~~PROJECT MEETING~~ ~~22/10/2020~~

Cross Section Notes from Standard Model ~~fx425~~ fx395 23/10/2020

$$\sigma = \frac{1}{\phi_p} \frac{n_{int}}{t \cdot n_t}$$

ϕ_p = flux = # particles type p / time / area = flux of incoming particles

$\frac{n_{int}}{t \cdot n_t}$ = interaction rate per target particle

n_{int} = # interactions
t = time
n_t = target particles