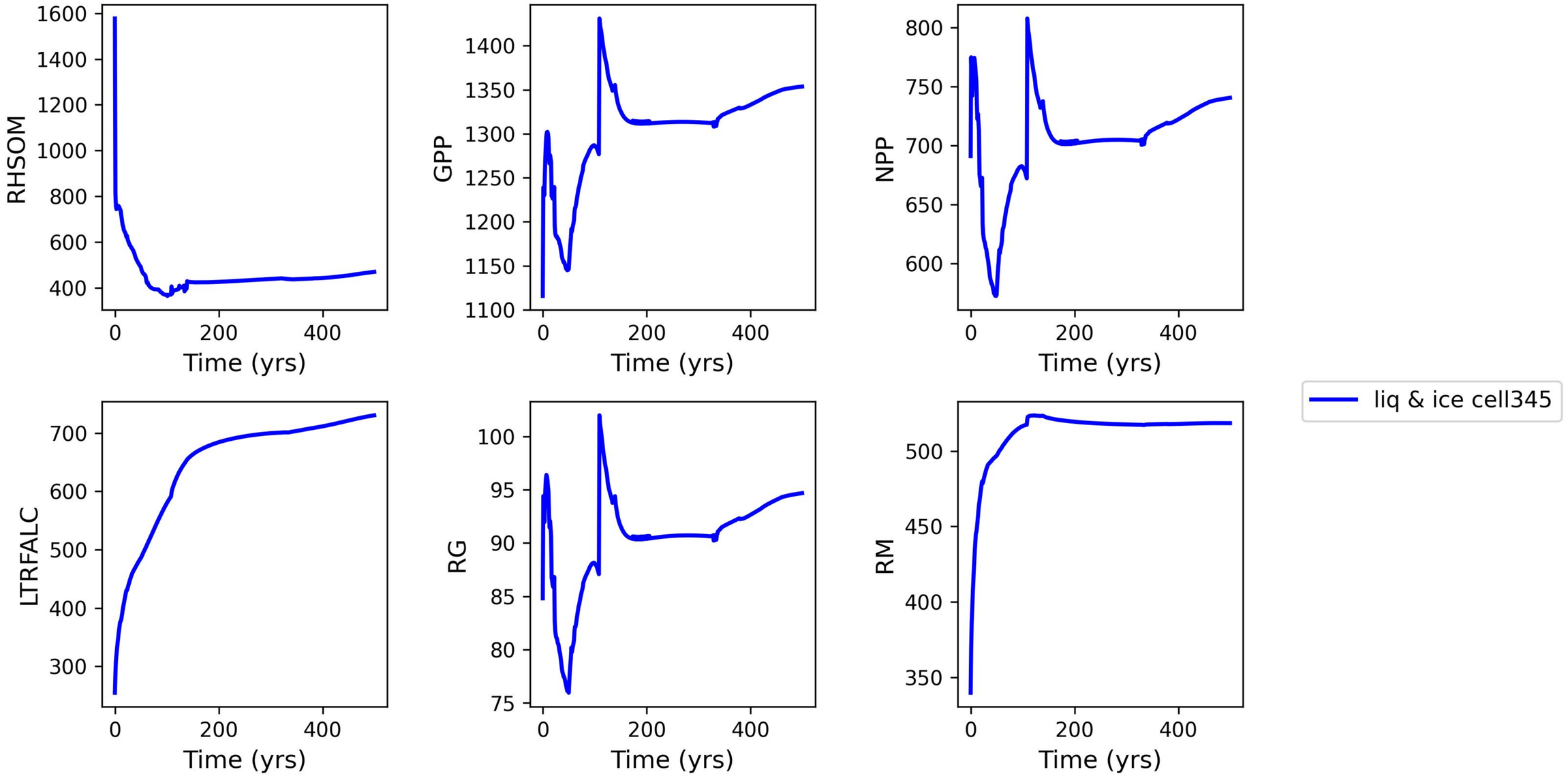
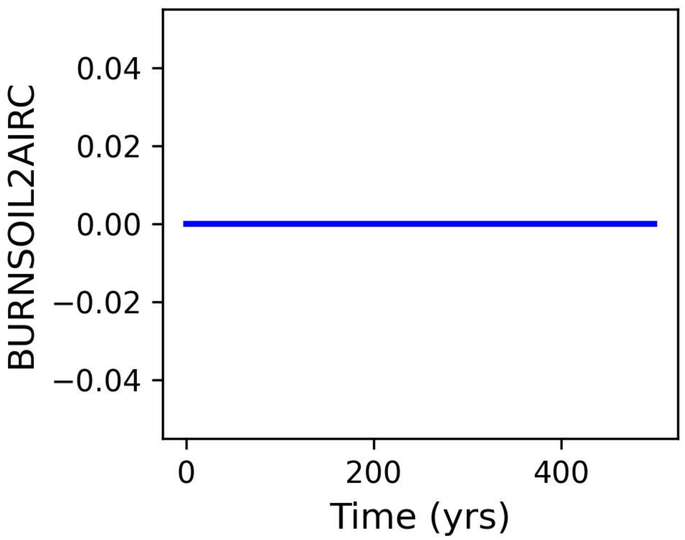
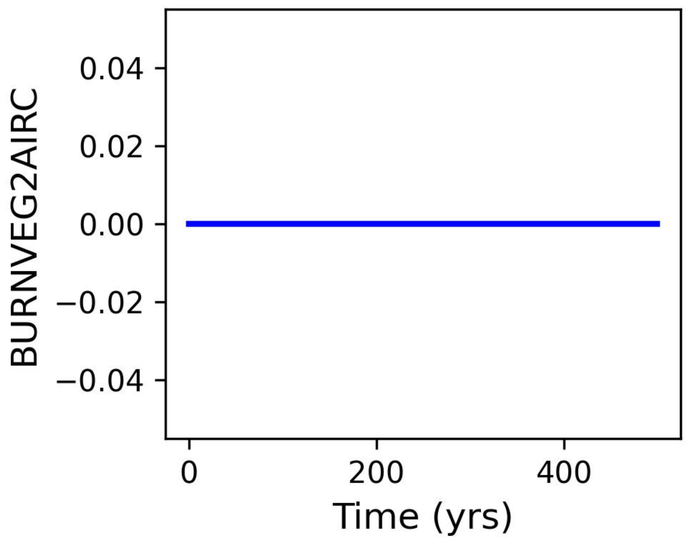
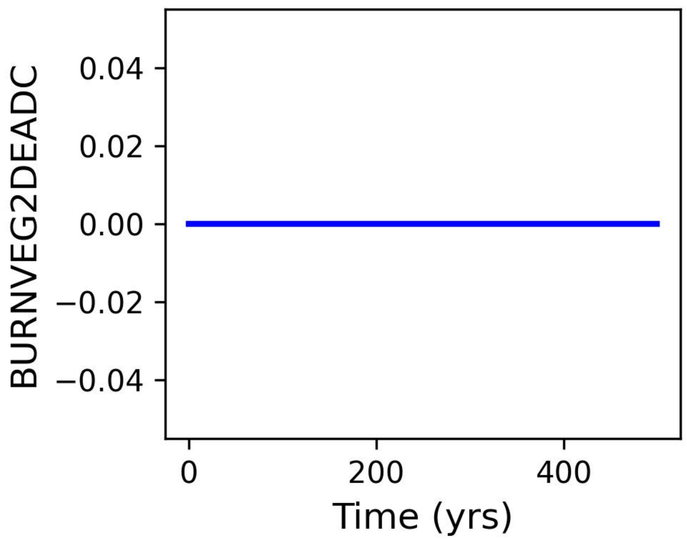
Yearly Carbon Flux Time Series

