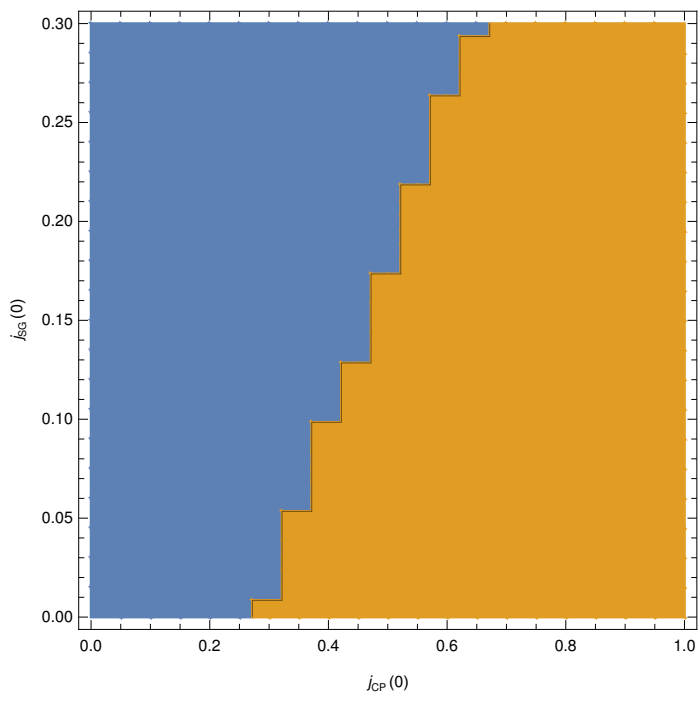
S/H ratio after 500 days

Fluxes that are state variables : {j_{CP}, j_{SG}}

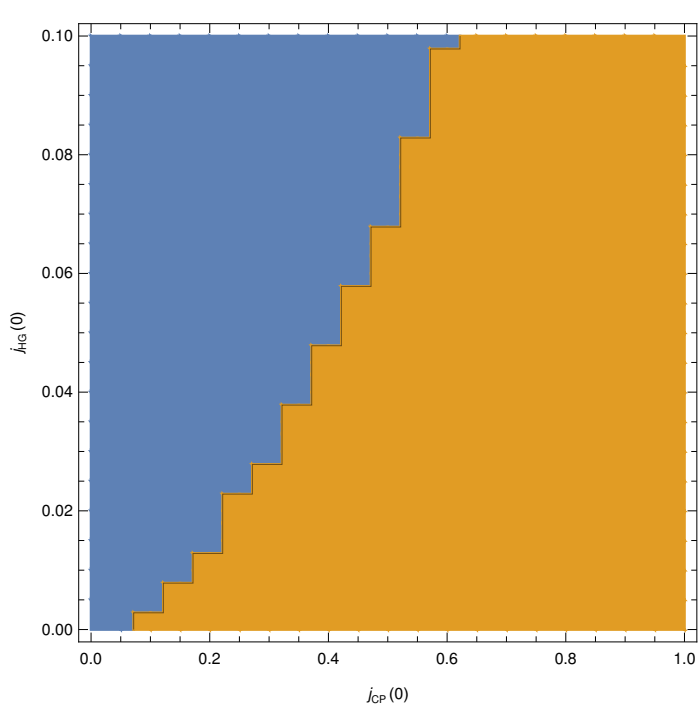


Parameters

nNH → 0.18	σNH → 0.9	KX → $\frac{1}{1\,000\,000}$	yCL → 0.1	jCPm → 2.8	L → 30
nNS → 0.13	σCH → 0.1	jNm → 0.035	yC → 0.8	jSGm → 0.25	λ → 40
nNX → 0.2	σNS → 0.9	KN → 1.5×10^{-6}	astar → 1.34	b → 5	tmax → 500
j0HT → 0.03	σCS → 0.9	kCO2 → 10	kNPQ → 112	X → 0	S_0 → 0.3
j0ST → 0.03	jXm → 0.13	jHGm → 1	kROS → 80	N → 1.5×10^{-6}	H_0 → 1

