

| Bin | $\mathcal{A}_{\text{raw}}^{D\pi} (\times 10^{-2})$ | $\mathcal{A}_{CP}^{D\pi} (\times 10^{-2})$ | $\mathcal{A}_{\text{det}}^{K\pi} (\times 10^{-2})$ | $\mathcal{A}_{\text{det}}^{\pi} (\times 10^{-2})$ | $\mathcal{A}_{\text{det}}^{\text{PID}} (\times 10^{-2})$ |
|-----|--|--|--|---|--|
| 1 | -1.1 ± 1.5 | $+0.08 \pm 0.05$ | -1.39 ± 0.22 | -0.04 ± 0.13 | -0.066 ± 0.006 |
| 2 | -1.5 ± 1.3 | $+0.08 \pm 0.05$ | -1.18 ± 0.15 | -0.05 ± 0.08 | $+0.017 \pm 0.017$ |
| 3 | -1.7 ± 1.1 | $+0.07 \pm 0.05$ | -1.19 ± 0.16 | -0.04 ± 0.09 | $+0.077 \pm 0.007$ |
| 4 | -1.1 ± 0.8 | $+0.07 \pm 0.05$ | -1.23 ± 0.21 | $+0.03 \pm 0.11$ | -0.0875 ± 0.0021 |
| 5 | -1.6 ± 0.7 | $+0.07 \pm 0.04$ | -1.03 ± 0.13 | $+0.03 \pm 0.08$ | -0.049 ± 0.004 |
| 6 | -1.5 ± 0.8 | $+0.06 \pm 0.04$ | -1.10 ± 0.13 | -0.02 ± 0.08 | $+0.2092 \pm 0.0033$ |
| 7 | -0.7 ± 0.8 | $+0.06 \pm 0.04$ | -0.84 ± 0.20 | $+0.04 \pm 0.13$ | -0.0606 ± 0.0026 |
| 8 | -2.6 ± 0.9 | $+0.05 \pm 0.04$ | -0.65 ± 0.12 | $+0.05 \pm 0.12$ | $+0.0645 \pm 0.0022$ |
| 9 | -0.2 ± 1.6 | $+0.04 \pm 0.04$ | -1.07 ± 0.11 | $+0.06 \pm 0.12$ | $+0.3951 \pm 0.0032$ |