

Joint ICTP-IAEA
School on LoRa Enabled
Radiation and
Environmental Monitoring
Sensors



Introduction to Radiation Monitoring

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Outline

- My 3 Things!
- Basic Physics
- Detectors

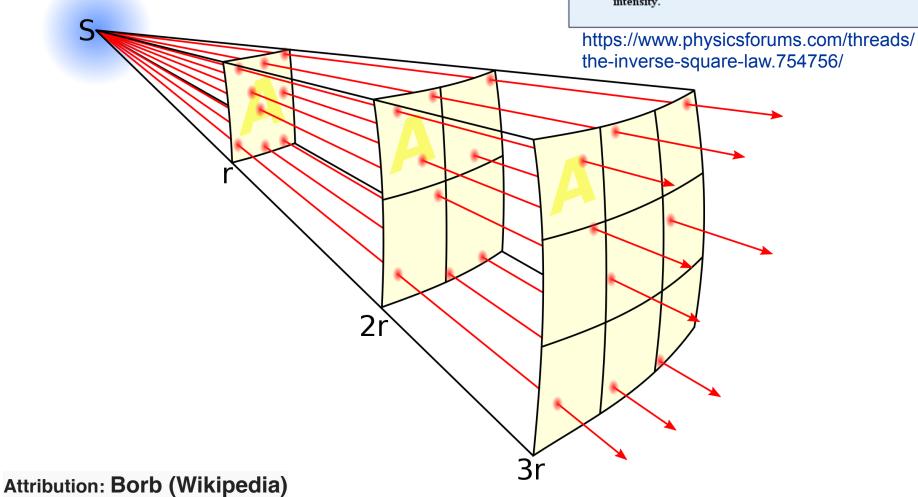
- NORM
- Statistics

3 Things! #1

The Inverse Square Law

$$\frac{I_1}{(I_2)} = \frac{(d_2)^2}{(d_1)^2}$$

 I_1 is the initial intensity of radiation, d_1 is the initial distance, and d_2 is the final distance, and I_2 is the final intensity.

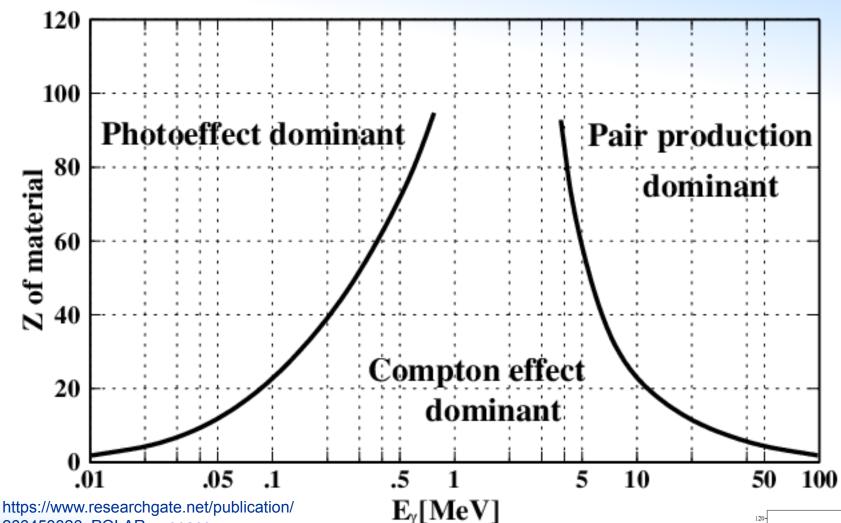


3 Things! #2

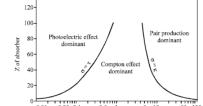
266453326 POLAR - space-

borne Gamma Ray Burst polarimeter/figures?lo=1





Orig fig ref: The Atomic Nucleus, R.D. Evans 1955



3 Things! #3



You are here: Home > Radiation > Monitoring and Assessment > Map of monitoring locations

