

Amplitude	$ c_k $	$\arg(c_k)$ [rad]	Fit fraction [%]
$D^0 \rightarrow [\phi(1020)(\rho - \omega)^0]_{L=0}$	1 (fixed)	0 (fixed)	$23.78 \pm 0.38$
$D^0 \rightarrow K_1(1400)^+ K^-$	$0.63 \pm 0.01$	$1.03 \pm 0.02$	$18.93 \pm 0.46$
$D^0 \rightarrow [K^- \pi^+]_{L=0} [K^+ \pi^-]_{L=0}$	$0.28 \pm 0.00$	$-0.60 \pm 0.02$	$18.76 \pm 0.36$
$D^0 \rightarrow K_1(1270)^+ K^-$	$0.46 \pm 0.01$	$2.03 \pm 0.02$	$18.40 \pm 0.37$
$D^0 \rightarrow [K^*(892)^0 \bar{K}^*(892)^0]_{L=0}$	$0.28 \pm 0.00$	$-0.28 \pm 0.02$	$9.23 \pm 0.21$
$D^0 \rightarrow [K^*(1410)^0 [K^- \pi^+]_{L=0}]_{L=1}$	$1.82 \pm 0.03$	$0.44 \pm 0.02$	$6.59 \pm 0.15$
$D^0 \rightarrow [K^*(892)^0 \bar{K}^*(892)^0]_{L=1}$	$0.27 \pm 0.01$	$1.21 \pm 0.02$	$5.00 \pm 0.16$
$D^0 \rightarrow K_1(1270)^- K^+$	$0.22 \pm 0.01$	$2.12 \pm 0.03$	$4.20 \pm 0.17$
$D^0 \rightarrow [K^+ K^-]_{L=0} [\pi^+ \pi^-]_{L=0}$	$0.12 \pm 0.00$	$-2.53 \pm 0.03$	$3.12 \pm 0.17$
$D^0 \rightarrow [K^*(1410)^0 \bar{K}^*(892)^0]_{L=0}$	$0.69 \pm 0.02$	$2.95 \pm 0.03$	$2.97 \pm 0.15$
$D^0 \rightarrow K_1(1400)^- K^+$	$0.24 \pm 0.01$	$0.10 \pm 0.04$	$2.73 \pm 0.18$
$D^0 \rightarrow [\bar{K}^*(1410)^0 K^*(892)^0]_{L=1}$	$0.82 \pm 0.02$	$-2.78 \pm 0.02$	$2.62 \pm 0.10$
$D^0 \rightarrow [\bar{K}^*(1410)^0 [K^+ \pi^-]_{L=0}]_{L=1}$	$1.03 \pm 0.02$	$1.07 \pm 0.02$	$2.32 \pm 0.09$
$D^0 \rightarrow [\phi(1020)(\rho - \omega)^0]_{L=2}$	$1.31 \pm 0.03$	$0.54 \pm 0.02$	$2.28 \pm 0.08$
$D^0 \rightarrow [K^*(892)^0 \bar{K}^*(892)^0]_{L=2}$	$0.69 \pm 0.02$	$2.87 \pm 0.03$	$1.80 \pm 0.10$
$D^0 \rightarrow \phi(1020) [\pi^+ \pi^-]_{L=0}$	$0.05 \pm 0.00$	$-1.70 \pm 0.04$	$1.47 \pm 0.09$
$D^0 \rightarrow [K^*(1410)^0 \bar{K}^*(892)^0]_{L=1}$	$0.61 \pm 0.02$	$0.09 \pm 0.03$	$1.46 \pm 0.08$
$D^0 \rightarrow [\phi(1020)\rho(1450)^0]_{L=1}$	$0.76 \pm 0.04$	$1.18 \pm 0.04$	$0.97 \pm 0.09$
$D^0 \rightarrow a_0(980)^0 f_2(1270)^0$	$1.46 \pm 0.06$	$0.33 \pm 0.04$	$0.64 \pm 0.05$
$D^0 \rightarrow a_1(1260)^- \pi^+$	$0.19 \pm 0.01$	$0.18 \pm 0.06$	$0.47 \pm 0.06$
$D^0 \rightarrow a_1(1260)^+ \pi^-$	$0.19 \pm 0.01$	$-2.80 \pm 0.07$	$0.47 \pm 0.06$
$D^0 \rightarrow [\phi(1020)(\rho - \omega)^0]_{L=1}$	$0.16 \pm 0.01$	$0.27 \pm 0.07$	$0.43 \pm 0.05$
$D^0 \rightarrow [K^*(1410)^0 \bar{K}^*(892)^0]_{L=2}$	$1.03 \pm 0.08$	$-2.52 \pm 0.08$	$0.33 \pm 0.05$
$D^0 \rightarrow [K^+ K^-]_{L=0} (\rho - \omega)^0$	$0.21 \pm 0.02$	$3.06 \pm 0.08$	$0.29 \pm 0.04$
$D^0 \rightarrow [\phi(1020)f_2(1270)^0]_{L=1}$	$1.40 \pm 0.10$	$1.72 \pm 0.06$	$0.19 \pm 0.02$
$D^0 \rightarrow [K^*(892)^0 \bar{K}_2^*(1430)^0]_{L=1}$	$1.51 \pm 0.09$	$1.98 \pm 0.07$	$0.16 \pm 0.02$

Sum of fit fractions  
 $\chi^2/\text{ndf}$   $129.62 \pm 0.95$   
 $9224/8123 = 1.14$

$a_1(1260)^+ \rightarrow [\phi(1020)\pi^+]_{L=0}$	1 (fixed)	0 (fixed)	100
$K_1(1270)^+ \rightarrow [K^*(892)^0 \pi^+]_{L=0}$	$0.62 \pm 0.02$	$0.59 \pm 0.03$	$51.64 \pm 0.89$
$K_1(1270)^+ \rightarrow (\rho - \omega)^0 K^+]_{L=0}$	1 (fixed)	0 (fixed)	$48.33 \pm 1.82$
$K_1(1270)^+ \rightarrow [K^+ \pi^-]_{L=0} \pi^+$	$0.58 \pm 0.03$	$-1.89 \pm 0.04$	$5.35 \pm 0.44$
$K_1(1270)^+ \rightarrow [K^*(892)^0 \pi^+]_{L=2}$	$0.92 \pm 0.05$	$-2.56 \pm 0.04$	$2.06 \pm 0.17$
$K_1(1270)^+ \rightarrow [\rho(1450)^0 K^+]_{L=0}$	$0.43 \pm 0.07$	$-2.29 \pm 0.11$	$1.12 \pm 0.38$
Sum of fit fractions			$108.49 \pm 2.08$
$K_1(1400)^+ \rightarrow [K^*(892)^0 \pi^+]_{L=0}$	1 (fixed)	0 (fixed)	100