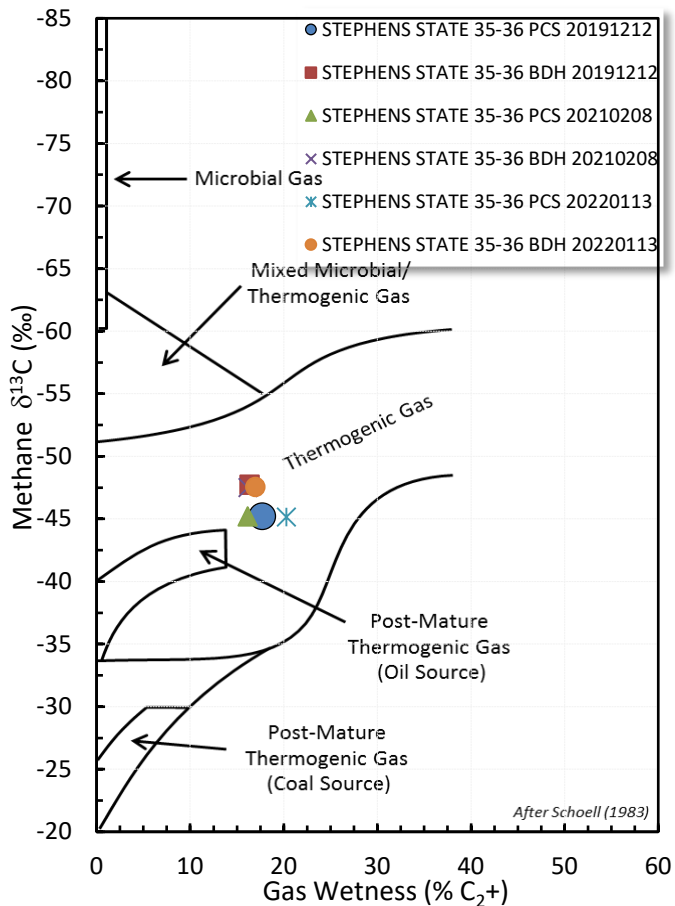
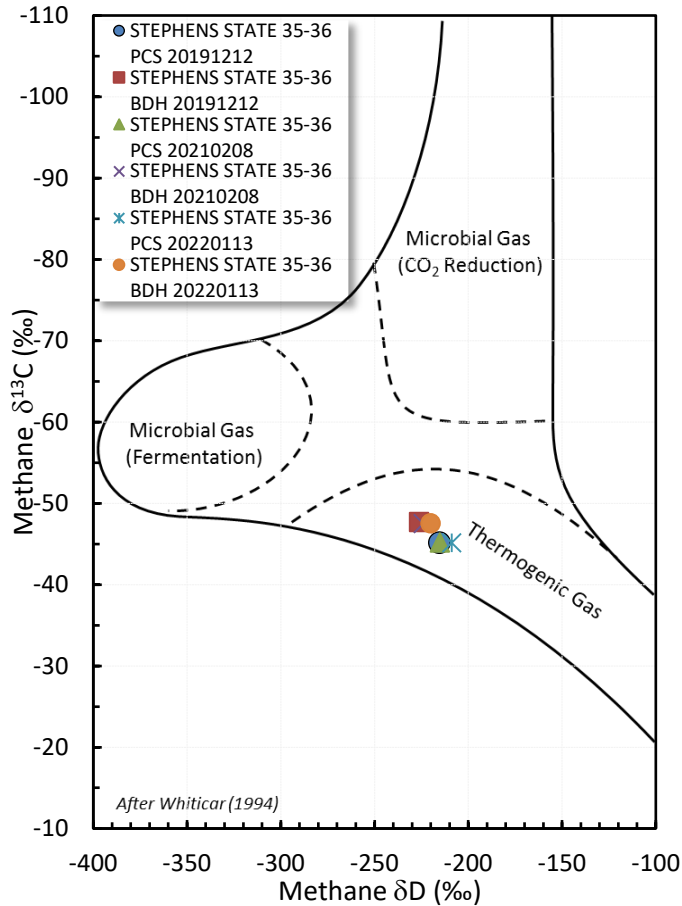


