| Resonance         | Var | Baseline | $I_{00, 1q}$ | $-2 \log L$ | Comb. | $\max(|\cos|)$ | $T_{p \pm}$ | Efficiency | Weights | Flaté | $I_{00, I}$ | Joint |
|------------------|-----|----------|-------------|------------|-------|---------------|------------|------------|---------|-------|-----------|-------|
| $K^*(892)^-$     | FF  | 29.5 ± 0.6 ± 1.6 | 1.30 | 0.15 | 0.32 | 0.49 | 0.27 | 0.25 | 0.41 | 0.26 | 0.25 | 0.47 |
|                  | $a_R$ | 4.7 ± 0.5 ± 1.1 | 0.30 | 0.81 | 0.29 | 0.28 | 0.45 | 0.22 | 0.09 | 0.06 | 0.04 | 0.05 |
|                  | $\phi_R$ (°) | −106 ± 6 ± 25 | 6.3 | 18.1 | 11.0 | 8.0 | 7.4 | 5.3 | 0.9 | 1.9 | 1.5 | 0.6 |
|                  | FF  | 3.1 ± 0.6 ± 1.6 | 1.13 | 0.99 | 0.13 | 0.22 | 0.36 | 0.21 | 0.11 | 0.06 | 0.07 | 0.11 |
| $(K_S^0 \pi)^-_{S\text{-wave}}$ | $a_R$ | 0.58 ± 0.05 ± 0.11 | 0.07 | 0.07 | 0.01 | 0.01 | 0.05 | 0.02 | 0.02 | 0.00 | 0.01 | 0.00 |
|                  | $\phi_R$ (°) | −164 ± 6 ± 31 | 19.0 | 2.0 | 13.2 | 13.0 | 12.3 | 7.7 | 1.8 | 3.2 | 2.5 | 0.2 |
|                  | FF  | 5.4 ± 0.9 ± 1.7 | 1.16 | 0.94 | 0.33 | 0.59 | 0.06 | 0.33 | 0.23 | 0.11 | 0.14 | 0.12 |
| $K^*(892)^0$     | $a_R$ | 0.410 ± 0.010 ± 0.021 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 |
|                  | $\phi_R$ (°) | 176 ± 2 ± 9 | 4.4 | 2.4 | 4.4 | 4.7 | 3.6 | 2.4 | 0.2 | 0.4 | 0.3 | 0.2 |
|                  | FF  | 4.82 ± 0.23 ± 0.35 | 0.02 | 0.27 | 0.15 | 0.08 | 0.08 | 0.08 | 0.06 | 0.04 | 0.02 | 0.03 |
| $K^*(1410)^0$    | $a_R$ | 6.2 ± 0.5 ± 1.4 | 1.13 | 0.09 | 0.38 | 0.22 | 0.07 | 0.17 | 0.54 | 0.26 | 0.13 | 0.03 |
|                  | $\phi_R$ (°) | 175 ± 4 ± 14 | 0.9 | 13.4 | 1.9 | 2.9 | 1.4 | 1.1 | 1.2 | 1.8 | 0.2 | 0.7 |
|                  | FF  | 5.2 ± 0.7 ± 1.6 | 0.25 | 0.37 | 0.83 | 0.62 | 0.32 | 0.24 | 0.90 | 0.44 | 0.22 | 0.09 |
| $K_2^*(1430)^0$  | $a_R$ | 6.3 ± 0.5 ± 1.7 | 1.17 | 0.82 | 0.72 | 0.35 | 0.32 | 0.13 | 0.23 | 0.27 | 0.15 | 0.09 |
|                  | $\phi_R$ (°) | −139 ± 5 ± 21 | 16.2 | 3.8 | 6.5 | 7.4 | 4.8 | 2.7 | 4.4 | 2.5 | 2.2 | 0.3 |
