

A Fatal Flaw in Global Warming Science

presented at

Basic Science of a Changing Climate

Porto University

September 7, 2018

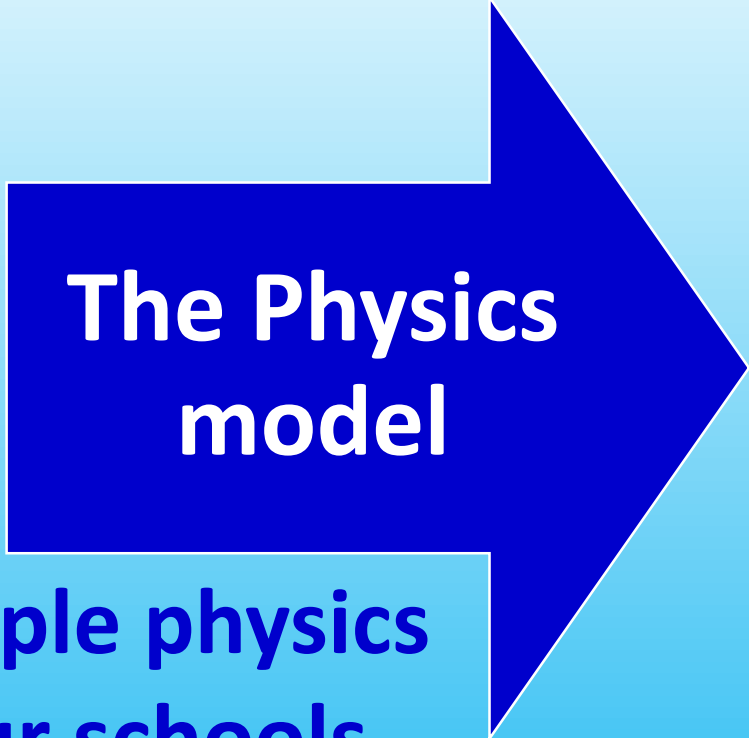
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Climate Shootout



**The Physics
model**

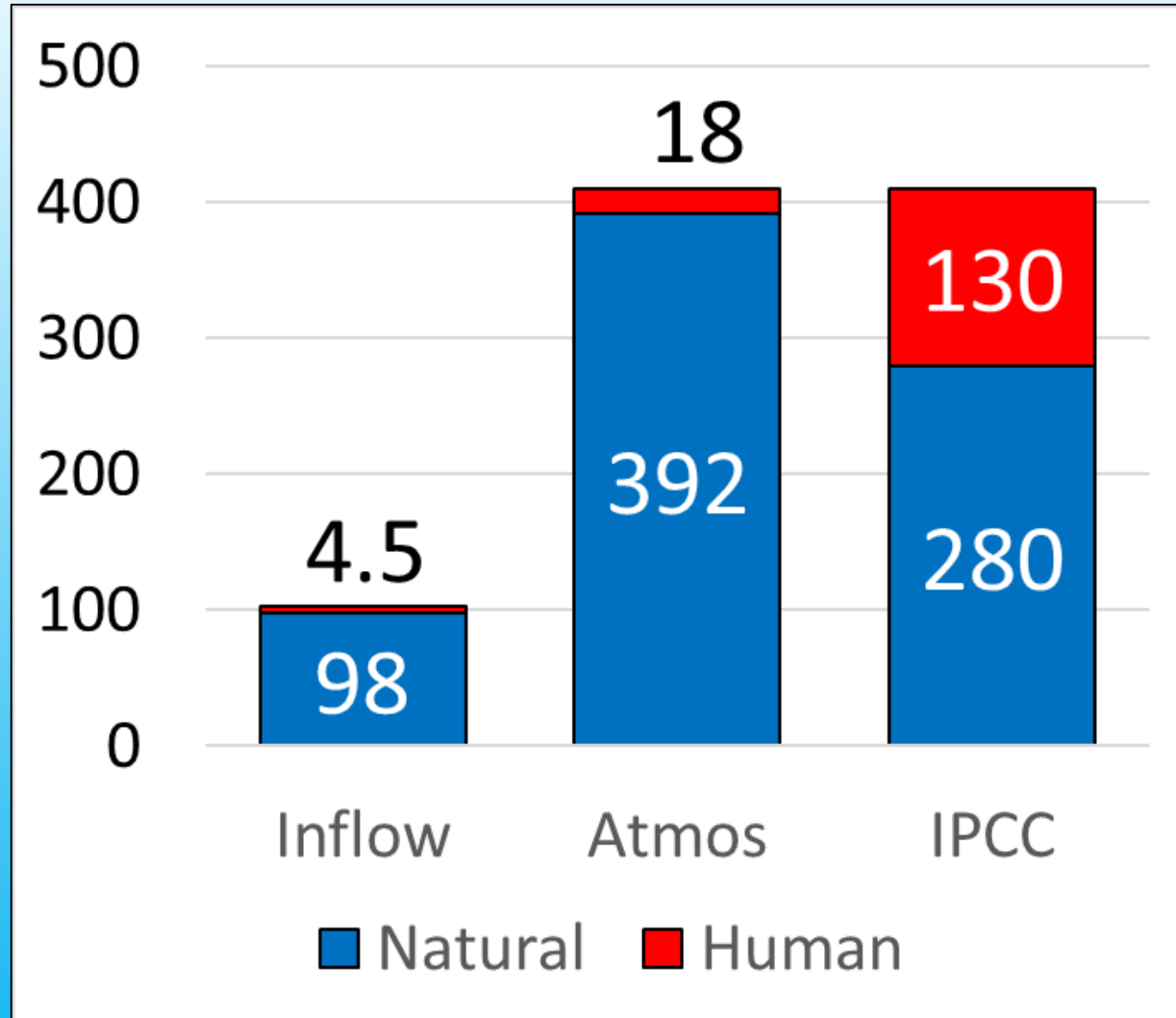
**Simple physics
our schools
should teach**



**The UN
IPCC model**

**UN Intergovernmental
Panel on Climate
Change**

The Problem Defined



Physics concludes
Inflow ratio sets
Atmosphere ratio
of Human to
Natural CO₂.
UN says Nature
stopped at 280, so
Human CO₂
caused all increase.

We will show ...

