

Decay mode	$B^0 \rightarrow (K^+\pi^-)(K^-\pi^+)$				
	Observable	f_{\parallel}	f_{\perp}	$ A_S^+ ^2$	$ A_{SS} ^2$
Bias data-simulation	0.001	-0.001	-0.001	0.002	0.007
Fit method	0.000	0.007	0.005	0.000	0.006
Kinematic acceptance	0.003	0.004	0.001	0.003	0.006
Resolution	0.001	0.003	0.000	0.001	0.006
P-wave mass model	0.000	0.001	0.000	0.001	0.005
S-wave mass model	0.000	0.007	0.002	0.002	0.008
Differences data-simulation	0.001	0.003	0.000	0.001	0.002
Background subtraction	0.005	0.003	0.001	0.001	0.002
Peaking backgrounds	0.010	0.003	0.002	0.002	0.009
Total systematic unc.	0.012	0.012	0.007	0.004	0.017

Decay mode	$B_s^0 \rightarrow (K^+\pi^-)(K^-\pi^+)$				
	Observable	f_{\parallel}	f_{\perp}	$ A_S^+ ^2$	$ A_{SS} ^2$
Bias data-simulation	0.001	-0.005	-0.002	0.007	0.012
Fit method	0.001	0.001	0.000	0.001	0.001
Kinematic acceptance	0.005	0.009	0.010	0.004	0.004
Resolution	0.000	0.002	0.000	0.001	0.002
P-wave mass model	0.000	0.001	0.001	0.003	0.005
S-wave mass model	0.006	0.016	0.004	0.009	0.006
Differences data-simulation	0.001	0.001	0.000	0.001	0.001
Background subtraction	0.001	0.001	0.001	0.002	0.002
Peaking backgrounds	0.007	0.005	0.001	0.001	0.001
Time acceptance	0.008	0.016	0.003	0.001	0.007
Total systematic unc.	0.010	0.019	0.011	0.011	0.010