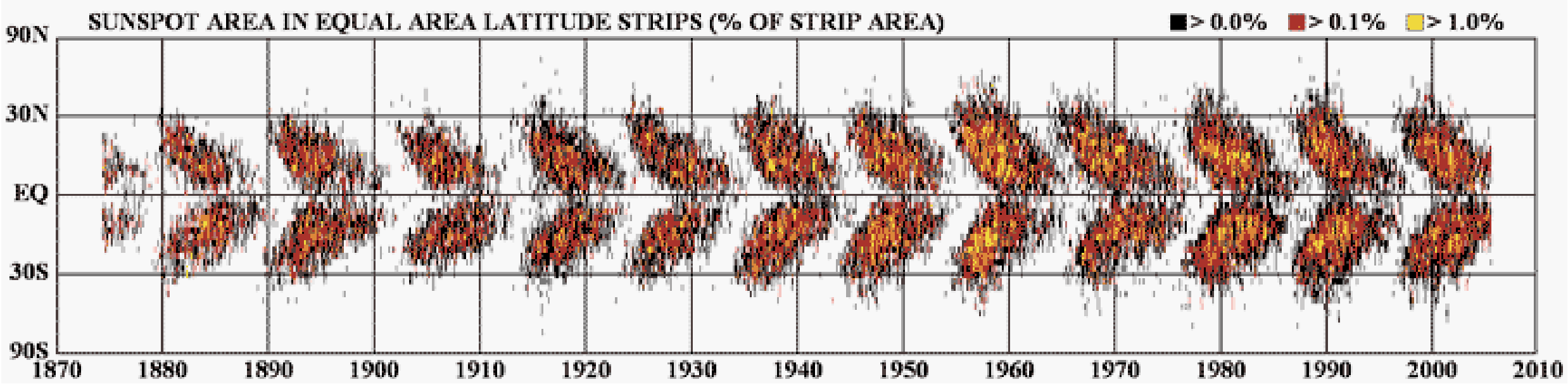
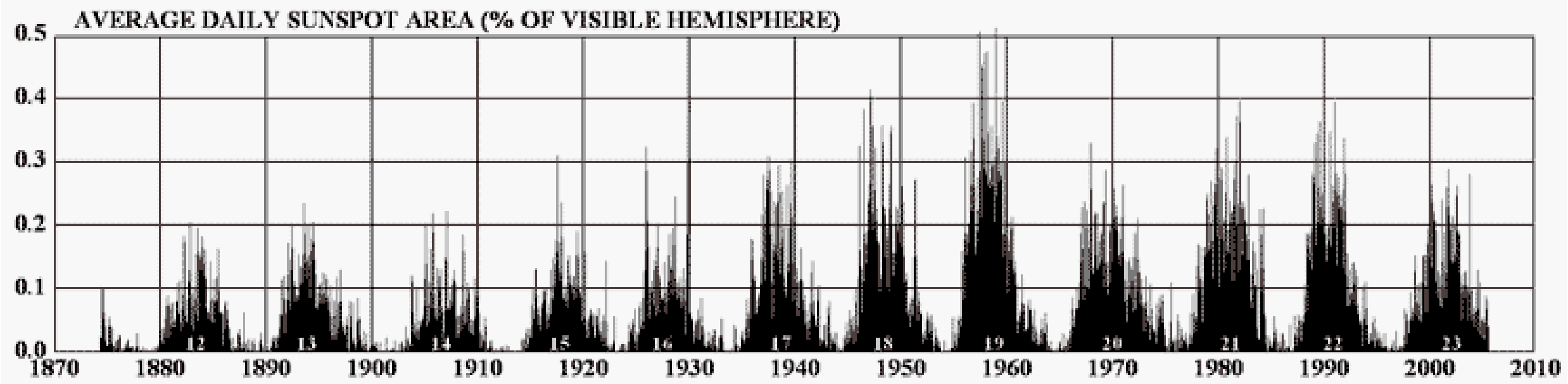


