

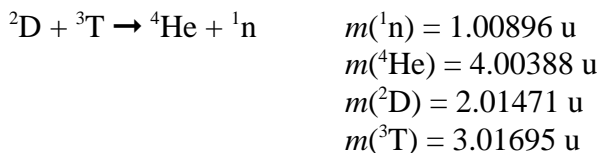
MSC 1012 questions for Chapter 10 set 6

Nuclear energy:

NAME _____

To convert "u" to MeV: $1 \text{ u} = 9.64 \times 10^{10} \text{ MeV}$.

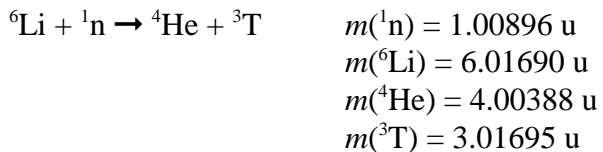
- 1) Calculate the mass defect in the reaction and the amount of energy in MeV produced by 1 u of ^2D (and excess of ^3T):



ANS: _____ u

ANS: _____ MeV

- 2) Calculate the mass defect in the reaction and the amount of energy in MeV produced by 1 u of ^6Li .



ANS: _____ u

ANS: _____ MeV