X-deray (AX -) A-4Y + X + 9)
7 Brawe (disintegration energy) is due to the difference between rest mass energy at entrance & exit channel it is shared beth product nuclei.
2 t is shared beth product nuclei. Thereny shared between daughter nucleus (A-4 y) I & - Particle (an be
linear momentum:
Lest, the linear momentum is zero. 80, the final momentum of two Parts should be equal to gero.
magnitude voise, they considering direction one constants. The property of the property of the considering direction of the conside
$\frac{P_d^2}{2md} + \frac{P_d^2}{2m} = 9$
$\frac{p^2}{2}\left(\frac{m}{2}+md\right)=9$
$\frac{1}{2} = \frac{g}{m_{\chi}m_{d}} - 0$

0/0/22

$$-K_{\chi} = \frac{p^2}{2m_{\chi}} = \frac{g}{m_{\chi} + m_{\eta}}$$

$$Kd = \frac{p^2}{2md} = g \frac{m}{2md}$$

$$g = A \quad \text{K.E}_{\chi}$$