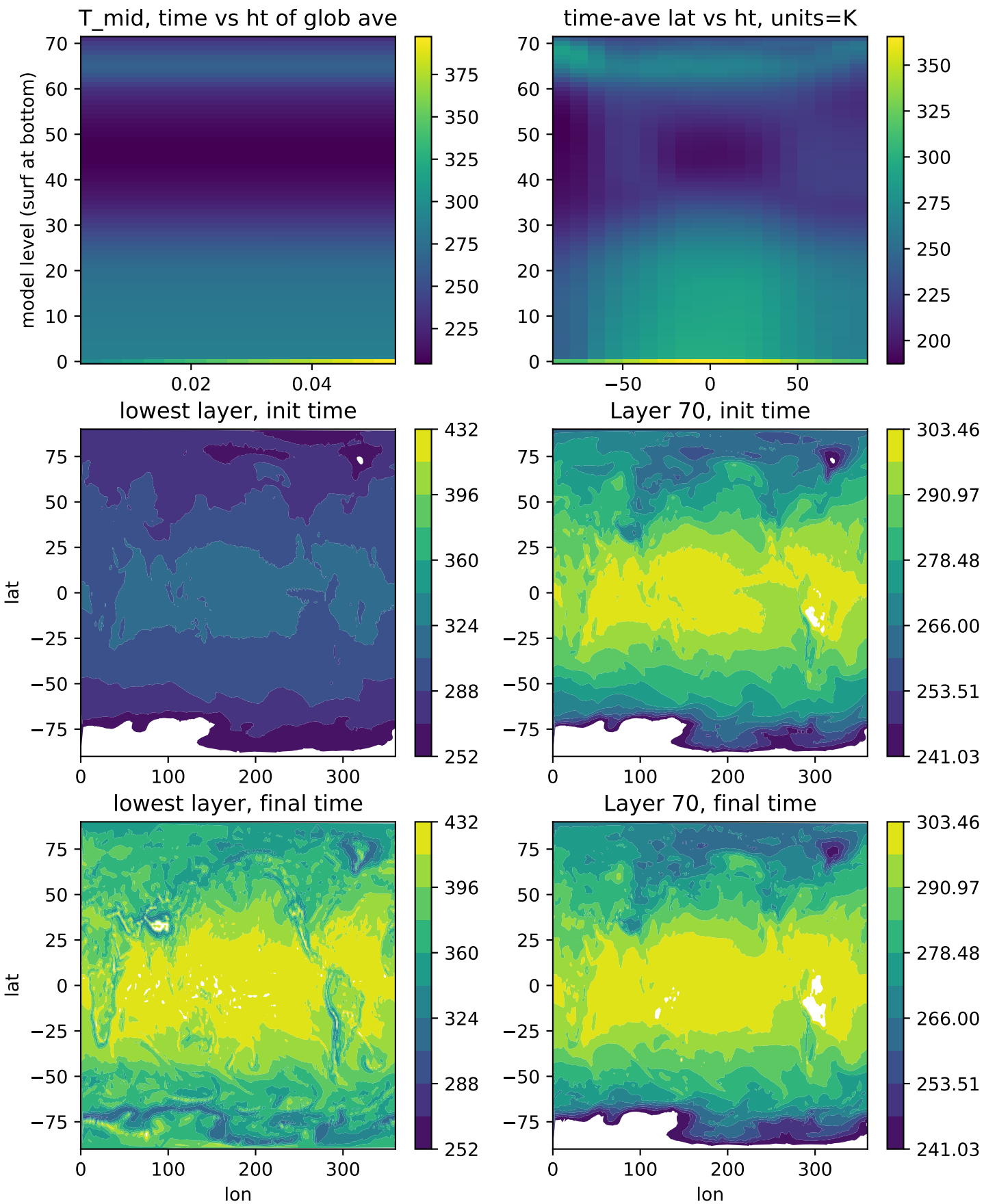
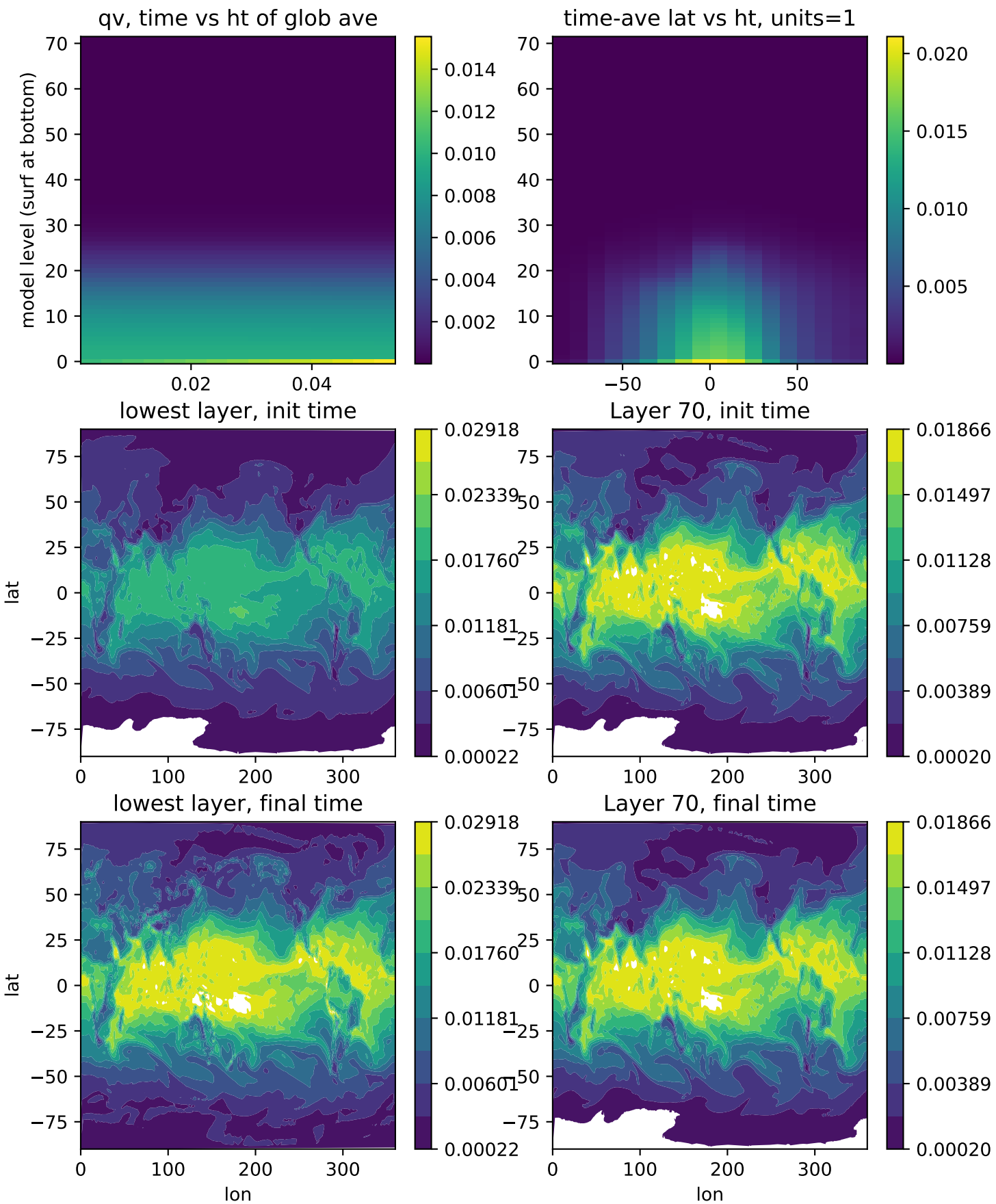
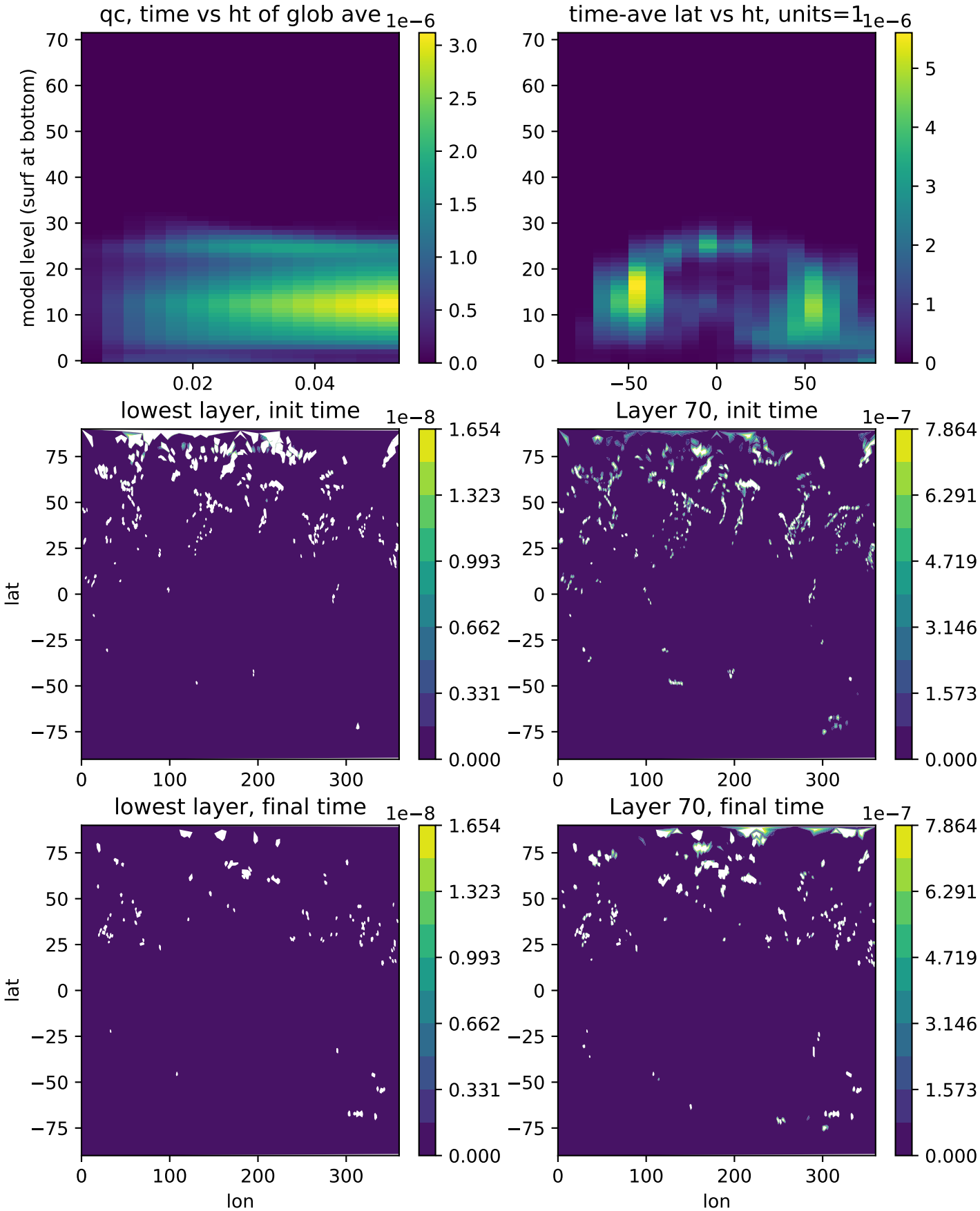
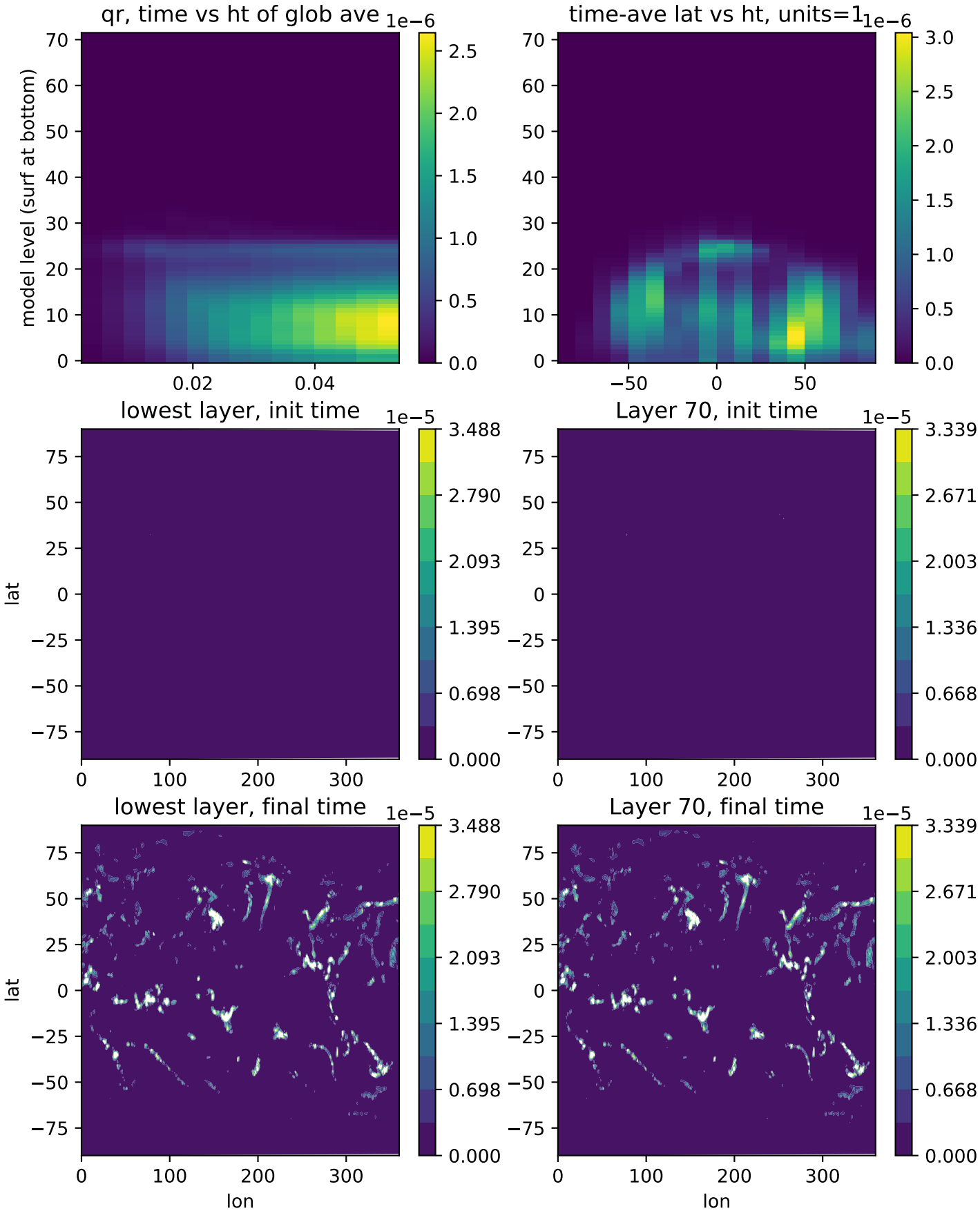
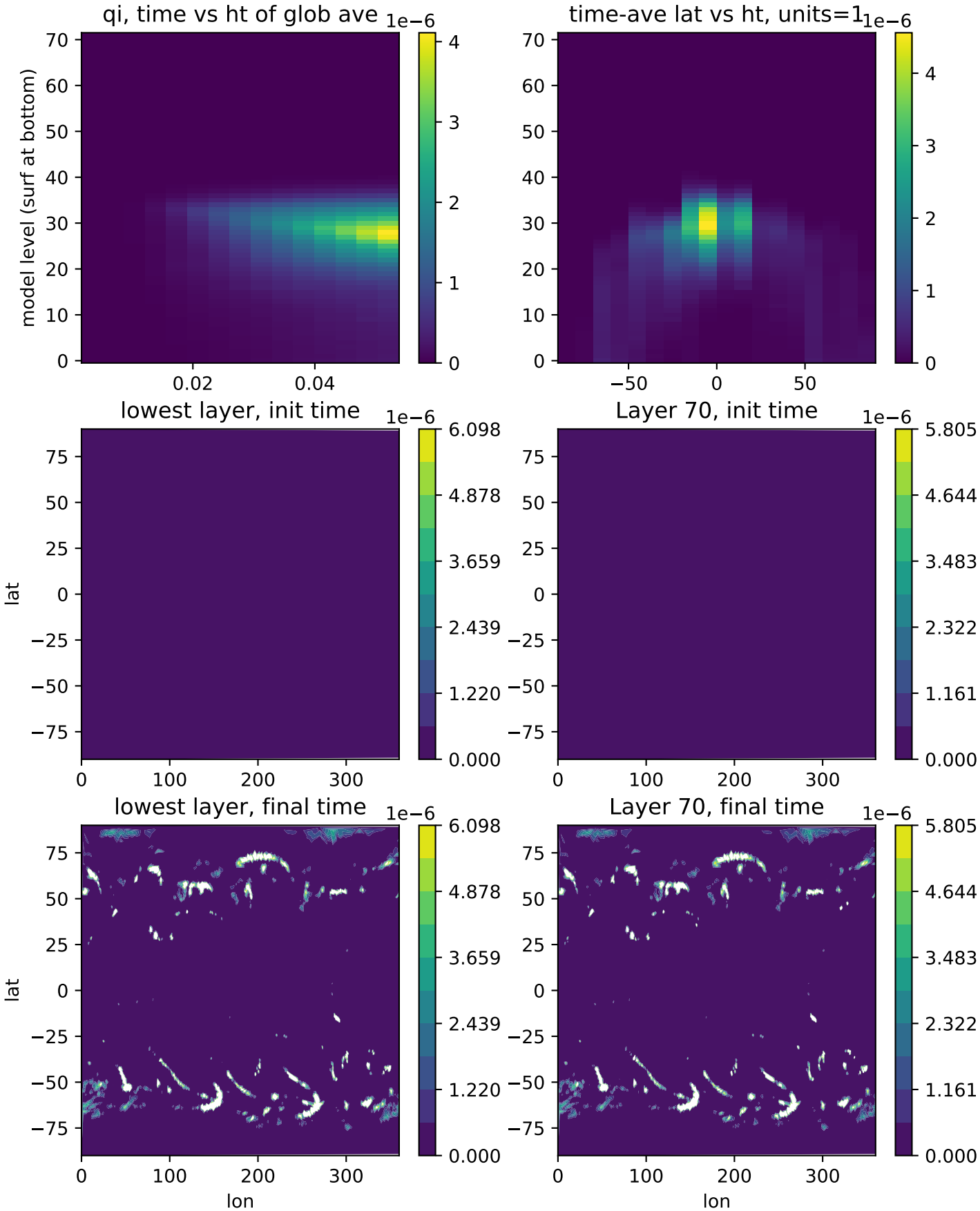
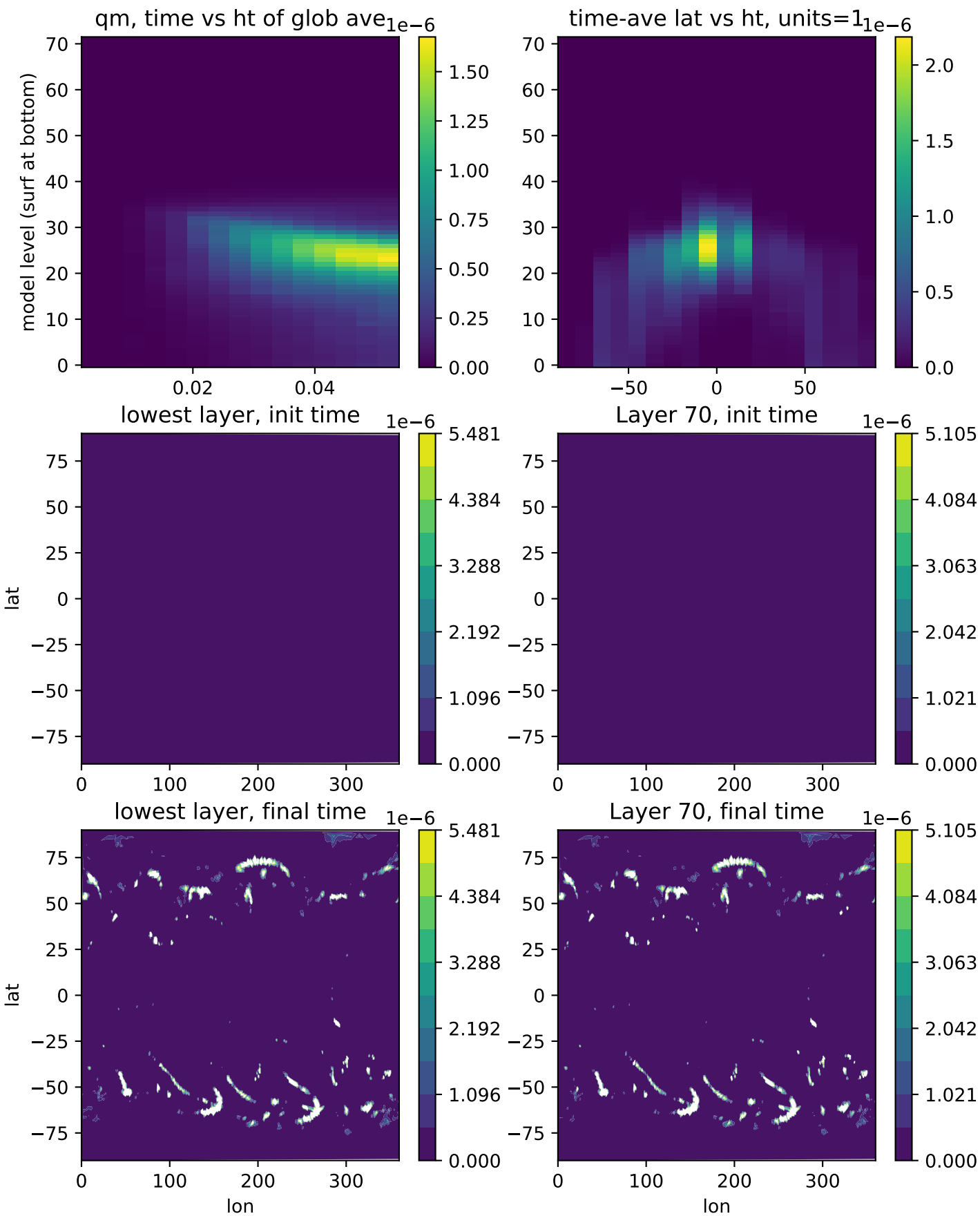

