







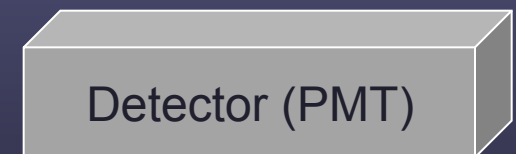
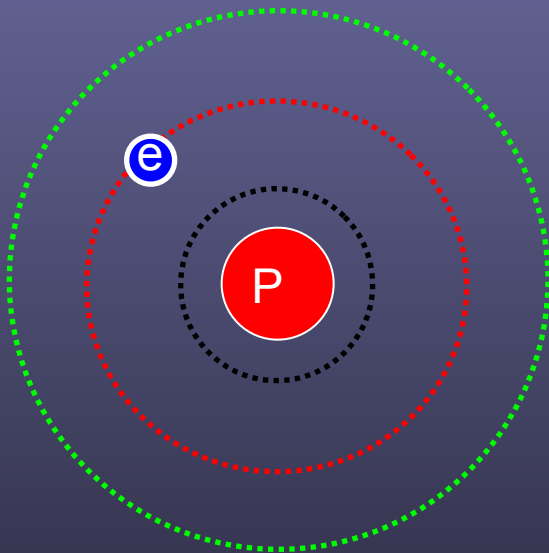




Detector (PMT)

# How do we study atoms?

- An atom in the excited state then decays, producing fluorescence
- We detect the light using a photomultiplier tube (PMT)
- Intensity of the light indicates the population of atoms in the excited state



# How do we study atoms?