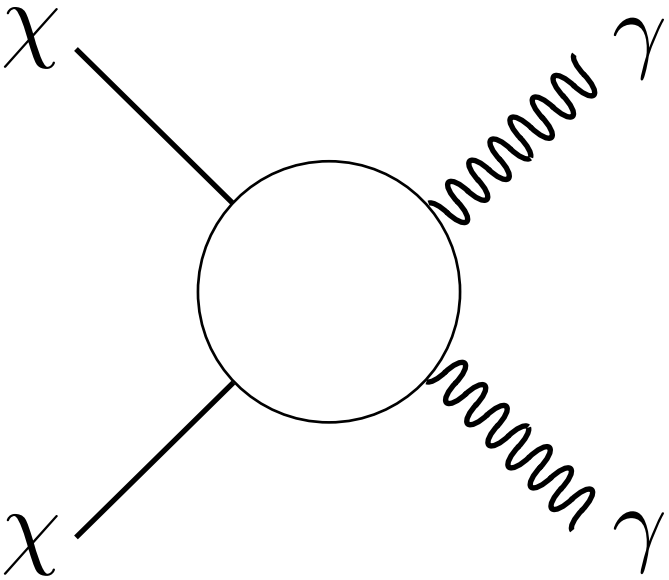
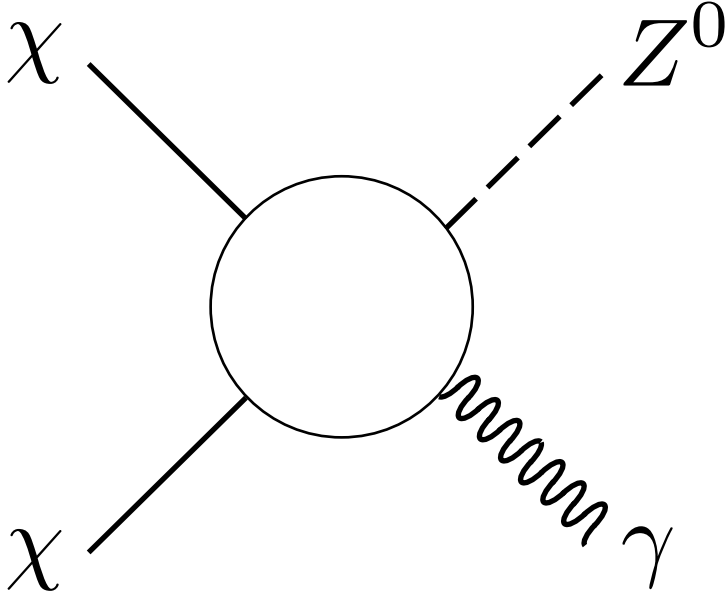


$$E_\gamma = m$$



$$E_\gamma = m\left(1 - \left(\frac{m_Z}{2m}\right)^2\right)$$