
List of x rays in terms of wavelength

- Continuous X rays
- Characteristic X rays

Cut off wavelength in x rays

Minimum wavelength below which no X ray is emitted

Term for cut off wavelength in x rays

Threshold wavelength

List of activities at collision in x ray

- Convert K.E. into photon
- Knock inner electron

Expression for wavelength of x ray and energy of photon

$$\lambda = \frac{hc}{E}$$

Expression for cut off wavelength of x ray and energy of photon

$$\lambda_{min} = \frac{hc}{eV}$$

List of activities at knocking inner electron at x ray

- Knock inner electron
- Transit electron from higher energy to vacant space
- Emit x ray photon

Type of x ray produced by knocking electron

Characteristic x ray

Type of x ray produced by particle collision

Continuous x ray