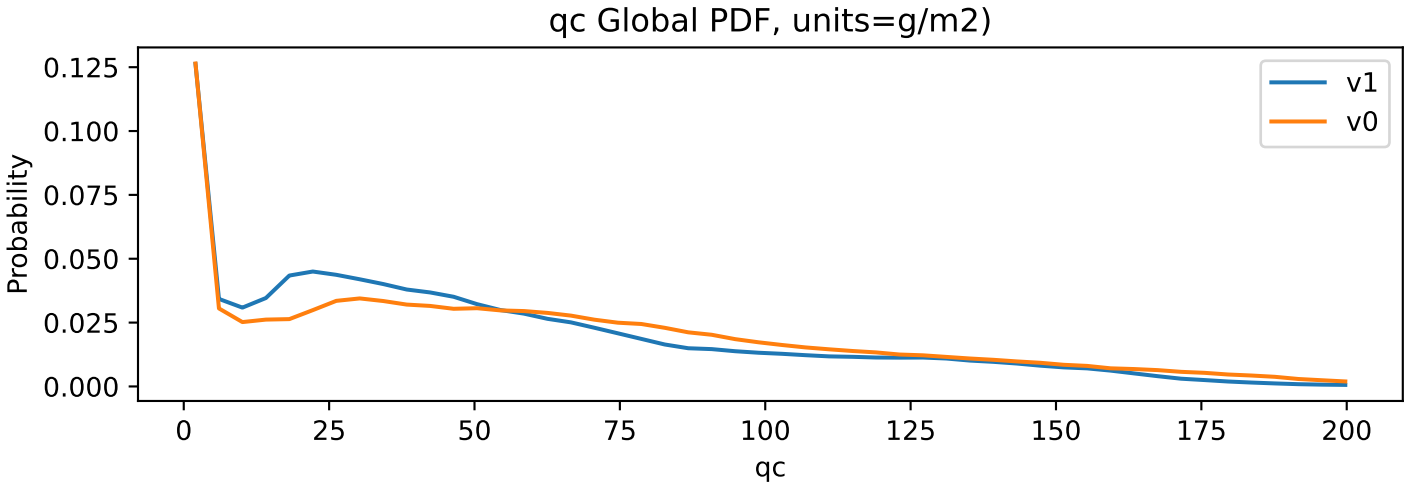
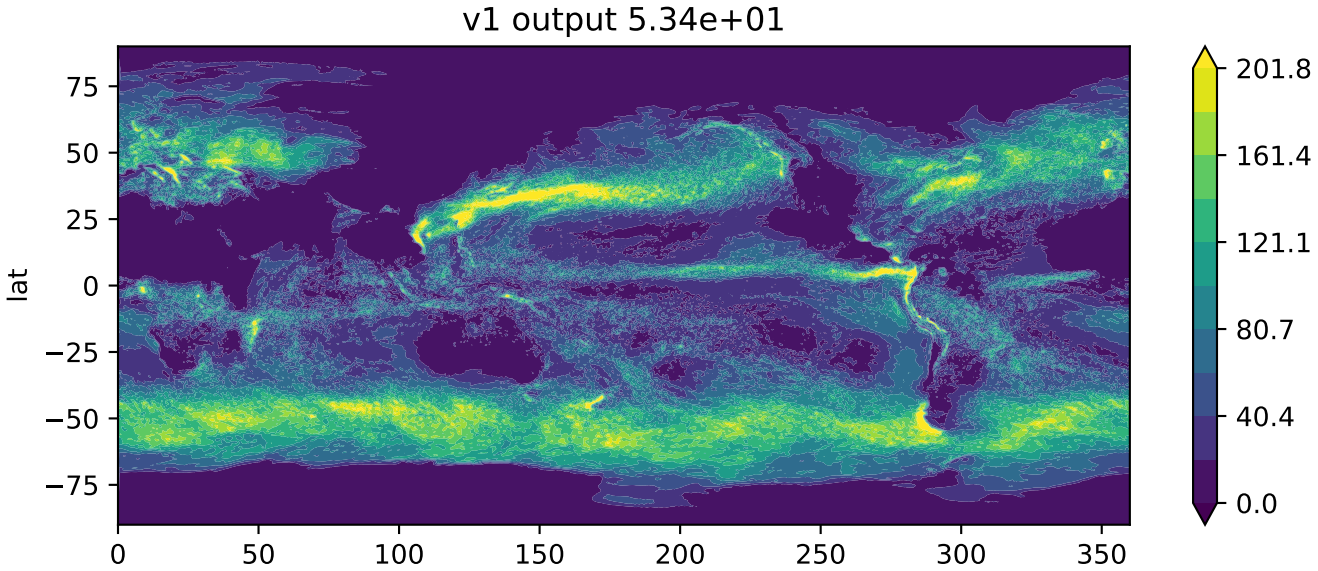
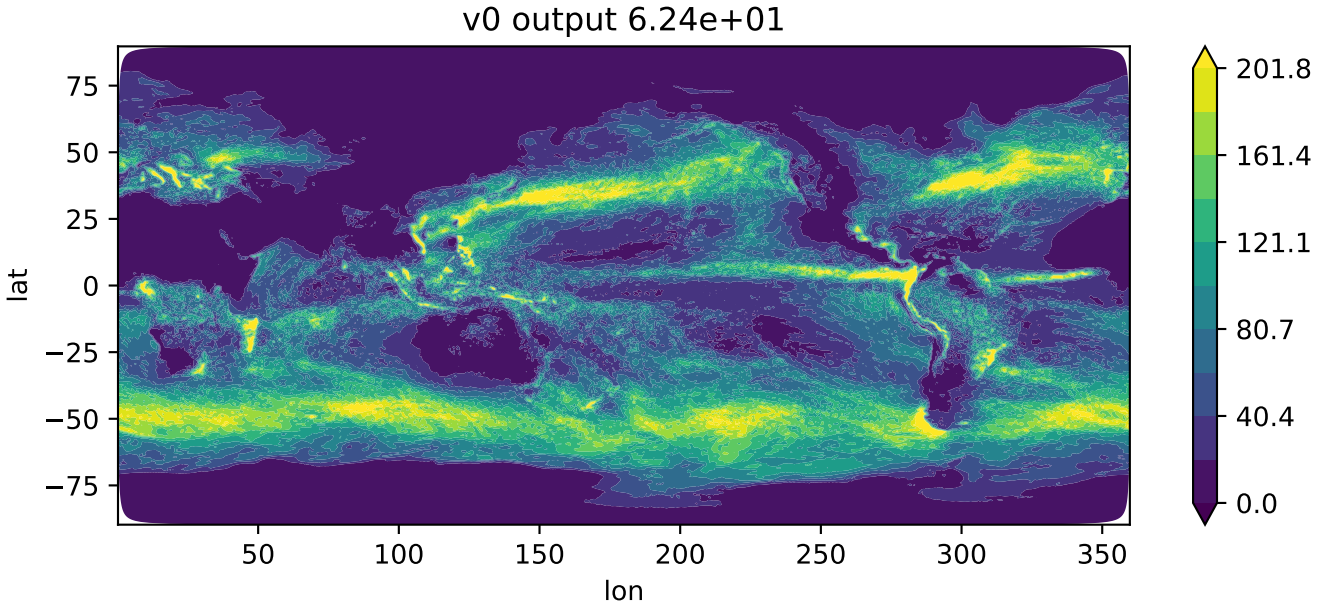
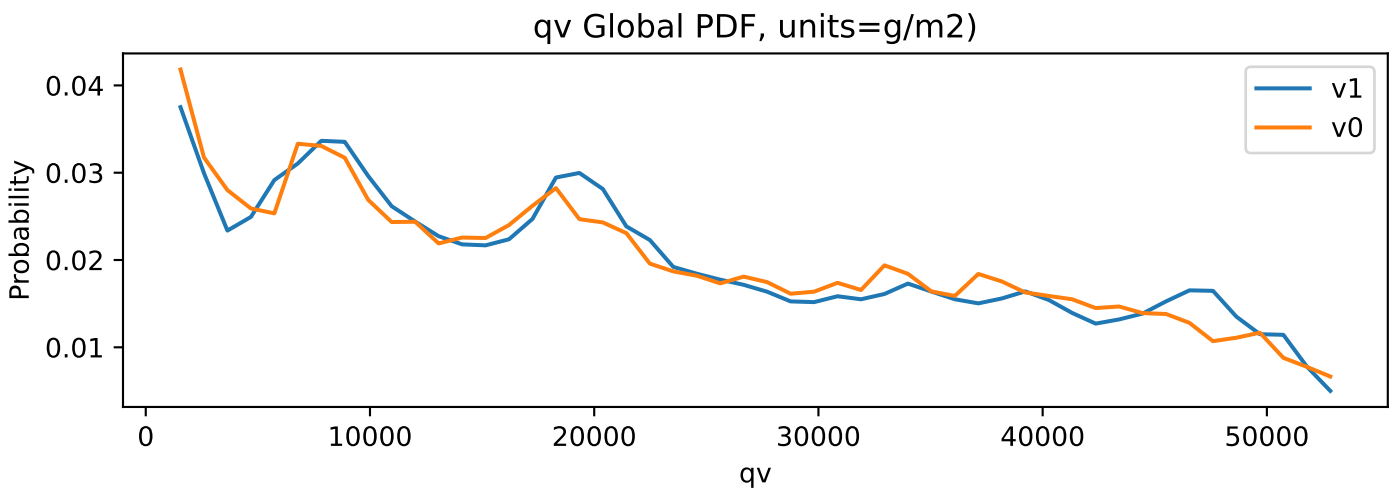

precip_liq_surf Global PDF, units=mm/d)
Probability
0.20
0.15
0.10
0.05
0.00
0
5
10
15
20
precip_liq_surf
v1
v0

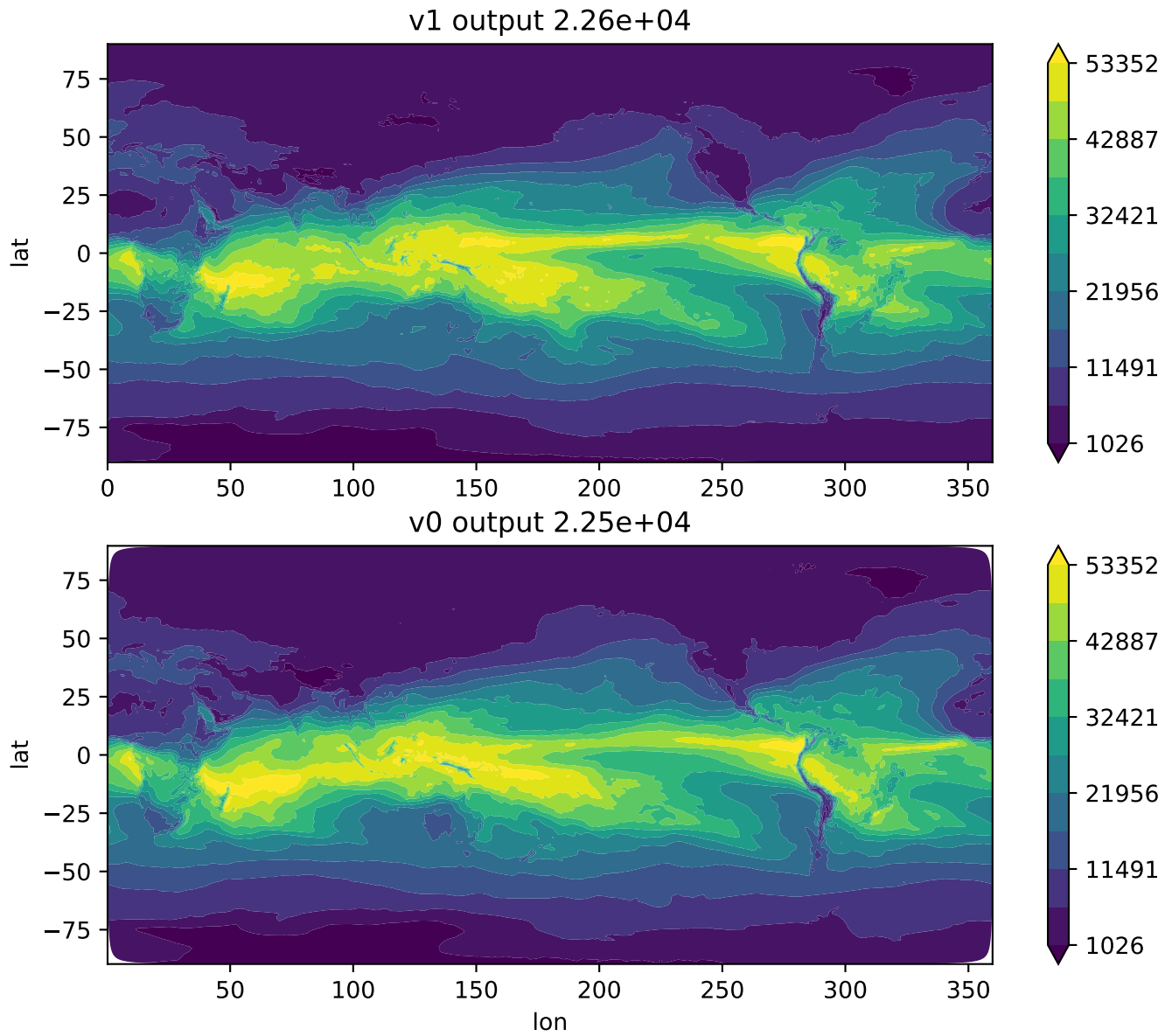

v1 output 3.55e+00
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
23.75
19.00
14.25
9.50
4.75
0.00
v0 output 3.17e+00
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
23.75
19.00
14.25
9.50
4.75
0.00

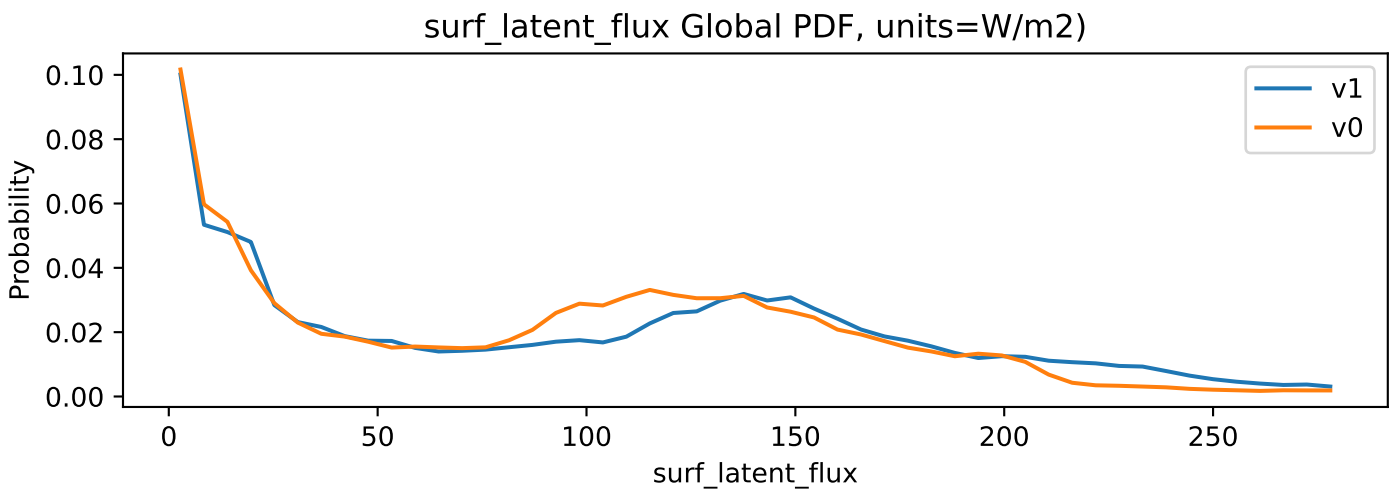

qc Global PDF, units=g/m2)
Probability
0.125
0.100
0.075
0.050
0.025
0.000
0
25
50
75
100
125
150
175
200
qc
v1
v0

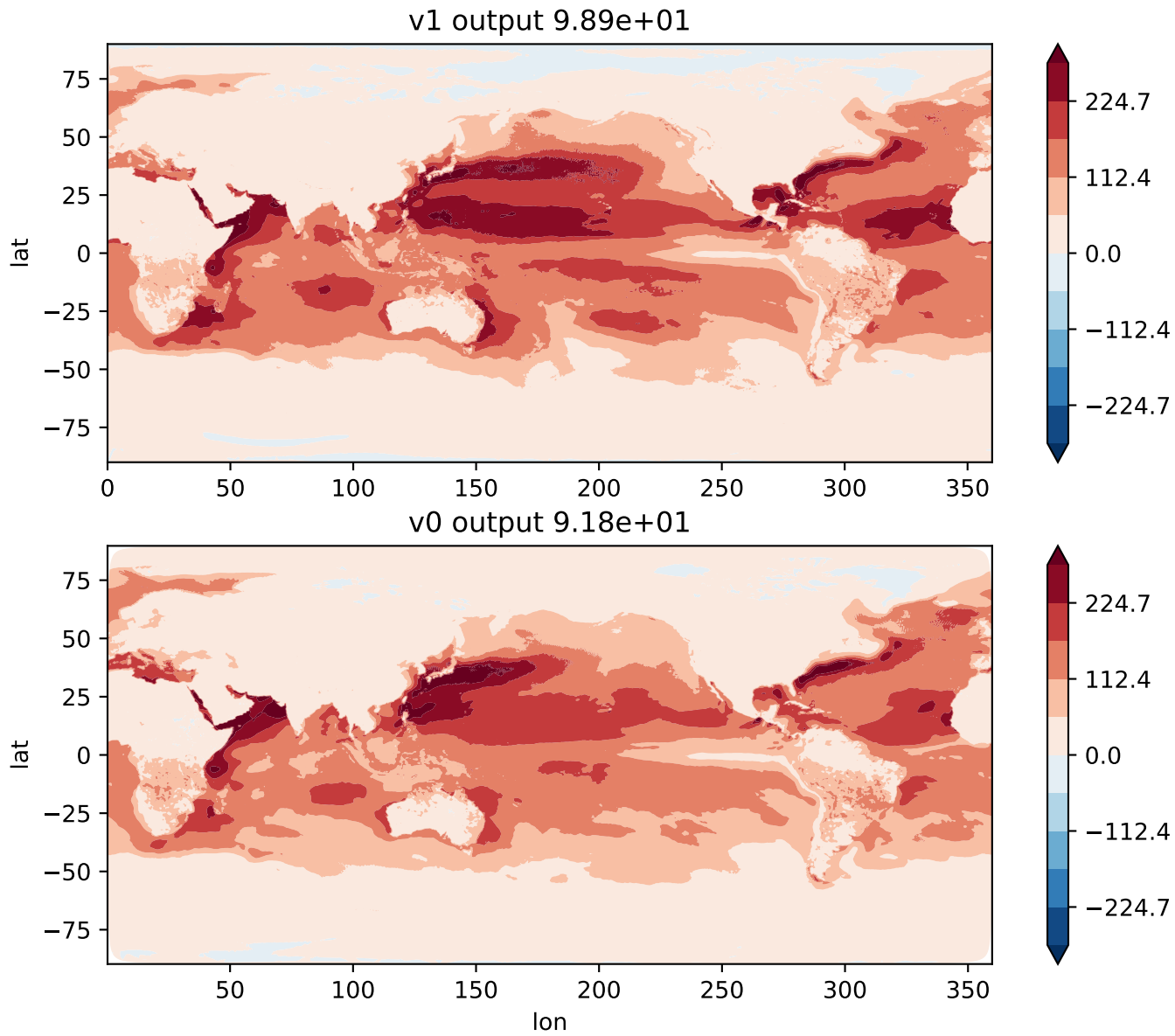

v1 output 5.34e+01
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
201.8
161.4
121.1
80.7
40.4
0.0

