

HALF LIFE

HALF TRUTH

Independent Science News
Auckland, N. Z.

Produced for lollo.org.nz

09/07/2024.

CDK 28

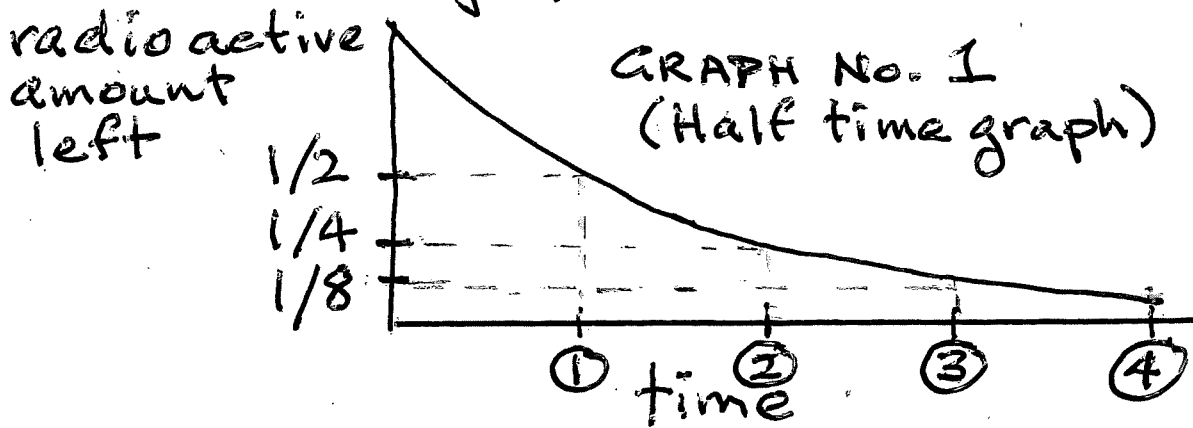
HALF LIFE HALF TRUTH

HALF LIVES

09/07/2024

Ever been told only half the truth? to mislead you away from what is actually going on? The half lives/half times of radioactive decay are a half truth.

You are shown this graph below, and told that this is the graph of radioactive decay.



- You are told that...
- In time 1, half of the substance decays away.
- In time 2, half of the remainder decays away. (a quarter left)
- In time 3 a half of that quarter decays away (one eighth left)
- At time 4, a sixteenth left. And so on.

DECAY RATES

Now, of course, no one has measured the purported millions and billions of years that some substance's half time graphs are supposed to represent.

What is measured is today's decay rate of the substance. So many atoms

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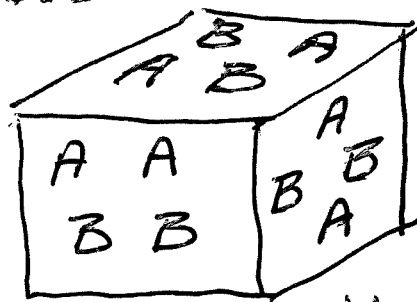
decaying away, per million or billion or zillion atoms, per year.

Then, by a cunning bit of mathematical conjuring, the millions or billions or zillions of atoms under consideration are changed into millions or billions or zillions of years! and are called a half time.

EXPERIMENTS ON HALFTIMES

To be fair, the half time graph and the half time concept are very nearly true for laboratory bench experiments on short lived radioactive substances.

Take a theoretical substance A, which decays to substance B in a "half time" of a week...



After one week, the A's are masked by B's and are only half exposed to FORCE F. So in the second week, only half as many A's will become B's.

That is, only one quarter of the A's will decay. And so on, week by week.

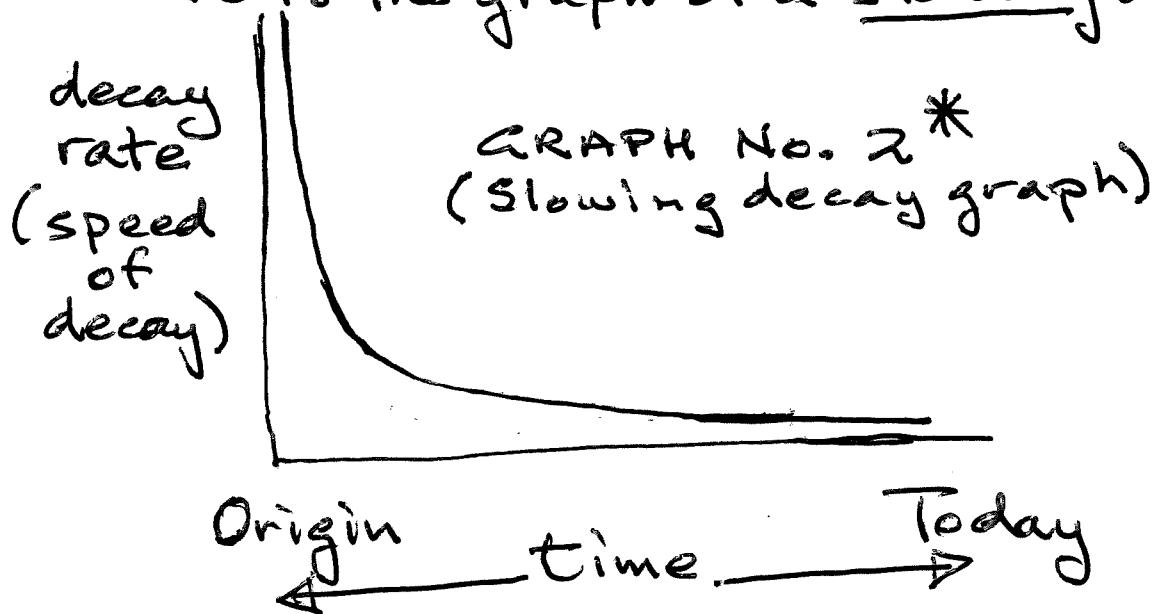
And this is very nearly perfectly true, except for a tiny slowing of the rate of decay over the time of the experiments.

