Fusion in the Sun New Types of Particles - Antimatter 3 Chain of reactions combining protons to **Antimatter** Matter create Helium Electrons Positron Antiproton Proton-Proton Chain (PP Chain) Gamma ray Has opposite charge or "regular" particle. When combined with its "regular" counterpart, it converts all its **Mass** into **Energy** Neutrinos: 0 Mass, travels ~speed of light Carries away energy - don't interact much Neutrino <sup>3</sup>He <sup>3</sup>He Positron