

ASTR 680
Practice questions for lecture 22
Low-Energy Cosmic Rays

1. What is the approximate spectrum of cosmic rays about 1 GeV? What are the features at 10^{15} eV and 10^{19} eV? What causes the near-isotropy at low energy? What composes cosmic rays?

2. What are the main features of cosmic rays below about 10^{15} eV that suggest a supernova shock origin?