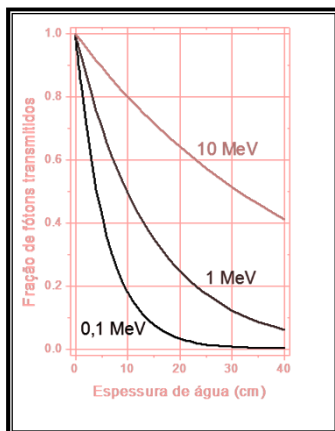
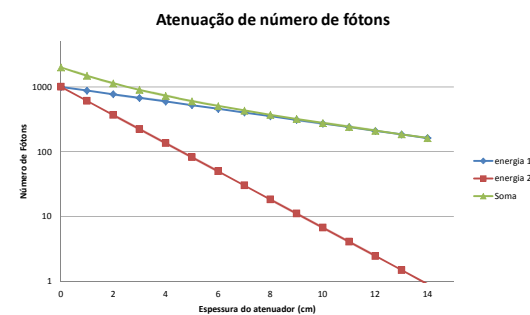
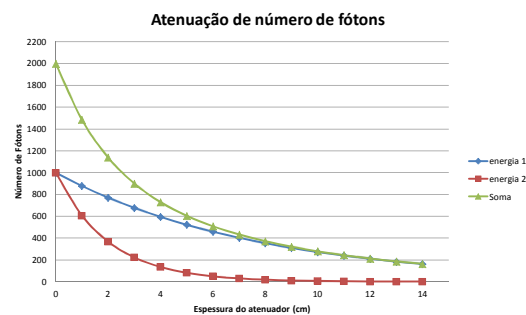
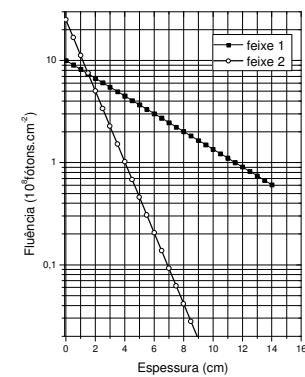


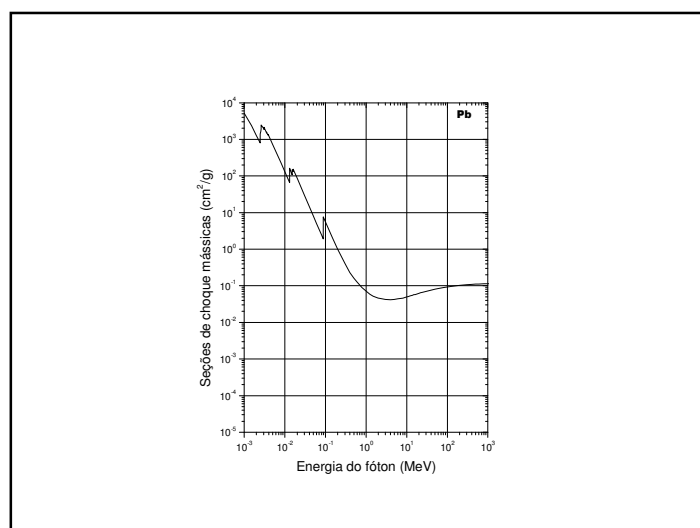
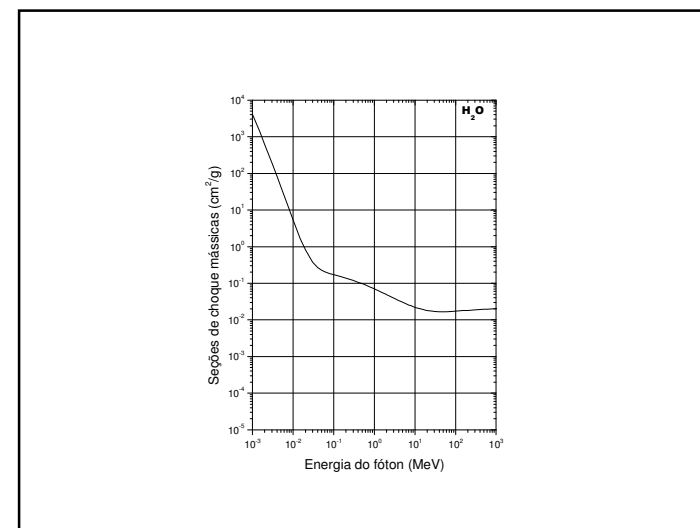
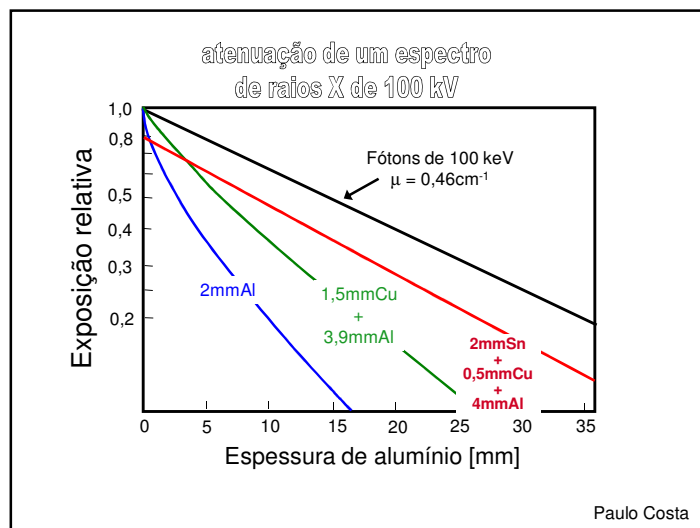