Stable Isotope Interpretive Plots

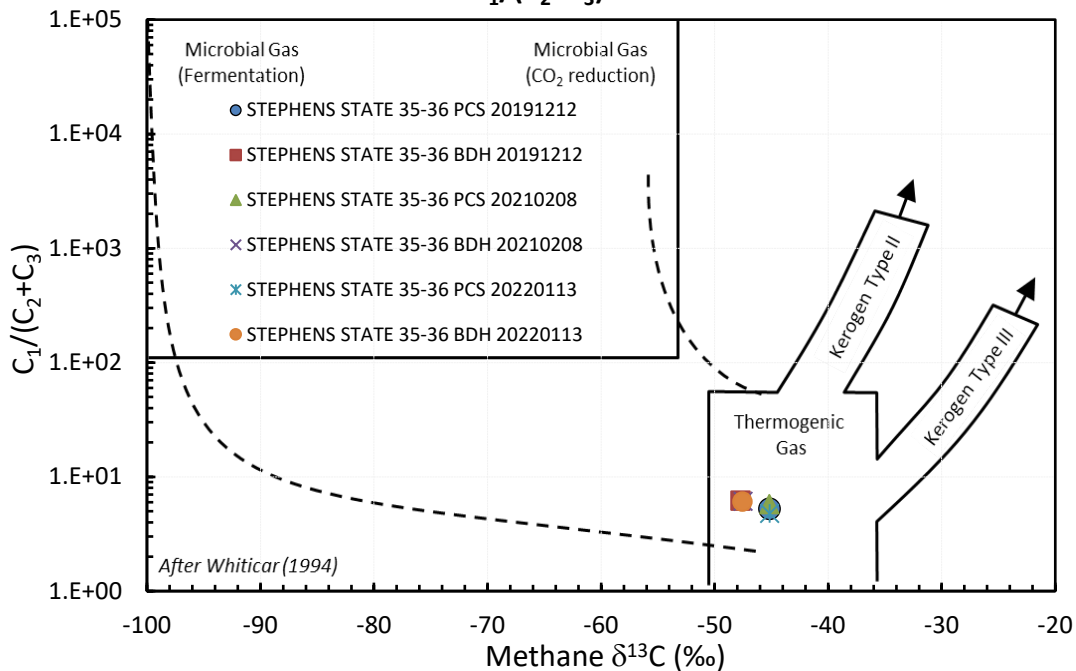
Methane vs Gas Wetness Genetic Classification



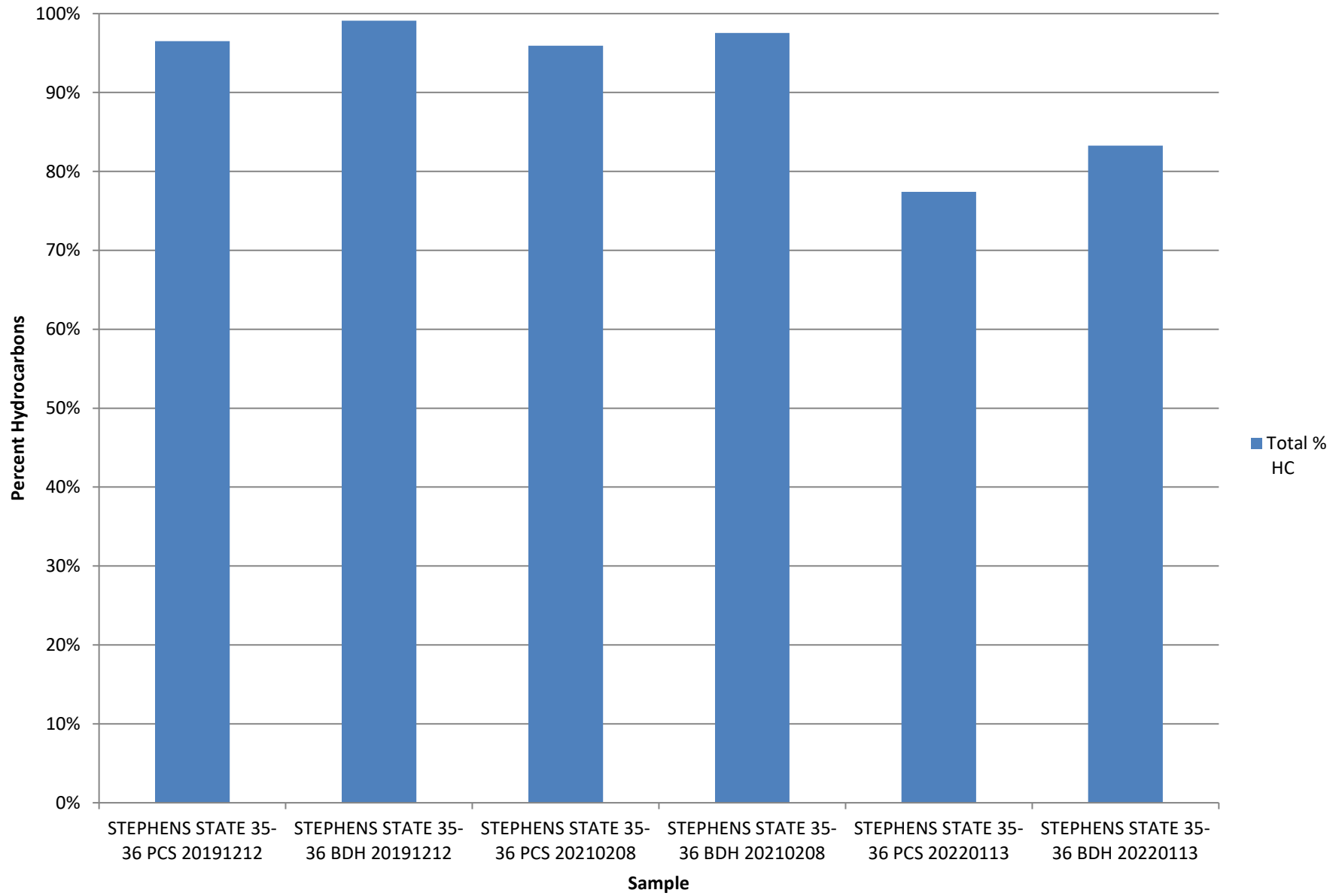
Methane $\delta^{13}\text{C}$ vs δD Genetic Classification Plot



