

Figure 19a. January 2011 - Carbon and Hydrogen Isotopes of Methane for Phase III Wells

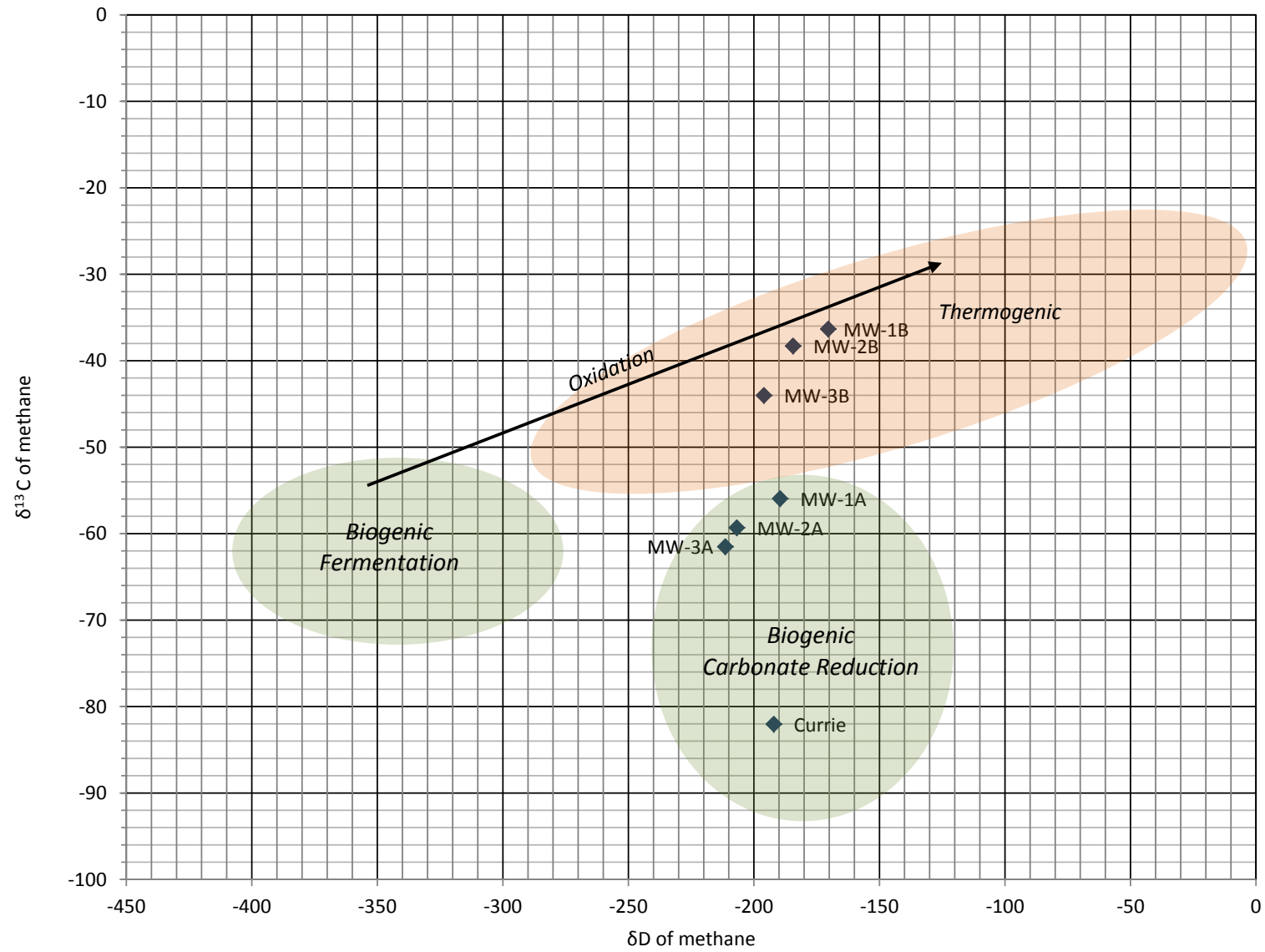
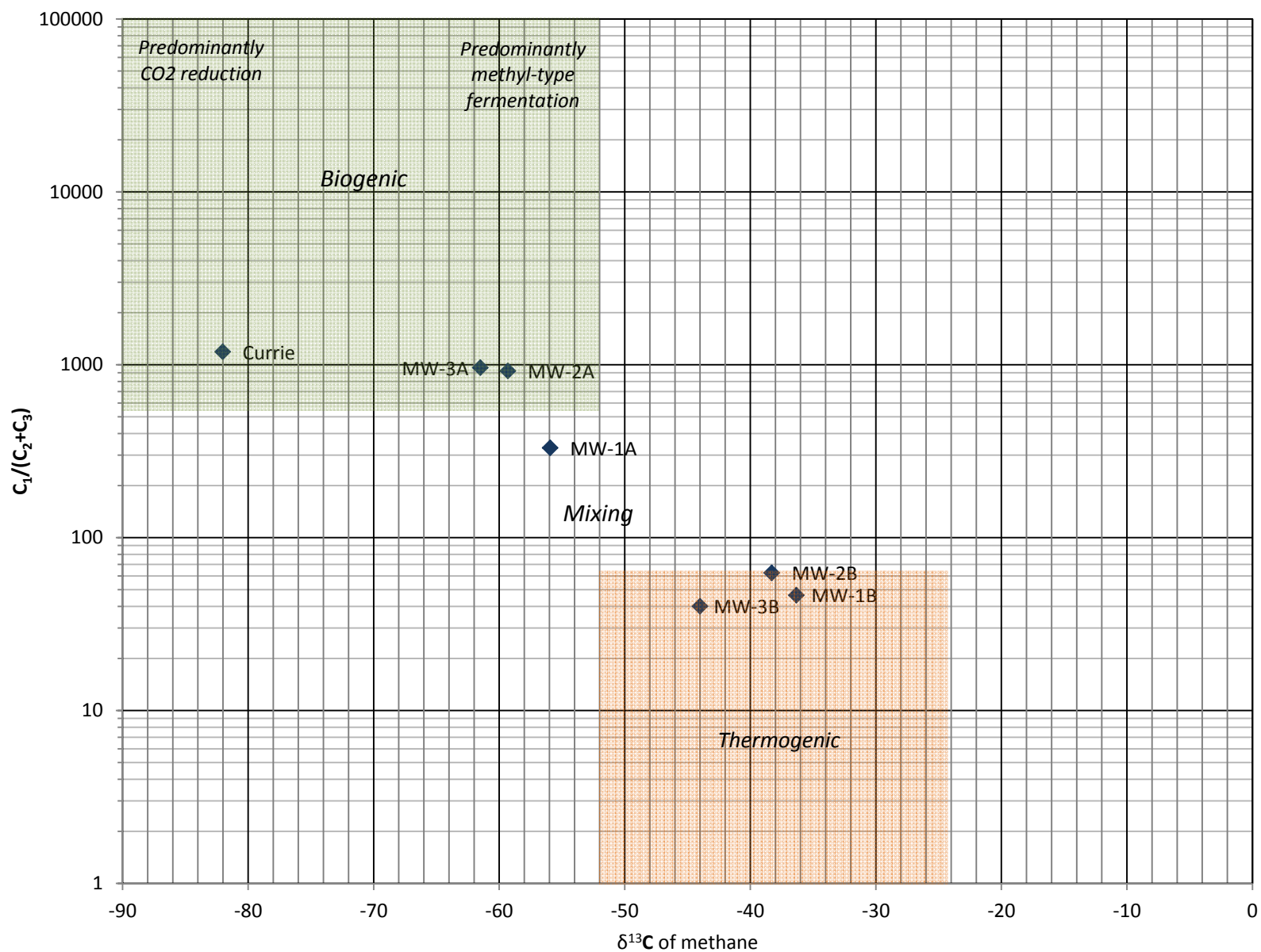