T_mid, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=K
lowest layer, init time
Layer 70, init time
lowest layer, final time
Layer 70, final time
lat
lon

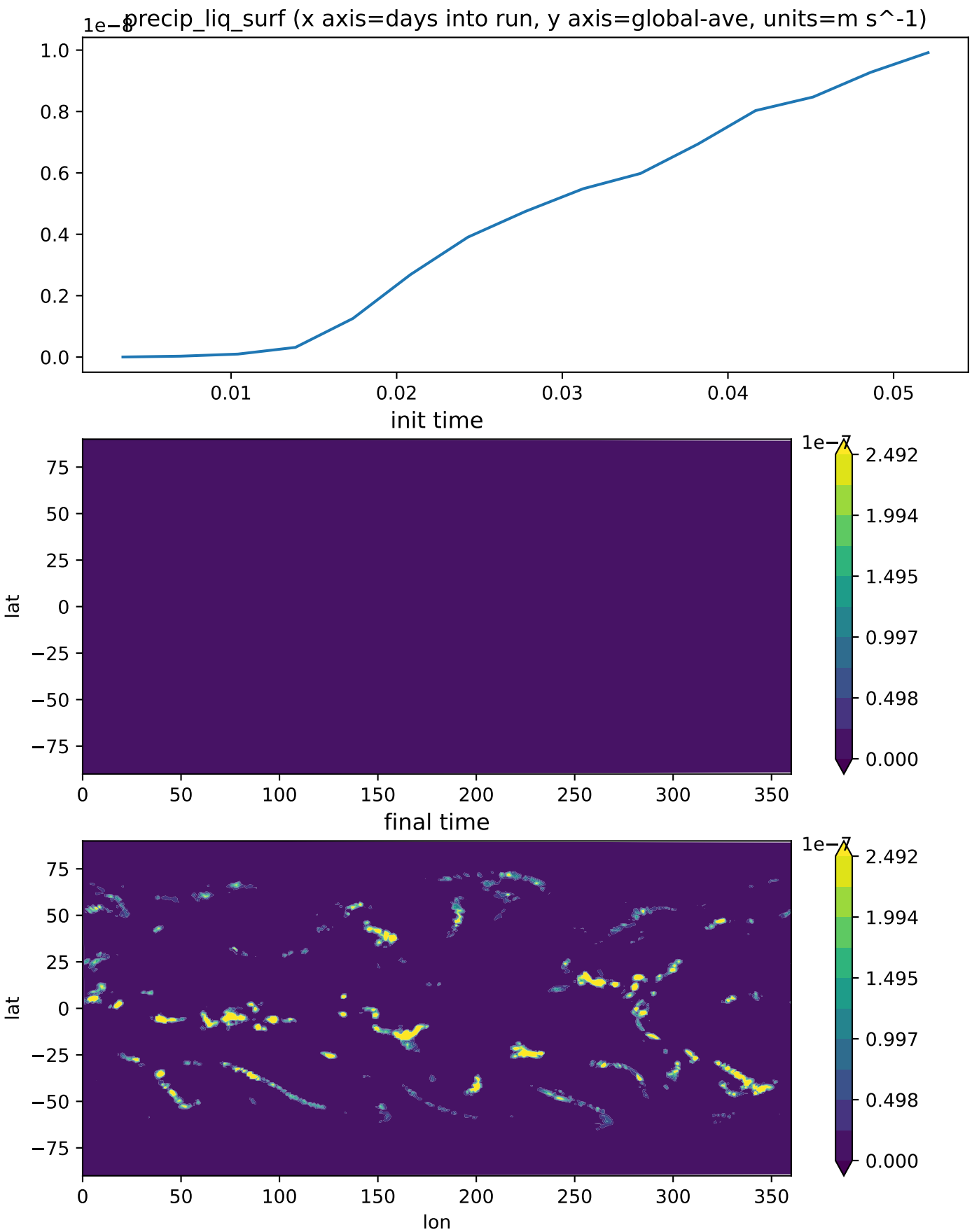

qv, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=1
lowest layer, init time
Layer 70, init time
lowest layer, final time
Layer 70, final time
lat
lon