Sunspots and Fusion

Week 12



Hydrogen Fusion by the Proton-Proton Chain

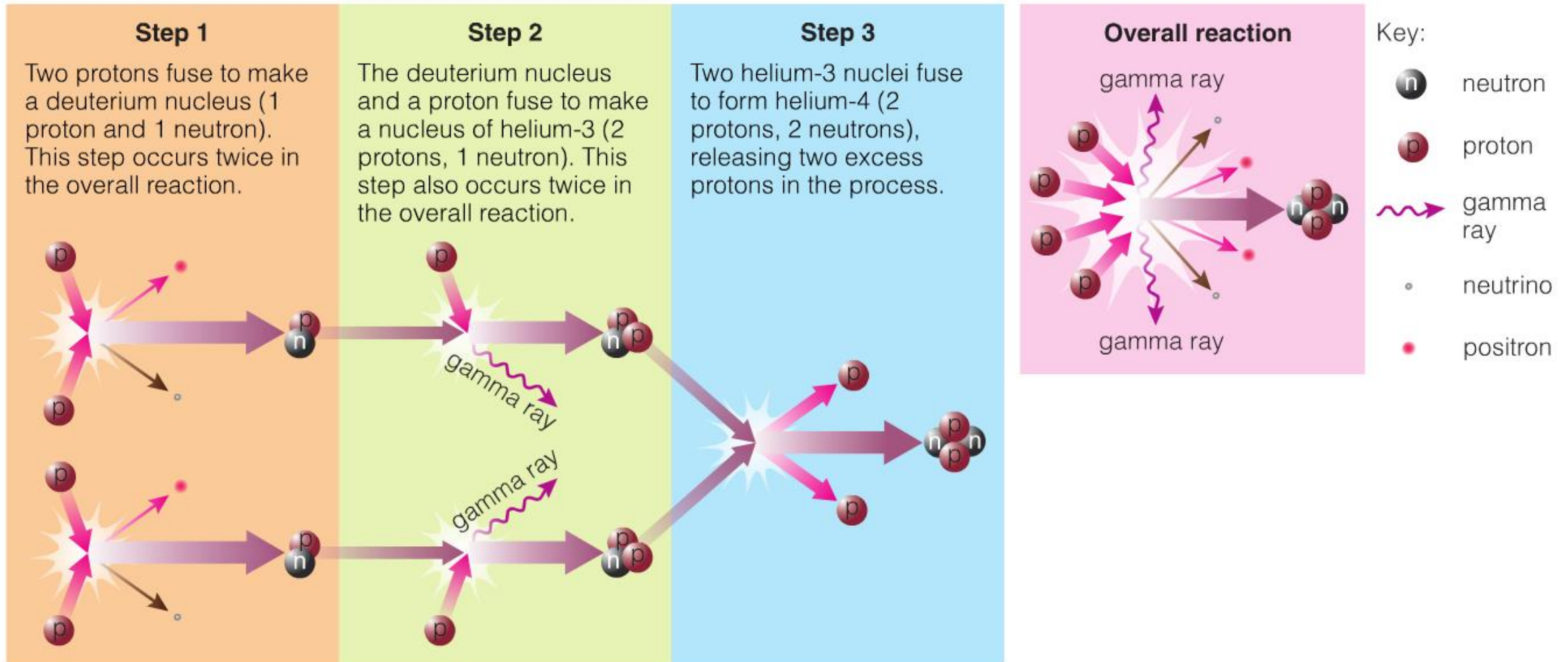
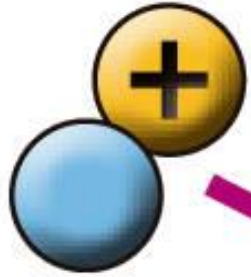
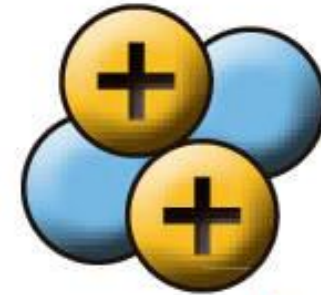


FIGURE 14.7 [Interactive Figure](#) In the Sun, four hydrogen nuclei (protons) fuse into one helium-4 nucleus by way of the proton-proton chain. Gamma rays and subatomic particles known as neutrinos and positrons carry off the energy released in the reaction.

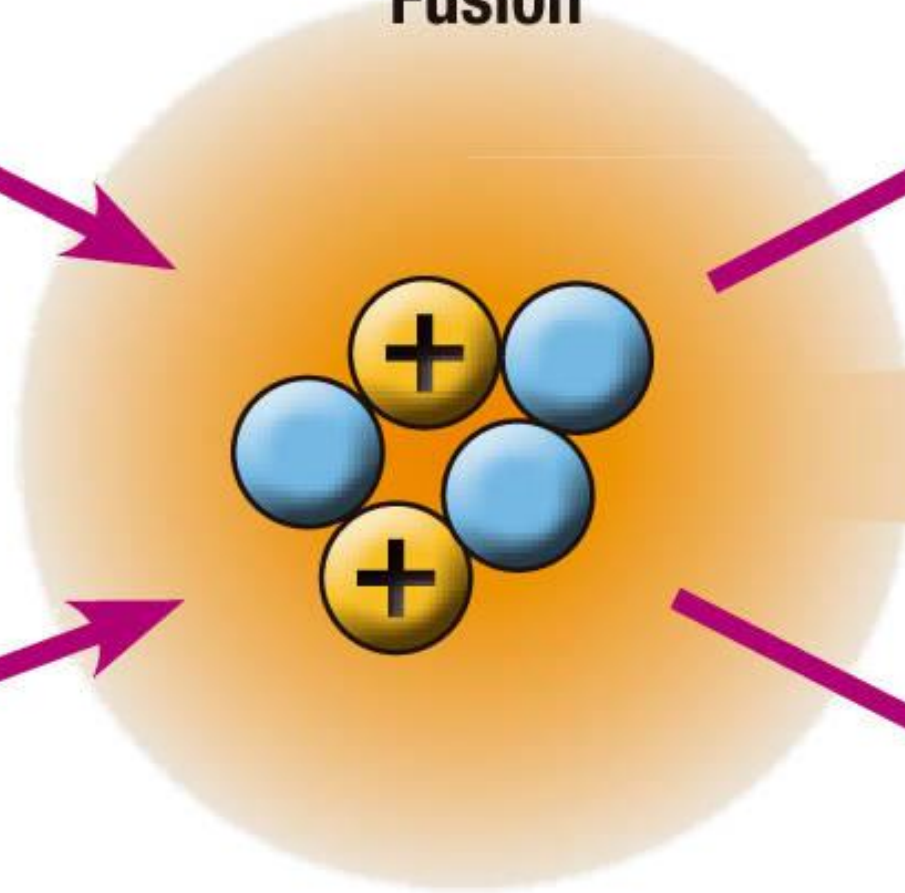
Deuterium



Helium



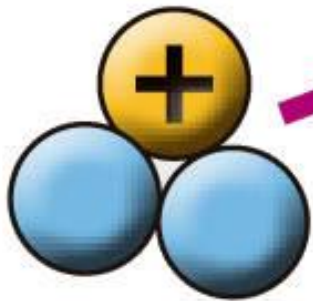
Fusion



Energy



Tritium



Neutron



Review of work so far...

- Use the syllabus booklet to highlight what you know