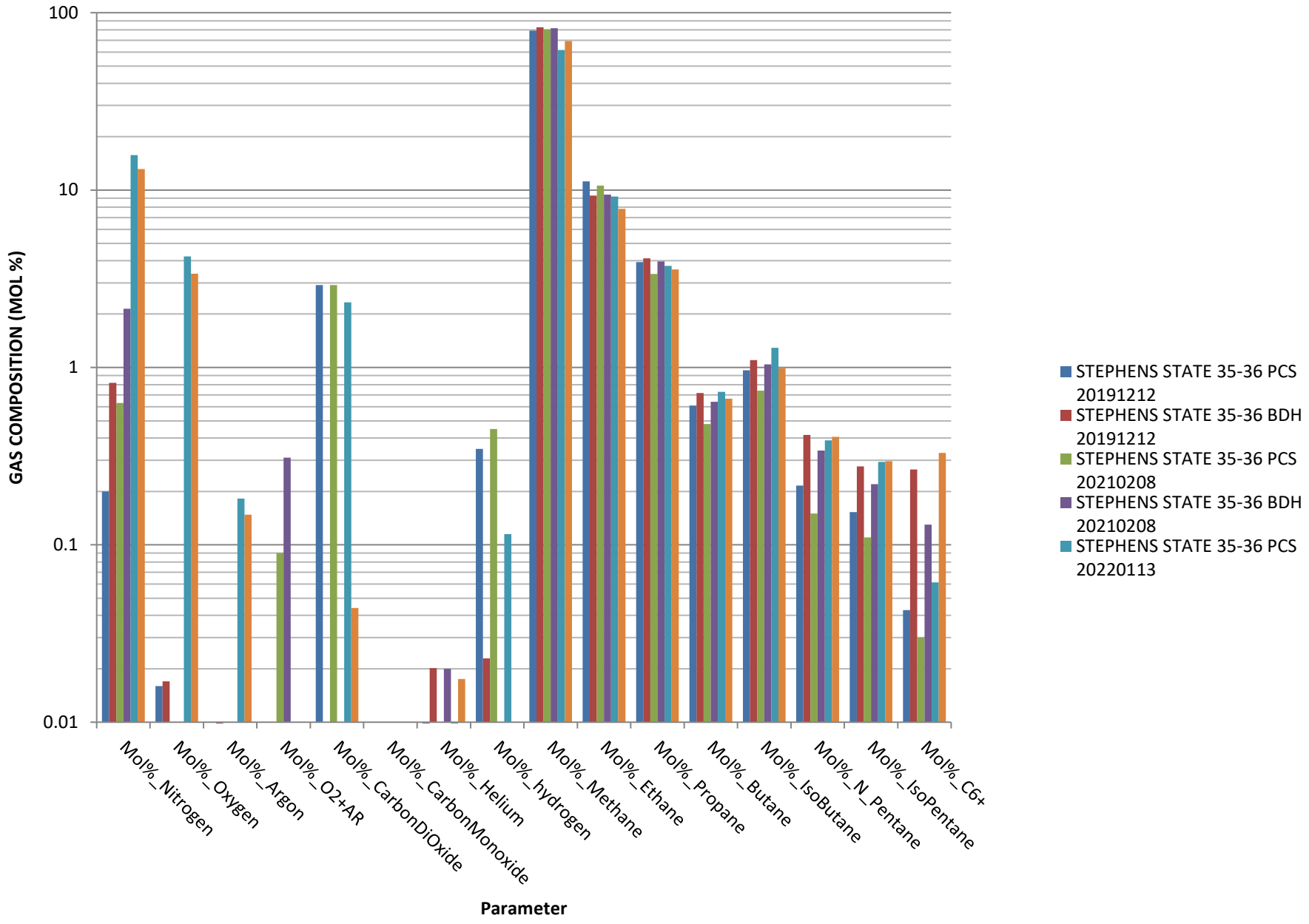
Methane $\delta^{13}\text{C}$ vs $\text{C}_1/(\text{C}_2+\text{C}_3)$ Genetic Classification Plot



