

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:

- Λ_b
mass, mean life
branching fractions
 - Ξ_b^0, Ξ_b^-
mean life
 - b -baryon Admixture
mean life
branching fractions
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