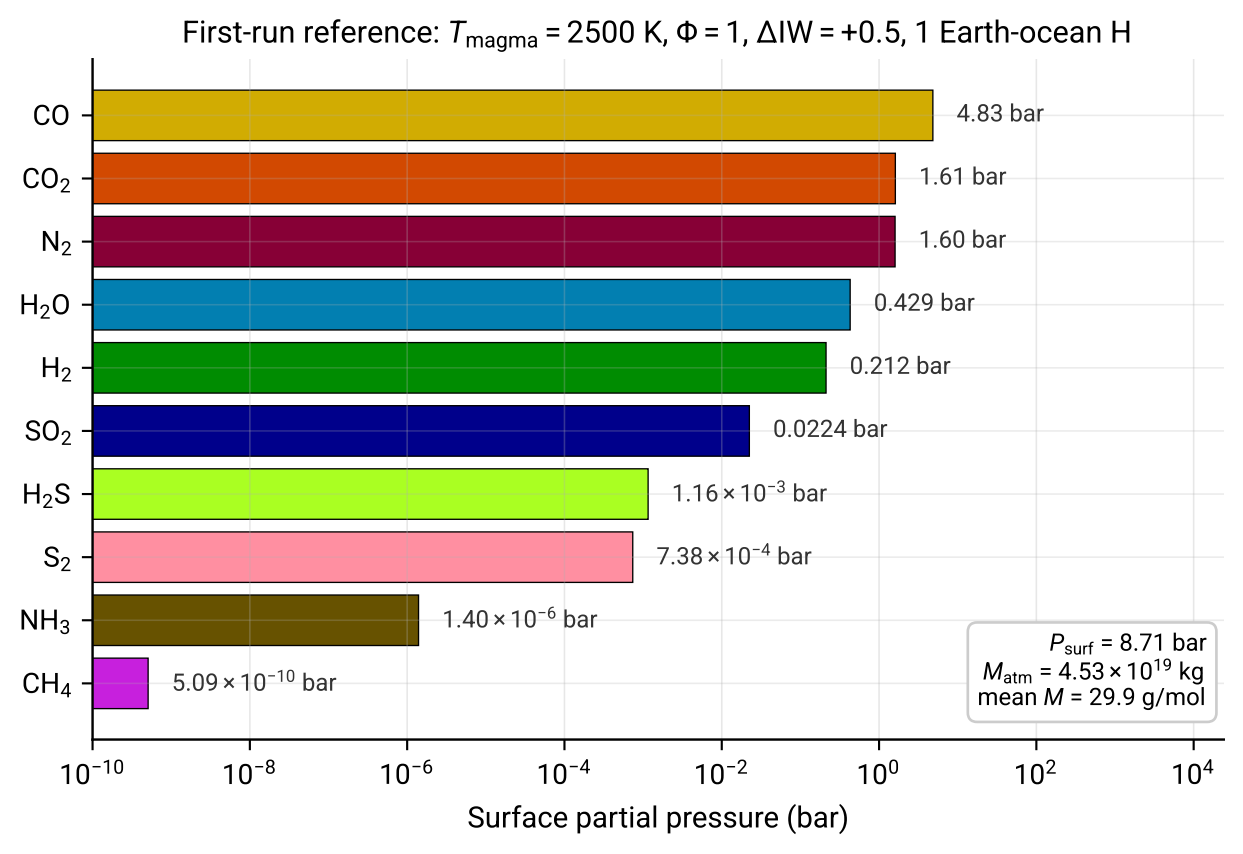

First-run reference: T_{magma} = 2500 K, Φ = 1, ΔIW = +0.5, 1 Earth-ocean H
CO
CO_2
N_2
H_2O
H_2
SO_2
H_2S
S_2
NH_3
CH_4
4.83 bar
1.61 bar
1.60 bar
0.429 bar
0.212 bar
0.0224 bar
1.16×10^{-3} bar
7.38×10^{-4} bar
1.40×10^{-6} bar
5.09×10^{-10} bar
P_{surf} = 8.71 bar
M_{atm} = 4.53×10^{19} kg
mean M = 29.9 g/mol
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
10^{2}
10^{4}
Surface partial pressure (bar)