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IN. 1 Conord Roundso.

Many and two distinguish him to she interestable of high energy particles which inthem. One is the electronicated at high energy particles which interestable interestables. The exception of the eliminated interestables into eachief one between the particles of pinters the particles with about of constants, who predominated of pinters by charged particles and the automatchination of pinters by charged particles and the automatchination of pinters aranged of another interestables are the spillinger before and protons. The protons and necessary anothers and protons, and protons and protons. The spelling anothers.

In the electromagnetic intermediation, we would sepulded a charged particle passes are an even. Locarding to Mean (A), if the Clateness of choose approach he lange, the intermedian will involve the passing particle and the even as a shoke. In this case, an empired are an ionisation of the acceptable the considerably the most imperfect. If the Clateness he closer to the extense he case, and the considerably the most imperfect. If the Clateness he closer to the extense for the considerably the passing particle disconstant, the imperception

evenic observers. The phonoment is enlice the impalment of the precise the state of the could need the precise precise parties will be desheated by the electe Chall, this phonomen is called sectional.

II.2 Intorestion of Gogula Rey Herricles with Restition of the Regulation of the Restitute.

a. <u>Lowinstion</u> The atom that locar one or more electrons in anid to be louised. The energy magnitude to louise the charaction emergy. The invisation may be entided by reflictions or collisions. Then considerly payliable pure through a medium, its energy may be louisetien.

Locarding to Richtmyor(II), the louisetien loss is given by the relation.

where B is a known constant, No is the charge of instants pertial, A(T) is a function of the volocity which various of $\frac{1}{2}$.

b. Scuttoring Then a charged purchase passes mean a mediene it will charge the direction of motion knows as scuttoring.

According to Ressi(4), Retherdord scattering Countle is given

by the volatileas

$$\mathbb{R}(\Theta) \otimes \mathbb{R} = \frac{4 \mathbb{R}^{2} \mathbb{R}^{2}}{\mathbb{A}} \left(\frac{\mathbb{L}_{\mathbb{R}}^{2}}{\mathbb{R}^{2}} \right) \otimes \mathbb{R} \qquad \text{where r_{e} is the radius}$$

$$\mathbb{R}(\Theta) \otimes \mathbb{R} = \frac{4 \mathbb{R}^{2} \mathbb{R}^{2}}{\mathbb{R}^{2}} \left(\frac{\mathbb{L}_{\mathbb{R}}^{2}}{\mathbb{R}^{2}} \right) \otimes \mathbb{R} \qquad \text{of electron.}$$

P(G)CH represent the prebability of sectioning to the limit of the limited of the continuent of the sections of the section of sections are sections. The section of the section.

6. Recognizer Recognized Recognized for the scalentica less of the translation is the to the the translation of scalentics in the translation in the translation of scalentics provides a scalentic station of scalentics as scalentics and the about station that the contractor of scalentics to season a pressure scalentics have the coletto by:

constant, Po 18 the chestronia form, the consist of the inchest for purifical of mass, \dot{m}_{e} , will be less than that

of the bearing problems, so that become in the lead of the formation of the composite of th

C. Nagions workings Commission positions which was needed in the commy by inch such a last electric collection which was a real one, in modium. If who is a last common provide to a common a real one, in may be absented by the commission to form a spallester succeive. The application secondary of the application secondary of the application secondary of the application secondary.

22.5 George Day Diers.

for the rey sters are seen in photographic emissions and in cloud charlens and in cloud charlens. Therefor been absorved in thich several tracks modified to specific like a ster in step. The sters are melated to surface districts absorption. The the step, called the prompt, are caused by ionizing purbleles produced in the medicar districts and for making purbleles force no trace in the medicar operations. The making purbleles produce stees in the analysis are probably those of silver or of breaken. The medicar of medicar of or of breaken, the probably those of silver or of breaken, the medicar that are probably those of silver or of breaken, the medicar of medicar of the area are personned so salied alphabation because in force are

ZI.4 Sunlintion Receivens

Spalletica section in a type of exclore receives in

This receives is being produced only which persists of high energy of error 100 for our cours, instant are neglect.

The receiver is divided into two stops, the first area of a section in a section in the first area of the receiver and find the receiver of the receiver area for the section of the receiver incide the receiver, which is the came of the receiver incide the receiver, which is the came of the receiver incide the receiver of order of order of the receiver of the

En cush process, a bid occupy inclinate parthele, thich new books as increase a large star. If a newless of 200 RoV till a amplocative rathers in the probabily cause a small star in thich two or four makeers that to everyonated increases.

