10.12.14 (1) Cosing: Sahni 2 (2) Geg: D = 7.47 v = 0.7 cm  $m = 7.673.70^{-12} tg$  $a) f = \frac{7}{7} = \frac{7}{2\pi r}$ Count Kratt: = 1/2000 FL = 9. (E+VXB) 1F21=1F21  $\overline{T}_2 = \frac{m \cdot v}{r}$ V-191-131 = m-v2 XXX r = 191.13.1 X XX  $f = \frac{V}{2\pi r} = \frac{V - 191 - 187}{2\pi - m \cdot V}$ XXX  $= \frac{q-15}{2\pi m} = \frac{7.602-20^{\circ}(...(1.47))}{2\pi (...(1.673-20^{\circ})^{2})} = \frac{211112}{21112}$ b) Eminimax = = = m Vmax Vnax = 9.2. vmax Eminimax =  $\frac{2}{2}m \cdot \left(\frac{g \cdot B \cdot v_{max}}{m}\right) = \frac{q \cdot B^2}{2m} \cdot r_{max}$ = 46 MeV 7,57-10 bru-

