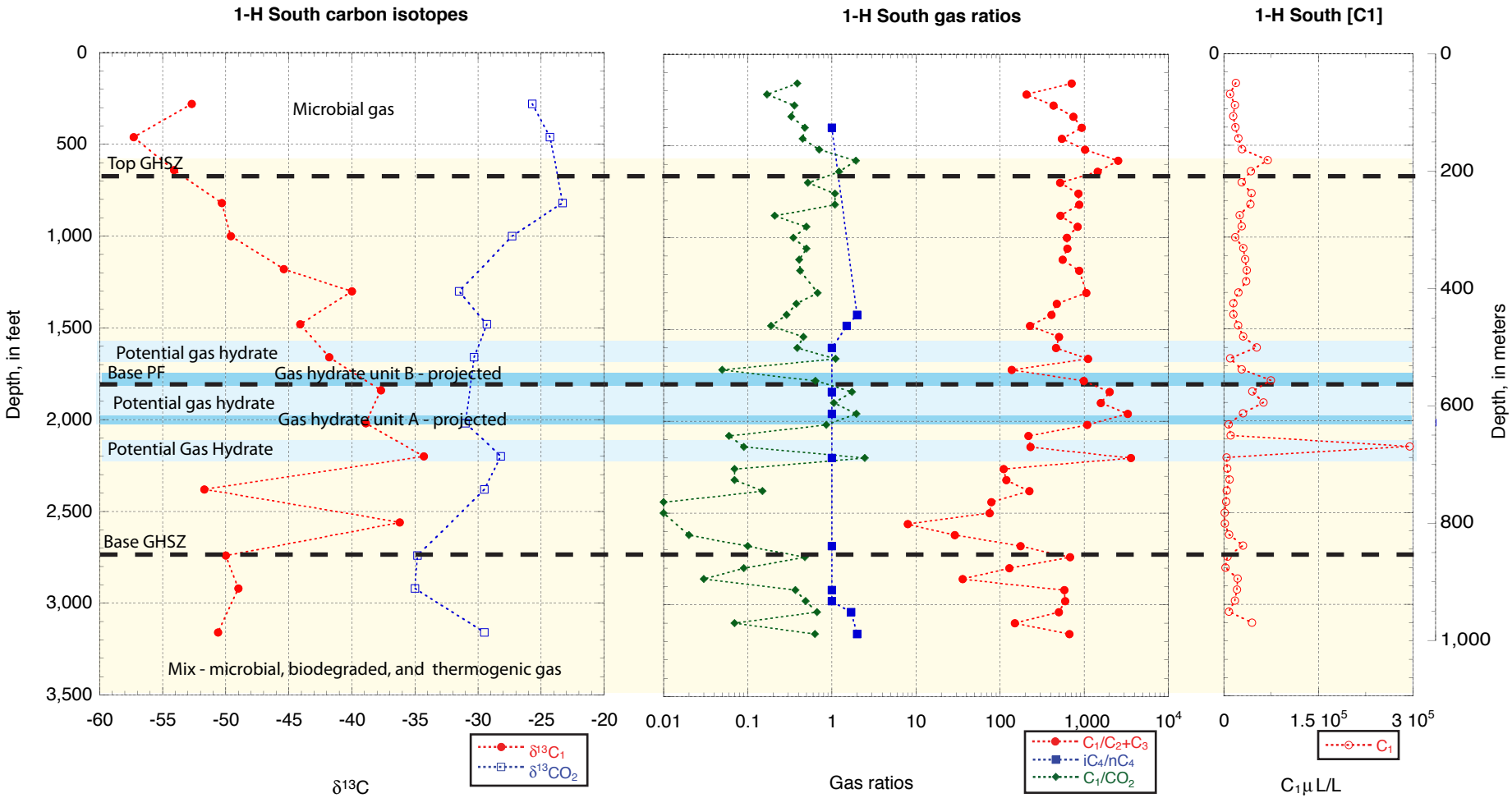
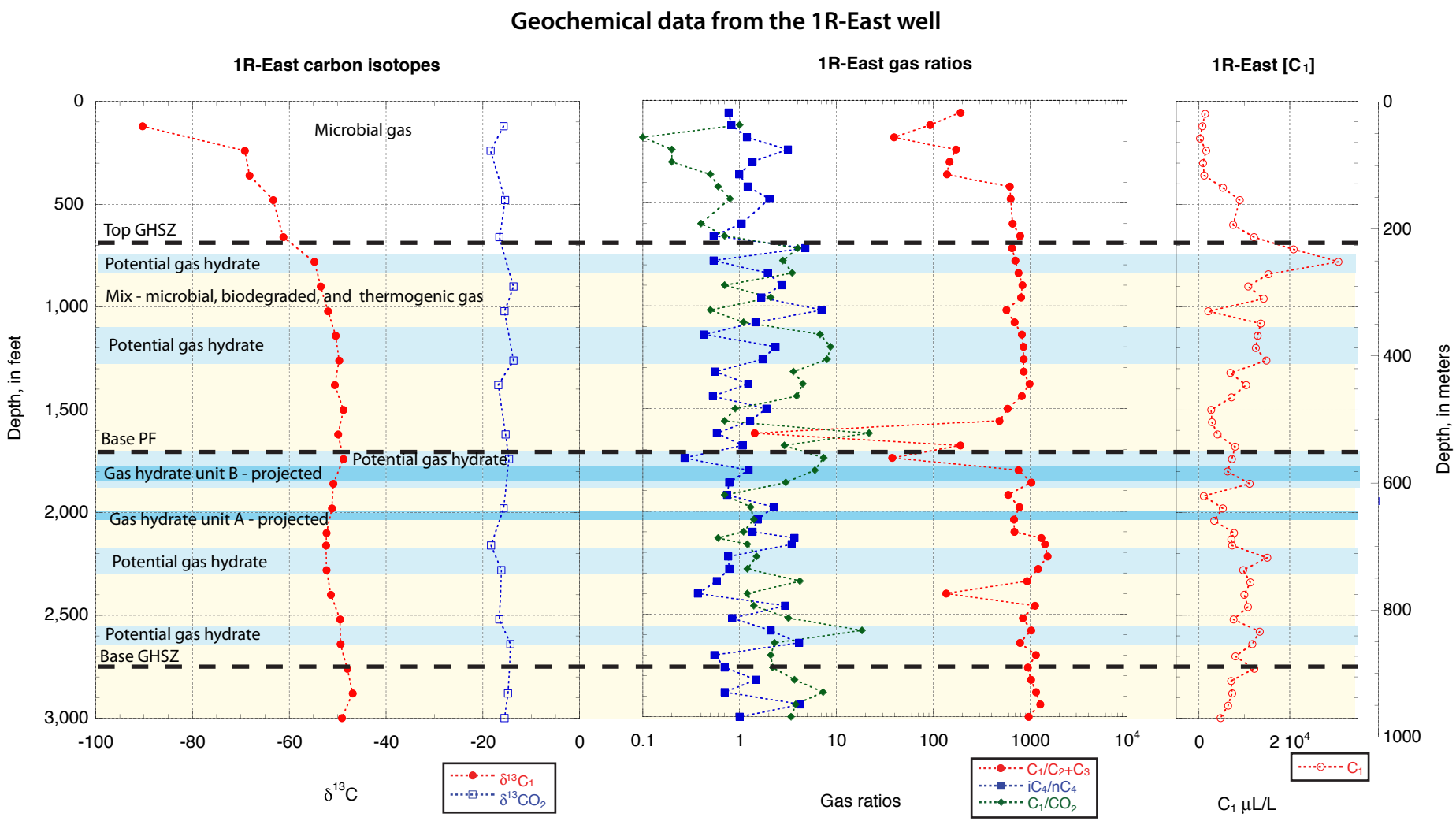
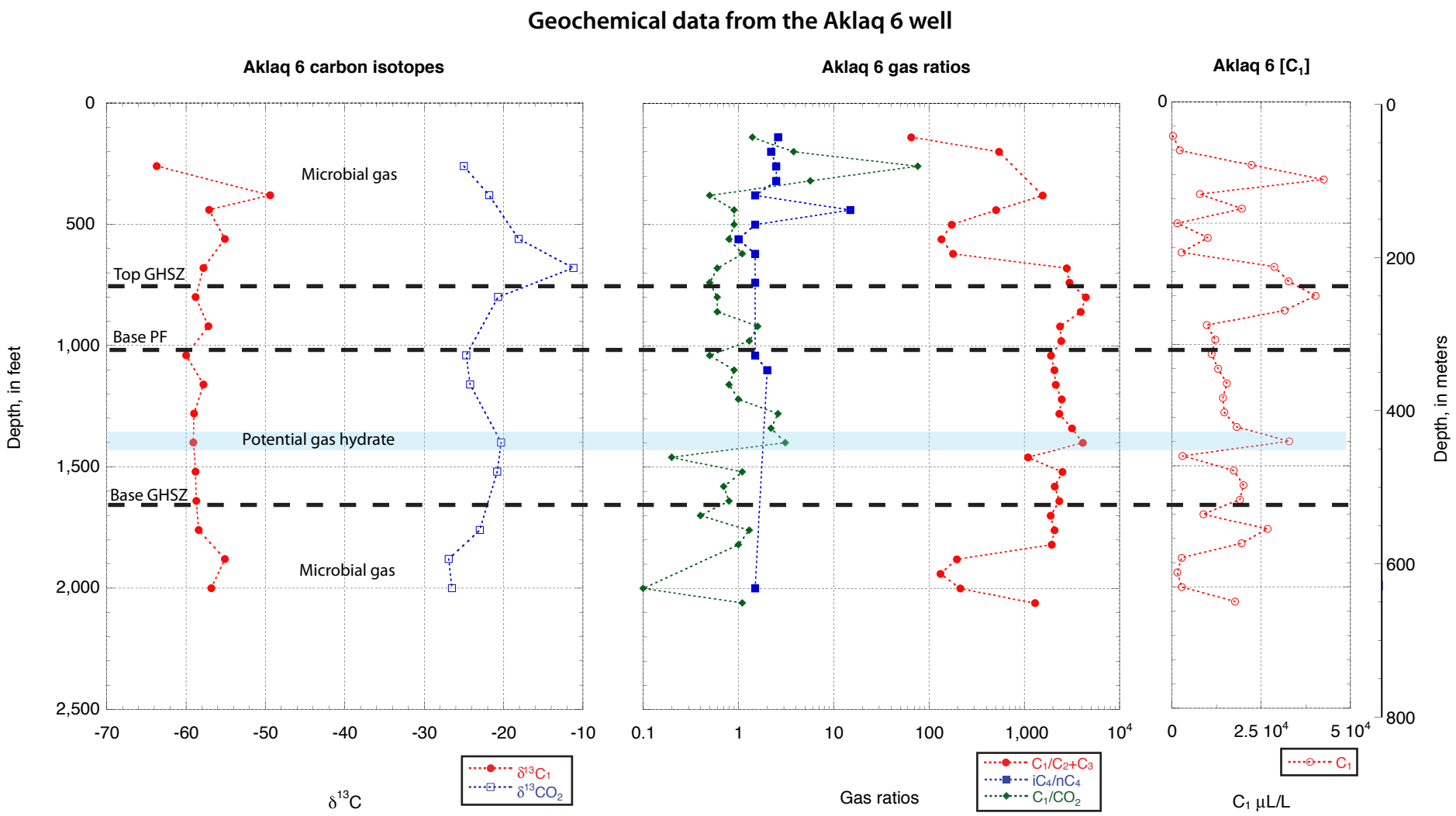
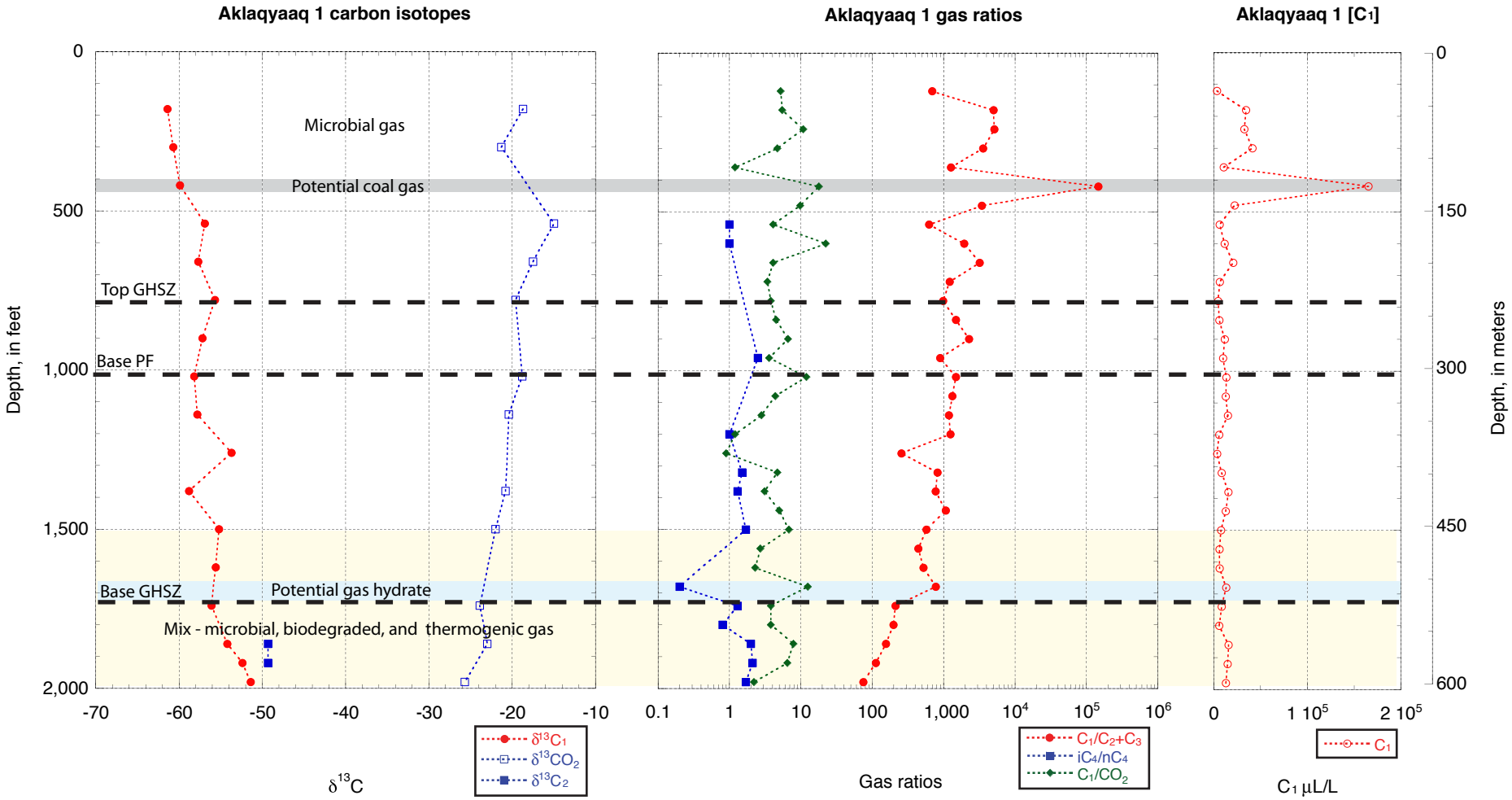
Geochemical data from the 1-H South well



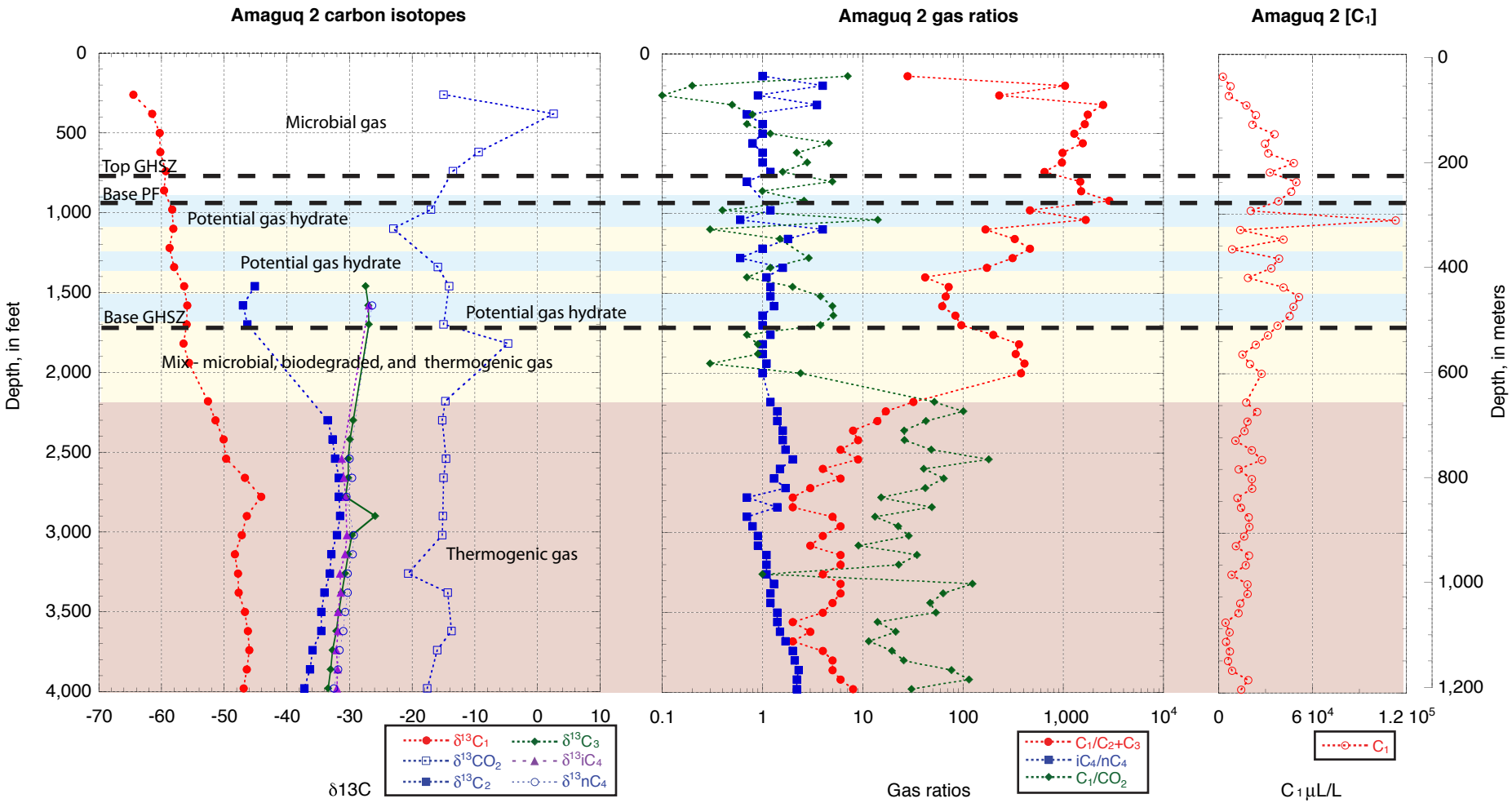

Geochemical data from the 1R-East well
1R-East carbon isotopes
1R-East gas ratios
1R-East [C1]
Microbial gas
Top GHSZ
Potential gas hydrate
Mix - microbial, biodegraded, and thermogenic gas
Potential gas hydrate
Base PF
Potential gas hydrate
Gas hydrate unit B - projected
Gas hydrate unit A - projected
Potential gas hydrate
Potential gas hydrate
Base GHSZ
Depth, in feet
Depth, in meters
δ13C
δ13C1
δ13CO2
Gas ratios
C1/C2+C3
iC4/nC4
C1/CO2
C1 µL/L
C1

