

Cross-sections

Maxime Levillain

March 3, 2017



- ▶ N_{prod} and N_{empty} number of moller electrons in a theta bin
- ▶ $N_{0 prod}$ and $N_{0 empty}$ live charge

$$\frac{d\sigma}{d\Omega} = \frac{N_{prod} - N_{empty} * N_{0 prod} / N_{0 empty}}{\text{thickness} \cdot N_{0 prod} \cdot \sin(\theta) \cdot \Delta\theta}$$