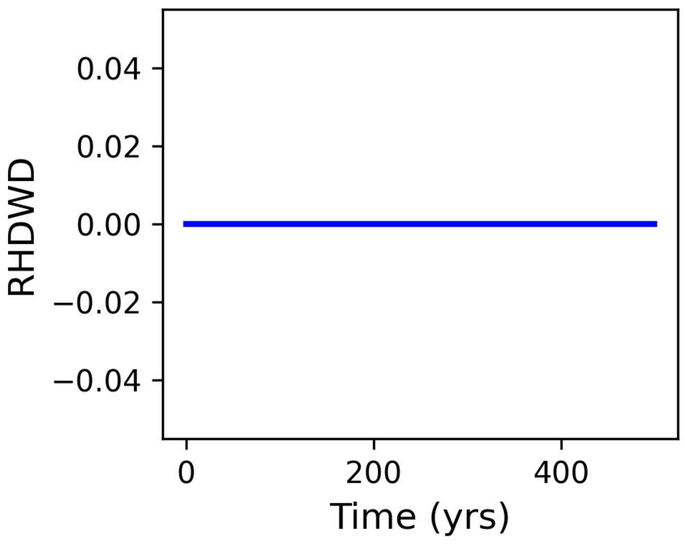


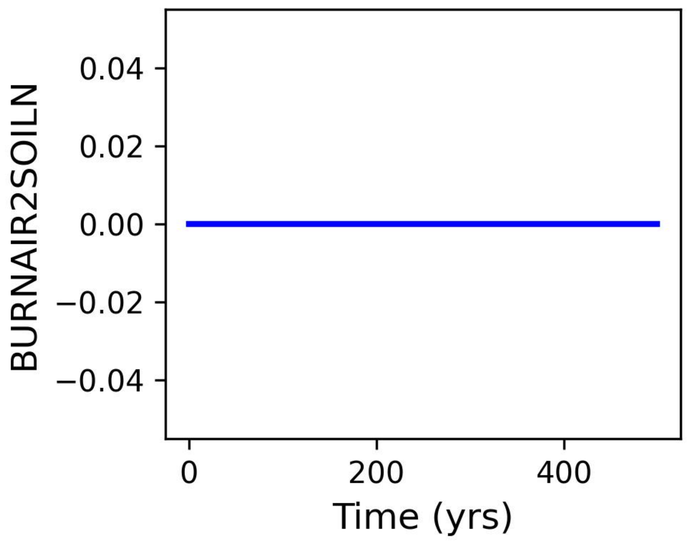
Yearly Wildfire Flux Time Series

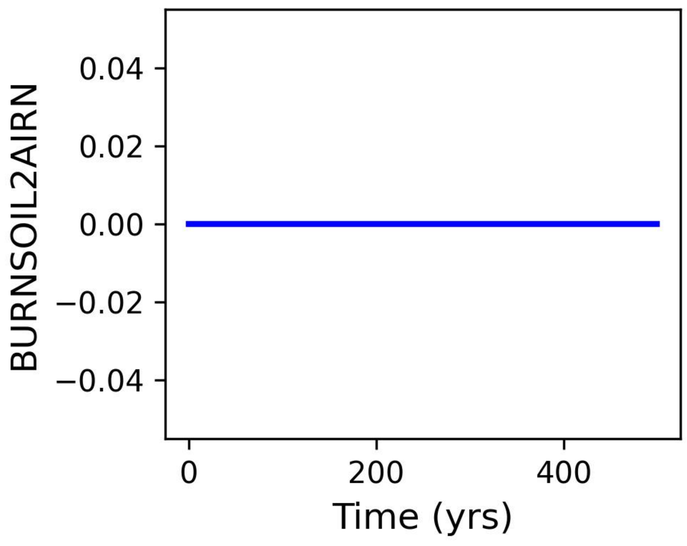


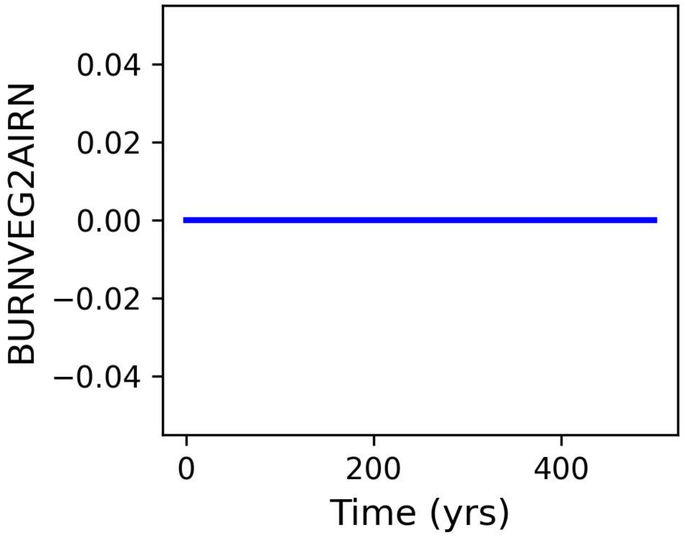


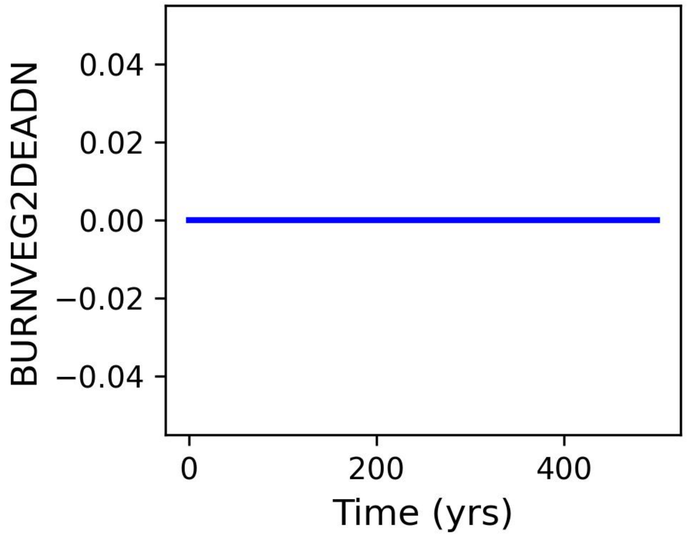




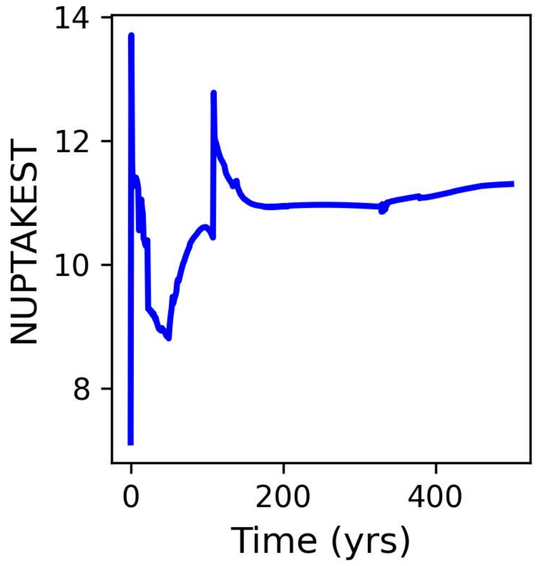


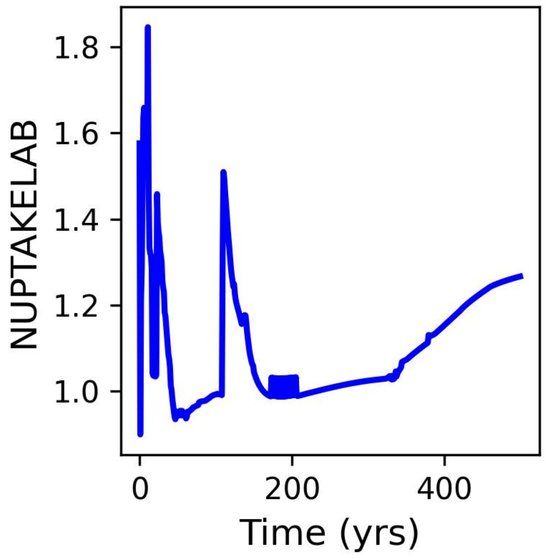


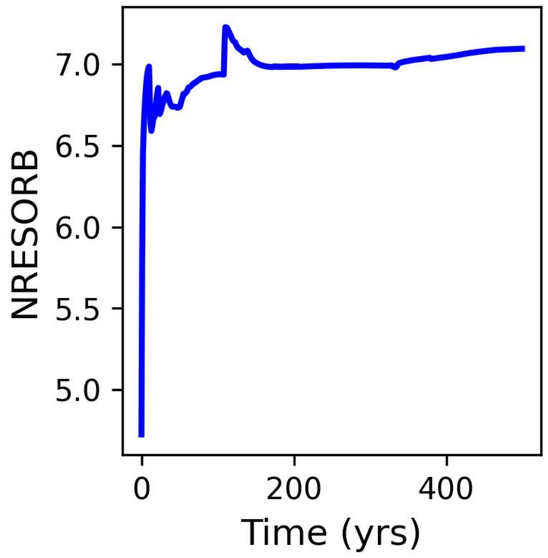


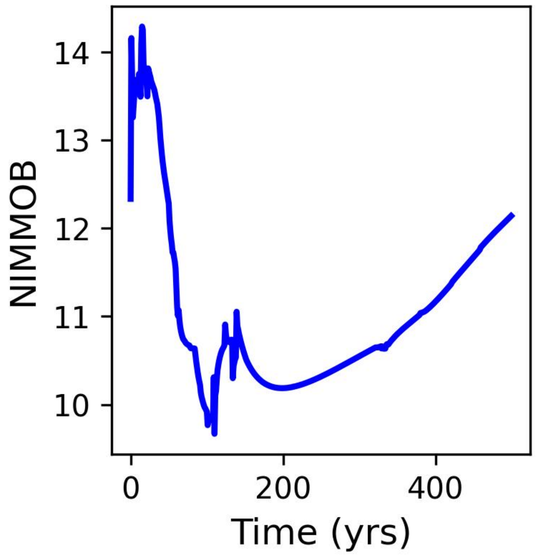


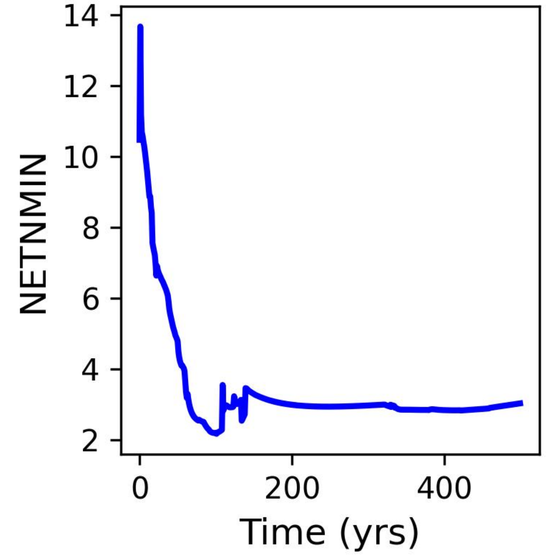
Yearly Nitrogen Flux Time Series

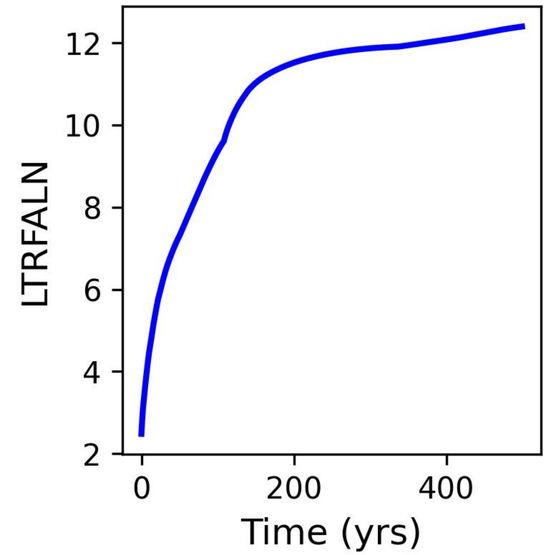












Available N Soil Profile

liq & ice cell345

depth (m)