$$N = N_0 e^{-\mu x}$$

$$I = I_0 e^{-\mu x}$$

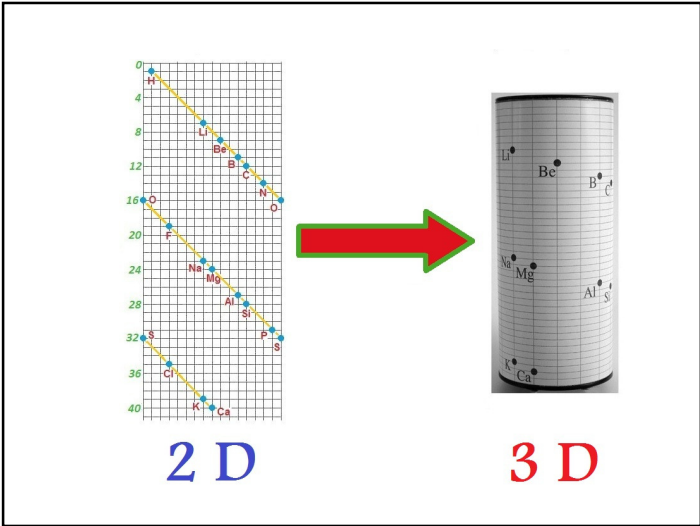
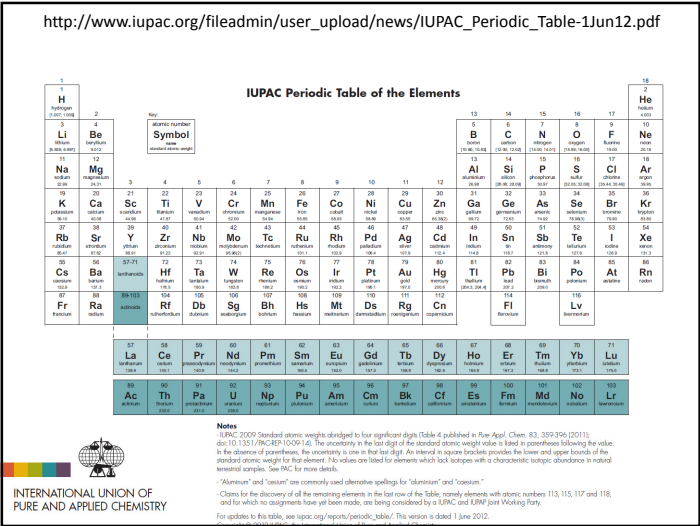
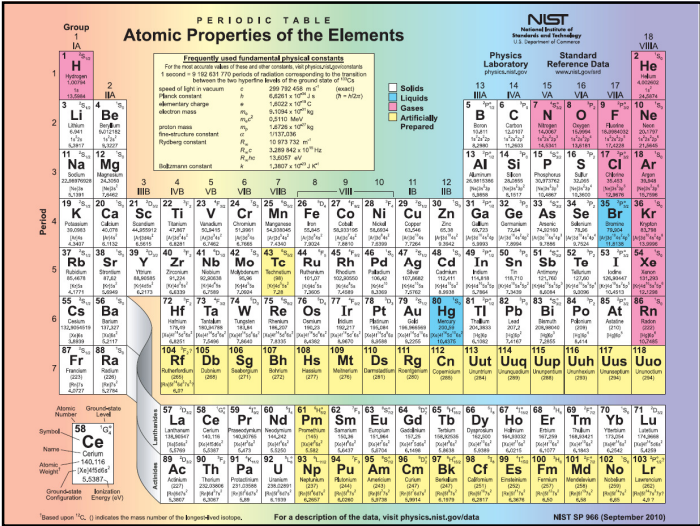
$$\frac{dN}{N} = -\mu dx$$

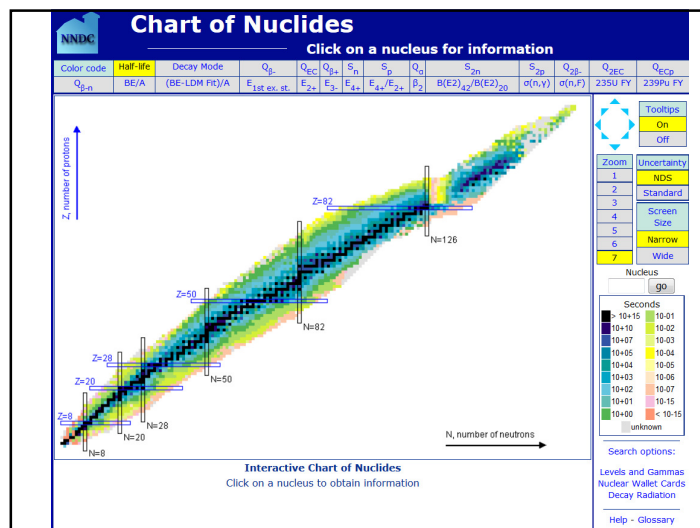




radioisótopo	Energia do fóton (MeV)	material	μ (cm^{-1})	$X_{1/2}$ (cm)
^{60}Co	1,25	Pb	0,66	1,05
^{60}Co	1,25	Al	0,15	4,62
^{137}Cs	0,66	Pb	1,23	0,59
^{137}Cs	0,66	Al	0,20	3,46

características estado físico	ρ (g/cm ³)	μ (cm ⁻¹)	$\mu\rho$ (cm ² /g)
Água	1,000	0,214	0,226
Gelo	0,917	0,196	0,226
Vapor d'água	5,98x10 ⁻⁴	1,28x10 ⁻⁴	0,226





<http://www.nndc.bnl.gov/chart/>