Neutrinos and Gamma-ray

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Abstract: showing the relationship between Neutrinos and Gamma-ray

Main Viewpoint & Result:

We know an atomic nucleus ($Z \ge 2$) be formed by some Protons combining together with some π -Mesons[1], and a π -Meson be built up by an Electron and a Neutrino [2], That is

A π -Meson (π) =an Electron (E) + a Neutrino (Ne) and

A Neutron (N) = a Proton (P) + an Electron (E) + a Neutrino (Ne)

In a radioactive decay of an atomic nucleus, we know, which includes the emission of

Alpha particles, Beta particles, and Gamma rays, and there be exist

$$\alpha = 2P+2N = 2P+2P+2\pi = 4P+2E+2Ne$$
 and
 $\beta = E$

Then, what is the resource of Gamma-ray? There is no doubt; I think we can safely say that Neutrino beam is Gamma-ray; Gamma-ray is the Neutrino beam. That is to saying

 $\gamma = Ne$

Moreover, there be

Neutrons \rightarrow Neutrons + H⁺ + He⁺ + Electrons + Neutrinos =

= Neutrons + H + He + Protons + α + X + γ

Or Neutrons \rightarrow Protons + Electrons + Neutrinos = H + γ

In addition, we have, that the specific form of Gamma-ray bursts (GRBs) center engine is a neutron star, and the main form of energy extraction is neutrinos process.

References

[1] < π -Meson and the Structure of a Nucleus > http://vixra.org/abs/1405.0228

[2] < A New Model of a Neutron Based on π -Meson > http://vixra.org/abs/1405.0206