

Parameter name	$ A_S ^2$	f_L	f_{\parallel}
Value and statistical error	$0.07^{+0.15}_{-0.07}$	0.50 ± 0.08	$0.19^{+0.10}_{-0.08}$
Systematic uncertainties			
Angular acceptance	0.044	0.011	0.016
Background angular model	0.038	0.017	0.013
Assumption $\delta_S(M_{K\pi}) = \text{constant}$	0.026	0.005	0.002
B^0 contamination	0.036	0.004	0.007
Fit bias	—	—	0.005
Total systematic error	0.073	0.021	0.022

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