0
−1
−2
−3
−4
−5

0
100
200
300
400
500

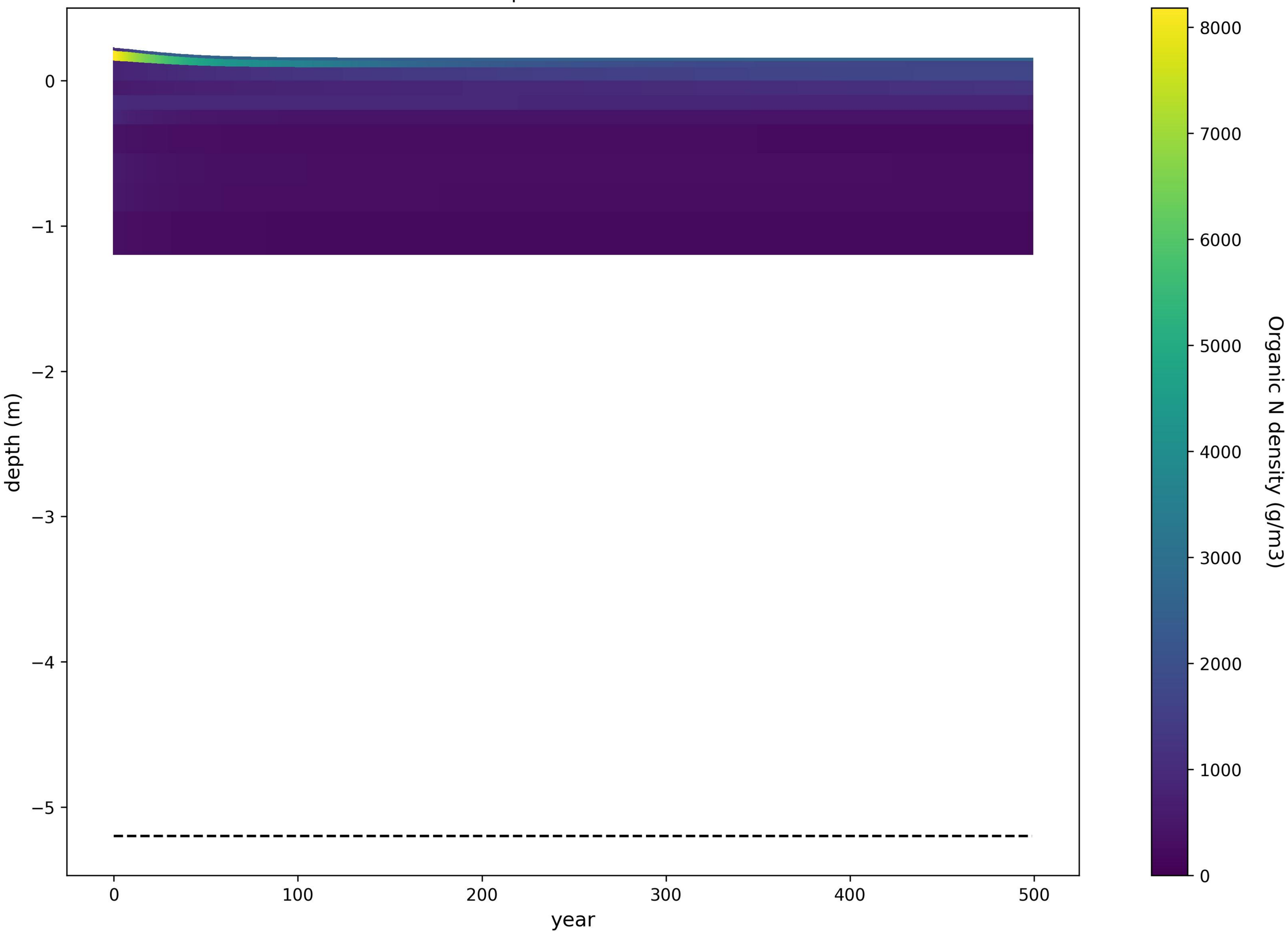
year

Available N density (g/m3)

50
40
30
20
10
0

Organic N Soil Profile

liq & ice cell345



Total Soil Carbon Profile

liq & ice cell345

depth (m)

