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 "$B^{\pm}/B^0/B^0_s/b$-baryon Admixture" for results at higher energies. Most inclusive decay branching fractions are found in the Admixture sections. B^0-$\overline{B}^0$ mixing data are found in the B^0 section, while B^0_s-$\overline{B}^0_s$ mixing data and B-$\overline{B}$ mixing data for a B^0/B^0_s admixture are found in the B^0_s 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-$\overline{B}$ Mixing]
  - B^0-$\overline{B}^0$ mixing
  - [CP Violation in B Decay]
  - CP violation
- $B^{\pm}$ B^0 Admixture
  - branching fractions
- $B^{\pm}/B^0/B^0_s/b$-baryon Admixture
  - mean life
  - production fractions
  - branching fractions

- B^*
  - mass
- $B^*_J(5732)$
  - mass, width
- B^0_s
  - mass, mean life
  - branching fractions
  - polarizaton in B^0_s decay

B_s^0-$\overline{B}_s^0$ mixing

B-$\overline{B}$ 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:

- Λ_b

  mass, mean life

  branching fractions

- Ξ_b^0, Ξ_b^-

  mean life

- b-baryon Admixture

  mean life

  branching fractions