杨南西. 2020011219 1. D= \$. S/p $\frac{S}{\rho} = \left(\frac{Z}{Z_{\rho}}\right)^{2} \left(\frac{S}{\rho}\right)_{\xi} = Z^{2} \left(\frac{S}{\rho}\right)_{\xi}. \qquad \xi = \frac{M\rho}{M} E = |MeV| \rightarrow \left(\frac{E}{\rho}\right)_{\xi} = 229.4 \text{ MeV. cm}/g$ = 917.64 MW cm/g = 1.468224 × 10 +1 J.m2/ kg. -> D = 1.468 ×10-8 J. 5-1. kg-1. 2. (Rpmax)Pb = (Z/MA)Pb (Pb (Rpmax)A) (Ppmax)AI = 1.279 / cm2. (Z/MA)AI = 13/27. (Z/MA)pb = 27/2. PAI= 2.79 cm3 (pb = 11.39 cm-3 -> (Ppmox) pb = 0.353 g/cm2 K = x. Tx = 4.22×10-6 Gy. st 4. E1 = 545.914 KeV. -> 有机玻璃图虚?73 0.1524 cm D=4.59 x10-8 AZ (Men) & (Ex) = TR1, A=3.7x10 By, Z=6.3, (Men) = 2.6x10 cm2/g. R=2m = 0.207 m Gy/h D= = 5 p Cy/h K = D = 41.4 →紹覧 d = 2.40m. 苦敷倒,所需有咖啡响层度诉加,从阻挡的射线逃逸 轮层多可减少,因为不再需要阻挡了射线.

5.
$$d = \frac{1}{5} \frac{1}{4} \frac{6.8 \cdot 8 \cdot 9}{4 \times 10^{-5} \cdot 10^{-5}}$$
, $E = 0.10^{-5} \cdot 10^{-5} \cdot 10^{$