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$$1. D_m = \frac{Q}{e} \frac{\bar{W}_a}{m} \times S_a^m, \text{ 设此计数器放大倍数为 } A.$$
$$= \frac{Q}{Ae} \frac{\bar{W}_a}{m} S_a^m$$

$$2. D_m = \frac{1.65 \times 10^{-9} \text{ C} \times 33.97 \text{ J/C} \times 1.1}{1.29 \times 10^{-3} \text{ g/cm}^3 \times 0.5 \text{ cm}^3} \approx 95.6 \text{ mGy}.$$