

i	T_i	$f_i(\theta_1, \theta_2, \Phi)$	$\mathcal{M}_i(m_{\pi\pi})$
1	$ A_0 ^2$	$\cos^2 \theta_1 \cos^2 \theta_2$	$ M_1(m_{\pi\pi}) ^2$
2	$ A_{\parallel} ^2$	$\frac{1}{4} \sin^2 \theta_1 \sin^2 \theta_2 (1 + \cos 2\Phi)$	$ M_1(m_{\pi\pi}) ^2$
3	$ A_{\perp} ^2$	$\frac{1}{4} \sin^2 \theta_1 \sin^2 \theta_2 (1 - \cos 2\Phi)$	$ M_1(m_{\pi\pi}) ^2$
4	$ A_{\parallel} A_0^* $	$\sqrt{2} \cos \theta_1 \sin \theta_1 \cos \theta_2 \sin \theta_2 \cos \Phi$	$ M_1(m_{\pi\pi}) ^2 \cos(\delta_{\parallel} - \delta_0)$
5	$ A_S ^2$	$\frac{1}{3} \cos^2 \theta_2$	$ M_0(m_{\pi\pi}) ^2$
6	$ A_{\perp} A_S^* $	$\frac{\sqrt{6}}{3} \sin \theta_1 \cos \theta_2 \sin \theta_2 \sin \Phi$	$\text{Re}[M_1(m_{\pi\pi}) M_0^*(m_{\pi\pi}) e^{i\delta_{\perp}}]$
7	$ A_0^{1270} ^2$	$\frac{5}{12} (3 \cos^2 \theta_1 - 1)^2 \cos^2 \theta_2$	$ M_2(m_{\pi\pi}) ^2$
8	$ A_{\parallel}^{1270} ^2$	$\frac{5}{2} \sin^2 \theta_1 \sin^2 \theta_2 \cos^2 \theta_1 \cos^2 \Phi$	$ M_2(m_{\pi\pi}) ^2$
9	$ A_{\perp}^{1270} ^2$	$\frac{5}{2} \sin^2 \theta_1 \sin^2 \theta_2 \cos^2 \theta_1 \sin^2 \Phi$	$ M_2(m_{\pi\pi}) ^2$
10	$ A_{\parallel}^{1270} A_0^{1270*} $	$\frac{5}{4\sqrt{6}} (3 \cos^2 \theta_1 - 1) \sin 2\theta_1 \sin 2\theta_2 \cos \Phi$	$ M_2(m_{\pi\pi}) ^2 \cos(\delta_{\parallel}^{1270} - \delta_0^{1270})$
11	$ A_{\parallel}^{1270} A_S^* $	$\frac{\sqrt{10}}{3} \sin \theta_1 \cos \theta_1 \sin \theta_2 \cos \theta_2 \cos \Phi$	$\text{Re}[M_2(m_{\pi\pi}) M_0^*(m_{\pi\pi}) e^{i\delta_{\parallel}^{1270}}]$
12	$ A_0^{1270} A_S^* $	$\frac{\sqrt{5}}{3} (3 \cos^2 \theta_1 - 1) \cos^2 \theta_2$	$\text{Re}[M_2(m_{\pi\pi}) M_0^*(m_{\pi\pi}) e^{-i\delta_0^{1270}}]$