



$$I(J^P) = 0(1^-)$$

OMITTED FROM SUMMARY TABLE

I, J, P need confirmation. Quantum numbers shown are quark-model predictions.

B_s^* MASS

From mass difference below and the B_s^0 mass.

VALUE (MeV)	DOCUMENT ID
5416.6 ± 3.5 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	$e^+ e^- \rightarrow \gamma(5S)$
¹ LEE-FRANZINI 90 measure $46.7 \pm 0.4 \pm 0.2$ 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)
$\Gamma_1 \quad B_s \gamma$	dominant

B_s^* REFERENCES

ABREU	95R	ZPHY C68 353	P. Abreu <i>et al.</i>	(DELPHI Collab.)
LEE-FRANZINI	90	PRL 65 2947	J. Lee-Franzini <i>et al.</i>	(CUSB II Collab.)