0
−1
−2
−3
−4
−5

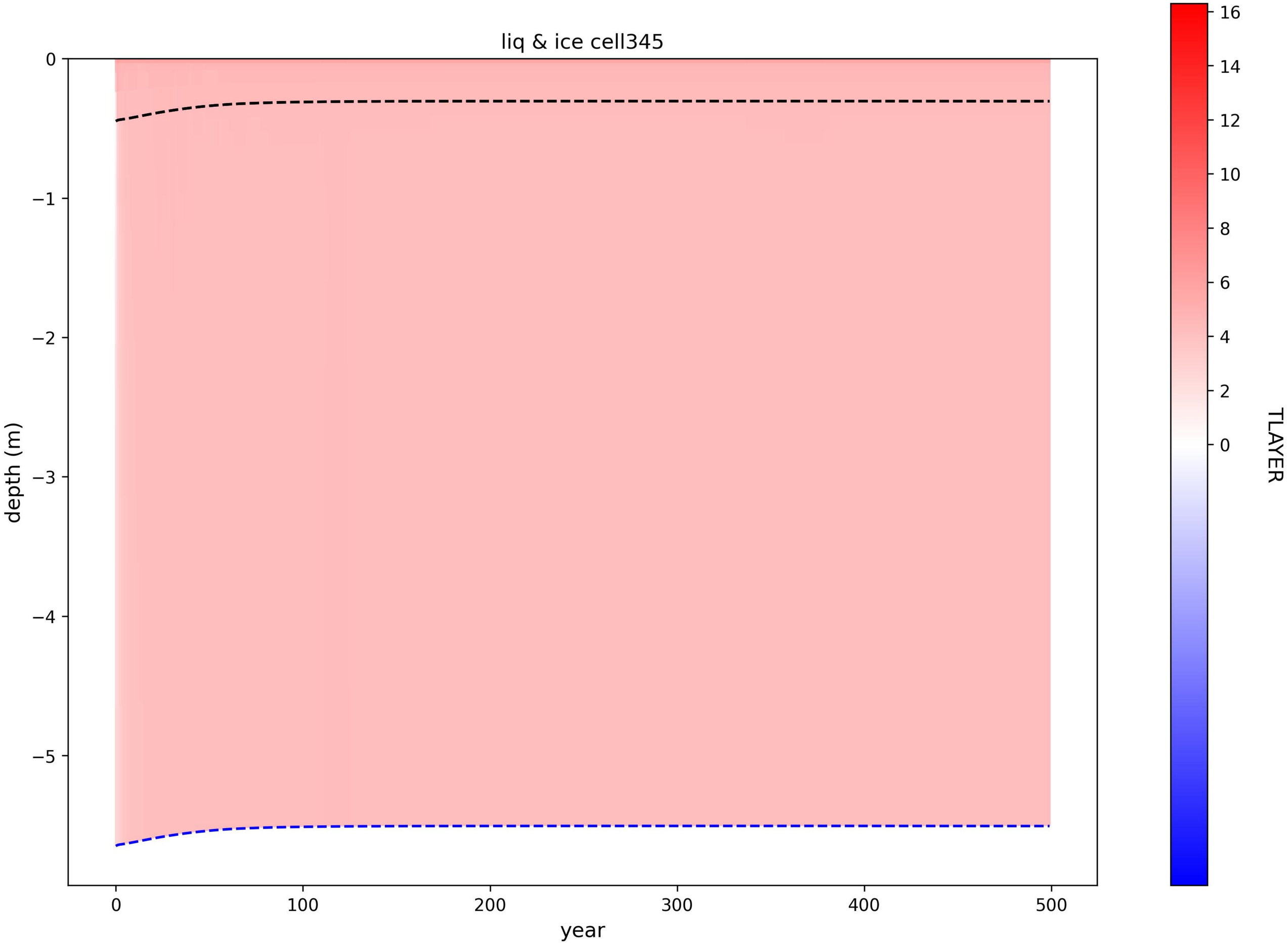
0
100
200
300
400
500

year

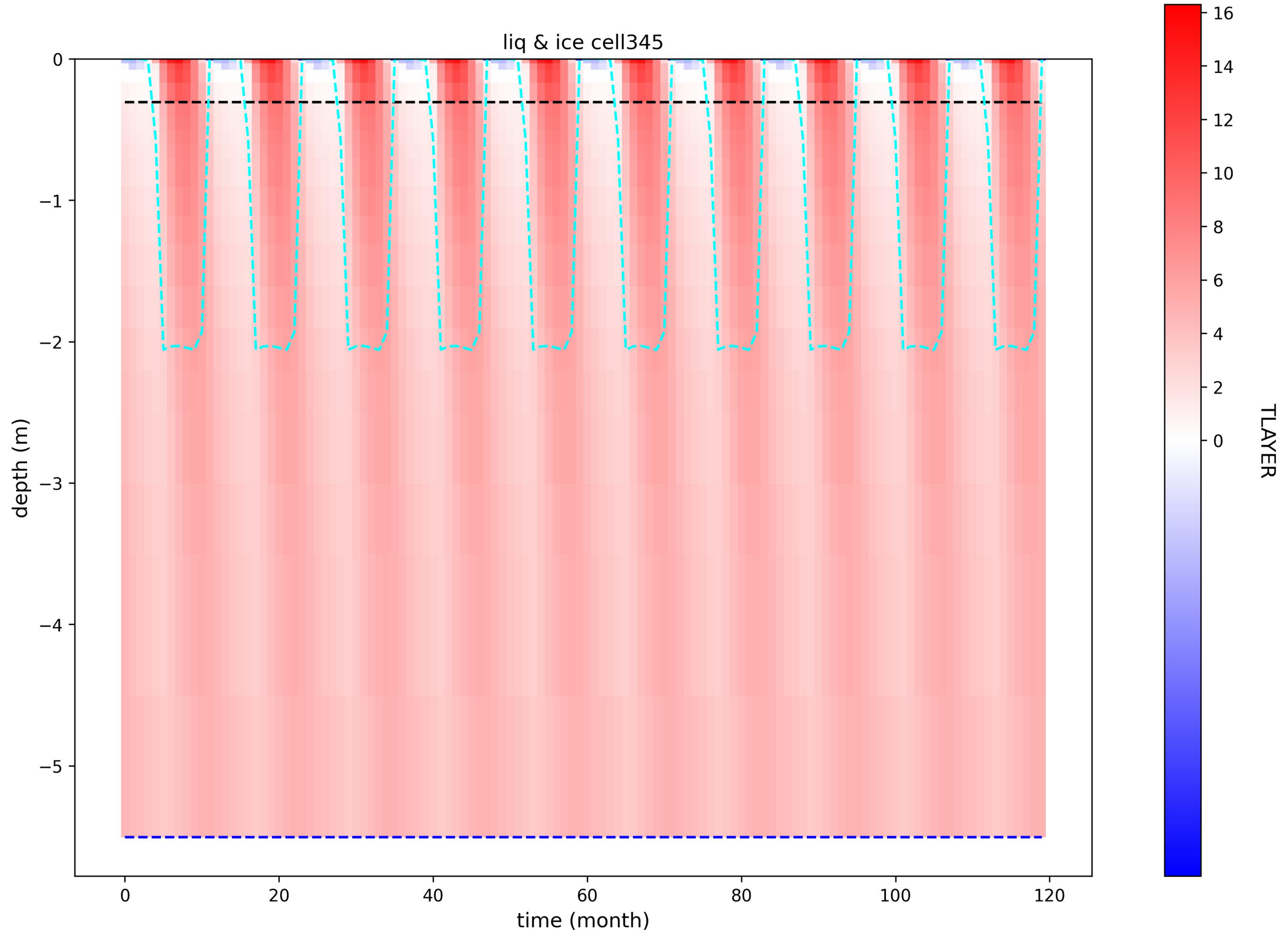
Soil C density (kg/m3)

0
5
10
15
20
25
30
35
40

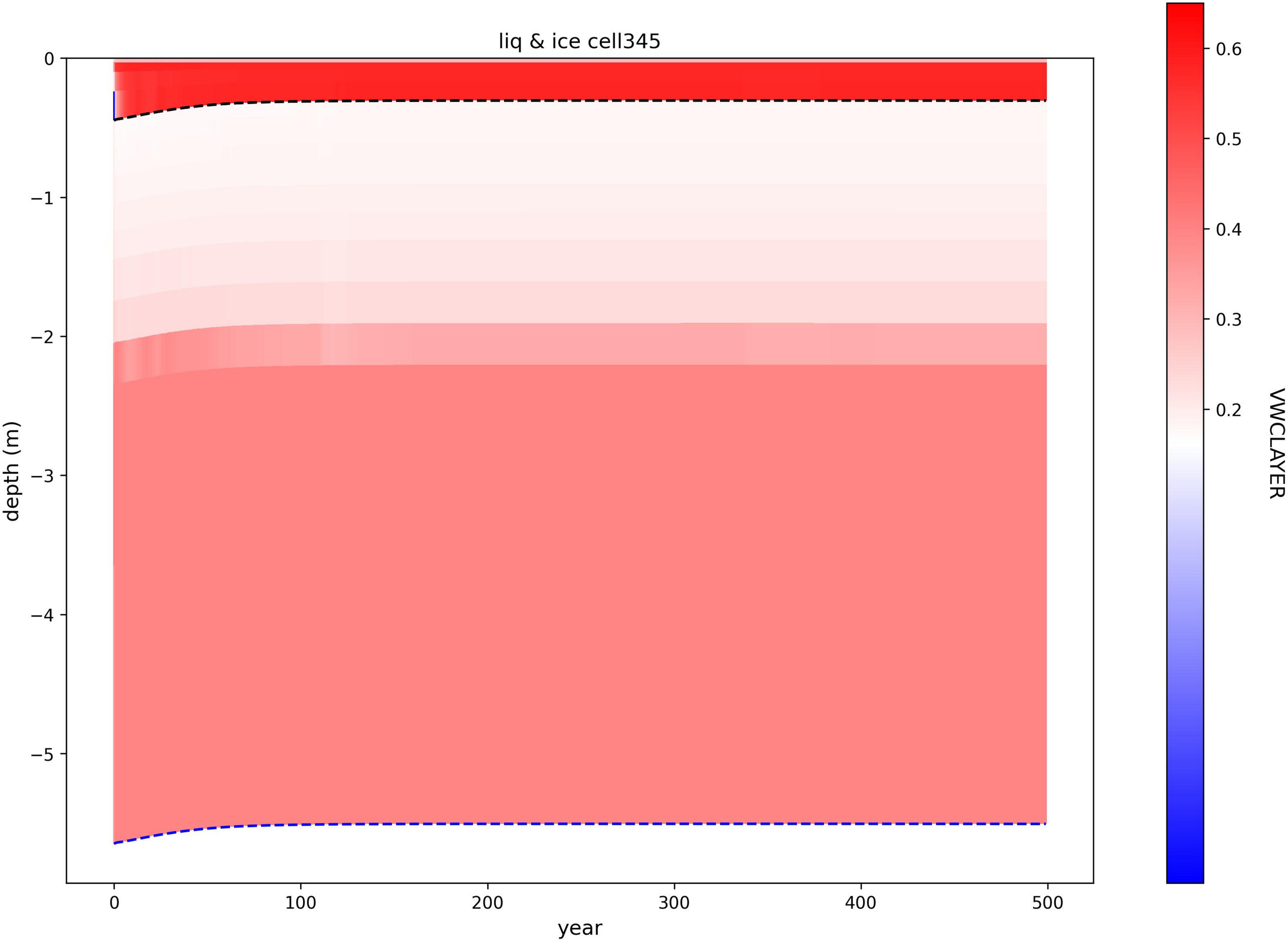
Environmental Annual Profile



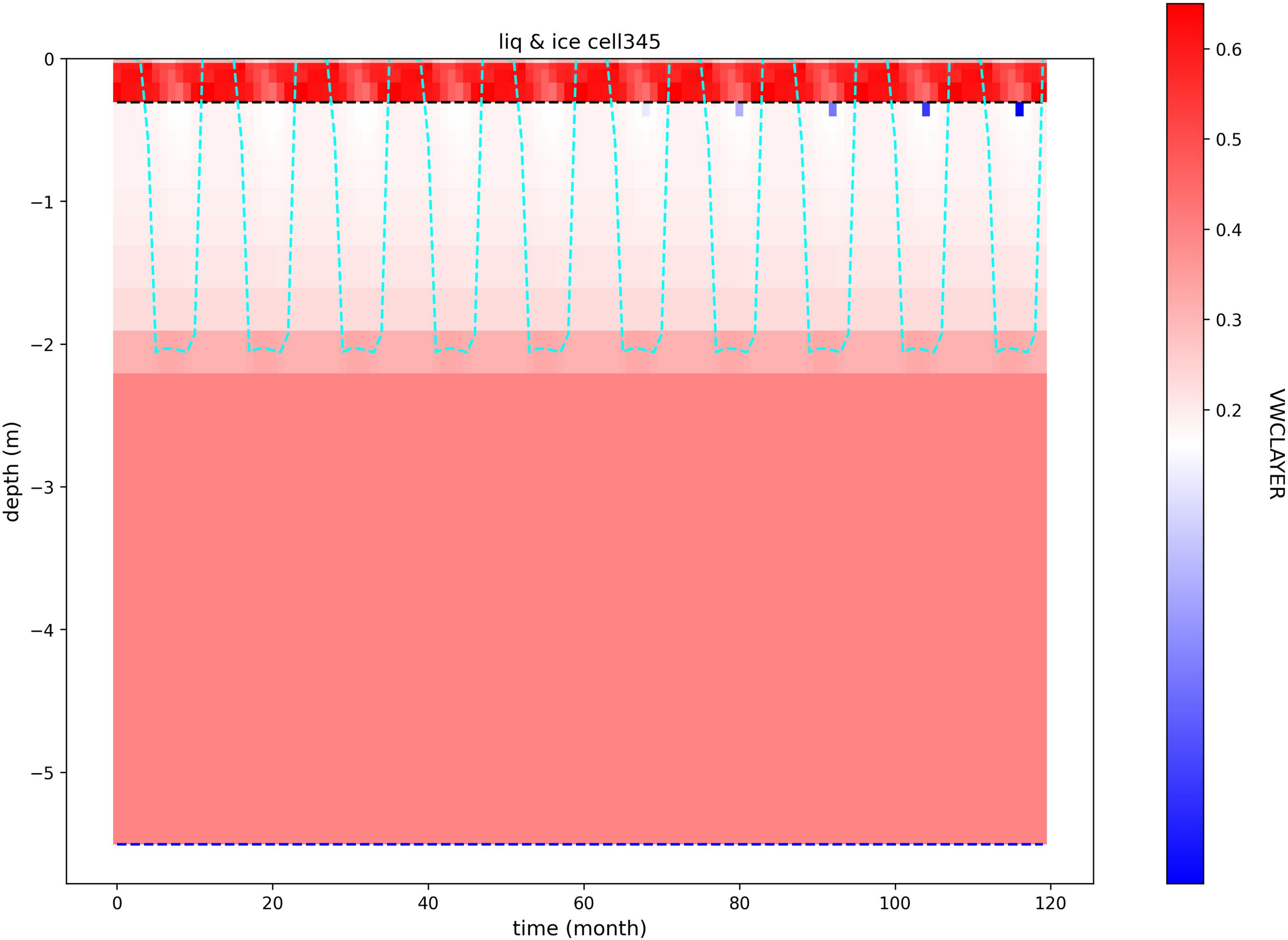
Environmental Seasonal Profile - past 10 yrs



