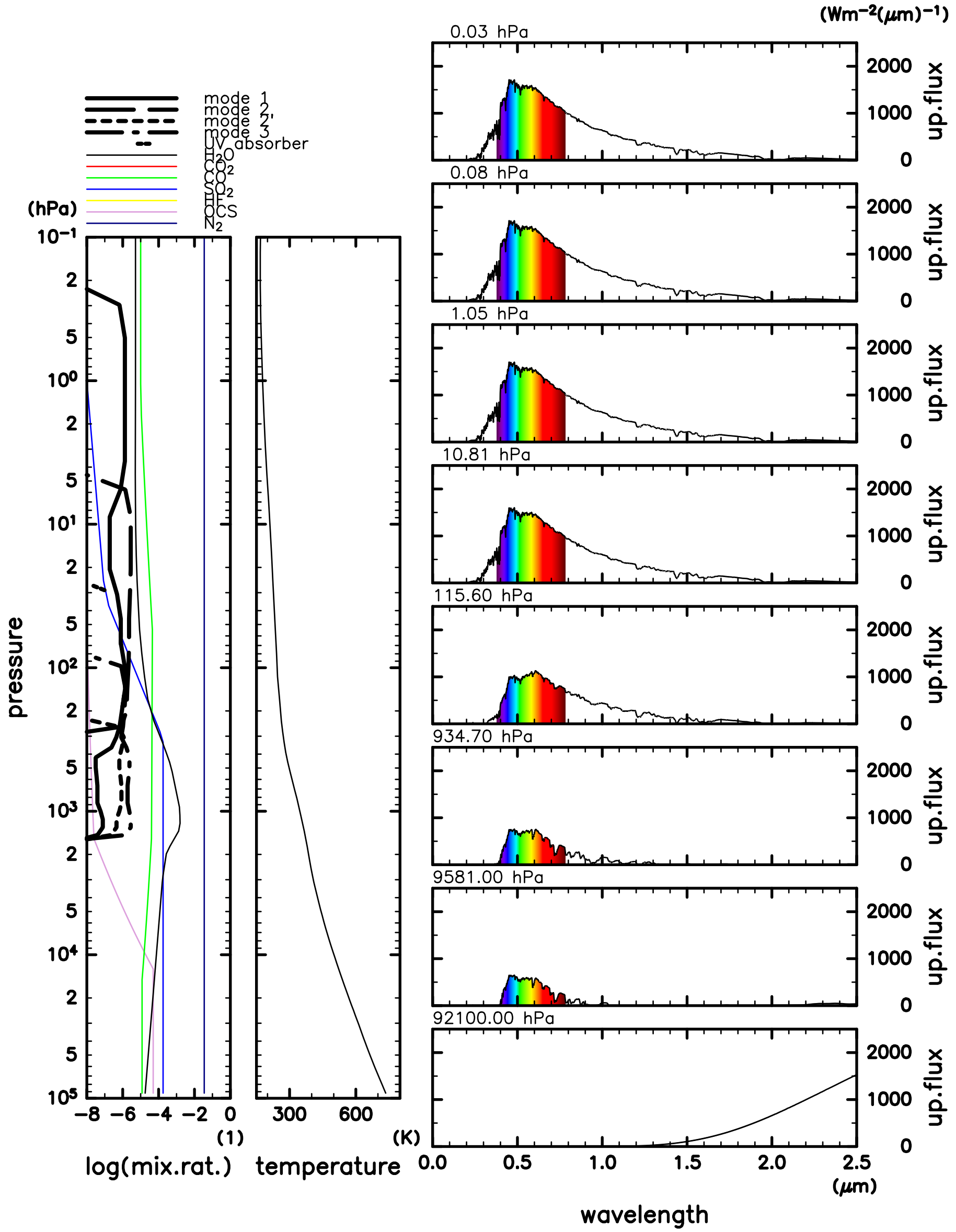
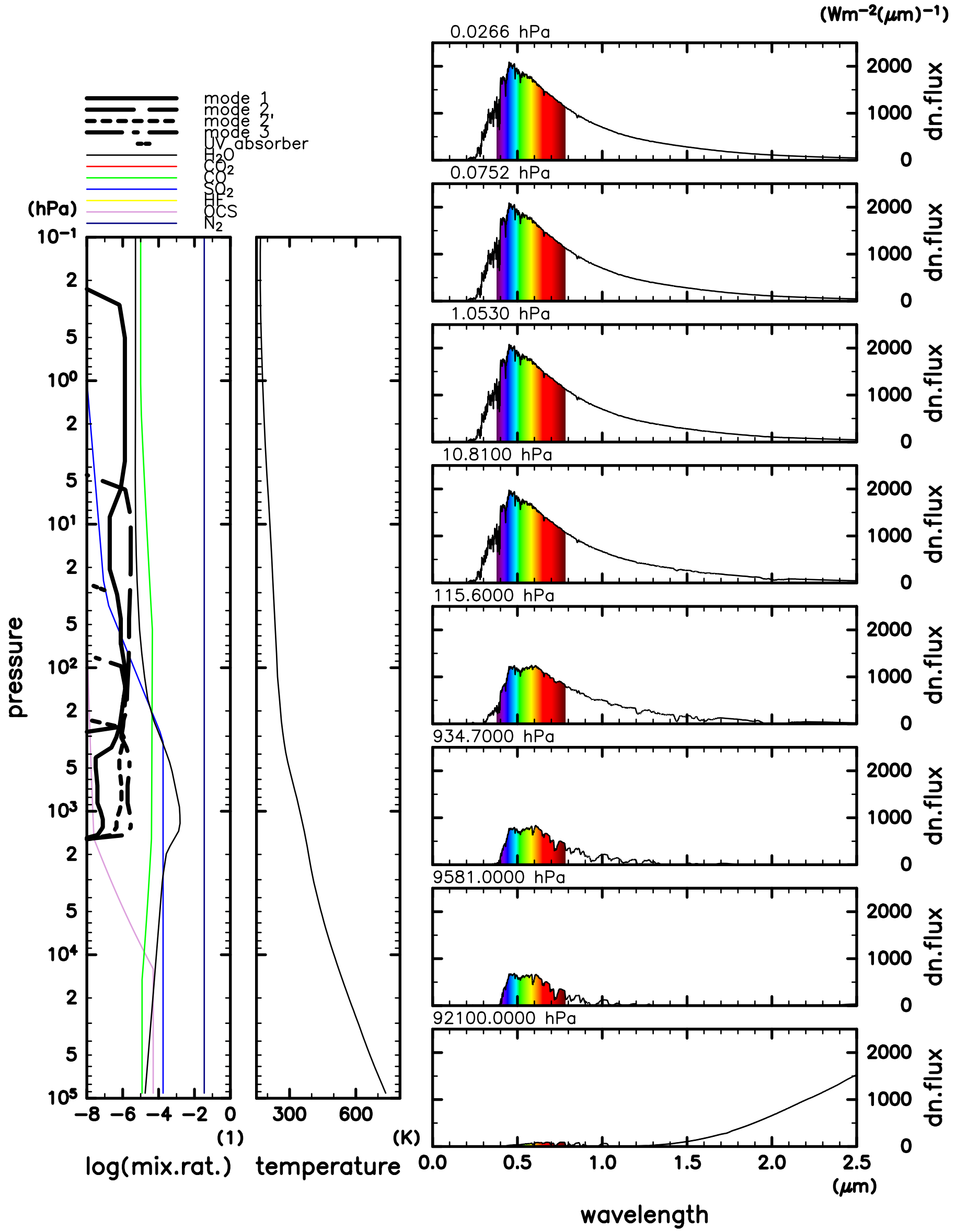
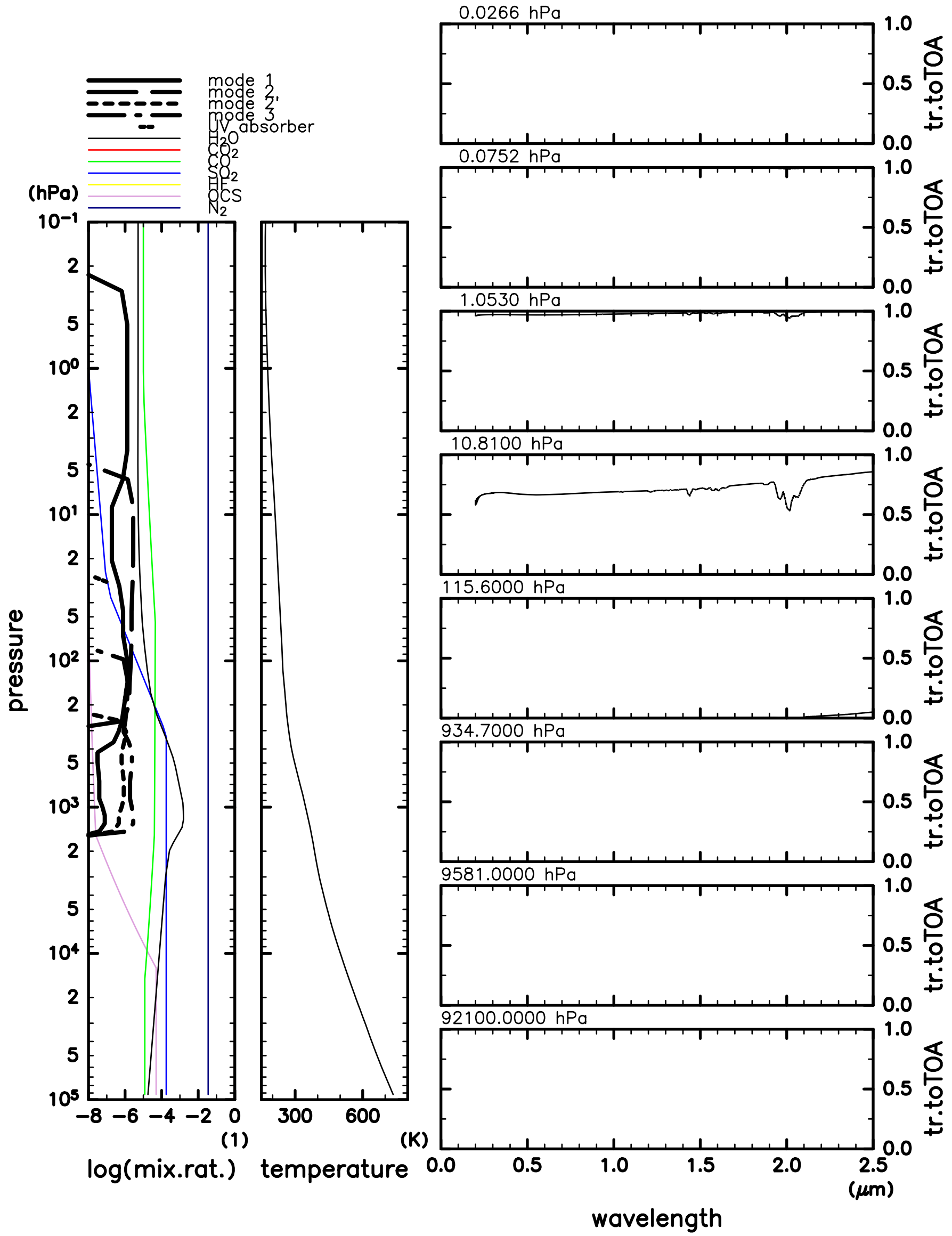
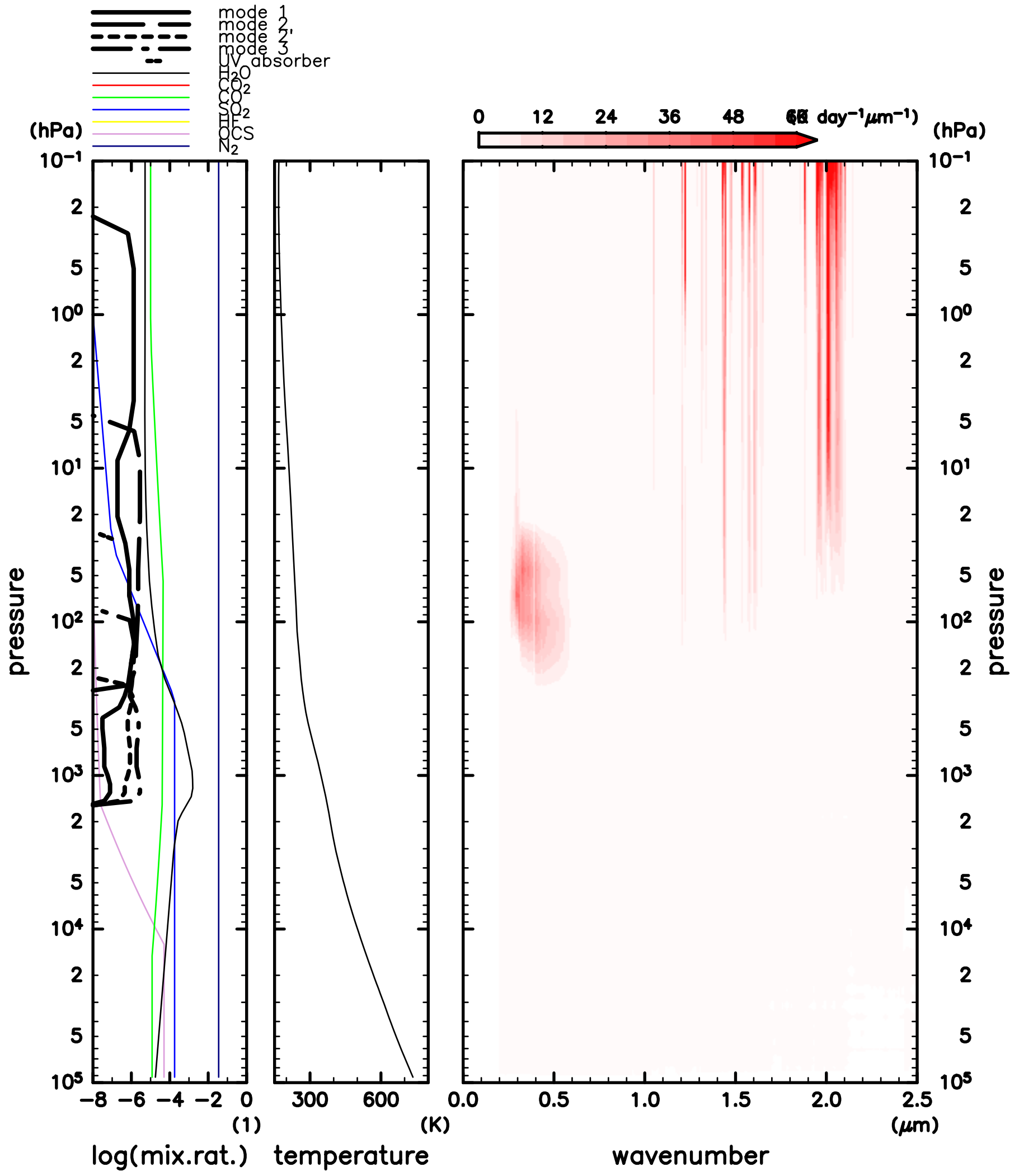

mode 1
mode 2
mode 2'
mode 3
UV absorber
H2O
CO2
CO
SO2
HF
OCS
N2
(hPa)
pressure
log(mix.rat.)
(1)
