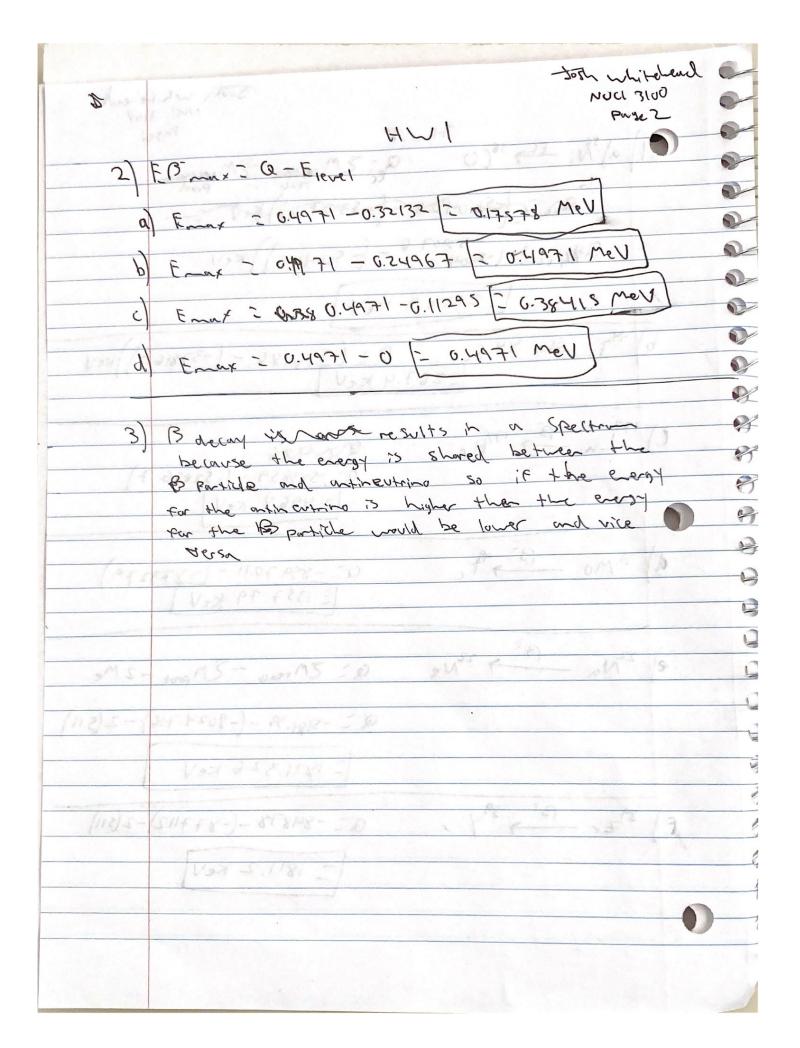
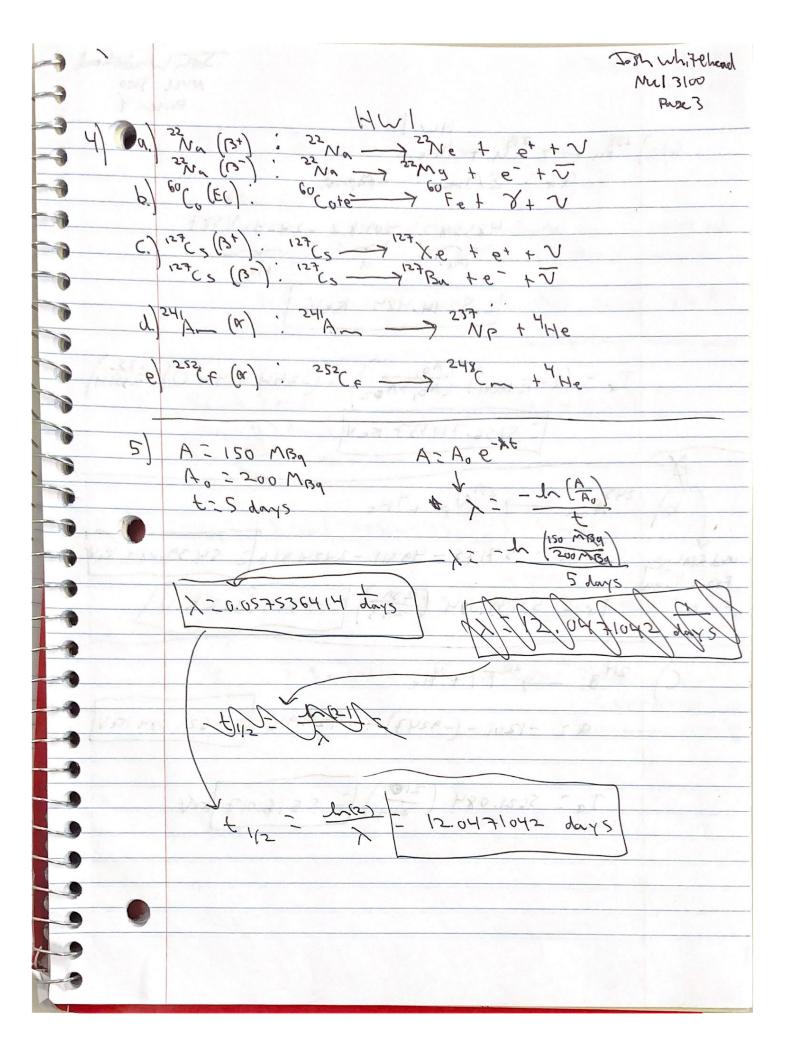
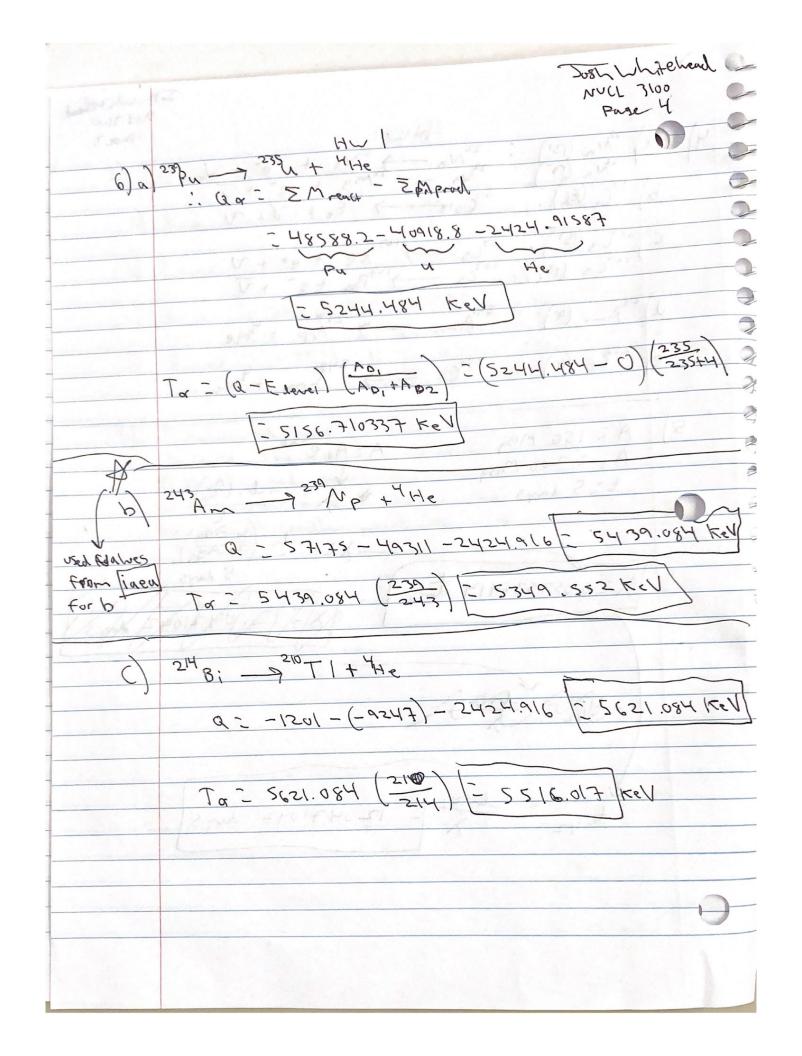
Josh whitehead Nucl 3100 DUIT LIVE a) N: Ect 26 CO G = SW Wardow - SW Woodow Pagel QE 1560409- 5390 F.6) KN affice = (-53007.6 - [-56040.5] KeV 1-21329 KeV 447 EC> 44 Sc : Q= (-37548.6 - (-37816.0) KeV 2267.4 KeV Sept B Q: -52383.9 - (-52886. 7) = 496.8 KeV 99 MO 3 99 (2-85970.11-(-87327.9) = 1357.79 KeV a: EMreay - EMprot - 2Me-Q = -5181.39 - (-8024.716) -2(511) - 1821.326 KeV Q - - 84878 - (-877112) - 2(511) - 1811,2 KeV