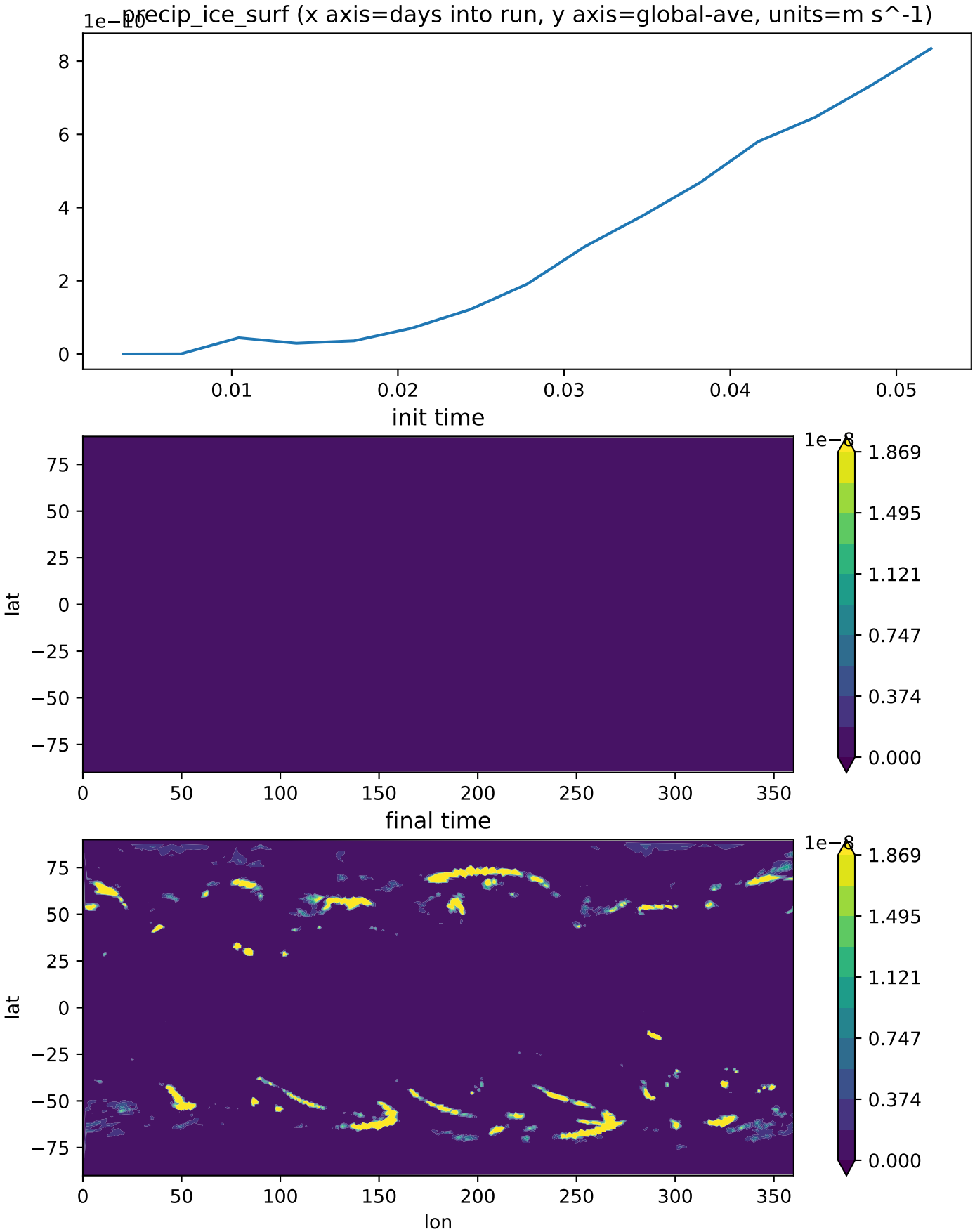

qc, time vs ht of glob ave
1e−6
model level (surf at bottom)
time-ave lat vs ht, units=1
1e−6
lowest layer, init time
1e−8
Layer 70, init time
1e−7
lowest layer, final time
1e−8
Layer 70, final time
1e−7
lat
lon

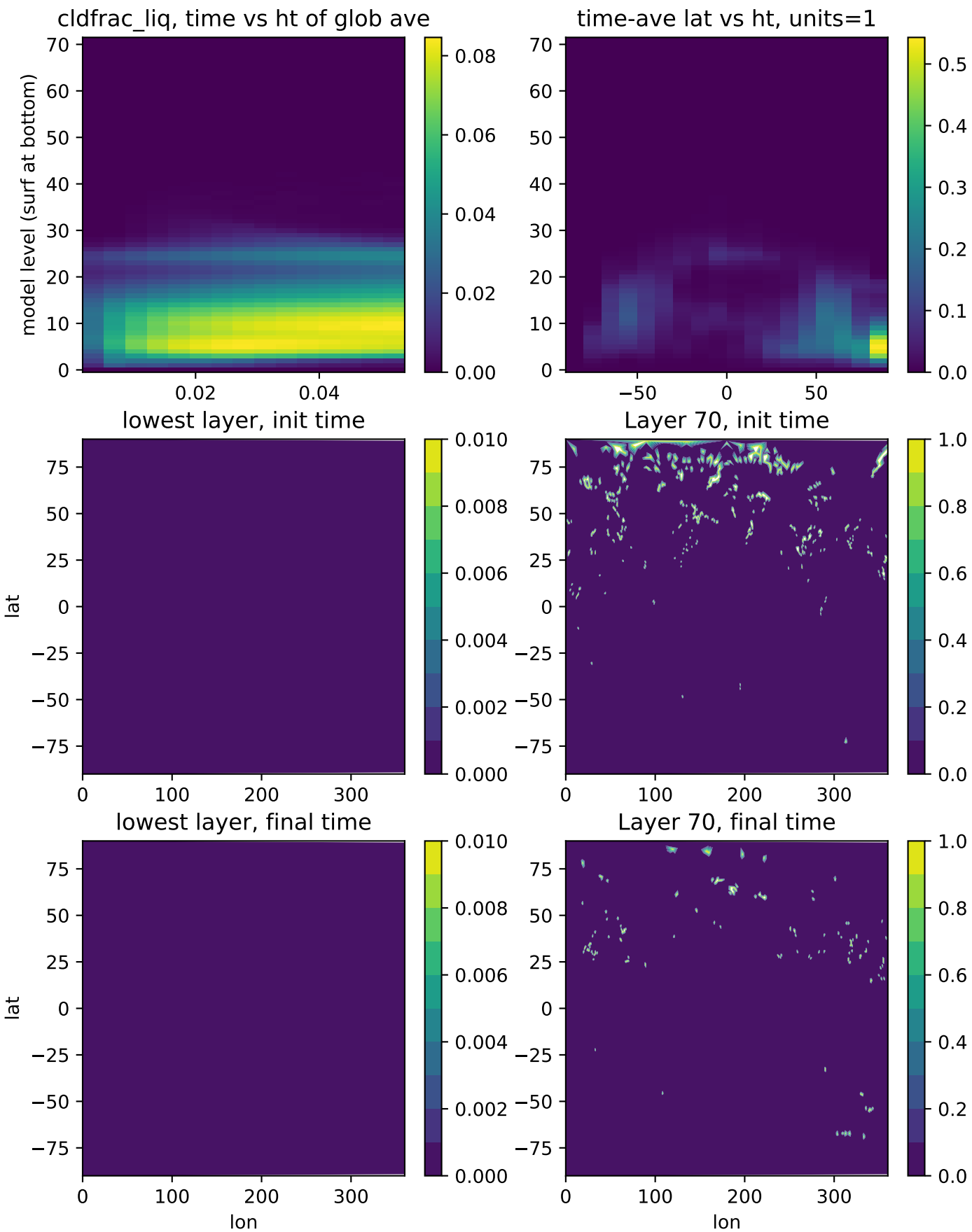

qr, time vs ht of glob ave
1e−6
model level (surf at bottom)
0.02
0.04
time-ave lat vs ht, units=1
1e−6
−50
0
50
lowest layer, init time
1e−5
3.488
2.790
2.093
1.395
0.698
0.000
Layer 70, init time
1e−5
3.339
2.671
2.003
1.336
0.668
0.000
lowest layer, final time
1e−5
Layer 70, final time
1e−5
lat
lon

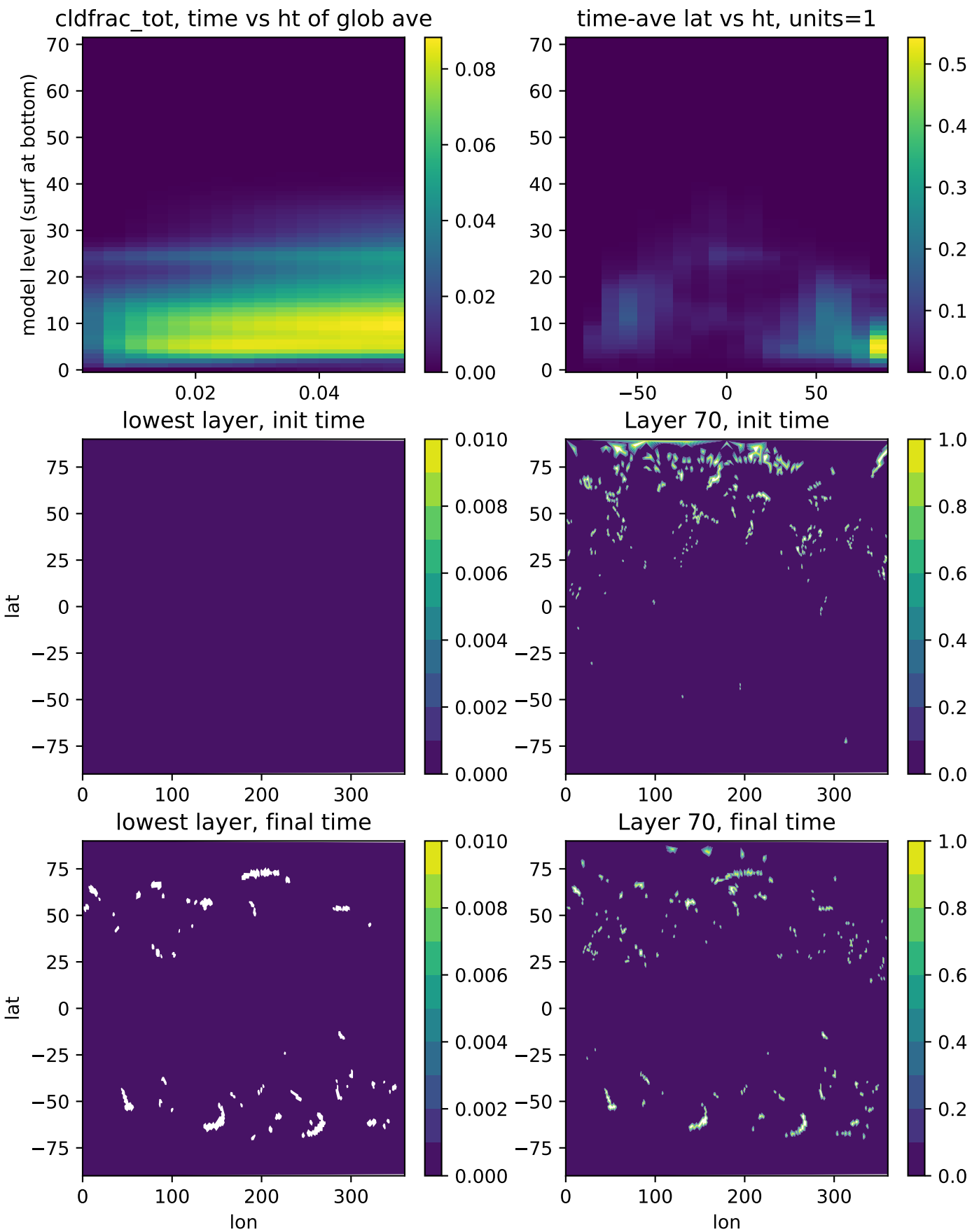

qi, time vs ht of glob ave
1e−6
model level (surf at bottom)
time-ave lat vs ht, units=1
lowest layer, init time
Layer 70, init time
lowest layer, final time
Layer 70, final time
lat
lon
6.098
4.878
3.659
2.439
1.220
0.000
5.805
4.644
3.483
2.322
1.161

