

Mode	BDT	Downstream		Long	
		Yield	Efficiency (%)	Yield	Efficiency (%)
$B^0 \rightarrow K_S^0 \pi^+ \pi^-$	Loose	845 ± 38	0.0336 ± 0.0010	360 ± 21	0.0117 ± 0.0009
$B^0 \rightarrow K_S^0 K^+ K^-$	Loose	256 ± 20	0.0278 ± 0.0008	175 ± 15	0.0092 ± 0.0016
$B_s^0 \rightarrow K_S^0 K^\pm \pi^\mp$	Loose	283 ± 24	0.0316 ± 0.0007	152 ± 15	0.0103 ± 0.0008
$B^0 \rightarrow K_S^0 K^\pm \pi^\mp$	Tight	92 ± 15	0.0283 ± 0.0009	52 ± 11	0.0133 ± 0.0005
$B_s^0 \rightarrow K_S^0 \pi^+ \pi^-$	Tight	28 ± 9	0.0153 ± 0.0013	25 ± 6	0.0109 ± 0.0006
$B_s^0 \rightarrow K_S^0 K^+ K^-$	Tight	6 ± 4	0.0150 ± 0.0021	3 ± 3	0.0076 ± 0.0016