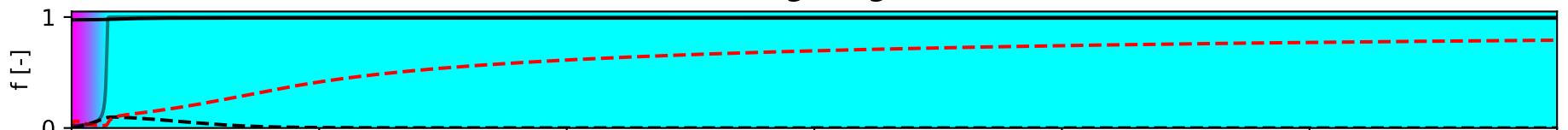


Inhibitions for the different reactions

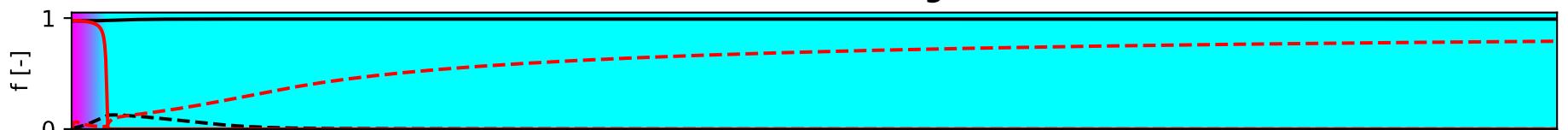
Hydrolysis lumped with acidogenesis & acetogenesis



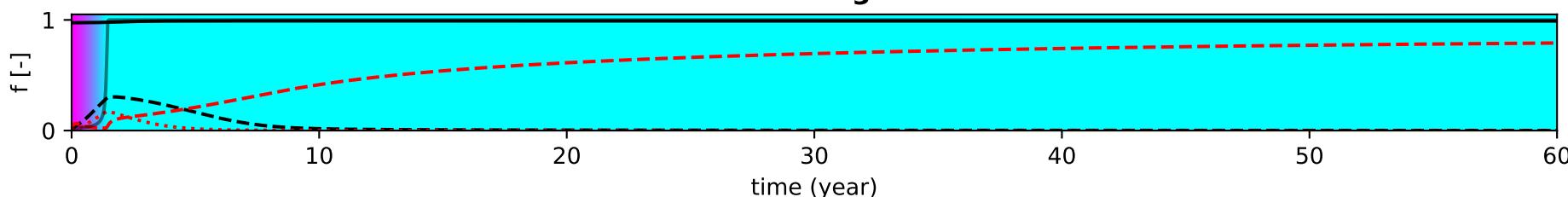
Methanogens growth



Oxidizers & Nitrifiers growth



Denitrifiers growth



- | | | |
|------------------------------------|-------------------------------------|------------------------------------|
| — pH inhibition | — O_2 substrate inhibition | — O_2 toxicity inhibition |
| - - - acetate substrate inhibition | - - - NH_4^+ substrate inhibition | - - - NH_4^+ toxicity inhibition |
| SOM substrate inhibition | NO_3^- substrate inhibition | biomass presence inhibition |