

## III.1 Gozzanal Rozzania.

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of the pheasures involved on is either counted and further
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end Rusin(19) and haven by near others. They engagested that
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the informative is near security properties of the electromative
these to the seas Country properties of head onesteen considered
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is through the heart count of the electromate.

# III. & Abensyttes Gootficient out Absorption Whichson.

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I o I (€1/2)

viers I is the intensity of L-somperonts, he the Ceyth from

the top of the emergences our second in the entitle of TVV care of the collection to George and Jason(22).

The induntable of the Lambers is described as a second of such indulting with the thickness of the character. Who industrian process the thickness is the come. To copy(-all), there is the thickness in the the educative confidences. The character equation are not be uniform eas.

# I 4 Langers

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## TOTAL BERGINGS AND MARKET OF THE THORSES

5840 moos knoo pein may be engabered.

whose P(s) is the probability that the irrident probability the the irrident probabilities have been probabilities the terms of the the Clateries s.

The collision mean free sales of recession who mean this improved the control of the puritheless before undergoing are less inversebless are not be the correct as

where a is the summer of tengor pertision per wall value.

(is the effective eracs coatles over for collision. Compound Jason (25) have objectived the collision seem from pasts.

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$$\,\mathrm{m}$$
 cm  $^{-2}$  in classical 2, = 65 i 15  $\,\mathrm{m}$  cm  $^{-2}$ 

The experiments of high although of ditte(24) should this the even from path of H-ruys desirates which opensy. The collision mean from paths of mon-londsing H-rays in loud one not significantly different from their of lenders.

H-rays in the same element.

# HII.4 Elec Noon Pres Dath to hvelour Newton.

The mean free path in male an ratios  $T_{\rm Z}$  is defined as

where p is the number of evelopes you on one of the successions may be delicated from the general formula .

$$V_{n} = 2 \pi a^{3}$$

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the cometent o<sub>o</sub> le compresidently typel to 2.5 m 10<sup>-13</sup> on.

The number of merron per self-

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where  $P_{g}$  is the institute term for all the Hermil give in ( $\mathbb{F}_{g}^{\mathbb{F}}$ )/Fig. is noticely occurs to 20 lev. By is the institute of the institution and the institute  $\mathbb{F}_{g}$  .

#### III.5 Absorbalan Grann Sociaco.

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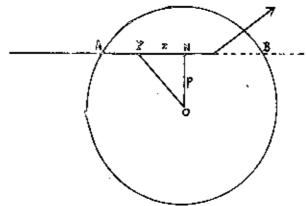


Figure parameter of the past is 5, the securities of the solution of the securities of the securities

Longth possible poth AD, so there the peoble Alliny of intersection along the posh in

$$1 - o^{-3(3)}$$
, where  $3(3) - \int_{\beta} \left[ \sqrt{(3^2 + 3^2)} \right]_{\alpha}^{\alpha} dx$ 

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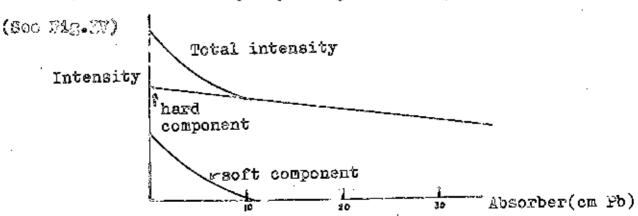
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# IZI.O Akaoppides of Various Spania Rev Composents.

a. March and Colt Company who colt compenset which is absented by chart 10 on of load compenset which is aloader, goodfrom and photoms. The hard compenset is made up prisonally of em-accome. The absorption out to as the compensate at the compensate passing through load was tablicated by Formity) as them.

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- IIIAOGOI	<b>3.</b> 2 307	G.55507/8	0.08 DOV/8
olostr <b>c</b> eh positran	. 0.5 Mov	<b>3.0 • 03</b> 57 <b>/</b> 3	20.0 mor/s

Stroot(29) and co-assisses at Interest bel estained the absorption comes of testal counts says by waing cosmic way telescope.



