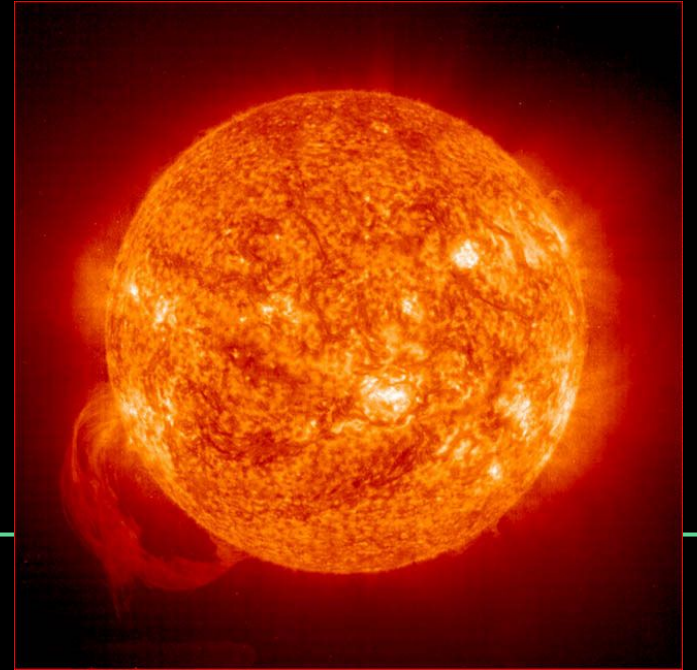


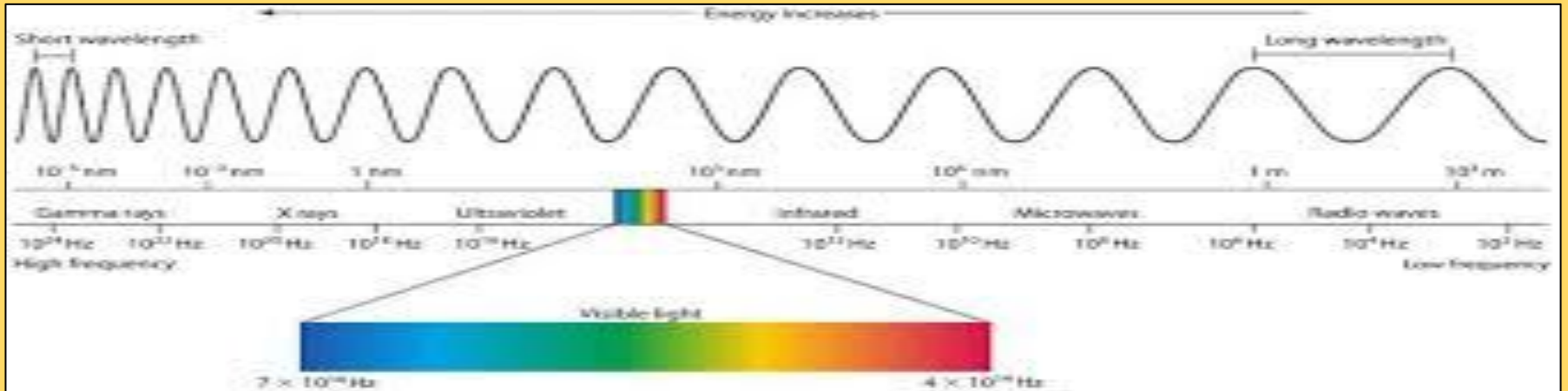
Studying the Sun

Chapter 24



24.1: The Study of Light

Electromagnetic spectrum: the arrangement of waves according to their wavelengths and frequencies.



Light behaves in two ways:

- Like waves → wavelengths
- Like particles → photons

Photons: extremely small bullets of light, exerting radiation pressure

- Each photon has a specific amount of energy related to wavelength
- Shorter wavelength = more energetic photons
- Longer wavelengths = less energetic photons