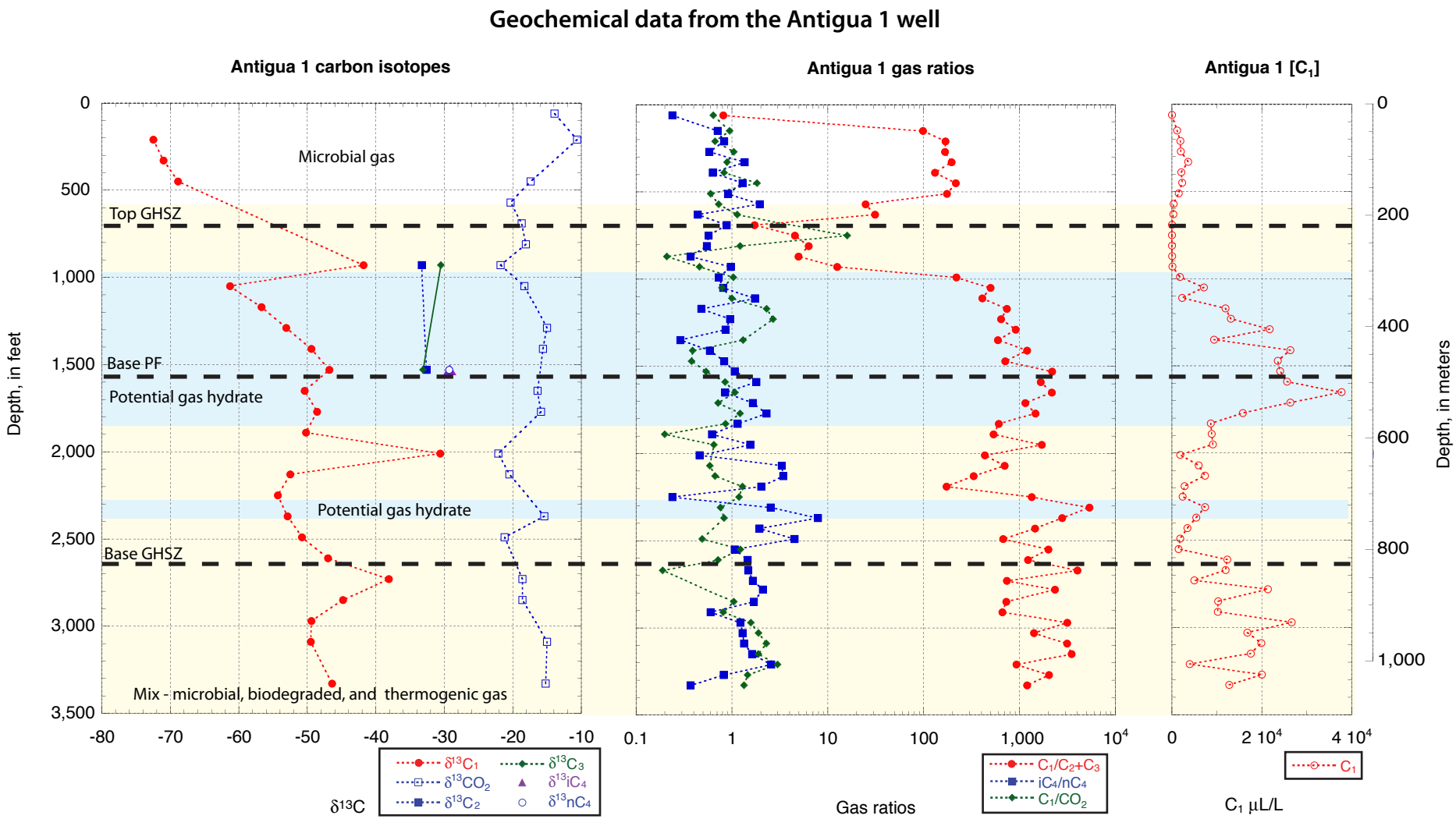

Geochemical data from the Aklaq 6 well
Aklaq 6 carbon isotopes
Aklaq 6 gas ratios
Aklaq 6 [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Base PF
Potential gas hydrate
Base GHSZ
Microbial gas
δ13C1
δ13CO2
δ13C
C1/C2+C3
iC4/nC4
C1/CO2
Gas ratios
C1
C1 µL/L

Geochemical data from the Aklaqyaaq 1 well

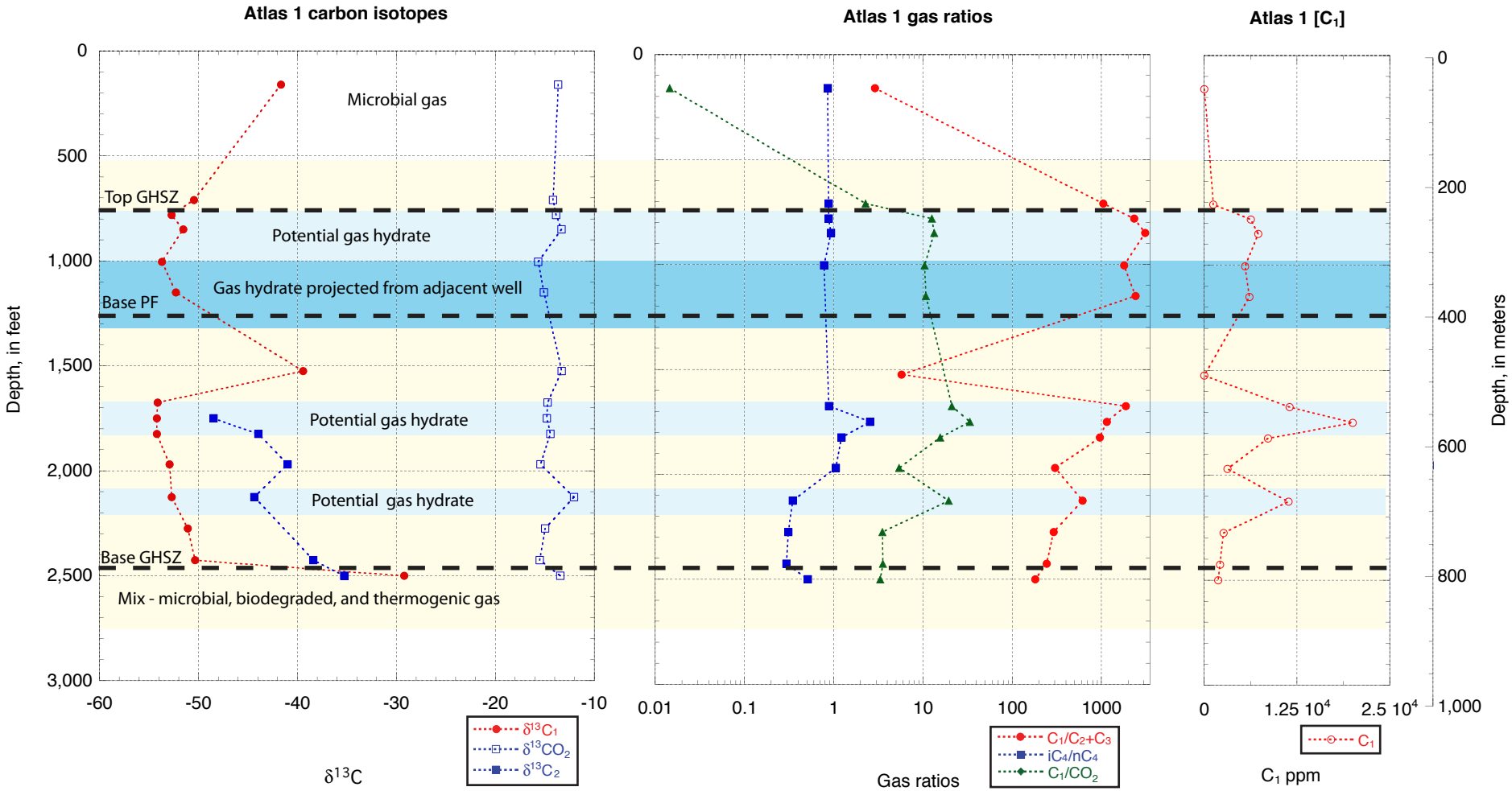


Geochemical data from the Amaguq 2 well

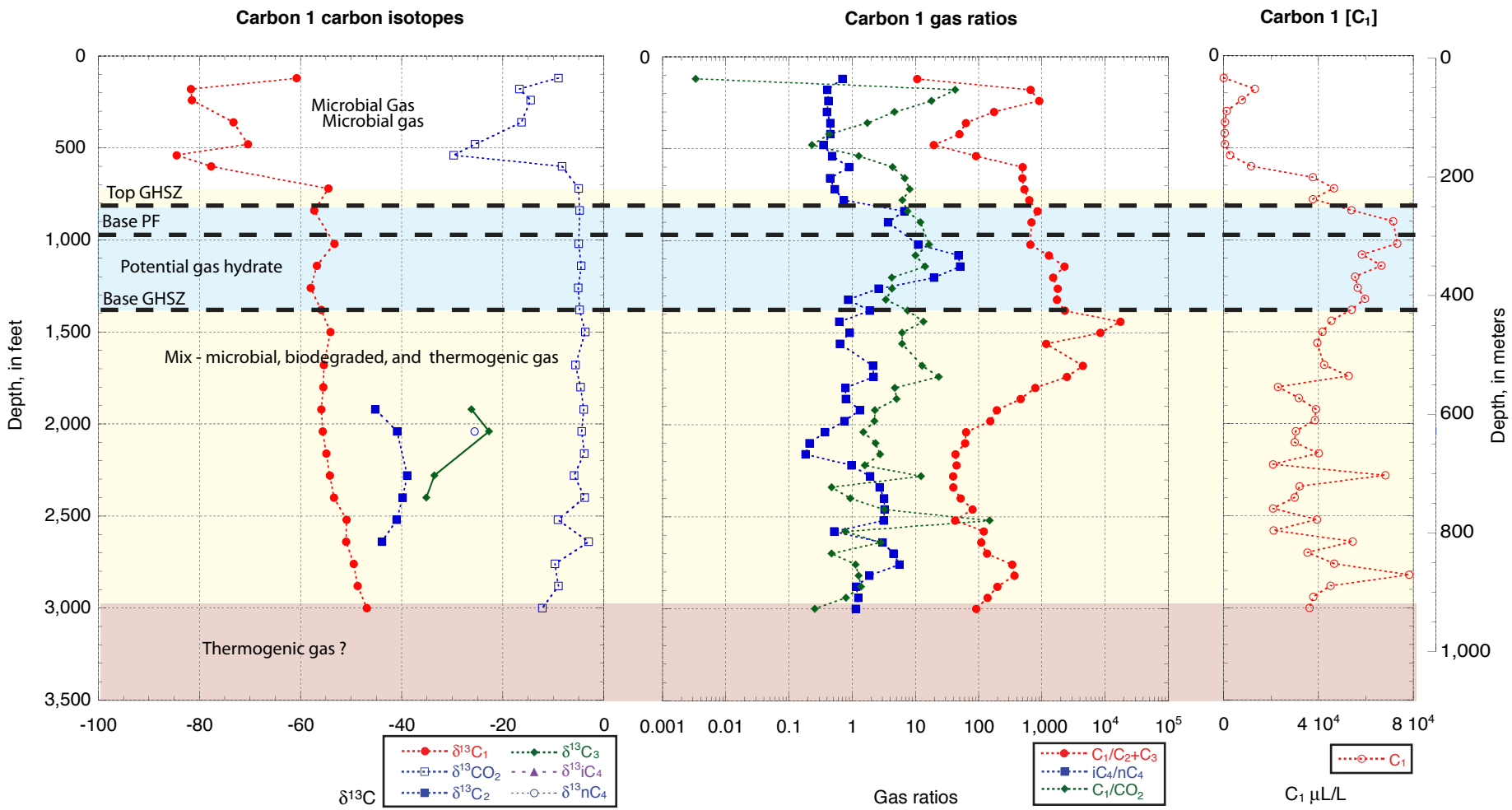


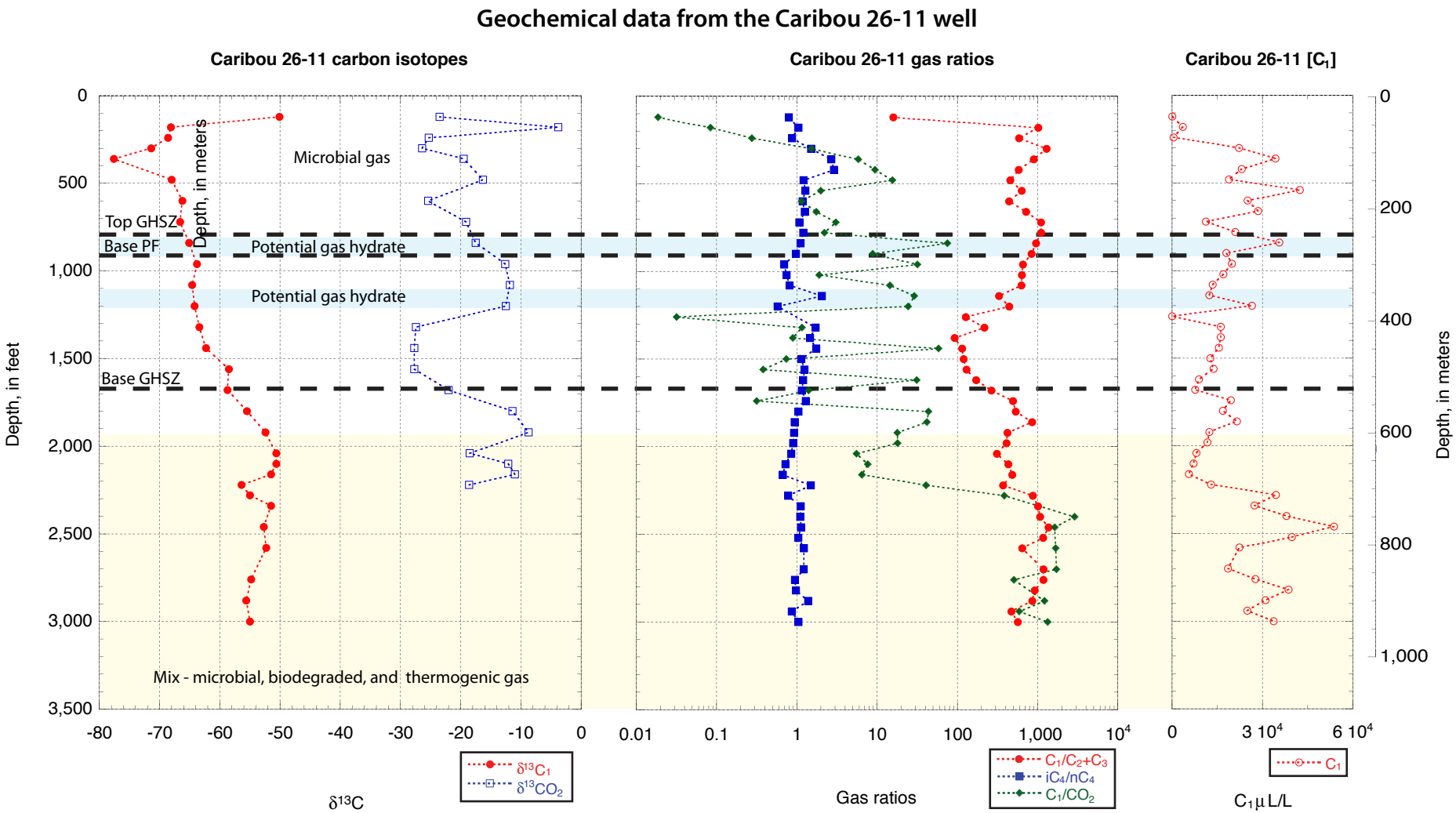

Geochemical data from the Antigua 1 well
Antigua 1 carbon isotopes
Antigua 1 gas ratios
Antigua 1 [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Base PF
Potential gas hydrate
Potential gas hydrate
Base GHSZ
Mix - microbial, biodegraded, and thermogenic gas
δ13C1
δ13C3
δ13CO2
δ13iC4
δ13C2
δ13nC4
δ13C
C1/C2+C3
iC4/nC4
C1/CO2
Gas ratios
C1
C1 µL/L