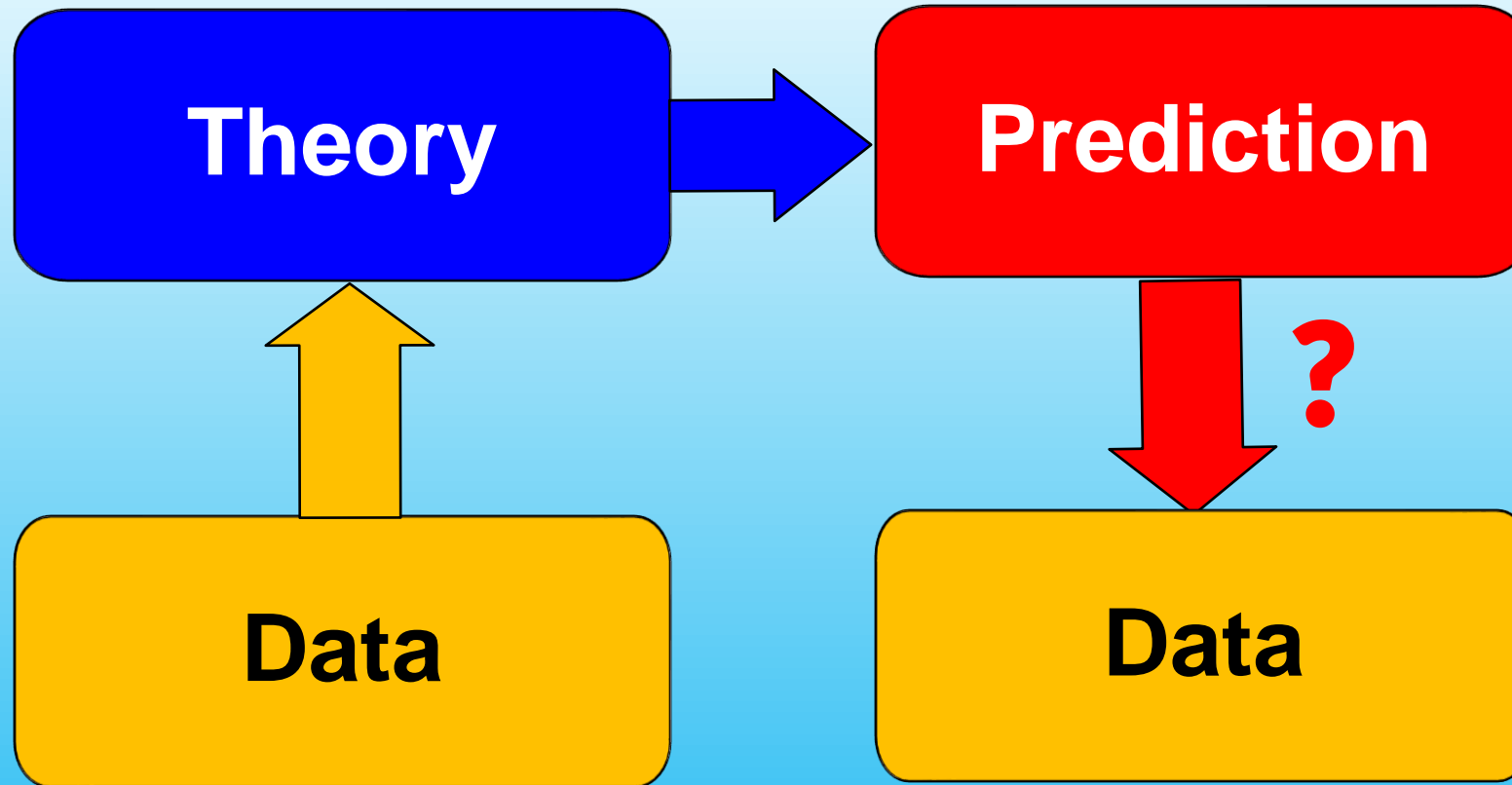
**The simple physics
model is accurate**

**The UN model fails
physics and logic**

**Inflow ratio sets
Atmosphere ratio**

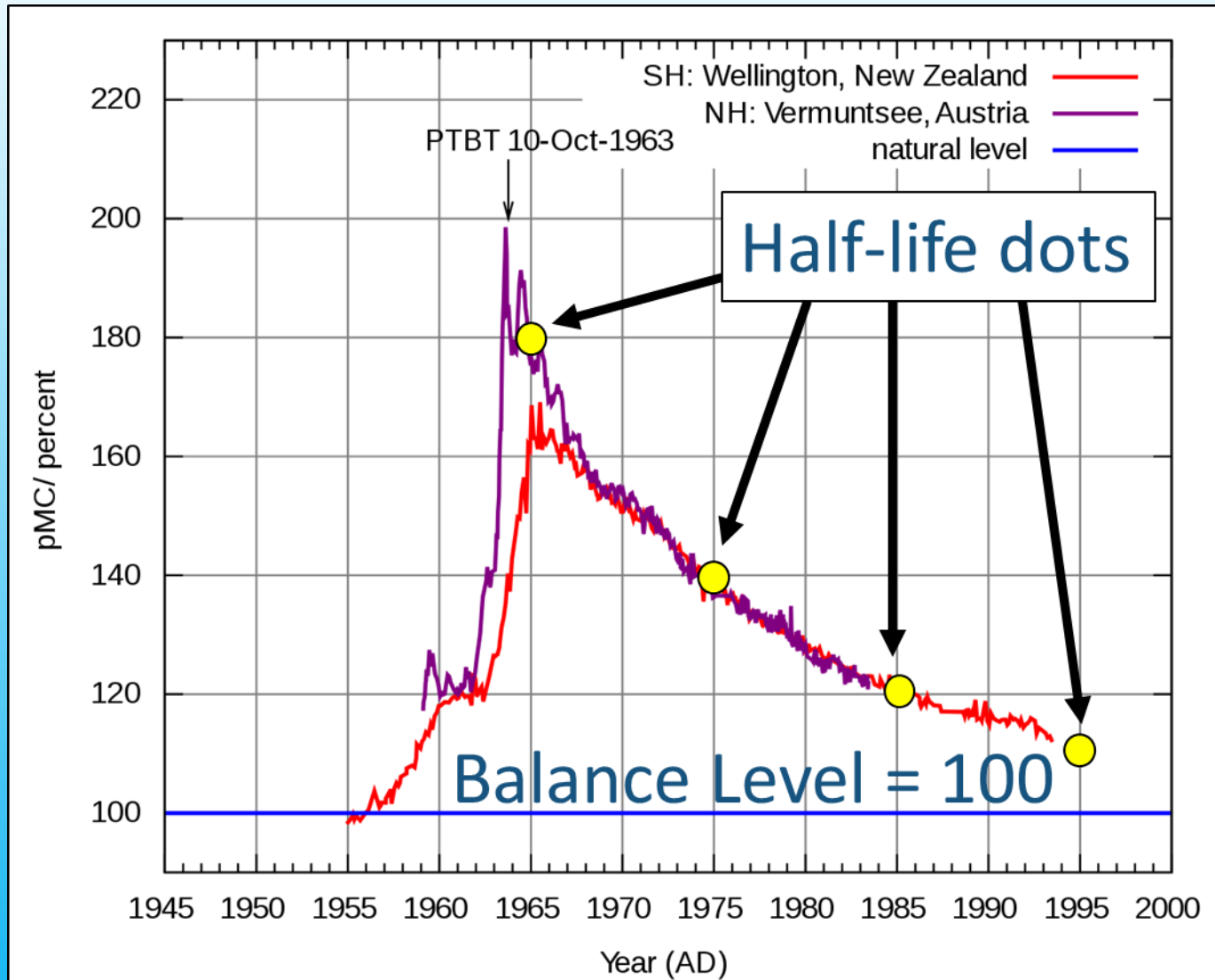
**Human CO₂ can't
change climate**

We follow the Scientific Method



If your Prediction is wrong, your Theory is wrong.