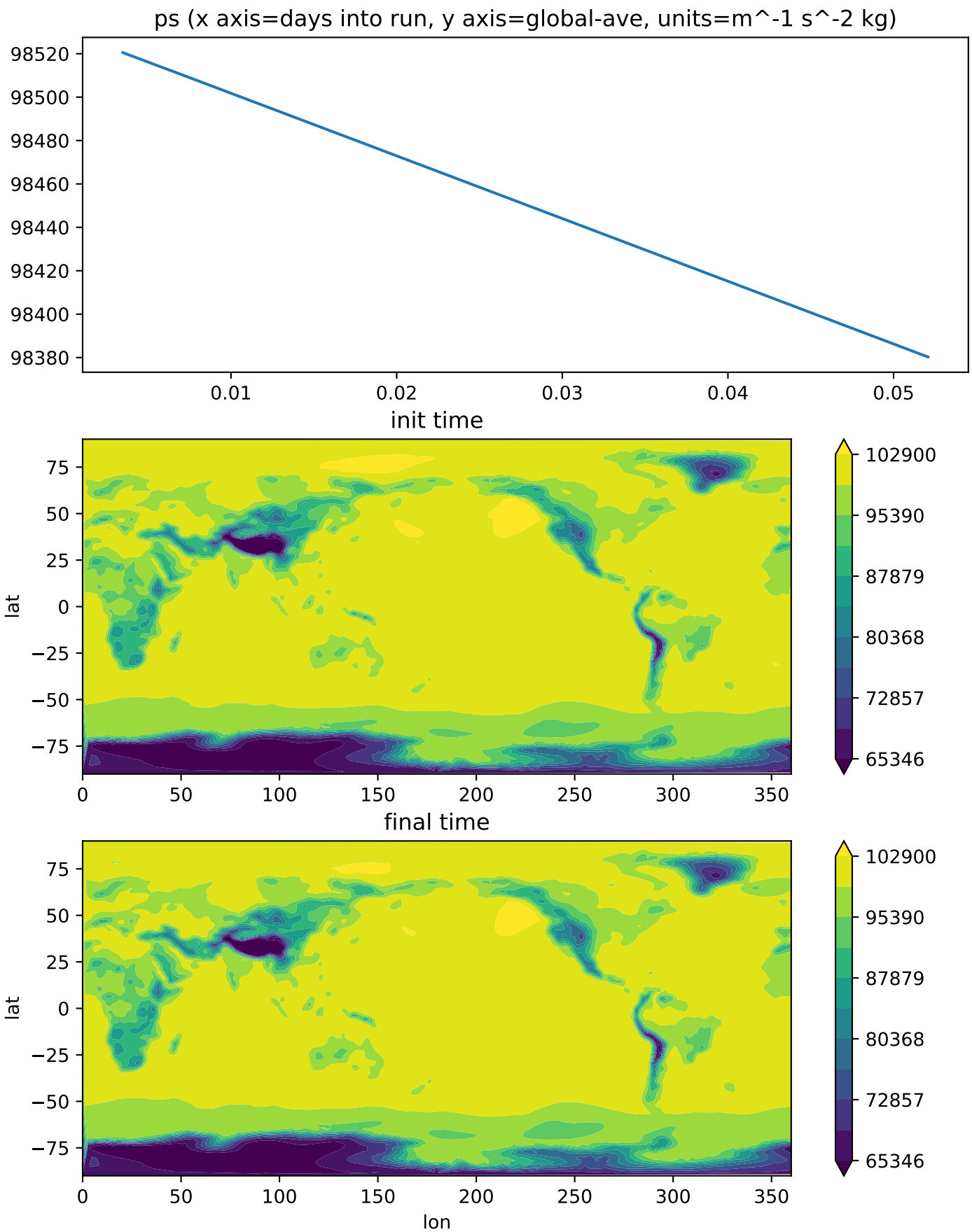

qm, time vs ht of glob ave
1e−6
model level (surf at bottom)
time-ave lat vs ht, units=1
1e−6
lowest layer, init time
1e−6
lat
Layer 70, init time
1e−6
lowest layer, final time
1e−6
lat
lon
Layer 70, final time
1e−6
lon

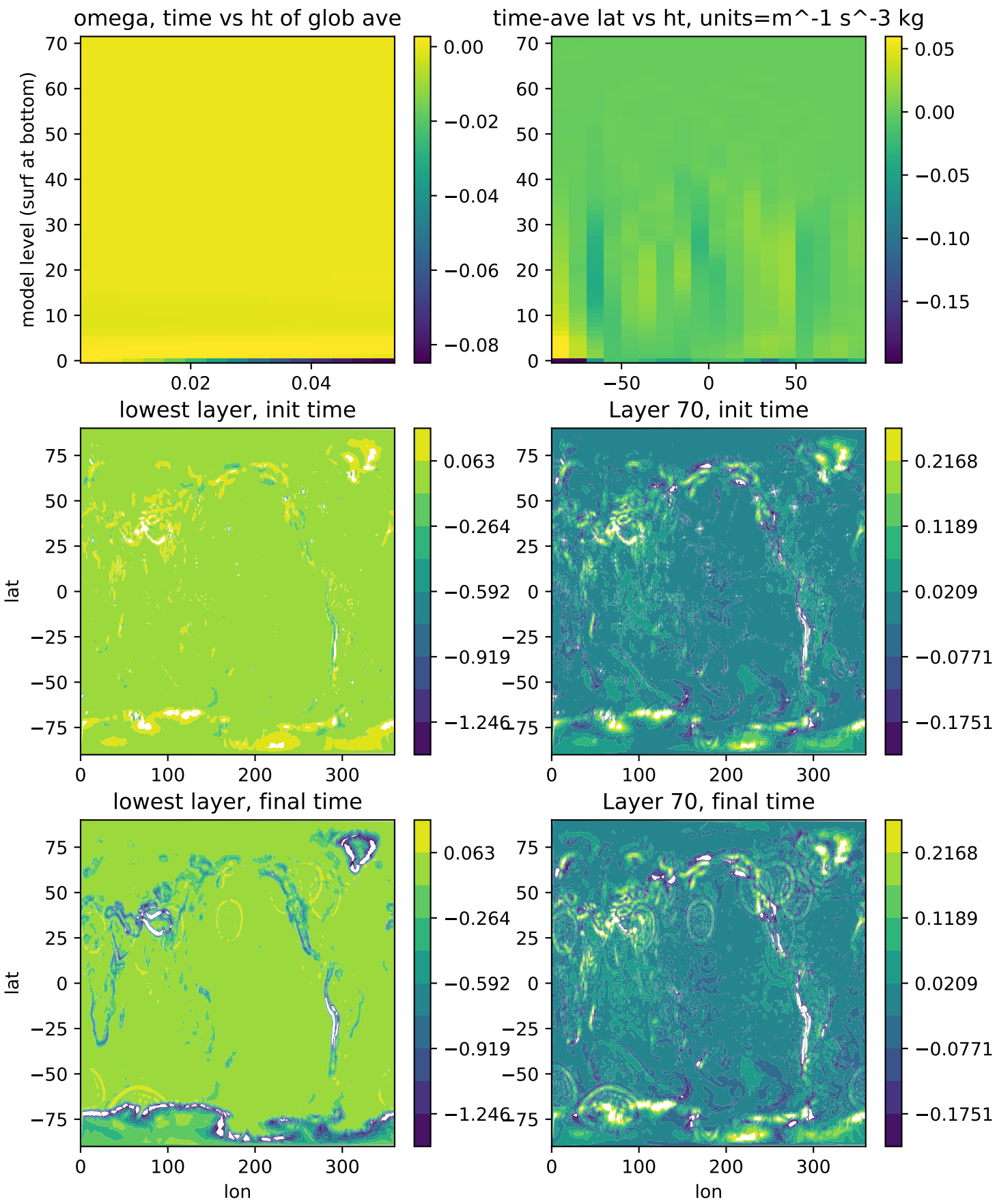

precip_liq_surf (x axis=days into run, y axis=global-ave, units=m s^-1)
1e−8
1.0
0.8
0.6
0.4
0.2
0.0
0.01
0.02
0.03
0.04
0.05
init time
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
1e−7
2.492
1.994
1.495
0.997
0.498
0.000
final time
lat
lon

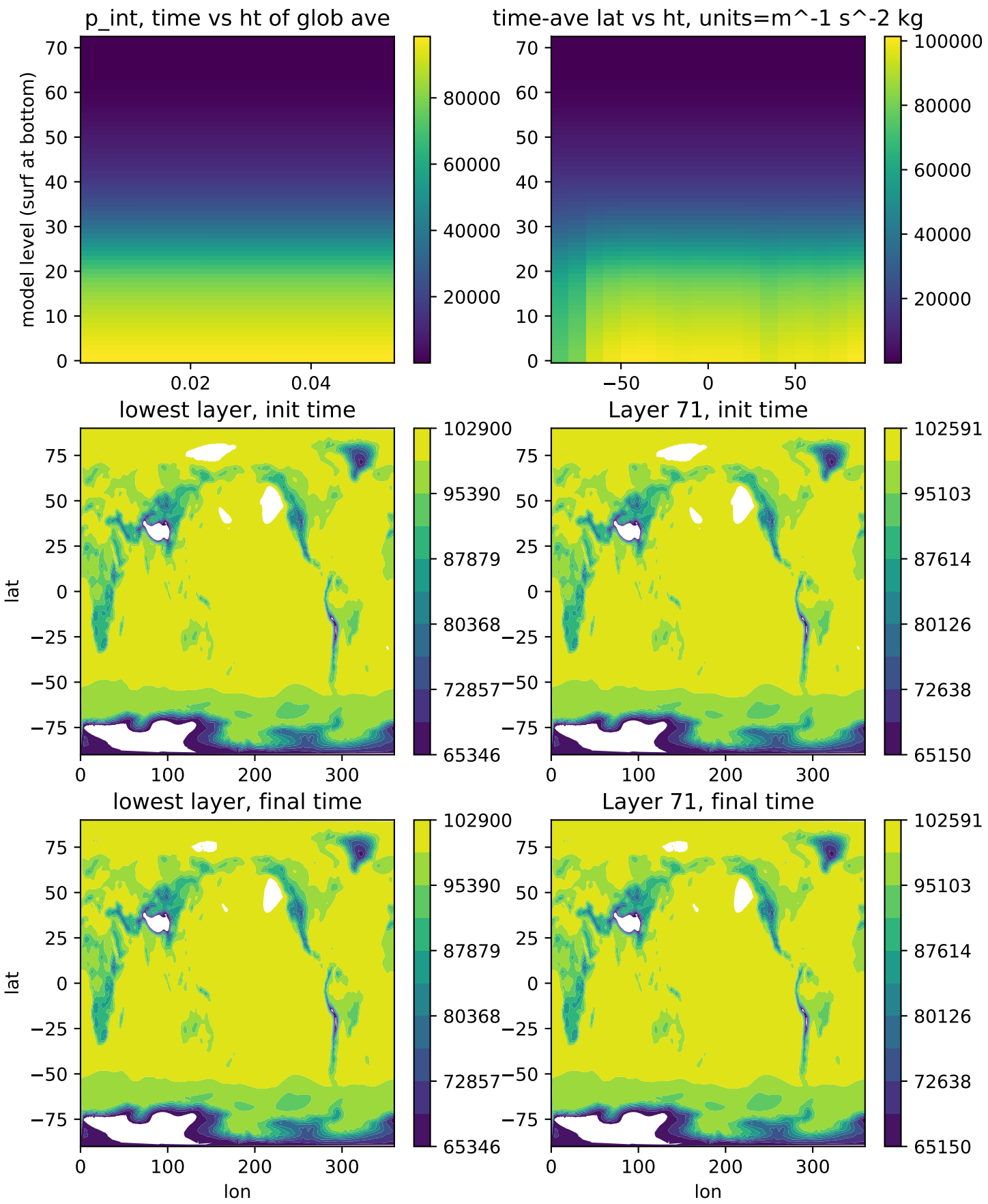

precip_ice_surf (x axis=days into run, y axis=global-ave, units=m s^-1)
1e−10
8
6
4
2
0
0.01
0.02
0.03
0.04
0.05
init time
1e−8
1.869
1.495
1.121
0.747
0.374
0.000
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
final time
1e−8
1.869
1.495
1.121
0.747
0.374
0.000
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
lon

