

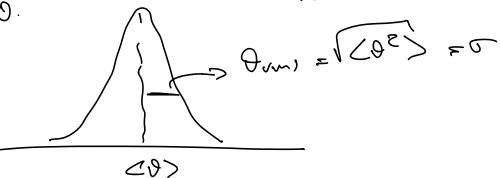
 $\frac{do}{dN}$

setion d'uto ditt. di Rether Ford.

dr= sinddodp = Zū sinodo

$$\frac{d6}{dr} \propto \frac{1}{\sin^4 \frac{9}{2}}$$

$$\frac{1}{2} \sin^4 \frac{9}{2} \sin^4 \frac{9}{$$

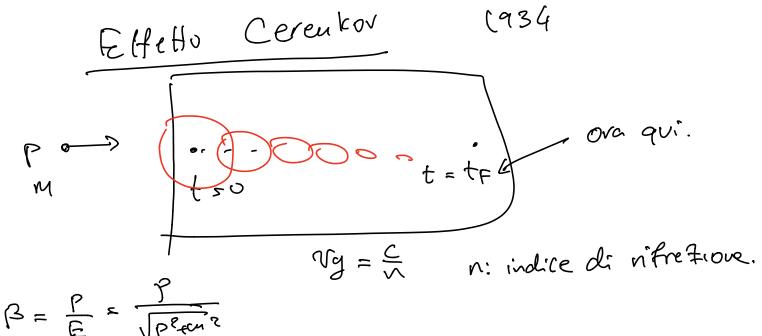


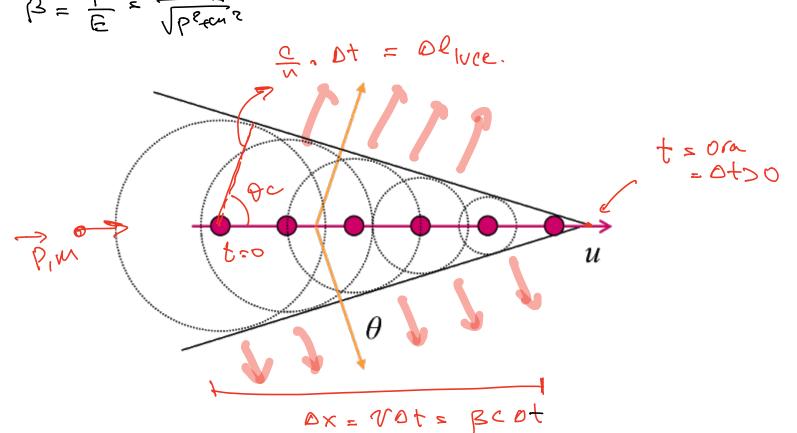
$$\sqrt{CO27} = 21MeV \frac{2pmi}{BP} \sqrt{x_0}$$
 x: Sperrore attrev. red metericle.

 $x_0 \propto P \frac{NA}{A} Z^2 ln (1837)$ Cavett. del metro non

Xo: lunghe 77e di vadia 7. are Xox PA Zul (1837-1/3) Carette del metto non del prosettile.

Interazione perticule coniche rel me 20.





$$\frac{\mathcal{E}}{n} \circ \mathcal{E} = \mathcal{E} \circ \mathcal{E} \circ \mathcal{E}. \quad \text{Cosde}.$$

$$\cos \partial \mathcal{E} = \frac{1}{\mathcal{E}^{n}} \quad \text{ansolve di Cerentov } \partial \mathcal{E}$$

$$\cos \partial \mathcal{E} \leq 1 \implies \mathcal{E} \Rightarrow \frac{1}{n} = \mathcal{E}^{n}.$$

$$\text{Elfelbe a Sostia.}$$

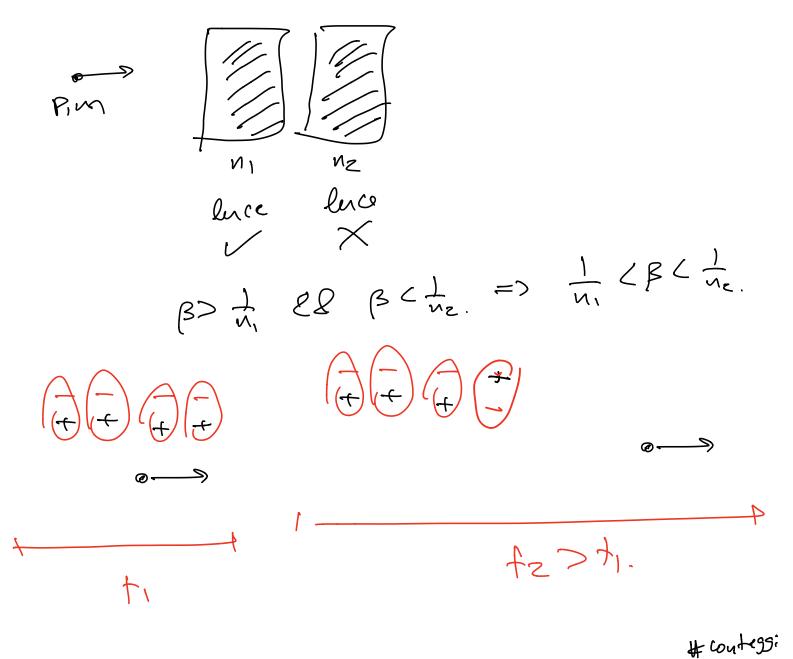
$$\text{Vetro}$$

$$emeth \qquad \text{info.}$$

$$\text{one with} \qquad \text{massa.}$$

$$N \cong 1.4$$

$$\mathcal{E} \Rightarrow \frac{\mathcal{E}^{n}}{n} \Rightarrow \frac{\mathcal{$$



(050c = 2n)
= 1 = 1 (1+(m)2)
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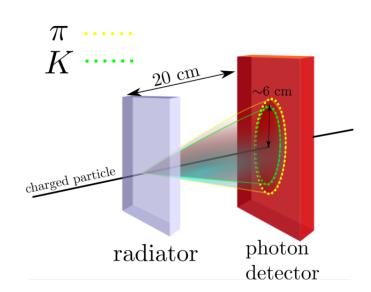
P>Ph= 1/421

Description of the second of

misuro p con spettrom

Se misuro (P, Oc) => Stime massa.

=> identifice 7, one particula.



quente enersie euresse con luce Cerentor?

 $\frac{d^{2}N}{dx dE} = \frac{\alpha z^{2}}{4c} \sin^{2}\theta c \qquad dall^{4}En.$ Z: practite.

At difotoni euressi per unité di spessore unité di ceressia.

luce blu: 400 nm. = 4×108×106 fm

luce rosso: 700 mm. = 7x00 x10 fm

 $E = h V = h \frac{c}{\Delta} = 2 \overline{u} \frac{f_{1} c}{\Delta} = 2 \overline{u} \frac{200 \text{ MeV} \times f_{00}}{\Delta}$

Blue E= 200 Meu fur = 3 x 108 eV.

= 3W.

E = 1.7 ev LOSSO :