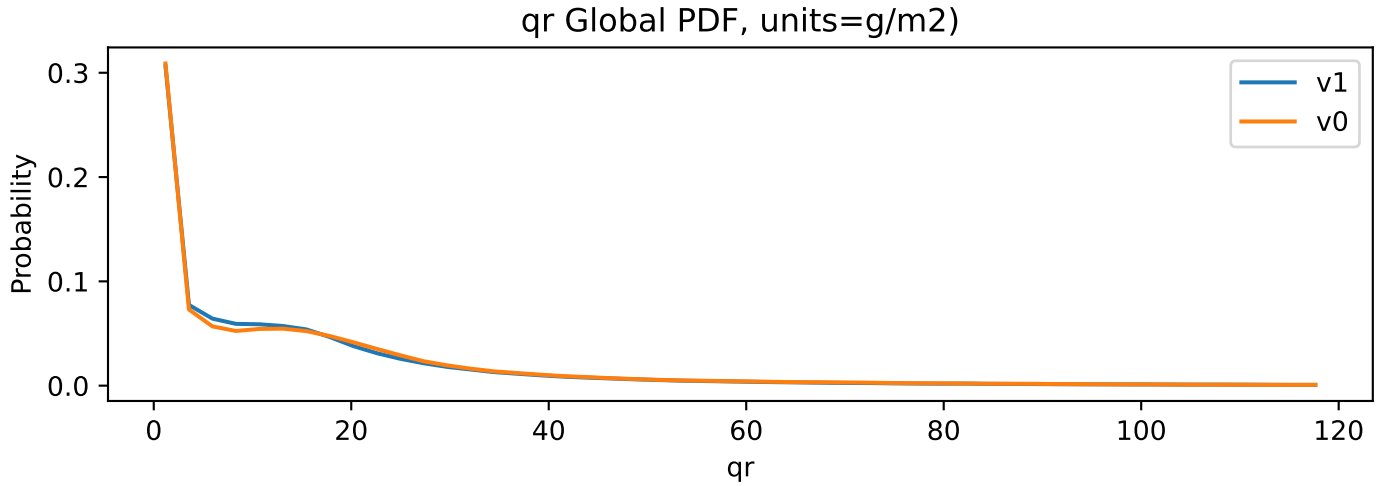

v0 output 6.24e+01
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
201.8
161.4
121.1
80.7
40.4
0.0

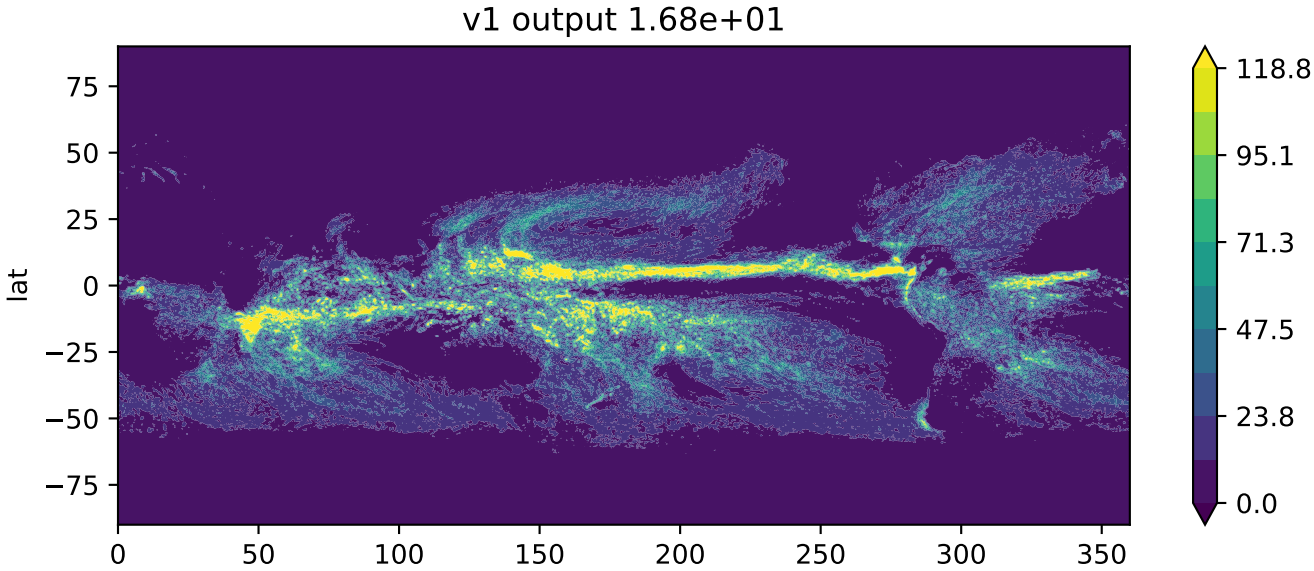

qv Global PDF, units=g/m2)
Probability
0.04
0.03
0.02
0.01
0
10000
20000
30000
40000
50000
qv
v1
v0

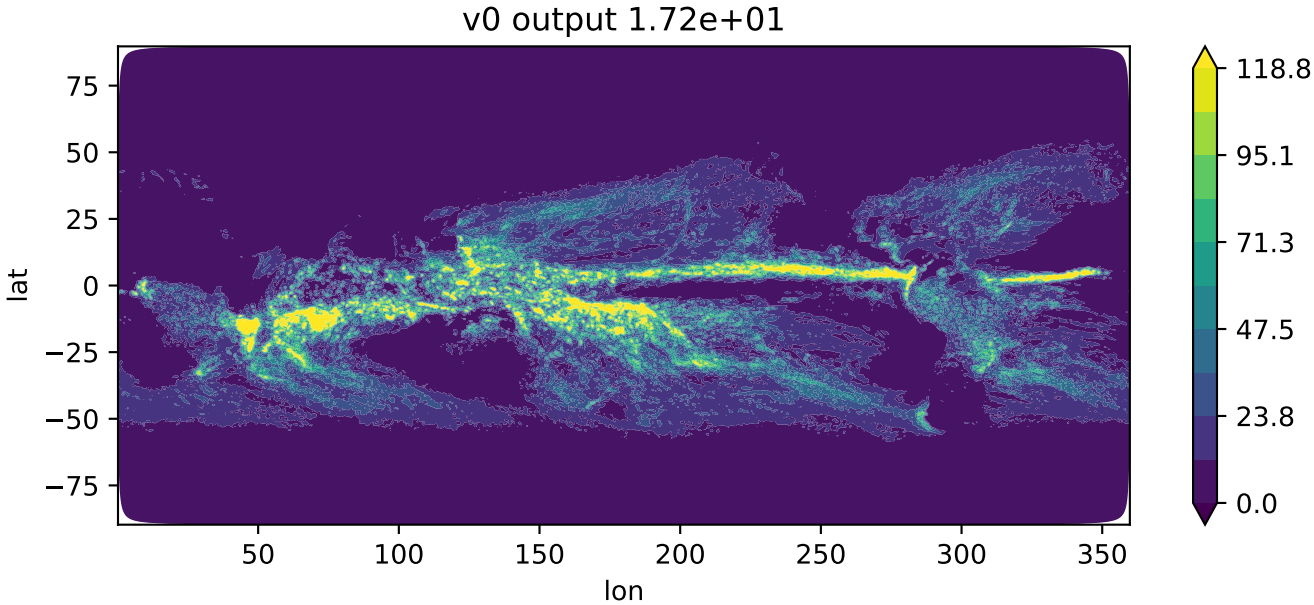

v1 output 2.26e+04
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
53352
42887
32421
21956
11491
1026
v0 output 2.25e+04
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
53352
42887
32421
21956
11491
1026

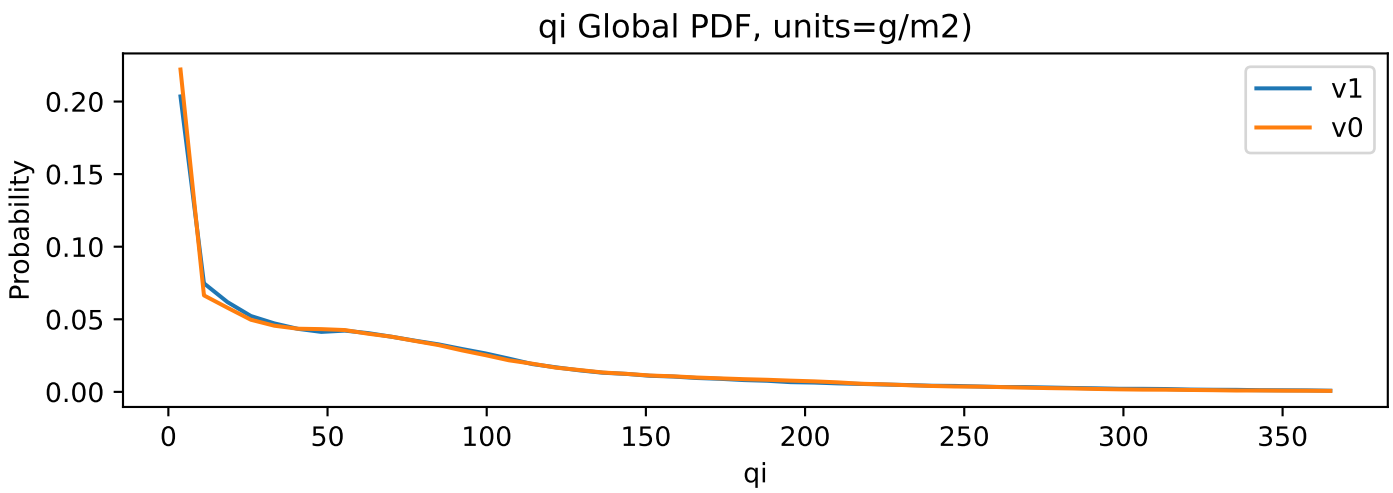

surf_latent_flux Global PDF, units=W/m2)
Probability
surf_latent_flux
v1
v0
0.10
0.08
0.06
0.04
0.02
0.00
0
50
100
150
200
250

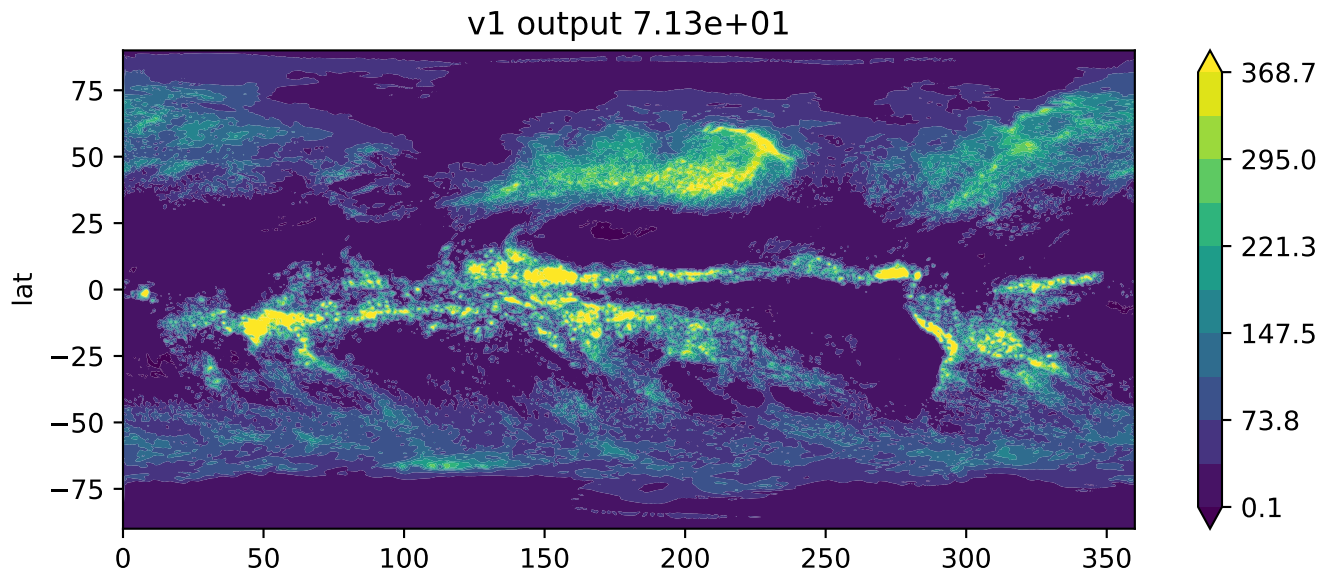

v1 output 9.89e+01
v0 output 9.18e+01
lat
lon
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
224.7
112.4
0.0
−112.4
−224.7

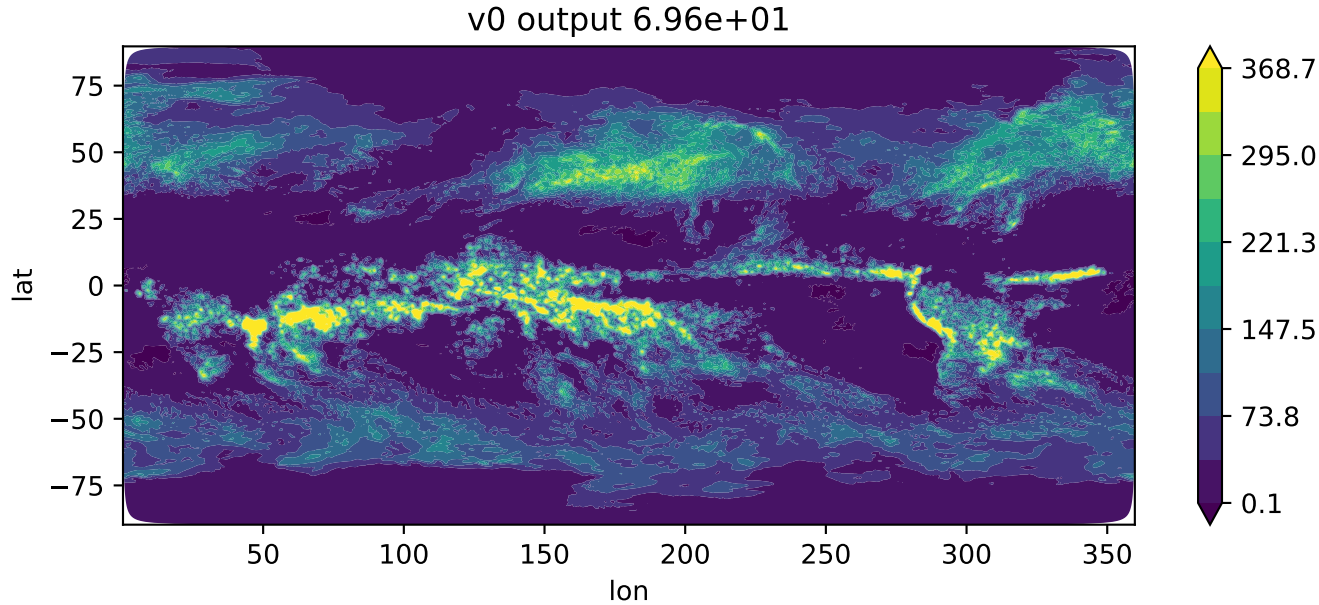

qr Global PDF, units=g/m2)
Probability
qr
v1
v0
0.0
0.1
0.2
0.3
0
20
40
60
80
100
120

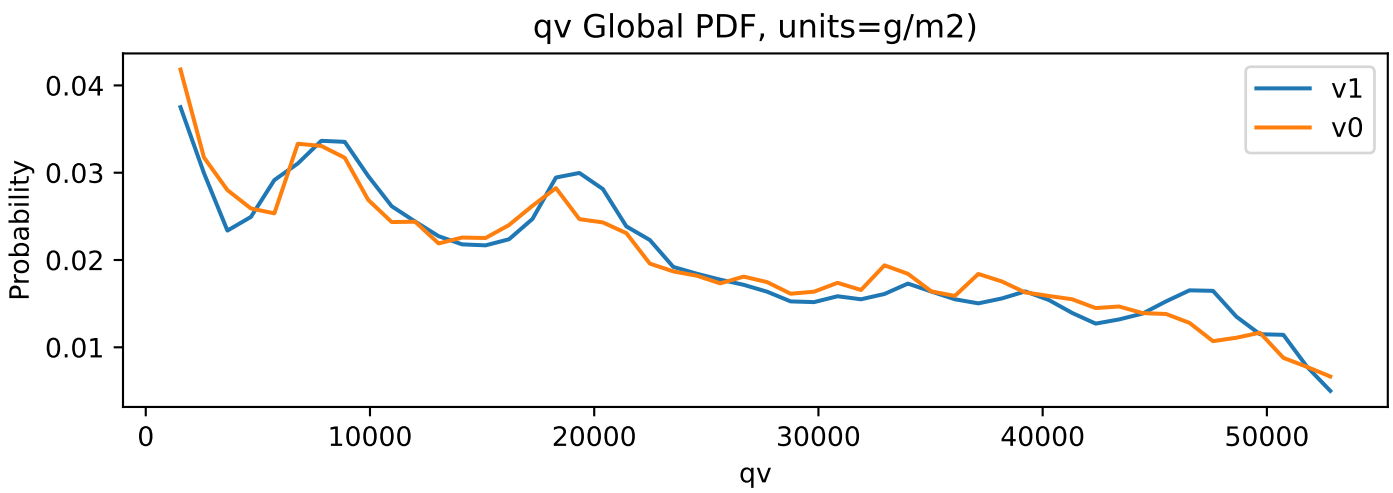

v1 output 1.68e+01
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
118.8
95.1
71.3
47.5
23.8
0.0