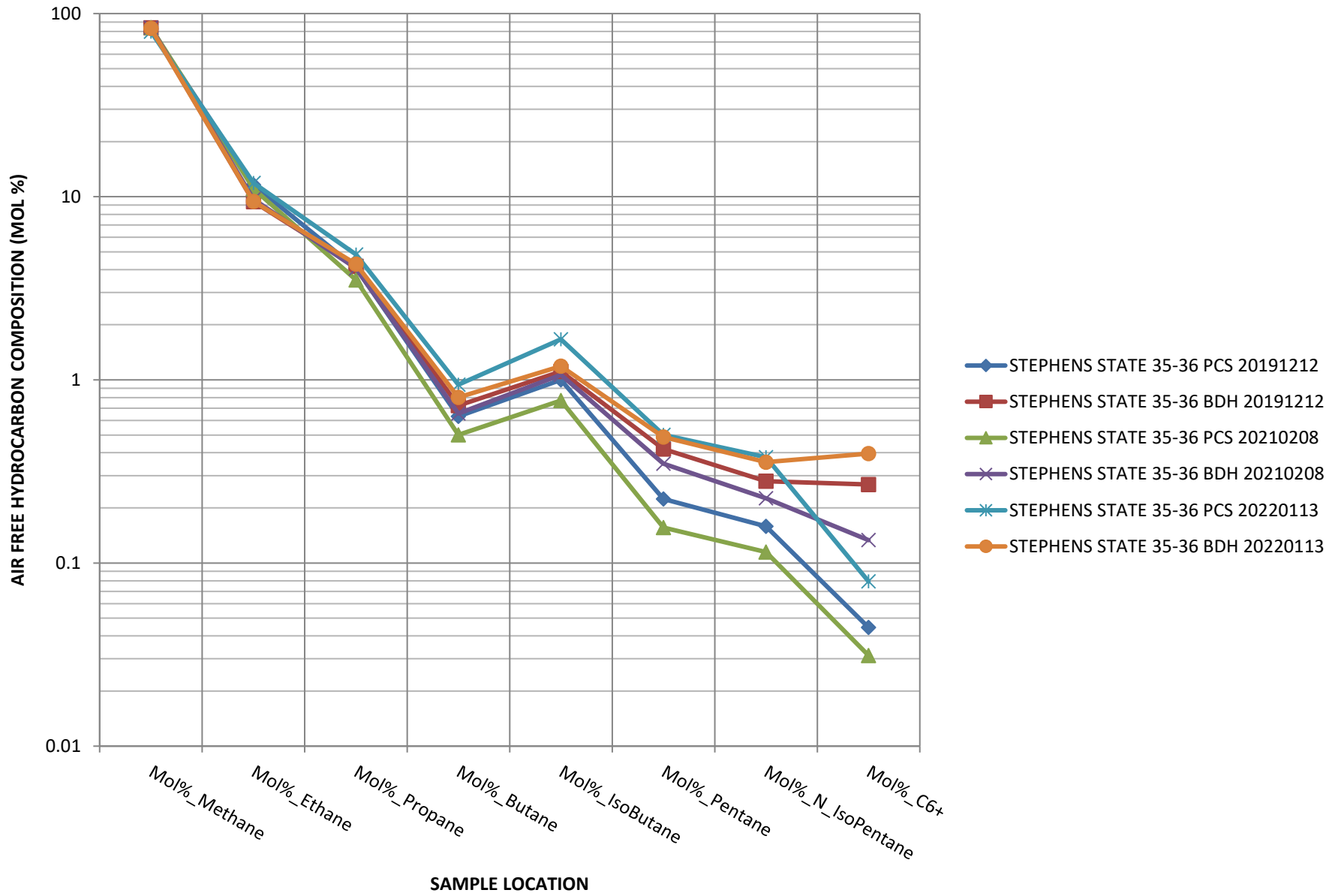
Total Percent Hydrocarbons

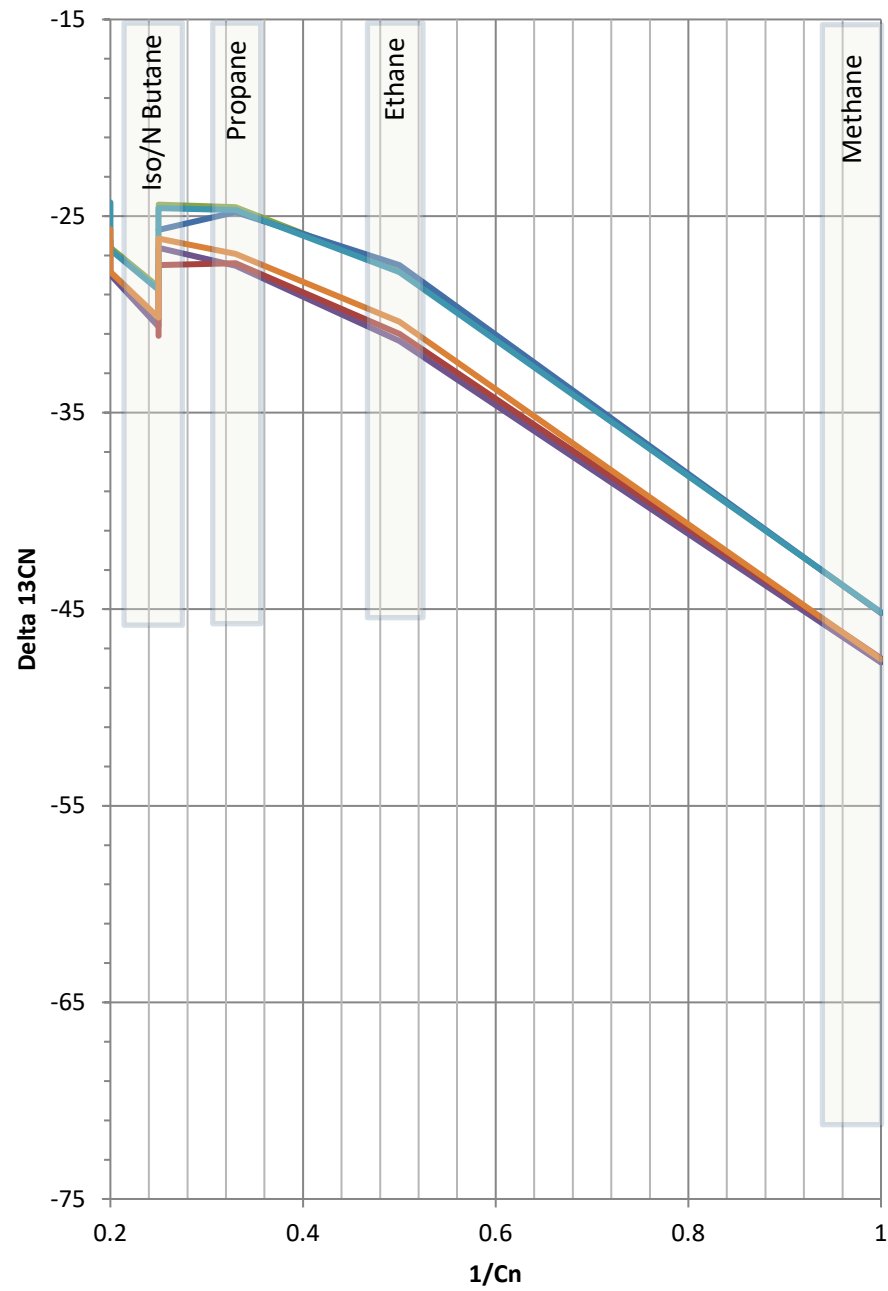


