

CH301H – Principles of Chemistry I: Honors

Fall 2012, Unique 51390

Quiz 3, 4 October 2012

Photoelectrons are emitted from the surface of magnesium metal when it is illuminated with both blue and green light. In which case do the ejected photoelectrons have the higher maximum kinetic energy?

Blue (lower $\lambda \Rightarrow$ higher ν , E)