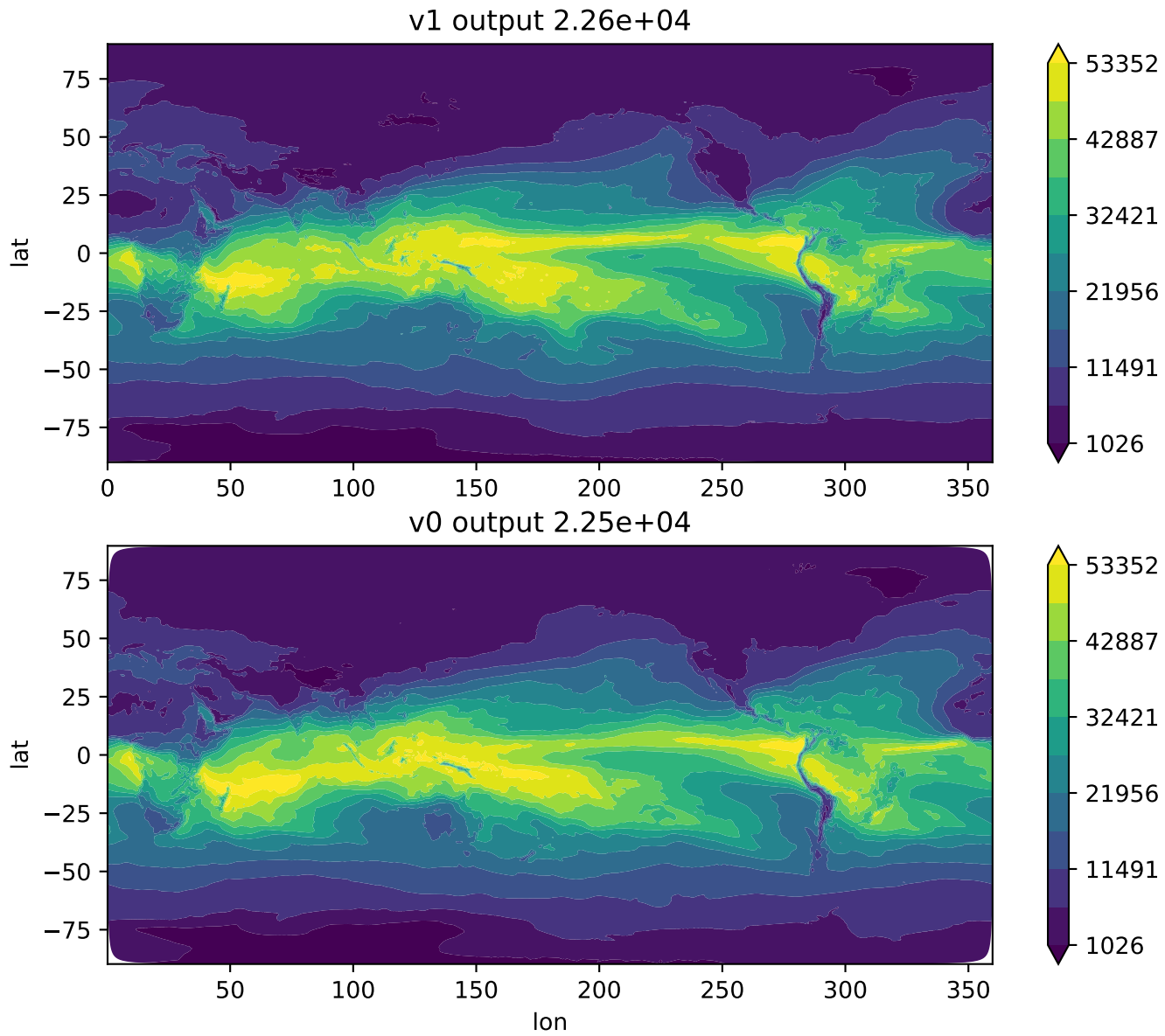

v0 output 1.72e+01
lat
lon
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
118.8
95.1
71.3
47.5
23.8
0.0

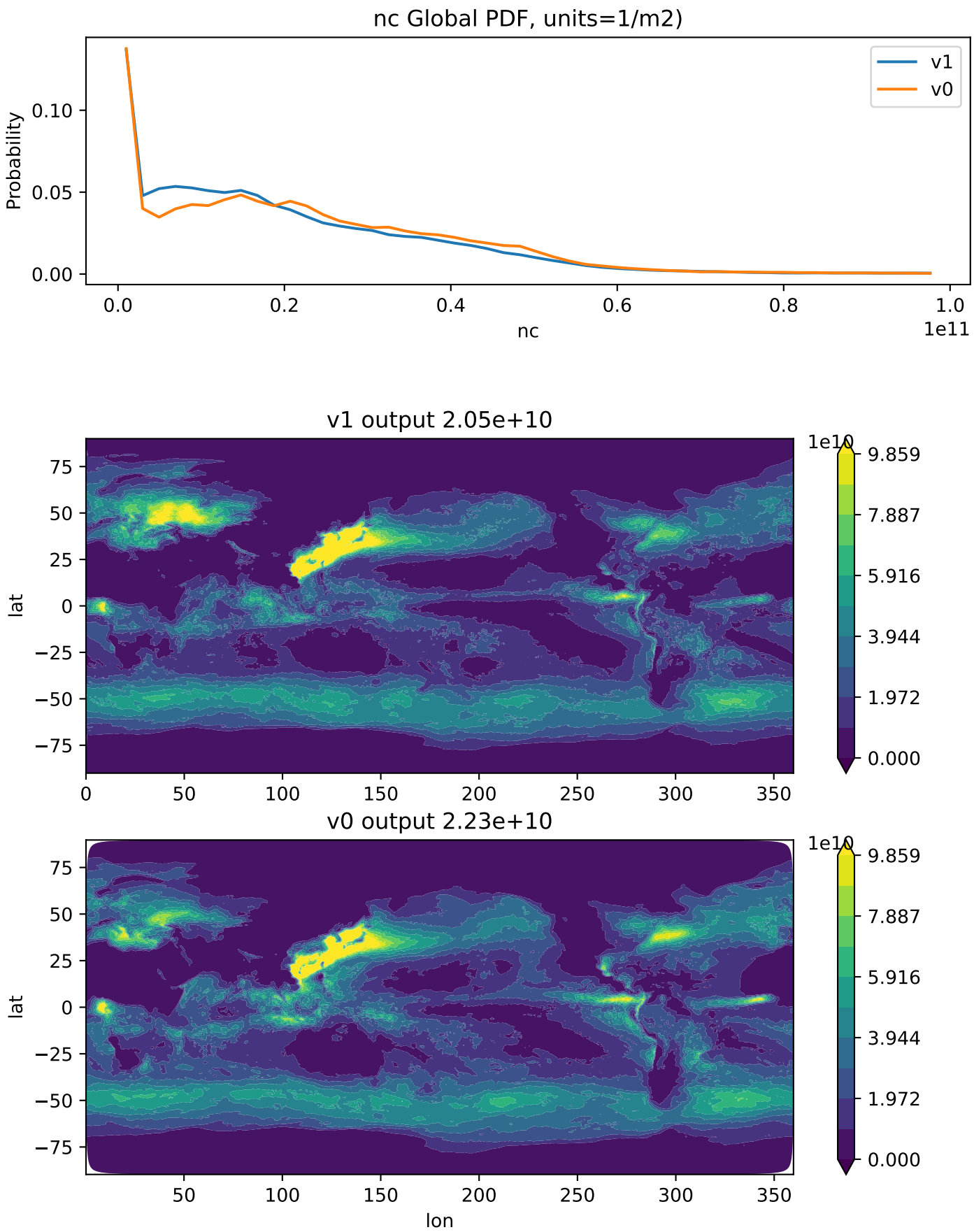

qi Global PDF, units=g/m2)
Probability
0.20
0.15
0.10
0.05
0.00
0
50
100
150
200
250
300
350
qi
v1
v0

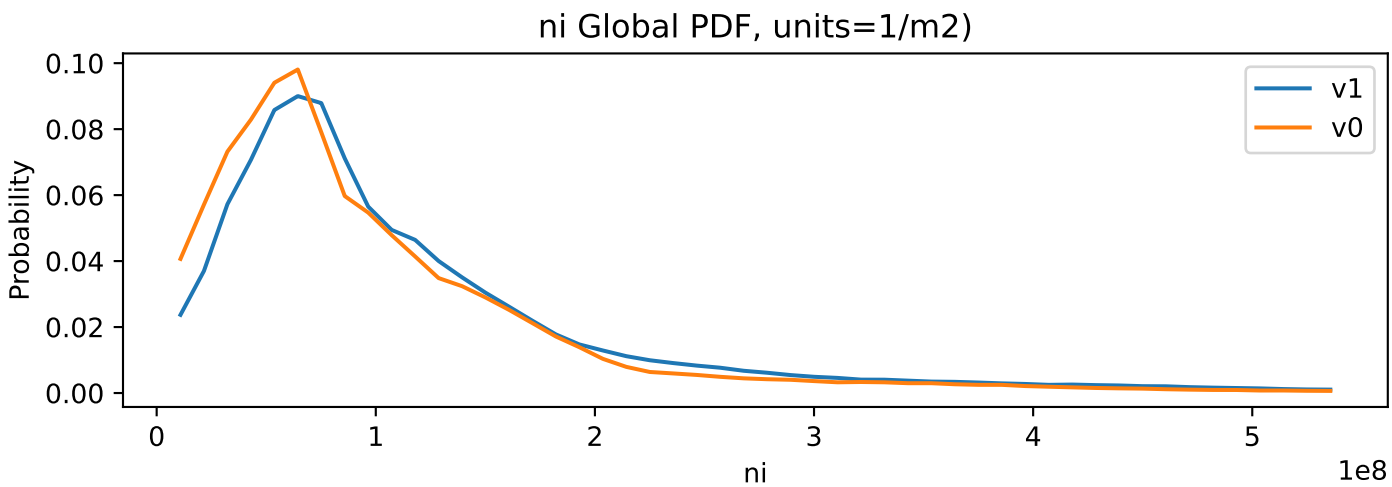

v1 output 7.13e+01
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
368.7
295.0
221.3
147.5
73.8
0.1

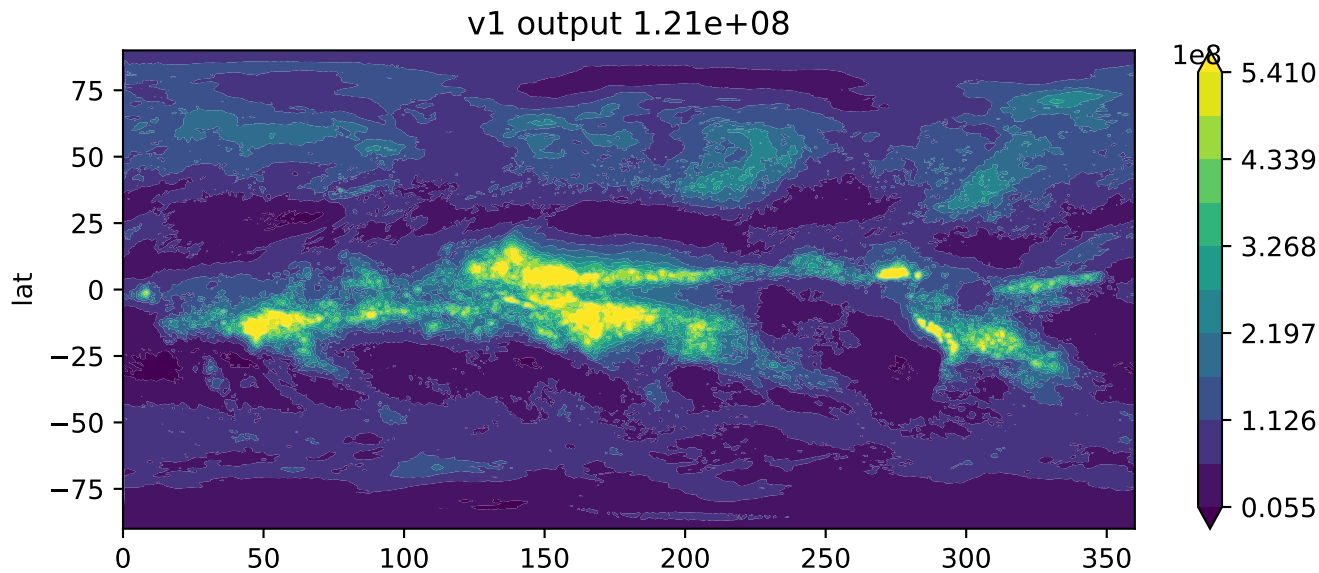

v0 output 6.96e+01
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
368.7
295.0
221.3
147.5
73.8
0.1

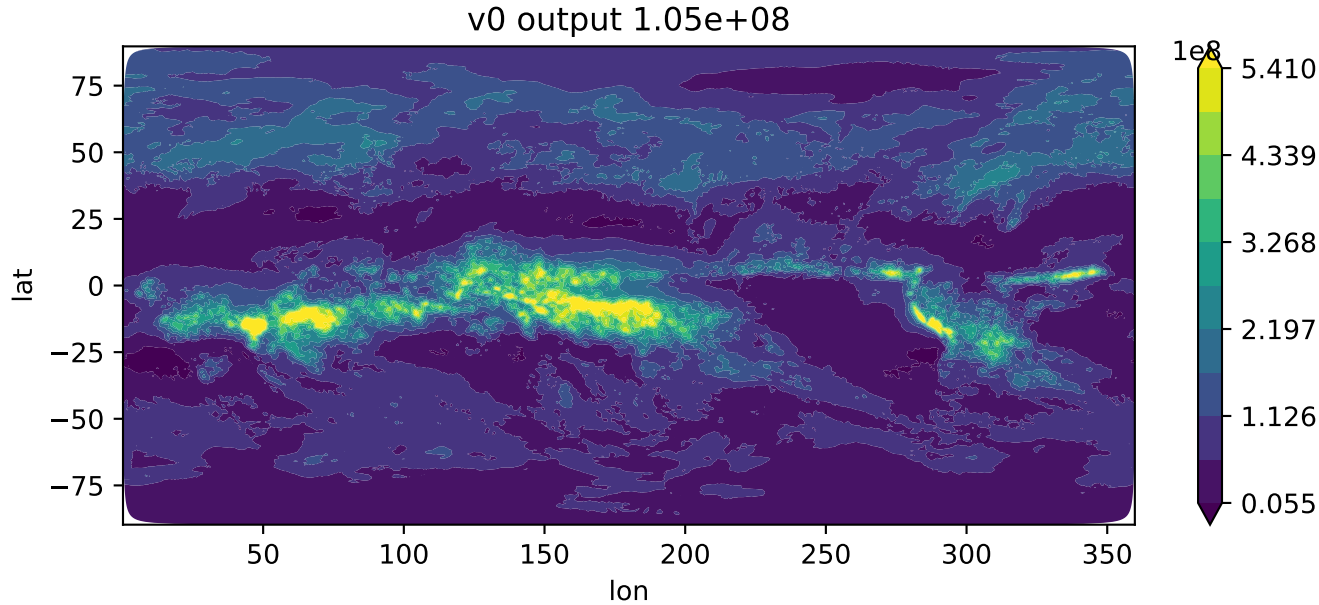

qv Global PDF, units=g/m2)
Probability
0.04
0.03
0.02
0.01
0
10000
20000
30000
40000
50000
qv
v1
v0

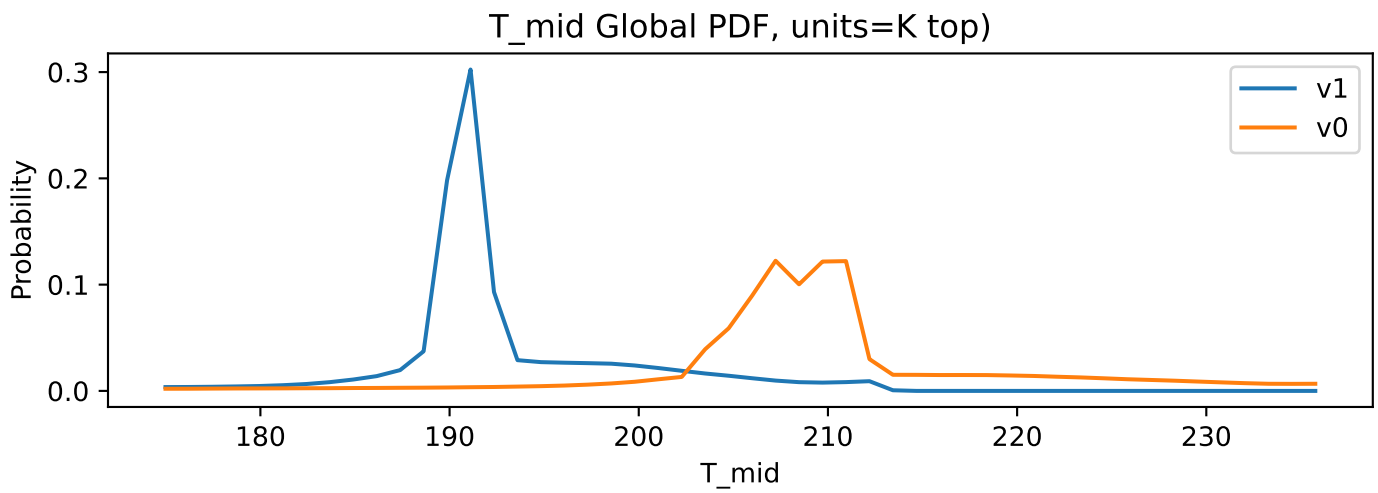

v1 output 2.26e+04
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
53352
42887
32421
21956
11491
1026
v0 output 2.25e+04
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
53352
42887
32421
21956
11491
1026

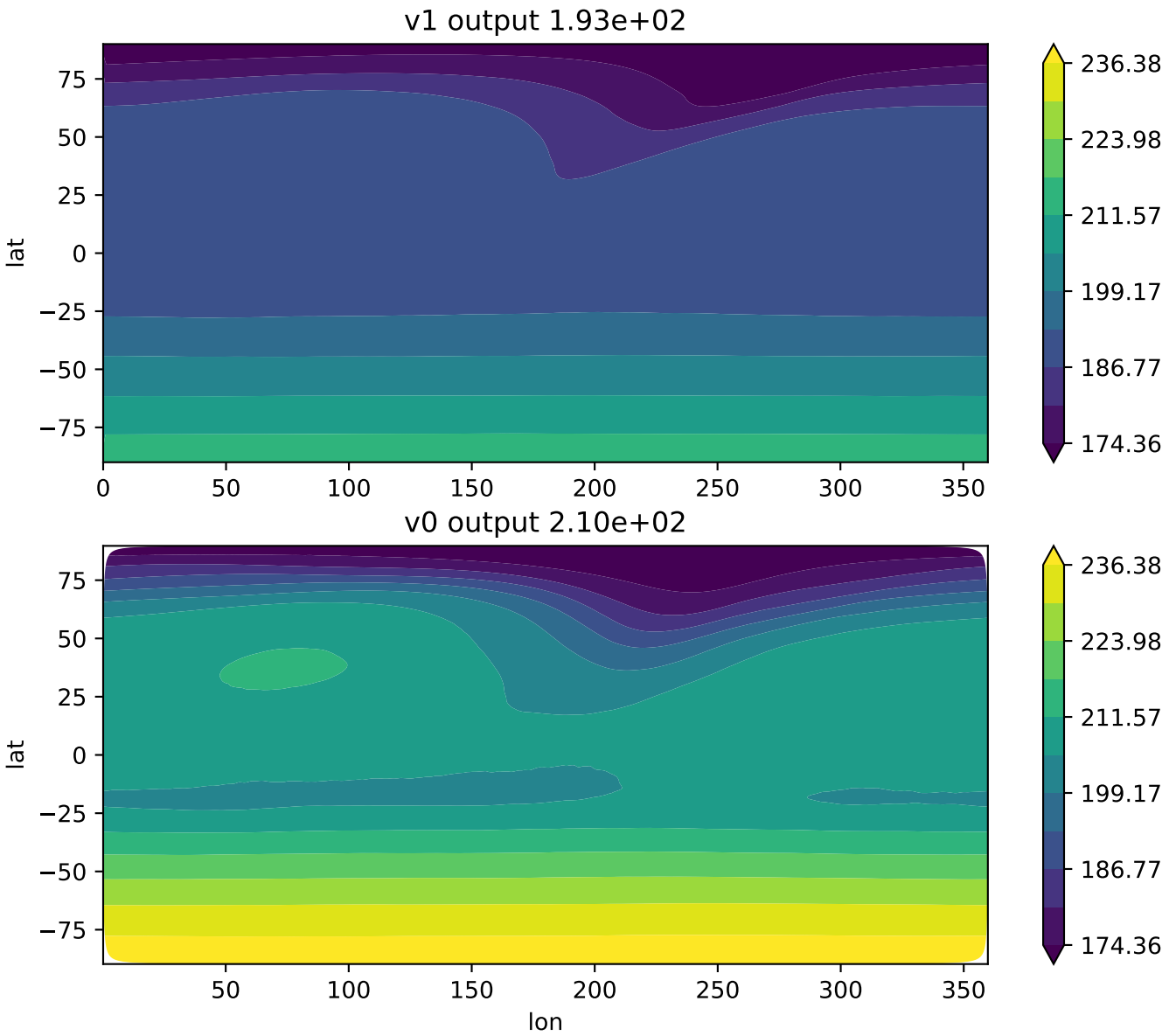

nc Global PDF, units=1/m2)
v1
v0
Probability
0.10
0.05
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1e11
nc
v1 output 2.05e+10
1e10
9.859
7.887
5.916
3.944
1.972
0.000
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
v0 output 2.23e+10
1e10
9.859
7.887
5.916
3.944
1.972
0.000
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon

