

Component	Parameter	Floated			NR	
		Baseline	$D_1(2430)$	QMI	$D^*\pi^- 1^-$	$T_{c80}^*(2900)^{++}$
$D_1(2420)$	$-\ln \mathcal{L}$	-1670.16	-1671.12	-1674.18	-1683.01	-1694.94
	$\text{Re}(c_{0,1})$	-0.088 ± 0.033	-0.08 ± 0.05	-0.06 ± 0.04	-0.085 ± 0.034	-0.101 ± 0.035
	$\text{Im}(c_{0,1})$	-0.22 ± 0.06	-0.26 ± 0.06	-0.26 ± 0.05	-0.22 ± 0.05	-0.22 ± 0.06
	$\text{Re}(c_{2,1})$	1.0 (fixed)	1.0 (fixed)	1.0 (fixed)	1.0 (fixed)	1.0 (fixed)
	$\text{Im}(c_{2,1})$	0.0 (fixed)	0.0 (fixed)	0.0 (fixed)	0.0 (fixed)	0.0 (fixed)
	$\mathcal{F}(\text{S-wave})$	0.038 ± 0.017	0.050 ± 0.024	0.046 ± 0.018	0.040 ± 0.018	0.036 ± 0.019
$D_1(2430)$	$\mathcal{F}(\text{D-wave})$	0.71 ± 0.04	0.71 ± 0.05	0.651 ± 0.022	0.71 ± 0.04	0.66 ± 0.04
	$\text{Re}(c_{0,1})$	1.64 ± 0.16	1.44 ± 0.25	-	1.60 ± 0.16	1.90 ± 0.20
	$\text{Im}(c_{0,1})$	0.23 ± 0.17	-0.06 ± 0.24	-	0.32 ± 0.17	0.05 ± 0.24
	$\text{Re}(c_{2,1})$	-0.33 ± 0.26	-0.35 ± 0.23	-	-0.36 ± 0.28	-0.11 ± 0.26
	$\text{Im}(c_{2,1})$	-0.05 ± 0.13	0.03 ± 0.15	-	-0.02 ± 0.13	-0.09 ± 0.14
	m_0 [GeV]	2.412 (fixed)	2.378 ± 0.025	-	2.412 (fixed)	2.412 (fixed)
	Γ_0 [GeV]	0.314 (fixed)	0.24 ± 0.06	-	0.314 (fixed)	0.314 (fixed)
$1^+ S$ QMI	$\mathcal{F}(\text{S-wave})$	0.142 ± 0.025	0.139 ± 0.031	-	0.137 ± 0.025	0.17 ± 0.04
	$\mathcal{F}(\text{D-wave})$	0.005 ± 0.009	0.007 ± 0.012	-	0.006 ± 0.008	0.001 ± 0.004
$D_2^*(2460)$	0.122 ± 0.024	-	-	-	-	-
	$\text{Re}(c_{2,1})$	-0.64 ± 0.04	-0.64 ± 0.05	-0.67 ± 0.04	-0.62 ± 0.05	-0.66 ± 0.05
	$\text{Im}(c_{2,1})$	0.00 ± 0.07	-0.00 ± 0.07	0.03 ± 0.07	0.01 ± 0.07	-0.03 ± 0.07
$D_0(2550)$	$\mathcal{F}(\text{D-wave})$	0.117 ± 0.014	0.116 ± 0.014	0.116 ± 0.014	0.109 ± 0.014	0.115 ± 0.016
	$\text{Re}(c_{1,1})$	-0.15 ± 0.05	-0.15 ± 0.05	-0.21 ± 0.06	-0.15 ± 0.06	-0.11 ± 0.06
	$\text{Im}(c_{1,1})$	-0.19 ± 0.05	-0.19 ± 0.05	-0.18 ± 0.05	-0.21 ± 0.06	-0.08 ± 0.06
$D_1^*(2600)$	$\mathcal{F}(\text{P-wave})$	0.023 ± 0.008	0.023 ± 0.008	0.026 ± 0.008	0.027 ± 0.009	0.007 ± 0.005
	$\text{Re}(c_{1,1})$	0.53 ± 0.07	0.54 ± 0.07	0.54 ± 0.07	0.34 ± 0.09	0.50 ± 0.09
	$\text{Im}(c_{1,1})$	0.17 ± 0.09	0.17 ± 0.09	0.19 ± 0.10	0.25 ± 0.12	0.41 ± 0.11
$D_2(2740)$	$\mathcal{F}(\text{P-wave})$	0.048 ± 0.010	0.049 ± 0.010	0.047 ± 0.009	0.028 ± 0.013	0.059 ± 0.015
	$\text{Re}(c_{1,1})$	0.15 ± 0.07	0.17 ± 0.06	0.19 ± 0.07	0.16 ± 0.07	0.11 ± 0.07
	$\text{Im}(c_{1,1})$	-0.00 ± 0.09	0.00 ± 0.09	0.03 ± 0.08	0.00 ± 0.09	-0.08 ± 0.11
	$\text{Re}(c_{3,1})$	0.39 ± 0.07	0.40 ± 0.07	0.40 ± 0.08	0.39 ± 0.08	0.42 ± 0.07
	$\text{Im}(c_{3,1})$	-0.04 ± 0.11	-0.03 ± 0.11	-0.05 ± 0.10	-0.00 ± 0.12	-0.14 ± 0.11
	$\mathcal{F}(\text{P-wave})$	0.004 ± 0.004	0.004 ± 0.004	0.005 ± 0.005	0.004 ± 0.004	0.003 ± 0.004
NR 1 ⁻	$\mathcal{F}(\text{F-wave})$	0.023 ± 0.007	0.025 ± 0.008	0.023 ± 0.007	0.022 ± 0.008	0.027 ± 0.008
	$\text{Re}(c_{1,1})$	-	-	-	0.053 ± 0.018	-
	$\text{Im}(c_{1,1})$	-	-	-	0.034 ± 0.020	-
	α [GeV ⁻²]	-	-	-	0.99 ± 0.30	-
NR $D_s^+ \pi^+$	$\mathcal{F}(\text{P-wave})$	-	-	-	0.025 ± 0.009	-
	$\text{Re}(c_{0,0})$	-	-	-	-	-0.006 ± 0.008
	$\text{Im}(c_{0,0})$	-	-	-	-	0.021 ± 0.014
	$\text{Re}(c_{1,1})$	-	-	-	-	0.063 ± 0.035
	$\text{Im}(c_{1,1})$	-	-	-	-	0.007 ± 0.013
	$\text{Re}(c_{2,2})$	-	-	-	-	-0.062 ± 0.033
	$\text{Im}(c_{2,2})$	-	-	-	-	0.034 ± 0.026
	α [GeV ⁻²]	-	-	-	-	-0.32 ± 0.14
	$\mathcal{F}(\text{S-wave})$	-	-	-	-	0.028 ± 0.014
	$\mathcal{F}(\text{P-wave})$	-	-	-	-	0.048 ± 0.014
$T_{c80}^*(2900)^{++}$	$\mathcal{F}(\text{D-wave})$	-	-	-	-	0.019 ± 0.010
	$\text{Re}(c_{1,1})$	-	-	-	-	0.17 ± 0.05
	$\text{Im}(c_{1,1})$	-	-	-	-	0.04 ± 0.07
	$\mathcal{F}(\text{P-wave})$	-	-	-	-	0.012 ± 0.008