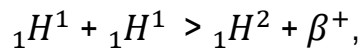# Reaction Formula Equations in Relation to Spatial/Temporal Sequence
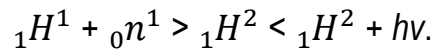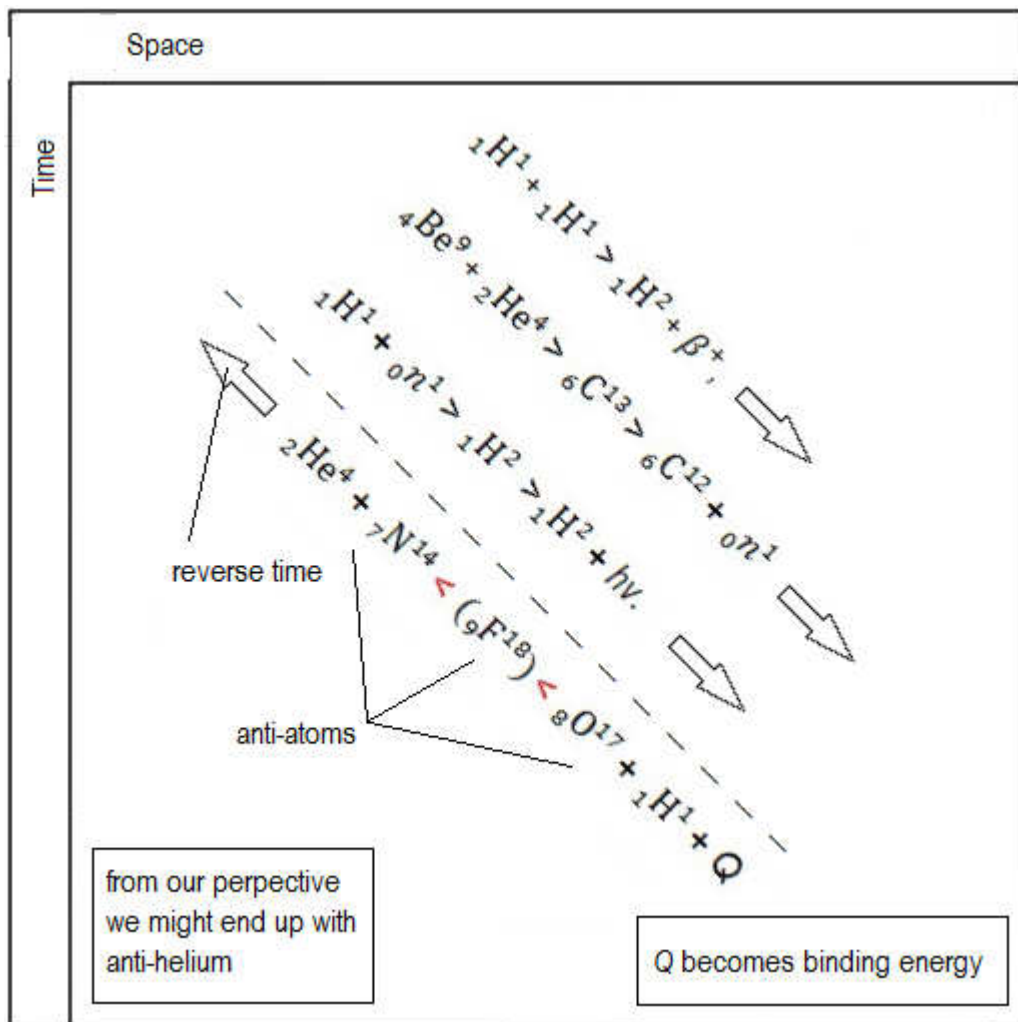
January 21, 2012

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These elemental equations herein are the classic formulas for combining and modifying atomic nuclei for the purpose of experiment and product generation. Here they are written based on the law; *the sum of the mass of the elements is greater than the mass of the combined product.* For example in the formula used here in this new fashion,
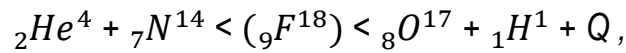
$$_1H^1 + {}_1H^1 > {}_1H^2 + \beta^+,$$

there must always be a greater than sign pointing right. When we combine two hydrogen atoms we get deuterium with the ejection of a positron. Therefore two separate hydrogen atoms are greater in mass than the sum of a separate deuteron and positron combined in this event. With this understanding for the next equation below it might seem that we could write the following with a greater than and another less than sign:

$$_1H^1 + {}_0n^1 > {}_1H^2 < {}_1H^2 + hv.$$

One Hydrogen atom combined with a neutron is greater in mass than a separate deuteron, which in turn should be less than a deuteron infused with a gamma ray photon. But here we are theorizing, for greater than, less than sign flipping to work we would have to observe the event in reverse time. (See diagram below.)
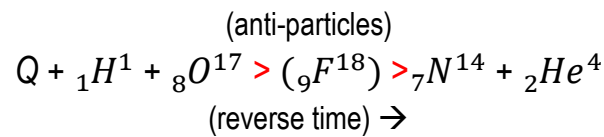
As neat as it might look and feel to turn the greater than, less than symbols inward on the formed nuclei in the center and that we should be able to run the event in reverse with the beginning atomic structure becoming the ending, we may find that indeed only the anti-chronological order will allow that to happen. With the equation:

$$_2He^4 + {_7N^{14}} < ({_9F^{18}}) < {_8O^{17}} + {_1H^1} + Q \,,$$

if we were to try to run the even in reverse by squashing a photon, Hydrogen atom and Oxygen atom together to make Fluorine then to decay into Nitrogen and Helium this likely would not happen, the event would fizzle out. Instead we will see that the photon will function more like an incident body and will probably contain more energy than the photon released in the normal reaction, also the Hydrogen and Oxygen atoms will have more mass than from the atoms of the normal direction of reaction and may not allow the reversed sequence to occur because the masses would be out of balance.

So in order to get the less than sign to flip and to allow the reaction to occur in reverse we would have to run the event reversed in time. In this event the photon should smoothly absorb into the combination of the Hydrogen and Oxygen pair and the "sum of masses" law would be opposite in nature, meaning the sum of additives would be greater than the products as logic expects. So we can, in that light, get this intriguing anti-spatial/temporal formula resulting in the production of anti-helium.

(anti-particles)
$$Q + {_1H^1} + {_8O^{17}} > ({_9F^{18}}) > {_7N^{14}} + {_2He^4}$$
(reverse time) →

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