

$$\frac{d\Gamma_{\text{Lo}}}{dp_D^2 dp_{\bar{D}}^2} = \frac{g^2}{32\pi^3 f_\pi^2} 2\pi\gamma (\vec{p}_\pi \cdot \vec{\epsilon}_X)^2 \left[\frac{1}{p_D^2 + \gamma^2} + \frac{1}{p_{\bar{D}}^2 + \gamma^2} \right]^2$$