REAS

$$\frac{C}{ND} = \frac{ND'}{C} \cos D + D \cos \theta$$

$$D = t = -\sqrt{\frac{2}{2} \cdot 2 \cdot cos}$$

$$D = \frac{2}{3}$$

c) 
$$|CF = hc(\frac{1}{3} - \frac{1}{3}) = 674.39eV.$$

E/

PC+Mc7> E E=(pc)2+((z~+~)c2) 1 = 0 > 2 pc ~ (17c2) > ( = 0) 2 + (lemma) c) Zpc 1002 + (me) >, 4 m2 c+ 4 mm c4 + 173/c4 7 pc/2 >> 4 m2 c 44 mm c 4 to pc 1- for my 4 m spect (1x +1) PCZZmcz(1+m) 7c= 2mc2 (1+/m) pc = 2mc? = [-6396x10)3] =1.02MeV.