

$$|\mathcal{M}_{\mathcal{N}}|^2 = \frac{m_{\mathcal{N}}^2}{m_N^2} \sum_{i,j=1}^{12} \sum_{N,N'=p,n} c_i^N c_j^{N'} F_{i,j}^{(N,N')} (v, q^2)$$