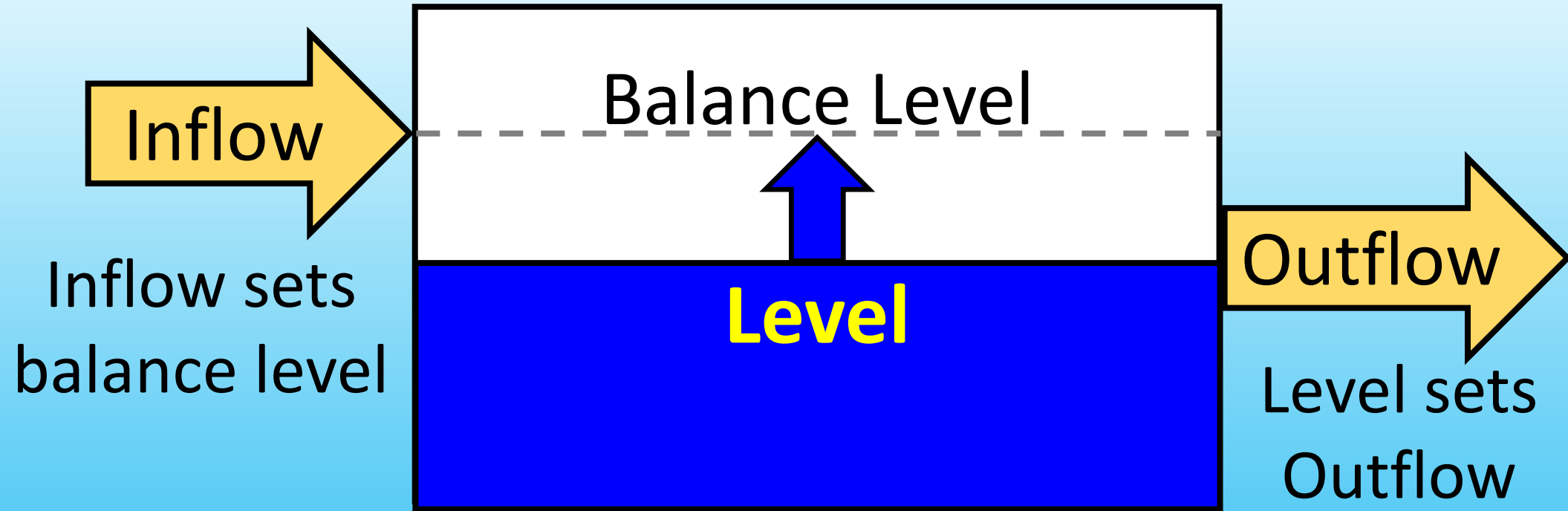
14C-CO2 data show constant half-life



Half-life (T_h)
= 10 years

Residence
Time (T_e)
= 14.4 years

Physics System for Atmospheric CO2



Applies to all
definitions of CO2

Physics theory: Outflow = Level / Te

$$dL/dt = \text{Inflow} - \text{Outflow} \quad (1)$$

$$dL/dt = \text{Inflow} - L / T_e \quad (2)$$

$$dL/dt = L_b / T_e - L / T_e \quad (3)$$

$$L(t) = L_b + (L_o - L_b) \exp (-t / T_e) \quad (4)$$

I acknowledge Herman Harde, Murry Salby, and others who contributed to this subject.

Physics theory conclusions

Balance level = Inflow * T_e :

$$L_{bh} = 4.6 \text{ (ppmv/year)} * 4 \text{ (years)} = 18 \text{ ppm} \quad (1)$$

$$L_{bn} = 98 \text{ (ppmv/year)} * 4 \text{ (years)} = 392 \text{ ppm} \quad (2)$$

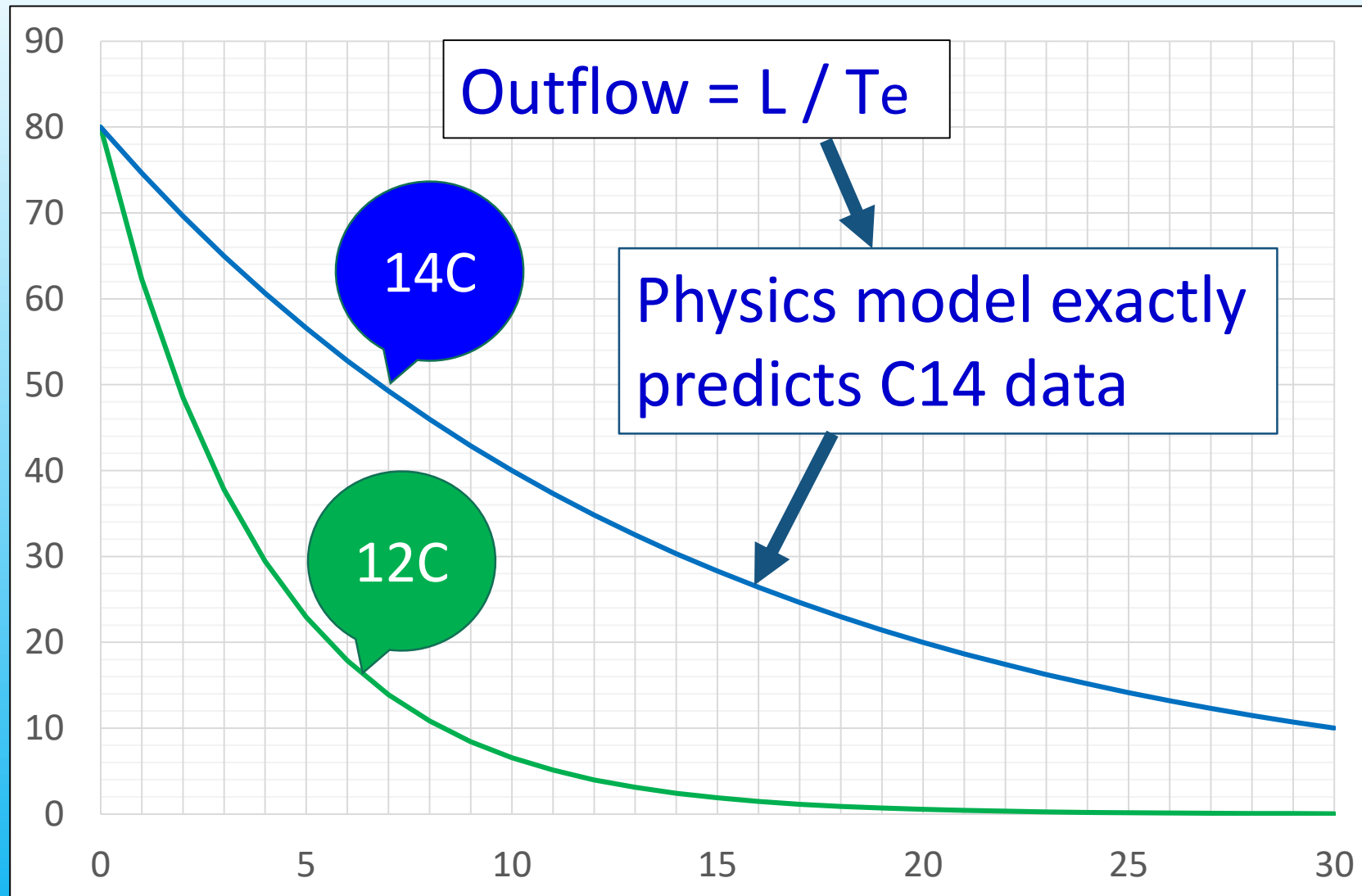
Inflow ratio sets Atmosphere ratio:

$$L_{bh} / L_{bn} = 4.6/98 = 18/392 = 0.046 \quad (3)$$

Surface temperature sets L_{bn} (Salby):

$$L_{bn} = 3.5 \text{ (ppmv/year K)} * T_s \text{ (K)} * T_e \quad (4)$$

Physics model exactly predicts 14C data



Critical point:
Physics model can restart at any point and continue the same line

