

Successive FRDM enhancements

Optimization (2006)

Better search for optimum FRDM parameters.

Accuracy improvement: 0.01 MeV

New mass data base (AME2003) (2006)

Better agreement than with AME1989.

Accuracy improvement: 0.04 MeV

Full 4D energy minimization (2006–2008)

Full 4D minimization($\epsilon_2, \epsilon_3, \epsilon_4, \epsilon_6$) step=0.01.

Accuracy improvement: 0.02 MeV

Axial asymmetry (2002–2006)

Also yields correct SHE gs assignments.

Accuracy improvement: 0.01 MeV

***L* variation (2009–2011)**

Accuracy improvement: 0.02 MeV

Improved gs correlation energies (2012)

Accuracy improvement: 0.01 MeV