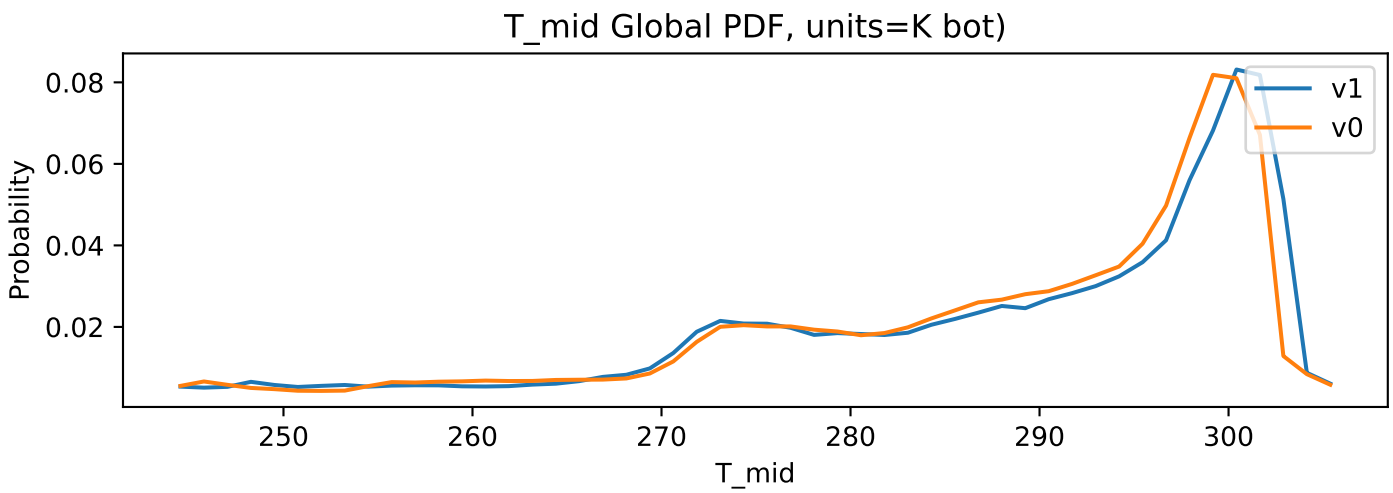

ni Global PDF, units=1/m2)
Probability
0.10
0.08
0.06
0.04
0.02
0.00
0
1
2
3
4
5
ni
1e8
v1
v0

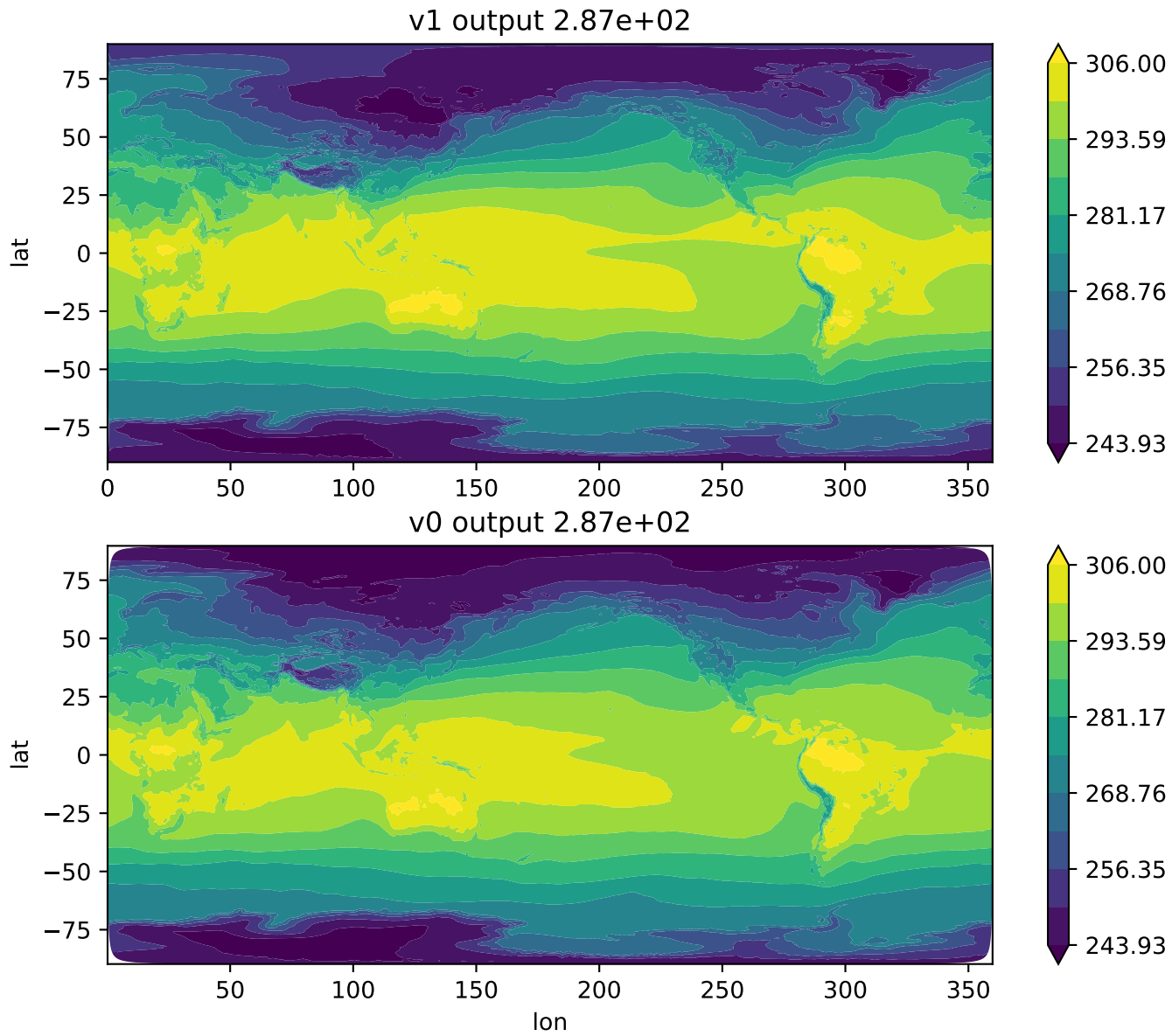

v1 output 1.21e+08
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
1e8
5.410
4.339
3.268
2.197
1.126
0.055

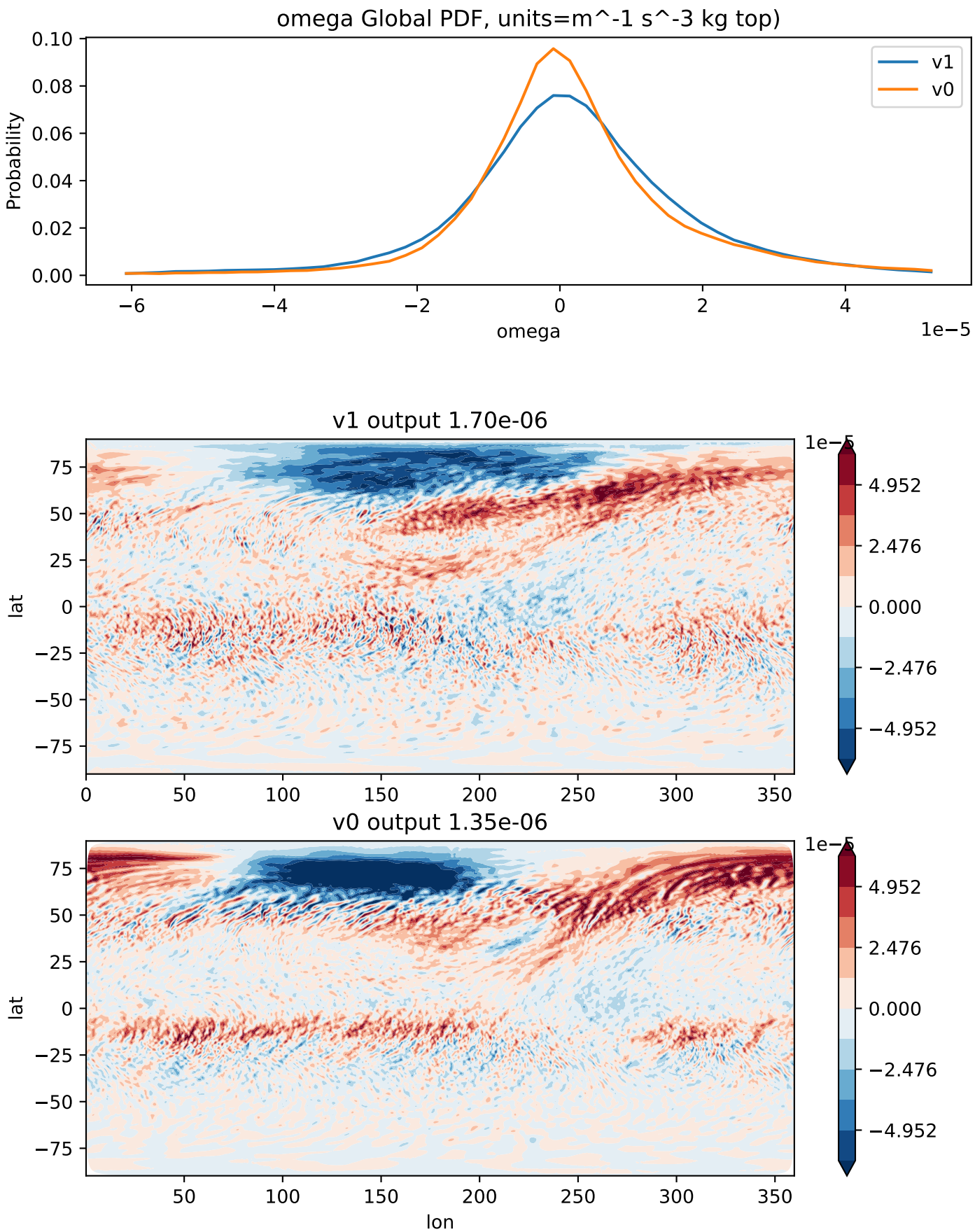

v0 output 1.05e+08
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
1e8
5.410
4.339
3.268
2.197
1.126
0.055

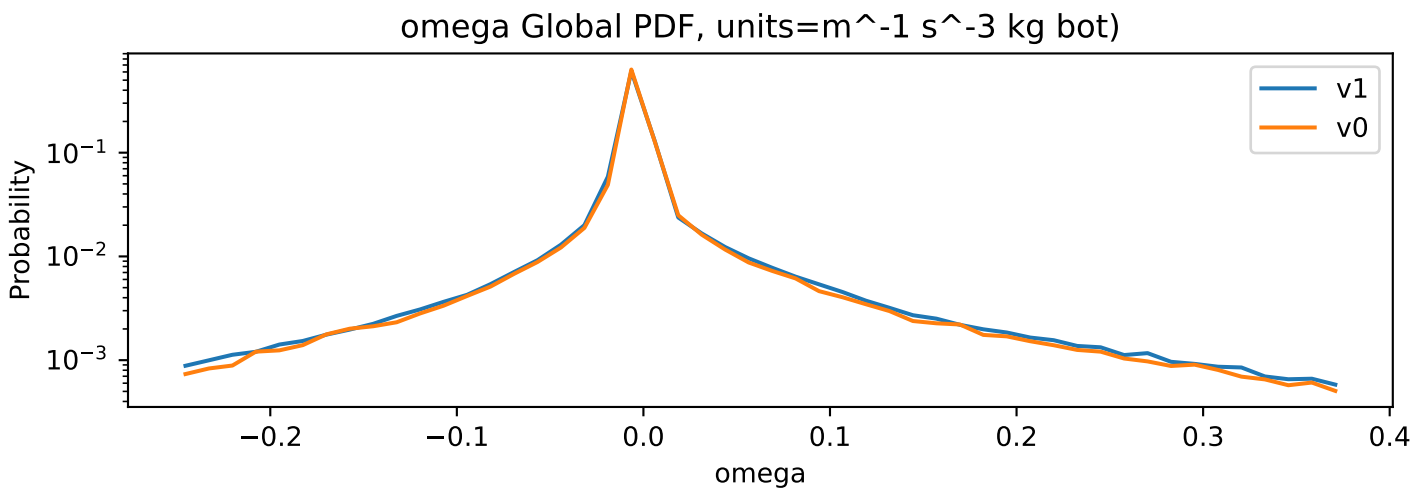

T_mid Global PDF, units=K top)
Probability
T_mid
v1
v0
0.0
0.1
0.2
0.3
180
190
200
210
220
230

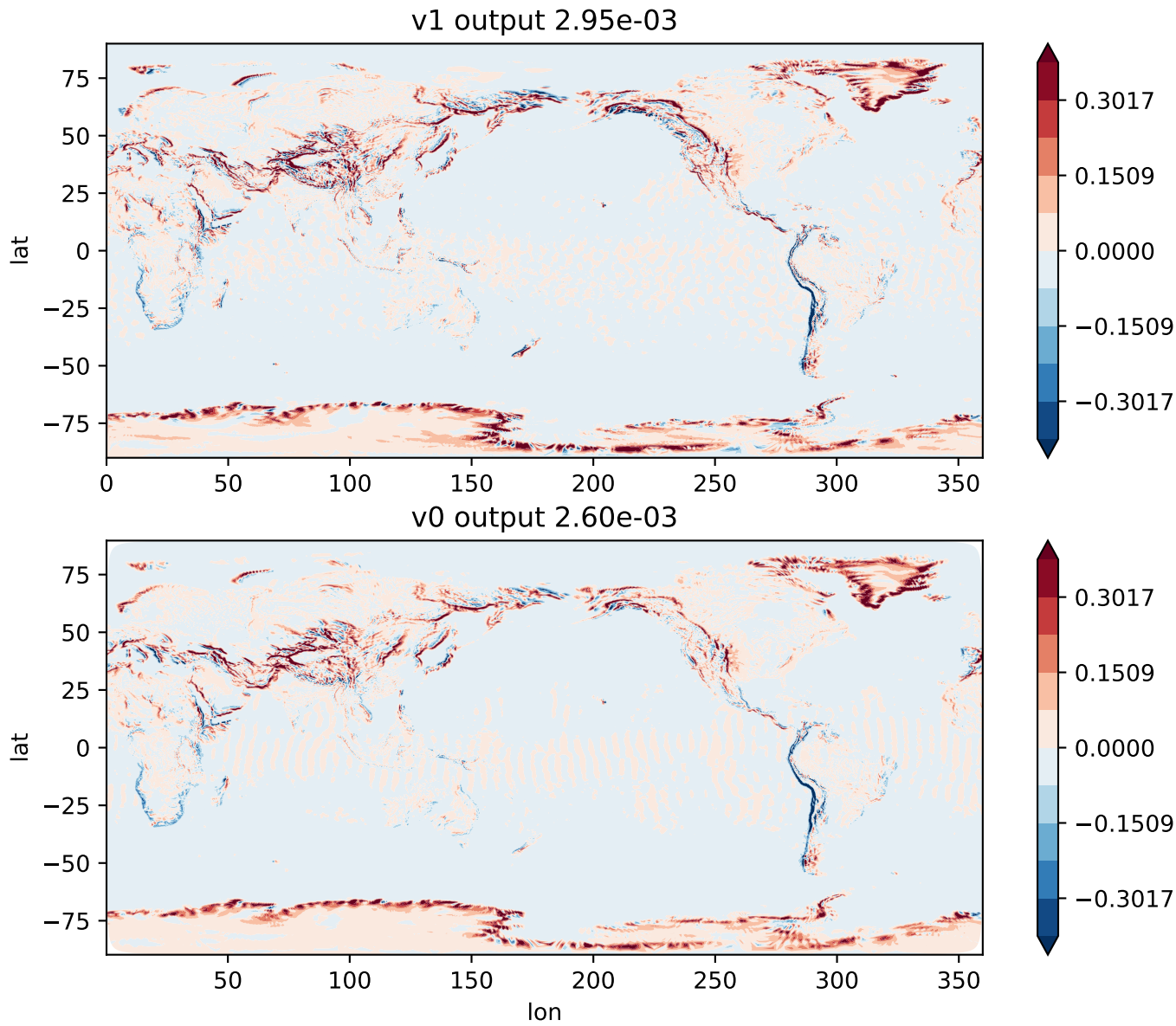

v1 output 1.93e+02
v0 output 2.10e+02
lat
lon
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
236.38
223.98
211.57
199.17
186.77
174.36

