

Ph 444 Problem Set 8

Due: Tuesday, November 30, 2010

1. Ryden problem 10.1 (Suppose the neutron decay time were $\tau_n = 89$ s instead of $\tau_n = 890$ s ...)
2. Ryden problem 10.2 (Suppose the difference in rest energy of the neutron and proton were $Q_n = (m_n - m_p)c^2 = 0.129$ MeV instead of $Q_n = 1.29$ MeV ...)