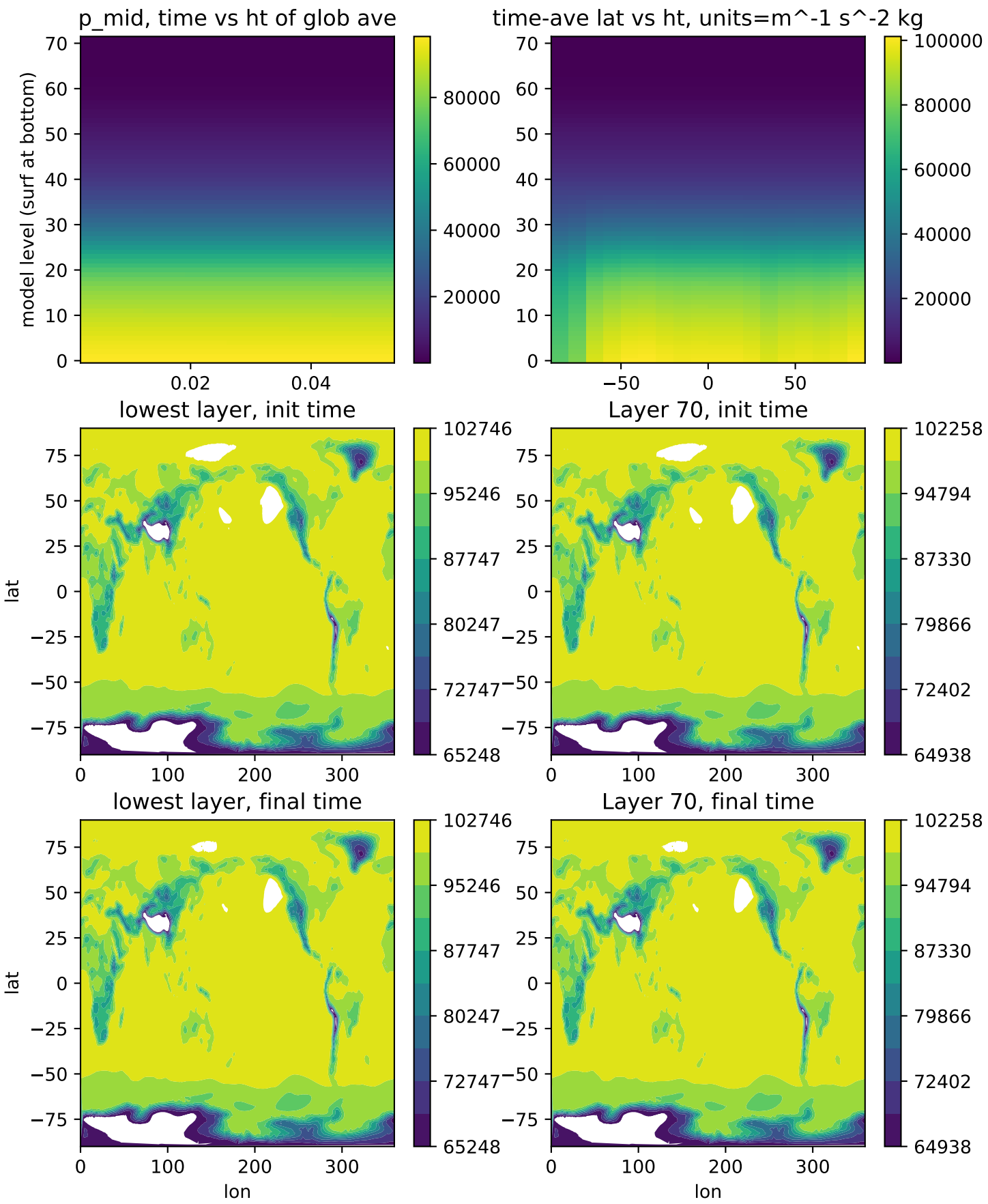

cldfrac_liq, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=1
lowest layer, init time
Layer 70, init time
lowest layer, final time
Layer 70, final time
lat
lon

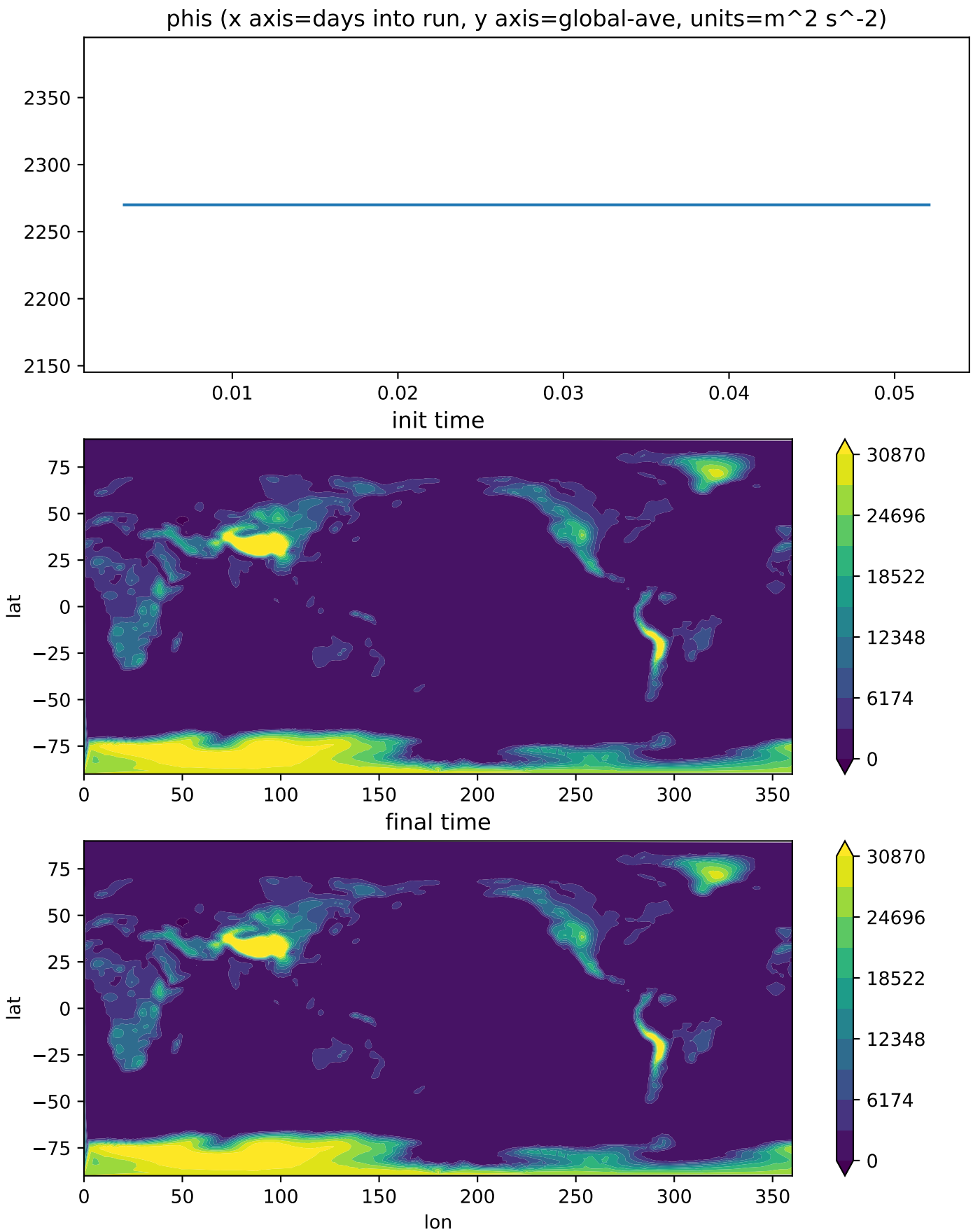

cldfrac_tot, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=1
lowest layer, init time
Layer 70, init time
lowest layer, final time
Layer 70, final time
lat
lon

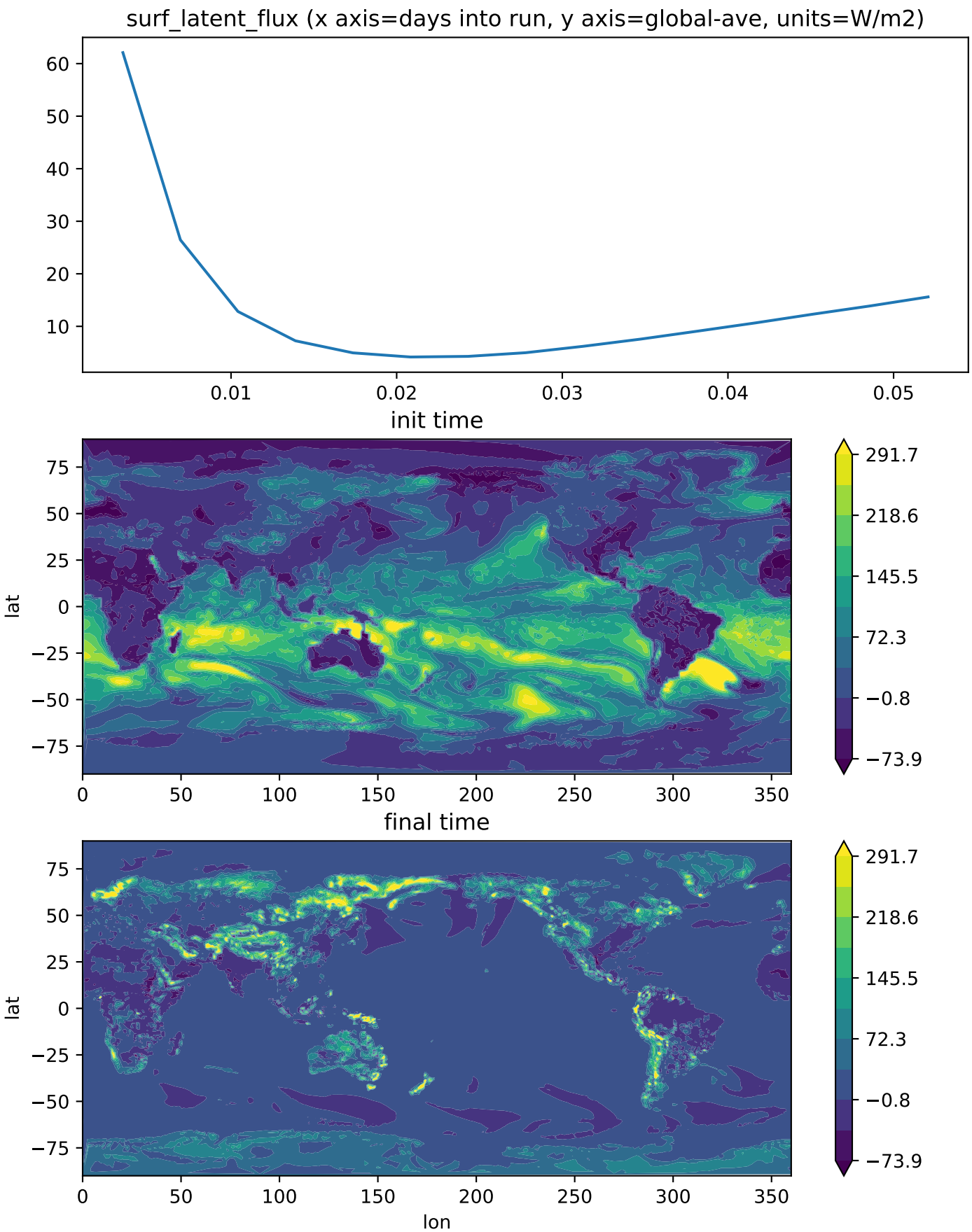

ps (x axis=days into run, y axis=global-ave, units=m^-1 s^-2 kg)
98520
98500
98480
98460
98440
98420
98400
98380
0.01
0.02
0.03
0.04
0.05
init time
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
102900
95390
87879
80368
72857
65346
final time
lat
lon

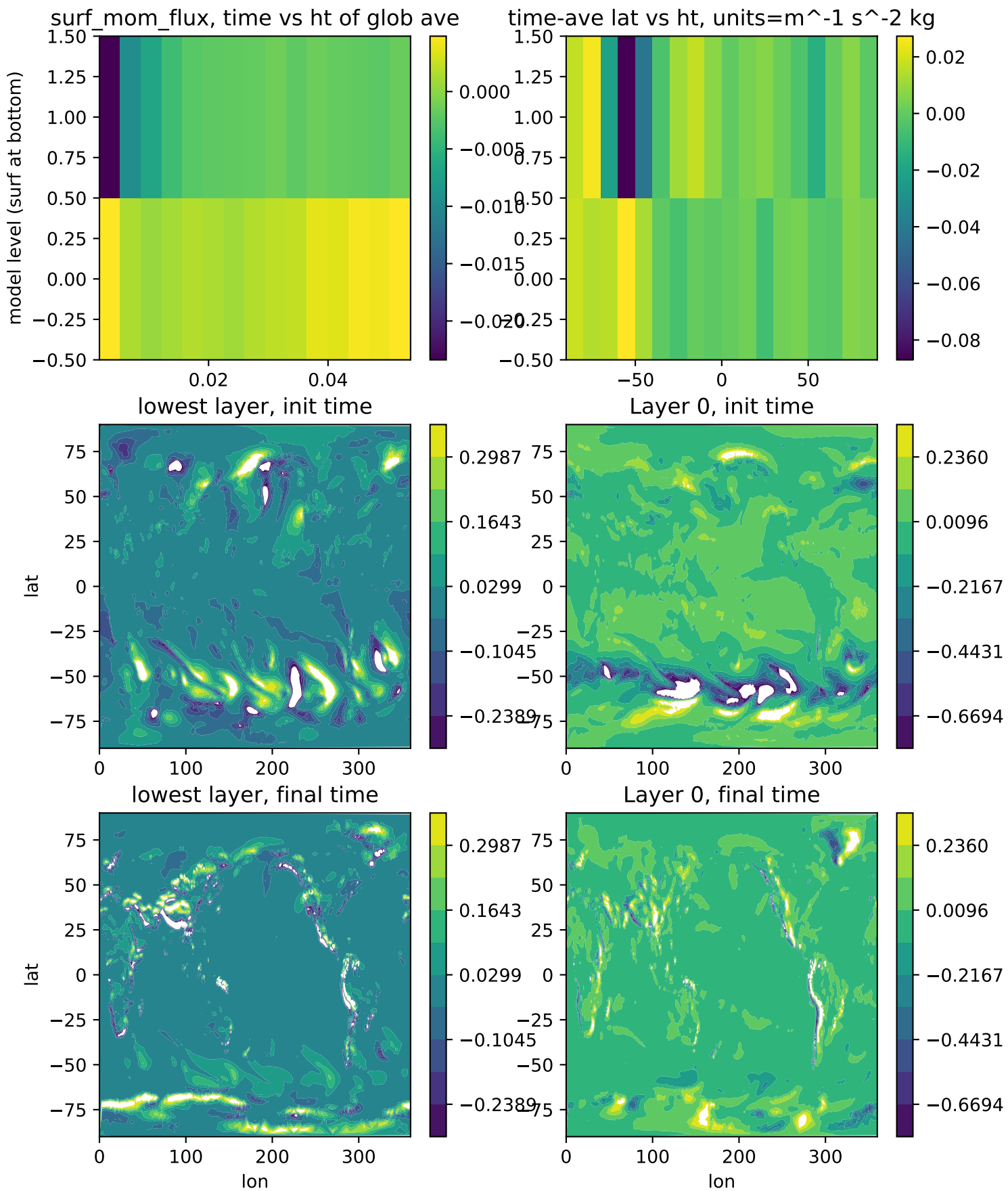

omega, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=m^-1 s^-3 kg
lowest layer, init time
Layer 70, init time
lowest layer, final time
Layer 70, final time
lat
lon

