
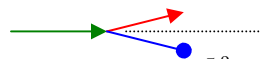
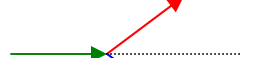





Incident Gamma
.140 MeV

Scattered Gamma

Compton Electron

	<u>E Scattered Gamma</u>	<u>Wavelength</u>	<u>CE Kinetic Energy</u>	<u>Equations</u>
 0° No scattering of gamma	0.140000 MeV Maximum No Loss of Energy	0.0885 A°	Zero Lowest	$\text{MeV} = .140 / (1 + ((.140 / .511) * (1 - (\cos 0))))$ $\text{A}^\circ = 12,394 / 140000 \text{ eV}$
 5°	0.139854 MeV	0.0886 A°	0.000146 MeV	
 45°	0.129600 MeV	0.0956 A°	0.010400 MeV	
 90°	0.109892 MeV	0.1128 A°	0.030108 MeV	
 135°	0.095387 MeV	0.1299 A°	0.044613 MeV	
 180° Back Scatter of Gamma	0.090442 MeV Lowest	0.1370 A°	0.049558 MeV Maximum	

140 keV Scattering

Energy of Scattered Photon vs. Scattering Angle