temperature
(K)
(Wm−2(μm)−1)
0.03 hPa
0.08 hPa
1.05 hPa
10.81 hPa
115.60 hPa
934.70 hPa
9581.00 hPa
92100.00 hPa
up.flux
wavelength
(μm)


mode 1
mode 2
mode 2'
mode 3
UV absorber
H2O
CO2
CO
SO2
HF
OCS
N2
(hPa)
pressure
log(mix.rat.)
(1)
temperature
(K)
(Wm−2(μm)−1)
0.0266 hPa
0.0752 hPa
1.0530 hPa
10.8100 hPa
115.6000 hPa
934.7000 hPa
9581.0000 hPa
92100.0000 hPa
dn.flux
wavelength
(μm)


mode 1
mode 2
mode 2'
mode 3
UV absorber
H2O
CO2
CO
SO2
HF
OCS
N2
(hPa)
pressure
log(mix.rat.)
(1)
temperature
(K)
0.0266 hPa
0.0752 hPa
1.0530 hPa
10.8100 hPa
115.6000 hPa
934.7000 hPa
9581.0000 hPa
92100.0000 hPa
tr.toTOA
wavelength
(μm)


mode 1
mode 2
mode 2'
mode 3
UV absorber
H2O
CO2
CO
SO2
HF
OCS
N2
(hPa)
pressure
log(mix.rat.)
(1)
temperature
(K)
wavenumber
(μm)
0
12
24
36
48
60
(K day⁻¹μm⁻¹)