

| Decay mode                            | Yield             | Fitted mass<br>[MeV/ $c^2$ ] | Corrected mass<br>[MeV/ $c^2$ ] | Resolution<br>scale factor | $\chi^2/\text{ndf}$ |
|---------------------------------------|-------------------|------------------------------|---------------------------------|----------------------------|---------------------|
| $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ | $4608 \pm 89$     | $1864.68 \pm 0.12$           | $1864.74 \pm 0.12$              | $1.031 \pm 0.021$          | 0.83                |
| $D^0 \rightarrow K^+ K^- K^- \pi^+$   | $849 \pm 36$      | $1864.73 \pm 0.15$           | $1864.75 \pm 0.15$              | $0.981 \pm 0.042$          | 0.92                |
| $D^+ \rightarrow K^+ K^- \pi^+$       | $68,787 \pm 321$  | $1869.44 \pm 0.03$           | $1869.50 \pm 0.03$              | $0.972 \pm 0.003$          | 2.5                 |
| $D_s^+ \rightarrow K^+ K^- \pi^+$     | $248,694 \pm 540$ | $1968.13 \pm 0.03$           | $1968.19 \pm 0.03$              | $0.971 \pm 0.002$          |                     |