This has always been noticed, but has been shrugged off as being unimportant to the greater concept of the half-time and graph No. 1.

However...

A SLOWING DECAY RATE.

Here is the graph of a slowing decay rate,



You see that Today the decay rate is slow, and the slope of the graph quite flat. There is a slow decay rate, and it is itself slowing slightly as time passes.

Back towards the Origin, or START to radiodecay, the speed of 'decay' is much faster, and cannot be properly represented on a graph - the graph can not be made tall enough on paper. The initial speed of decay was very, very

* (It is of the form, y equals one upon two times the square root of x)

fast, but, thankfully, it also slowed rapidly.

Back beyond the Origin there was, of course, no radiodecay.

A QUESTION OF TIME

Time. How long has it been since the Origin?

Early lollo.org.nz investigation in 2006 placed the Origin as happening 6224 years previously.

Today, 2024 A.D., 6242 years have elapsed since the start of radiodecay.

RADIO DECAY WORK DONE

A point of interest here. The area under the decay graph No. 2 represents "decay work done". The area is measured by "x to the power one point five, all upon one point five." (Don't Panic!)

If you divide "one point five" by 6242 years you get "point oh oh oh two four..." (.00024...)

All radio decay rates contain set quantities of this ".00024...", and this quantities only characteristic is called "quantization." All decay rates of radio-active materials are quantized at ".00024..."

QUANTIZATION OF STARLIGHT

It is of further interest that this same value of quantization, .00024..., has been observed in redshifts of galaxies by Professor William (Bill) Tift of the University of Arizona.

It would seem that redshifts are not about "galaxies speeding away", but are instead about decay of light — a slowing light speed.*

THE DECAY RATE OF LIGHT

The decay rate of light has been determined, and it is placed in the top, DOMINANT position of Table 1a and Table 2 of the Quantized Radio Decay Rates, posted on lollo.org.nz.

Light speed (a slowing light speed) CONTROLS the rates of radio decay of the various nuclides.

THE PERIODIC RADIO DECAY TABLES

In the Tables of Quantized Radio Decay Rates, Light is given the decay

* Slowing as per Graph No. 2.

rate, "one third times .00024...".
 But because one point five divided by
 (this year) 6242 years equals ".00024...",
 the decay rate of Light can also be
 written as, "one half divided by (or per)
 6242 years."

And all the Quantized Radio Decay
 Tables can then be listed in what can
 be called Periodic form.

I'll show you an example...

Table 1a - powers of ten disdained.
 DECAY RATES, 2024

	QUANTIZED FORM	PERIODIC FORM
Light	$0.3 \times .00024...$	$\frac{1}{2} / 6242$
—	$0.6 \times .00024...$	$1 / 6242$
—	$1 \times .00024...$	$1\frac{1}{2} / 6242$
Nd 144	$1.3 \times .00024...$	$2 / 6242$
Th 232	$0.2 \times .00024...$	$3 / 6242$
U 235	$0.4 \times .00024...$	$6 / 6242$
Rb 87	$0.6 \times .00024...$	$9 / 6242$
Lu 176	$0.8 \times .00024...$	$12 / 6242$
—	$1.2 \times .00024...$	$18 / 6242$
K40	$2.4 \times .00024...$	$36 / 6242$
Sm 148	$3.6 \times .00024...$	$54 / 6242$
Pt 190	$4.8 \times .00024...$	$72 / 6242$
Re 187	$7.2 \times .00024...$	$108 / 6242$
Hf 174/14.4	$14.4 \times .00024...$	$216 / 6242$
Te 130		

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THE PERIODIC DECAY TABLES have the advantage that they are simple, and are self adjusting for the slowing in the decay rates. (e.g. Light, next year, 2025, decay rate equals one half per 6243 years, not 6242. And so on.

NOTES:

- (1) "Force F" of Diagram 1 is, in fact, the (slowing) speed of light.
- (2) The slowing speed of light has been, on average, at least one half million times faster than today.*

This means that the average decay rate of radioactive substances has also been more than half a million times faster than today's measured decay rates.

* See, Deep Time Dating Dismissed, Page 4