Physics Model Summary

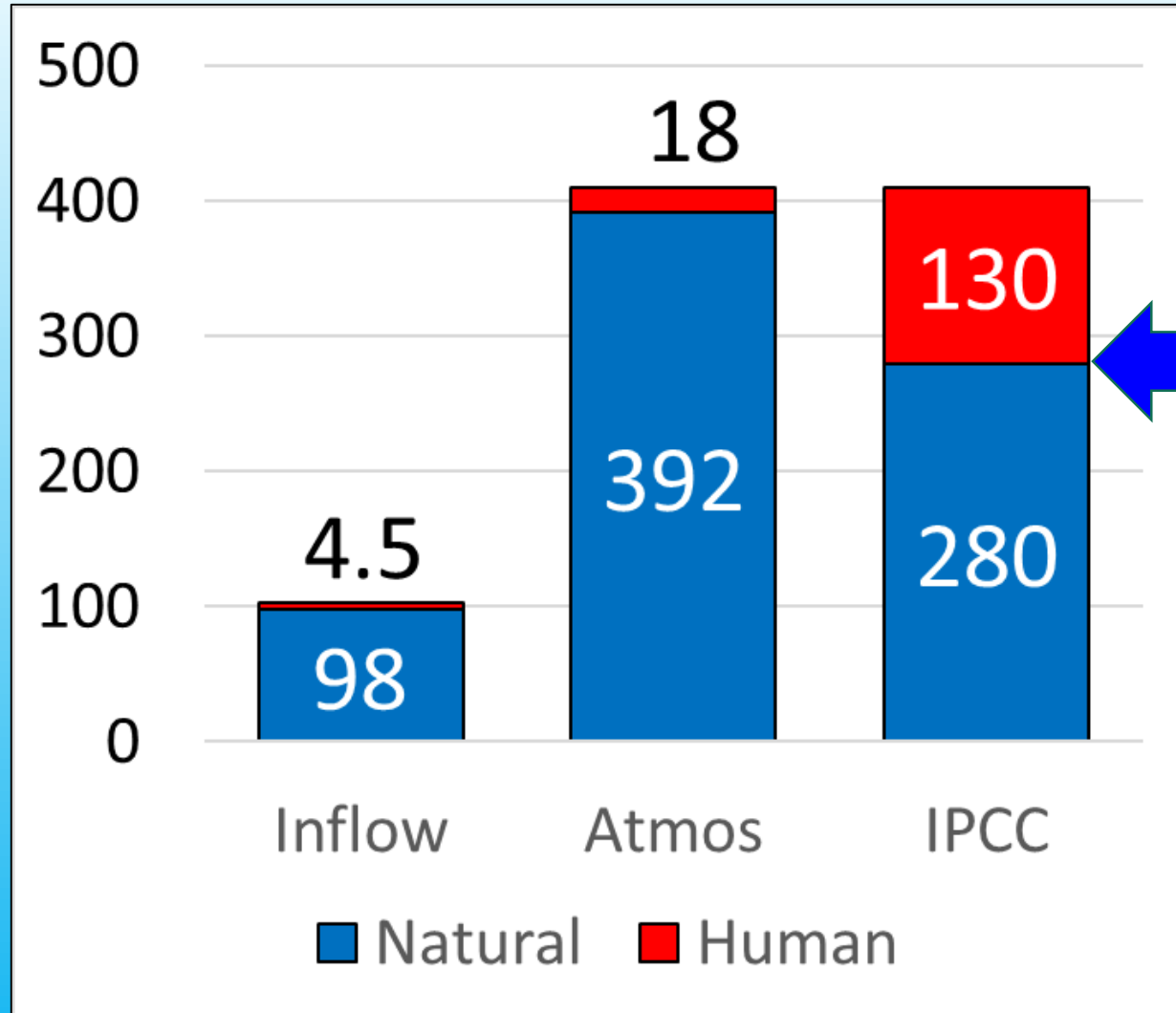
**One simple idea:
Outflow = L / T_e**

**Exactly computes
14C-CO2 data**

**+ Inflow ratio sets
Atmosphere ratio**

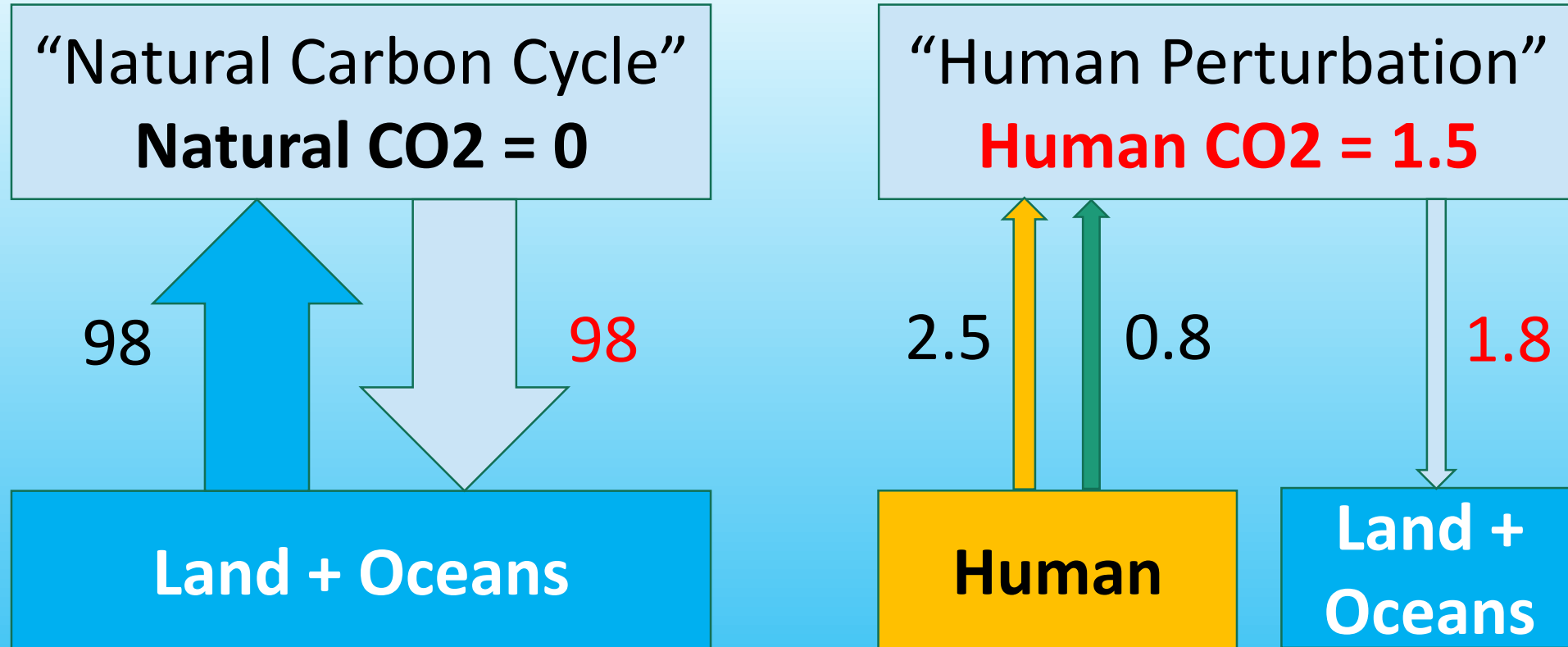
**+ Human CO2 can't
change climate**

Physics shows Inflow sets Atmosphere ratio



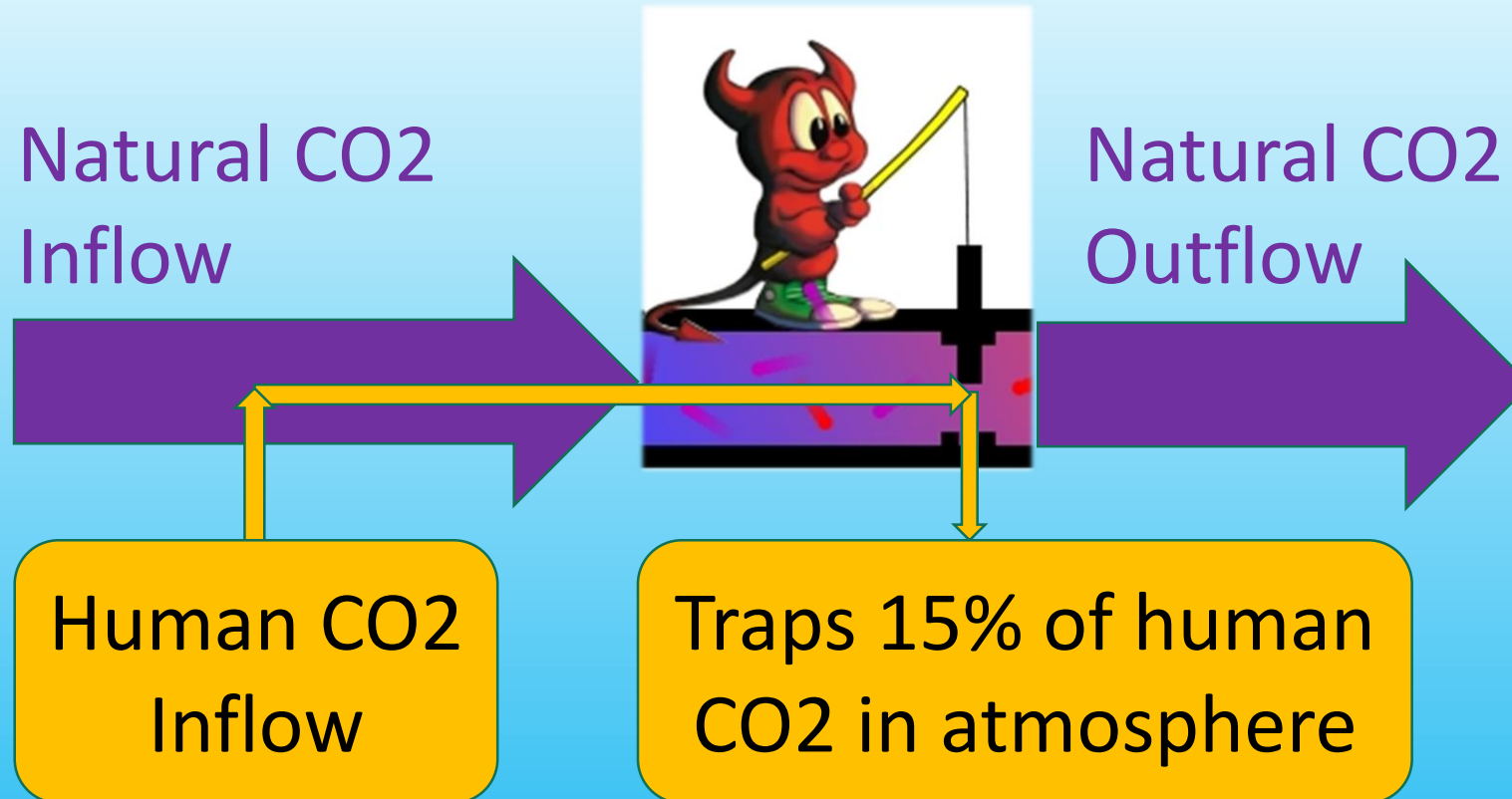
UN must use Physics model to explain how nature stays at 280, while human CO2 adds CO2 to atmosphere.