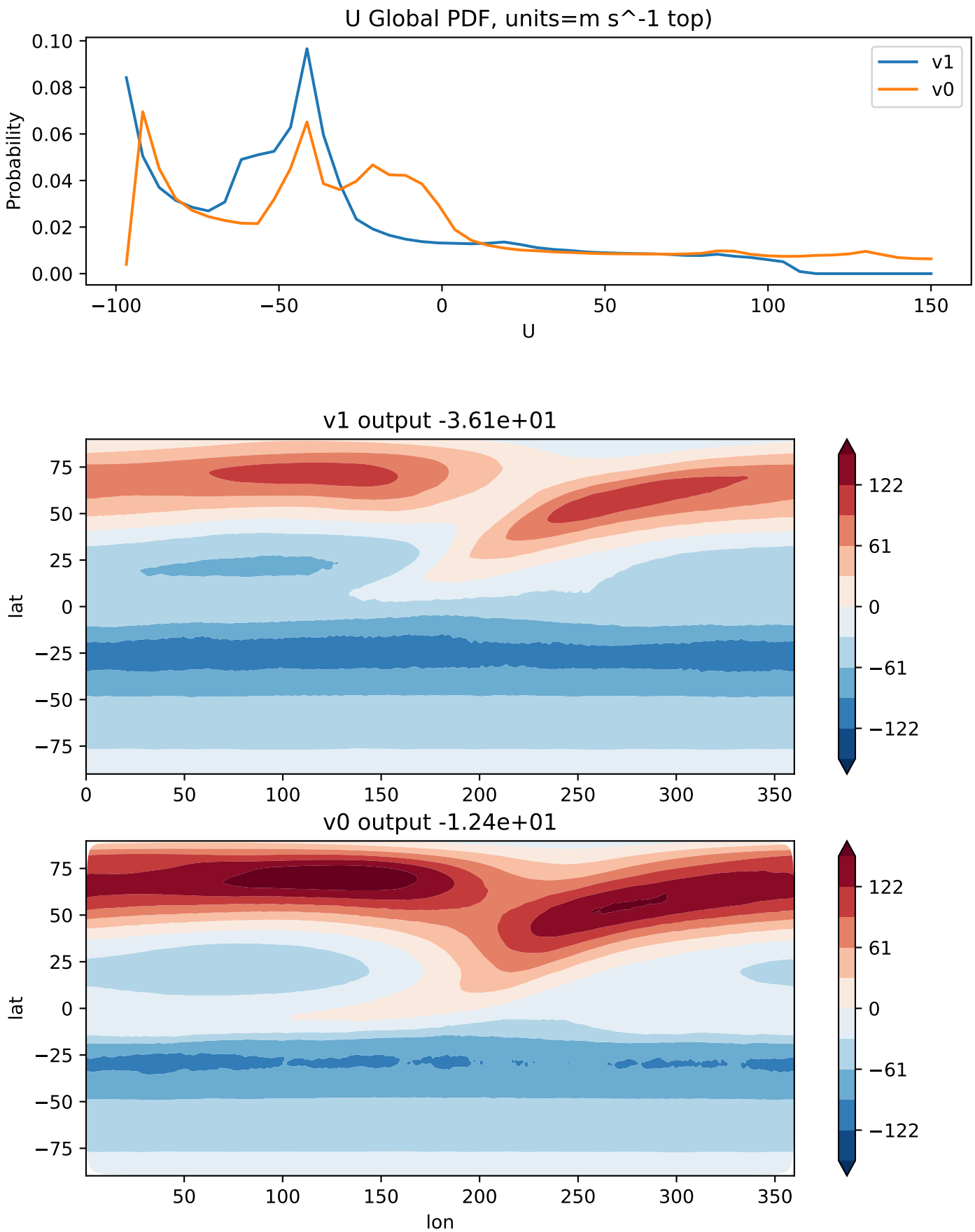

T_mid Global PDF, units=K bot)
Probability
0.08
0.06
0.04
0.02
250
260
270
280
290
300
T_mid
v1
v0

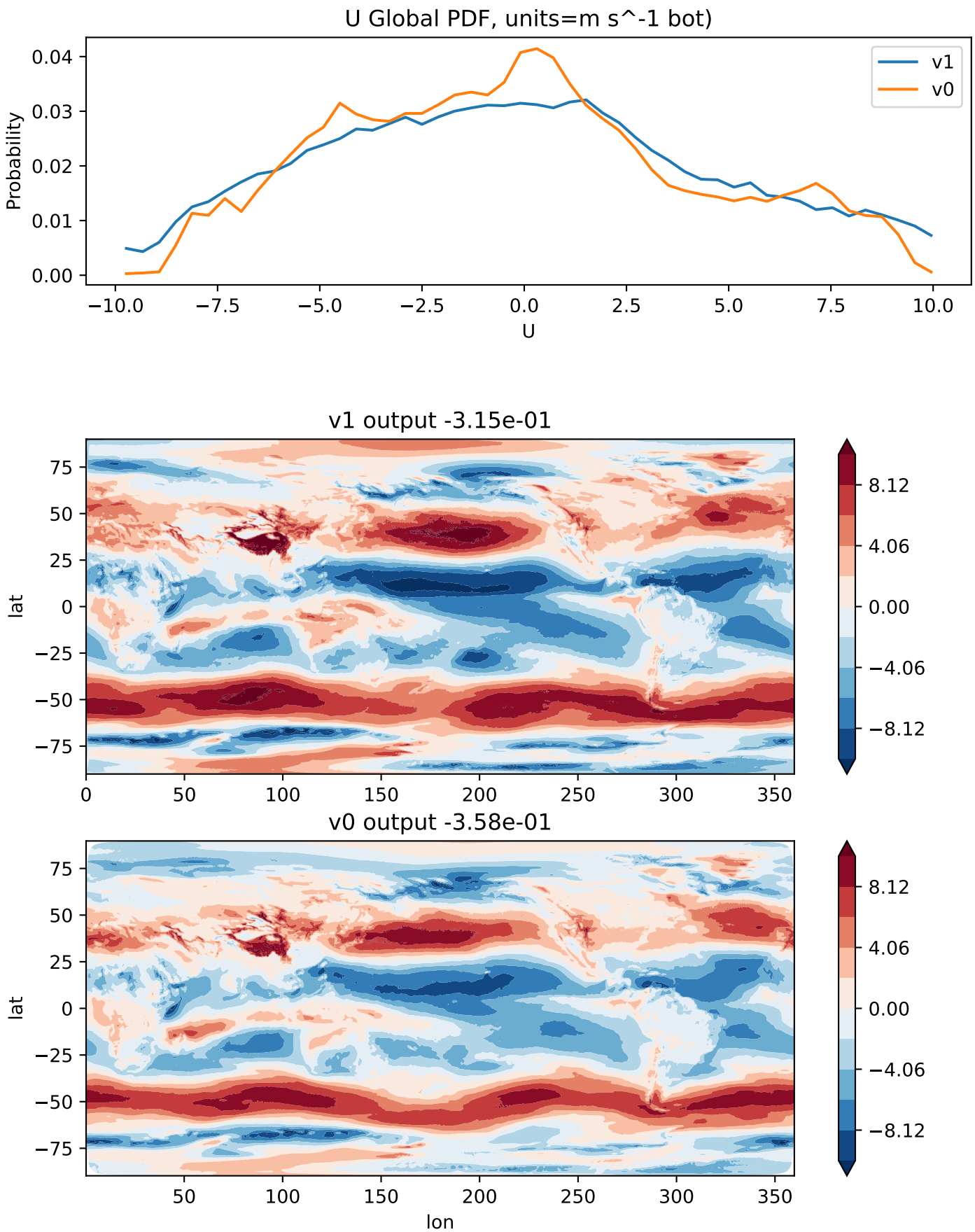

v1 output 2.87e+02
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
306.00
293.59
281.17
268.76
256.35
243.93
v0 output 2.87e+02
lat
lon

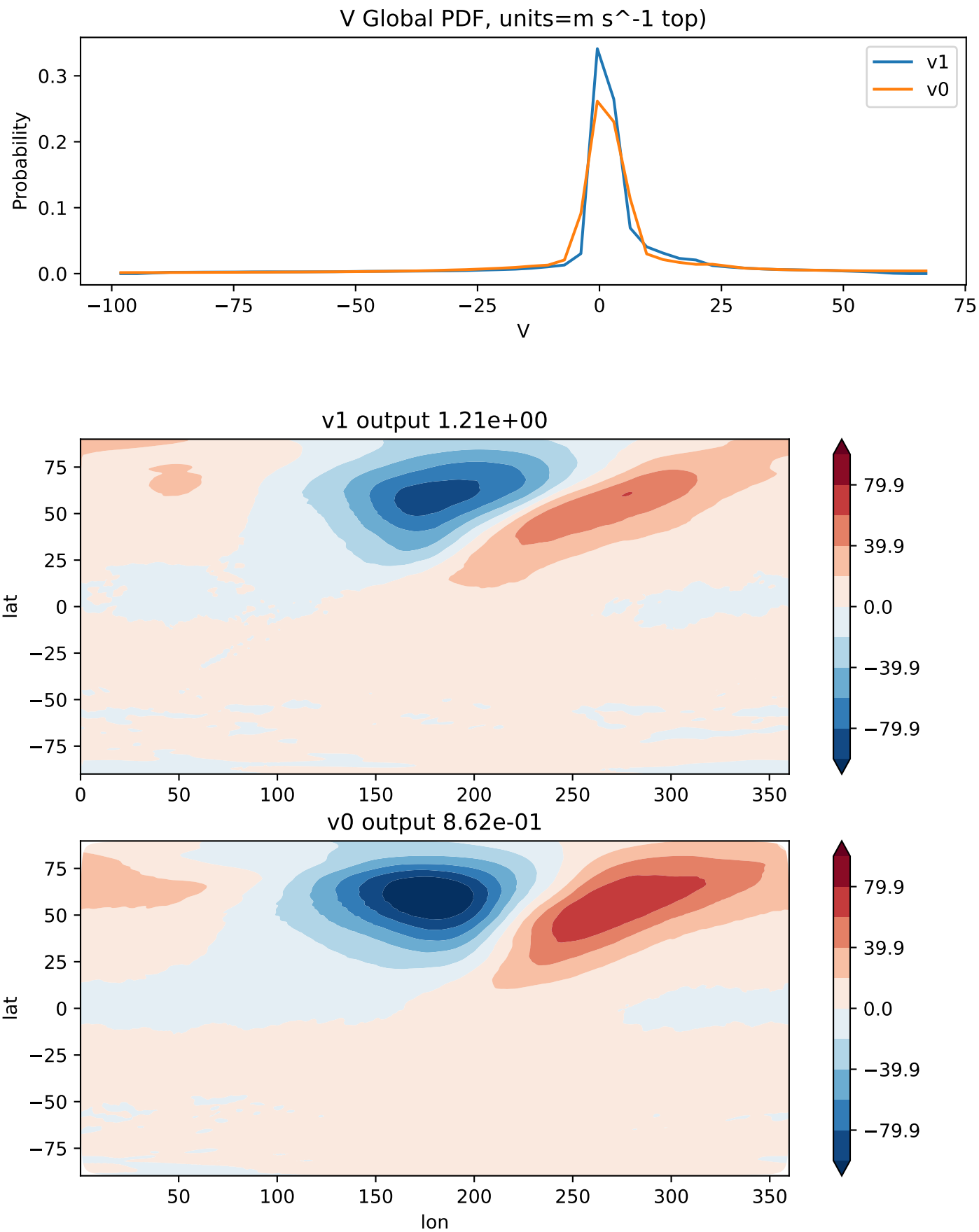

omega Global PDF, units=m^-1 s^-3 kg top)
Probability
omega
1e−5
v1
v0
v1 output 1.70e-06
v0 output 1.35e-06
lat
lon
1e−5
4.952
2.476
0.000
−2.476
−4.952

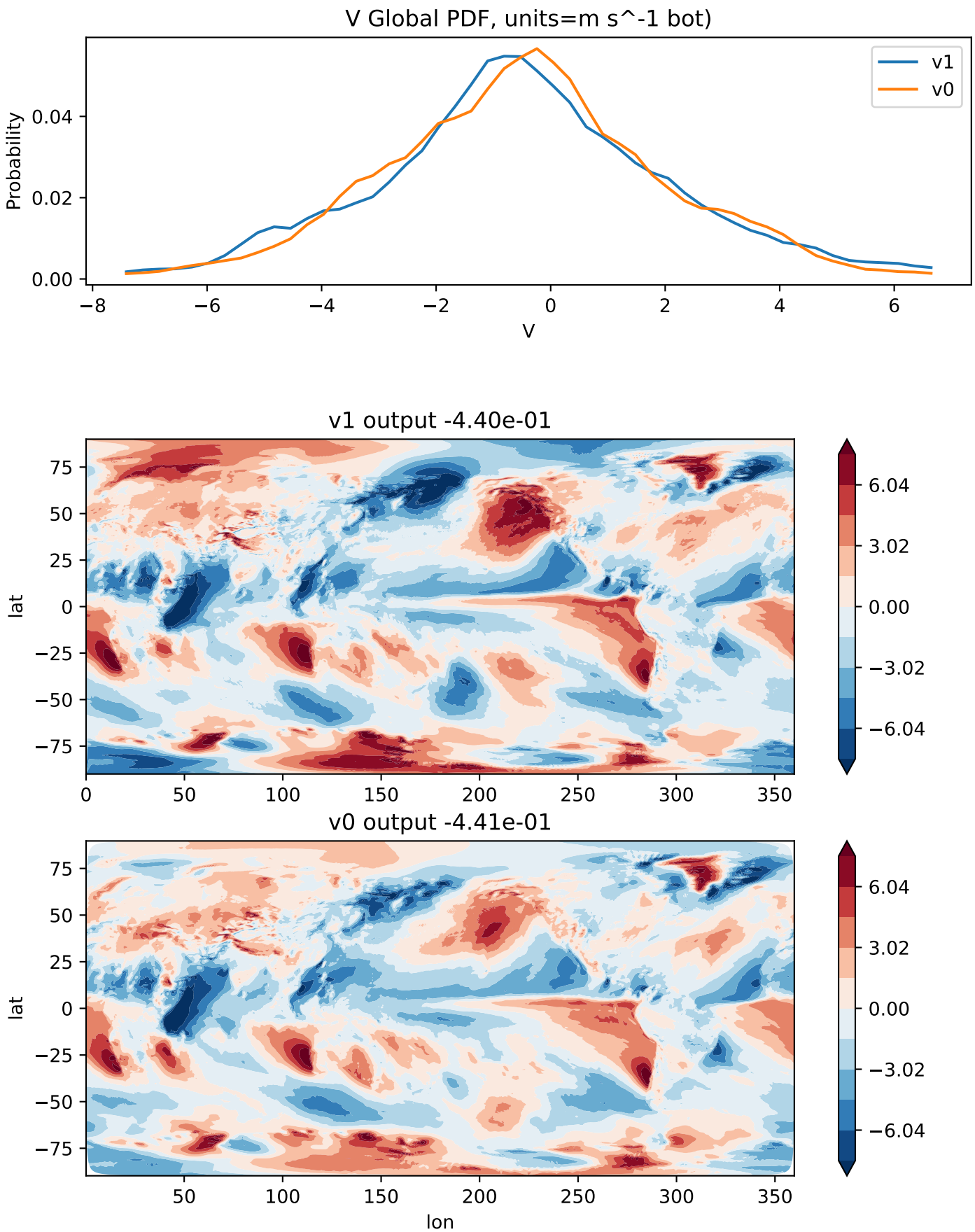

omega Global PDF, units=m^-1 s^-3 kg bot)
v1
v0
Probability
10^{-1}
10^{-2}
10^{-3}
−0.2
−0.1
0.0
0.1
0.2
0.3
0.4
omega

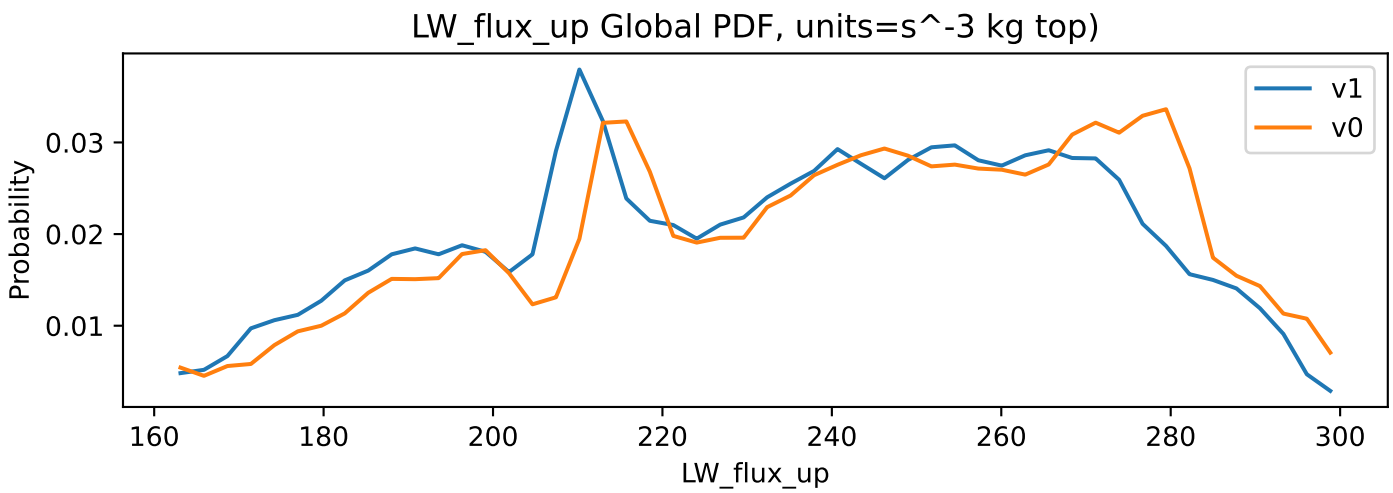

v1 output 2.95e-03
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
0.3017
0.1509
0.0000
−0.1509
−0.3017
v0 output 2.60e-03
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
0.3017
0.1509
0.0000
−0.1509
−0.3017

