







Energy from fission products The following tables give a typical energy "budget" for all the energy released during the fission process. Remember the details will vary slightly depending on the fission products. **Instantaneous Energy from Fission** Kinetic energy of fission products 167 MeV **Energy of fission neutrons** 5 MeV 15 MeV Gamma-ray energy **Total prompt energy** 187 MeV **Delayed Energy from the Fission Product Decay Chain** Kinetic energy of beta particles 7 MeV Gamma-rays following beta decay 6 MeV **10 MeV Neutrinos (these escape)** Total delayed energy 23 MeV 13 Lecture 27 © J. Watterson, 2007