Environmental Annual Profile



Environmental Seasonal Profile - past 10 yrs



EET Seasonal Pattern

liq & ice cell345

EET

0
20
40
60
80

2
4
6
8
10
12

Month

year

100
200
300
400

GPP Seasonal Pattern

liq & ice cell345

GPP

250
200
150
100
50
0

2
4
6
8
10
12

Month

year

400
300
200
100

LAI Seasonal Pattern

liq & ice cell345

LAI

4.5
4.0
3.5
3.0
2.5

2
4
6
8
10
12

Month

year

400
300
200
100

PET Seasonal Pattern

liq & ice cell345

PET

160
140
120
100
80
60
40

2
4
6
8
10
12

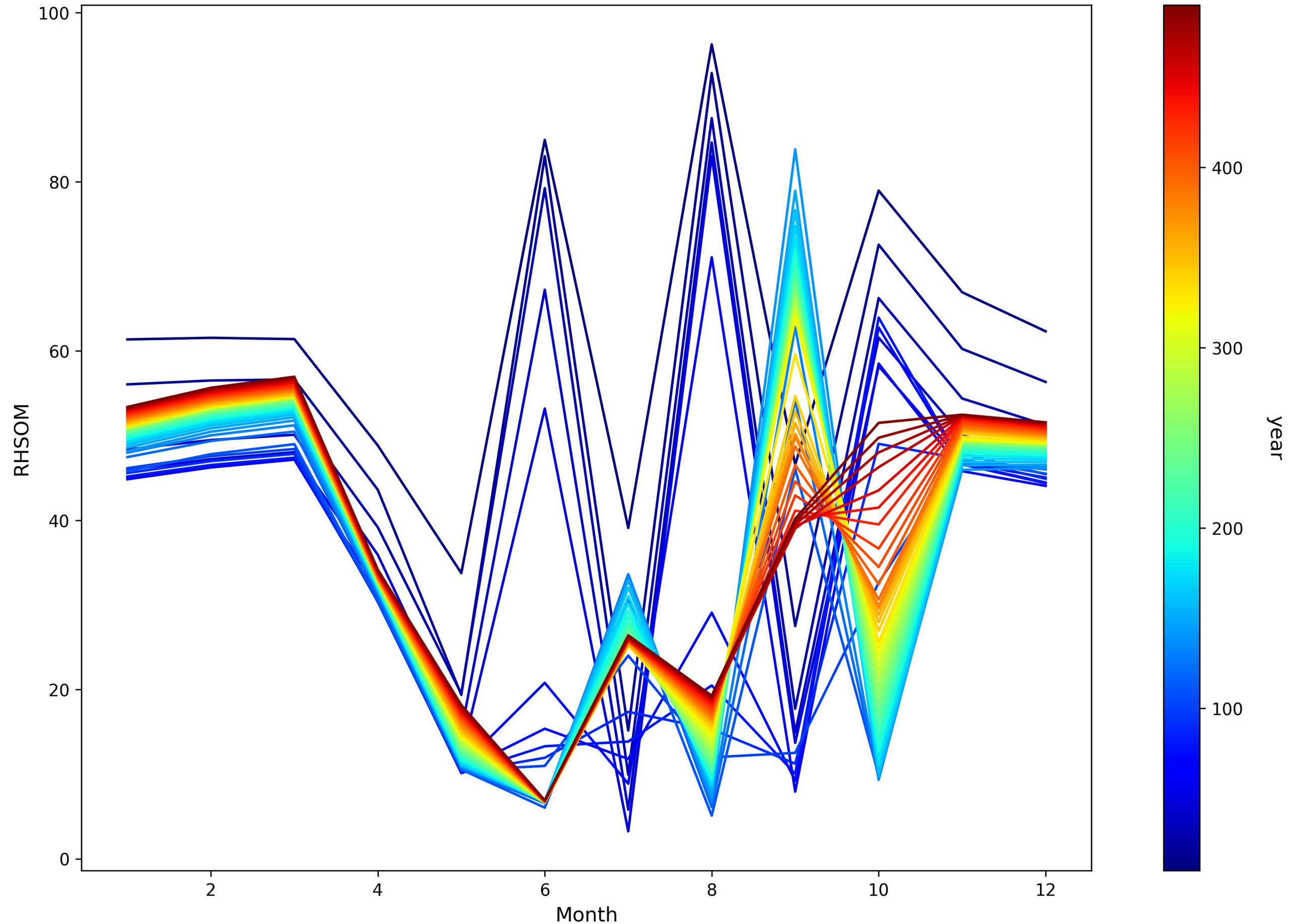
Month

year

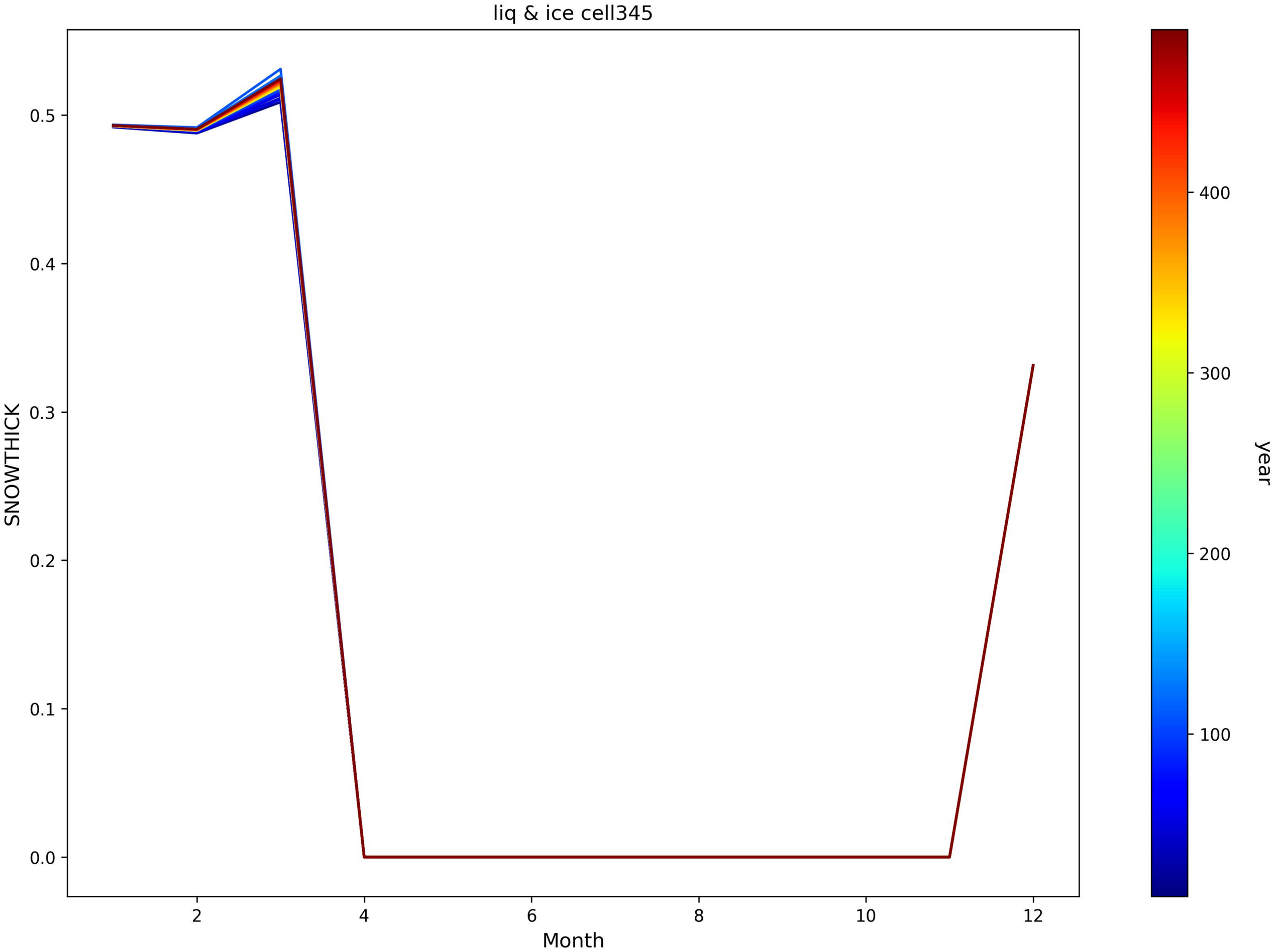
400
300
200
100

RHSOM Seasonal Pattern

liq & ice cell345



SNOWTHICK Seasonal Pattern



TRANSPIRATION Seasonal Pattern

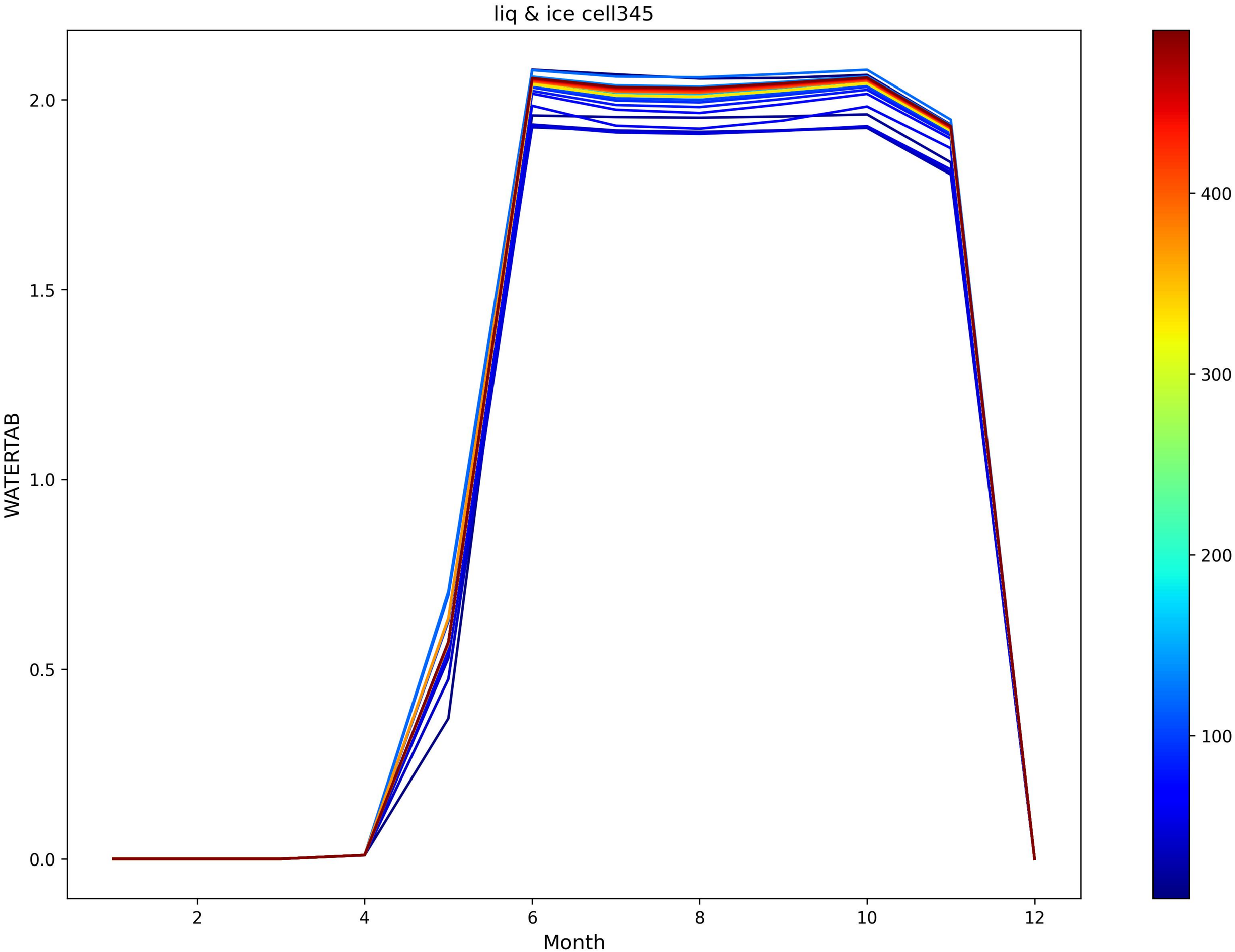