187 b your undergo both of and B decay. beauton It can undergo or decay because it is heavy and unstable and it can undergo B decay because ASSZ. And the Chart or nuclides says 88% B and 1210 9 N=2.5 mal N=No exp (-XE) 1 = 43 days Nyz= 2.5 exp (-0.01612 - 43) = 1.25 mol Ne - 2.5 exp (-0.01612 · 6.30.5) = 0,130861638 ~~01 N = 2.5 exp (-0.01612-1-12.30.5) = was ~ 01× FUPPY8, 2 5

Josh Whitehead Rage 6 HWI A=Ao exp(-x.t) + 112 = 4 days F115 0.173586702 Tons 2 days before: t = -2 cotton to their all had DENA H= H7 EXP (-0.173286795 - - 5 1-66.46803743 0 2 4 7 2 days after: t=+2 3 : A= H7exp(-0.175286795-2) 33.23401872Ba - 01-3 FW 1948. W

Jost whitehead NUCL 3100 Pase 7 10 A=3.5 M(; = 3.5×10-6 C; = 3.5×10-6 C; • 3.7×10-6 Ba A= 129500 By = 129500 dps 1 - In(2) - en(2) - 4.90369 × 10 - 18 1 - 4.90369 × 10 - 5ec using A= XN - N= A - 15 d 200 atum 4.90369 X10-18 I => 2.64087×1022 atam . 1~01 - C.047853666 mal 2354