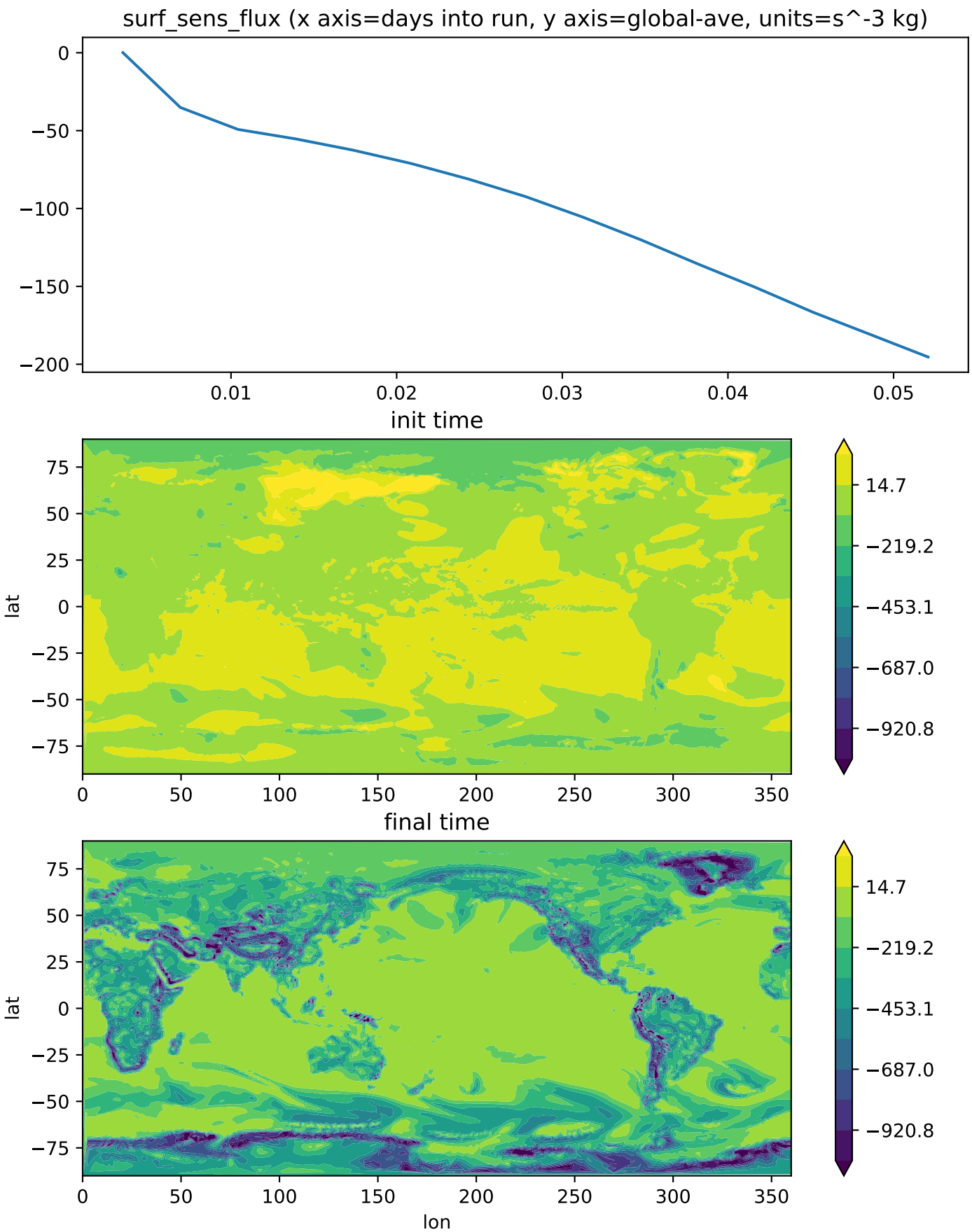

p_int, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=m^-1 s^-2 kg
lowest layer, init time
Layer 71, init time
lowest layer, final time
Layer 71, final time
lat
lon
102900
95390
87879
80368
72857
65346
102591
95103
87614
80126
72638
65150

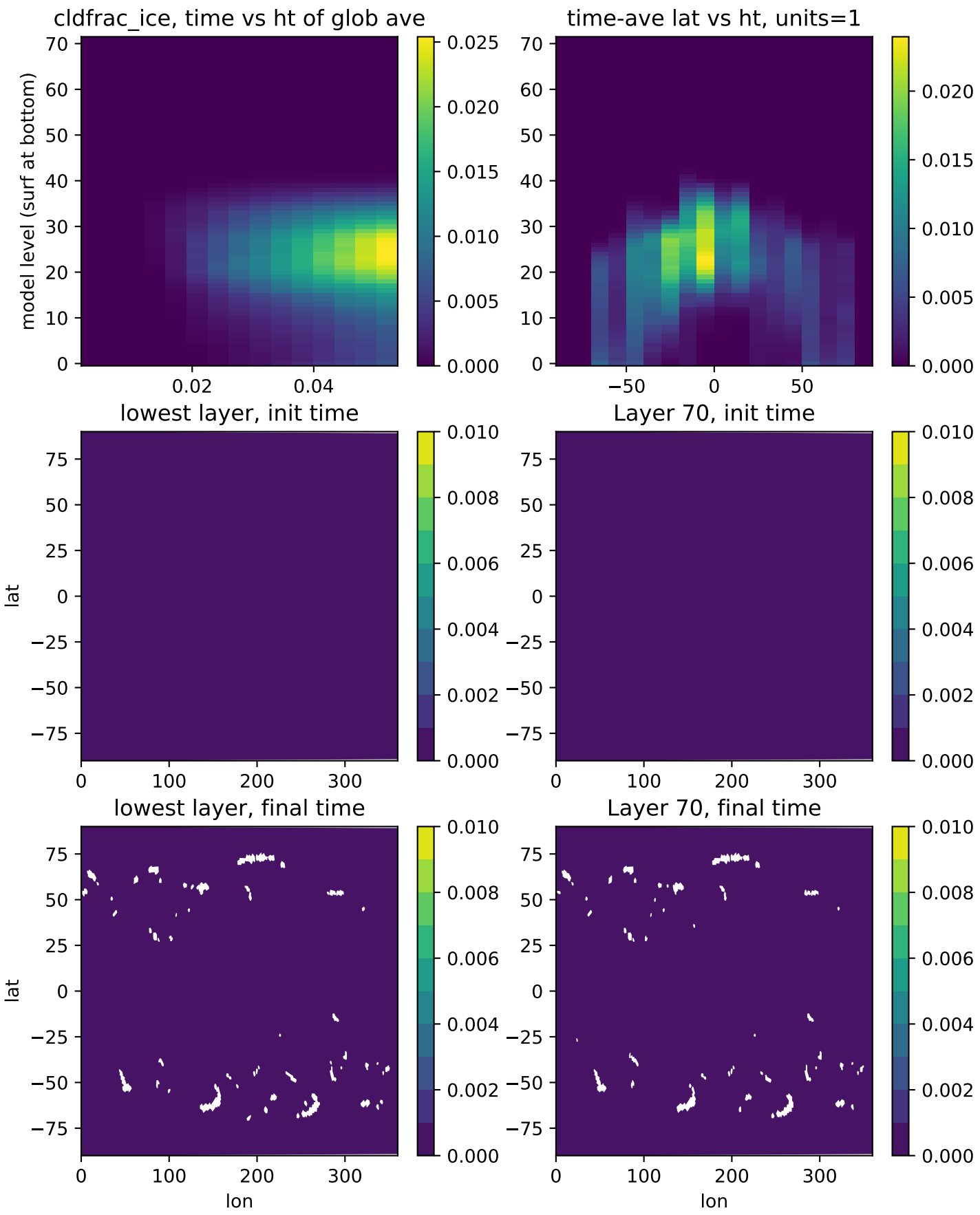

p_mid, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=m^-1 s^-2 kg
lowest layer, init time
Layer 70, init time
lowest layer, final time
Layer 70, final time
lat
lon
102746
95246
87747
80247
72747
65248
102258
94794
87330
79866
72402
64938

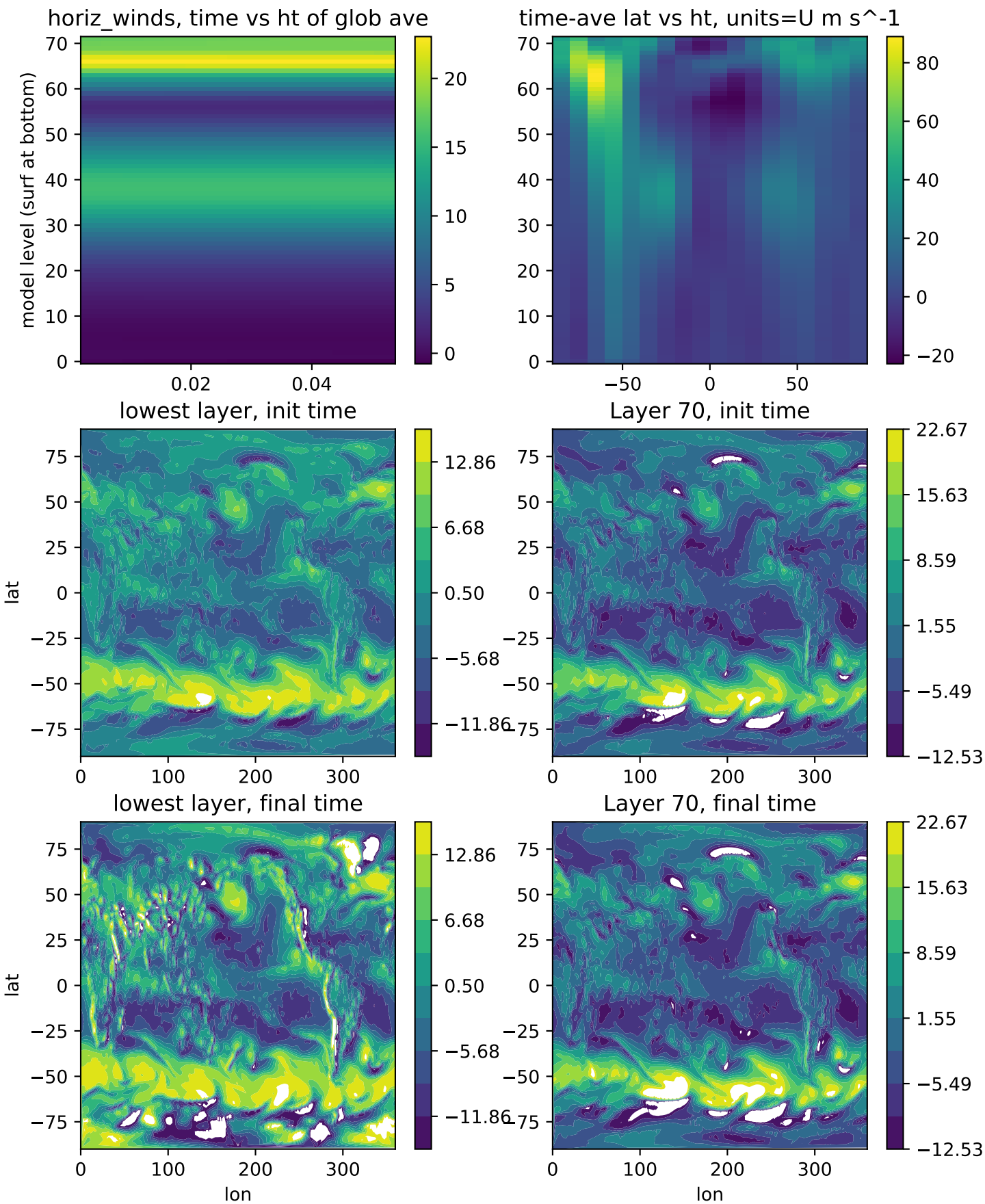

phis (x axis=days into run, y axis=global-ave, units=m^2 s^-2)
2350
2300
2250
2200
2150
0.01
0.02
0.03
0.04
0.05
init time
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
30870
24696
18522
12348
6174
0
final time
lat
lon

