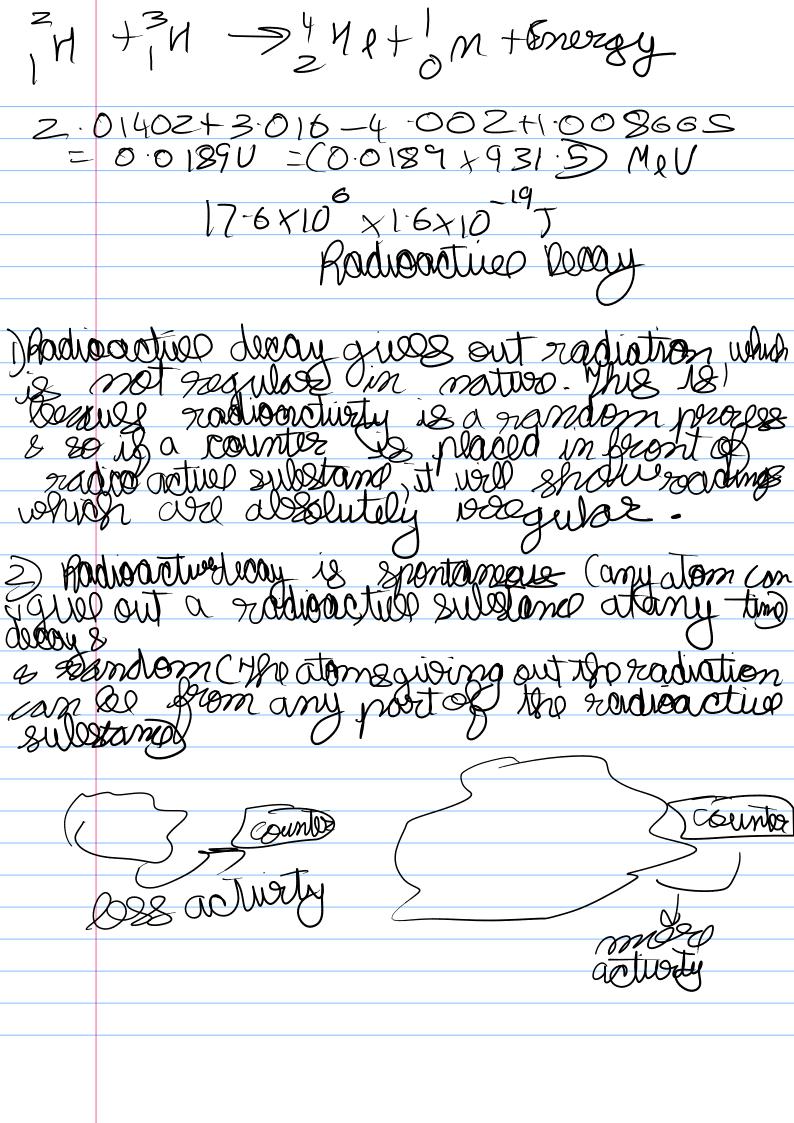
Mullor Physics E=mc=> speedos light
(3×102 m/2) Han the morgy relieved is given by
the formula of t Binding Enorgy
56
100181002 26 9 $M(p) = 1.673 \times 10^{27}$ $m(p) = 1.675 \times 10^{10}$ Kg $m(p) = 9.282 \times 10^{10}$ Kg mass of 26 botons = 4.35 ×10 mass of 26 newtrong = 5-025×10 The mass of the reactors & newtons is much greater than the wouldn't of the soon of much the ways has called the mass has been used as measy to had the pasters & newtons to have the much start of the pasters & newtons to have in the much stress to

called as the binding brongy. liftoand in moss blu Fla (NOP) - moss massalget = 9.378 × 10-28.288×10 = 8.7×10-28 = 2 Binding anoty = $8.7 \times 10 \times (3\times 10^{3})$ = 7.83×10^{15} Binding energy per nucleon=783×10 56 Fl = 1.4×10-12) mullon Preary elements Ruston Binding Foreston Alight elements UndenNo Mhi granhdos not pass through O lecouse is an atom had onweller number, then it house nous nous o trining energy How read of the graph occurs for (E) This means that this atom is the stronger

atom among all other diments. Minchar Fission $+8(mc^{2})$ +0.59Nuclear Lisson occurs whom a howynuc-lows looks up into smallor nucleis this is normally accompanied by the gellass of emorgy. Vuellar Fusion Mucleus fusion takes place when 2 light muching join together to forma newsor muching 0+0 -7 24 + 21 > 340 + n+ Energy Fusion requires alots entroy locause the midelic contain provides which repulsable through the sustain it as thomprey produced is not enough. Under fusion tople place in the sun

Bindipo form energy MUZ mullon nulles pumles Alusion reaction can only take place on the last sides the survival interaction control of the states and the states much the survival principles of places sinding energy so energy and le released of the survival energy and the surviv A lission reaction can only take place or Ado rught side of Dinamo invige were Locales the presents of the of beson house a gentles binding emergy than the original Suller -143.9992+22-9178 H3x(.0008) 235-0439 0.18387793M(V



4820	counterate bronn a aironn sample is also
(1)	countrate from a sulen sample is also a the actually of the sample (a). Hers try depends on the no. of atoms prosent to reaction material.
actu	the depende on the mo. of atoms prosent
in t	no radioachip matorial.
	Acturty & No. of atoms in the Earnyle
	semple
	n -) 1/
	A = X N
	N-> lecay constant
1600	Libe > the time taken by half the miles of atoms prosent in a given
AUX 2011	miles of a fame nearly to a dispose
Samy	ale to decay.
^	_
Deogy	time that a posticular nuclous was
	SOR JODAN
00 100	cogo was t
Actu	isty -> nhe note of decay of the
Sull	stoured of D
	$\eta = \underline{q} \underline{n}$
	0.607
Ž	= <u>0.645</u>
	1/2
	·

