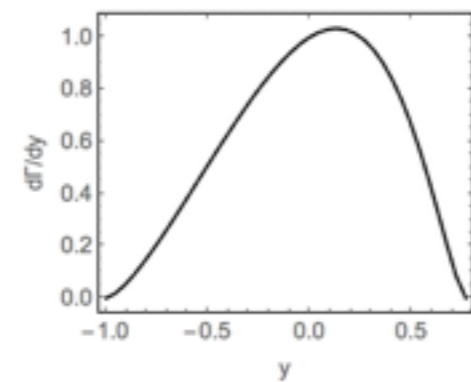
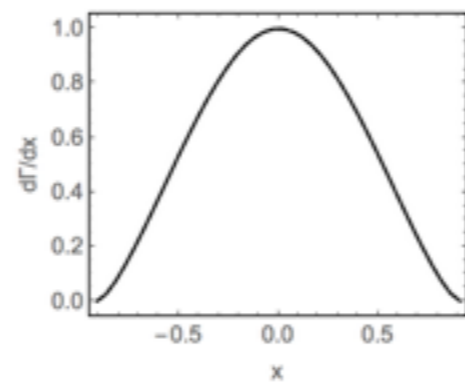
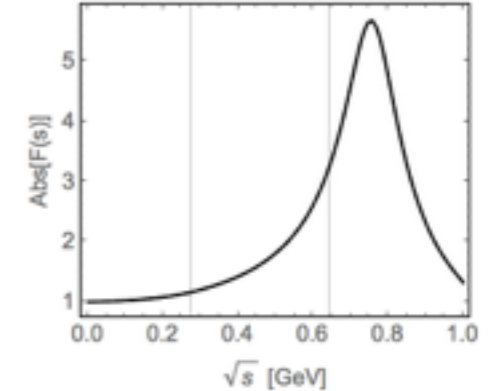
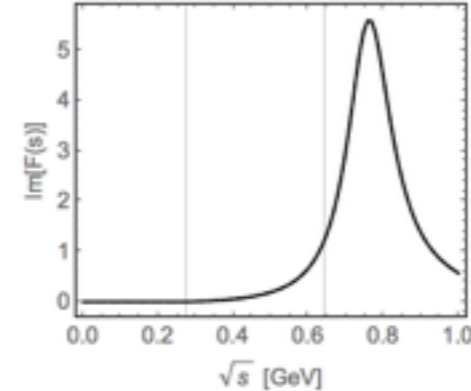
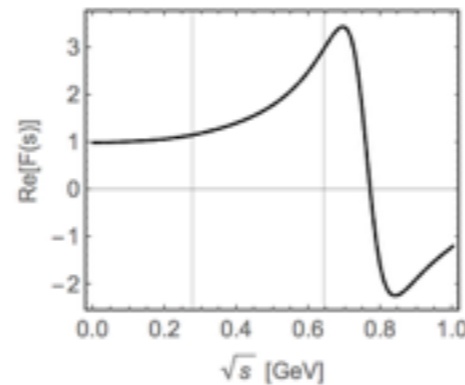
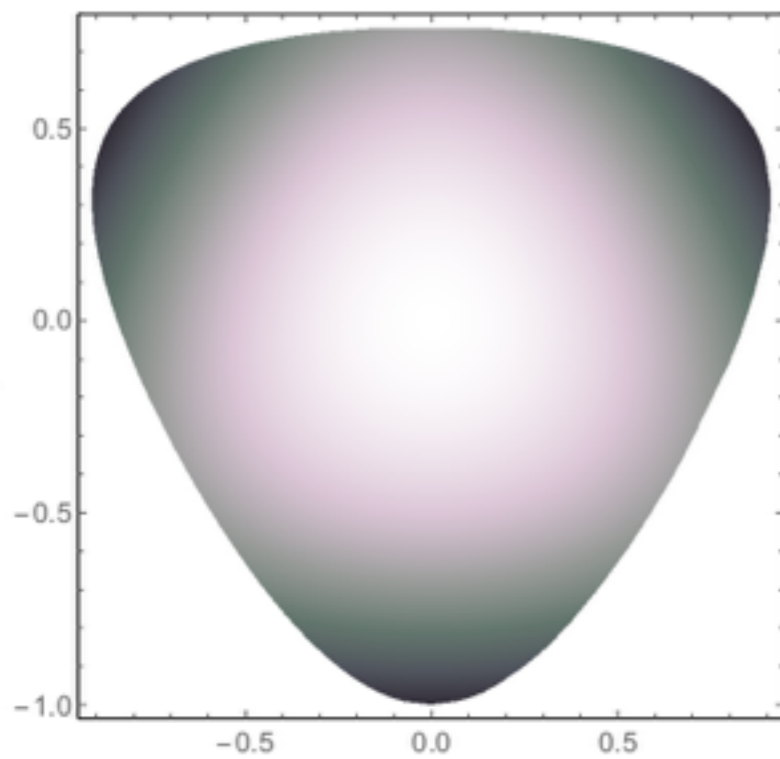


