

## ***B*-particle organization**

Many measurements of  $B$  decays involve admixtures of  $B$  hadrons. Previously we arbitrarily included such admixtures in the  $B^\pm$  section, but because of their importance we have created two new sections: " $B^\pm/B^0$  Admixture" for  $\Upsilon(4S)$  results and " $B^\pm/B^0/B_s^0/b$ -baryon Admixture" for results at higher energies. Most inclusive decay branching fractions are found in the Admixture sections.  $B^0-\bar{B}^0$  mixing data are found in the  $B^0$  section, while  $B_s^0-\bar{B}_s^0$  mixing data and  $B-\bar{B}$  mixing data for a  $B^0/B_s^0$  admixture are found in the  $B_s^0$  section.  $CP$ -violation data are found in the  $B^0$  section.  $b$ -baryons are found near the end of the Baryon section.

The organization of the  $B$  sections is now as follows, where bullets indicate particle sections and brackets indicate reviews.

[Production and Decay of  $b$ -flavored Hadrons]

- $B^\pm$

- mass, mean life
  - branching fractions

- $B^0$

- mass, mean life
  - branching fractions
  - polarization in  $B^0$  decay
  - $B^0-\bar{B}^0$  mixing

- [ $CP$  Violation in  $B$  Decay]

- $CP$  violation

- $B^\pm B^0$  Admixture

- branching fractions

- $B^\pm/B^0/B_s^0/b$ -baryon Admixture

- mean life
  - production fractions
  - branching fractions

- $B^*$

- mass

- $B_J^*(5732)$

- mass, width

- $B_s^0$

- mass, mean life
  - branching fractions
  - polarization in  $B_s^0$  decay
  - $B_s^0-\bar{B}_s^0$  mixing

$B-\bar{B}$  mixing (admixture of  $B^0$ ,  $B_s^0$ )

- $B_s^*$   
mass
- $B_{sJ}^*(5850)$   
mass, width
- $B_c^\pm$   
mass, mean life  
branching fractions

At end of Baryon Listings:

- $\Lambda_b$   
mass, mean life  
branching fractions
  - $\Xi_b^0, \Xi_b^-$   
mean life
  - $b$ -baryon Admixture  
mean life  
branching fractions
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