aroms

NUCLIE

· atom styl -> 10-10m ° Nucleus size → 10-15 m

* Distance of closest

· Total energy:-

$$re = -Kze^{z}$$

* mass deject:-Mnucleus < Mp + Mn.

$$\Delta M = Zm + (A-z)m - Mn$$

* 3 mpact parameter 8-

 $b = Kze^2 \cot\left(\frac{\theta}{2}\right)$

$$\frac{\sqrt{N}}{N_{xx}} = \frac{1}{N} = R \left(\frac{1}{N_{F}^{2}} - \frac{1}{N_{C}^{2}} \right)$$

$$R = 1.69 \times 10^{7}.$$

* Rydberg's FOHMula: - * Nuclear force: -
$$\frac{1}{N} = \frac{1}{N} = R\left(\frac{1}{n_F^2} - \frac{1}{n_c^2}\right)$$
(18 10 36 8 10 N

+3n'+Q

$$V = V_0 \frac{Z}{N}$$
1St orbit = $V = C$
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Nuclear density:-
$$\int f = \frac{3m}{4\pi Ro^3} = 2.29 \times 10^{17}$$
Same bor all.