*Three pions decay of the omega
+ background*

$$\frac{d^2\Gamma}{ds dt} = \frac{1}{(2\pi)^3} \frac{1}{32M^3} \frac{1}{3} \sum_{\lambda} |H_{\lambda}^{\omega \rightarrow \pi^+ \pi^- \pi^0}|^2 = \frac{1}{(2\pi)^3} \frac{1}{32M^3} \frac{1}{3} P(s, t) |F(s, t, u)|^2,$$

$$P(s, t) = \frac{1}{4} \left(s t u - m_{\pi}^2 (M^2 - m_{\pi}^2)^2 \right),$$

$$F(s, t, u) = F(s) + F(u) + F(t)$$



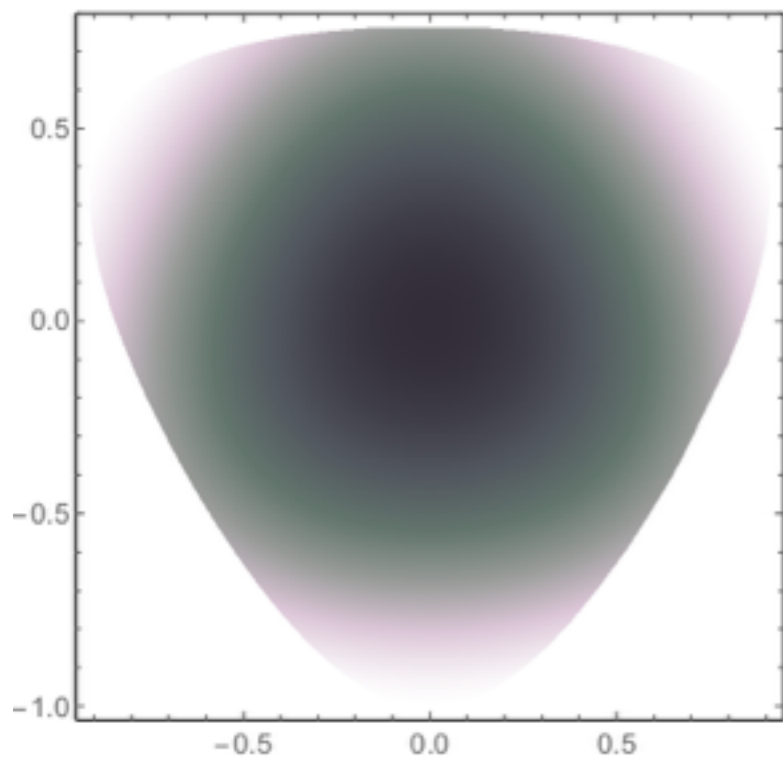
const=0, lgorPar=0

$$\frac{d^2\Gamma}{ds dt} = \frac{1}{(2\pi)^3} \frac{1}{32M^3} \frac{1}{3} \sum_{\lambda} |H_{\lambda}^{\omega \rightarrow \pi^+\pi^-\pi^0}|^2 = \frac{1}{(2\pi)^3} \frac{1}{32M^3} \frac{1}{3} P(s, t) |F(s, t, u)|^2,$$

$$P(s, t) = \frac{1}{4} \left(s t u - m_{\pi}^2 (M^2 - m_{\pi}^2)^2 \right),$$

$$F(s, t, u) = F(s) + F(u) + F(t) \quad + 3 \text{ Const}$$

Background



const=-3