Geochemical data from the Atlas 1 well

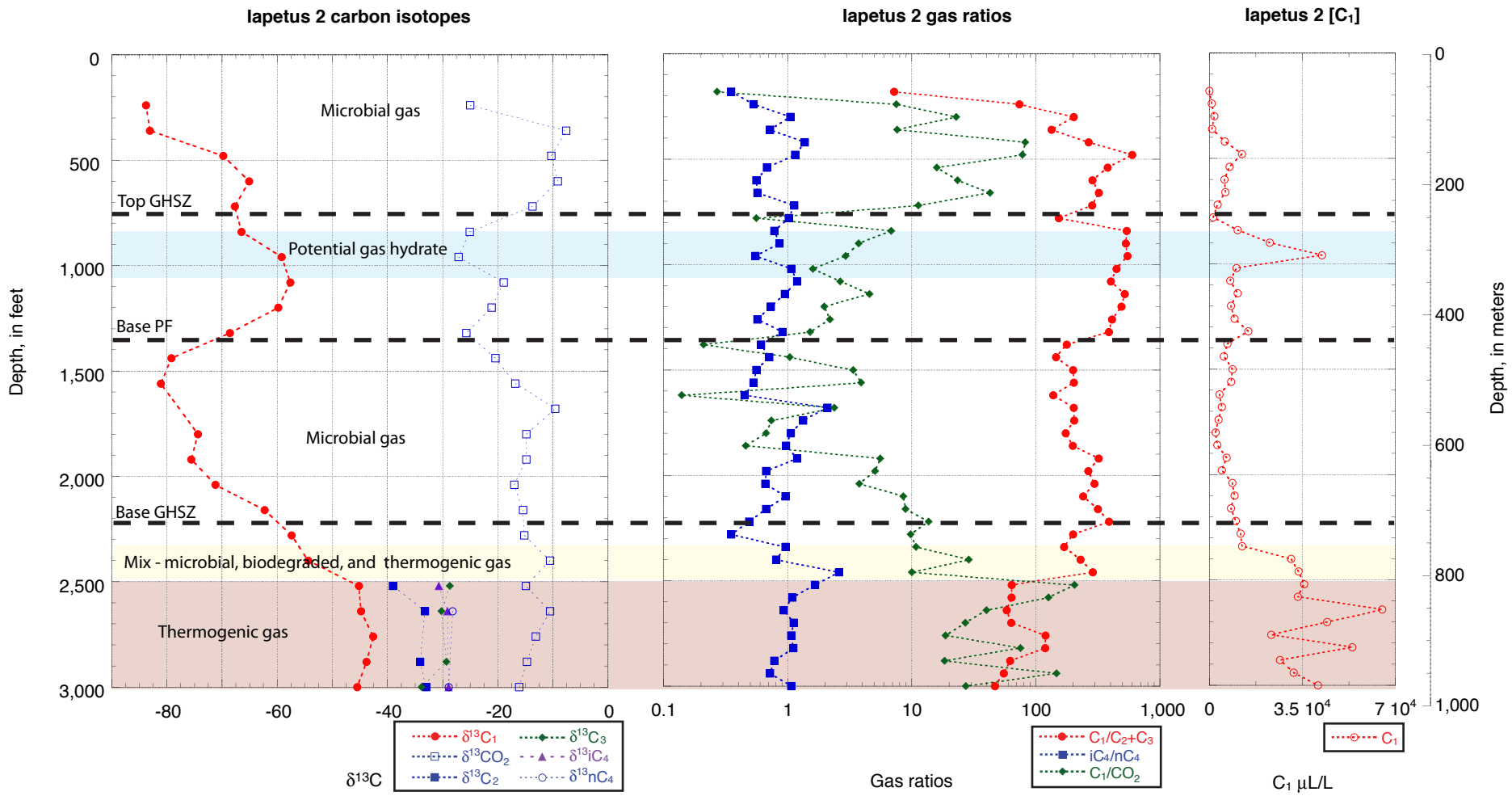


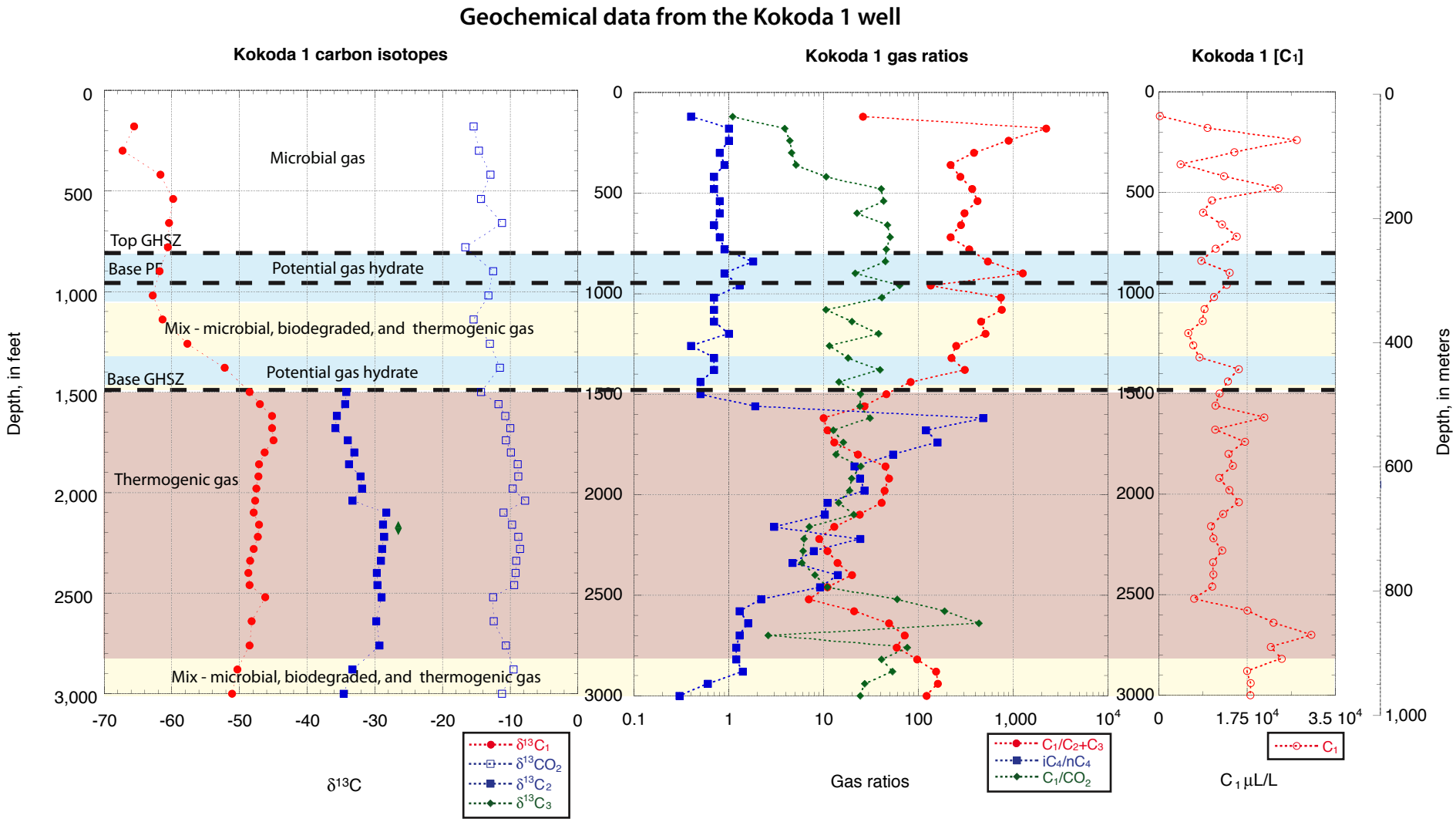
Geochemical data from the Carbon 1 well

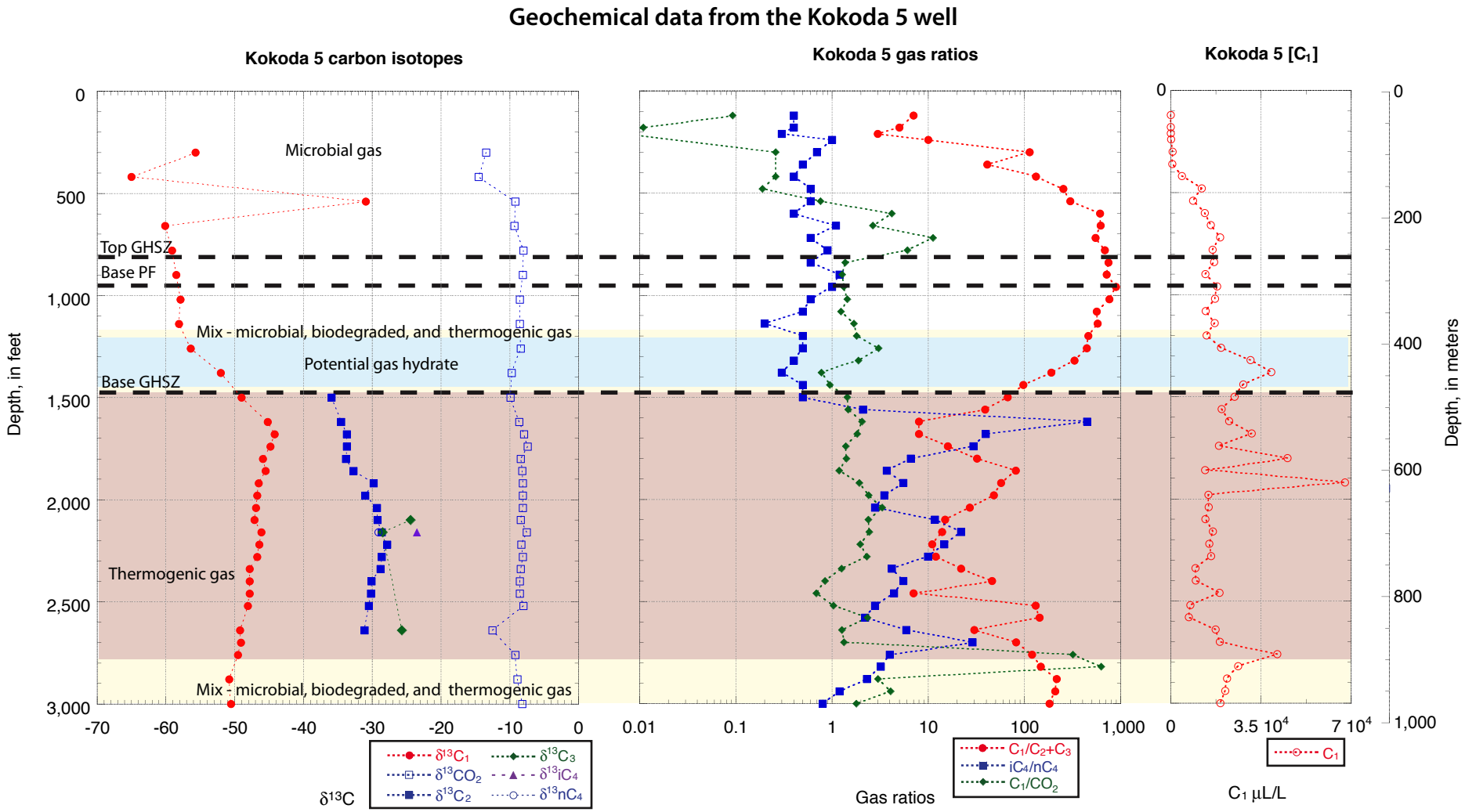



Geochemical data from the Caribou 26-11 well
Caribou 26-11 carbon isotopes
Caribou 26-11 gas ratios
Caribou 26-11 [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Base PF
Potential gas hydrate
Potential gas hydrate
Base GHSZ
Mix - microbial, biodegraded, and thermogenic gas
δ13C1
δ13CO2
δ13C
C1/C2+C3
iC4/nC4
C1/CO2
Gas ratios
C1
C1 µL/L

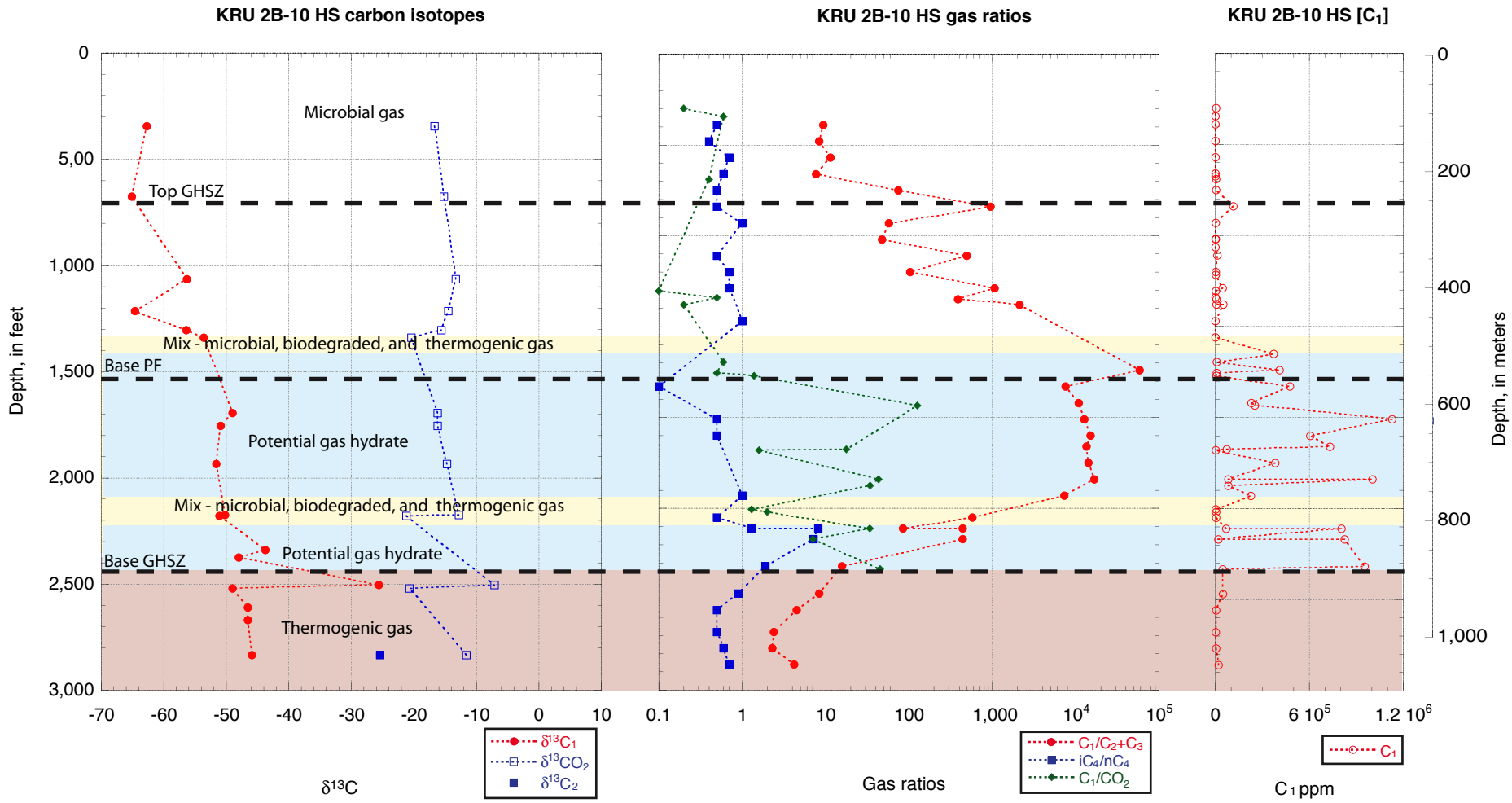
Geochemical data from the Iapetus 2 well



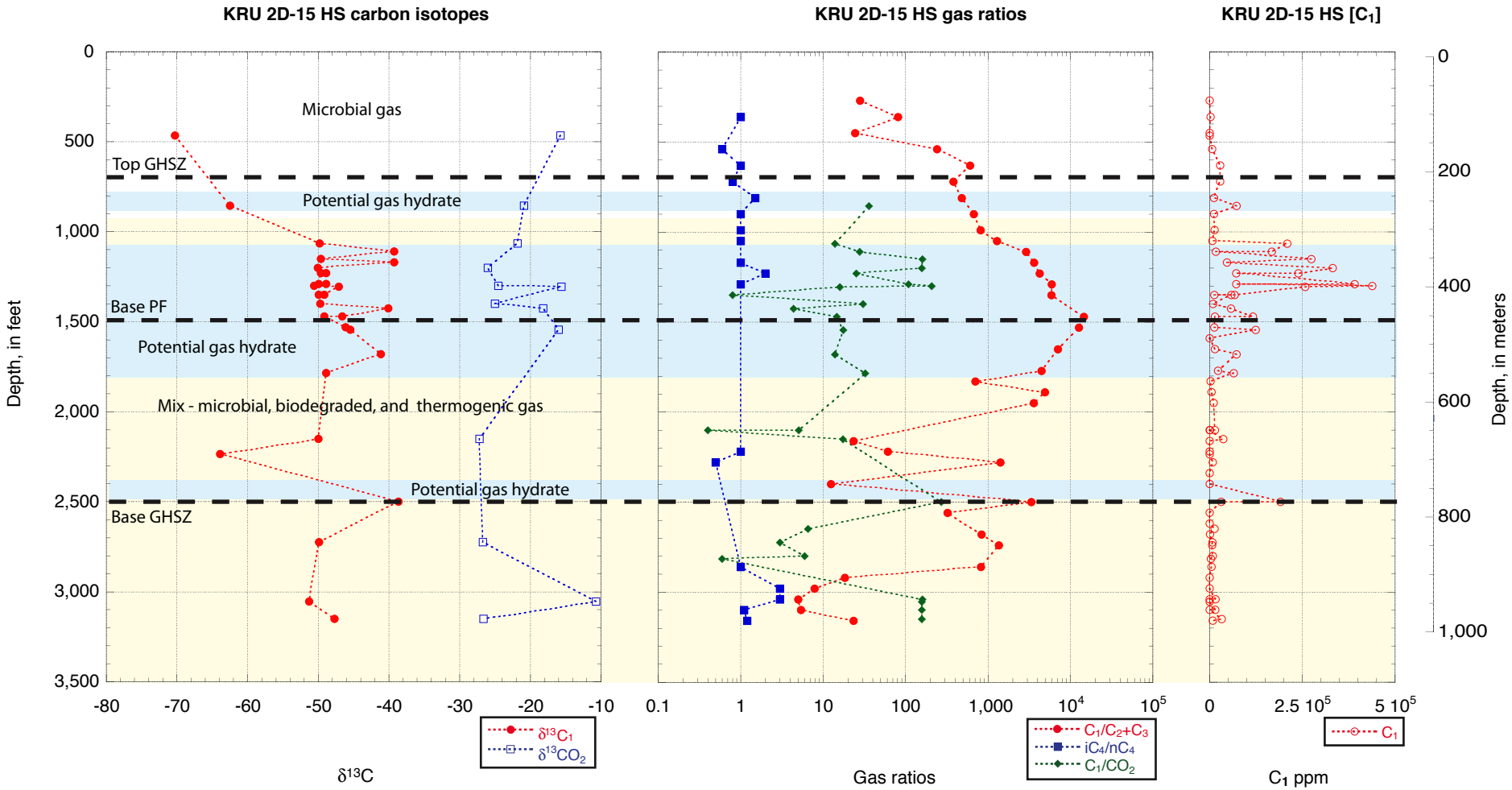

Geochemical data from the Kokoda 1 well
Kokoda 1 carbon isotopes
Kokoda 1 gas ratios
Kokoda 1 [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Base PF
Potential gas hydrate
Mix - microbial, biodegraded, and thermogenic gas
Base GHSZ
Potential gas hydrate
Thermogenic gas
Mix - microbial, biodegraded, and thermogenic gas
δ13C
δ13C1
δ13CO2
δ13C2
δ13C3
Gas ratios
C1/C2+C3
iC4/nC4
C1/CO2
C1 µL/L
C1


Geochemical data from the Kokoda 5 well
Kokoda 5 carbon isotopes
Kokoda 5 gas ratios
Kokoda 5 [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Base PF
Mix - microbial, biodegraded, and thermogenic gas
Potential gas hydrate
Base GHSZ
Thermogenic gas
Mix - microbial, biodegraded, and thermogenic gas
δ13C1
δ13C3
δ13CO2
δ13iC4
δ13C2
δ13nC4
δ13C
C1/C2+C3
iC4/nC4
C1/CO2
Gas ratios
C1
C1 µL/L