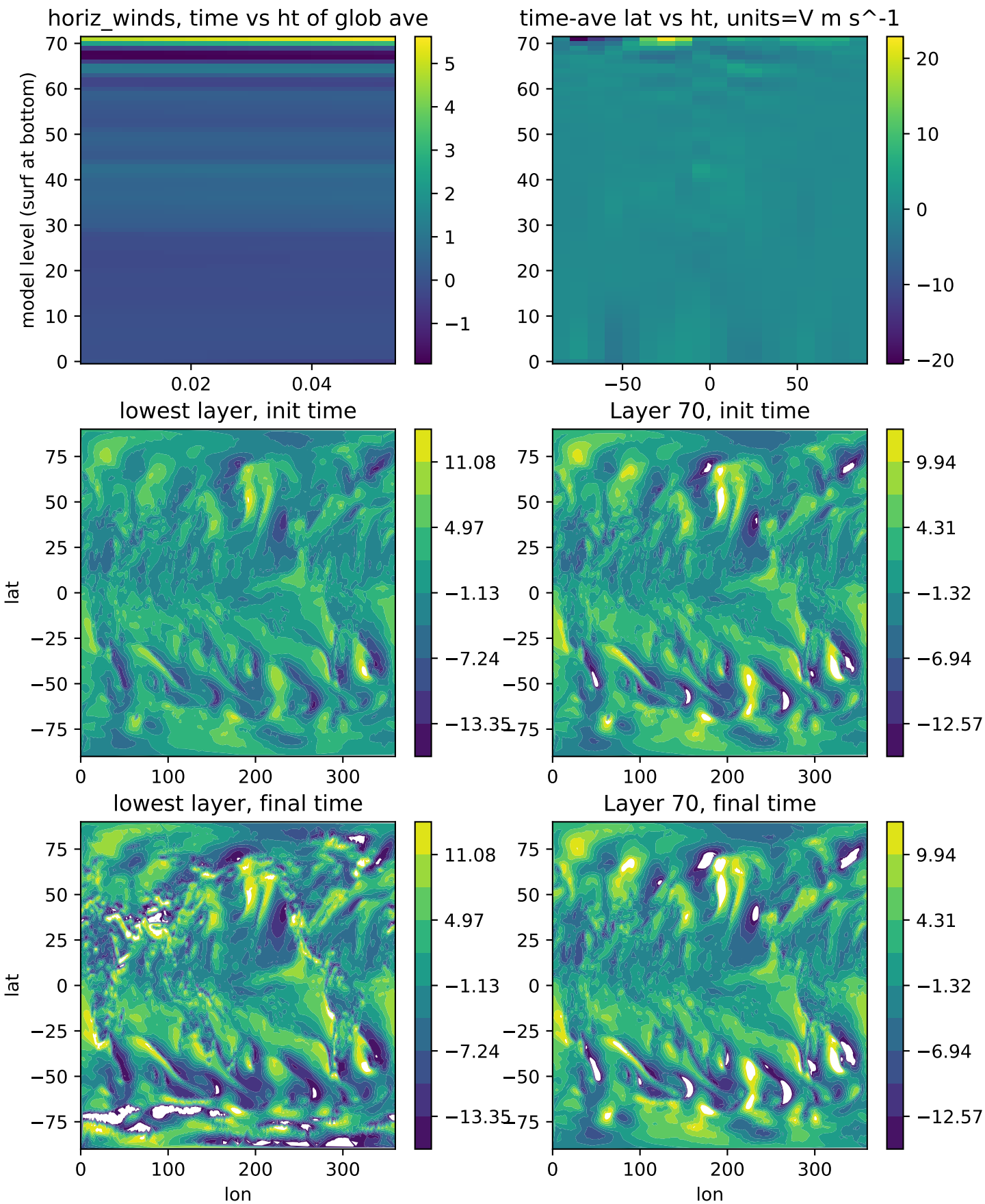

surf_latent_flux (x axis=days into run, y axis=global-ave, units=W/m2)
60
50
40
30
20
10
0.01
0.02
0.03
0.04
0.05
init time
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
291.7
218.6
145.5
72.3
−0.8
−73.9
final time
lat
lon

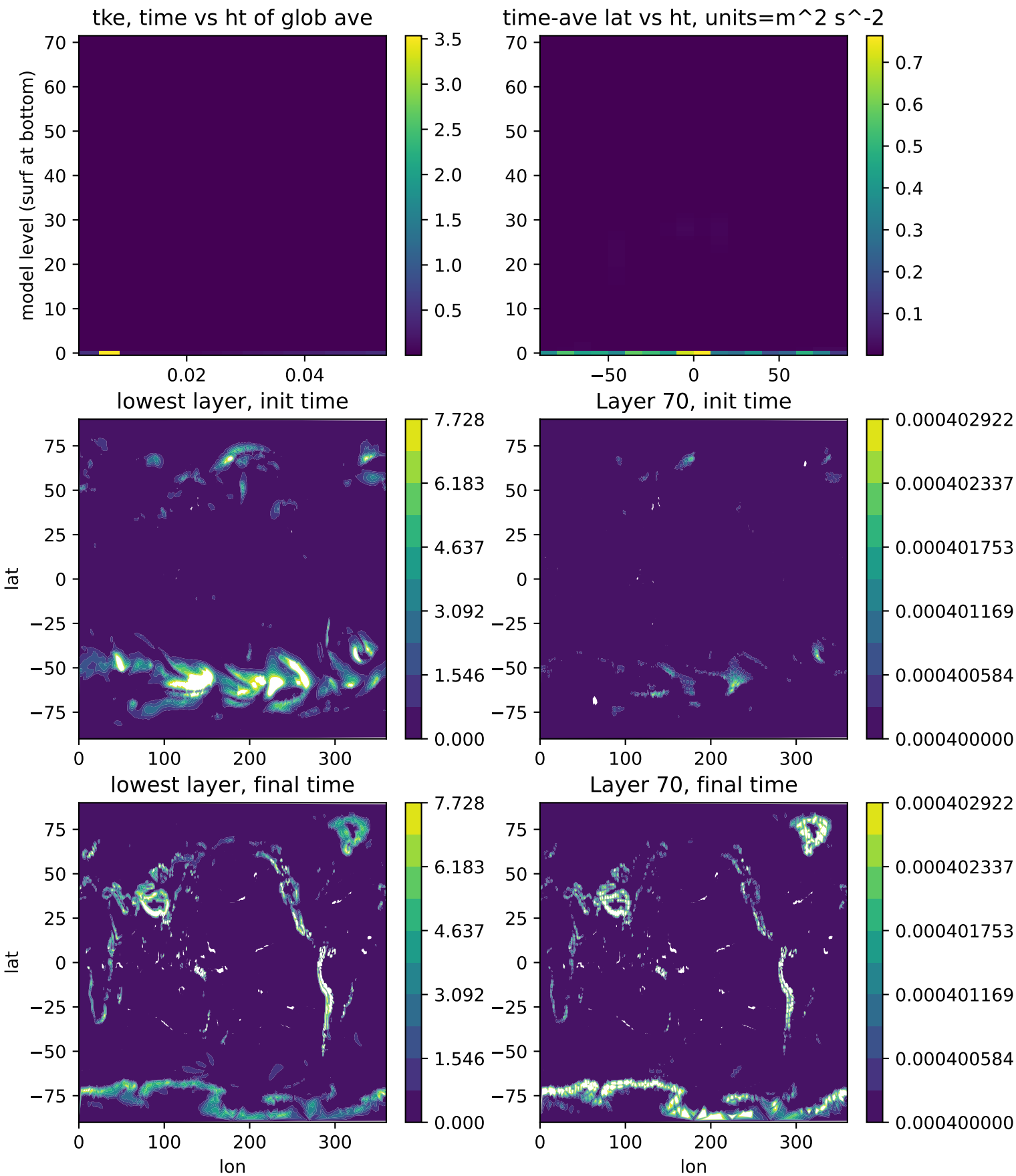

surf_mom_flux, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=m^-1 s^-2 kg
lowest layer, init time
Layer 0, init time
lowest layer, final time
Layer 0, final time
lat
lon

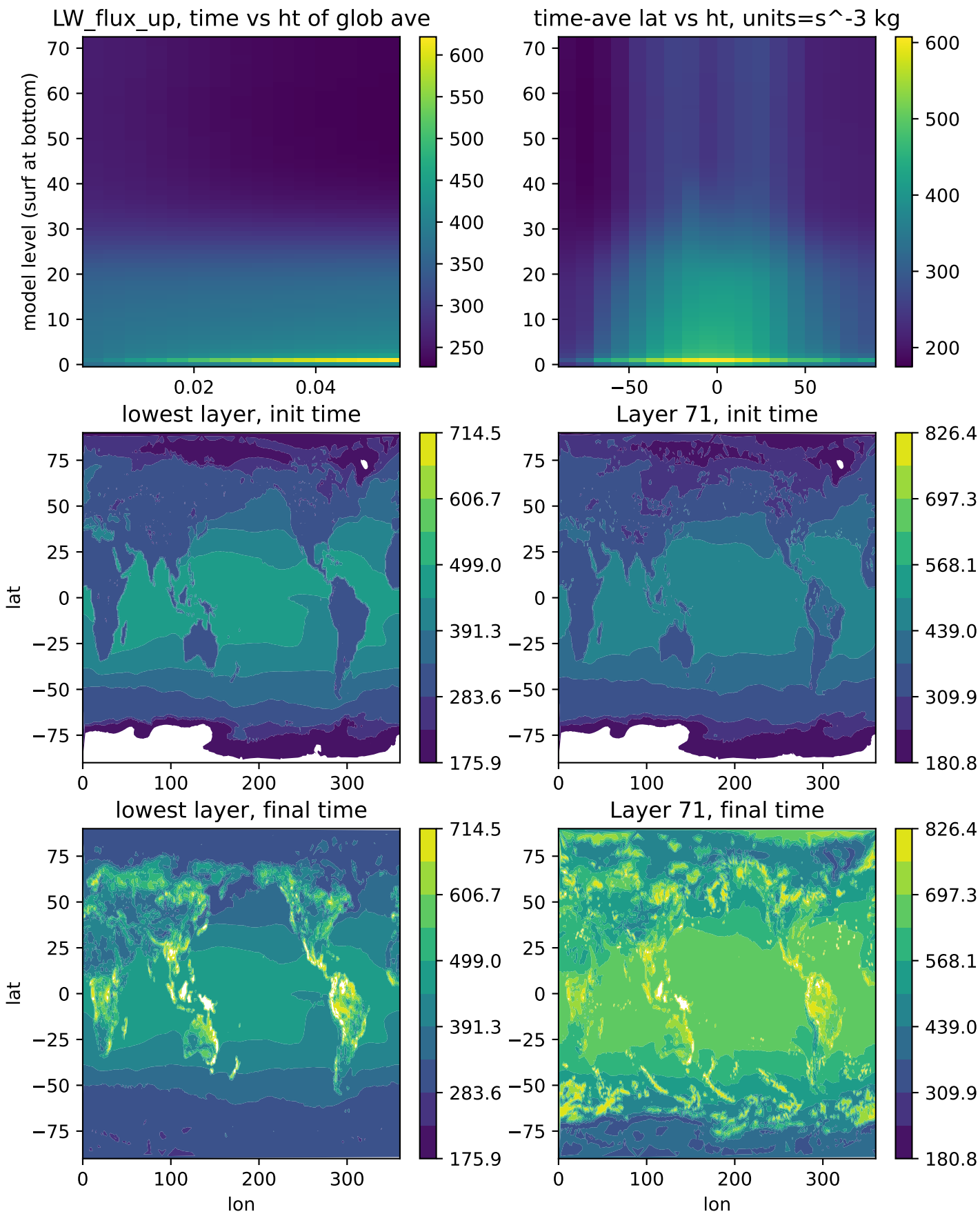

surf_sens_flux (x axis=days into run, y axis=global-ave, units=s^-3 kg)
0
−50
−100
−150
−200
0.01
0.02
0.03
0.04
0.05
init time
lat
75
50
25
0
−25
−50
−75
0
50
100
150
200
250
300
350
14.7
−219.2
−453.1
−687.0
−920.8
final time
lat
lon

