# UNIT

$$\text{RATE} = \sum (\text{FLUX}) \times (\text{CROSS SECTION})$$

$$\sim 10^{10}\ \text{cm}^{-2}\text{s}^{-1} \times 10^{-46}\ \text{cm}^2$$

$$1\ \ SNU \quad = \quad 10^{-36}\ \text{INTERACTIONS PER TARGET}$$

$$\text{ATOM PER SEC}$$