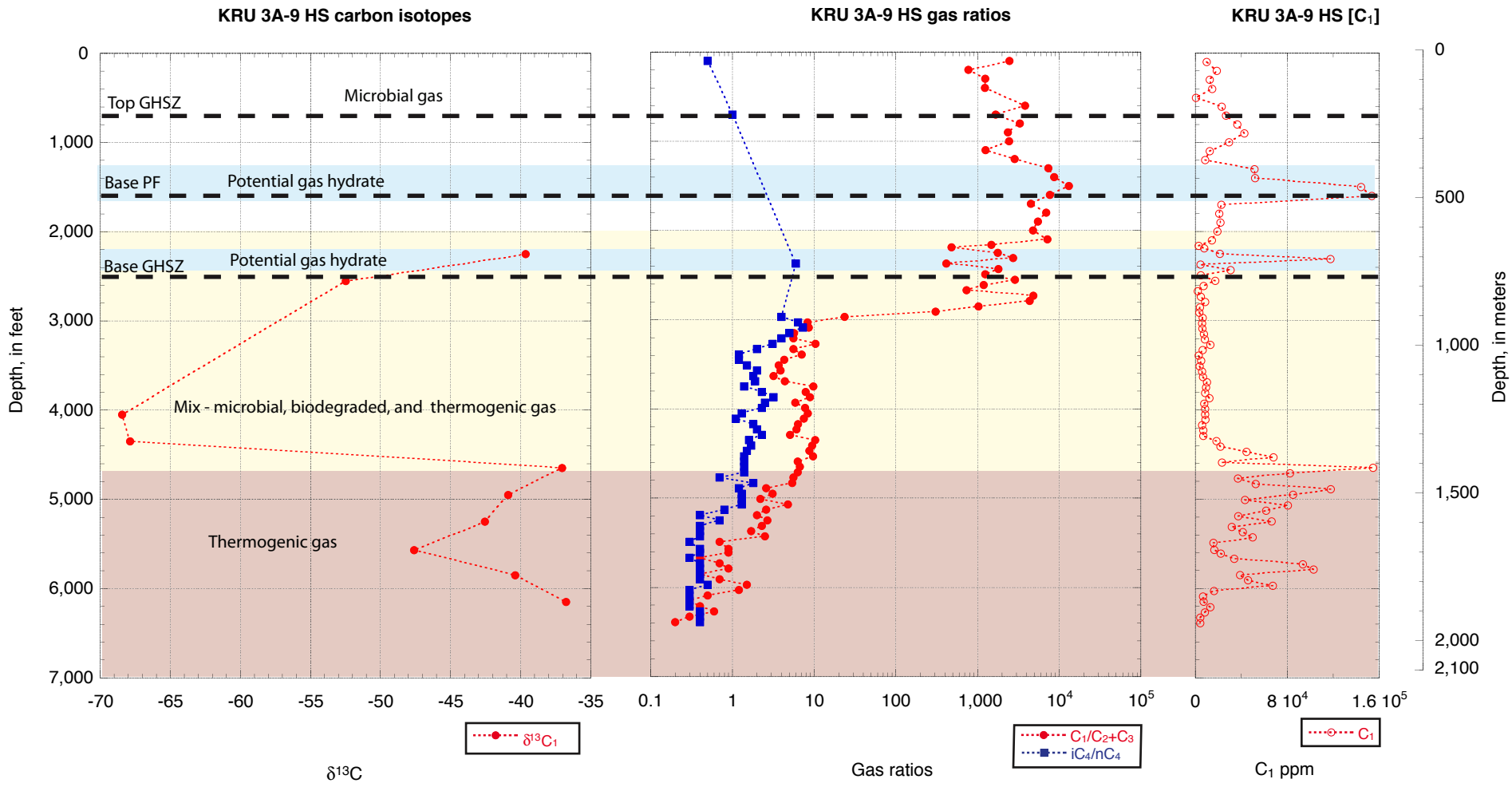
Geochemical data from the KRU 2B-10 well, HS



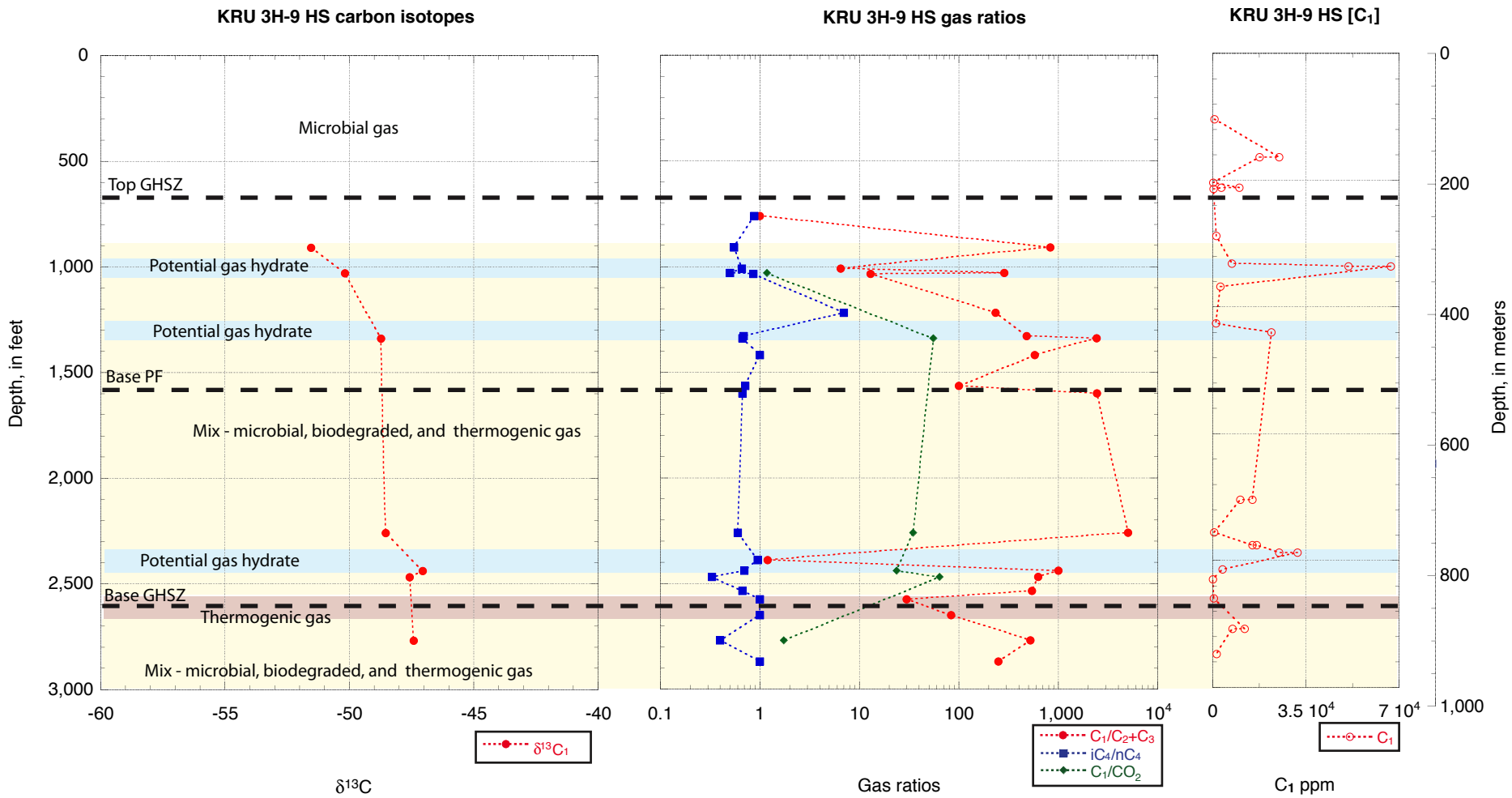
Geochemical data from the KRU 2D-15 well, HS

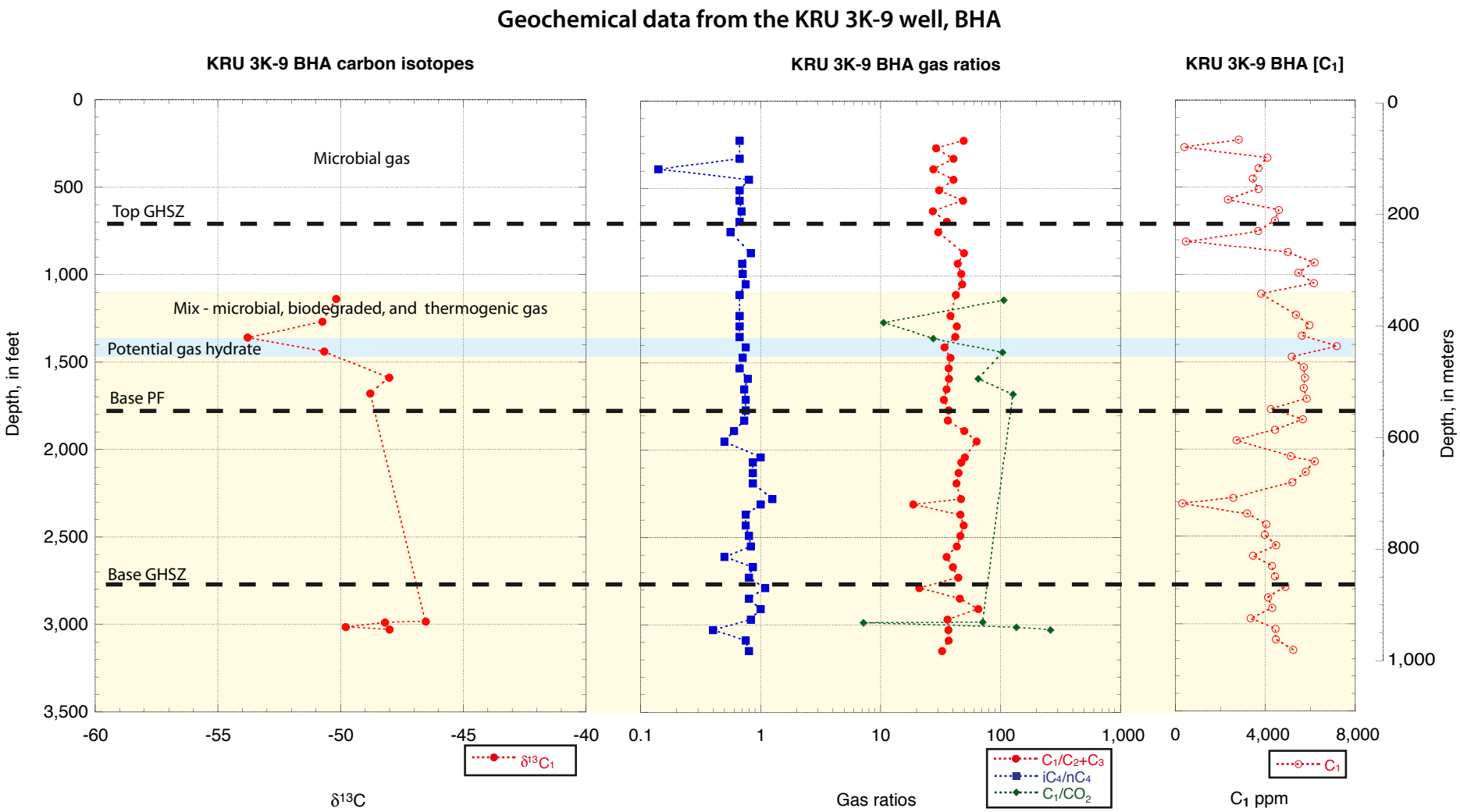


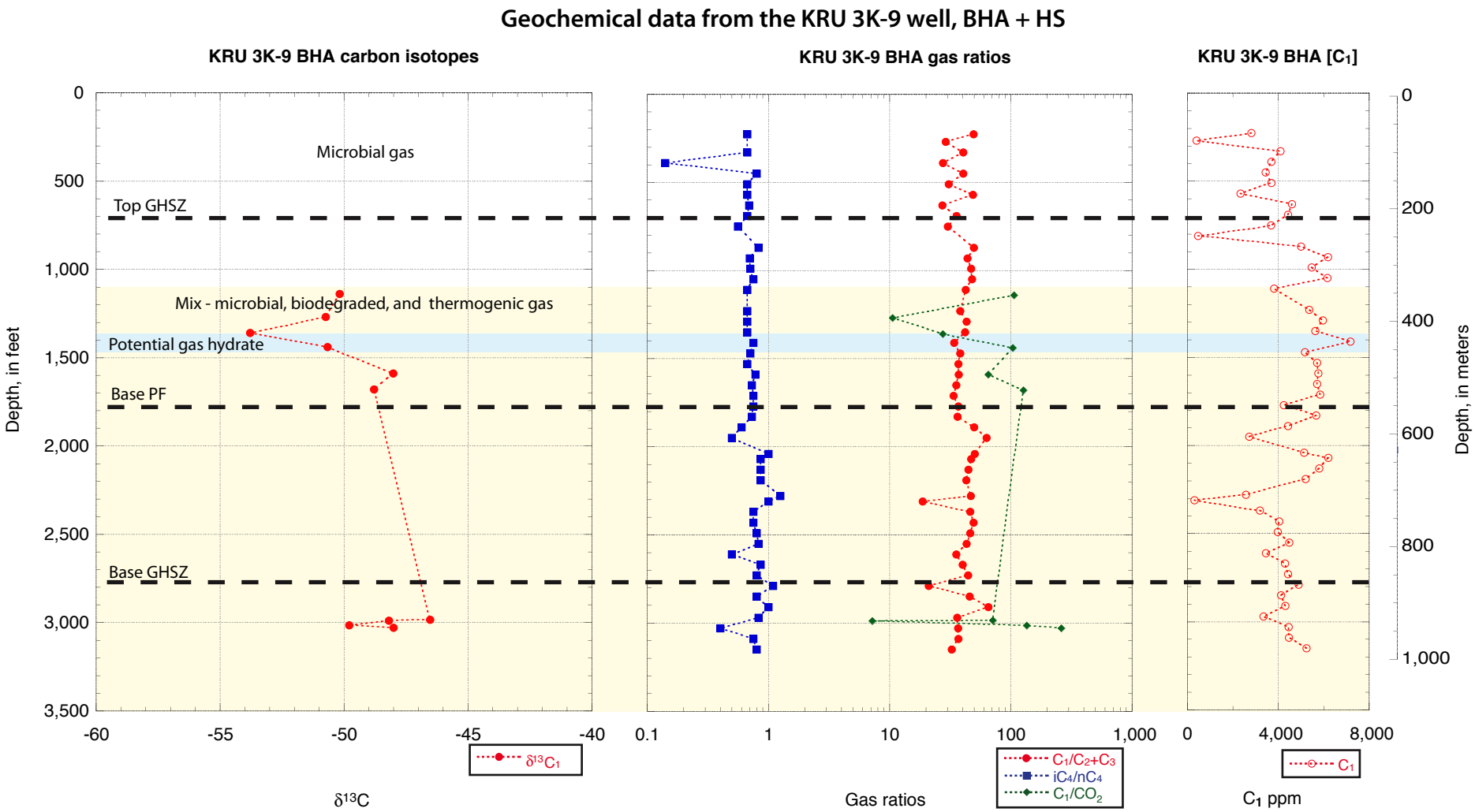
Geochemical data from the KRU 3A-9 well, HS



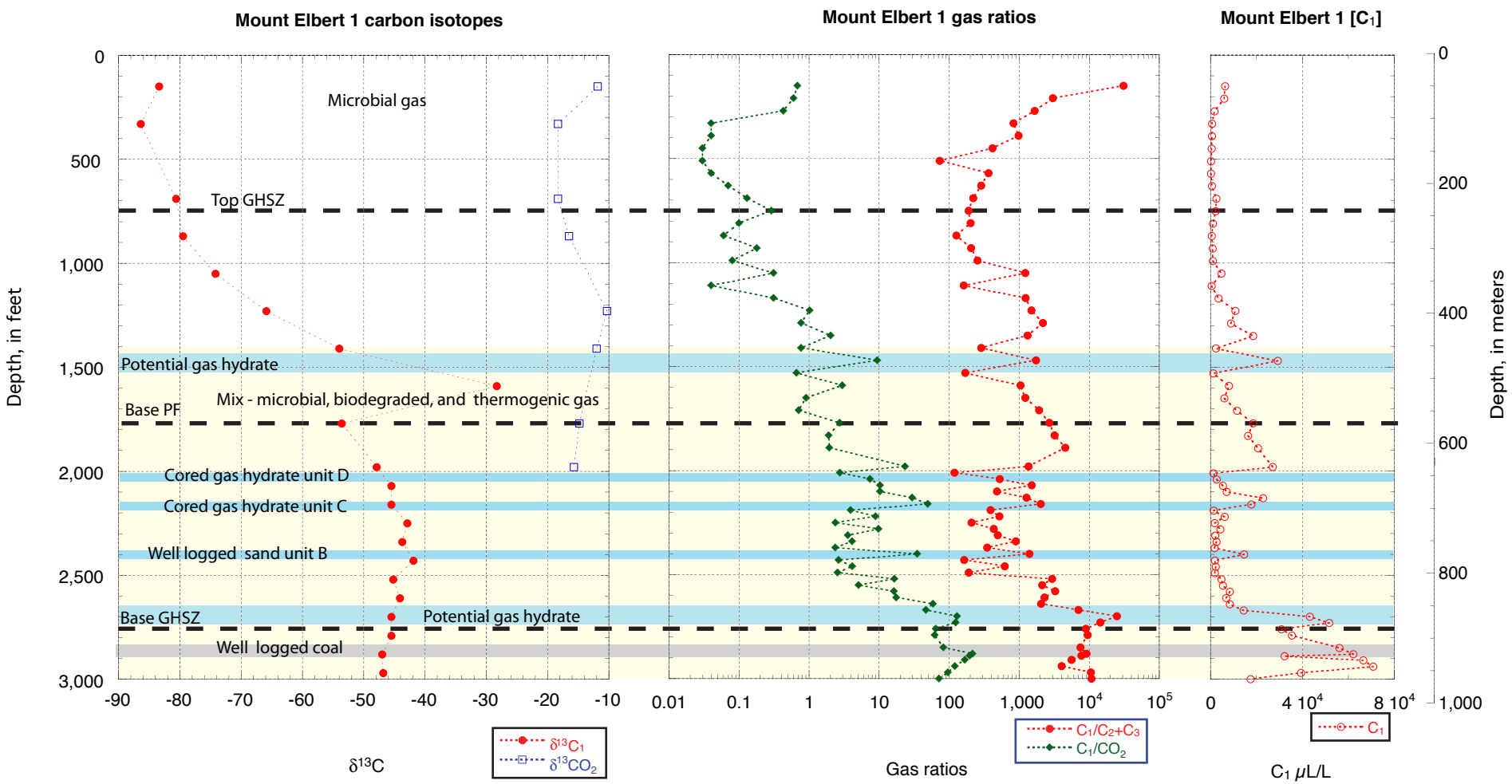
Geochemical data from the KRU 3H-9 well, HS

