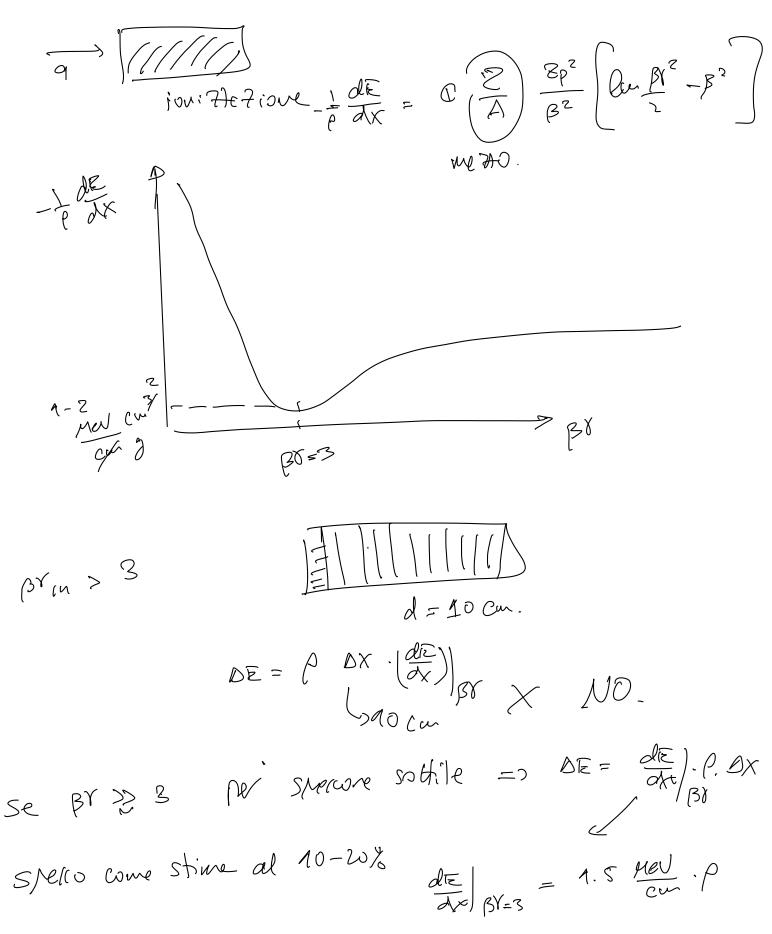
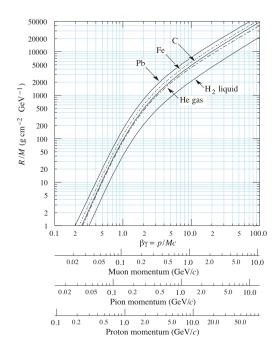
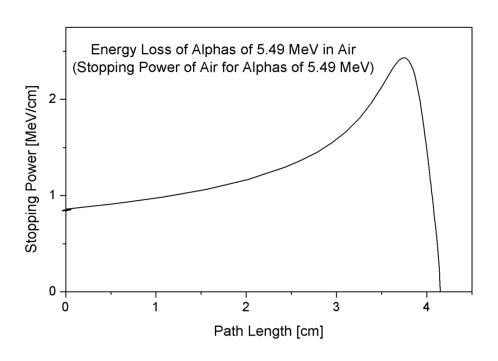
## Token 551 799



$$=\int_{-\frac{dE}{dx}}^{0} -\frac{dE}{dx} = \int_{-\frac{dE}{dx}}^{1} \frac{dE}{dx}$$

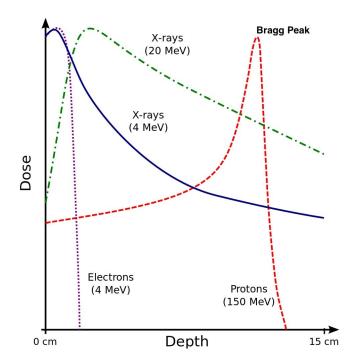


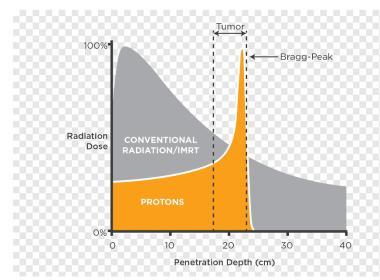
Stopping power [MeV cm²/g] μ<sup>+</sup> on Cu μ-Bethe Radiative Anderson-Ziegler Radiative effects reach 1%  $E\mu c$ Radiative Minimum ionization Juclear Without δ 104 10<sup>5</sup> 0.001 0.01 0.1 1 10 100 1000 0.110 100 10 100 10 100 [TeV/c][MeV/c][GeV/c]Muon momentum



Picco di Brogs CX Ka = 5.49 MeV. MeV.







advoteropia 12C

et si ferme steb instabile (et) e positronio protice mente posito vio etel > positionio -> decede  $e^{f} + e^{-f} \rightarrow y^{r} + y^{r}$   $e^{f} + e^{-f} + y^{r} + y^$ Perdute di evergic per Radiatione evesce rel me 770. V (Er, P-Pi) Zp.e  $ma = \frac{1}{4\pi c_0} \frac{2p}{r^2} = \frac{d tpt_B}{r^2}$  $P = \frac{2}{3} \frac{e^2}{m^2 r^3} \left| \tilde{y} \right|^2 \tilde{y} = \alpha$ potenze di irragsicular to

$$P = -\frac{2}{3} \frac{e^2}{M^2 c^3} \frac{dPr}{d\tau} \frac{dPr}{d\tau}$$

$$E = \gamma mc$$

$$P = \frac{2}{3} - \frac{e^2}{c} \gamma \left( \left( \frac{3}{3} \right)^2 - \left( \frac{3}{3} \times \frac{3}{3} \right)^2 \right)$$

$$\frac{e^2}{c\beta} = \frac{2}{3}$$

$$\frac{\vec{\beta}}{\vec{\beta}} = 0$$

$$P = \frac{2}{3} \frac{e^2 \times 6^2}{c^2}$$

$$C\beta$$

$$=\frac{2}{3}\frac{6}{3}$$

acceleratione auxilinee.

moto Circolore

$$\frac{1}{\beta^2} - (\beta \times \beta^2)^2 = \beta^2 - \beta^2 \beta^2 = \beta^2 (1 - \beta^2)$$

$$P = \frac{2}{3} \frac{e^{2}}{C^{3}} \sqrt{6} \frac{\alpha^{2}}{\gamma^{2}} = \frac{2}{3} \frac{c^{2}}{C^{3}} \alpha^{2} \sqrt{2}$$

$$P = \frac{2}{3} \frac{e^{2}}{C^{3}} \sqrt{6} \frac{\alpha^{2}}{\gamma^{2}} = \frac{2}{3} \frac{c^{2}}{C^{3}} \sqrt{2}$$

$$P = \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2} \sqrt{2}$$

X=x0 E(x0) = Eve = 2 80% E0

Conformatione red. con ion: It en cin di et Ke Is Ee= Ke the 1200 UR 2 Ee>Ec => Brewss. Ee < Ec = 1'on. 400 200 100 E<sub>c</sub> (MeV) 710 MeV Z + 0.92610 MeV + Solids 20 Gases 10 5 H Sn Li Be B C NO Ne Fe 10 20 50 100 Z