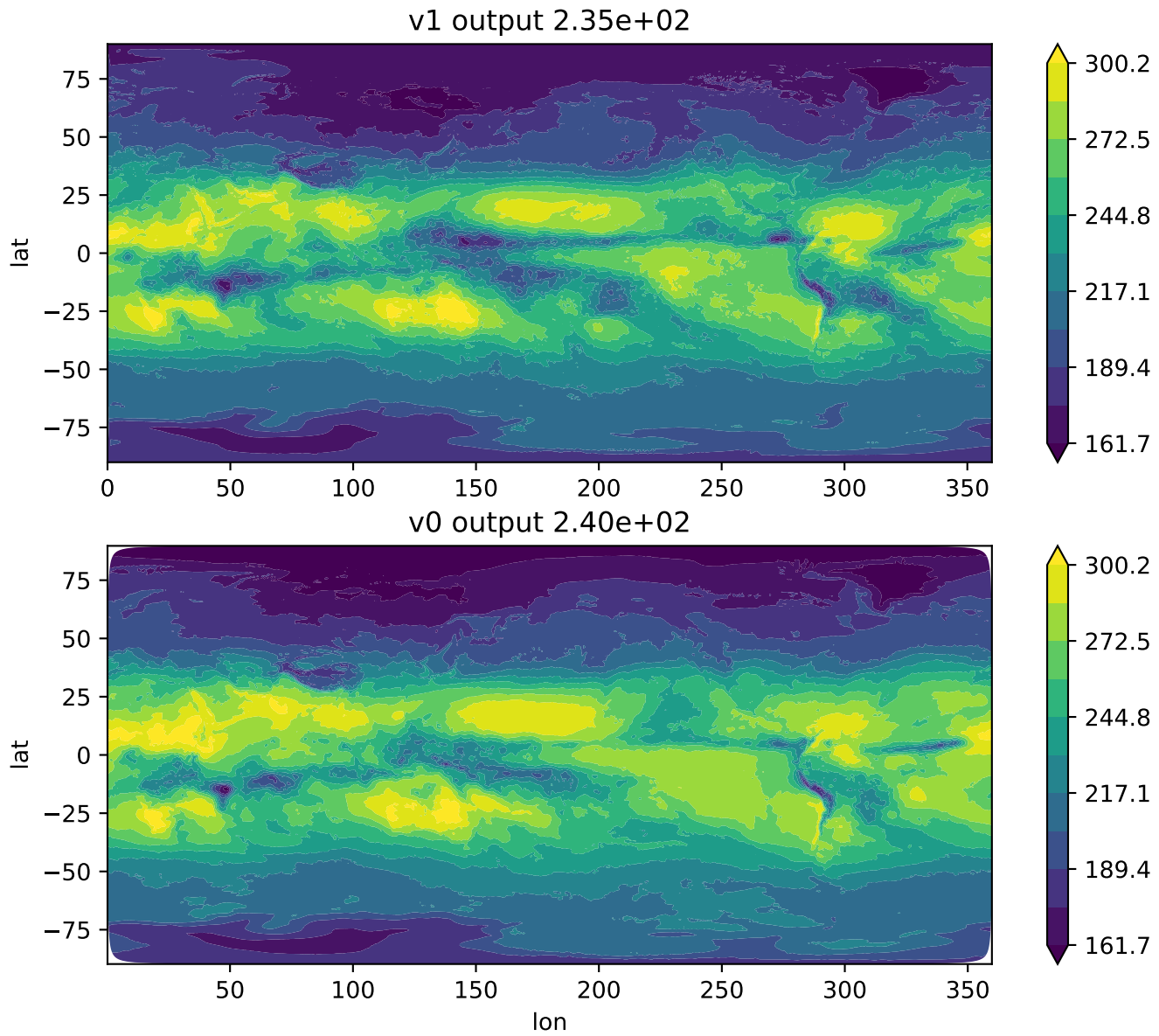

U Global PDF, units=m s^-1 top)
Probability
U
v1
v0
0.10
0.08
0.06
0.04
0.02
0.00
−100
−50
0
50
100
150
v1 output -3.61e+01
v0 output -1.24e+01
lat
lon
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
122
61
0
−61
−122

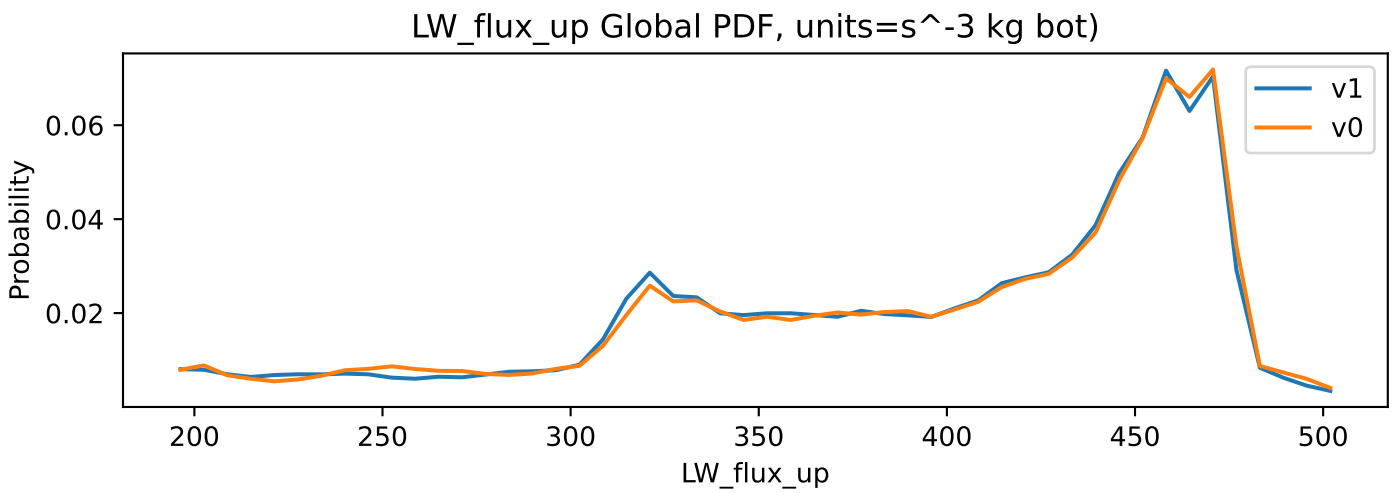

U Global PDF, units=m s^-1 bot)
Probability
U
v1
v0
v1 output -3.15e-01
v0 output -3.58e-01
lat
lon
8.12
4.06
0.00
−4.06
−8.12

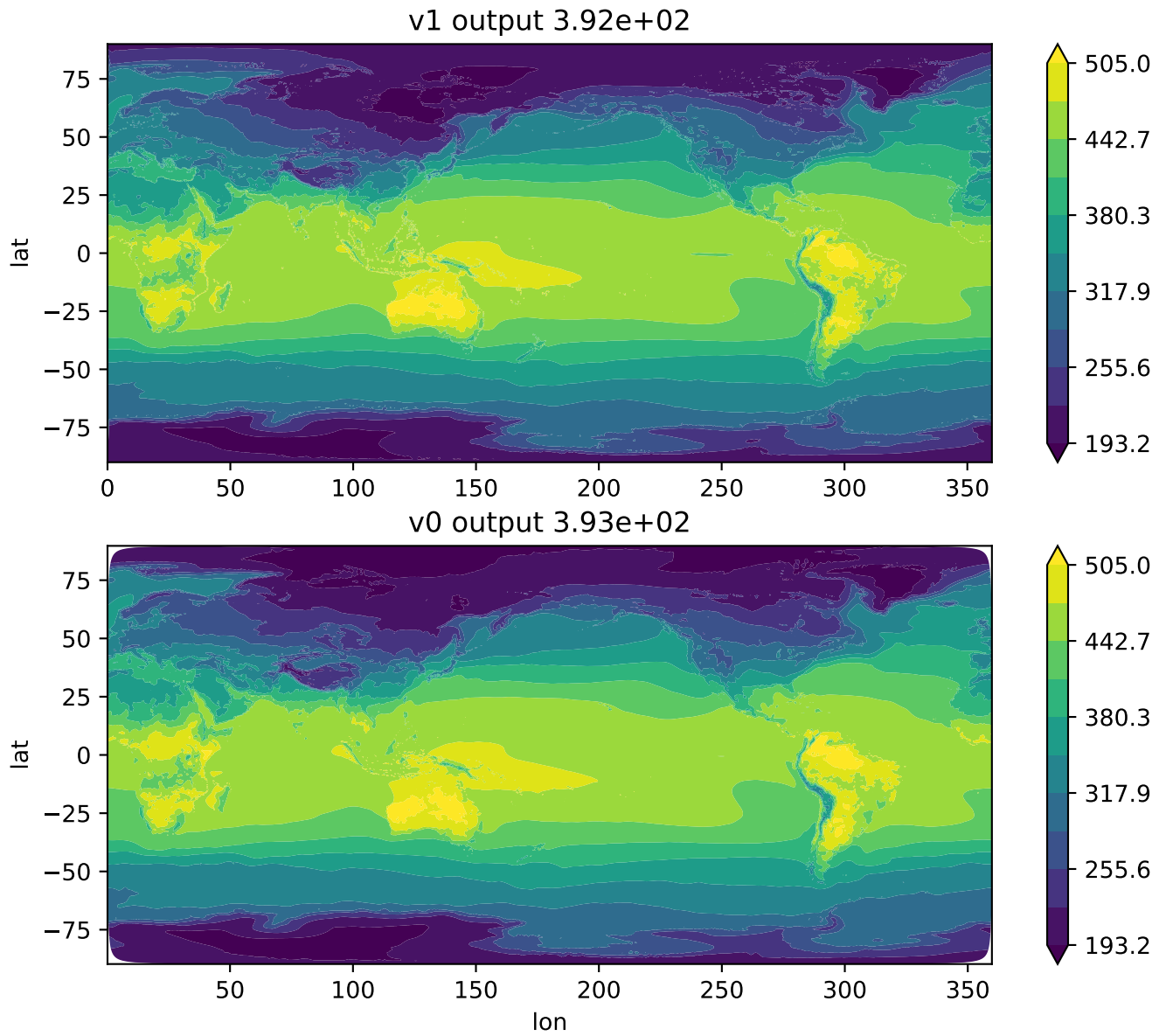

V Global PDF, units=m s^-1 top)
Probability
V
v1
v0
v1 output 1.21e+00
lat
v0 output 8.62e-01
lat
lon
79.9
39.9
0.0
−39.9
−79.9

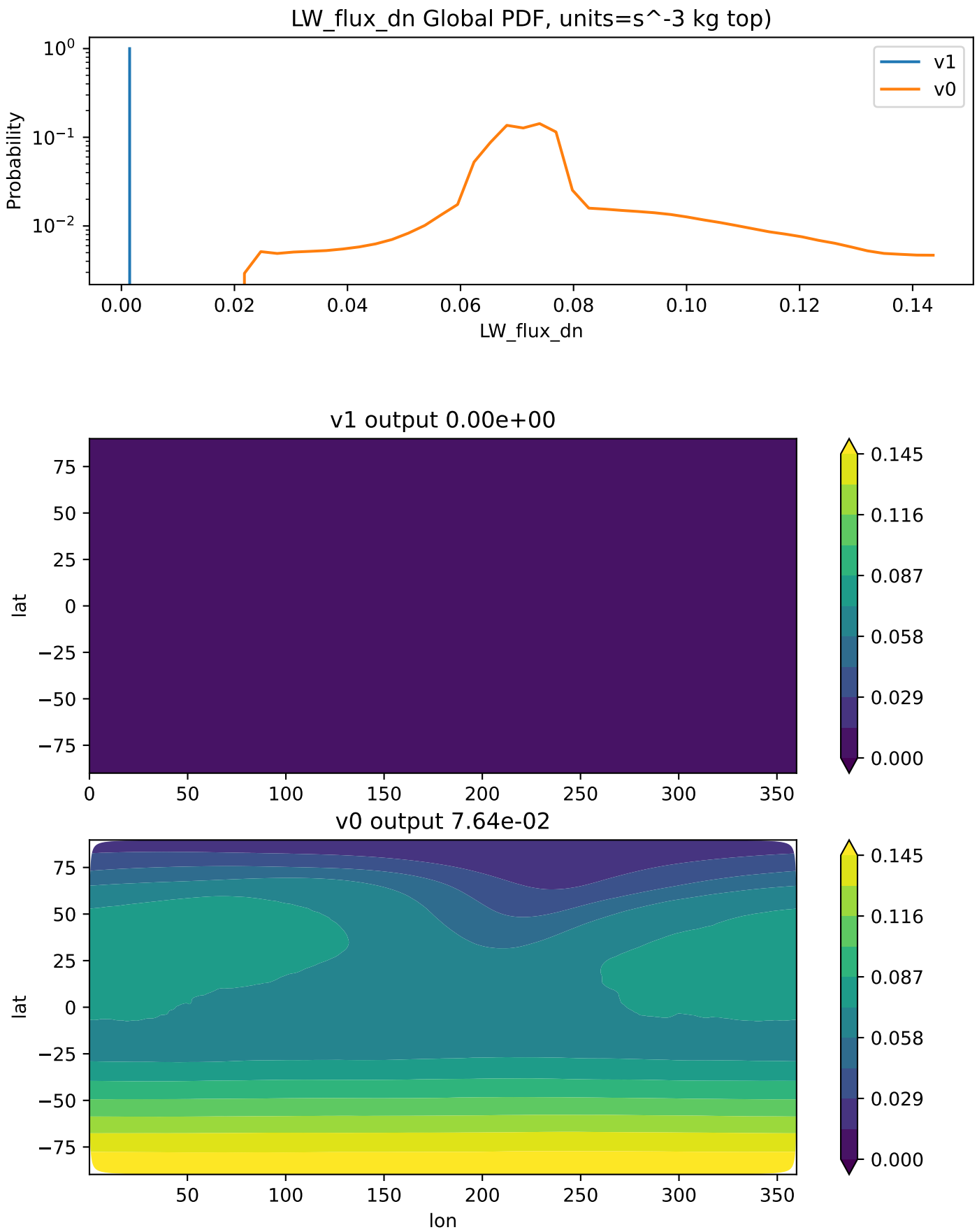

V Global PDF, units=m s^-1 bot)
v1
v0
Probability
0.00
0.02
0.04
−8
−6
−4
−2
0
2
4
6
V
v1 output -4.40e-01
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
6.04
3.02
0.00
−3.02
−6.04
v0 output -4.41e-01
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
6.04
3.02
0.00
−3.02
−6.04

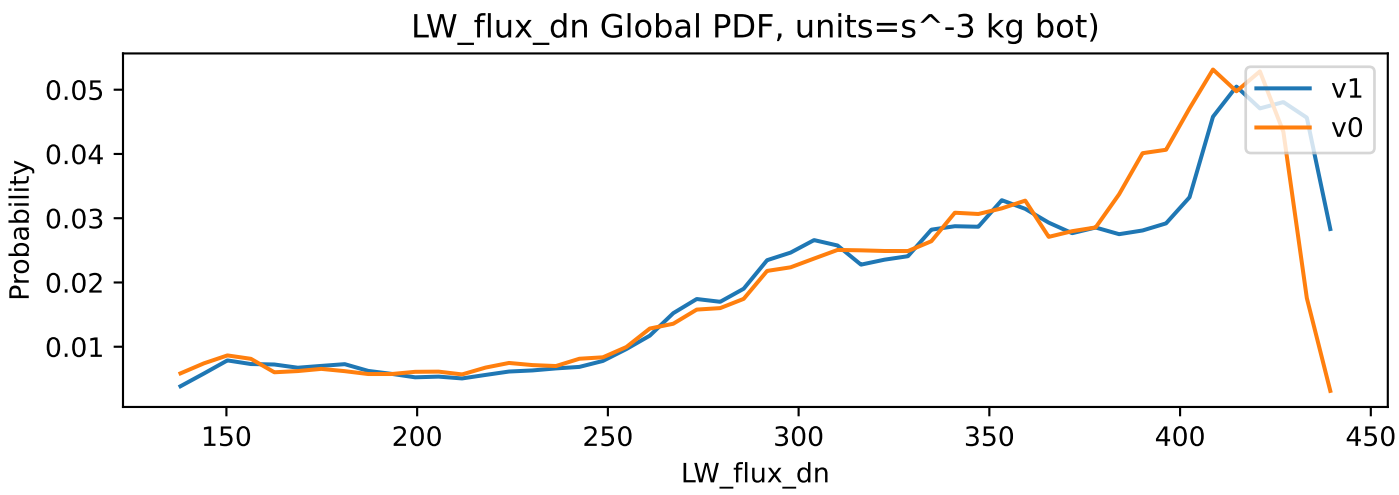

LW_flux_up Global PDF, units=s^-3 kg top)
Probability
0.03
0.02
0.01
160
180
200
220
240
260
280
300
LW_flux_up
v1
v0

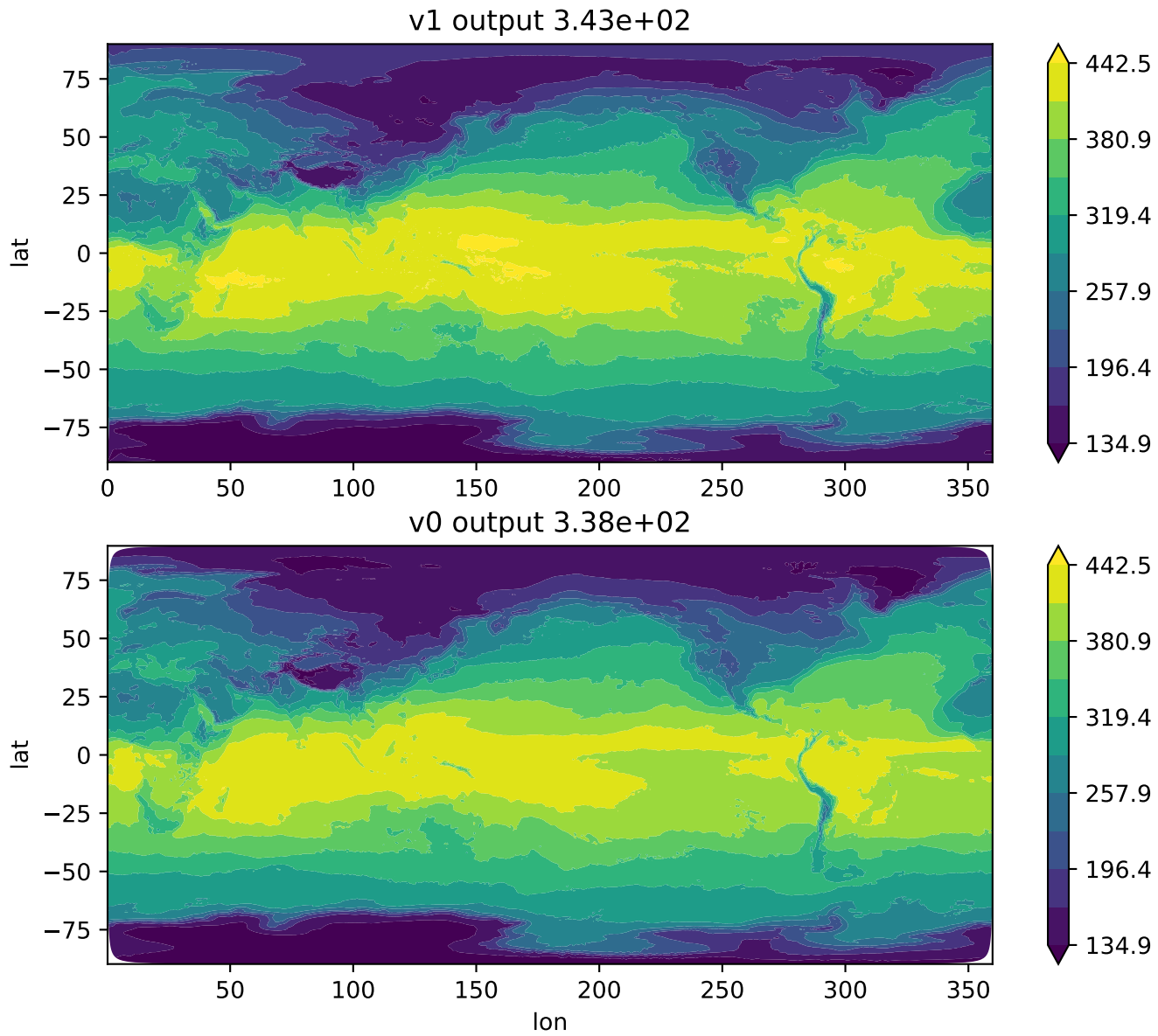

v1 output 2.35e+02
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
300.2
272.5
244.8
217.1
189.4
161.7
v0 output 2.40e+02
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
300.2
272.5
244.8
217.1
189.4
161.7