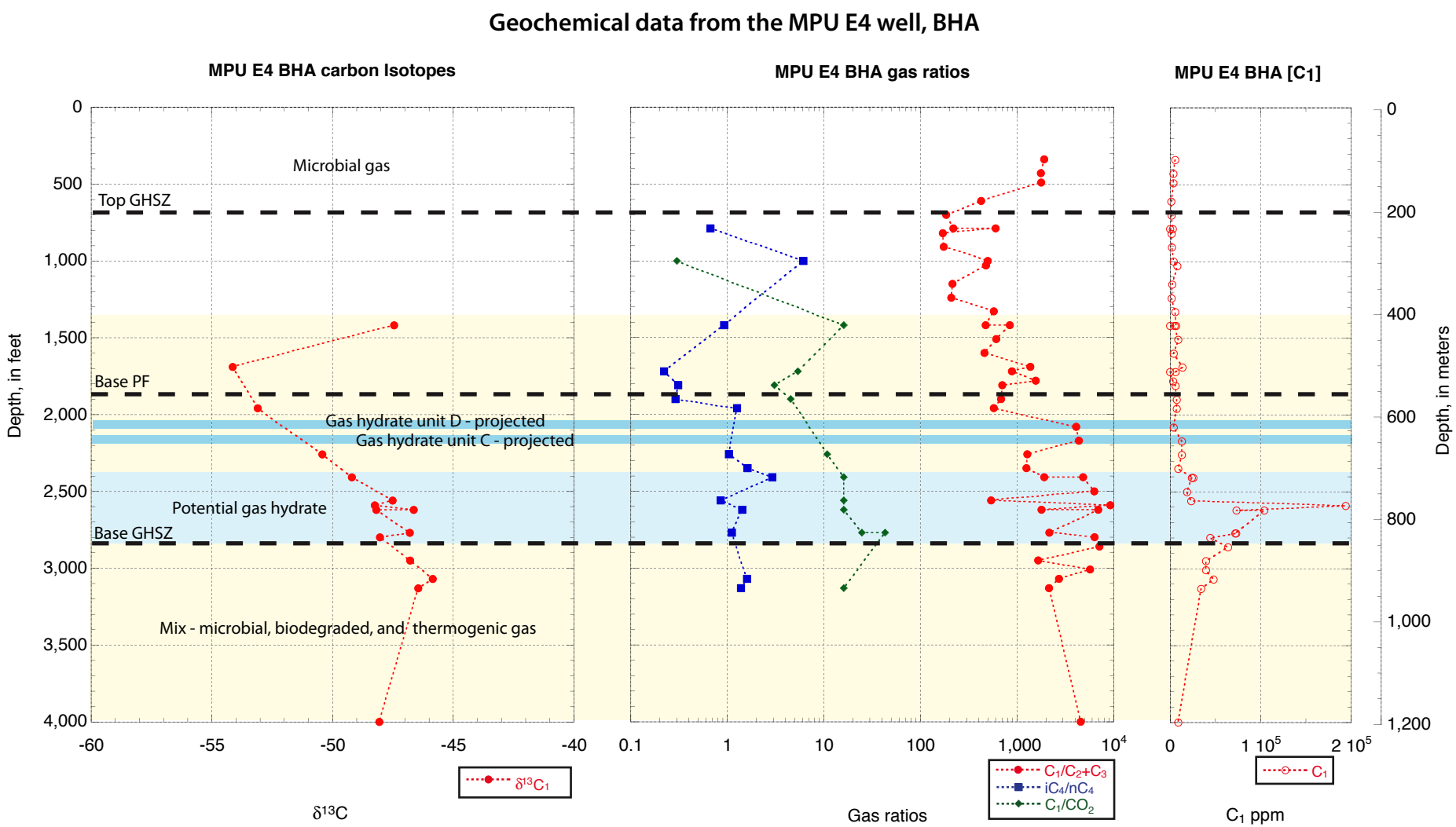


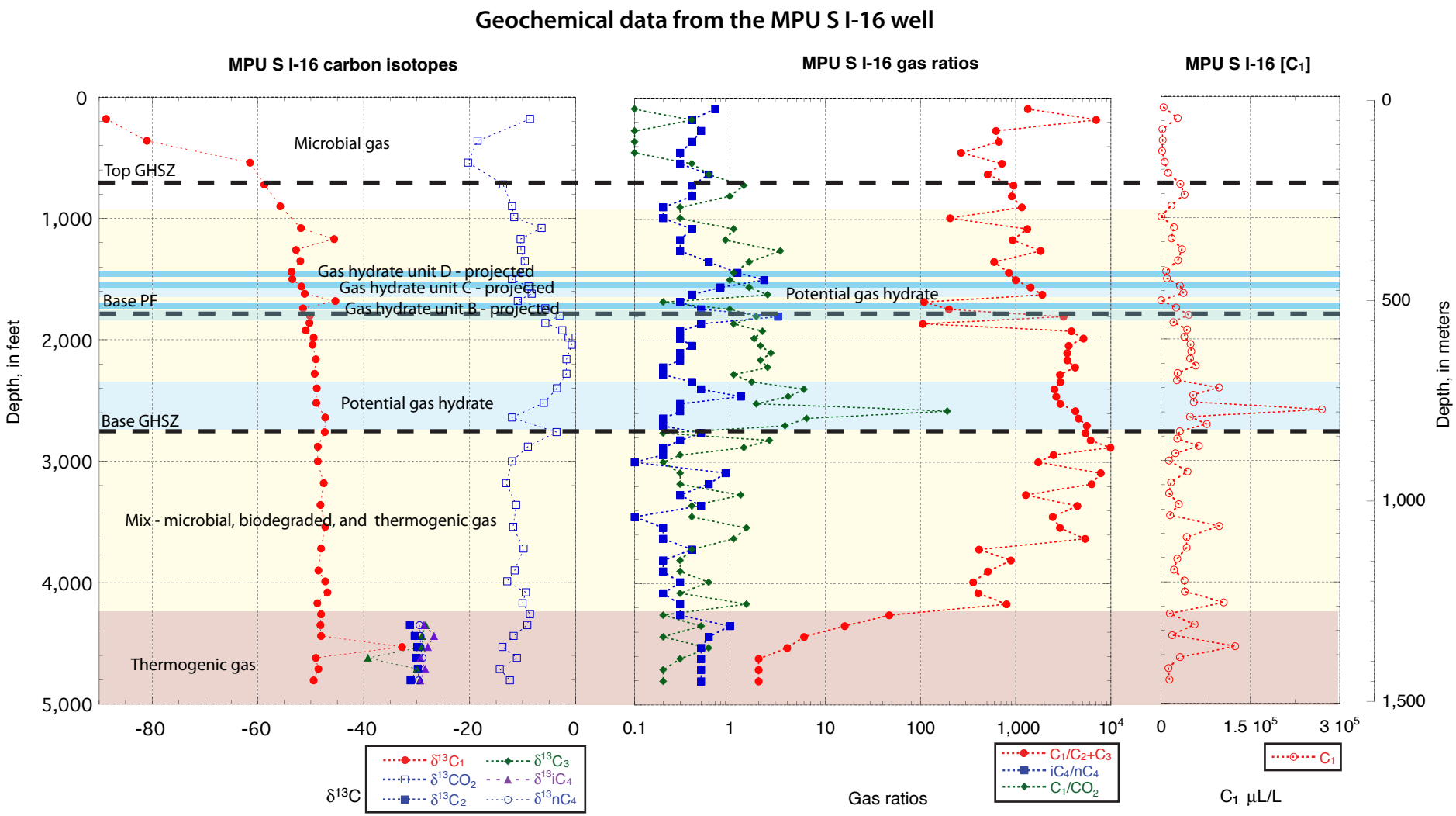

Geochemical data from the KRU 3K-9 well, BHA
KRU 3K-9 BHA carbon isotopes
KRU 3K-9 BHA gas ratios
KRU 3K-9 BHA [C1]
Microbial gas
Top GHSZ
Mix - microbial, biodegraded, and thermogenic gas
Potential gas hydrate
Base PF
Base GHSZ
Depth, in feet
Depth, in meters
δ13C1
δ13C
C1/C2+C3
iC4/nC4
C1/CO2
Gas ratios
C1
C1 ppm

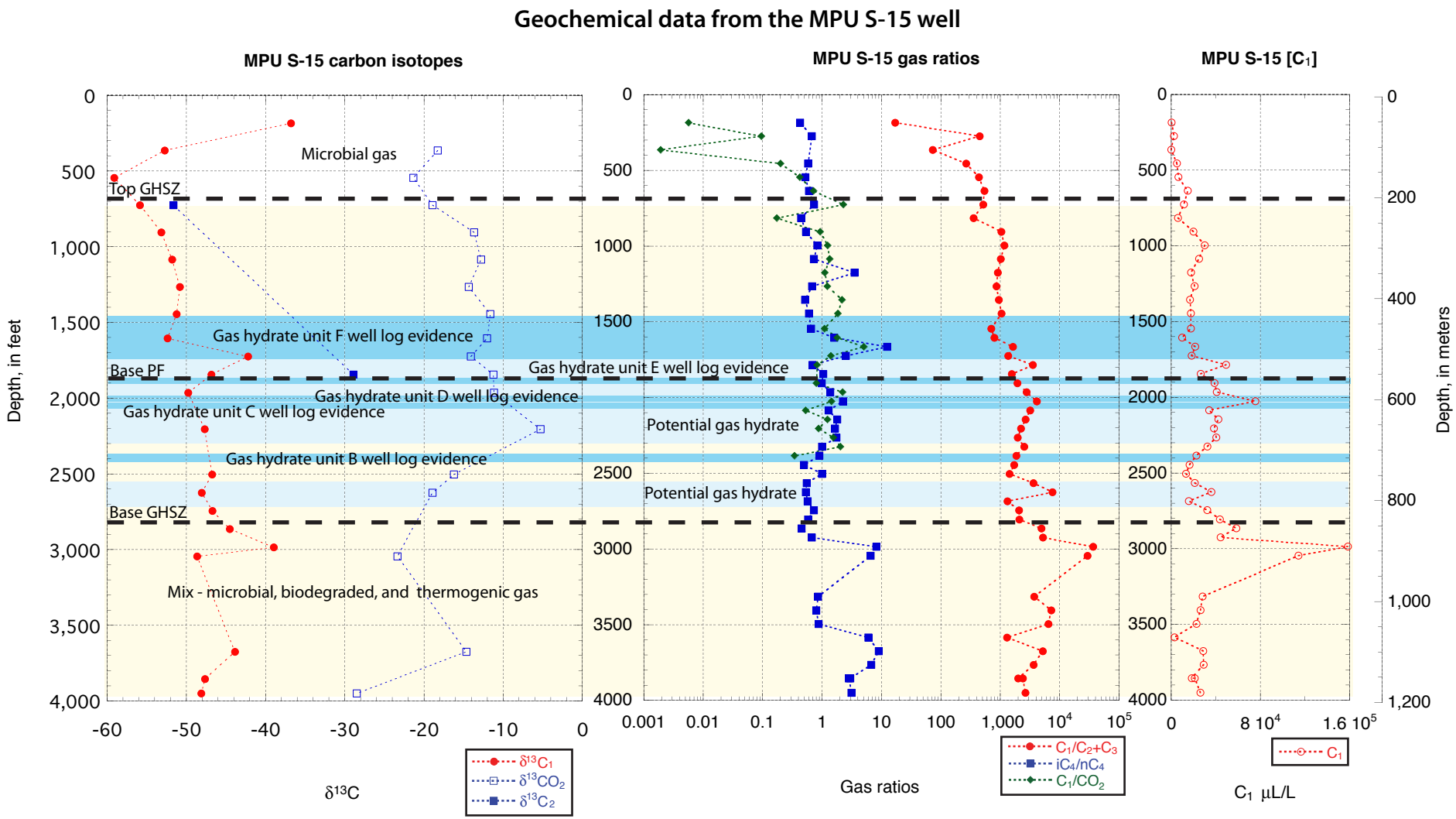

Geochemical data from the KRU 3K-9 well, BHA + HS
KRU 3K-9 BHA carbon isotopes
KRU 3K-9 BHA gas ratios
KRU 3K-9 BHA [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Mix - microbial, biodegraded, and thermogenic gas
Potential gas hydrate
Base PF
Base GHSZ
0
500
1,000
1,500
2,000
2,500
3,000
3,500
200
400
600
800
1,000
-60
-55
-50
-45
-40
0.1
1
10
100
1,000
0
4,000
8,000
δ13C1
C1/C2+C3
iC4/nC4
C1/CO2
C1
δ13C
Gas ratios
C1 ppm

Geochemical data from the Mount Elbert 1 well

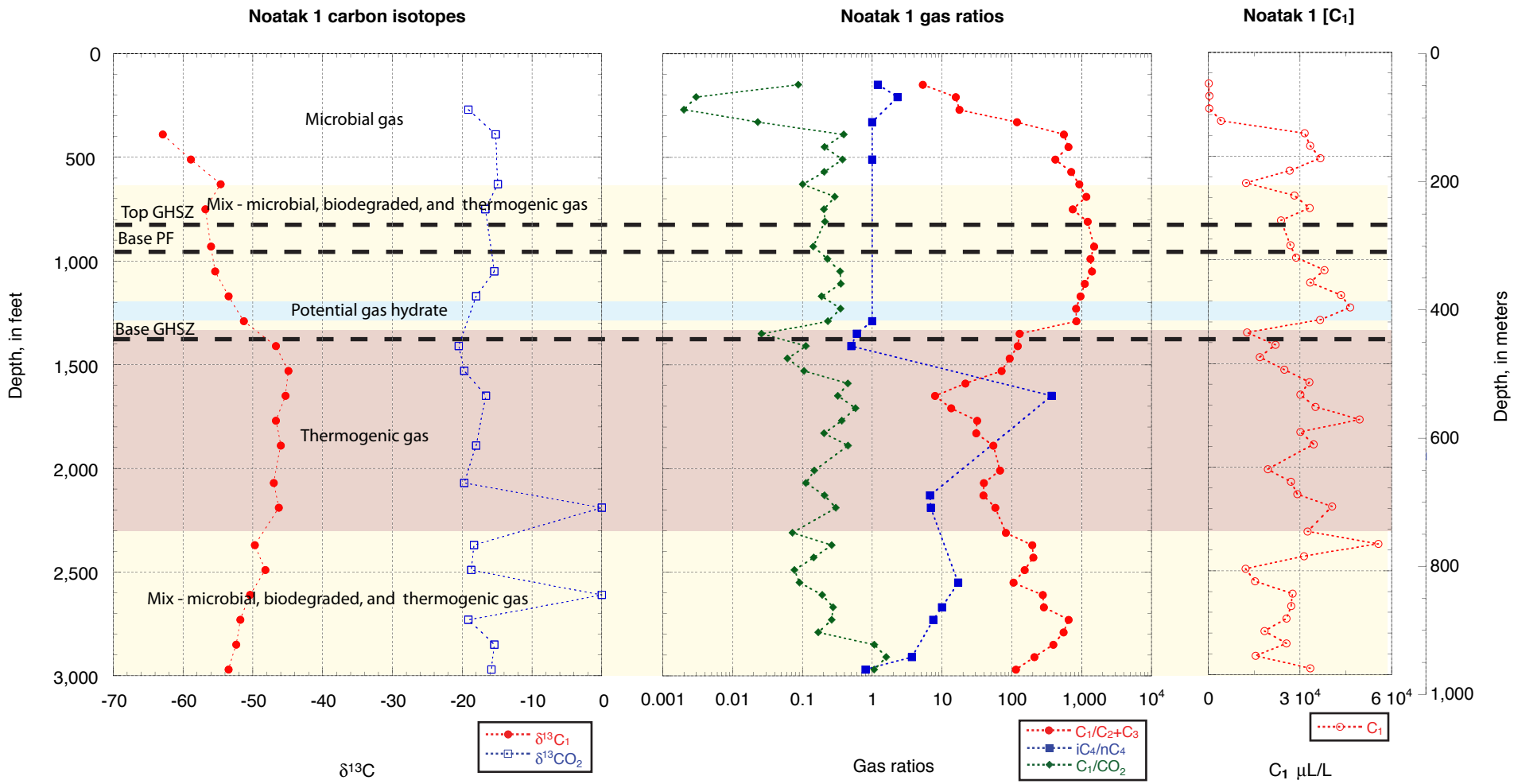



Geochemical data from the MPU E4 well, BHA
MPU E4 BHA carbon Isotopes
MPU E4 BHA gas ratios
MPU E4 BHA [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Base PF
Gas hydrate unit D - projected
Gas hydrate unit C - projected
Potential gas hydrate
Base GHSZ
Mix - microbial, biodegraded, and thermogenic gas
δ13C1
δ13C
C1/C2+C3
iC4/nC4
C1/CO2
Gas ratios
C1
C1 ppm

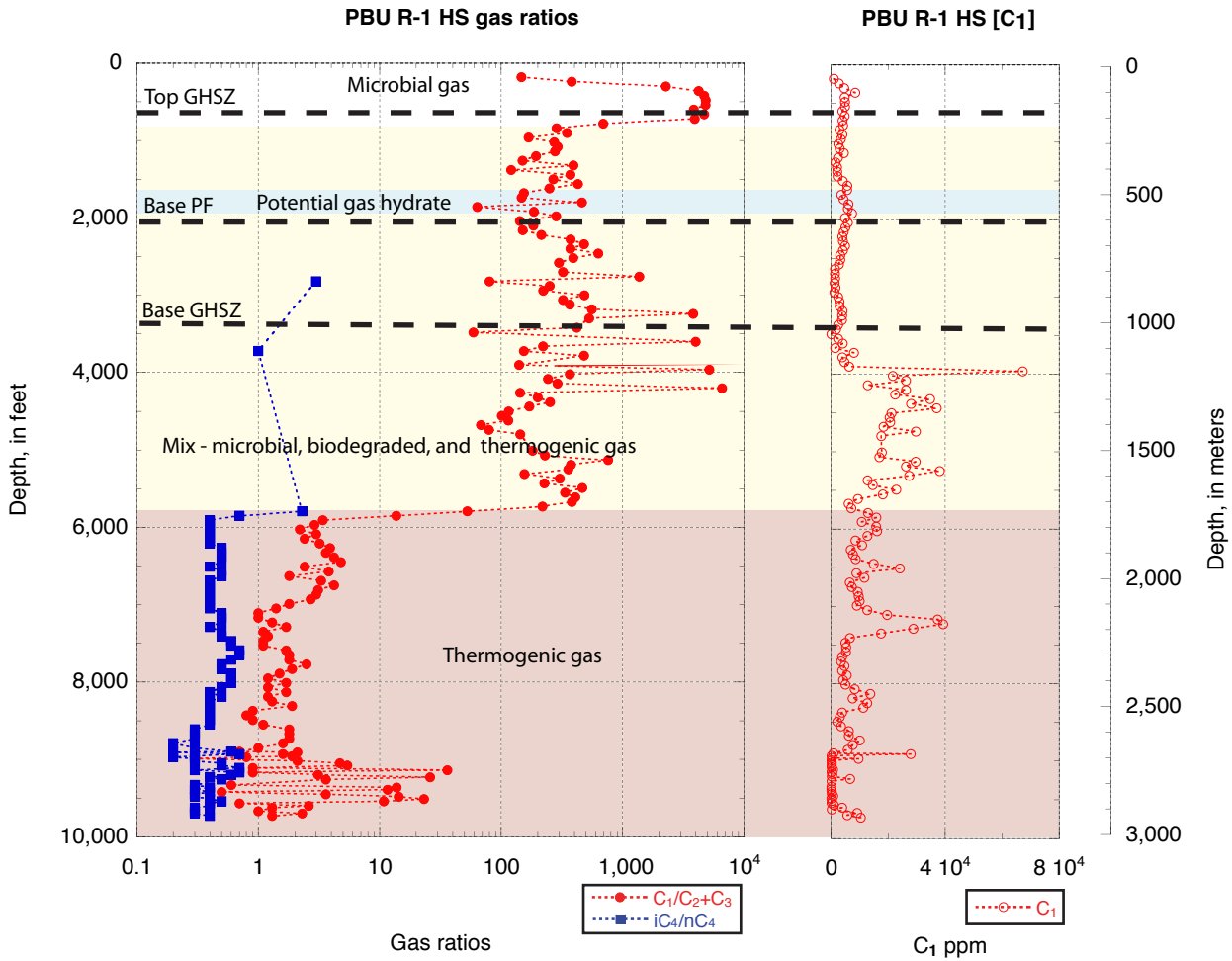

Geochemical data from the MPU S I-16 well
MPU S I-16 carbon isotopes
MPU S I-16 gas ratios
MPU S I-16 [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Gas hydrate unit D - projected
Gas hydrate unit C - projected
Gas hydrate unit B - projected
Base PF
Potential gas hydrate
Base GHSZ
Mix - microbial, biodegraded, and thermogenic gas
Thermogenic gas
δ13C
δ13C1
δ13CO2
δ13C2
δ13C3
δ13iC4
δ13nC4
Gas ratios
C1/C2+C3
iC4/nC4
C1/CO2
C1 µL/L
C1

