How Serious This Is: Thermonuclear Components Identified in Interstellar Samples: A Failed Project Orion Type Interstellar Probe? Have we been Discovered?

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Meteors – Objects from space that burn up in the atmosphere



Seen from ground



Seen from Space Station

In 2014 an Object Burned Up in the Atmosphere

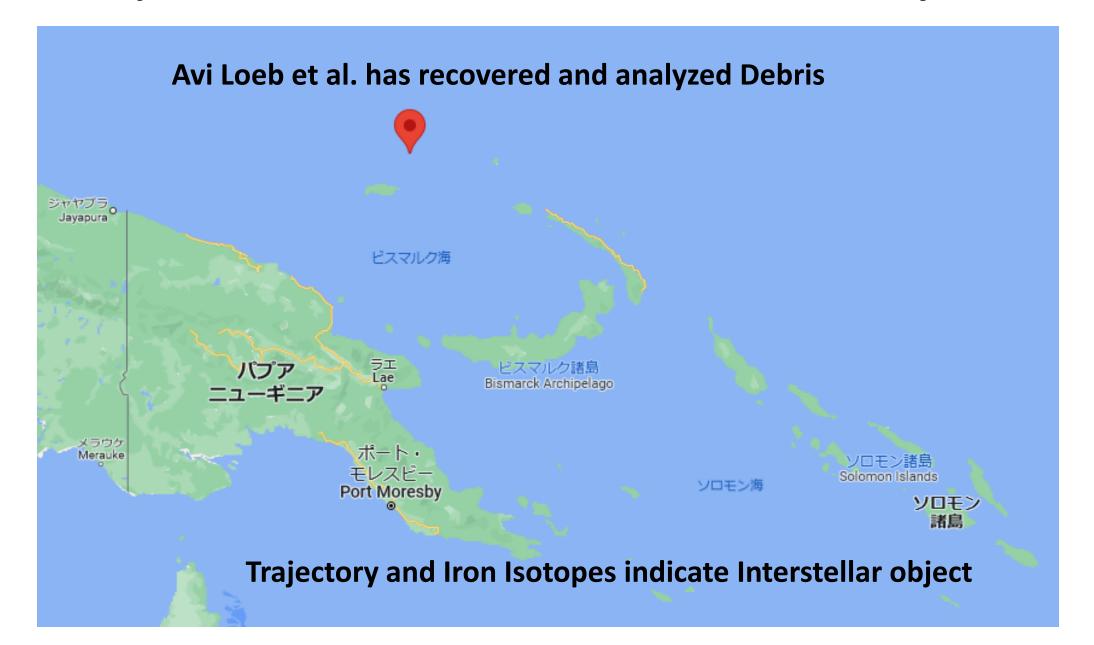
Object came into atmosphere at approximately 50km/ sec, melted and disintegrated at low altitude in atmosphere over Pacific Ocean, observed by Defense Satellites

