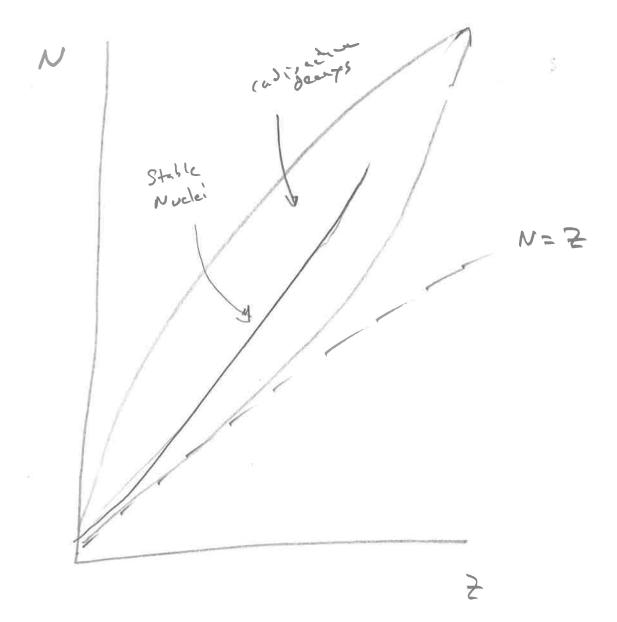
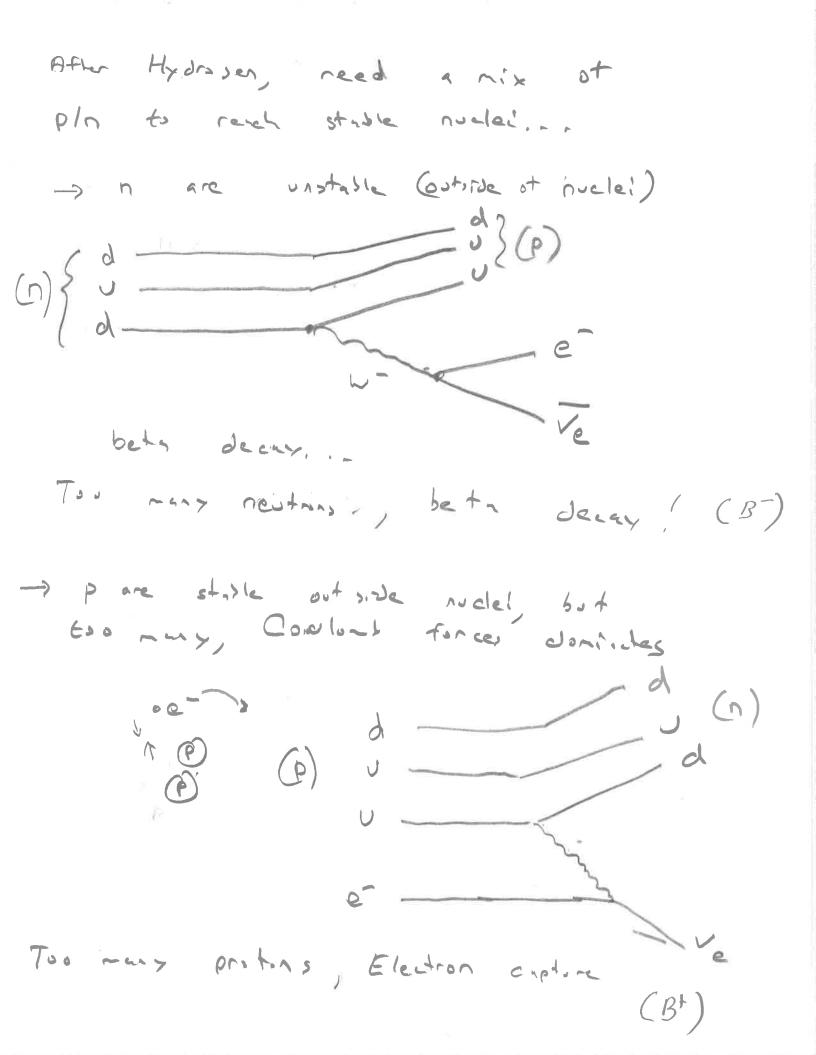
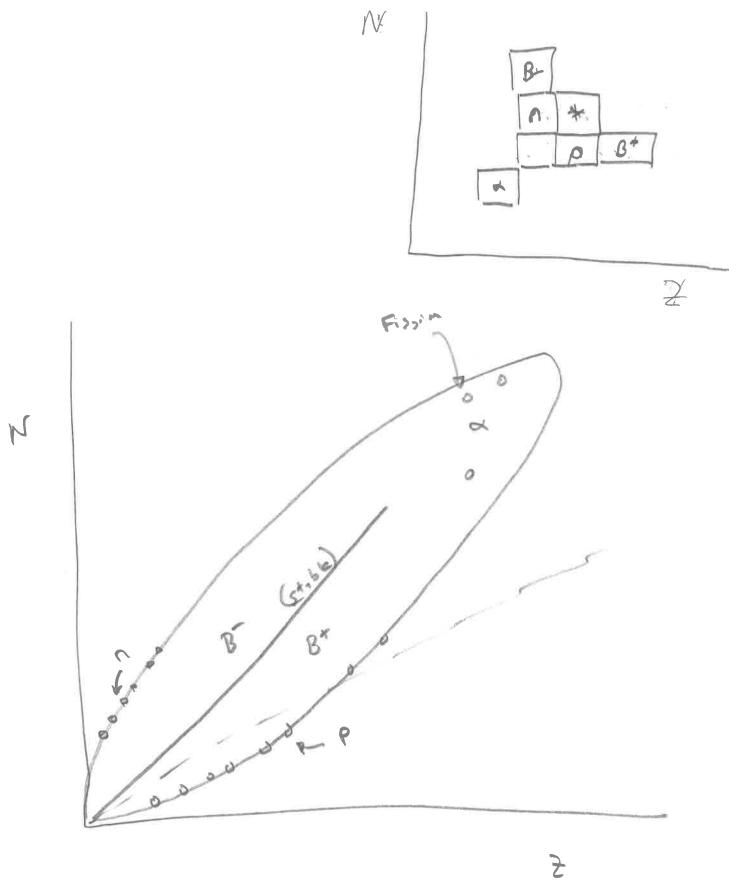
## Radioactive Occay





