

What I've Learned

Match the terms in column A with its description in Column B

A	B
_____1. Alpha ladder process	a. There is a faster rate of capturing neutrons before it undergoes radioactive decay.
_____2. Big Bang Nucleosynthesis	b. Nuclear fusion that happens in red supergiant stars and creates heavier elements such as Iron.
_____3. CNO cycle	c. It happens when there is a slow rate of capturing neutrons while there is a faster rate of radioactive decay.
_____4. Neutron Capture	d. It is a process wherein light elements such as Helium and Hydrogen are formed.
_____5. Proton- Proton Chain	e. This is how three Helium-4 is converted into Carbon in a red giant star.
_____6. R- process	f. It is a process where elements heavier than Iron are formed.
_____7. S- process	g. It is a Nuclear fusion reaction where Hydrogen is converted to Helium
_____8. Stellar Nucleosynthesis	h. It is an addition of neutron to form heavier nuclei.
_____9.Supernova Nucleosynthesis	i. It is a process by which elements are created within the star.
_____10. Tri alpha process	j. This happens in a massive star which converts Hydrogen into Helium.

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