

| Source | Uncertainty ($\times 10^2$) | | | | | |
|------------------------------------------------------------|-------------------------------|------------|------------|------------|----------------|----------------|
| | x_-^{DK} | y_-^{DK} | x_+^{DK} | y_+^{DK} | $x_\xi^{D\pi}$ | $y_\xi^{D\pi}$ |
| Mass shape | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.03 |
| Bin-dependent mass shape | 0.31 | 0.43 | 0.36 | 0.10 | 0.40 | 0.01 |
| PID efficiency | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.03 |
| Low-mass background model | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | 0.01 |
| Charmless background | 0.11 | 0.17 | 0.09 | 0.14 | 0.01 | 0.01 |
| CP violation in low-mass background | 0.05 | 0.22 | 0.07 | 0.14 | 0.15 | 0.13 |
| Semi-leptonic b -hadron decays | 0.07 | 0.08 | 0.03 | 0.07 | 0.17 | 0.56 |
| Semi-leptonic charm decays | 0.02 | 0.01 | 0.04 | 0.02 | 0.15 | 0.29 |
| $D \rightarrow K^\mp \pi^\pm \pi^+ \pi^-$ background | 0.02 | 0.09 | 0.01 | 0.06 | 0.25 | 0.61 |
| $\Lambda_b^0 \rightarrow p D \pi^-$ background | 0.16 | 0.04 | 0.13 | 0.04 | 0.01 | 0.12 |
| $D \rightarrow K^\mp \pi^\pm \pi^+ \pi^- \pi^0$ background | 0.09 | 0.11 | 0.44 | 0.08 | 0.12 | 0.46 |
| Fit bias | 0.19 | 0.27 | 0.07 | 0.19 | 0.51 | 0.21 |
| Total LHCb systematic | 0.43 | 0.60 | 0.61 | 0.32 | 0.76 | 1.03 |