

The "Magic Numbers" of Prof. Wigner's Include 28 and 82 and 82 Alerts Us to the Ratio of Planck's Constant to the Quantum of the Universe

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Abstract: The "magic numbers" of Eugene Wigner include 28 and 82 and I have observed 0.82×10^{22} to be the ratio of Planck's constant /quantum of the universe in MHCE8S theory.

With further study I found Wigner's **126** and **125** (Higgs) to be **insignificant** but his **28** and my **27** (for my 10^{27} galaxies) to be significant. The **28** signals nickel whereas 27 signals cobalt. Early meteorites were mostly iron and 7% nickel; cobalt was present at less than 1% . Thus more nickel in the universe than cobalt was signalled with 28 and has proved to be actually the case in iron-nickel meteorites. Also review of my #85 ViXra submission indicates I used a critical density of $8.62 \times 10^{-27} \text{ Kg/M}^3$ which I soon raised to $11.488 \times 10^{-27} \text{ Kg/M}^3$ with inclusion of the heavy neutrino (ViXra #96) allowing a galaxy count increase to 10^{28} hence the 28 of Prof. Wigner's is the correct magic number, not my 27.

1. George R. Briggs, "Consequence of rapid top quark decay to massless gauge boson", ViXra 2004.0707, (2020)