

Introduction to Astronomy

Summary Questions Week 5

4 November 2019

1. Explain what the heliosphere and the heliopause are and how you detect the heliopause.
2. Where does nuclear fusion happen inside our Sun?
3. What is the Solar wind and what powers it?
4. What do we know qualitatively about the Solar rotation; how does that affect the Solar magnetic field; and what does it have to do with Sunspots?
5. Aside from the core, there are two main parts to the Solar interior. Explain the difference between these zones in terms of how they transport energy.
6. In context of the Solar surface, what are granules and mention two observable facts that support this idea.