| Parameter name | $|A_S|^2$ | $f_L$ | $f_\parallel$ |
|----------------|---------|------|---------|
| Value and statistical error | 0.037 ± 0.010 | 0.569 ± 0.007 | 0.240 ± 0.009 |

**Systematic uncertainties**

|                      | $|A_S|^2$ | $f_L$ | $f_\parallel$ |
|----------------------|---------|------|---------|
| Angular acceptance   | 0.044   | 0.011| 0.016   |
| Assumption $\delta_S(M_{K\pi}) = \text{constant}$ | 0.026   | 0.005| 0.002   |
| Total systematic error | 0.051  | 0.012| 0.016   |