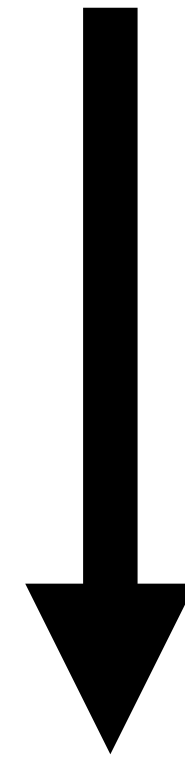


$$N_{\text{int}}^{(\nu_i)}(E_\nu) = \int d\phi \quad n_T L_T \times \frac{d^2 N_{\nu_i}(E_\nu)}{dE_\nu} \times \frac{d^2 \sigma^{\nu_i A}(x, Q^2, E_\nu)}{dx dQ^2} \times \mathcal{A}(E_\ell, \theta_\ell, E_h)$$



$$N_{\text{int}}^{(\nu_i)}(E_\nu) = E_\nu \begin{array}{c} \xrightarrow{x_{\nu, \alpha}} \\ \downarrow \left[\begin{array}{ccc} \cdot & & \\ & \ddots & \\ & & \cdot & \ddots & \\ & & & \ddots & \cdot \end{array} \right] \end{array} \cdot \begin{array}{c} \left[\begin{array}{c} \cdot \\ \cdot \\ \cdot \end{array} \right] \downarrow x_{\nu, \alpha} \end{array}$$

FK-table

$f_{\nu_i}(x_{\nu, \alpha})$