GAS COMPOSITION



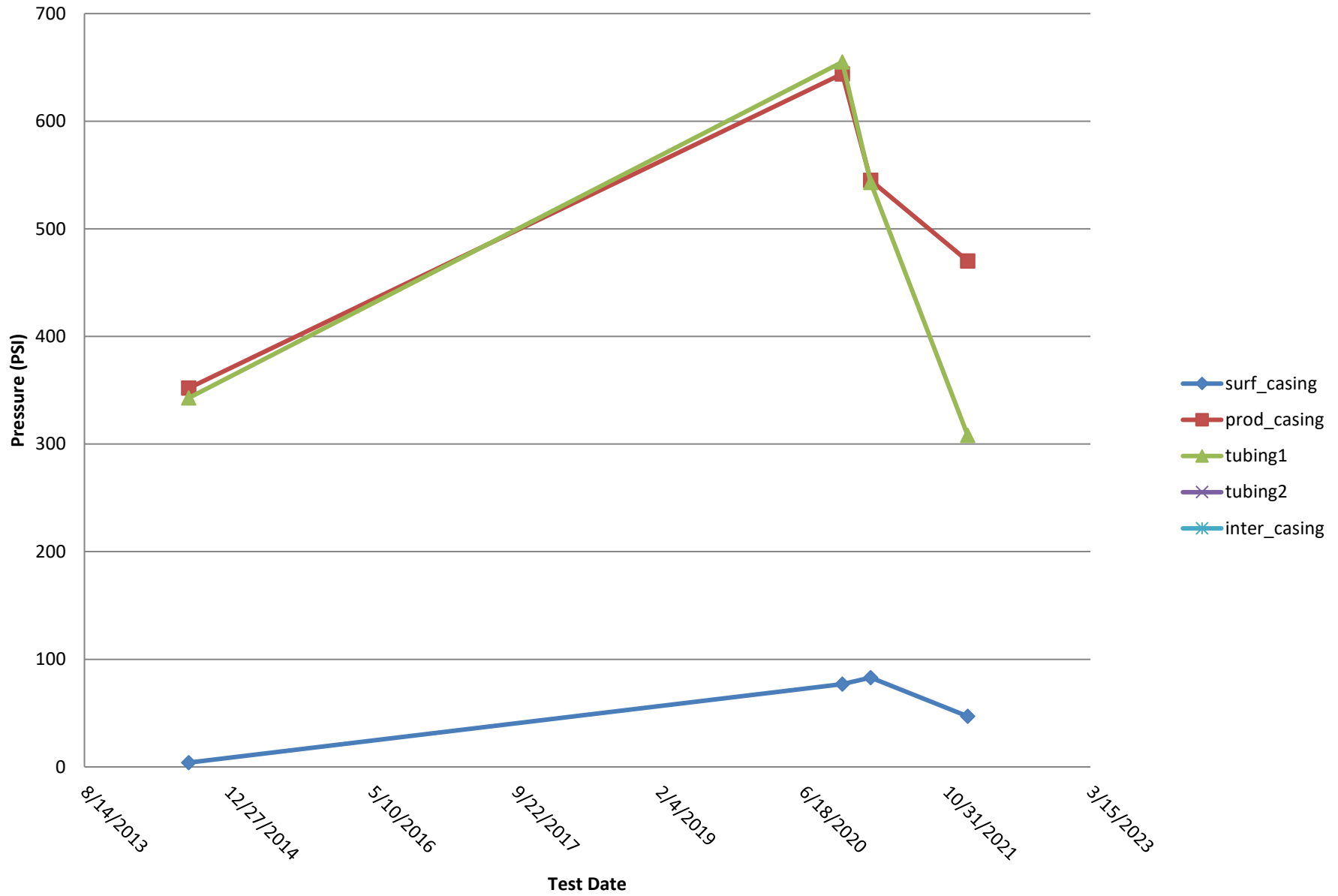
HYDROCARBON COMPOSITION



