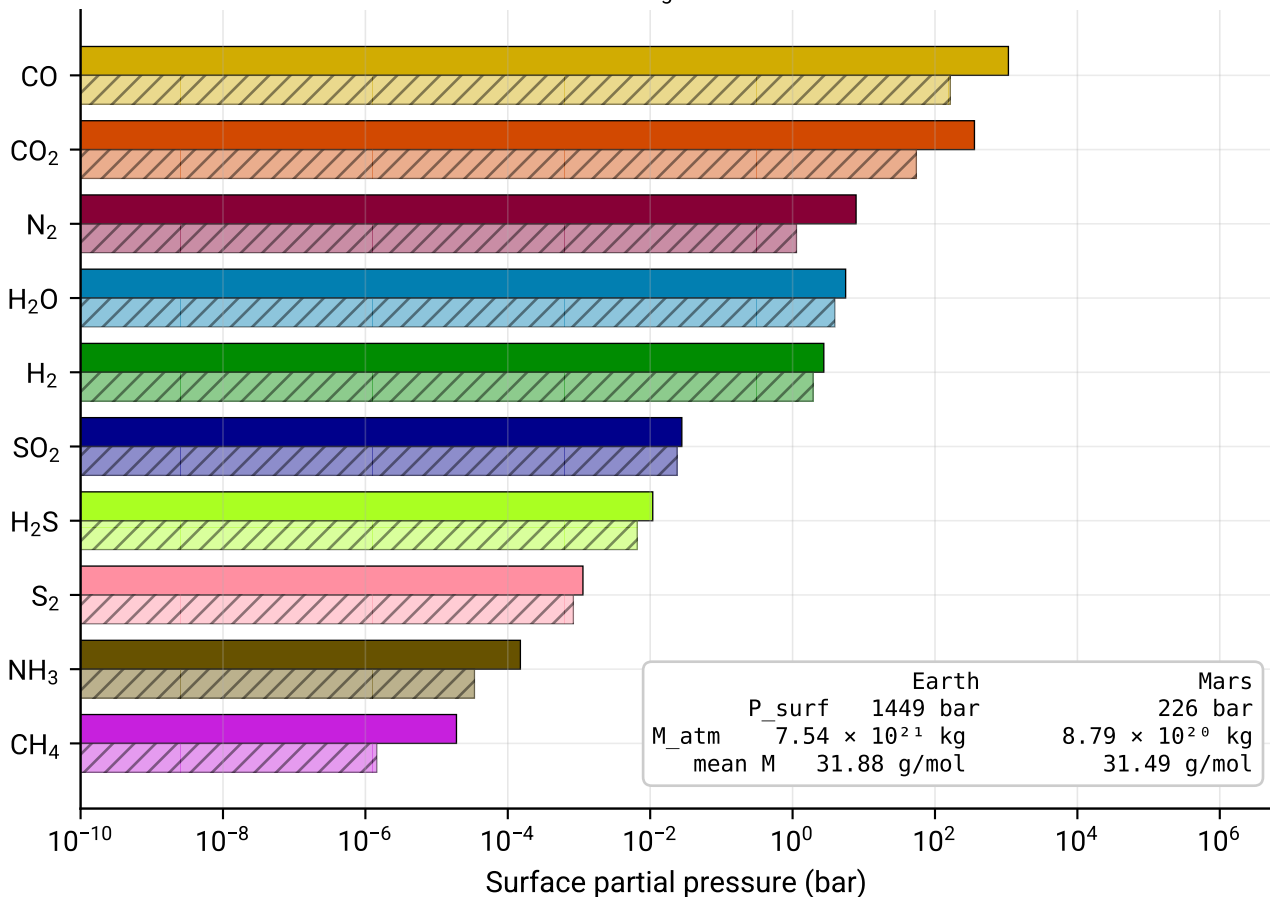


Earth vs Mars-scaled at $T_{\text{magma}} = 2500 \text{ K}$, $\Phi = 1$, $\Delta\text{IW} = +0.5$



Earth-BSE
 Mars-scaled (0.107 x Earth inventory)

| | | |
|-------------------|----------------------------------|----------------------------------|
| | Earth | Mars |
| P _{surf} | 1449 bar | 226 bar |
| M _{atm} | $7.54 \times 10^{21} \text{ kg}$ | $8.79 \times 10^{20} \text{ kg}$ |
| mean M | 31.88 g/mol | 31.49 g/mol |