Anti-Baryon Ratios

E917: PRL 87(01)242301
E859: J.Phys. G23(97)1897
STAR: nucl-exp/0203016,
Phenix: nucl-exp/0204007

Antiprotons and Antilambdas are exclusively formed by $\bar{u}$, $\bar{d}$ and $\bar{s}$.

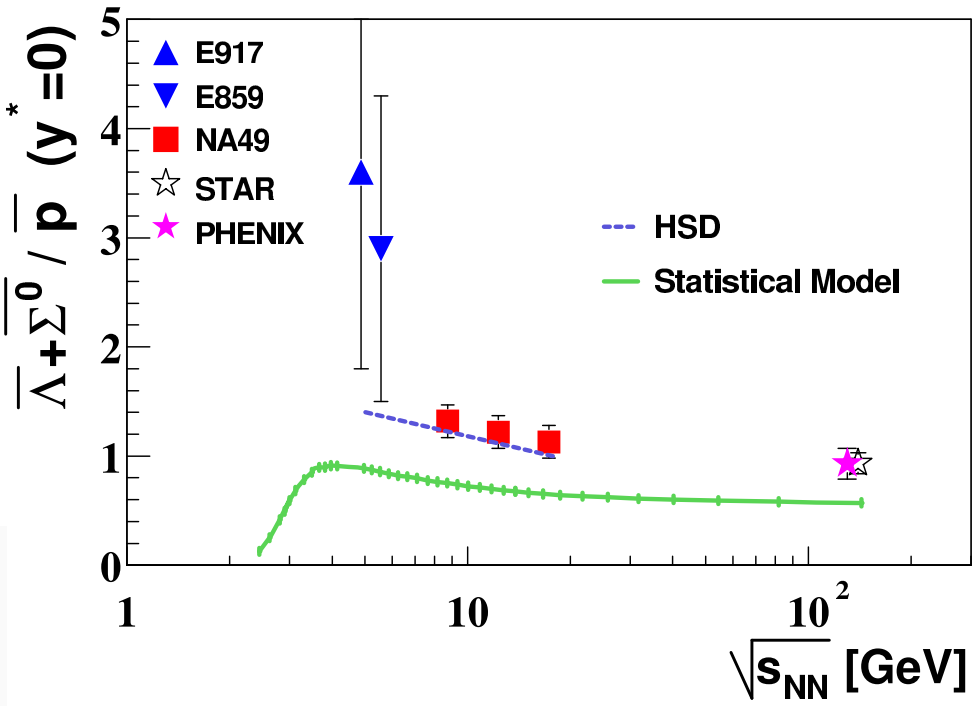
$\bar{\Lambda}/\bar{p} \sim (\bar{u}\,\bar{d}\,\bar{s}) / (\bar{u}\,\bar{u}\,\bar{d}) \sim \bar{s}/\bar{u}$

-> Interplay of Production and Annihilation processes.

Evidence for the Increase of the $\bar{\Lambda}/\bar{p}$ Ratio with decreasing Energy

-> Is this Trend also present for the total Multiplicities ?

-> soon 20 and 30 AGeV Run



Experimental Data feed-down corrected
Statistical Model prediction not !

HSD: W.Cassing, Nucl.Phys. A700(02)618
Statistical Model: K.Redlich, private communication