liq & ice cell345

TRANSPIRATION

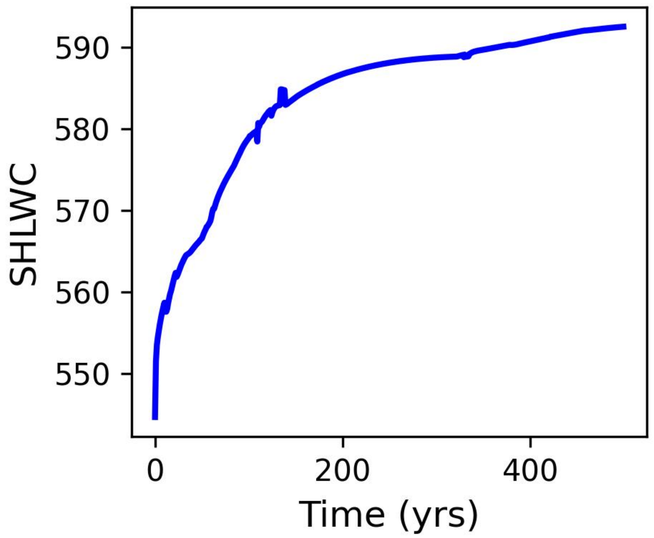
Month

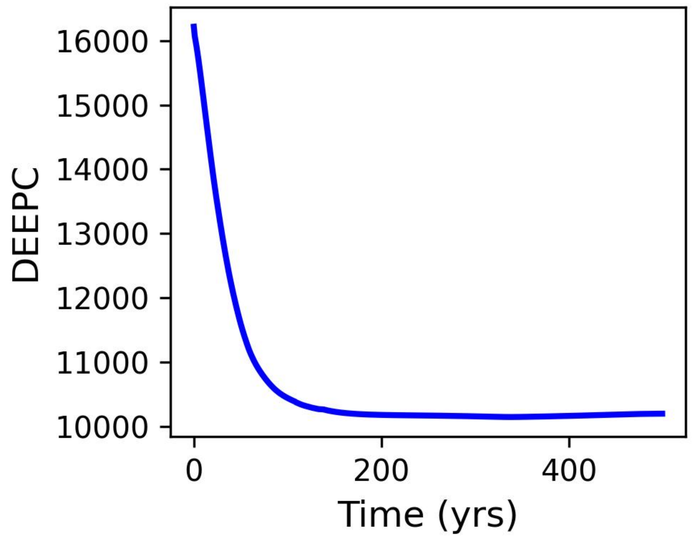
year

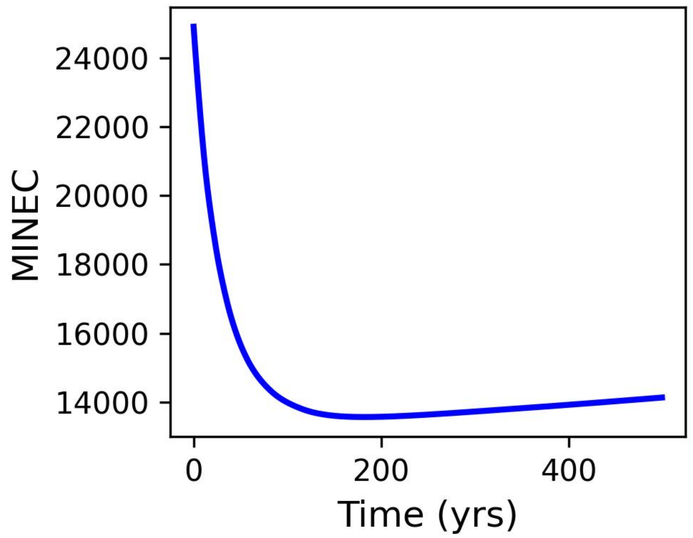
WATERTAB Seasonal Pattern

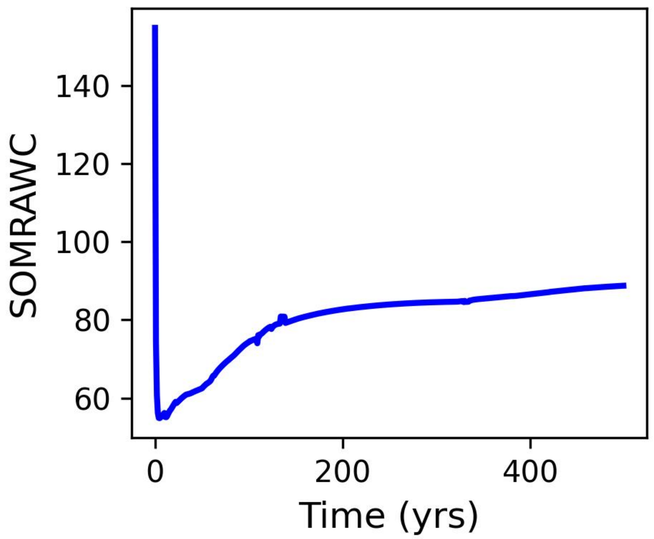


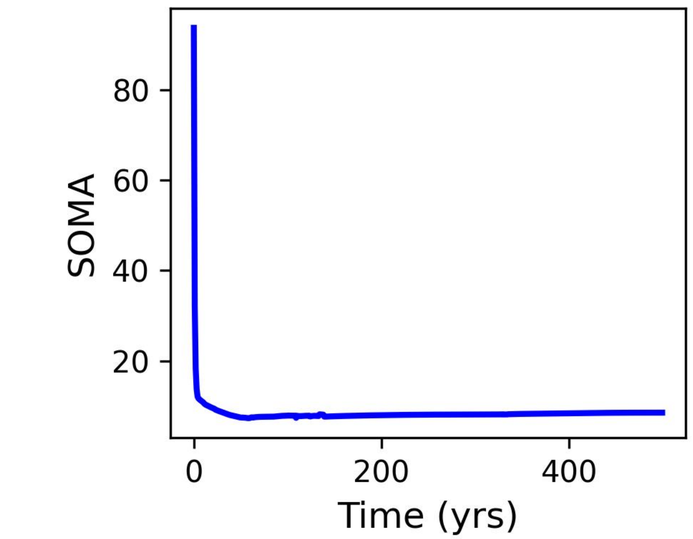
Yearly Carbon Stock Time Series

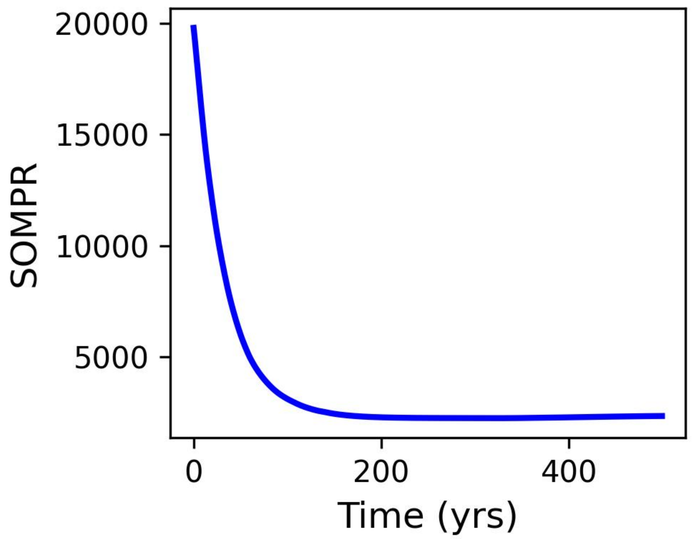


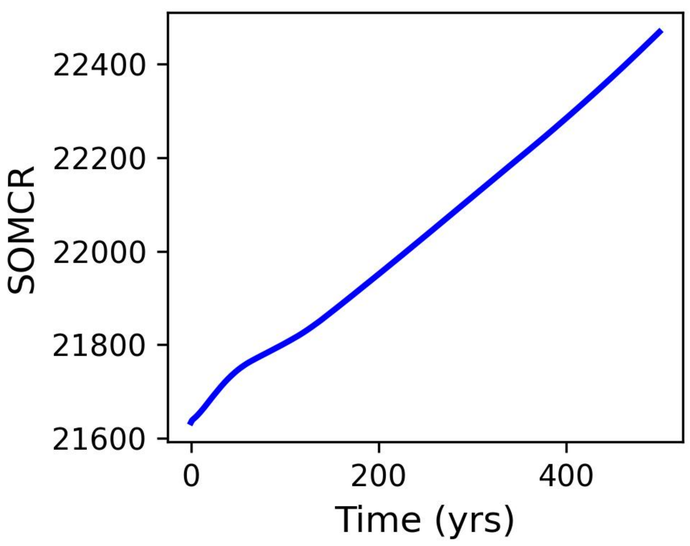


