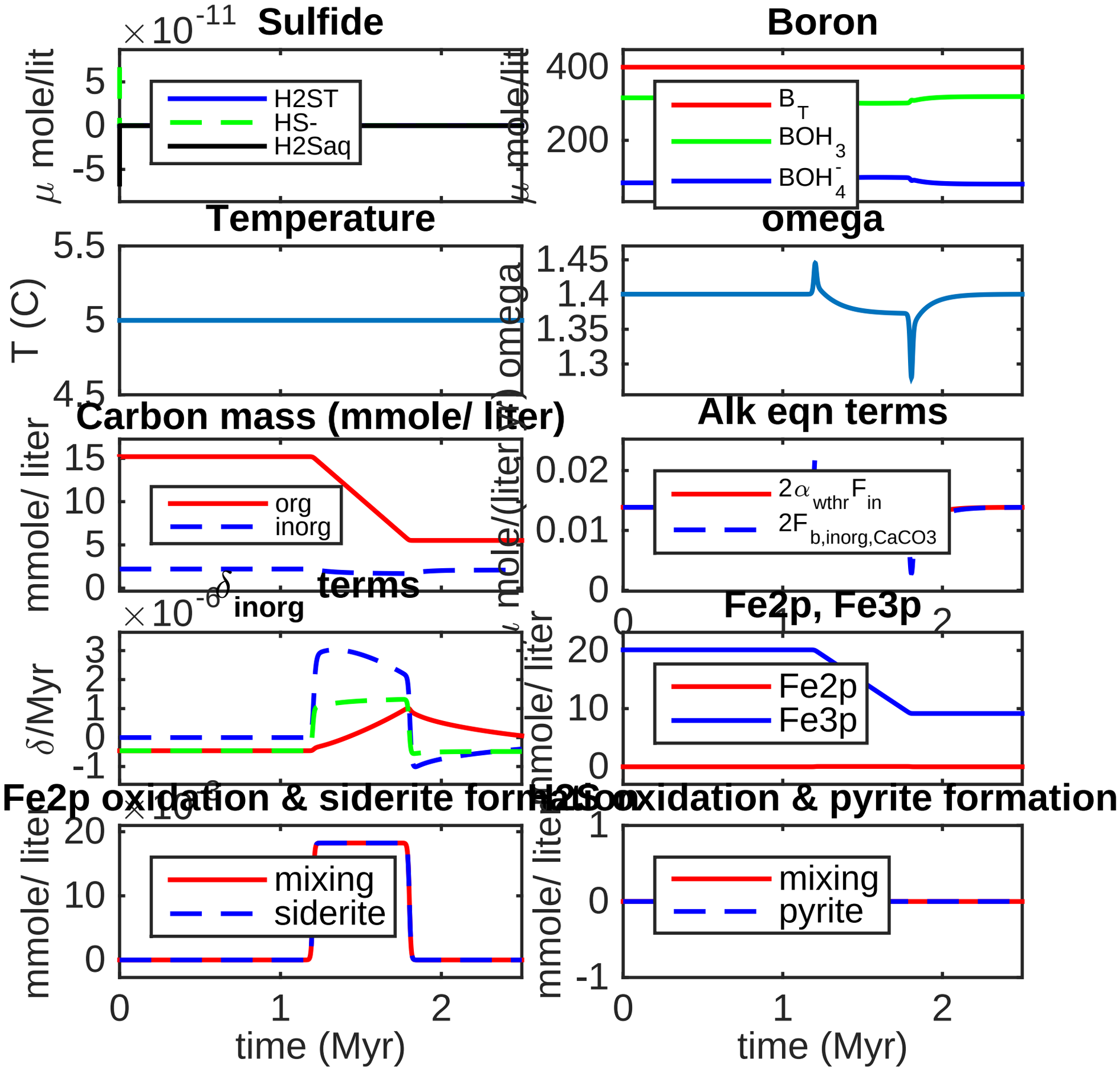
Sulfide
×10^-11
μ mole/lit
H2ST
HS-
H2Saq
Boron
μ mole/lit
B_T
BOH_3
BOH_4^-
Temperature
T (C)
omega
omega
Carbon mass (mmole/ liter)
mmole/ liter
org
inorg
Alk eqn terms
mmole/(liter)
2α_wthr F_in
2F_b,inorg,CaCO3
δ^inorg terms
×10^-6
δ/Myr
Fe2p, Fe3p
mmole/ liter
Fe2p
Fe3p
Fe2p oxidation & siderite formation
×10^-3
mmole/ liter
mixing
siderite
H2S oxidation & pyrite formation
mmole/ liter
mixing
pyrite
time (Myr)
time (Myr)