Fastest object ever seen to Impact

Object trajectory was consistent with being Interstellar

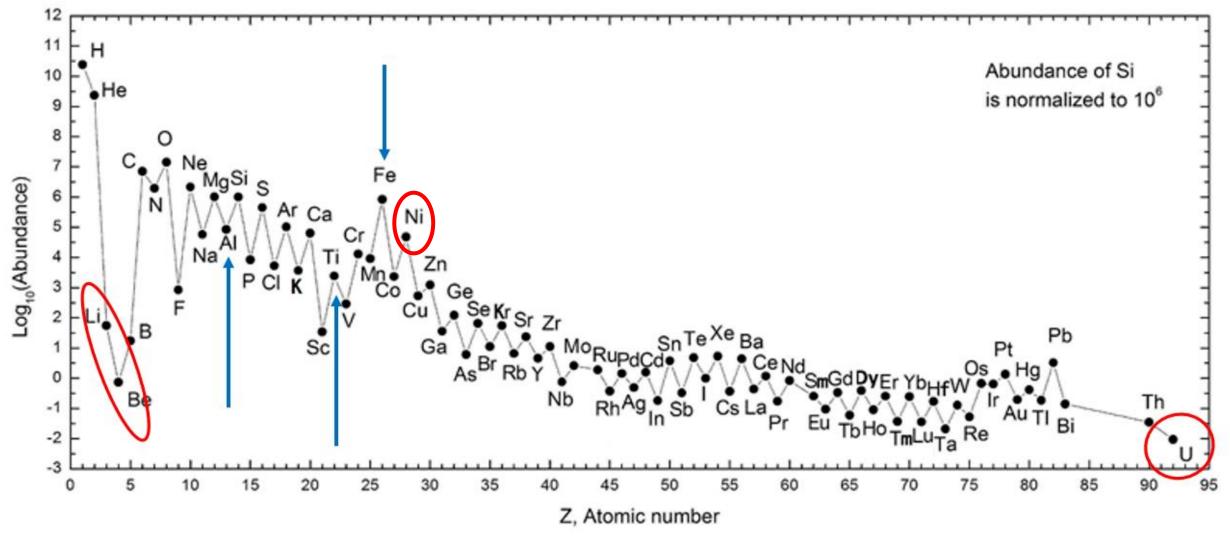
Object was stronger and more heat resistant than any object ever seen to Impact

Impact zone of debris from 2014 Interstellar object



Natural Relative Abundance of Elements in the Cosmos

(as seen in Solar System and confirmed by detailed spectra from other stars)



Note natural abundance of Nickel is nearly the same as Iron (Fe: Ni ~10:1) in Cosmos Note also rarity of Beryllium, Lithium, Thorium and Uranium (Be, Li, Th, and U)

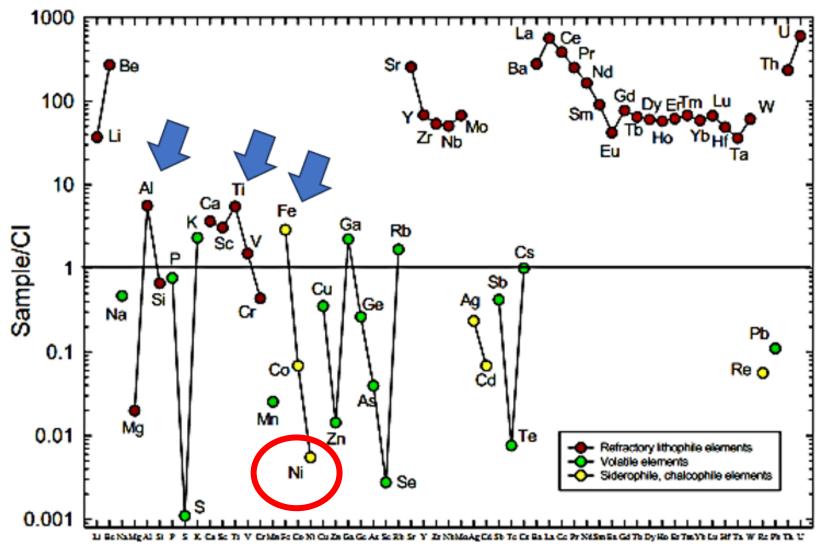
Nickel Iron Meteorite



The proportion iron: nickel is between 90%:10% and 95%:5%

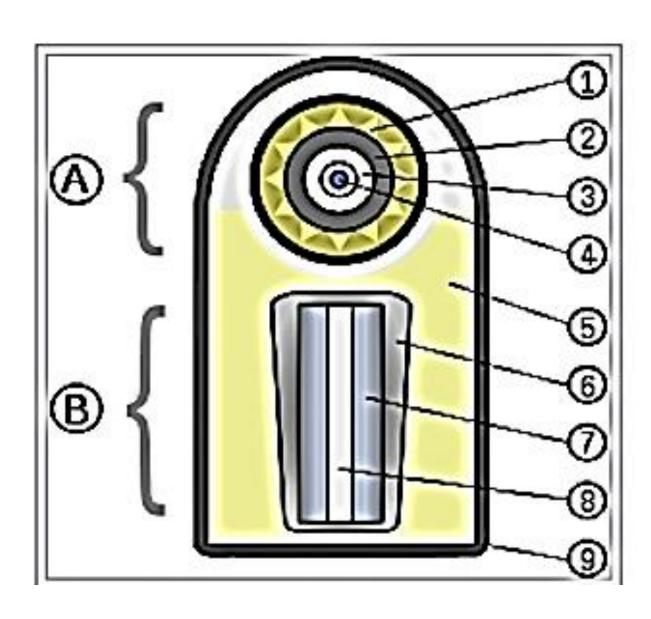
NICKEL ALWAYS PRESENT WITH IRON IN METEORITES > 5%