Pig.IXX Absorption order of coluic regal at sea level. (After Slouise)

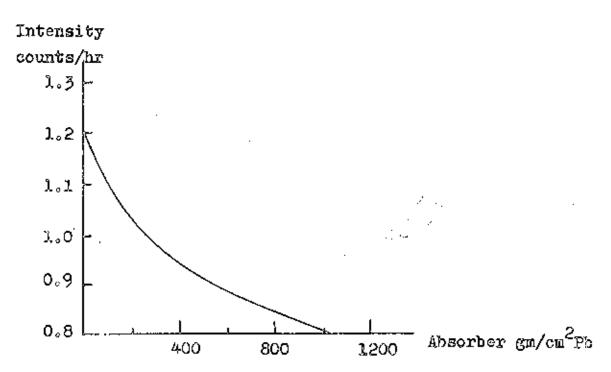


Fig. IV Absorption curve of cosmic rays, after Street (29).

b. Shower Component A number of observers have determined the absorption of shower components in lead. The absorption curve is referred to as a Rossi curve, shown by Cork(30), (See Fig.V)

#### Coincidences

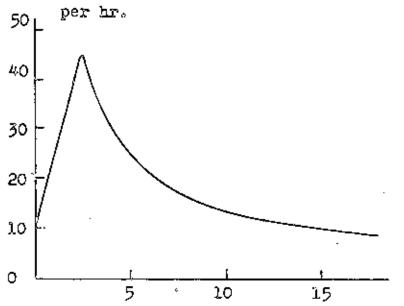


Fig.V Absorption of shower component in lead, after Cork(30)

Absorber om Pb

The probability that a may of a shower will penetrate a given thickness of lead was shown by Montgomery&Montgomery(31), as shown in Mig.VI.

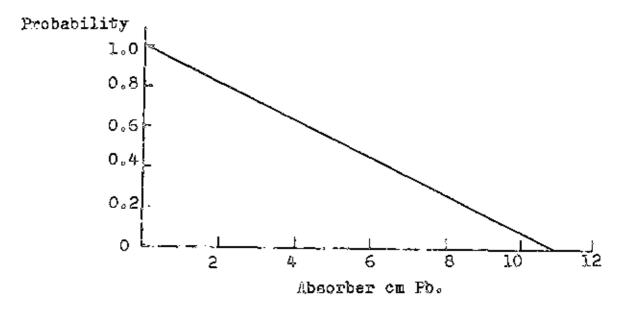


Fig. VI The probability that a ray of a shower will penetrate a given thickness of lead, after Montgomery (31).

Fig. VII Absorption curve of the star intensity in lead, after George and Jason(22).

ems eventual ten absorption convo, as shows in Fig. VII . Harm the experiment of Reliker(32) by using somes may telephone, . the absorption surve of S-reput in local ten obtained, as absorbed in local(4). (See Fig. VIII)

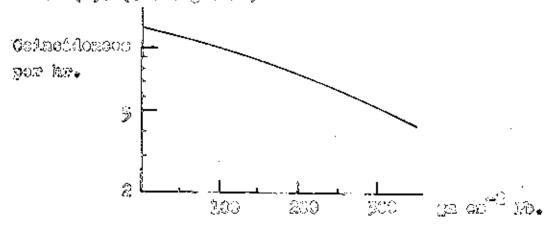


Fig. VIII Absorption curry of H-roys in load, after Absol(8).

# III.? Abcompaton Justo of Counte May of Different /1919-1910.

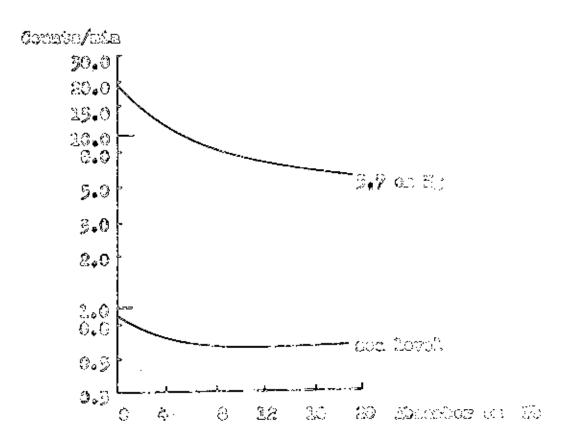
As high altitude the abcomption surve of course anymagement to be different from the the sea love beaution of the improveding murber of the seas competent of sea for level.

Schola, I. and Magre, V. I. (50) have suched the absomption of an altitude of 5.7 or II., by making believes filled with countries. The absomption curve is love unestabled as shows about the absomption of the two courses them the difference in the competition of the two courses and the competition of the course making an about one competition of the course making and according to all the competition of the course making and according an altitude of 5.7 on II.

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pomotration of the hard congenery, profeshionally su-counted.

But at the altitude of 5.7 as L3 the absorption is especially with an absorption respective about 1800 and 1800 alcillusted that at their of this emergy residence.



Mag. IX Sim upper curre circa the centric acte through corporal thicknesses of local objectment of electric corporations of the properties. The level curve circa the rate of the lovel. (Alter Scholm)