|                  | FF  | 7 ± 1 ± 4 | 2.84 | 1.66 | 1.60 | 0.71 | 0.69 | 0.30 | 0.37 | 0.55 | 0.25 | 0.41 |
| $(K\pi)^0_{S\text{-wave}}$ | $a_R$ | 3.7 ± 0.3 ± 1.8 | 1.46 | 0.65 | 0.55 | 0.03 | 0.45 | 0.12 | 0.11 | 0.09 | 0.03 | 0.01 |
|                  | $\phi_R$ (°) | 100 ± 10 ± 70 | 57.6 | 13.1 | 9.0 | 13.6 | 3.2 | 10.6 | 20.4 | 11.9 | 7.0 | 0.4 |
|                  | FF  | 12 ± 1 ± 8 | 6.60 | 0.83 | 2.75 | 2.68 | 2.20 | 0.54 | 0.92 | 1.00 | 0.22 | 0.15 |
| $a_0(980)^+$     | $a_R$ | 1.8 ± 0.1 ± 0.6 | 0.25 | 0.44 | 0.11 | 0.14 | 0.06 | 0.10 | 0.04 | 0.20 | 0.03 | 0.01 |
|                  | $\phi_R$ (°) | 64 ± 5 ± 24 | 14.6 | 14.9 | 5.9 | 1.7 | 2.4 | 3.2 | 6.1 | 6.7 | 1.7 | 0.3 |
|                  | FF  | 11 ± 1 ± 6 | 2.43 | 4.86 | 1.42 | 1.75 | 0.81 | 1.15 | 0.68 | 1.40 | 0.36 | 0.27 |
| $a_0(1450)^+$    | $a_R$ | 0.44 ± 0.05 ± 0.13 | 0.10 | 0.01 | 0.01 | 0.06 | 0.03 | 0.02 | 0.03 | 0.01 | 0.01 | 0.00 |
|                  | $\phi_R$ (°) | −140 ± 9 ± 35 | 26.9 | 3.9 | 13.7 | 9.2 | 13.3 | 6.2 | 3.7 | 1.0 | 1.1 | 2.6 |
|                  | FF  | 0.45 ± 0.09 ± 0.34 | 0.27 | 0.01 | 0.00 | 0.15 | 0.09 | 0.03 | 0.08 | 0.03 | 0.02 | 0.00 |
| $\rho(1450)^+$   | $a_R$ | 2.3 ± 0.4 ± 0.8 | 0.16 | 0.26 | 0.29 | 0.14 | 0.52 | 0.30 | 0.02 | 0.23 | 0.15 | 0.08 |
|                  | $\phi_R$ (°) | −60 ± 6 ± 18 | 10.0 | 8.3 | 4.3 | 10.1 | 1.7 | 3.2 | 2.8 | 4.0 | 1.4 | 1.4 |
|                  | FF  | 1.5 ± 0.5 ± 0.9 | 0.08 | 0.16 | 0.38 | 0.23 | 0.30 | 0.35 | 0.03 | 0.25 | 0.16 | 0.51 |
| $\rho(1700)^+$   | $a_R$ | 1.04 ± 0.12 ± 0.32 | 0.23 | 0.09 | 0.07 | 0.15 | 0.09 | 0.05 | 0.06 | 0.02 | 0.01 | 0.01 |
|                  | $\phi_R$ (°) | 4 ± 11 ± 20 | 4.6 | 13.9 | 7.3 | 2.4 | 8.4 | 6.9 | 2.2 | 1.6 | 1.8 | 2.5 |
|                  | FF  | 0.5 ± 0.1 ± 0.5 | 0.39 | 0.12 | 0.07 | 0.13 | 0.02 | 0.06 | 0.05 | 0.02 | 0.01 | 0.11 |

$\chi^2$/bin | 1.07 | 1.09 | 1.07 | 1.06 | 1.04 | 1.06 | – | – | 1.07 | 1.07 | 1.12 |

DFF [%] | 80.7 | 78.5 | 71.3 | 84.9 | 83.4 | 82.9 | – | – | 79.9 | 80.5 | 81.5 |