

"photon" grante for energy, also how momentum  $\begin{bmatrix} E^2 & P^2 & C^2 & = M^2 & C^4 \end{bmatrix} = \frac{M^2}{M^2}$ 

Compton Scattering photon Scattering on es that ore "virtually"

— s violation of Classical Thompson Scattering  $\frac{d\sigma}{d\Omega} = \left(\frac{e^2}{mc^2}\right) \frac{1}{2} \left(1 + \omega^2 \theta\right)$ min s/Aren Area should be should of as the area do oftenes (from the incoming beam) the energy that is being sent into this solid angle. gritgoing Warches the some frequency





