

$$\begin{aligned}
& B_s^0 \rightarrow D_s^\mp [K_1(1270)^\pm [S, D] \rightarrow \pi^\pm K^*(892)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_1(1270)^\pm \rightarrow \pi^\pm K_0^*(1430)^0] \rightarrow f_0(500)^0 (D_s^\mp K^\pm)_S \\
& B_s^0 \rightarrow D_s^\mp [K_1(1270)^\pm \rightarrow K^\pm f_0(500)^0] \rightarrow f_0(500)^0 (D_s^\mp K^\pm)_P \\
& B_s^0 \rightarrow D_s^\mp [K_1(1270)^\pm \rightarrow K^\pm f_0(980)^0] \rightarrow f_0(980)^0 (D_s^\mp K^\pm)_S \\
& B_s^0 \rightarrow D_s^\mp [K_1(1270)^\pm [S, D] \rightarrow K^\pm \rho(770)^0] \rightarrow f_0(980)^0 (D_s^\mp K^\pm)_P \\
& B_s^0 \rightarrow D_s^\mp [K_1(1270)^\pm [S, D] \rightarrow K^\pm \rho(770)^0] \rightarrow \rho(770)^0 (D_s^\mp K^\pm)_S \\
& B_s^0 \rightarrow D_s^\mp [K_1(1400)^\pm [S, D] \rightarrow \pi^\pm K^*(892)^0] \rightarrow \rho(770)^0 (D_s^\mp K^\pm)_P \\
& B_s^0 \rightarrow D_s^\mp [K_1(1400)^\pm [S, D] \rightarrow K^\pm \rho(770)^0] \rightarrow f_2(1270)^0 (D_s^\mp K^\pm)_S \\
& B_s^0 \rightarrow D_s^\mp [K(1460)^\pm \rightarrow K^\pm f_0(500)^0] \rightarrow K^*(892)^0 (D_s^\mp \pi^\pm)_S \\
& B_s^0 \rightarrow D_s^\mp [K(1460)^\pm \rightarrow K^\pm \rho(770)^0] \rightarrow K^*(892)^0 (D_s^\mp \pi^\pm)_P \\
& B_s^0 \rightarrow D_s^\mp [K(1460)^\pm \rightarrow \pi^\pm K^*(892)^0] \rightarrow K_0^*(1430)^0 (D_s^\mp \pi^\pm)_S \\
& B_s^0 \rightarrow D_s^\mp [K(1460)^\pm \rightarrow \pi^\pm K^*(1430)^0] \rightarrow K_2^*(1430)^0 (D_s^\mp \pi^\pm)_S \\
& B_s^0 \rightarrow D_s^\mp [K^*(1410)^\pm \rightarrow \pi^\pm K^*(892)^0] \rightarrow (D_s^\mp K^\pm)_S (\pi^\pm \pi^\mp)_S \\
& B_s^0 \rightarrow D_s^\mp [K^*(1410)^\pm \rightarrow K^\pm \rho(770)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_2^*(1430)^\pm \rightarrow \pi^\pm K^*(892)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_2^*(1430)^\pm \rightarrow K^\pm \rho(770)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_1(1650)^\pm \rightarrow \pi^\pm K^*(892)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_1(1650)^\pm \rightarrow K^\pm \rho(770)^0] \\
& B_s^0 \rightarrow D_s^\mp [K^*(1680)^\pm \rightarrow \pi^\pm K^*(892)^0] \\
& B_s^0 \rightarrow D_s^\mp [K^*(1680)^\pm \rightarrow K^\pm \rho(770)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_2(1770)^\pm \rightarrow \pi^\pm K^*(892)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_2(1770)^\pm \rightarrow K^\pm \rho(770)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_2(1770)^\pm \rightarrow \pi^\pm K_2^*(1430)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_2(1770)^\pm \rightarrow K^\pm f_2(1270)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_2^*(1980)^\pm \rightarrow \pi^\pm K^*(892)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_2^*(1980)^\pm \rightarrow K^\pm \rho(770)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_2^*(1980)^\pm \rightarrow \pi^\pm K_2^*(1430)^0] \\
& B_s^0 \rightarrow D_s^\mp [K_2^*(1980)^\pm \rightarrow K^\pm f_2(1270)] \\
& B_s^0 \rightarrow K^\pm [D_{s1}(2536)^\mp \rightarrow D_s^\mp \rho(770)^0] \\
& B_s^0 \rightarrow K^\pm [D_{s1}(2536)^\mp \rightarrow D_s^\mp f_0(500)^0]
\end{aligned}$$