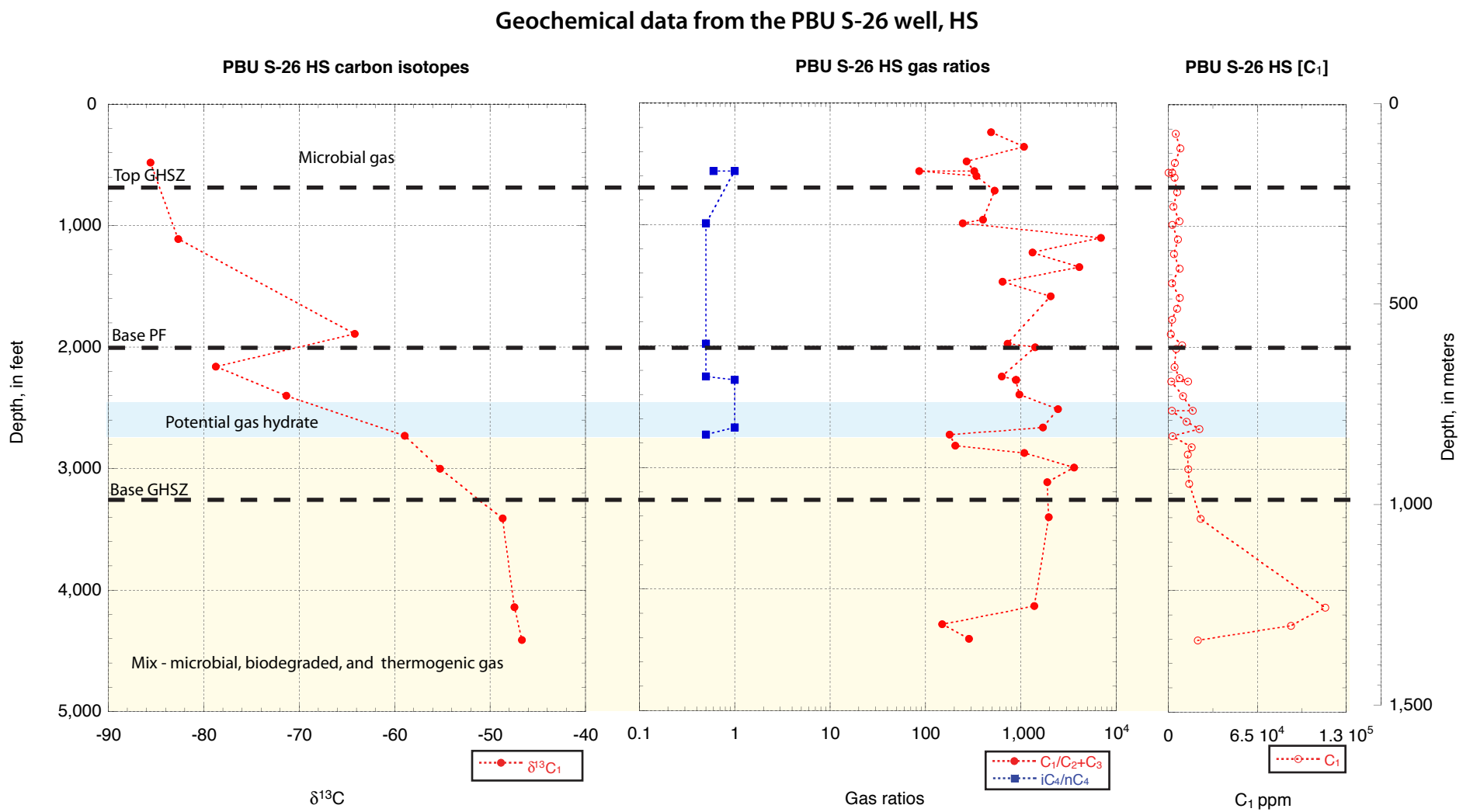

Geochemical data from the MPU S-15 well
MPU S-15 carbon isotopes
MPU S-15 gas ratios
MPU S-15 [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Gas hydrate unit F well log evidence
Base PF
Gas hydrate unit E well log evidence
Gas hydrate unit D well log evidence
Gas hydrate unit C well log evidence
Potential gas hydrate
Gas hydrate unit B well log evidence
Potential gas hydrate
Base GHSZ
Mix - microbial, biodegraded, and thermogenic gas
δ13C1
δ13CO2
δ13C2
δ13C
C1/C2+C3
iC4/nC4
C1/CO2
Gas ratios
C1
C1 µL/L