UN theory **assumes** nature good, **human** bad



UN theory treats natural and human CO2 differently

UN uses demon to trap human CO2 and violate Equivalence Principle

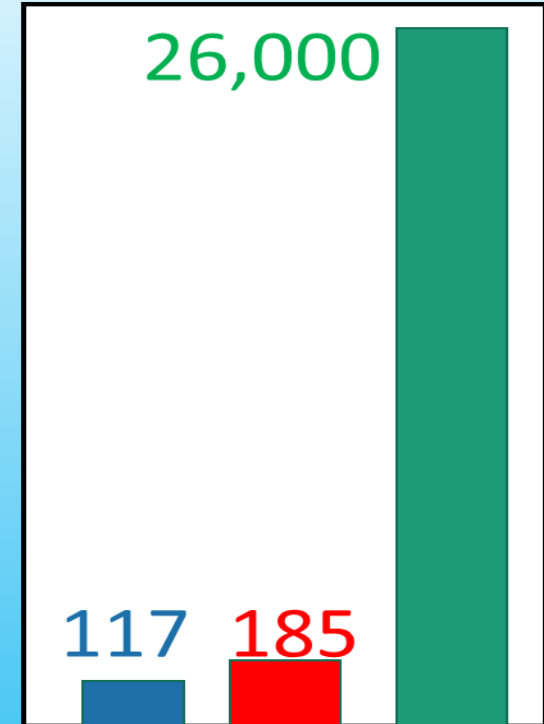


UN theory core argument fails logic

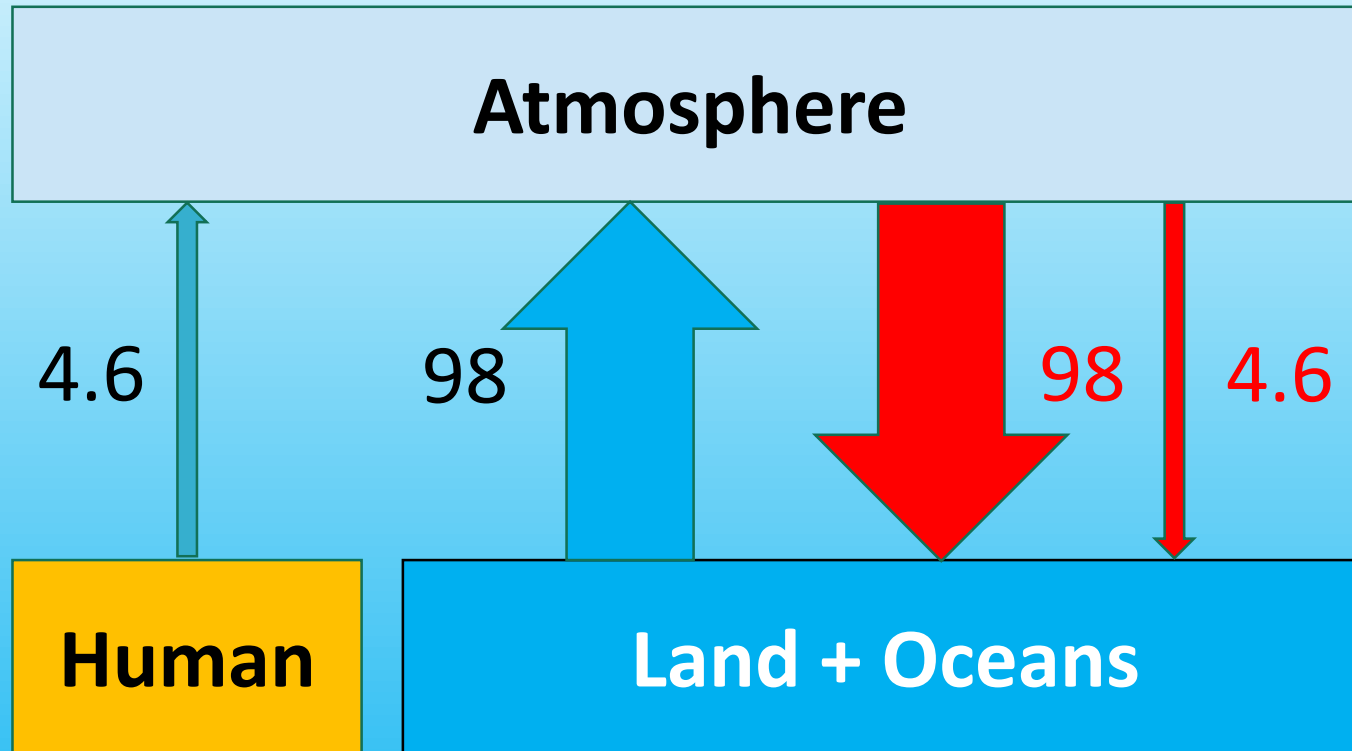
UN says, from 1750 to 2013:

1. Human CO2 emissions totaled 185
2. Atmospheric CO2 increased 117
3. *So, human CO2 caused ALL CO2 increase above 280, the level in 1750*

