

- Digression: how to study for the theoretical astrophysics test?
(and why the heck did you not tell us this before?!?)
- New chapter: thermonuclear processes in stellar cores!
- Basic terminology
 - a prototype nuclear reaction
 - atomic (mass) number, charge number, and their conservation
 - key concept for energy production
 - mass defect
- Nuclear binding energies (look at the back of the page!)
 - inversion at iron
 - alternating structure at low atomic numbers
- Nuclear cross-sections
 - classical cross-section
 - quantum (de Broglie) cross-section

