

Understanding Radiation Units

Exposure: measure of the charge imparted to air (R);
 γ and X rays only

Dose: radiation energy absorbed by matter (rads)

Flux: radiation through some area per unit time
(radiation/cm²/sec)

Radiation energy (MeV)

Activity: nuclear transformations per unit time (Curies)

Cross Section: probability of interaction expressed in units of area (cm²)