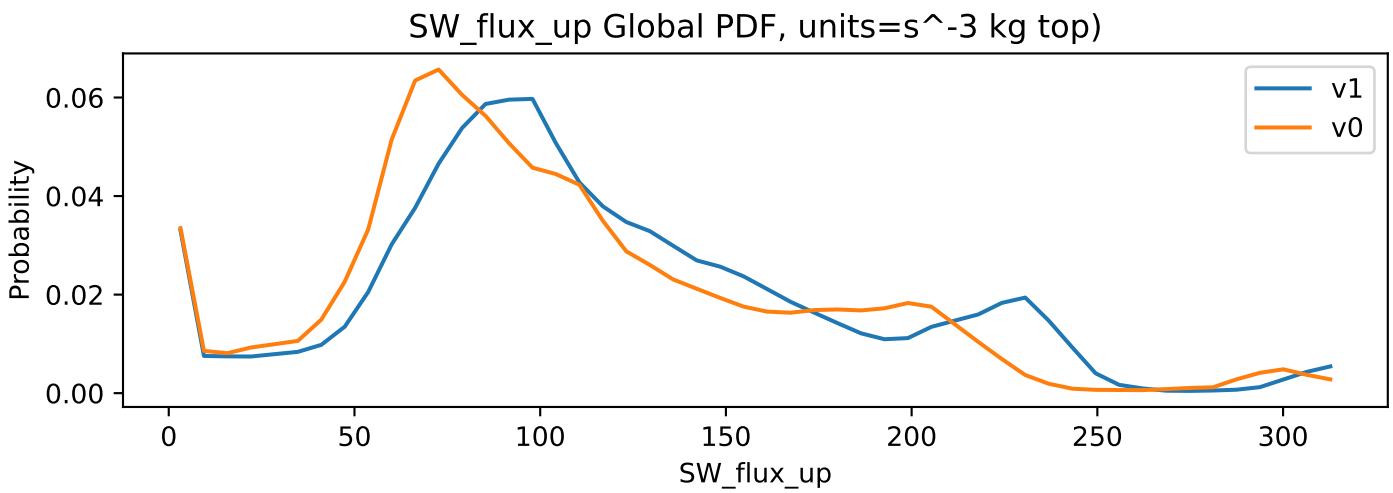

LW_flux_up Global PDF, units=s^-3 kg bot)
Probability
0.06
0.04
0.02
200
250
300
350
400
450
500
LW_flux_up
v1
v0

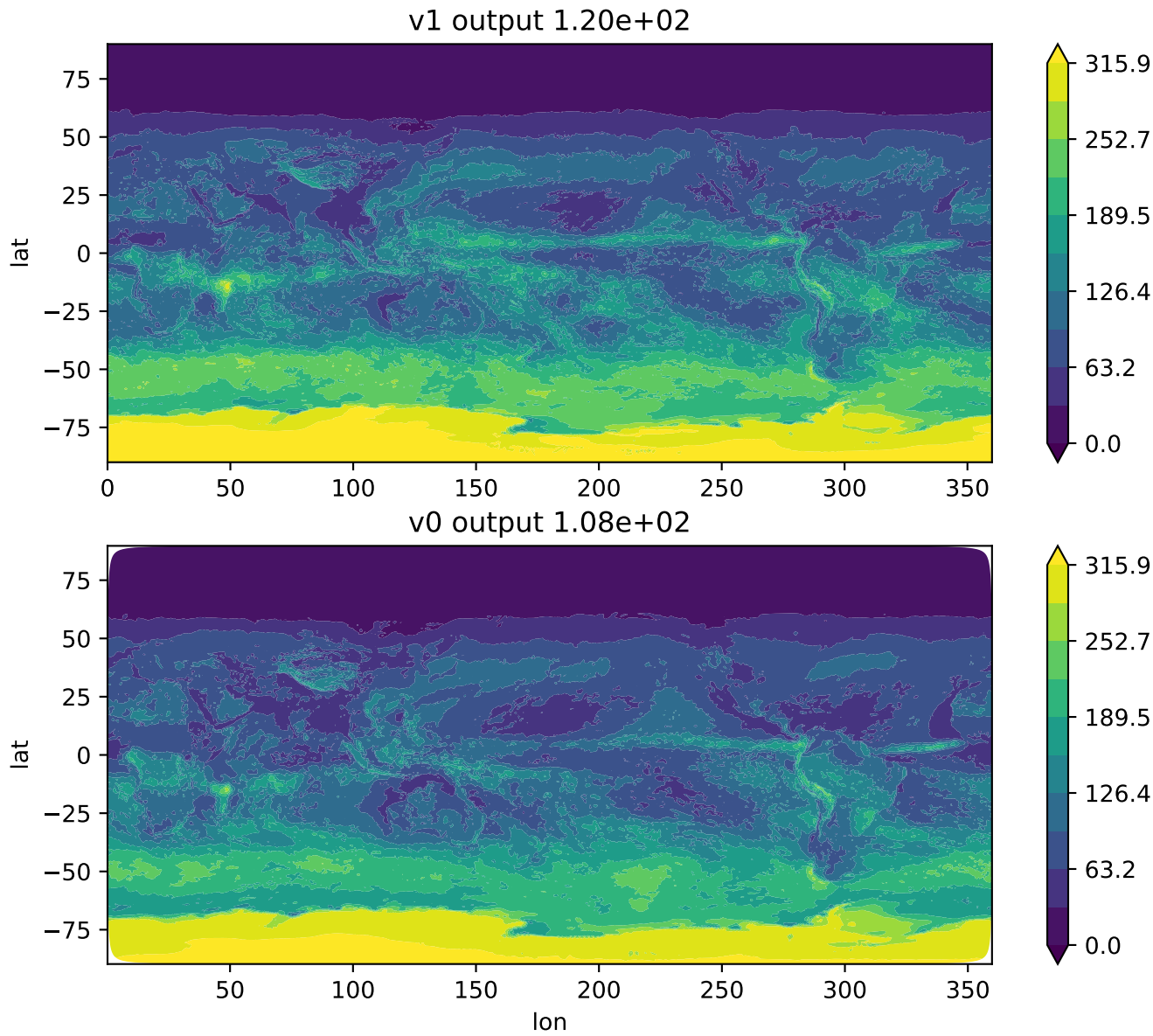

v1 output 3.92e+02
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
505.0
442.7
380.3
317.9
255.6
193.2
v0 output 3.93e+02
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
505.0
442.7
380.3
317.9
255.6
193.2

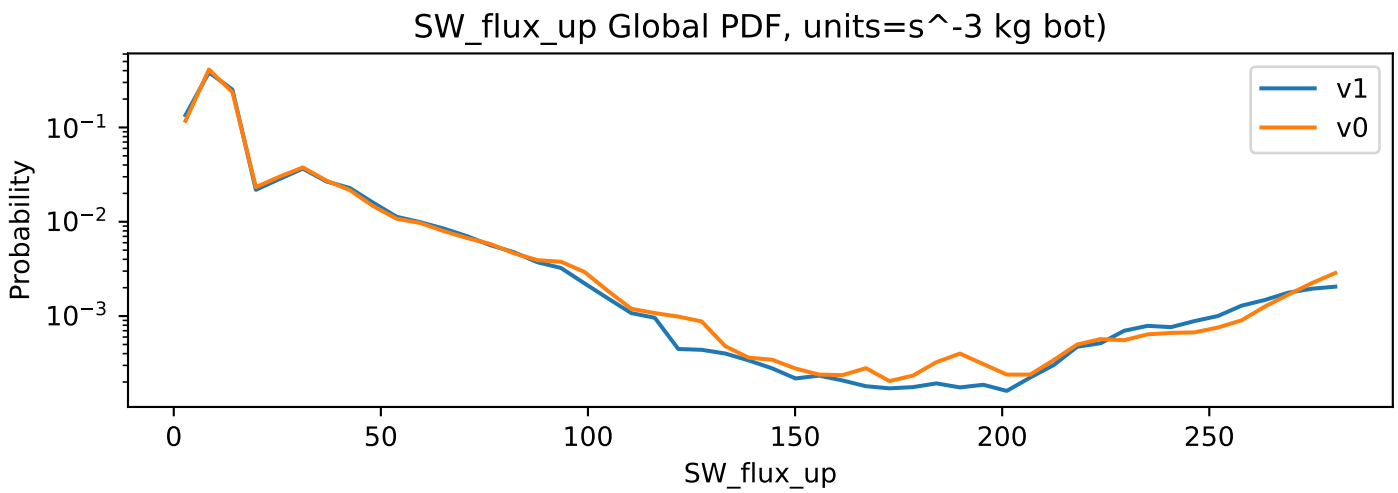

LW_flux_dn Global PDF, units=s^-3 kg top)
Probability
LW_flux_dn
v1
v0
v1 output 0.00e+00
v0 output 7.64e-02
lat
lon
0.145
0.116
0.087
0.058
0.029
0.000

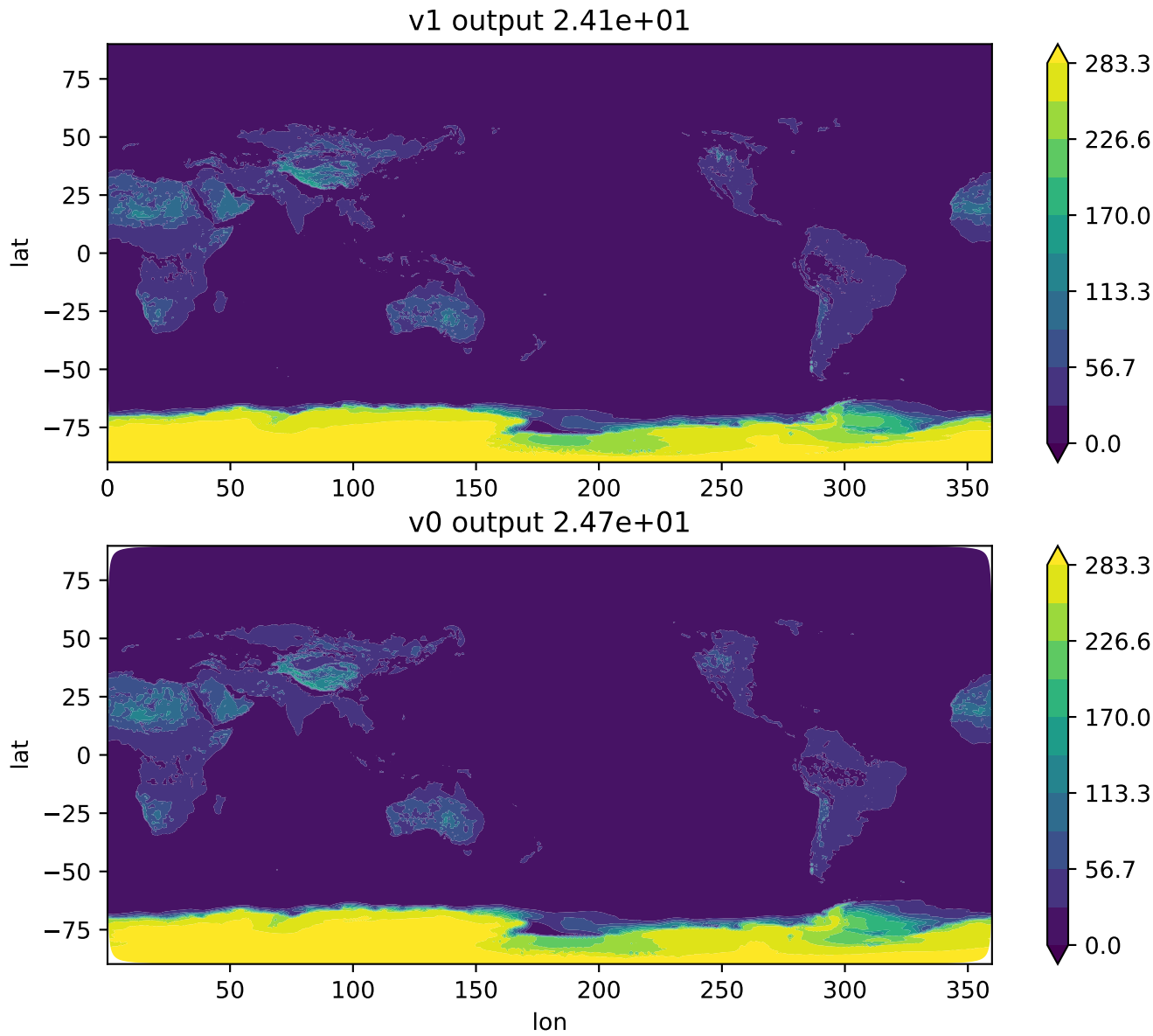

LW_flux_dn Global PDF, units=s^-3 kg bot)
Probability
0.05
0.04
0.03
0.02
0.01
150
200
250
300
350
400
450
LW_flux_dn
v1
v0

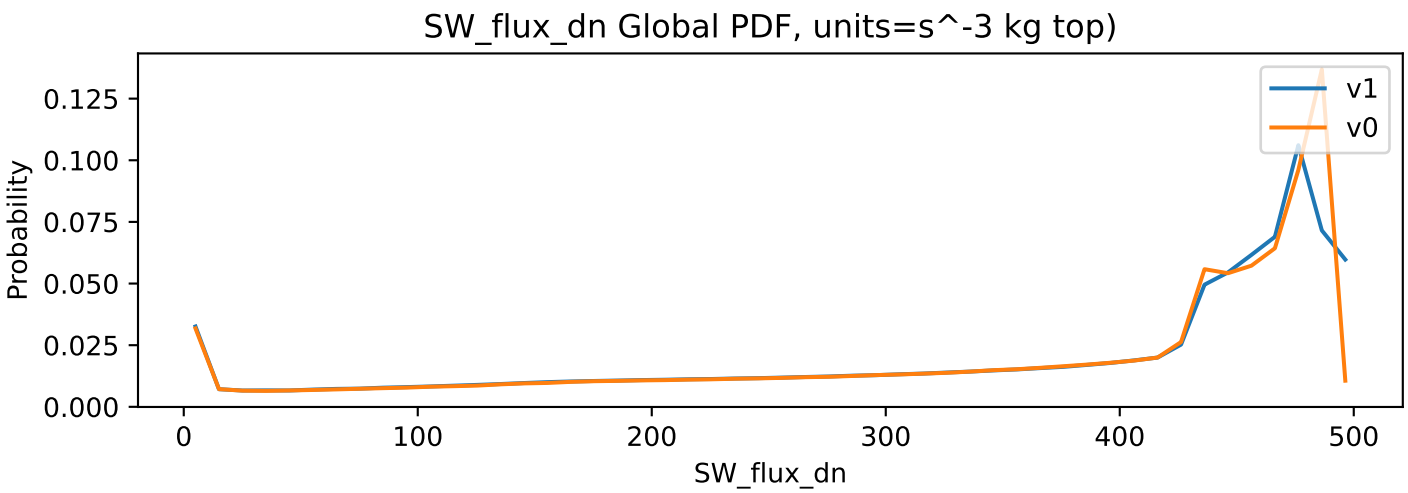

v1 output 3.43e+02
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
442.5
380.9
319.4
257.9
196.4
134.9
v0 output 3.38e+02
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
442.5
380.9
319.4
257.9
196.4
134.9

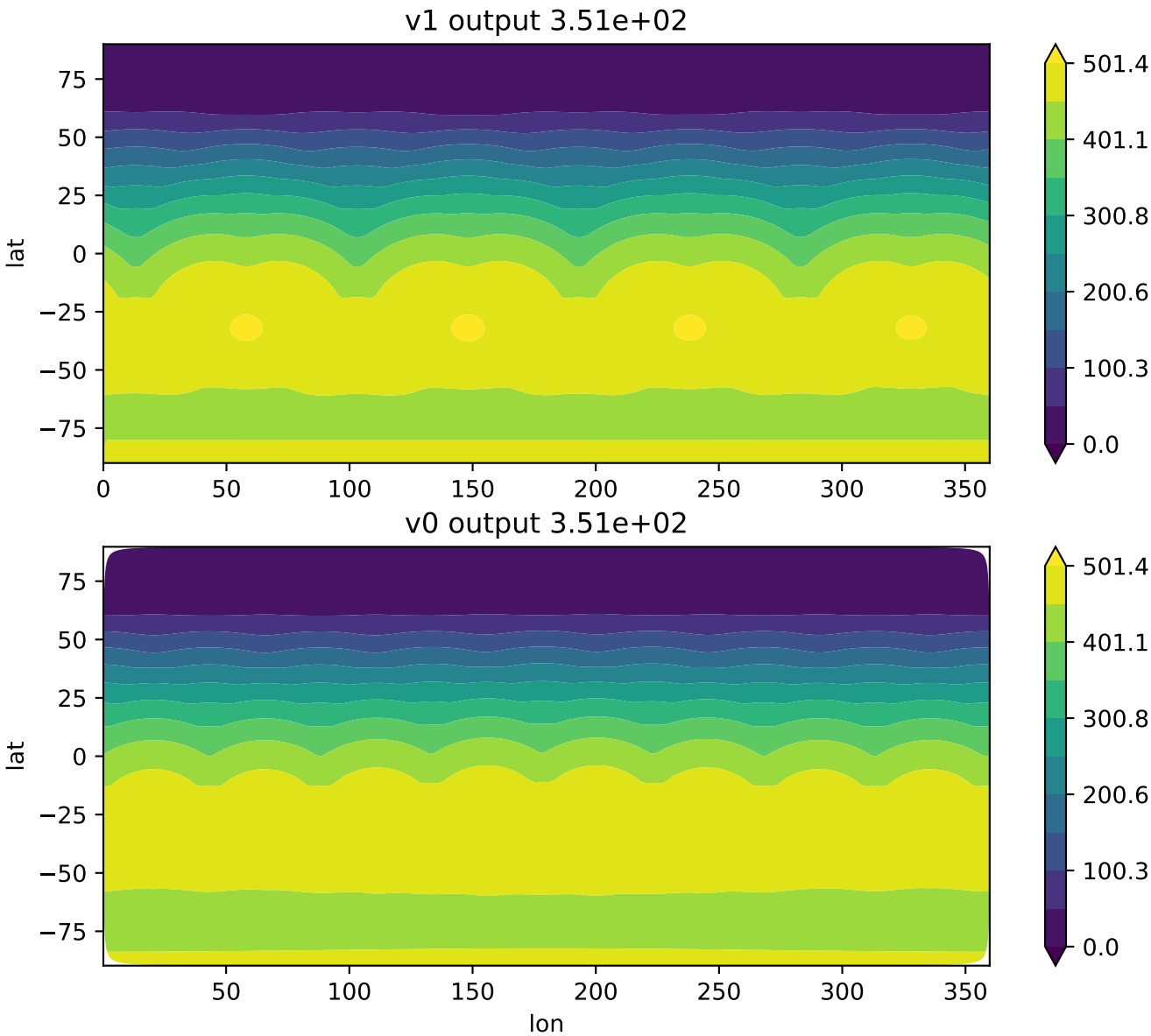

SW_flux_up Global PDF, units=s^-3 kg top)
Probability
0.06
0.04
0.02
0.00
0
50
100
150
200
250
300
SW_flux_up
v1
v0

