

Source	Value [%]	
	$\mathcal{B}(B_s^0 \rightarrow \eta_c \pi^+ \pi^-)$	$\mathcal{B}(B_s^0 \rightarrow \eta_c \phi)$
Fixed PDF parameters	5.7	1.4
Efficiencies	3.4	0.8
Fit bias	1.7	1.4
Resolution model	0.6	4.4
$\phi(1020)$ barrier radius	n/a	1.6
Acceptance ($4h$)	n/a	1.6
Nonresonant $p\bar{p}$	n/a	1.0
Sum	6.8	5.4
External branching fractions	16.4	12.6