



Lit: M. Stockner thesis

"http://cern.ch/blm/Talks_and_papers/stockner/thesis_mstockner_cern_11_2007.pdf"

Charge to dose conversion factor:

$$Q_D := 53 \frac{\mu\text{C}}{\text{Gy}}$$

Onset of saturation (charge):

$$Q_{\text{saturation}} := 0.16 \mu\text{C}$$

Onset of saturation (dose):

$$D_{\text{saturation}} := \frac{Q_{\text{saturation}}}{Q_D} = 3.019 \times 10^{-3} \cdot \text{Gy}$$