$$\frac{MWd \cdot within \cdot fuel}{tonne \cdot fuel} = \frac{A}{m'} \bullet \left( - \right)$$

$$\frac{MWd \cdot within \cdot fuel}{tonne \cdot U} = 1.85 \bullet 10^{-18} \left( \frac{m' E_f}{\rho A} \right) \bullet \left( - \right)$$

$$\frac{fissions}{cm^3} = 6.02 \bullet 10^{21} \bullet \left( \frac{\rho N_t}{m' N_U} \right) \bullet \left( - \right)$$

$$\% \cdot of \cdot all \cdot atoms \cdot fissioned = \frac{N_U}{N_t} \bullet \left( - \right)$$

$$\% \cdot of \cdot all \cdot U \cdot atoms \cdot fissioned = 100 \frac{N_f \sigma_f}{N_U} \bullet \left( - \right)$$

$$neutron \cdot fluence = nvt$$