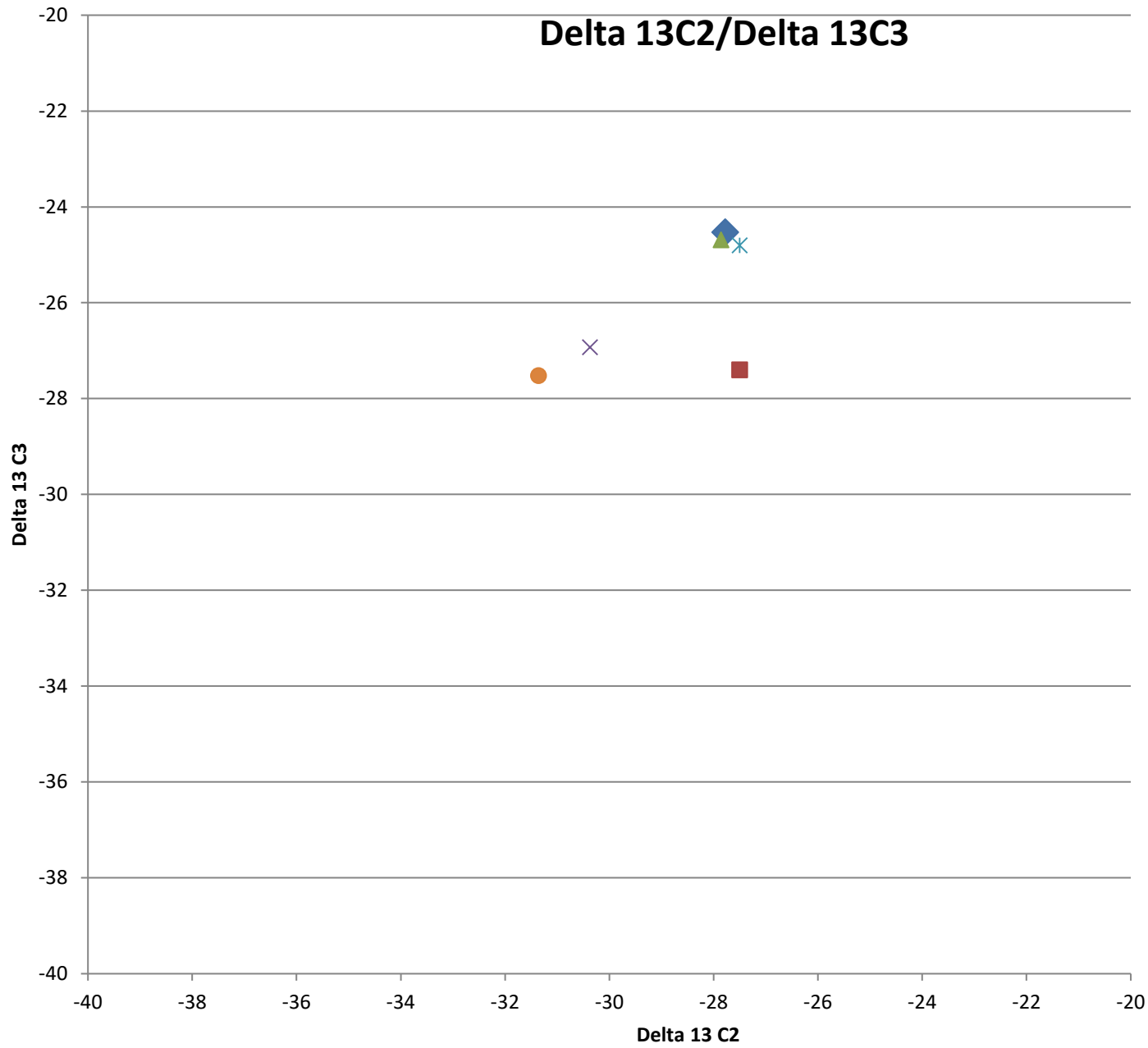


- STEPHENS STATE 35-36 PCS
- STEPHENS STATE 35-36 BDH
- STEPHENS STATE 35-36 PCS
- STEPHENS STATE 35-36 BDH
- STEPHENS STATE 35-36 PCS
- STEPHENS STATE 35-36 BDH

