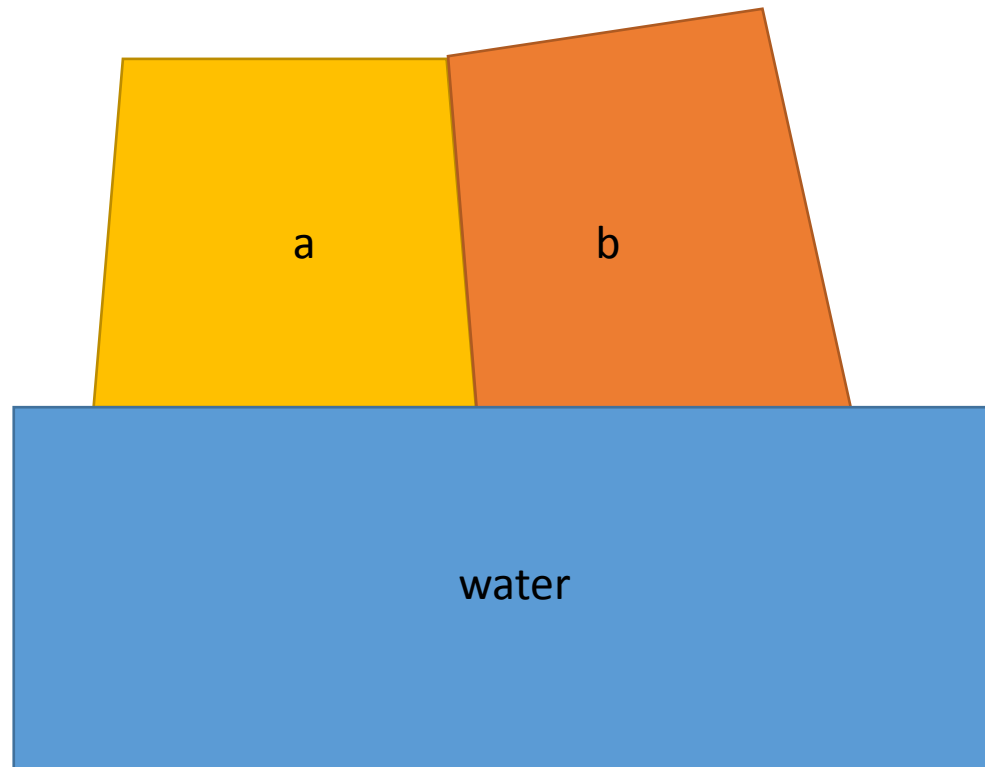


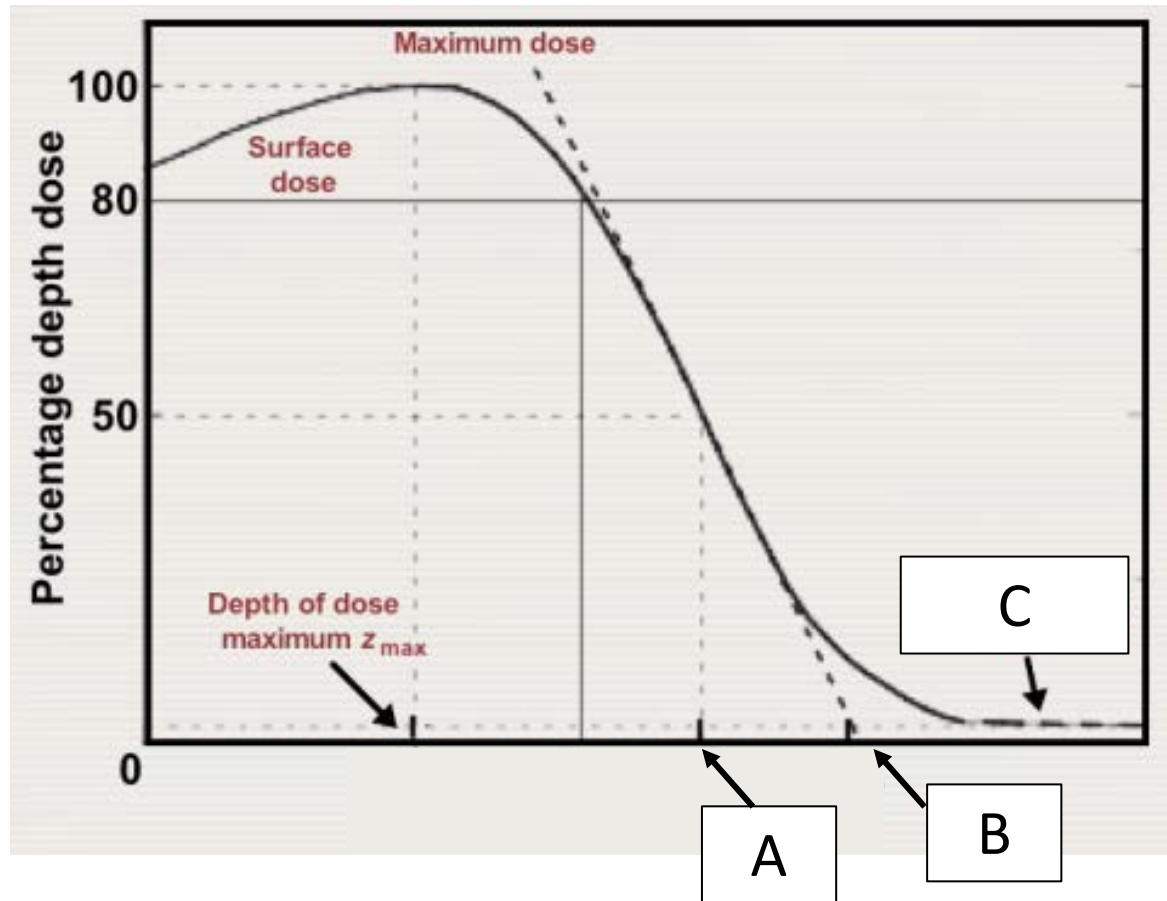
Electron dosimetry

Where would there be hotspots if a = electron beam, b = photon beam?



- If both a and b are electron beams, where would there be hot and cold spots?
- Would this be more or less dramatic with low vs. high electron energy?

Describe the graph below.



- If $B = 3$ cm, approximately what is the energy of the beam?
- How would you expect surface dose to change with energy?
- How would you expect surface dose to change with field size?

What is this a picture of?



- What is this made of and how thick is it?
- How would you find the cutout factor for this?
- How would the process of finding the cutout factor change if the central axis was blocked?
- What safety concerns might you have when using this?