Aerospace Alloy Components



Nickel is approximately 1 part per thousand of Iron in Sample: NOT NATURAL Titanium- Aluminum - Steel is a family of high strength aerospace alloys

Thermonuclear Device Design and Components



A basic diagram of a thermonuclear weapon. Note: some designs use spherical secondaries. A. fission primary stage B. fusion secondary stage 1 High-explosive lenses 2. Uranium-238 ("tamper") lined with beryllium reflector 3. vacuum ("levitated core") 4. Tritium "boost" gas (blue) within plutonium or uranium hollow core Radiation channel filled with polystyrene foam 6. Uranium ["pusher/tamper") 7. Lithium-6 deuteride (fusion fuel) 🏩 8. Plutonium ("spark plug") Radiation case (confines thermal Xrays by reflection)

Spartan Missile Nuclear Warhead Contained Thorium (5 Megaton - Tested 1971 on Amchitka in Aleutian Islands)





U.S. Department of Energy Office of Classification Washington, DC 20585

CLASSIFICATION BULLETIN

Declassification of a Material in a Specified Weapon

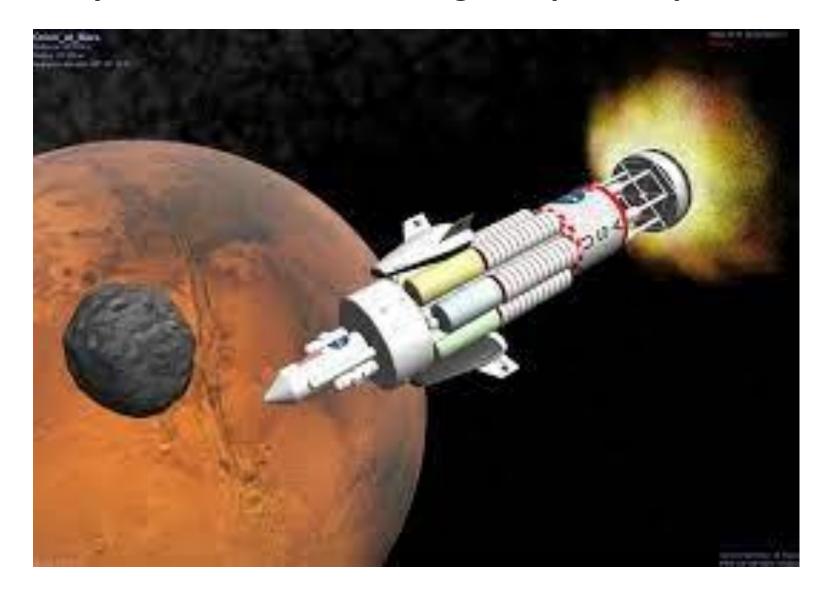
On January 14, 2008, the following information was declassified:

"Fact that thorium metal is used in the radiation case of the W71 warhead."

Possible Thermo-Nuclear Weapon Components 10 Sample/CI Cs Čū Na Pb 0.1 Coq Re o Mg 0.01 0.001

Sample Spherule contains unnatural abundance of 4 rare elements - ALL NUCLEAR WEAPON COMPONENTS

Project Orion Nuclear charge Propelled Spacecraft



Trajectory and Iron isotopes Suggests ORION TYPE Interstellar probe aimed at Earth - No direct threat

We owe Avi Loeb et al. A BIG THANKYOU!







Welcome to the living Cosmos my Friends