Natural CO2 emissions totaled 26,000

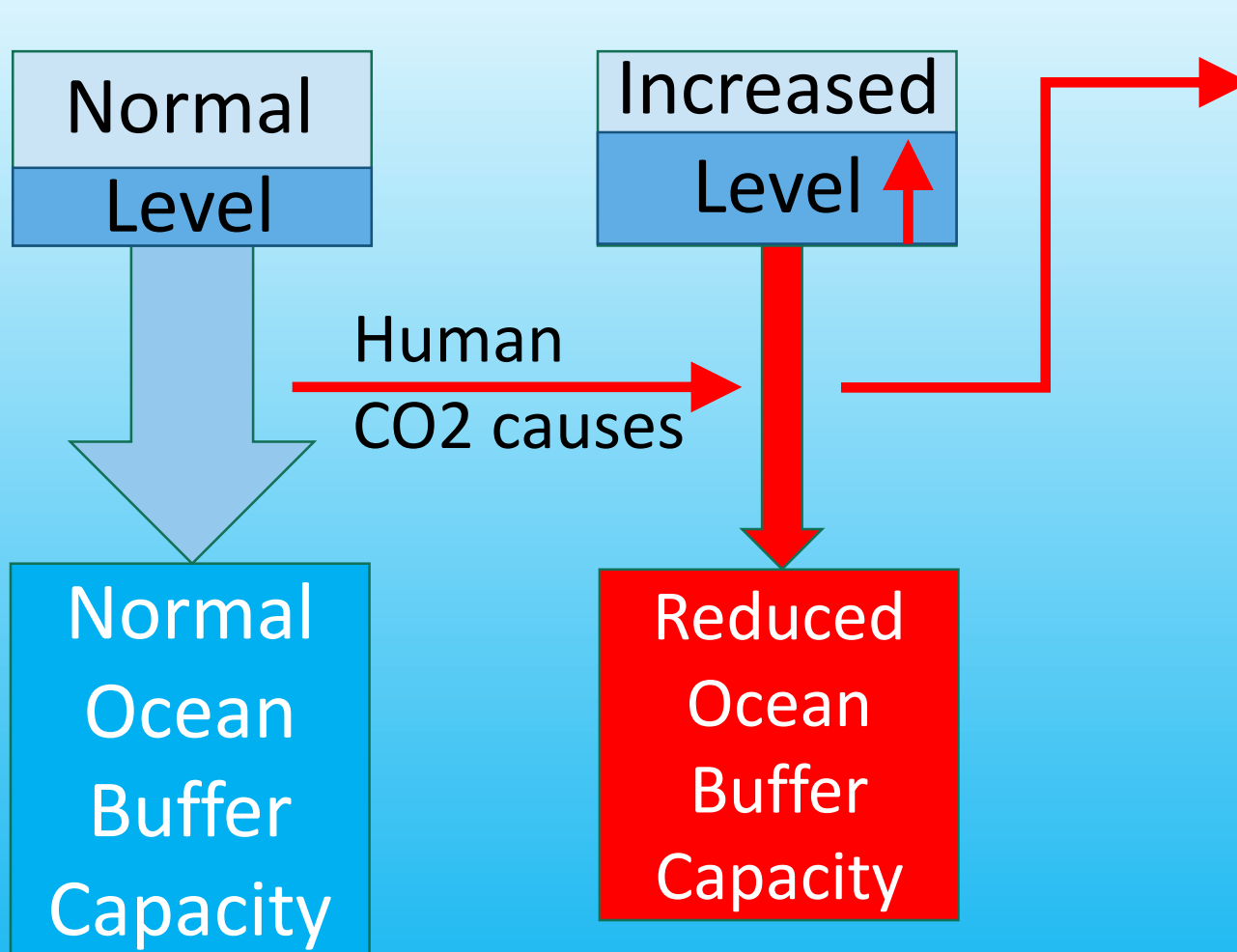


UN claims, since nature absorbs human CO₂, it can't increase natural CO₂



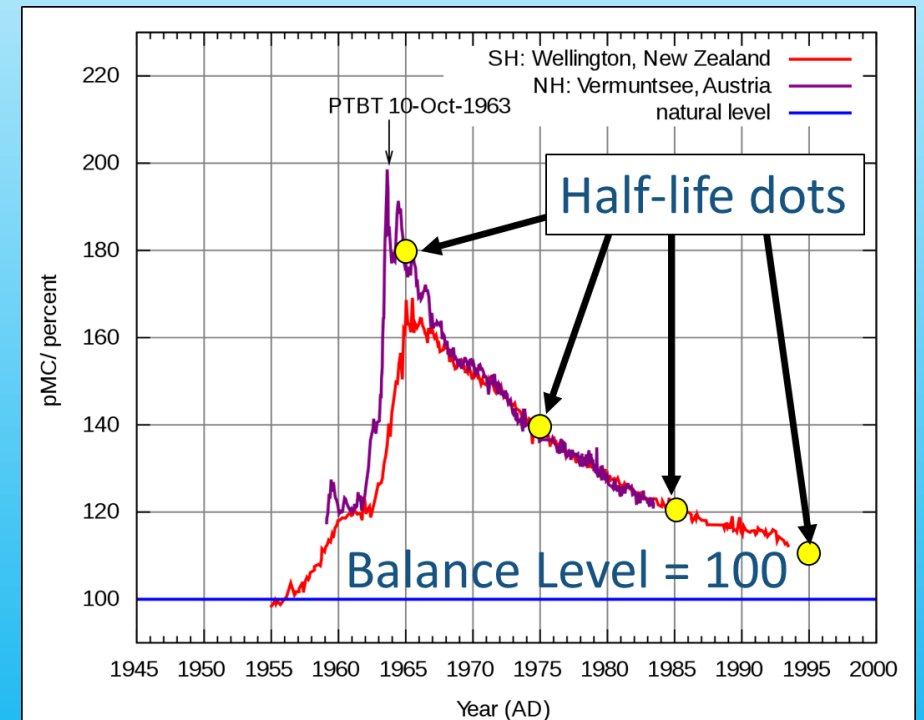
But human outflow of 4.6 cannot restrict nature's inflow to 98

UN claims **human** CO2 reduces “buffer capacity of carbonate system”



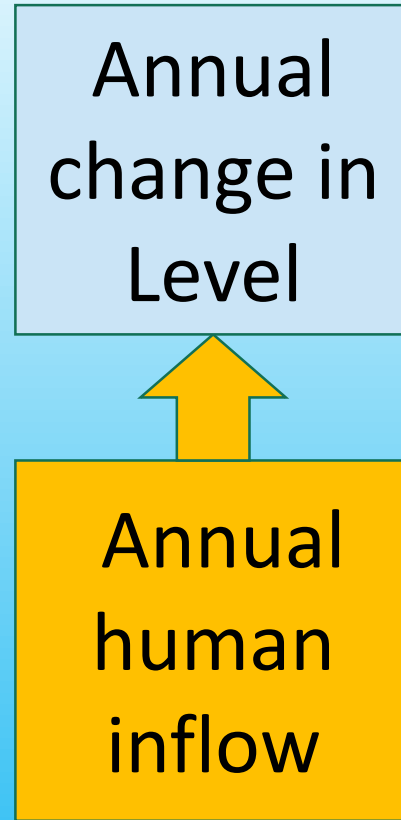
$Te = Level / Outflow$ ↑

UN claim conflicts with:



UN theory fails correlation test

UN claims
annual human
inflow causes
annual change
in CO2 level



Munshi (2017)
statistics show
correlation of
annual human
inflow with CO2
level is ZERO.
So, no cause-effect

Bern model reveals math for UN theory

Where's the UN core math?

