B_s^*

$I(J^P) = ?(?^?)$
I, J, P need confirmation.

OMITTED FROM SUMMARY TABLE
Needs confirmation.

B_s^* MASS

From mass difference below and the B_s^0 mass.

VALUE (MeV)	DOCUMENT ID
5416.3±3.3 OUR FIT	

$m_{B_s^*} - m_{B_s}$

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
47.0±2.6 OUR FIT			
47.0±2.6	[1] LEE-FRANZINI 90	CSB2	$e^+e^- \to \Upsilon(5S)$

[1] LEE-FRANZINI 90 measure 46.7 ± 0.4 ± 0.2 MeV for an admixture of B^0, B^+, and B_s. They use the shape of the photon line to separate the above value for B_s.

$|(m_{B_s^*} - m_{B_s}) - (m_{B^*} - m_B)|$

VALUE (MeV)	CL%	DOCUMENT ID	TECN	COMMENT
<6	95	ABREU 95R	DLPH	E_{cm}^{ee} = 88–94 GeV

B_s^* DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	$B_s\gamma$	dominant

B_s^* REFERENCES

ABREU 95R ZPHY C68 353 +Adam, Adye, Agasi+ (DELPHI Collab.)
LEE-FRANZINI 90 PRL 65 2947 +Heintz, Lovelock, Narain, Schamberger+ (CUSB II Collab.)