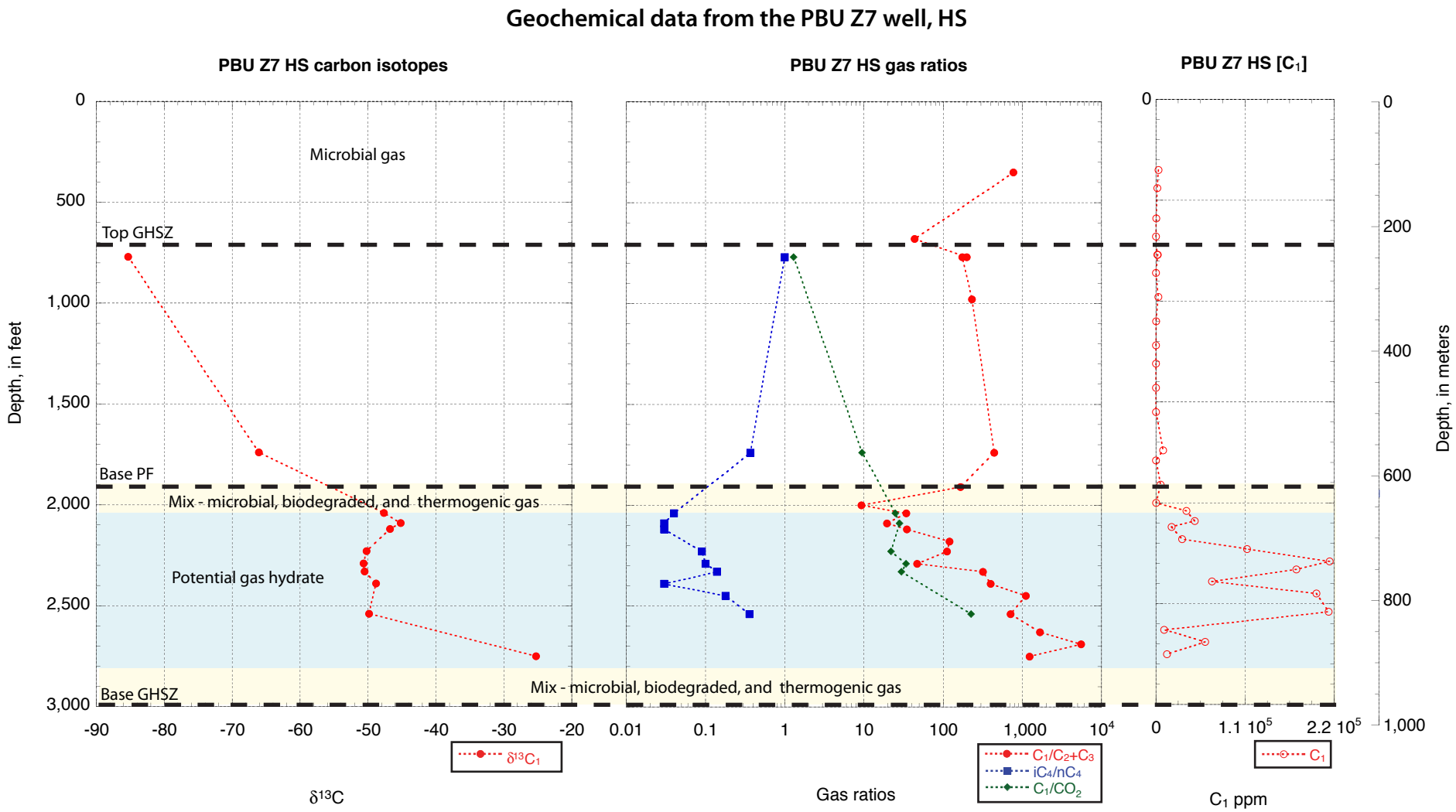
Geochemical data from the Noatak 1 well

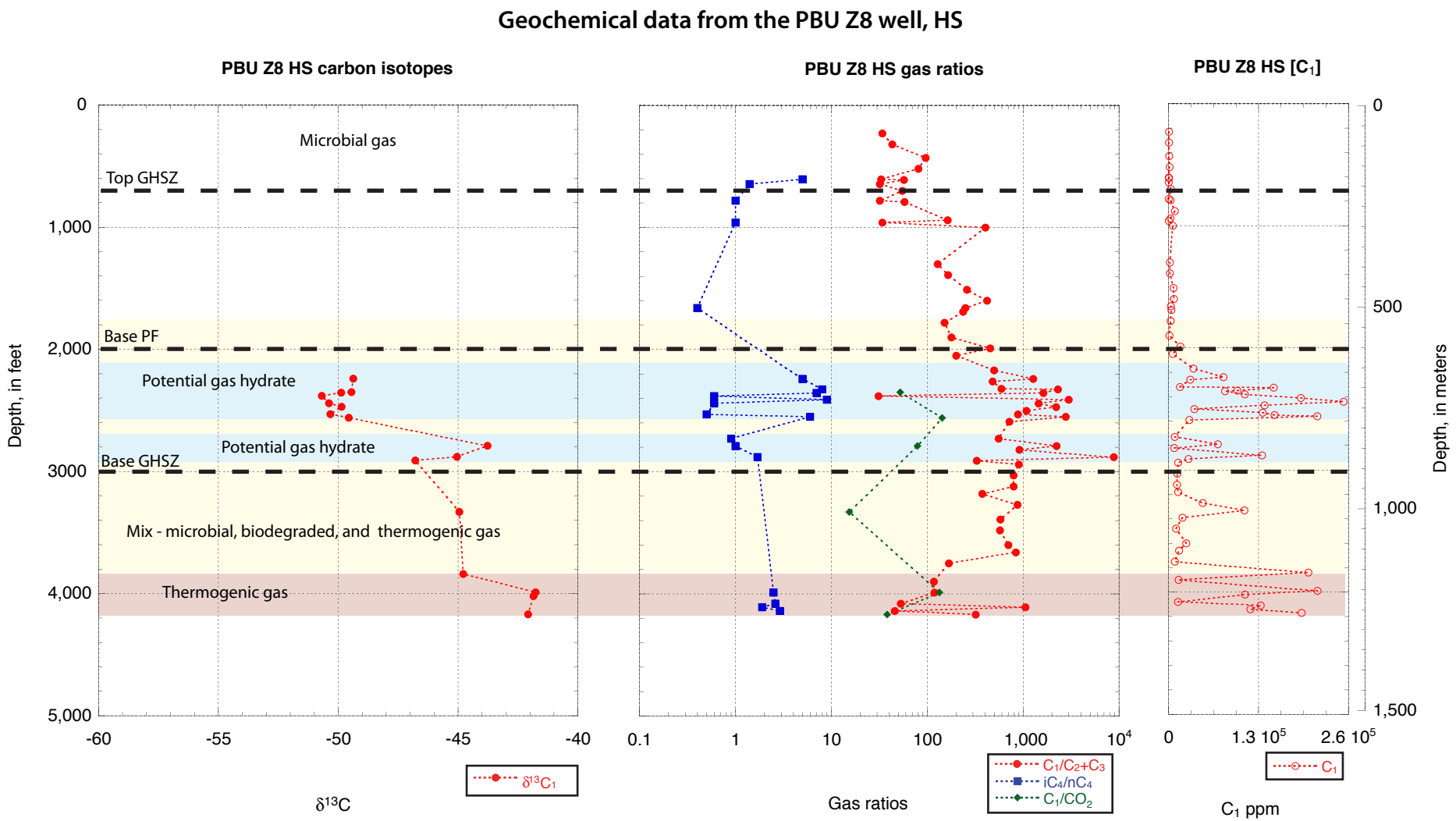


Geochemical data from the PBU R-1 well, HS

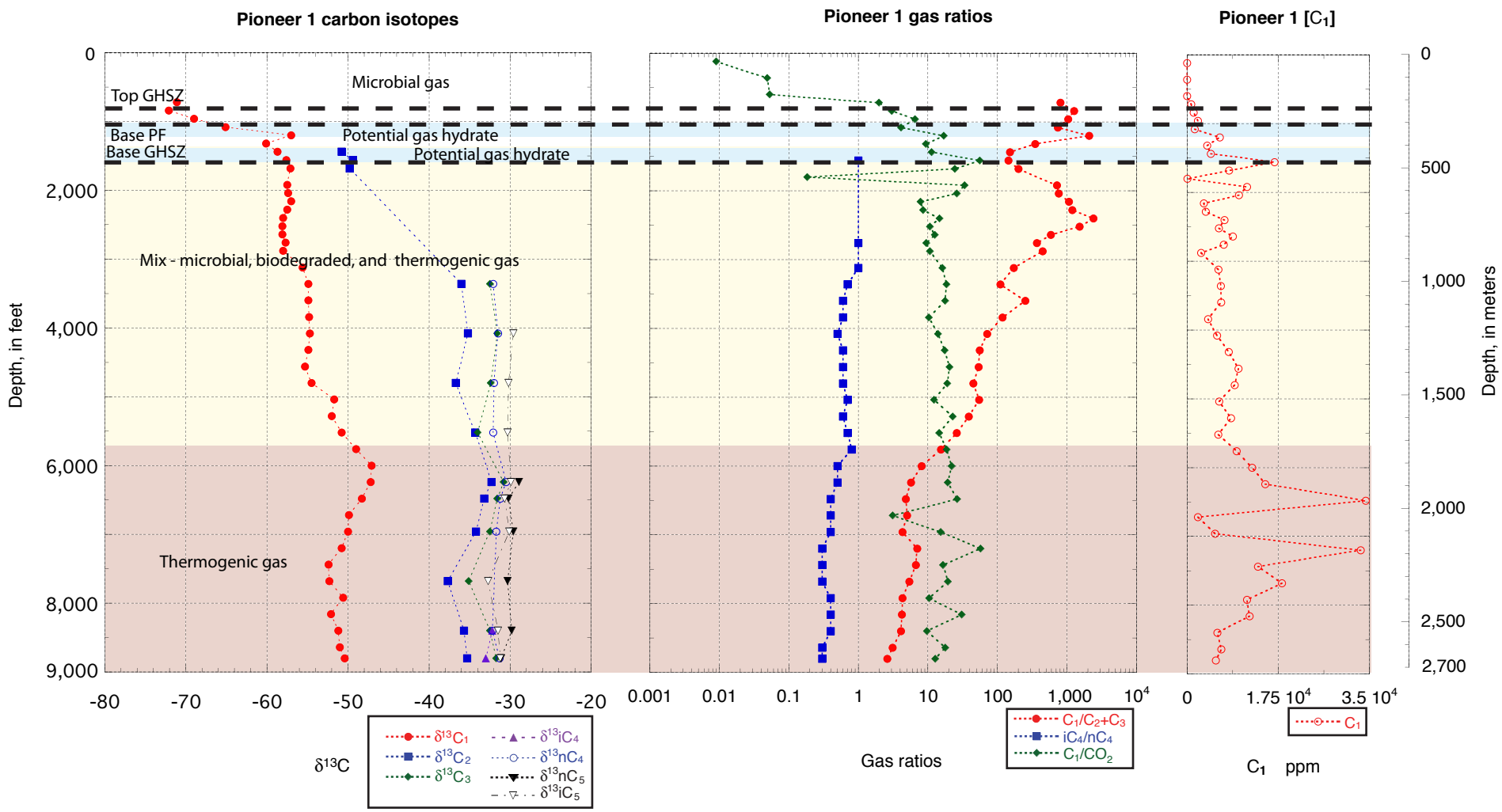


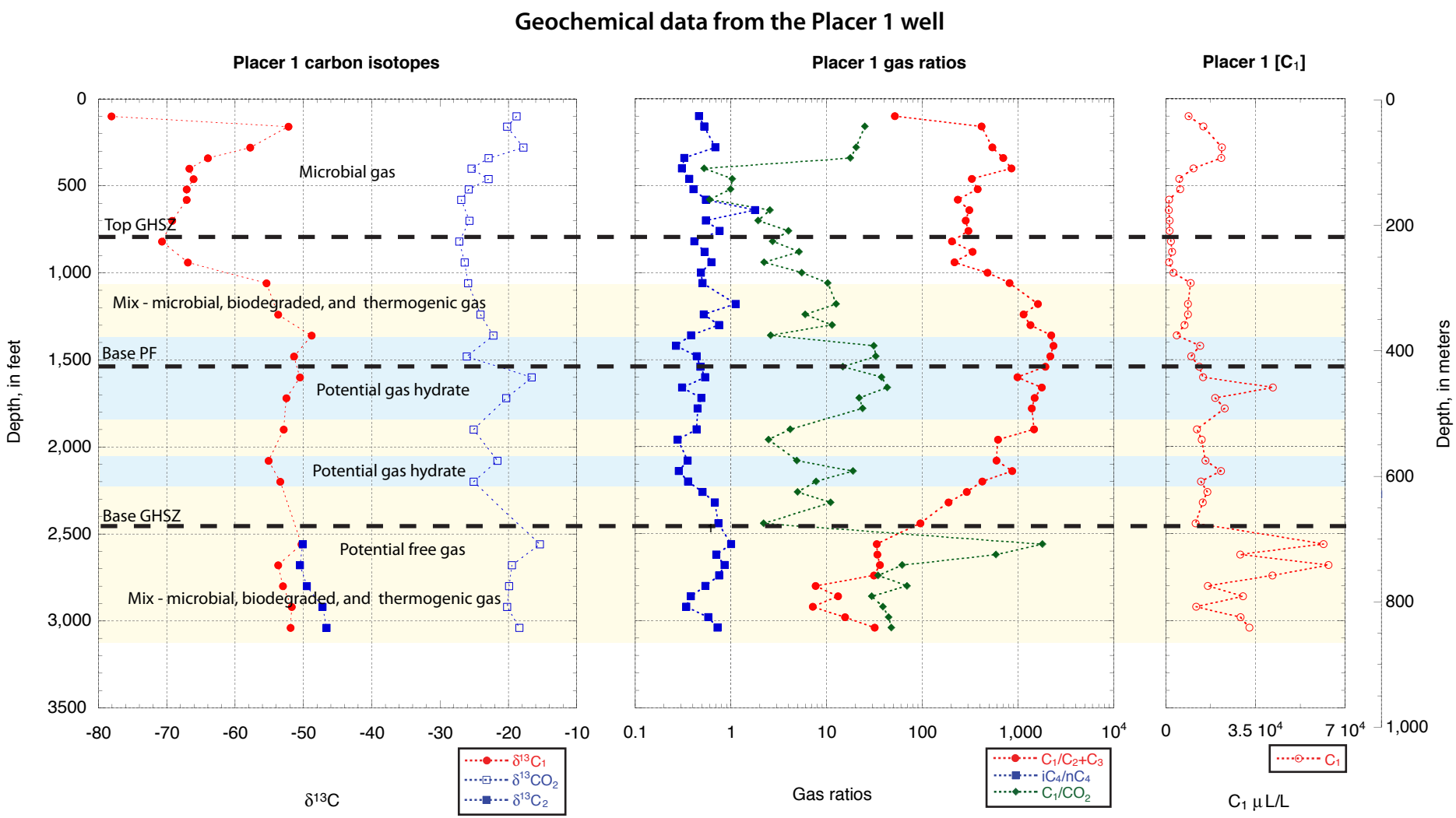

Geochemical data from the PBU S-26 well, HS
PBU S-26 HS carbon isotopes
PBU S-26 HS gas ratios
PBU S-26 HS [C1]
Depth, in feet
Depth, in meters
Top GHSZ
Microbial gas
Base PF
Potential gas hydrate
Base GHSZ
Mix - microbial, biodegraded, and thermogenic gas
0
1,000
2,000
3,000
4,000
5,000
500
1,500
-90
-80
-70
-60
-50
-40
0.1
1
10
100
1,000
10^4
6.5 10^4
1.3 10^5
δ13C1
C1/C2+C3
iC4/nC4
C1
δ13C
Gas ratios
C1 ppm

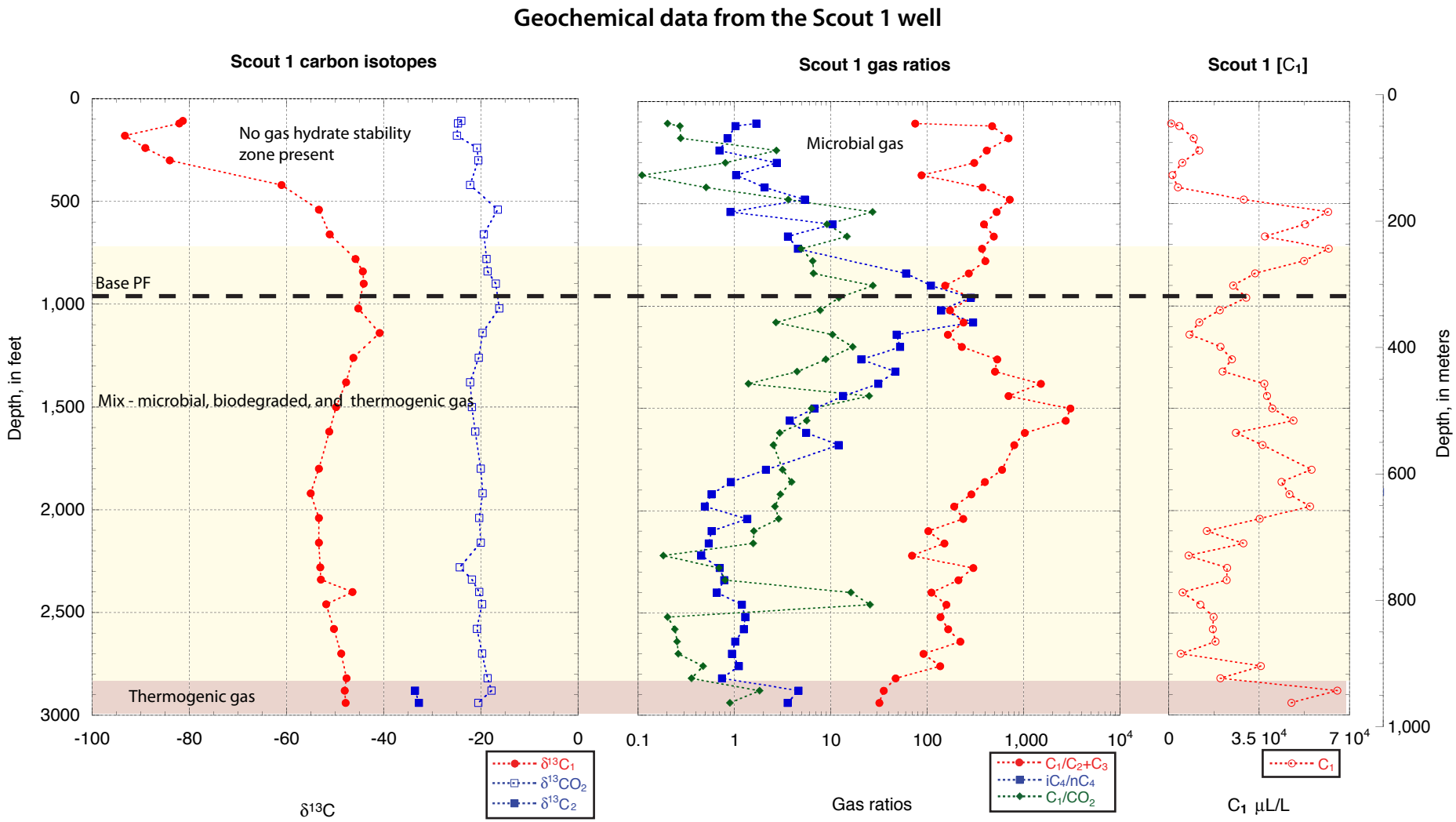

Geochemical data from the PBU Z7 well, HS
PBU Z7 HS carbon isotopes
PBU Z7 HS gas ratios
PBU Z7 HS [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Base PF
Mix - microbial, biodegraded, and thermogenic gas
Potential gas hydrate
Base GHSZ
Mix - microbial, biodegraded, and thermogenic gas
δ13C1
δ13C
C1/C2+C3
iC4/nC4
C1/CO2
Gas ratios
C1
C1 ppm

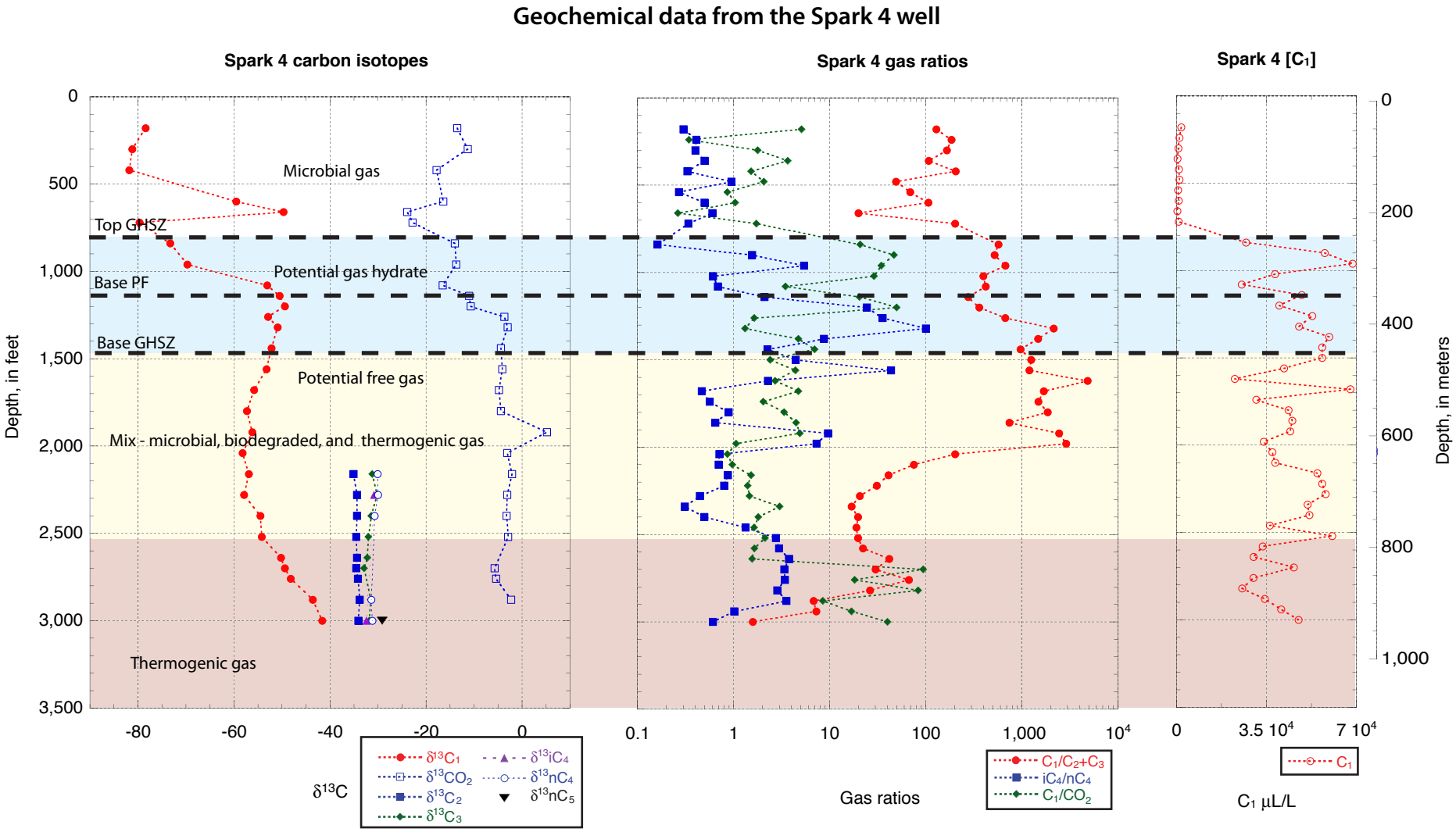

Geochemical data from the PBU Z8 well, HS
PBU Z8 HS carbon isotopes
PBU Z8 HS gas ratios
PBU Z8 HS [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Base PF
Potential gas hydrate
Potential gas hydrate
Base GHSZ
Mix - microbial, biodegraded, and thermogenic gas
Thermogenic gas
0
1,000
2,000
3000
4,000
5,000
0
500
1,000
1,500
-60
-55
-50
-45
-40
0.1
1
10
100
1,000
10^4
0
1.3 10^5
2.6 10^5
δ13C1
δ13C
C1/C2+C3
iC4/nC4
C1/CO2
Gas ratios
C1
C1 ppm

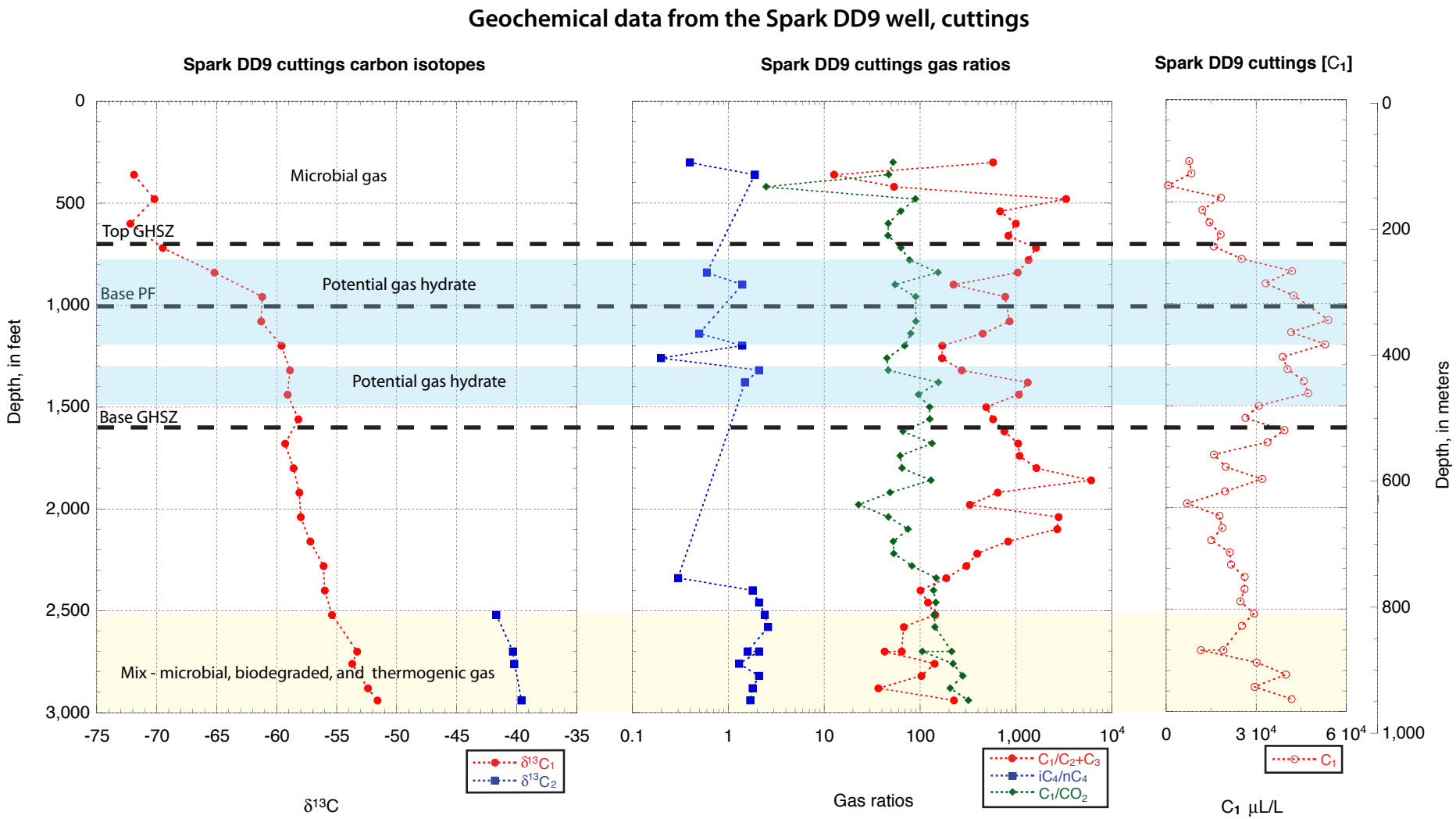
Geochemical data from the Pioneer 1 well



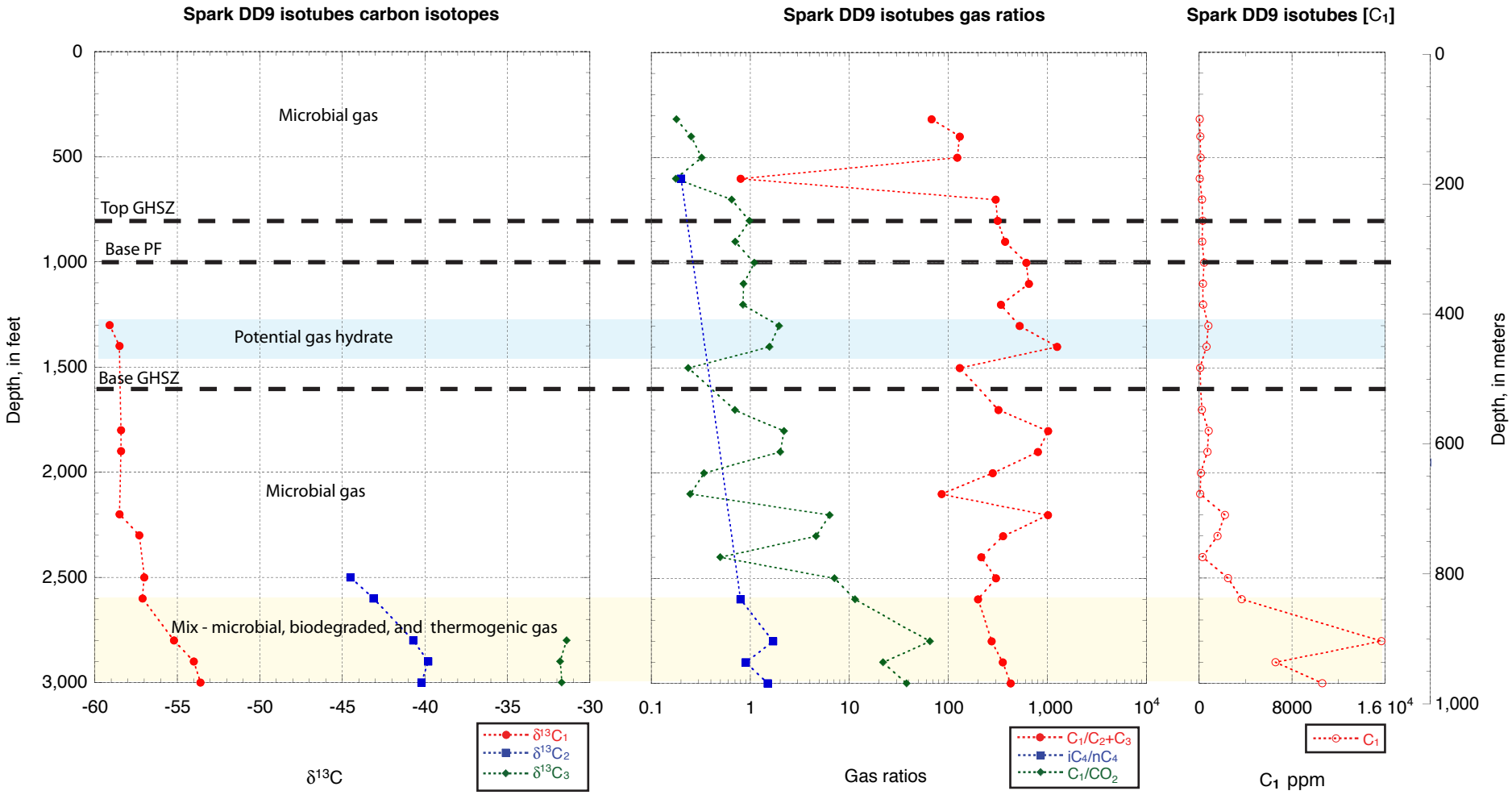

Geochemical data from the Placer 1 well
Placer 1 carbon isotopes
Placer 1 gas ratios
Placer 1 [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Mix - microbial, biodegraded, and thermogenic gas
Base PF
Potential gas hydrate
Potential gas hydrate
Base GHSZ
Potential free gas
Mix - microbial, biodegraded, and thermogenic gas
δ13C1
δ13CO2
δ13C2
δ13C
C1/C2+C3
iC4/nC4
C1/CO2
Gas ratios
C1
C1 µL/L


