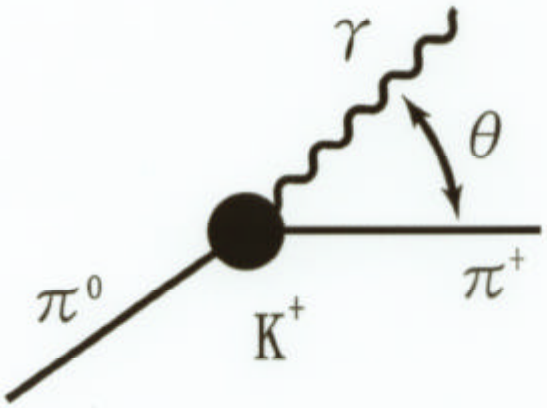
Decay Width

$$\frac{\partial^2\Gamma}{\partial T_+ \partial W} = \frac{\partial^2\Gamma_{IB}}{\partial T_+ \partial W}(1 + 2\frac{m_{\pi^+}^2}{m_K} Re(\frac{E}{eA})W^2 + \frac{m_{\pi^+}^2}{m_K^2}(|\frac{E}{eA}|^2 + |\frac{M}{eA}|^2)W^4)$$

IB + INT + DE



$$W^2 = \frac{E_\gamma^2 \times (E_{\pi^+} - P_{\pi^+} \times \cos\theta_{\pi^+\gamma})}{m_{K^+} \times m_{\pi^+}^2}$$

IB E_γ ↘ $\cos\theta_{\pi^+\gamma}$ ↗ W ↘

DE E_γ ↗ $\cos\theta_{\pi^+\gamma}$ ↘ W ↗