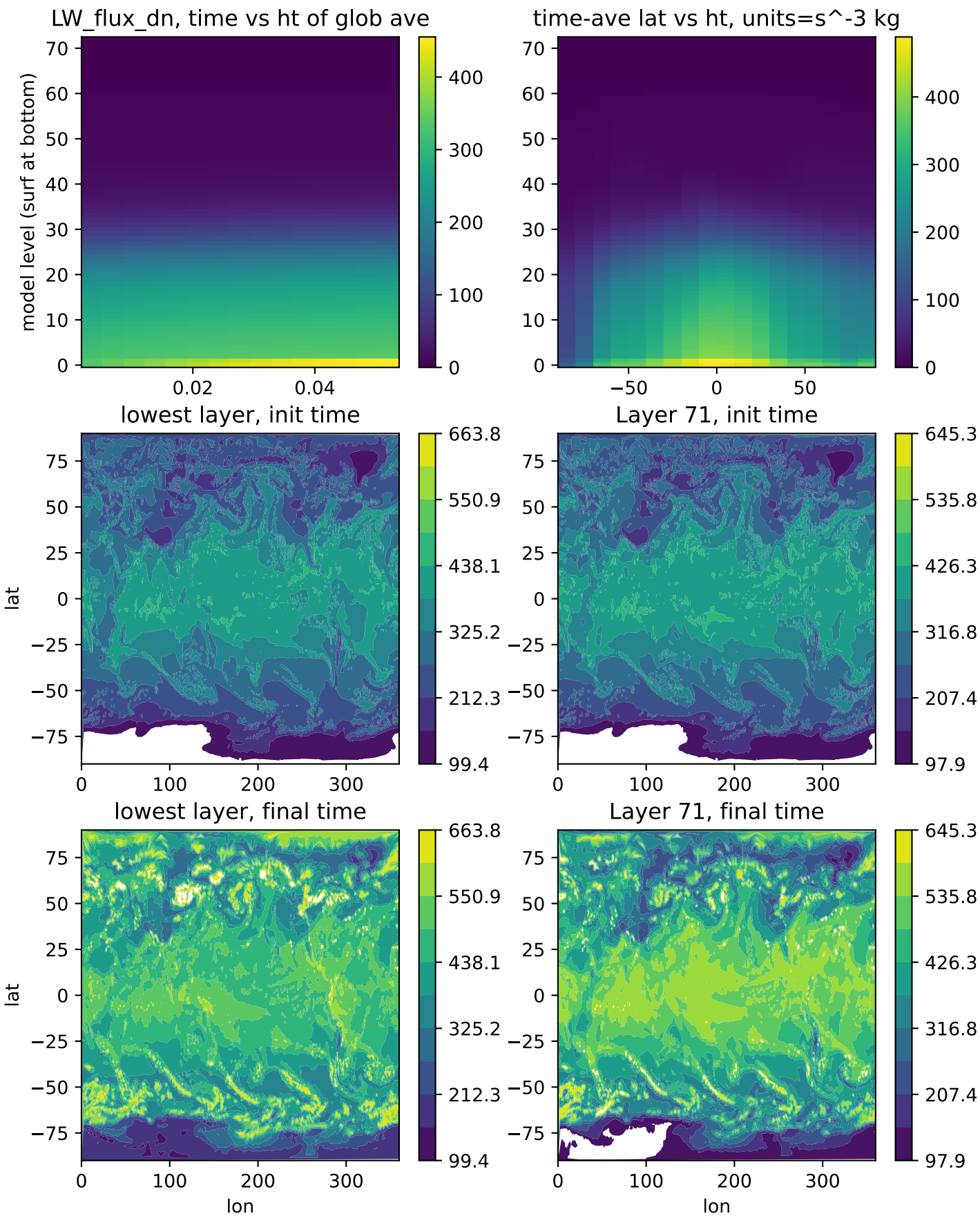

cldfrac_ice, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=1
lowest layer, init time
Layer 70, init time
lowest layer, final time
Layer 70, final time
lat
lon

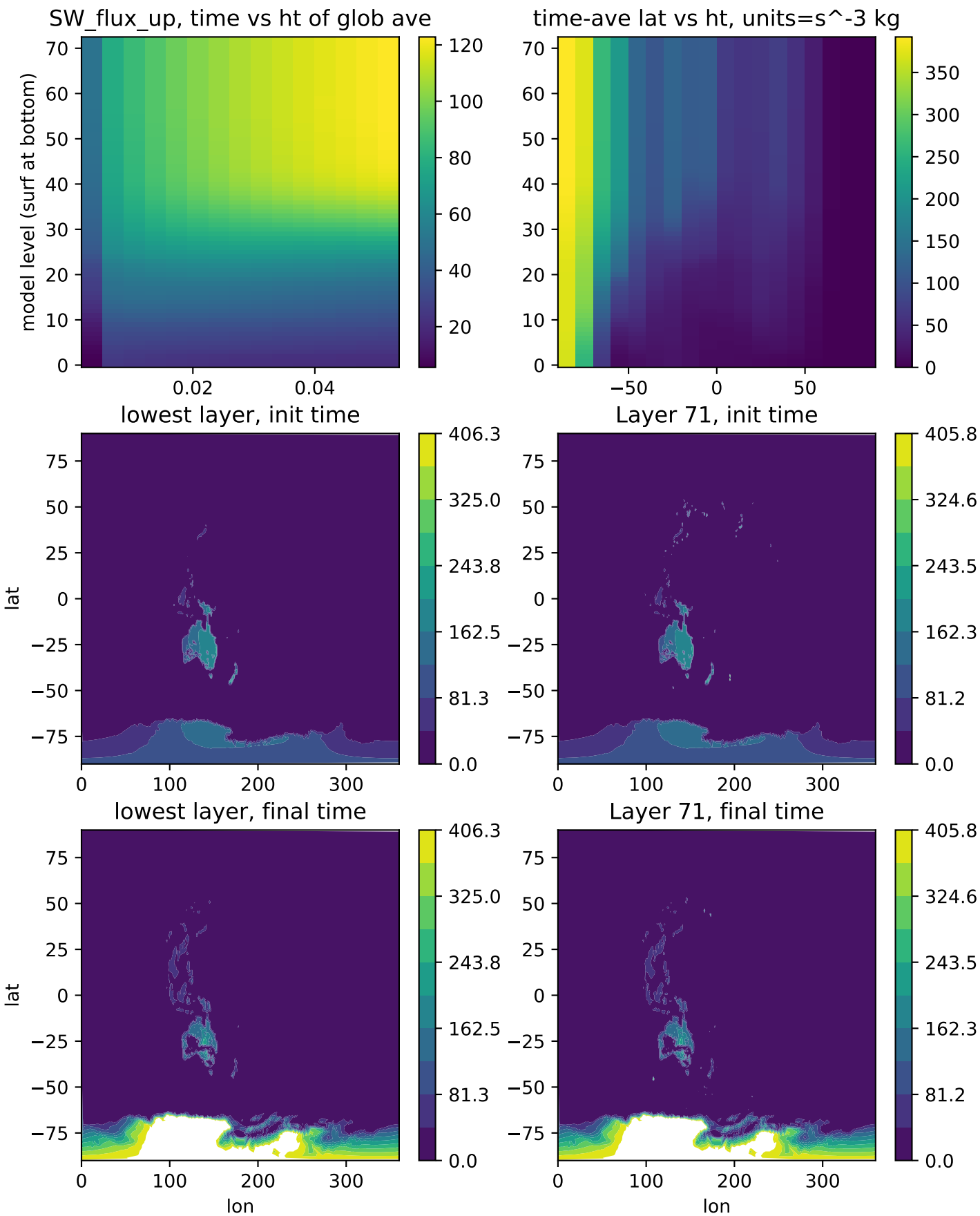

horiz_winds, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=U m s^-1
lowest layer, init time
Layer 70, init time
lowest layer, final time
Layer 70, final time
lat
lon

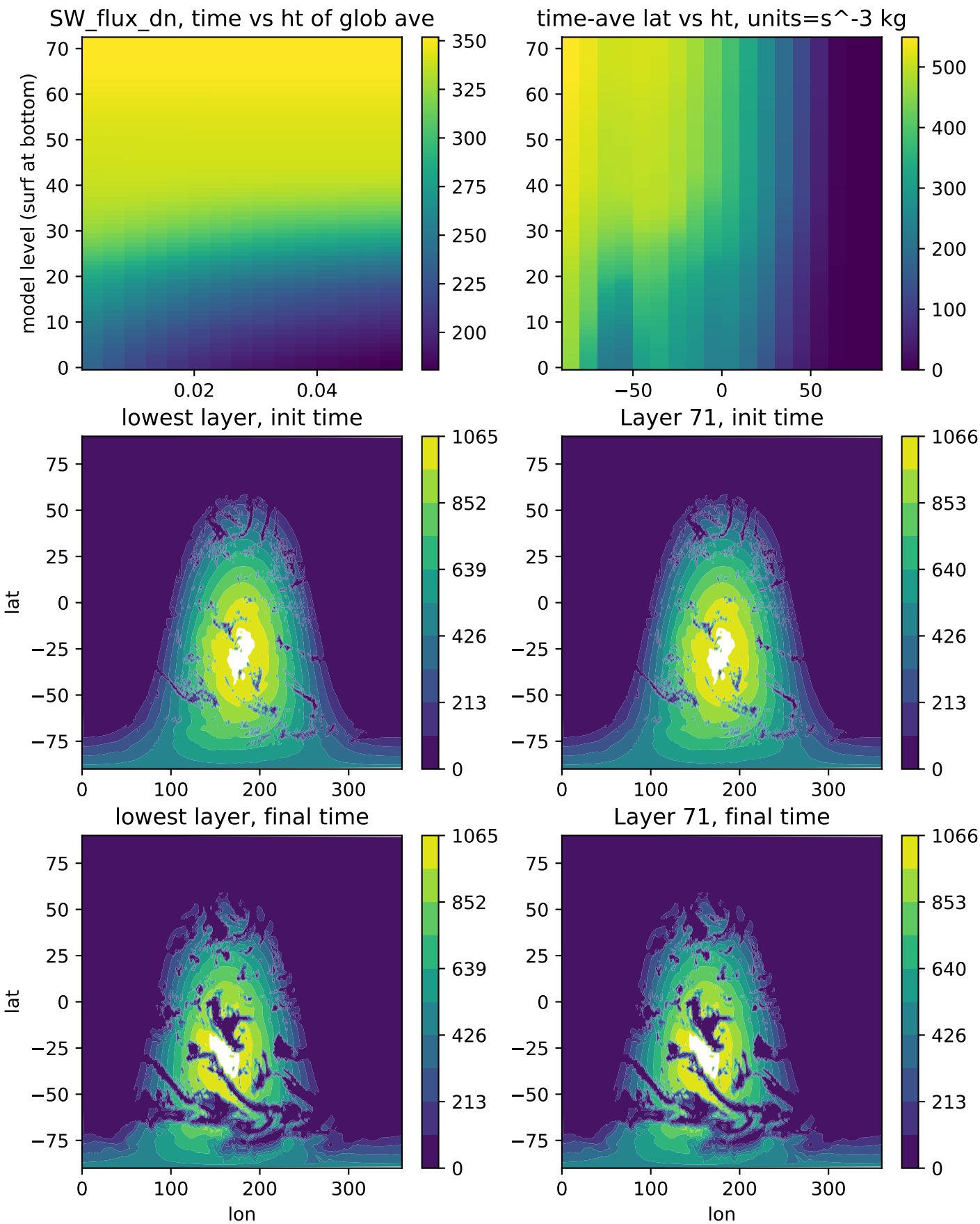

horiz_winds, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=V m s^-1
lowest layer, init time
Layer 70, init time
lowest layer, final time
Layer 70, final time
lat
lon
11.08
4.97
−1.13
−7.24
−13.35
9.94
4.31
−1.32
−6.94
−12.57


tke, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=m^2 s^-2
lowest layer, init time
Layer 70, init time
lowest layer, final time
Layer 70, final time
lat
lon
7.728
6.183
4.637
3.092
1.546
0.000
0.000402922
0.000402337
0.000401753
0.000401169
0.000400584
0.000400000


LW_flux_up, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=s^-3 kg
lowest layer, init time
Layer 71, init time
lowest layer, final time
Layer 71, final time
lat
lon
714.5
606.7
499.0
391.3
283.6
175.9
826.4
697.3
568.1
439.0
309.9
180.8


LW_flux_dn, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=s^-3 kg
lowest layer, init time
Layer 71, init time
lowest layer, final time
Layer 71, final time
lat
lon
663.8
550.9
438.1
325.2
212.3
99.4
645.3
535.8
426.3
316.8
207.4
97.9


SW_flux_up, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=s^-3 kg
lowest layer, init time
Layer 71, init time
lowest layer, final time
Layer 71, final time
lat
lon
406.3
325.0
243.8
162.5
81.3
0.0
405.8
324.6
243.5
162.3
81.2


SW_flux_dn, time vs ht of glob ave
model level (surf at bottom)
time-ave lat vs ht, units=s^-3 kg
lowest layer, init time
Layer 71, init time
lowest layer, final time
Layer 71, final time
lat
lon