Figure 19b. January 2011 - Comparative Molecular and Isotopic Compositions of Biogenic and Thermogenic Gas for Phase III Wells



Bernard Diagram (after Whiticar, 1990)

Figure 20a. May 2011 - Carbon and Hydrogen Isotopes of Methane for Phase III Wells

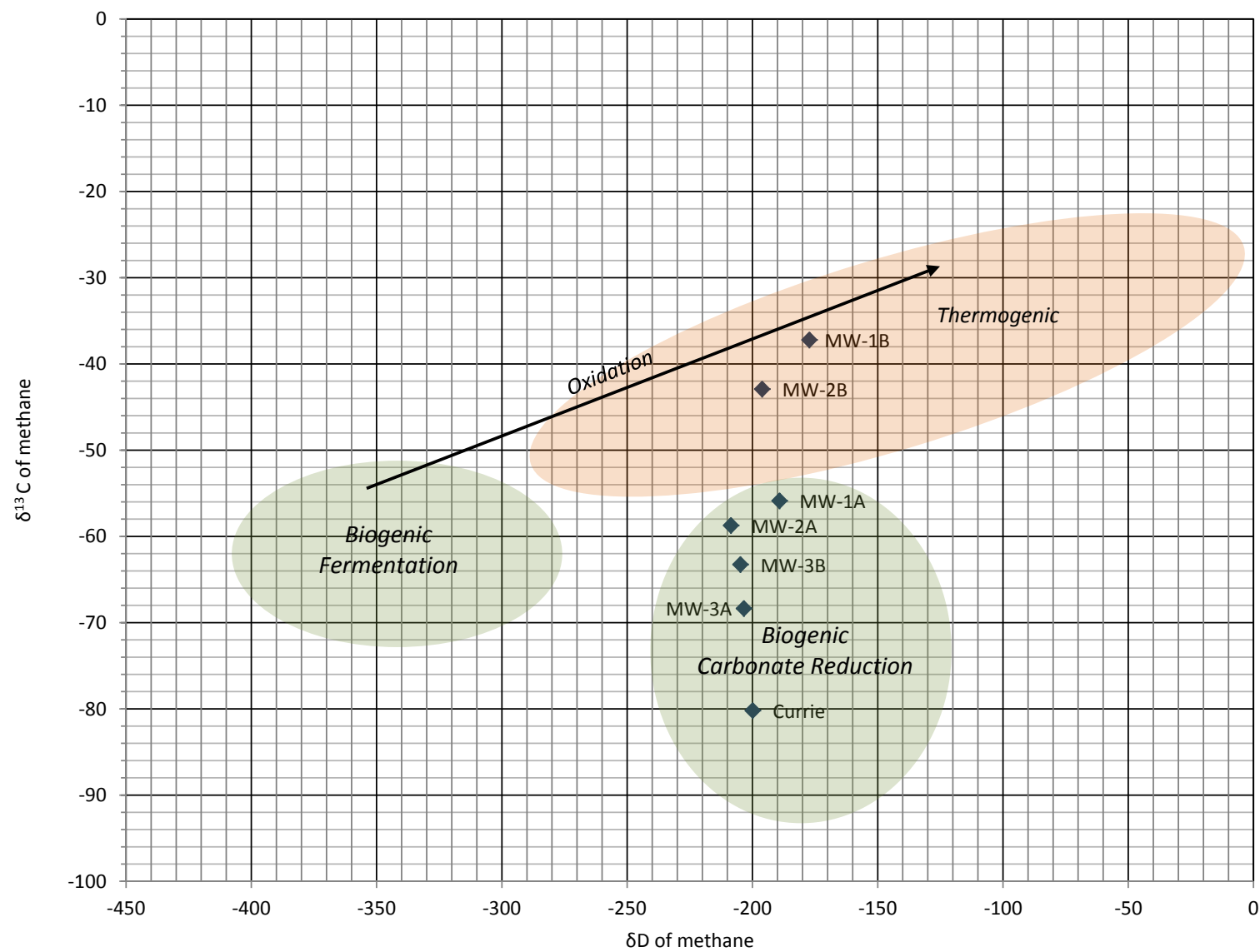
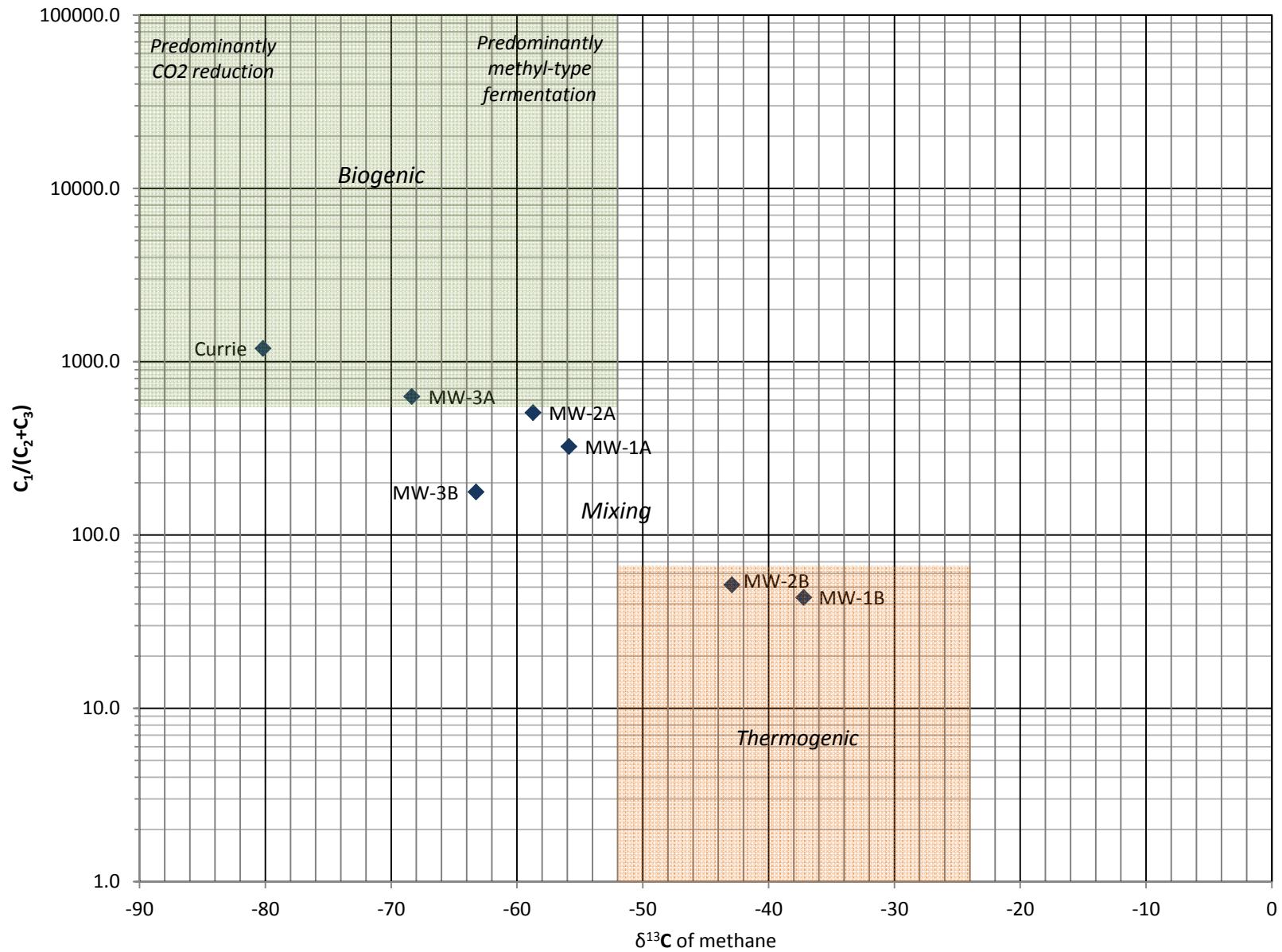