UN theory

**Climate
models**

Bern model

UN core math does not exist

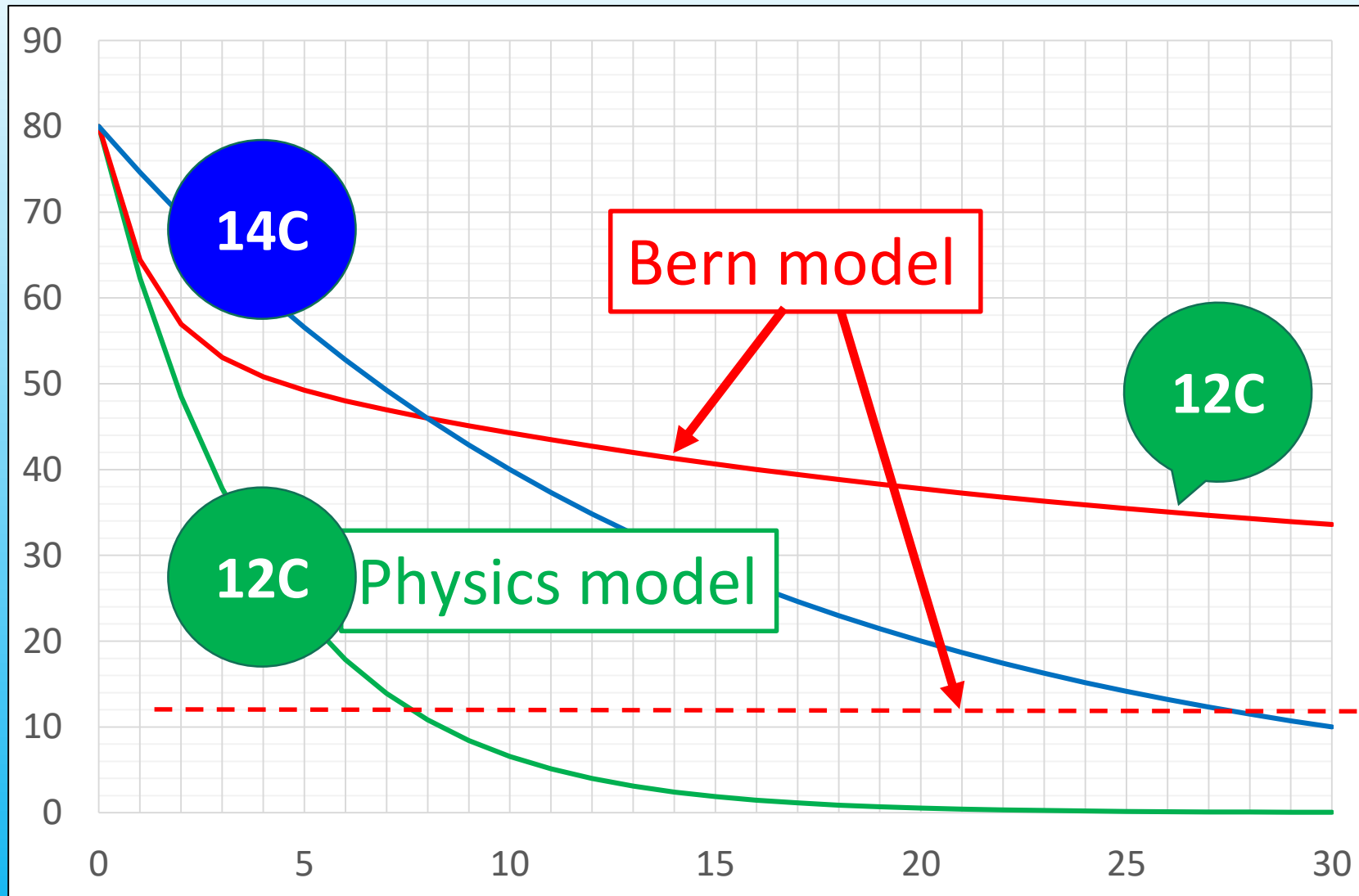
Bern model shows UN climate models trap 15% of **human** CO2

$$L(t) = L_0 \left[\begin{aligned} &+ 0.150 \\ &+ 0.252 \exp(-t / 173) \\ &+ 0.279 \exp(-t / 18.5) \\ &+ 0.319 \exp(-t / 1.19) \end{aligned} \right]$$

For natural inflow, the Bern model predicts:

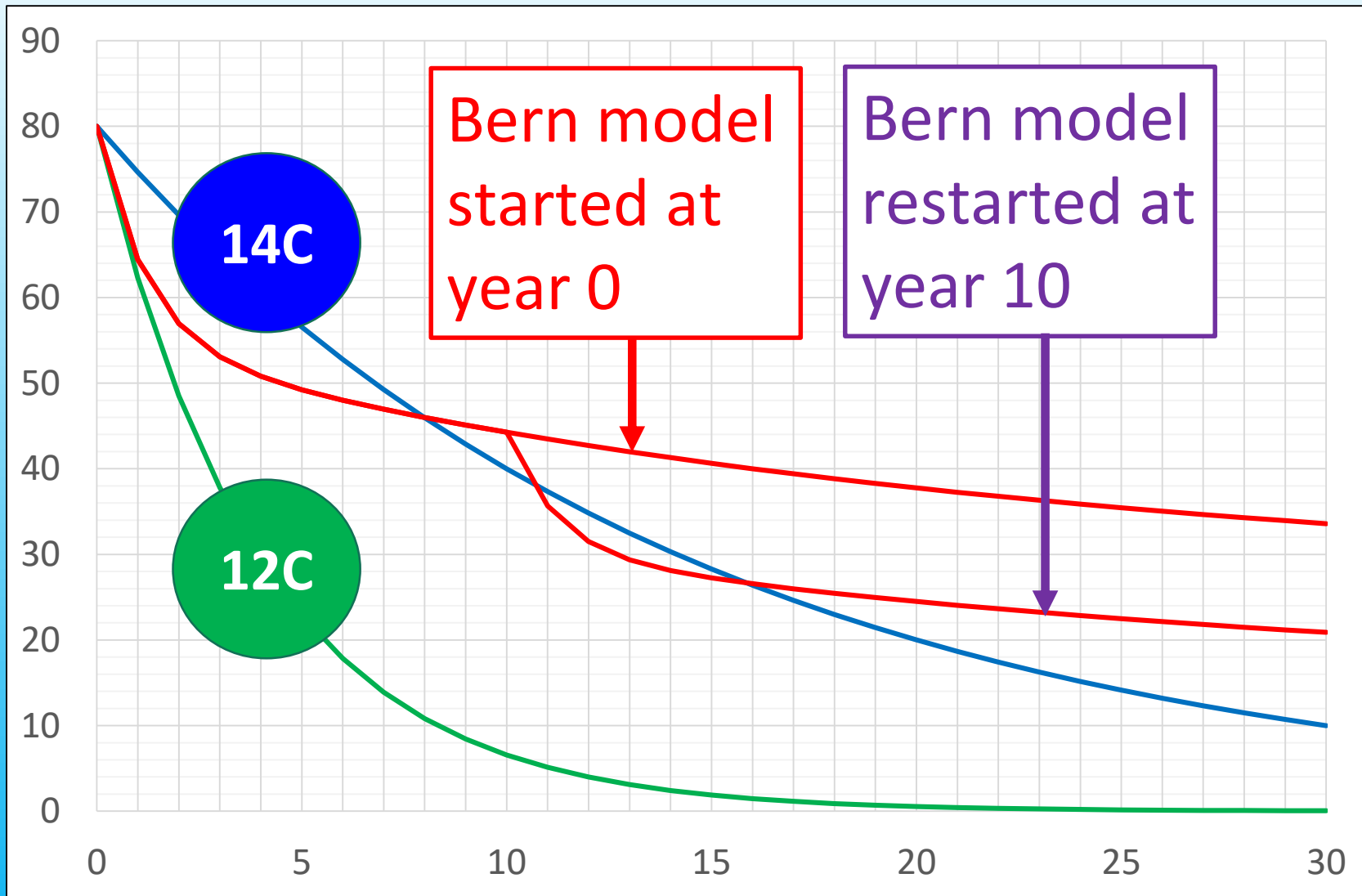
$$0.15 * 100 \text{ ppm/year} * 1000 \text{ years} = 15,000 \text{ ppm}$$

