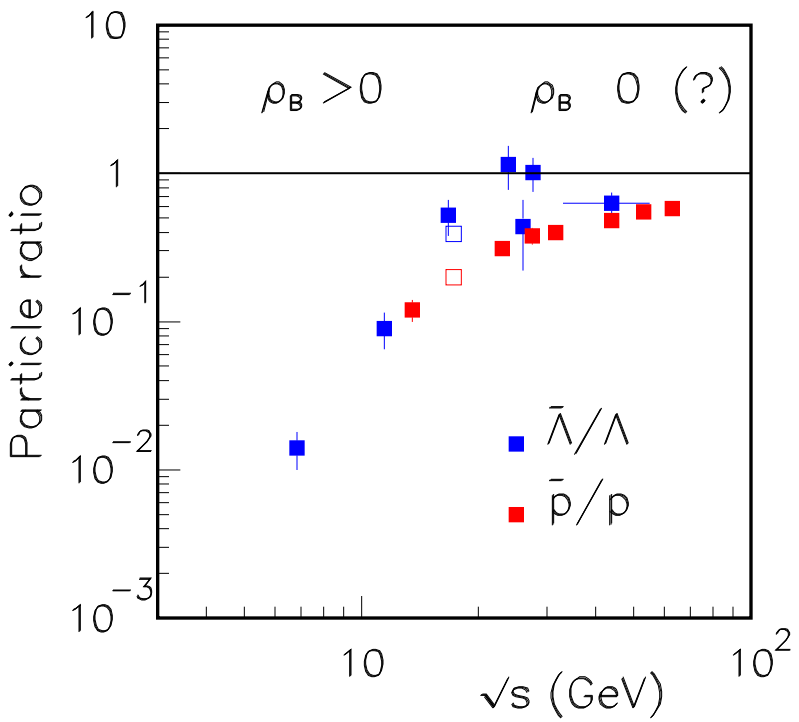
Antibaryon to Baryon Ratio at Mid−Rapidity

p+p



$*$ ρ_B 0 at $y^*=0$

a) Symmetric pairs

$p \rightarrow X^0 + p$

$\downarrow$

$p\bar{p}$

$n\bar{n}$

$\Lambda\bar{\Lambda}$

b) Asymmetric pairs

$p \rightarrow X^+ + n$

$\downarrow$

$p\bar{n}$

$\Lambda K^+\bar{n}$

$\bar{\Lambda}\bar{K}^0 p$