

| Decay chain $a$                              | Decay chain $b$                              | Interference Fraction [%] |
|--|--|---------------------------|
| $\bar{K}^*(892)^0 \rho(770)^0$               | $a_1(1260)^+ K^-$                            | $5.74 \pm 0.03 \pm 0.1$   |
| $[\bar{K}^*(892)^0 \rho(770)^0]^{L=2}$       | $\bar{K}^*(892)^0 \rho(770)^0$               | $-2.59 \pm 0.02 \pm 0.07$ |
| $[K^+ \pi^-]^{L=0} [\pi^+ \pi^-]^{L=0}$      | $a_1(1260)^+ K^-$                            | $2.4 \pm 0.03 \pm 0.14$   |
| $a_1(1260)^+ K^-$                            | $\rho(770)^0 [K^- \pi^+]^{L=0}$              | $2.14 \pm 0.07 \pm 0.26$  |
| $[\bar{K}^*(892)^0 \rho(770)^0]^{L=2}$       | $a_1(1260)^+ K^-$                            | $-1.76 \pm 0.01 \pm 0.08$ |
| $[\bar{K}^*(892)^0 \rho(770)^0]^{L=1}$       | $[\rho(1450)^0 \bar{K}^*(892)^0]^{L=1}$      | $-1.55 \pm 0.02 \pm 0.18$ |
| $K_1(1270)^- \pi^+$                          | $\bar{K}^*(892)^0 \rho(770)^0$               | $-1.05 \pm 0.02 \pm 0.14$ |
| $K_1(1400)^- [\bar{K}^*(892)^0 \pi^-] \pi^+$ | $\bar{K}^*(892)^0 \rho(770)^0$               | $0.96 \pm 0.02 \pm 0.1$   |
| $\bar{K}^*(892)^0 \rho(770)^0$               | $\rho(1450)^0 \bar{K}^*(892)^0$              | $-0.83 \pm 0.05 \pm 0.11$ |
| $[\bar{K}^*(892)^0 \rho(770)^0]^{L=2}$       | $[\rho(1450)^0 \bar{K}^*(892)^0]^{L=2}$      | $0.81 \pm 0.04 \pm 0.13$  |
| $K(1460)^- \pi^+$                            | $\bar{K}^*(892)^0 [\pi^+ \pi^-]^{L=0}$       | $0.78 \pm 0.03 \pm 0.1$   |
| $\bar{K}^*(892)^0 \rho(770)^0$               | $[K^- \pi^+]^{L=0} [\pi^+ \pi^-]^{L=0}$      | $0.73 \pm 0.01 \pm 0.03$  |
| $\bar{K}^*(892)^0 [\pi^+ \pi^-]^{L=0}$       | $a_1(1260)^+ K^-$                            | $-0.68 \pm 0.01 \pm 0.07$ |
| $K_1(1270)^- \pi^+$                          | $K_1(1400)^- [\bar{K}^*(892)^0 \pi^-] \pi^+$ | $-0.67 \pm 0.02 \pm 0.12$ |
| $K(1460)^- \pi^+$                            | $\bar{K}^*(892)^0 \rho(770)^0$               | $-0.66 \pm 0.02 \pm 0.05$ |
| $a_1(1260)^+ K^-$                            | $\rho(1450)^0 \bar{K}^*(892)^0$              | $-0.63 \pm 0.02 \pm 0.08$ |
| $[\bar{K}^*(892)^0 \rho(770)^0]^{L=2}$       | $K(1460)^- \pi^+$                            | $-0.6 \pm 0.02 \pm 0.07$  |
| $K(1460)^- \pi^+$                            | $\rho(1450)^0 \bar{K}^*(892)^0$              | $0.51 \pm 0.01 \pm 0.06$  |