

Corrections for Duderstadt and Hamilton “Nuclear Reactor Analysis”

Page 21 – Third line from the top should be x not dx

P. 27, Eq. 2-37 $\Gamma_n(E_c) = \Gamma_n(E_0) \sqrt{\frac{E_c}{E_0}}$

P. 335, Table 8-2 for the 6.67 eV resonance $\sigma_0 = 2.16 \times 10^4$ barns

P. 345, Eq 8-113 should read $\beta' \equiv \frac{\sum_s^m \Gamma}{N_A \sigma_0 \Gamma_\gamma}$

P. 419, Fig. 10-10 the abscissa (x-axis) should be $R\Sigma_t^F$