Too many proton, on neutrons; N=2, P=2 which is really just special case instace of nucleu fission: (Large) -> (Smill) + X oter (river) de cay pricesses i -> proton en issin -> neutrin emission Excers por a simply ejected, -> nectra entission is cornon as result of fission (extra neutros)

opportunity (quantum tomellig)



Often, nucleur derry, result in a nucleus trut is not in its ground state, It reaches ground state, It reaches ground state by 8 emaissim

(55) Cs 137

0.512 Mev 3 (56) B. 137 (4)

1.174 Mev 3

86 B. 137

56 B. 137

55 Cs 137: 136, 90709 and

55 Cs 137: 136, 40709 and 56 Ba 137: 136, 90582 and

DM = 0.00/27 ans (ans) c<sup>2</sup> = 931 ×10° eV Dm c<sup>2</sup> ~ (1.18 MeV) (27) Co 60

(0.31 MeV)

B (4120)

Y (1.17 MeV

(1.48 MeV)

Y (1.33 MeV

(28) N: 60

	Rassue of charged particles;
	£ 0
	2
	As chirsed perfected note through medium, loose energy is a number of medium,
	-> I sinize atoms by liberating electrons
	-> Millible Scattering, from nuclei
	The light protition acceleration convers respiration (bremsstray long)
1	(a) Photo-electric effect
G-V77	(b) Compton Seathering V
V	(c) Prir production Y
	Cascades:

Geizer Can her

Re

Chinber

(6)

100

