1D retrieval on 3D GCM simulation
(H_2O diss. / Rot broad.)

$\log X_{CO} = -4.0^{+0.8}_{-0.6}$

$\log X_{0,H_2O} = -4.6^{+0.6}_{-0.6}$

$T_0 = 2232^{+603}_{-434}$ K

$\log P_1 = -3.9^{+0.9}_{-0.7}$ bar

$\log P_2 = -0.8^{+0.4}_{-0.5}$ bar

$\log P_3 = 1.2^{+0.5}_{-0.6}$ bar

$\alpha_1 = 0.59^{+0.23}_{-0.24}$

$\alpha_2 = 0.25^{+0.03}_{-0.03}$

$\Delta K_p = 1.2^{+4.5}_{-4.6}$ km/s

$\Delta v_{sys} = -1.4^{+2.6}_{-2.6}$ km/s

$\delta v_{broad} = 6.5^{+1.3}_{-1.6}$ km/s