Figure 20b. May 2011 - Comparative Molecular and Isotopic Compositions of Biogenic and Thermogenic Gas for Phase III Wells



Bernard Diagram (after Whiticar, 1990)

Figure 21a. August 2012 - Carbon and Hydrogen Isotopes of Methane for Phase III Wells

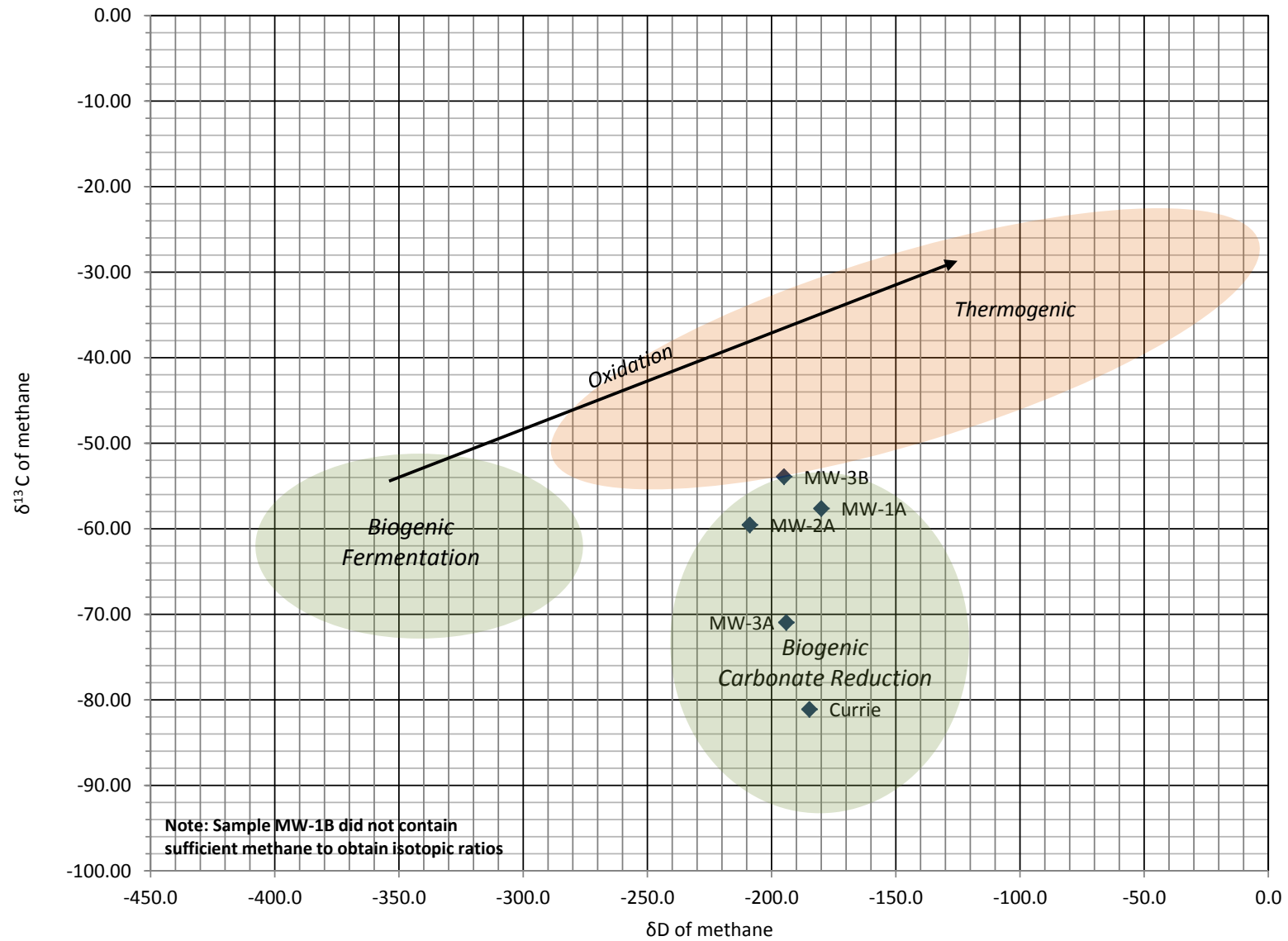
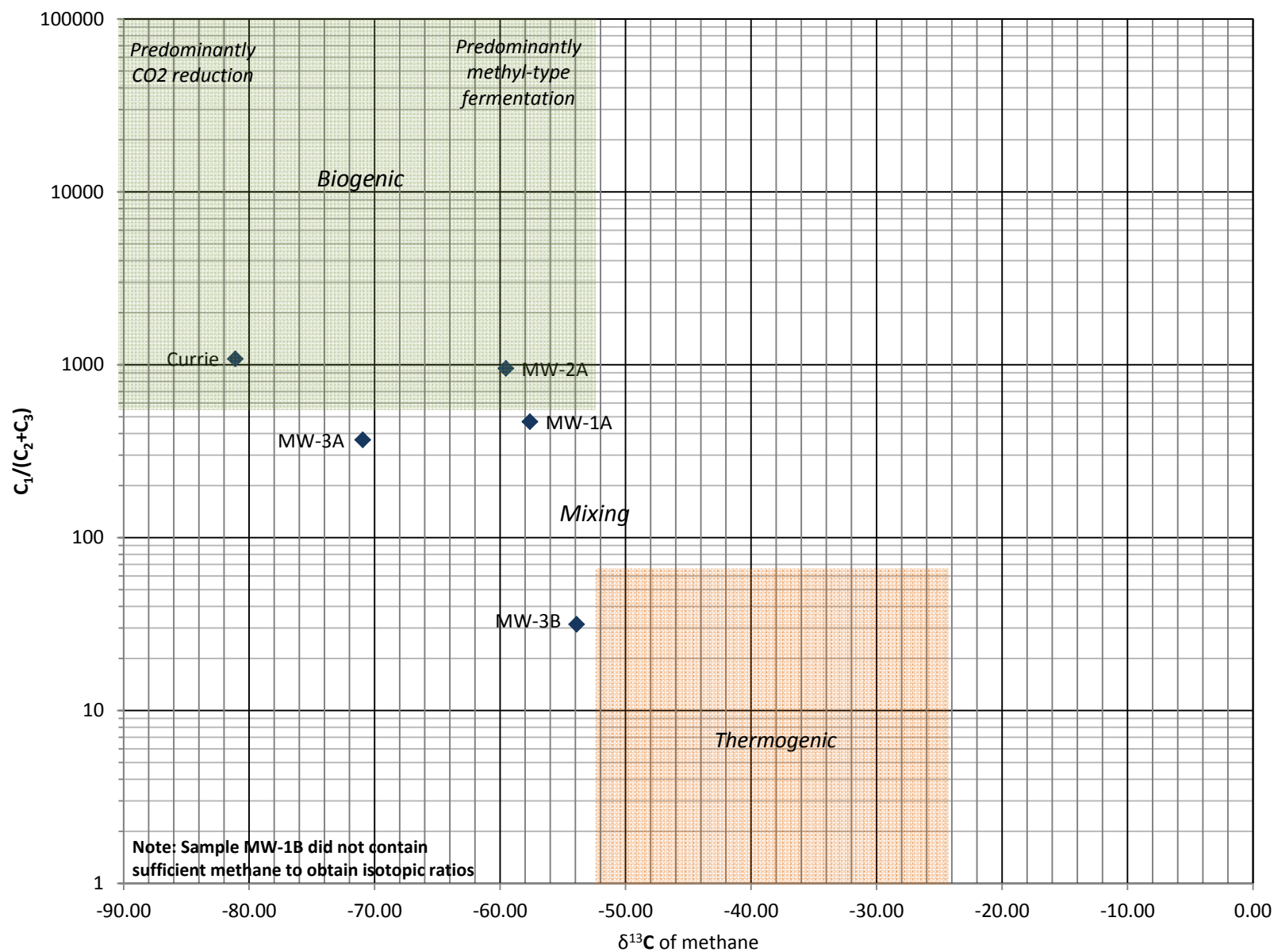
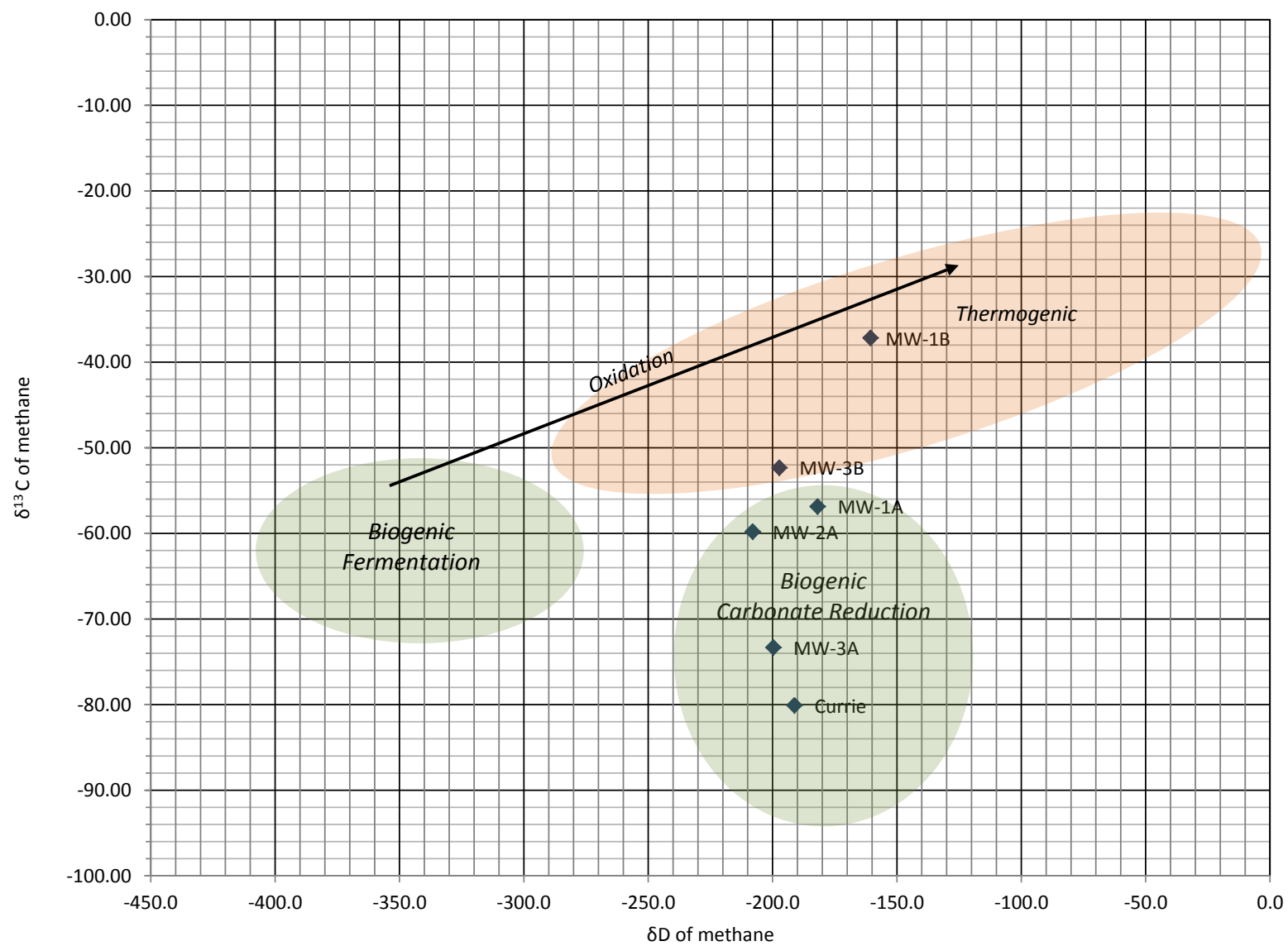