Bradenhead Test Summary

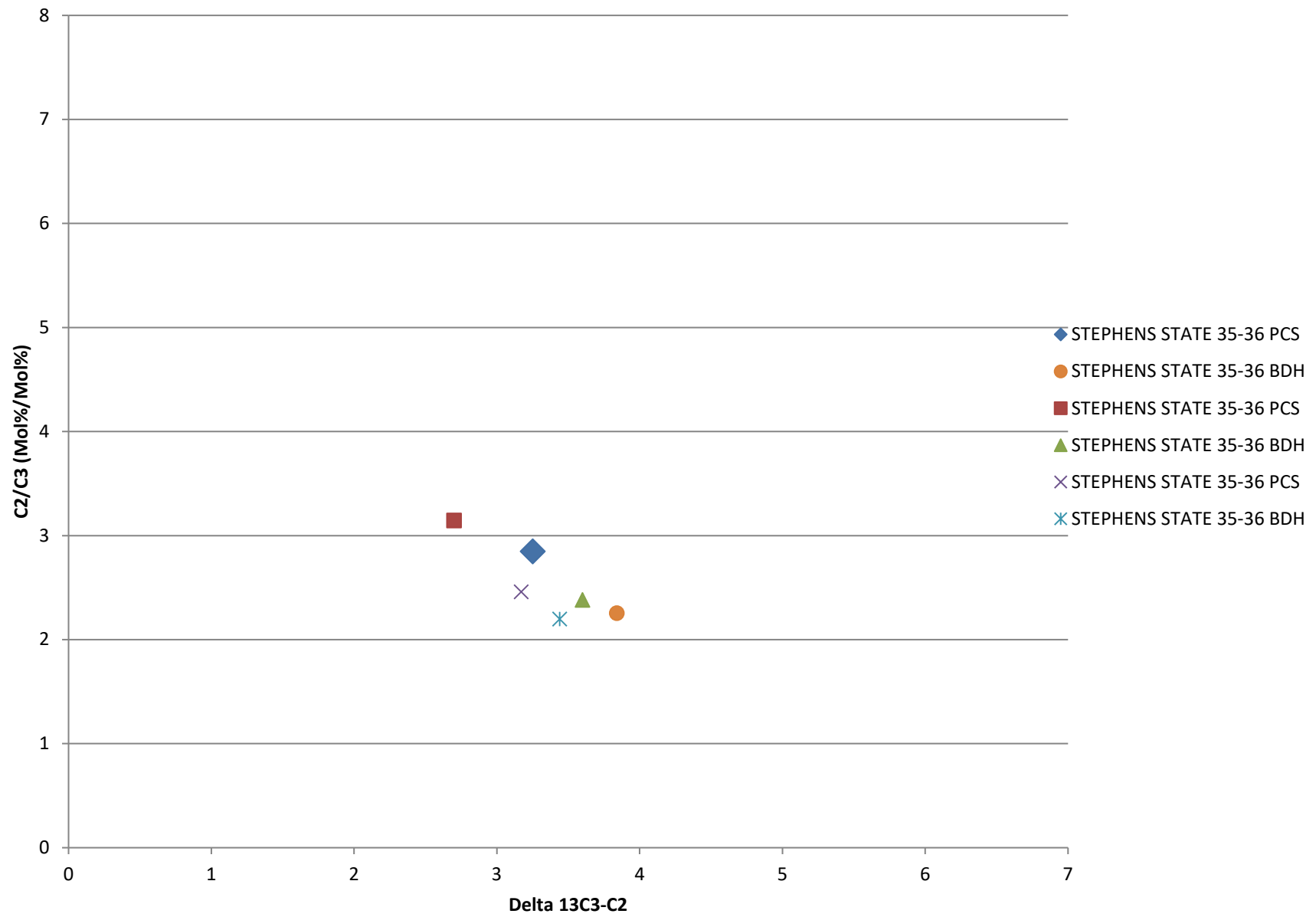


Delta 13C2/Delta 13C3



- ◆ STEPHENS STATE 35-36 PCS
- STEPHENS STATE 35-36 BDH
- ✱ STEPHENS STATE 35-36 PCS
- STEPHENS STATE 35-36 BDH
- ▲ STEPHENS STATE 35-36 PCS
- ✕ STEPHENS STATE 35-36 BDH

Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