S/H ratio after 500 days

Fluxes that are state variables : {j_{CP}, j_{HG}}

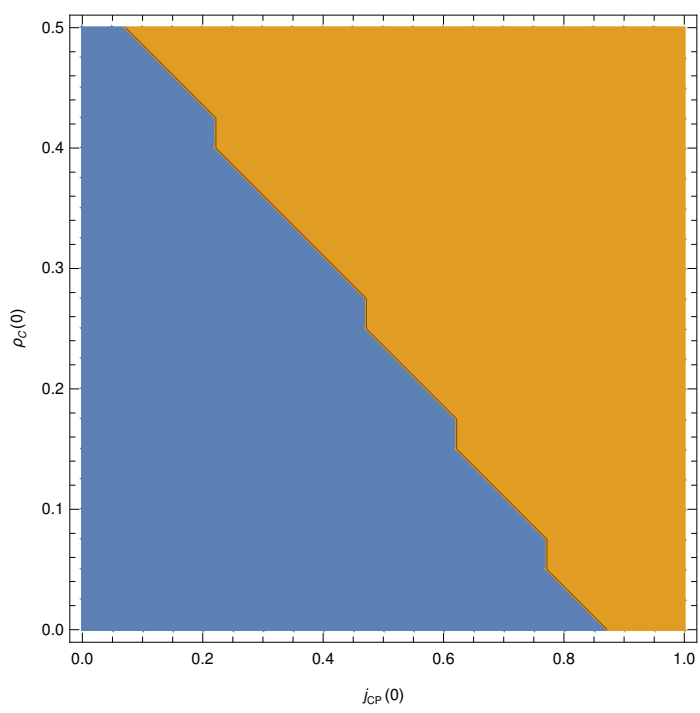


Parameters

nNH → 0.18	σNH → 0.9	KX → $\frac{1}{1\,000\,000}$	yCL → 0.1	jCPm → 2.8	L → 30
nNS → 0.13	σCH → 0.1	jNm → 0.035	yC → 0.8	jSGm → 0.25	λ → 40
nNX → 0.2	σNS → 0.9	KN → 1.5×10^{-6}	astar → 1.34	b → 5	tmax → 500
j0HT → 0.03	σCS → 0.9	kCO2 → 10	kNPQ → 112	X → 0	S_0 → 0.3
j0ST → 0.03	jXm → 0.13	jHGm → 1	kROS → 80	N → 1.5×10^{-6}	H_0 → 1

S/H ratio after 500 days

Fluxes that are state variables : {j_{CP}, ρ_C}

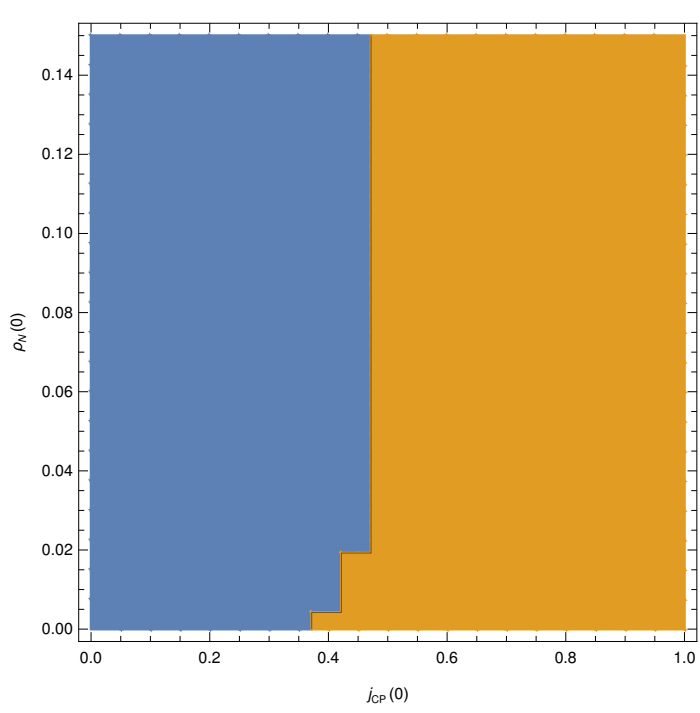


Parameters

nNH → 0.18	σNH → 0.9	KX → $\frac{1}{1\,000\,000}$	yCL → 0.1	jCPm → 2.8	L → 30
nNS → 0.13	σCH → 0.1	jNm → 0.035	yC → 0.8	jSGm → 0.25	λ → 40
nNX → 0.2	σNS → 0.9	KN → 1.5×10^{-6}	astar → 1.34	b → 5	tmax → 500
j0HT → 0.03	σCS → 0.9	kCO2 → 10	kNPQ → 112	X → 0	S_0 → 0.3
j0ST → 0.03	jXm → 0.13	jHGm → 1	kROS → 80	N → 1.5×10^{-6}	H_0 → 1

S/H ratio after 500 days

Fluxes that are state variables : {j_{CP}, ρ_N}



Parameters

nNH → 0.18	σNH → 0.9	KX → $\frac{1}{1\,000\,000}$	yCL → 0.1	jCPm → 2.8	L → 30
nNS → 0.13	σCH → 0.1	jNm → 0.035	yC → 0.8	jSGm → 0.25	λ → 40
nNX → 0.2	σNS → 0.9	KN → 1.5×10^{-6}	astar → 1.34	b → 5	tmax → 500
j0HT → 0.03	σCS → 0.9	kCO2 → 10	kNPQ → 112	X → 0	S_0 → 0.3
j0ST → 0.03	jXm → 0.13	jHGm → 1	kROS → 80	N → 1.5×10^{-6}	H_0 → 1