Photoelectrons, reduced mass and atomic excitation

GRE Subject Test · GRE Physics · Vocabulary in context

Word	Example
work function /wɜːk ˈfʌŋkʃn/	The surface's **work function** sets the photon-energy threshold.
stopping potential /ˈstɒpɪŋ pəˈtenʃl/	The **stopping potential** measures the fastest electrons' energy.
threshold frequency /ˈθreʃəʊld ˈfriːkwənsi/	Below the **threshold frequency**, no electrons are released.
characteristic X-rays	**Characteristic X-rays** show sharp lines for each element.
bremsstrahlung /ˈbremʃtrɑːlʊŋ/	**Bremsstrahlung** is radiation from electrons slowing in a target.
reduced mass /rɪˈdjuːst mæs/	Use **reduced mass** when both particles move about their common centre.

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