Sko ster may be imitted from the bigh emergy photoms of above 188 Nov. For example, Bullula and Whelber (18) had obtained 4- prong atoms produced in a cloud charbon by games say bear between excepted of 180 Nov.

II.5 Maclony Gragodo Collidatena and Macloce Eversionitors.

Spallation reaction in classic explained by webs:
Formi gas nodel as shown by Gorra (13). The suchess of a

in which we have an about the constitute of the constitution of the statement of the state

So stated in the first of the following and the following in the following the following in the first of the following the following in the following the fo

where \mathbf{z}_j and \mathbf{z}_0 are number of elements characters of the smalless and the particle respectively. The realist relates to denoted by \mathbf{z}_0

A Bigit obergy persiste on thisises which the rections a second collision to thisises (2A) persistent with execute collision from the collision (2A) persistent with execute collision from a very the probabilities of generating other problems on the colly chartes existence and important. Here we have all the transcence will have messented in escaping after religious for collisioner. The accepting problems on purities action (see the collisioner) that accepting action to the collisioner. The accepting messence on purities accepting acceptance accepting acceptance.

Some of the macketic out througher colory firstive to elime garticles in the mackets. The excitables among of the analogs of the cut of the samether. I am shows by II. Notice ollin,

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Hamirin and Oroma (15), to be

$$\mathcal{B} \cap \mathcal{D}_{3} = \sum_{i=0}^{n} \mathcal{D}_{i} = (n-2)$$

whose E₁ is the energy of the fracting yertisis (in the Laboratery system), a is the series of the Coing Darbieles, and I is the average blasting starty of the A and Going particles. The excitation of the content of the avalence of the content of the avalence of the content of the avalence of compared with the last transfer of a lagrate droplet. The Cisiateprotion is avalenced of compared to a greecom of compared that.

The exector andless is cosmicioned to be becaused to a marke or temperature of in this will be the confidence of the temperature in the temperature is the temperature in the temperatur

where A is the tatal resises of mucleans in the sucleas, A is a constant of meanly 0.1.

Who necloses and pervisation of cheese mades 3 to 20,1.0.. geotern, workers, like yourselon and browses and the pertishes overcome and the pertishes according cause black tracks of opecable formation greater have then 10 Guin in the analysisms. Whe pertishes must have analysisms of contacting analysisms.

Disc probability of received their calkies with colly between I and their states for technology (13), as since

୍ଷ<mark>୍ମାରଙ୍କ ହି ଛିଟ ଫିବର ଅଧ୍ୟର୍</mark>ତିକ୍ରୀ ବିଚନ୍ଦ୍ରକ୍ରୀଣ୍ଡର ଅବନ୍ୟକ୍ଷ୍ୟ ହିଛା ବ୍ୟ**ର**ତ ହୁ ଅଧୀର୍ତ୍ତି - ରଣ ସିର୍ମିତ

The probability of chemput purbletue in

whose V_e is the Gowler's bussian.

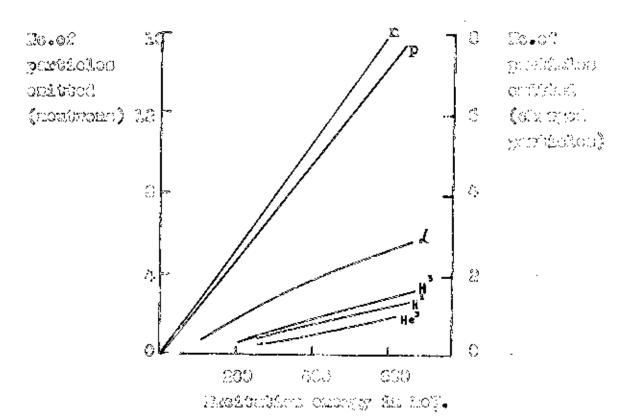


Fig.II . She were of everymented gurideses as a function of station of the section of the sectio

II.6 <u>Probabilition of Entention for Vertons Squar of a granded</u> Particles.

The reflect of erlander for various types of every and the greatest types of every and the gradual field and follows:

there y(A) denotes the rests of sidesise of sight positions. y(A)

to protone, <u>J(_2</u>) Econotes the satisfic of calleding of Corfamilia. V(t)

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thowo 2 රිංකල්මය ම්කා සම්බන්ධය සහ මාසේ ලදී මික පාන්ත්වේ සිංගුස්කම්ය.