Figure 21b. August 2012 - Comparative Molecular and Isotopic Compositions of Biogenic and Thermogenic Gas for Phase III Wells

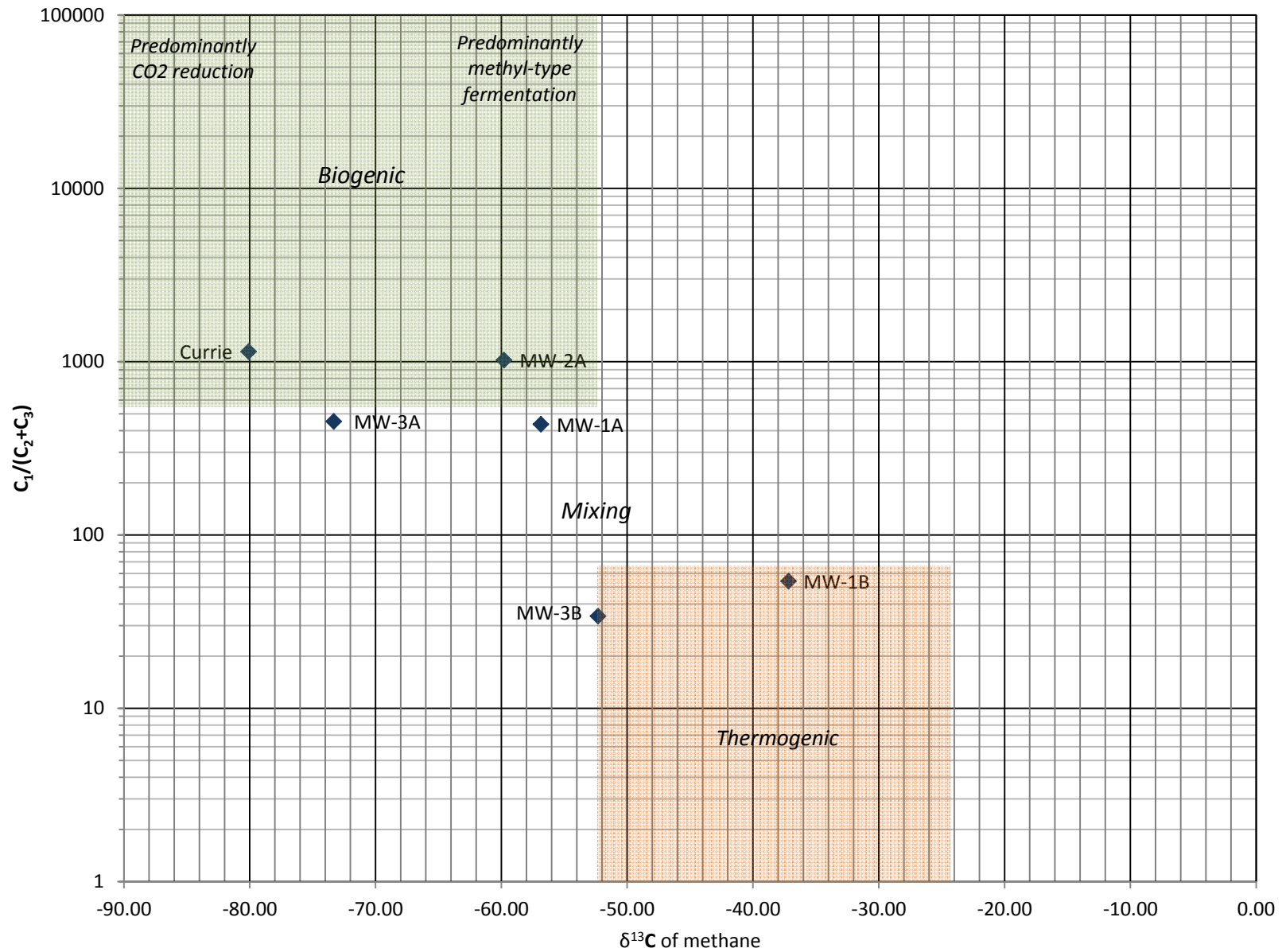


Bernard Diagram (after Whiticar, 1990)

Figure 22a. December 2012 - Carbon and Hydrogen Isotopes of Methane for Phase III Wells



**Figure 22b. December 2012 - Comparative Molecular and Isotopic Compositions
of Biogenic and Thermogenic Gas for Phase III Wells**



Bernard Diagram (after Whiticar, 1990)

Figure 23. Carbon and Hydrogen Isotopes of Methane in West Divide Creek Seep Study Data

