So for (More Office his to 3:30)

- Atoms neal.

- Hore Sistande | Spectra

- Hore Sistande | Marco Man

vadio addy

- Naw Sins of valida X-vigs/8-vigs

- Pullens of Classed Physics

- Hermal Radidan / Physics

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(Som Cathole mys) X - vey S 7ès e photo eletic" Rontgen's expunt Rontgen sot in ès w/kV outo metal Produced highly posethy radition
which cold daten photo paper

Thesh Morror Screens Not Illedel in E + B Sills (Sace w/ 8 - rgs)

(1) Codinas Spetan 2) Discolad (Reputal) Stante (3) Soull varelength ctoll. If the Oprodied by classis) physics (normall) (3) Found empirely Hd

Explaised of Einstoin.
"Reverse Photo-electic Estat"
Larget KE He X-rey photon can have is the KE of the incomp election.
$E_{\gamma} = h v^{max} = h c = e^{\sqrt{\lambda_{min}}}$
$\lambda_{min} = \frac{hc}{eV} = \frac{1280 eV nm}{eV}$
What ab. I the jagged lies?
formed to doponed on the mutal you hit
clès. (Depuls on studie of Mth (Nort week)
Agen. H. As (Stong Circumstal Extense) Vight godised, but is this vain rozvied

Major Lesson of Physics (Philosophial Interlade) - When physics Lorros en interpetion on you Jos should take -t seriously. We see this agin in Physic, - Sinthery Roberte. - Mass is Energy - Ed B Itales some Hig Cares in Spuls m/QM) - A-12-2 - We will see moe

When it ones to better than Philosophy.	Photos c	an actily	
better than Philosophy.			
Some thing we actally alma	J lwled	\mathcal{J}	
"Compton Effect"			
Sattored X-vays "sold	es (los	~ Ex)	0 >
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X-rys mada of Xs	+ the	lose Ein	ess.
√			
		⊖ ₈ 	
Por Bale	4Cl.)	
P F () P (Me)	P4 - F/	-7	
$P_{3} = E_{3} \begin{pmatrix} 1 \\ 0 \\ 0 \end{pmatrix}$ $P_{e} = \begin{pmatrix} m_{e} \\ -\frac{1}{0} \\ 0 \end{pmatrix}$, , _ , , (-7 -7 -7 -8:-0x	- E, S: Q
			. 0 10

Consers P Enly

$$\vec{E}_{e}^{2} - \vec{E}_{s}^{3} + 2\vec{E}_{s}\vec{E}_{s}(...)\theta - \vec{E}_{s}^{2} = m_{e}^{2}$$

(Insome [

$$\frac{1}{E_{\delta}} - \frac{1}{E_{\delta}} = \frac{1}{m_{e}} \left(1 - C_{0} \right) O_{\delta}$$

$$\frac{\lambda}{hc} - \frac{\lambda}{hc} = \frac{1}{mc} \left(1 - c - s \Theta_{\delta} \right)$$

(By it some is a pain in the ass to keep withy I thene I his in)

$$\frac{1}{\lambda} - \lambda = \frac{h}{mec} \left(\left(- c \right) + \Theta_{\delta} \right)$$

Counts

- Units => mec :s lough [c]=1 => [h] = E.)

- h oly depends on me d phys: I souths

"Compton vace-length of election"

Leo-le ~ (0° m "S: 7e d'éle décent

- Dx indepeld of x

=> 70 charge
$$\frac{32}{2} = \frac{32}{2}(1-C_{-5}O_8)$$

Nead x to be $\frac{32}{2} = \frac{32}{2}(1-C_{-5}O_8)$

Nead x to be $\frac{32}{2} = \frac{32}{2}(1-C_{-5}O_8)$

Nead x to be $\frac{32}{2} = \frac{32}{2}(1-C_{-5}O_8)$

Long-wealingth light ($\frac{3}{2}S_{-1} > \frac{1}{2}S_{-1}$)

Sould affect $\frac{32}{2} = \frac{32}{2} =$

Gret resistance to ide. Not Prodicted by mund.

Died consequer of E=hv + Related