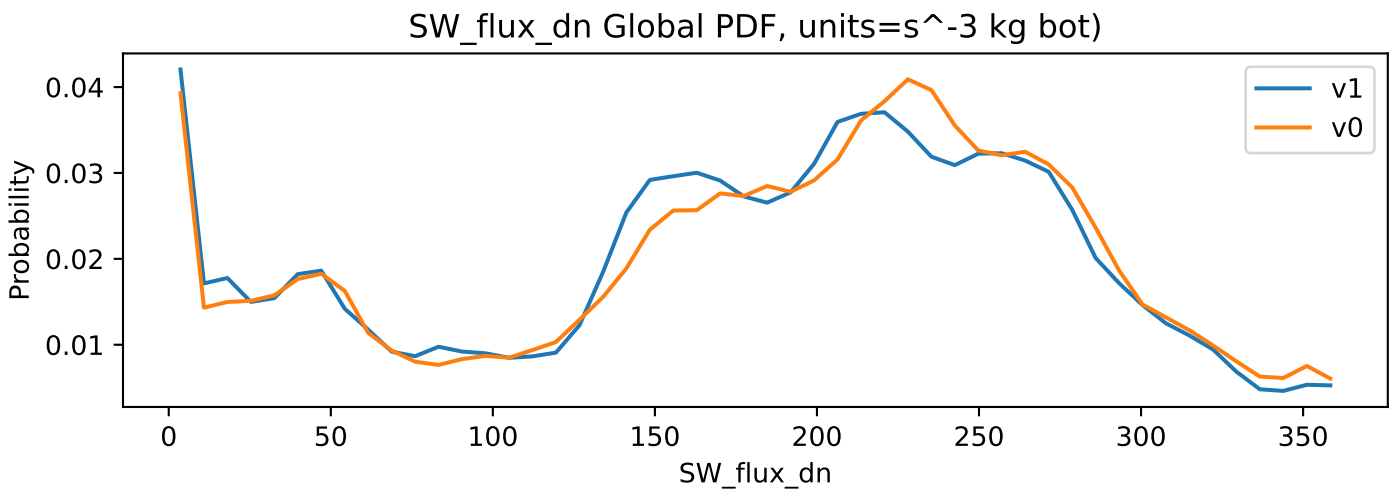

v1 output 1.20e+02
v0 output 1.08e+02
lat
lon
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
315.9
252.7
189.5
126.4
63.2
0.0

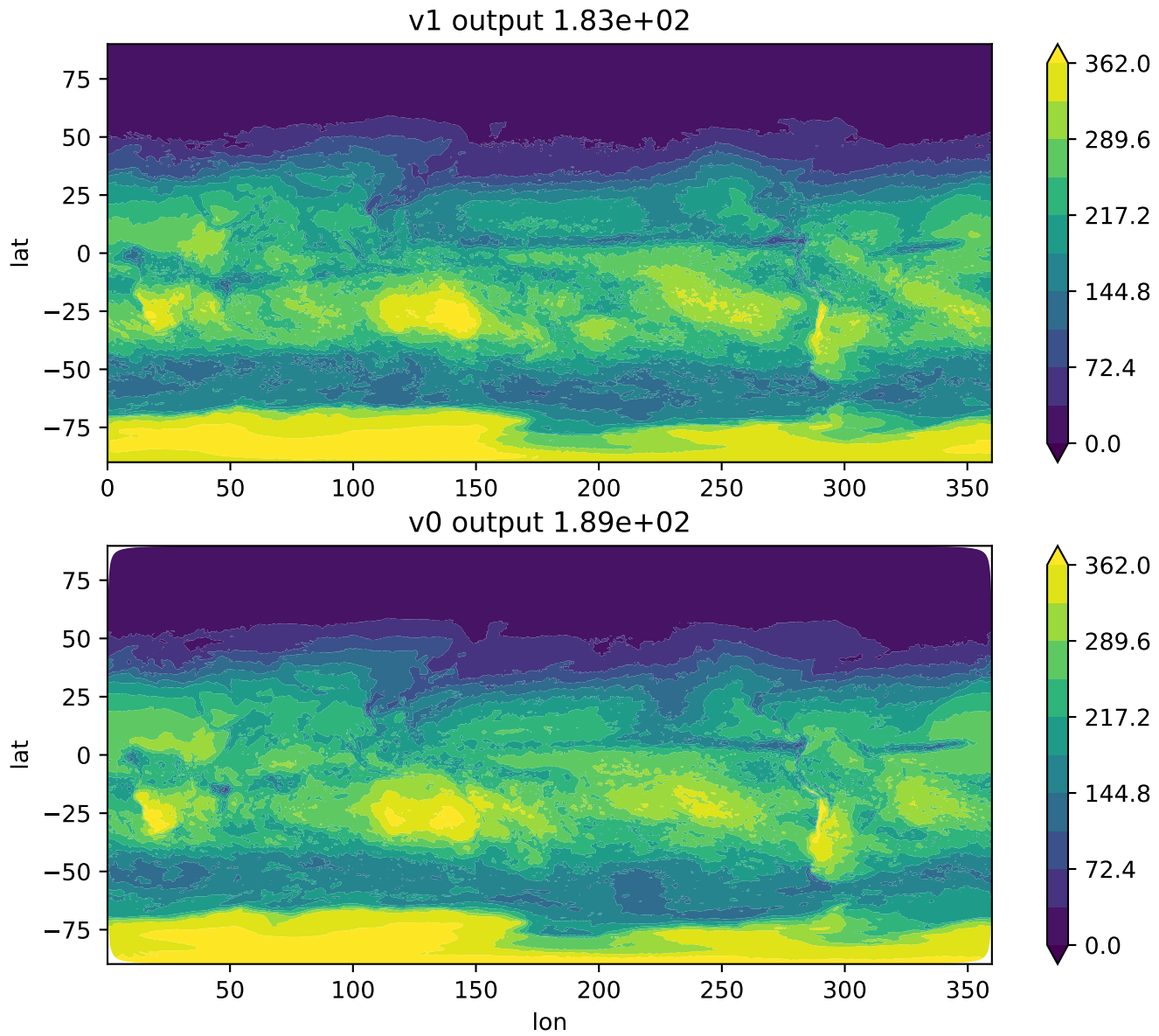

SW_flux_up Global PDF, units=s^-3 kg bot)
v1
v0
Probability
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SW_flux_up

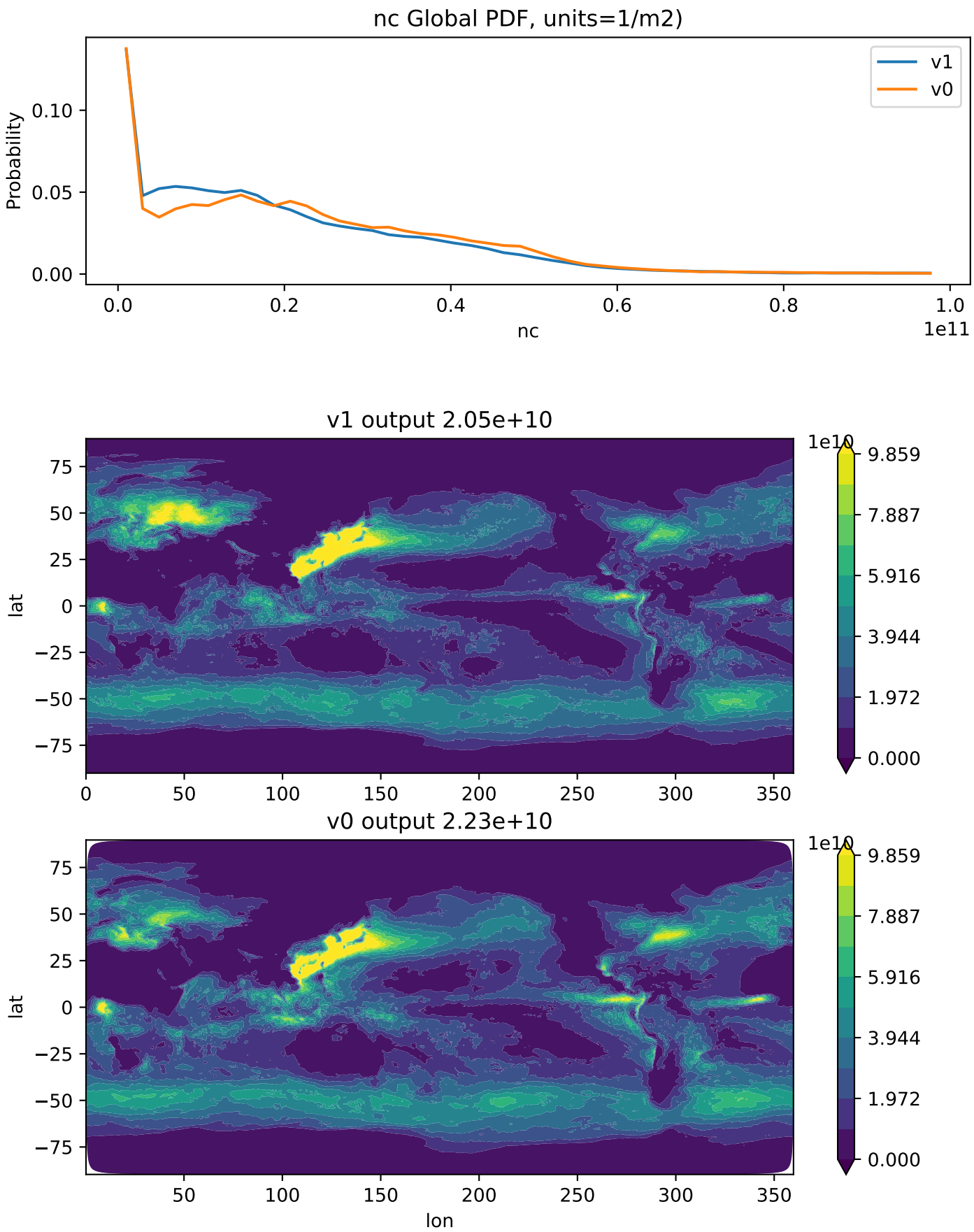

v1 output 2.41e+01
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
283.3
226.6
170.0
113.3
56.7
0.0
v0 output 2.47e+01
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
283.3
226.6
170.0
113.3
56.7
0.0

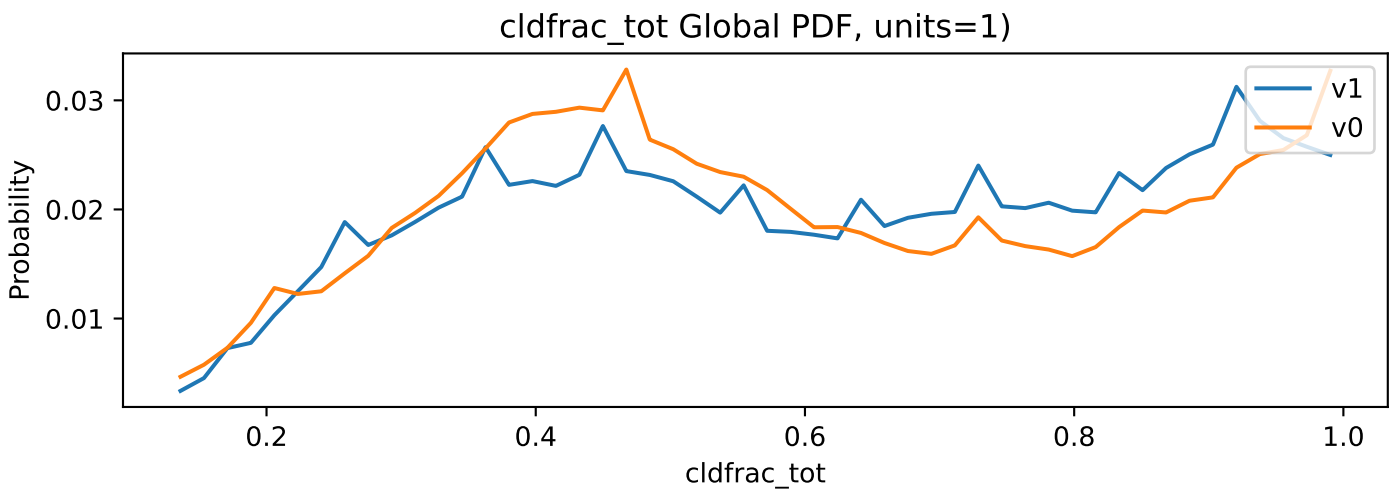

SW_flux_dn Global PDF, units=s^-3 kg top)
Probability
0.125
0.100
0.075
0.050
0.025
0.000
0
100
200
300
400
500
SW_flux_dn
v1
v0

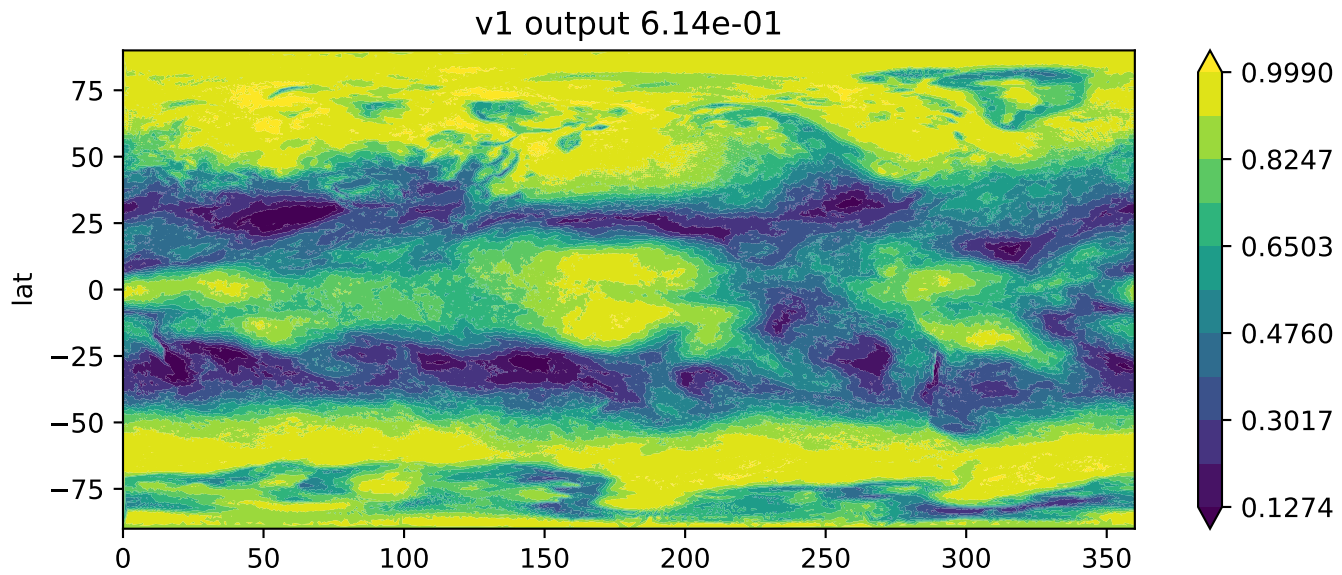

v1 output 3.51e+02
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
501.4
401.1
300.8
200.6
100.3
0.0
v0 output 3.51e+02
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
501.4
401.1
300.8
200.6
100.3
0.0

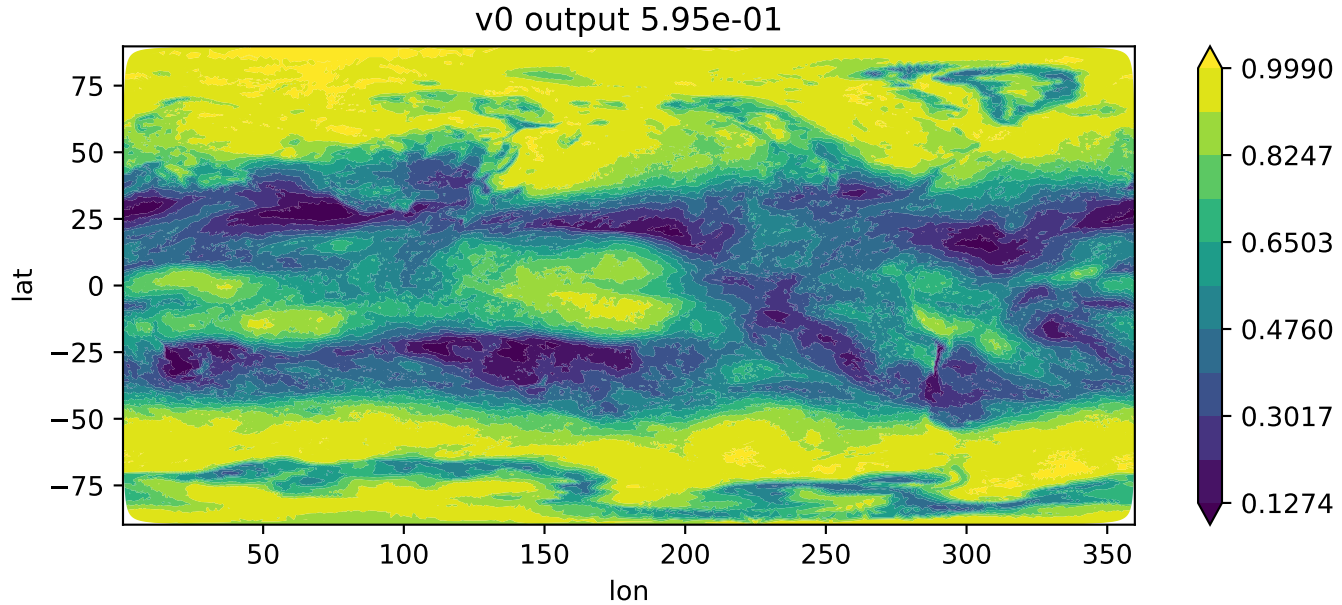

SW_flux_dn Global PDF, units=s^-3 kg bot)
Probability
0.04
0.03
0.02
0.01
0
50
100
150
200
250
300
350
SW_flux_dn
v1
v0


v1 output 1.83e+02
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
362.0
289.6
217.2
144.8
72.4
0.0
v0 output 1.89e+02
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
362.0
289.6
217.2
144.8
72.4
0.0


nc Global PDF, units=1/m2)
v1
v0
Probability
0.10
0.05
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1e11
nc
v1 output 2.05e+10
1e10
9.859
7.887
5.916
3.944
1.972
0.000
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
v0 output 2.23e+10
1e10
9.859
7.887
5.916
3.944
1.972
0.000
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon


cldfrac_tot Global PDF, units=1)
Probability
0.03
0.02
0.01
0.2
0.4
0.6
0.8
1.0
cldfrac_tot
v1
v0


v1 output 6.14e-01
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
0.9990
0.8247
0.6503
0.4760
0.3017
0.1274


v0 output 5.95e-01
lat
75
50
25
0
−25
−50
−75
50
100
150
200
250
300
350
lon
0.9990
0.8247
0.6503
0.4760
0.3017
0.1274