

Characteristics of Photoelectric effect

1. The electrons were emitted immediately
2. Increasing the intensity of the light increased the number of photoelectrons, but not their maximum kinetic energy.
3. When Na is the metal red light will not cause the ejection of electrons, no matter what the intensity.
4. Weak violet light will eject only a few electrons, but their maximum kinetic energies are greater than those for intense light of longer wavelengths.