A = 1,1.10 By - 1,1.10 = 1

$$E_{i} = \frac{E_{i}}{1 + \frac{E_{i}}{mc}} (1 - \cos \alpha) = \frac{1.96}{1 + \frac{1.96}{9.54}} (1 - \cos 30^{\circ})$$

$$E_{i}' = 1.055 \text{ MeV}$$

$$E_{i}'' = \frac{E_{i}}{1 + \frac{E_{i}'}{mc}} (1 - \cos 30^{\circ}) = 0.2174 \text{ MeV}$$

$$E_{i}'' = \frac{E_{i}''}{1 + \frac{E_{i}''}{mc}} (1 - \cos 450^{\circ}) = 0.2174 \text{ MeV}$$

$$E_{i}'' = \frac{1.6}{\pi} = \frac{4.136 \cdot 10^{-21} \text{ MeV}}{0.2174 \text{ MeV}} = \frac{3.10^{8} \text{ m/s}}{0.2174 \text{ MeV}}$$

$$\lambda = \frac{m \cdot c}{E_{i}''} = \frac{4.136 \cdot 10^{-21} \text{ MeV}}{0.2174 \text{ MeV}} = \frac{4.136 \cdot 10^{-12} \text{ m}}{1.602486.10^{-12}}$$

$$h = 6.626 \cdot 10^{-39} \text{ B} = \frac{1.460}{1.602486.10^{-12}} = \frac{4.136 \cdot 10^{-12}}{1.602486.10^{-12}}$$