Bern model can't simulate 14C data



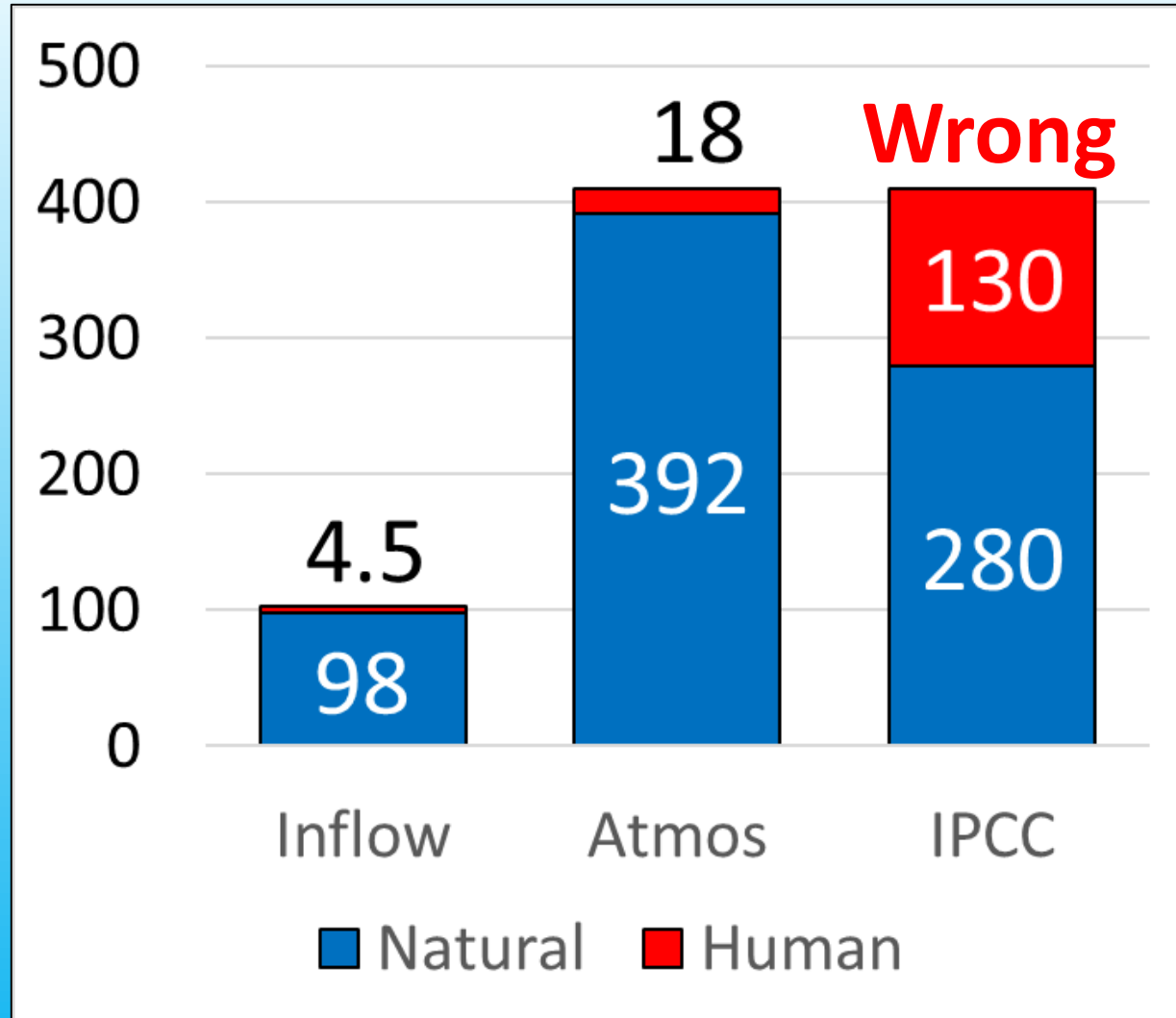
Bern
crosses
14C line.
So, UN
theory is
wrong!

Bern model flunks physics



Bern model depends on history. So, UN theory is wrong.

UN climate theory fails science



UN can't defend its claim that nature stayed at 280 while human CO2 caused all the increase in atmospheric CO2.

UN theory is dead in the water

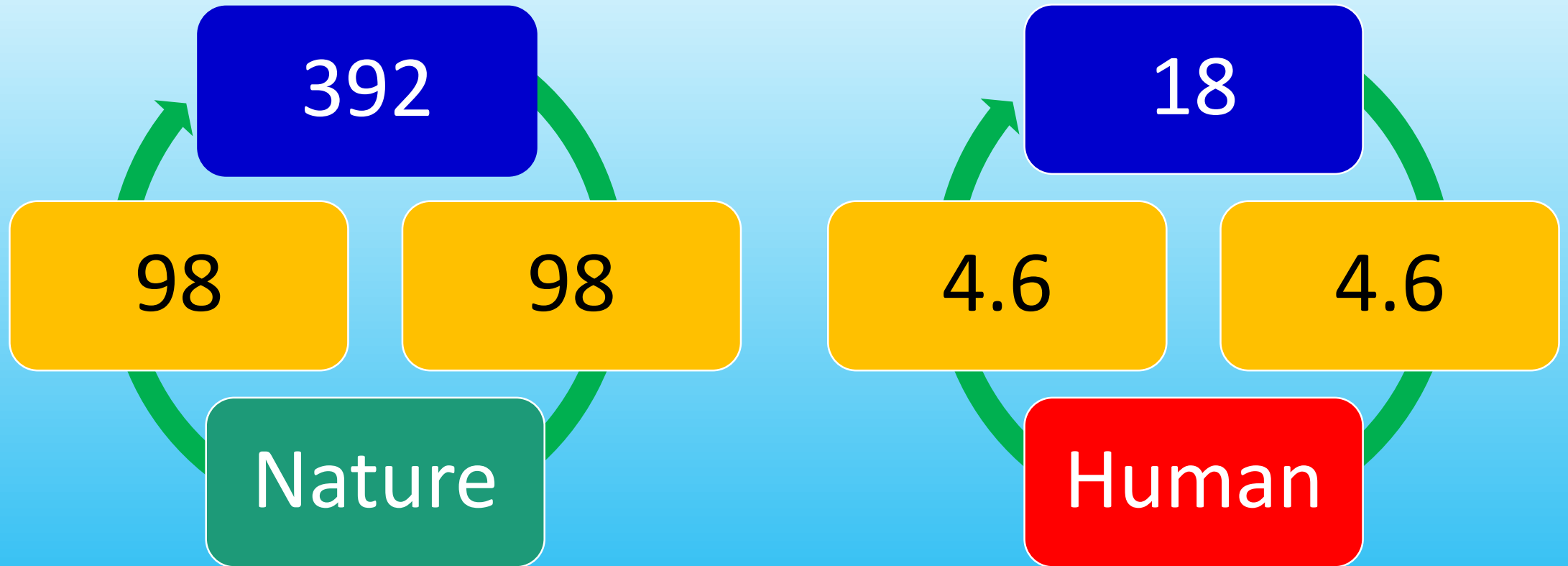
**No defined system
and no core math**

**Arguments violate
physics and logic**

**Can't predict
14C-CO2 data**

**Invalid prediction
that uses history**

Natural and human CO2 set balance levels



Conclusions

The simple physics model is accurate

+ Inflow ratio sets Atmosphere ratio

The UN model fails physics and logic

+ Human CO₂ can't change climate