Geochemical data from the Scout 1 well
Scout 1 carbon isotopes
Scout 1 gas ratios
Scout 1 [C1]
No gas hydrate stability zone present
Microbial gas
Base PF
Mix - microbial, biodegraded, and thermogenic gas
Thermogenic gas
Depth, in feet
Depth, in meters
δ13C
Gas ratios
C1 µL/L
δ13C1
δ13CO2
δ13C2
C1/C2+C3
iC4/nC4
C1/CO2
C1

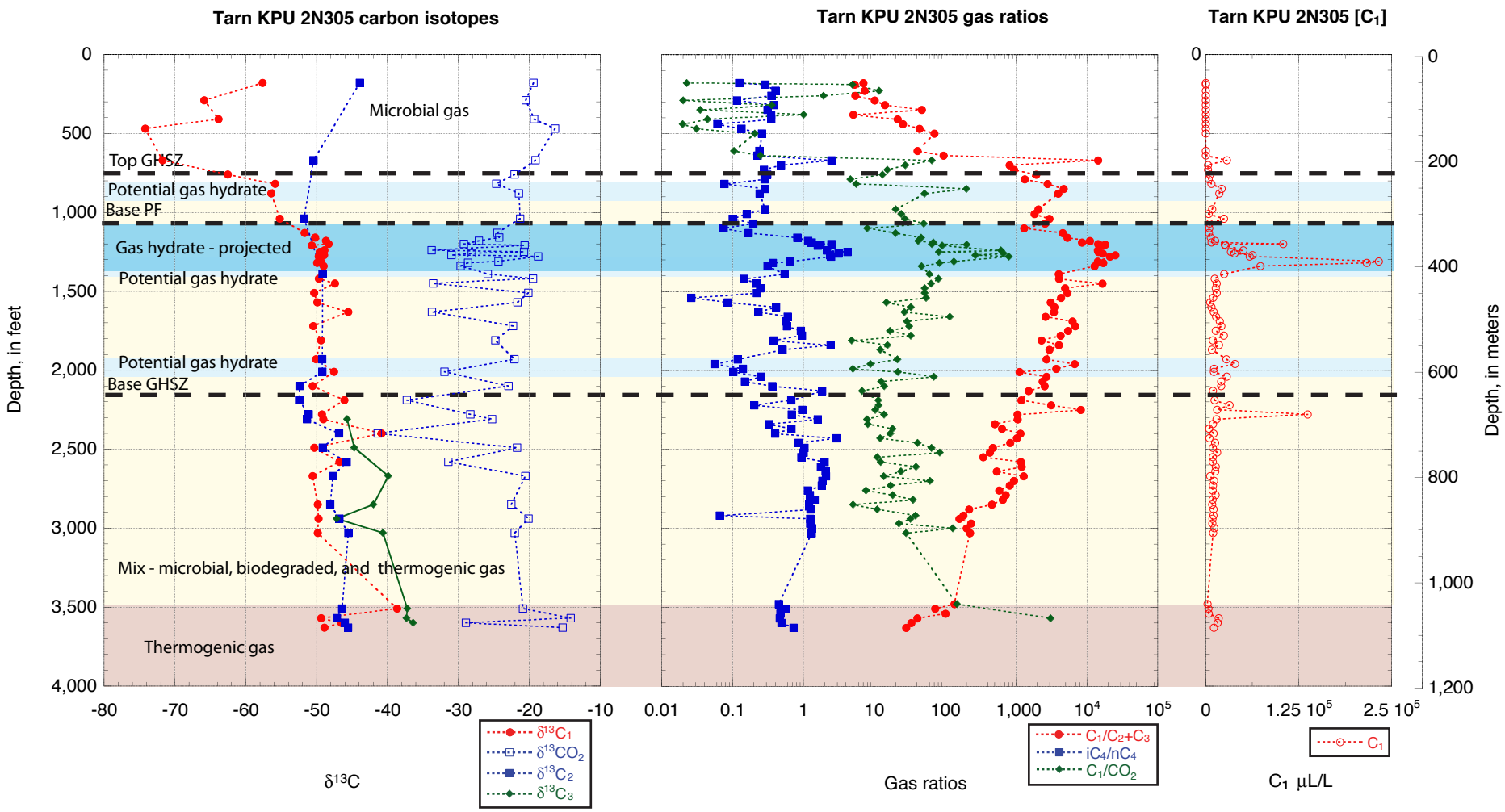

Geochemical data from the Spark 4 well
Spark 4 carbon isotopes
Spark 4 gas ratios
Spark 4 [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Potential gas hydrate
Base PF
Base GHSZ
Potential free gas
Mix - microbial, biodegraded, and thermogenic gas
Thermogenic gas
δ13C
δ13C1
δ13CO2
δ13C2
δ13C3
δ13iC4
δ13nC4
δ13nC5
Gas ratios
C1/C2+C3
iC4/nC4
C1/CO2
C1 µL/L
C1


Geochemical data from the Spark DD9 well, cuttings
Spark DD9 cuttings carbon isotopes
Spark DD9 cuttings gas ratios
Spark DD9 cuttings [C1]
Depth, in feet
Depth, in meters
Microbial gas
Top GHSZ
Base PF
Potential gas hydrate
Potential gas hydrate
Base GHSZ
Mix - microbial, biodegraded, and thermogenic gas
δ13C1
δ13C2
δ13C
C1/C2+C3
iC4/nC4
C1/CO2
Gas ratios
C1
C1 µL/L

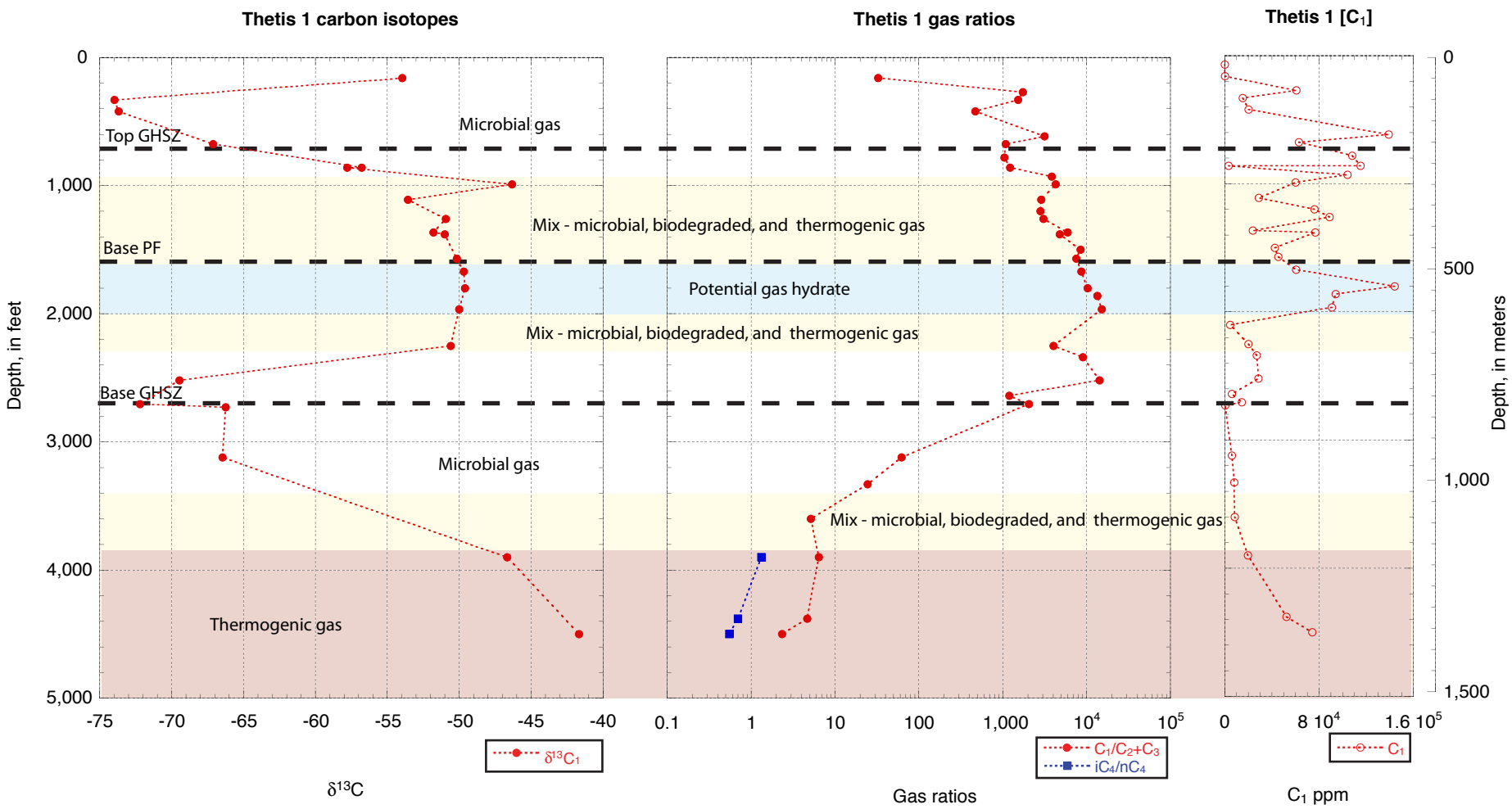
Geochemical data from the Spark DD9 well, isotubes

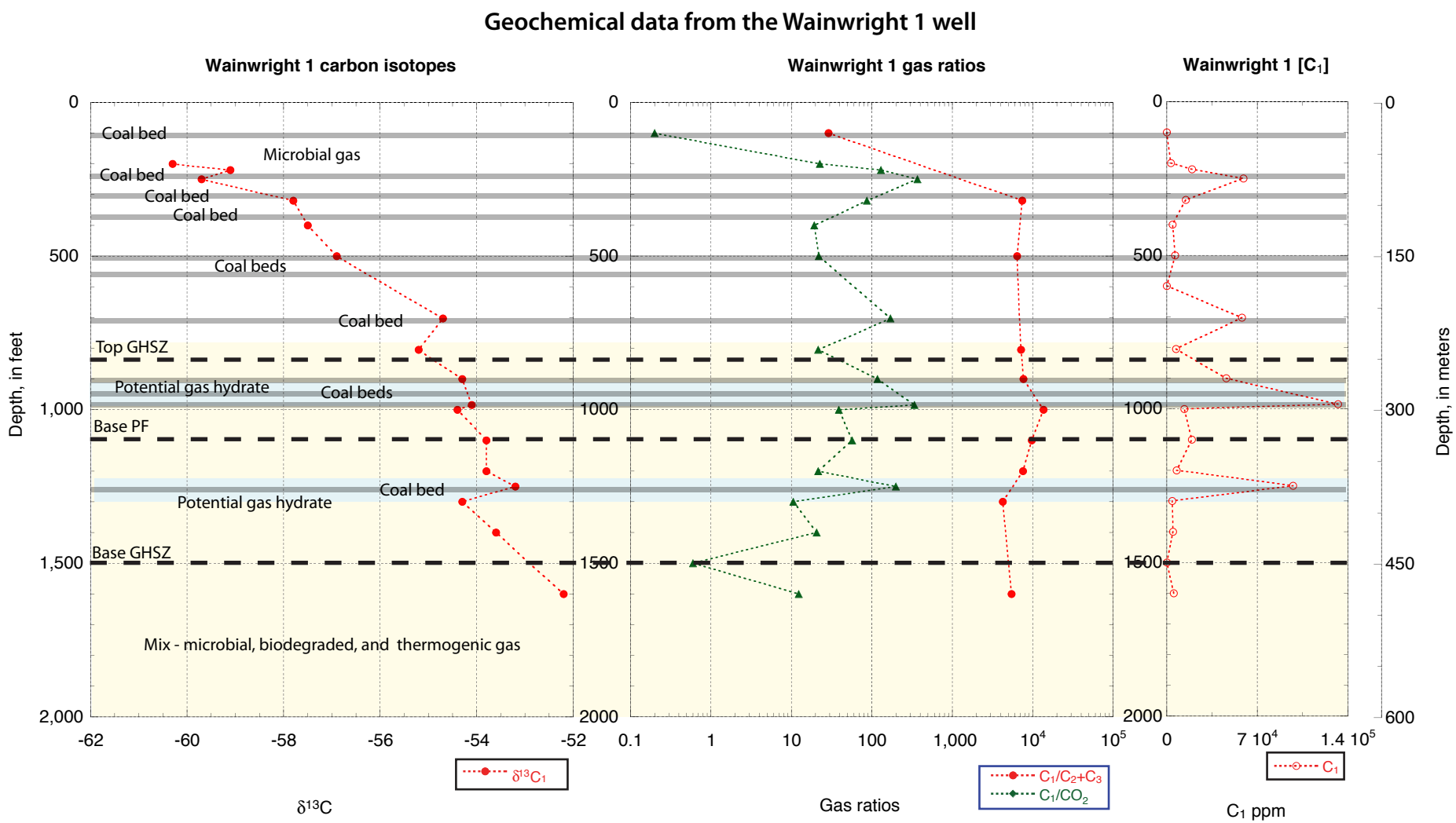
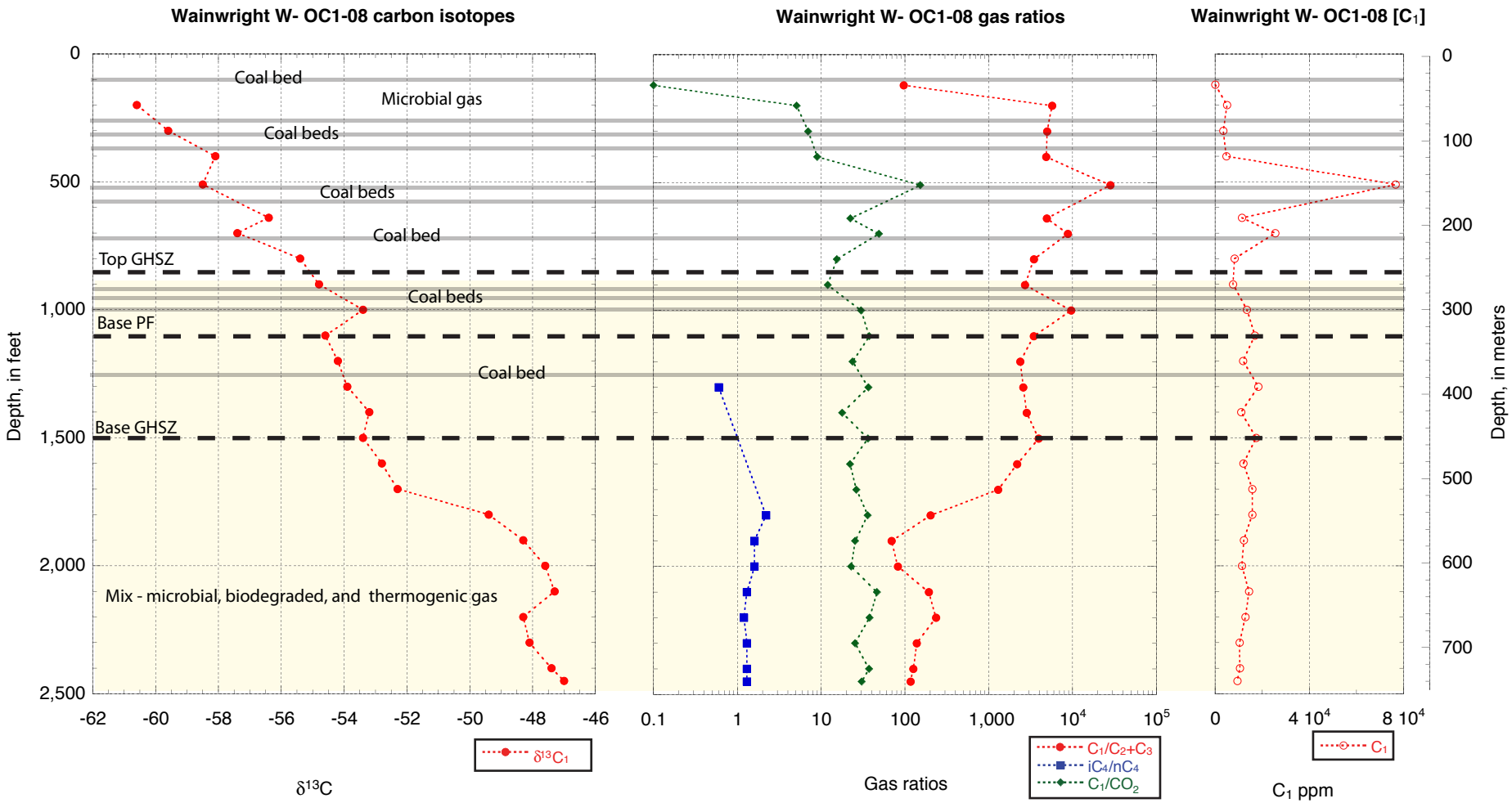


Geochemical data from the Tarn KRU 2N305 well



Geochemical data from the Thetis 1 well




Geochemical data from the Wainwright 1 well
Wainwright 1 carbon isotopes
Wainwright 1 gas ratios
Wainwright 1 [C1]
Depth, in feet
Depth, in meters
Coal bed
Microbial gas
Coal bed
Coal bed
Coal bed
Coal beds
Coal bed
Top GHSZ
Potential gas hydrate
Coal beds
Base PF
Coal bed
Potential gas hydrate
Base GHSZ
Mix - microbial, biodegraded, and thermogenic gas
δ13C1
δ13C
C1/C2+C3
C1/CO2
Gas ratios
C1
C1 ppm

Geochemical data from the Wainwright W- OC1-08 well