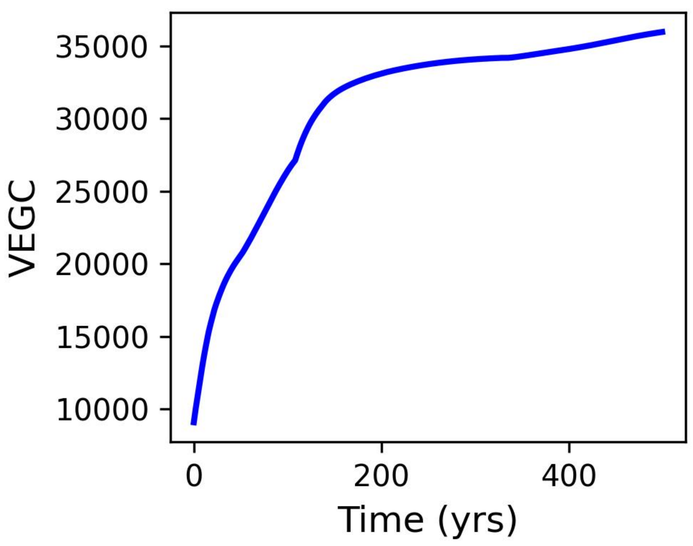




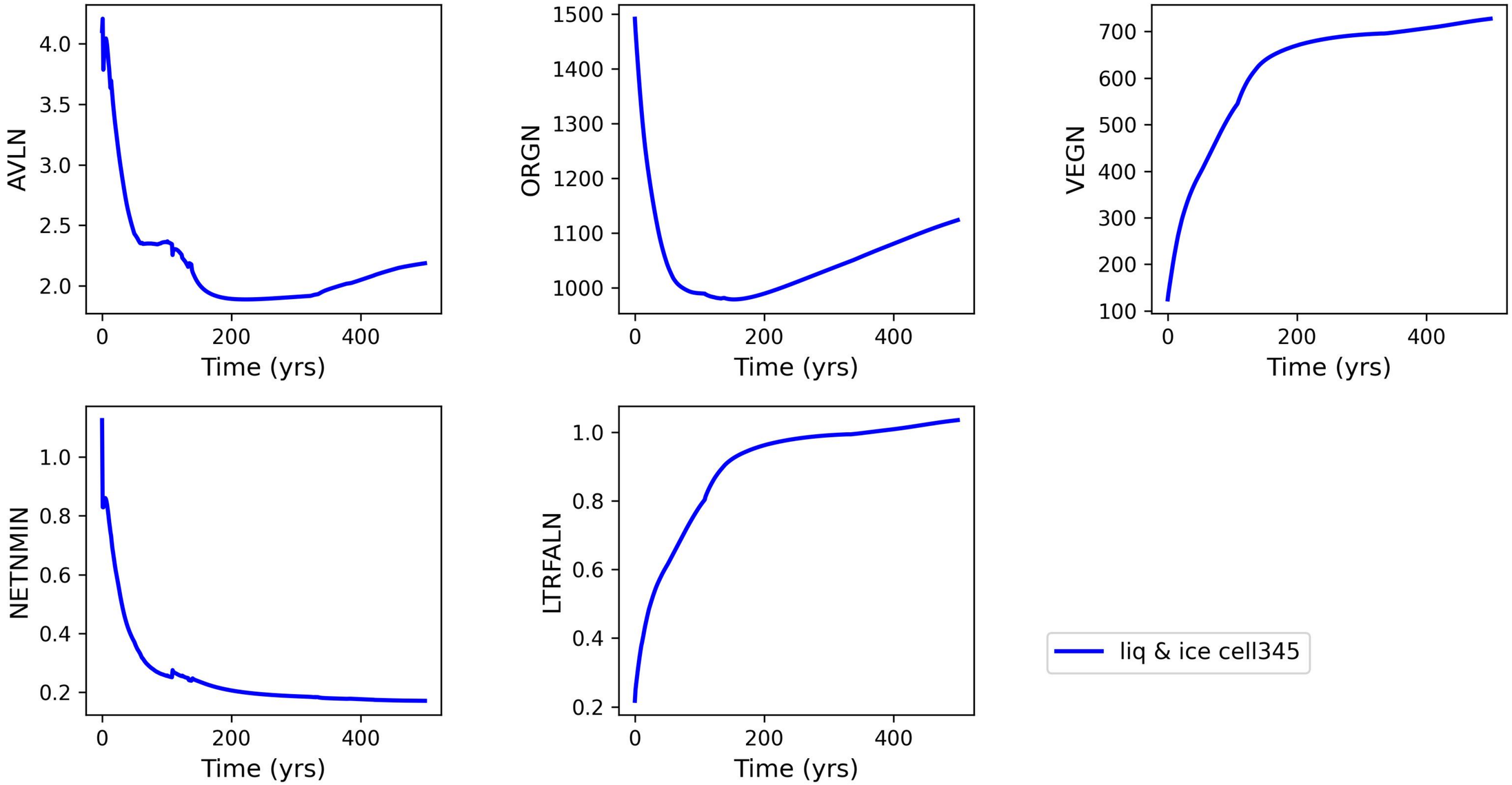




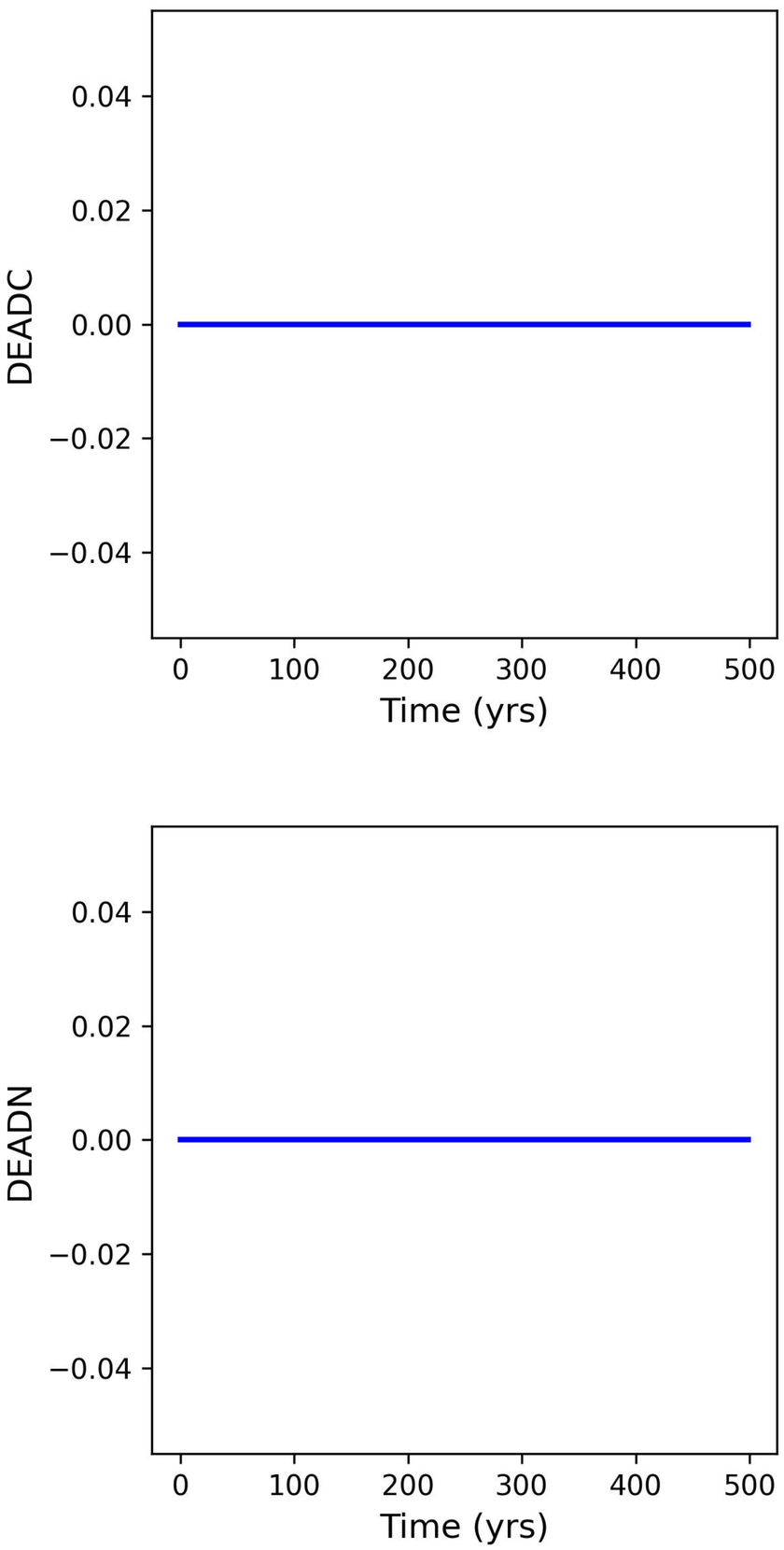


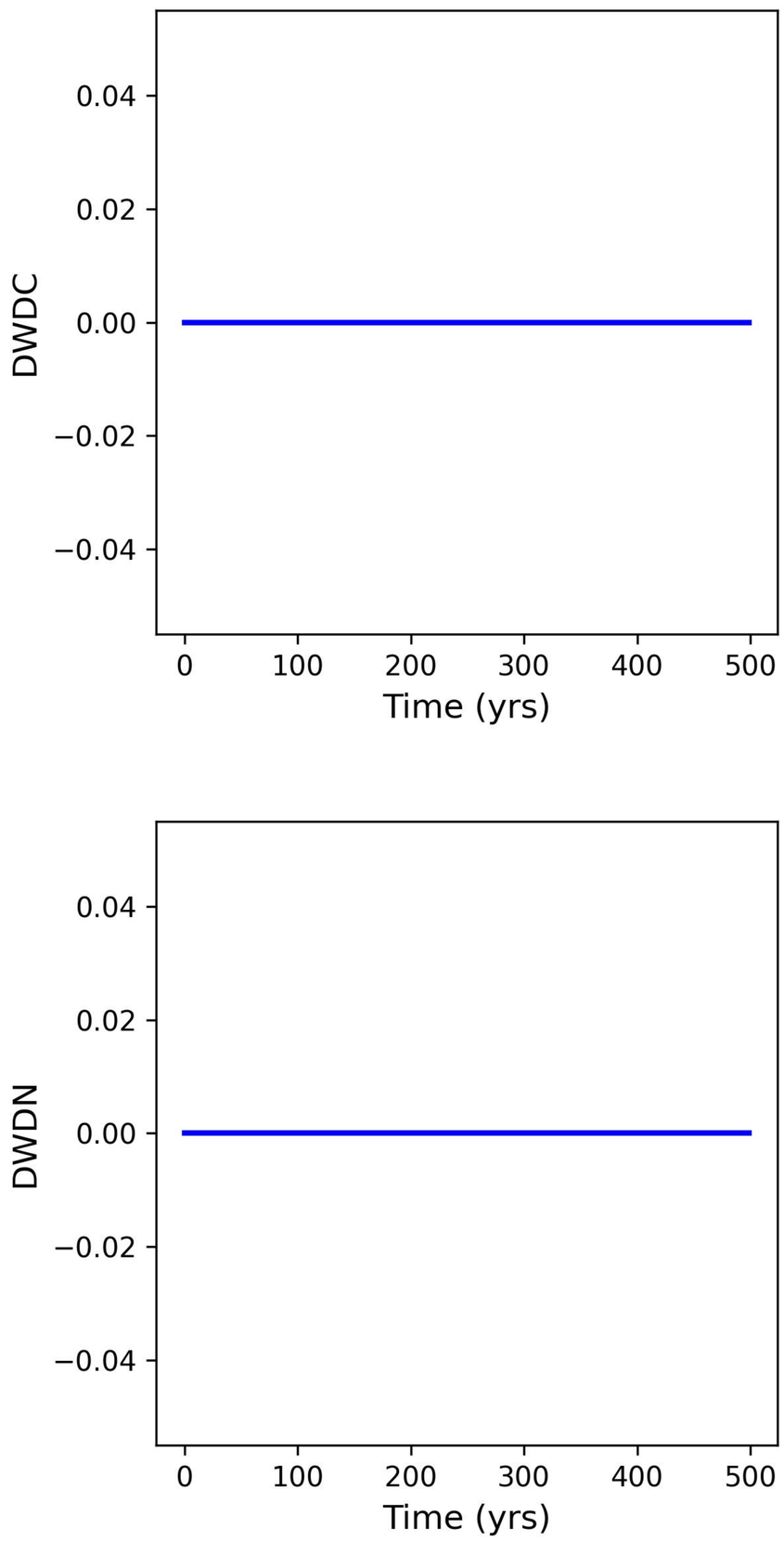


Yearly Nitrogen Stock Time Series

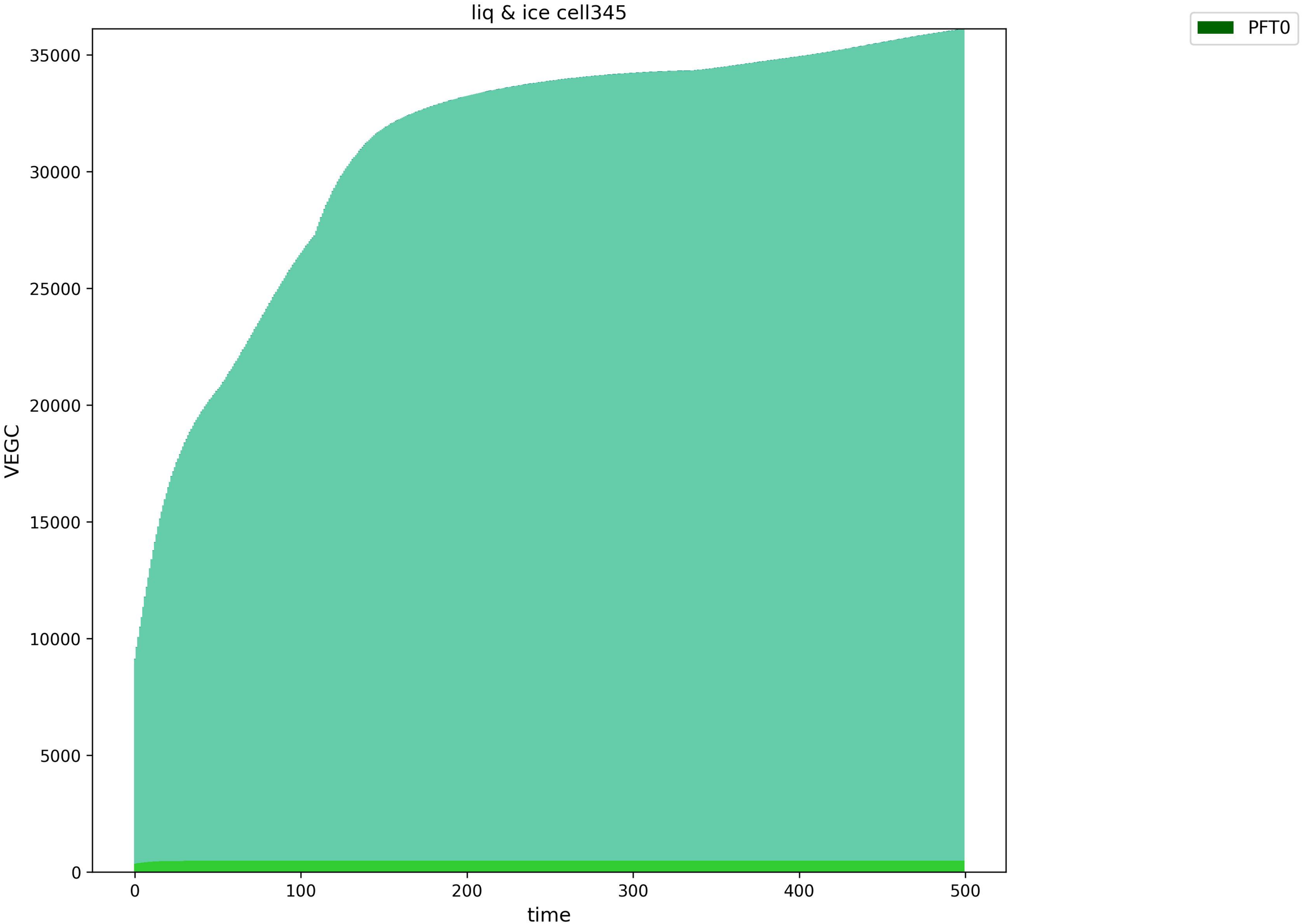


Yearly Burned C, N Stock in Time series





Vegetation dynamic (seasonal maximum)



Vegetation dynamic (seasonal maximum)