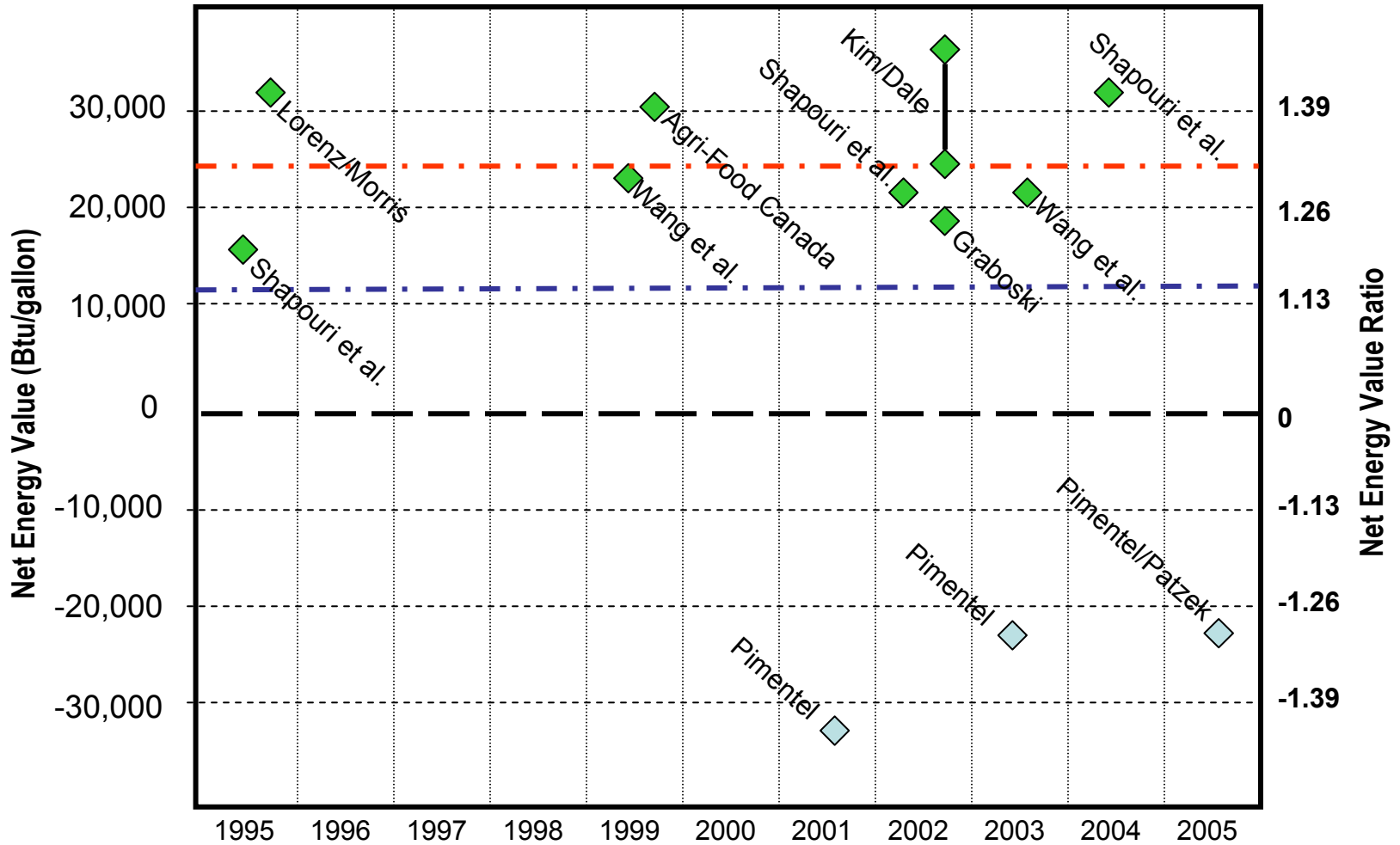


# Comparative Results of Ethanol Energy Balance Studies 1995-2005



- . - . - . Avg. NEV minus Pimentel (3)  
 24,336 Btu (1.32 NEV ratio)

- . - . - . Average NEV with Pimentel  
 11,739 Btu (1.15 NEV ratio)

Calculations assume low heat value energy content of ethanol is 76,330 BTU/gallon

**Sources:** Office of Energy Efficiency and Renewable Energy (U.S. Department of Energy) ; Dale, Bruce, Michigan State University, presentation at World Congress on Industrial Biotechnology & Bioprocessing, Orlando, Florida, April 22, 2005.

For more information, call the National Corn Growers Association at (636) 733-9004 or go to [www.ncga.com](http://www.ncga.com)

