

## **Controlled Hot Fusion is Impracticable.**

Gong BingXin  
[bingxin\\_gong@hotmail.com](mailto:bingxin_gong@hotmail.com)

The reason is below:

In all textbooks, the ionization energy of the hydrogen is 13.6 electron volt, but the voltage of the hydrogen discharge tube is about 8000 volt. The hydrogen spectrum is produced in the discharge condition. In the discharge condition, according to the Rutherford-Bohr atom model, the electron inside the hydrogen atom will not act like circular motion.

In fact, all elements spectrum is produced in the discharge condition or high temperature.

I think that the electrons do actually exist inside the nucleus, the electron is the part of the nuclear. Electrons do actually exist inside the nucleus as is evidenced by decay probabilities, isotope shifts, isomer shifts etc.

But in the hot fusion, the temperature of the plasma is high, In such high temperature, the electrons will be ionized, the electrons will not exist inside the nucleus.

According to the nuclear theory, light nucleus fusion need a high temperature. But nuclear theory neglects that the light nucleus like the tritium and the deuterium will splitting into parts in such high temperature, and the fusion production - the helium will also splitting into parts in such high temperature, These reactions are the endothermic reaction, so even if an equipment can produce constant fusion energy, the fusion energy will less than the input energy, this equipment will not an be energy sources.

Address:

Room 708, 3th Building  
HuaDu XinCun  
No. 57, JianSheBei Road,  
XinHua HuaDu,  
Guangzhou Guangdong,  
China 510800

Tel: 86-13480212541, 86-20-86856616