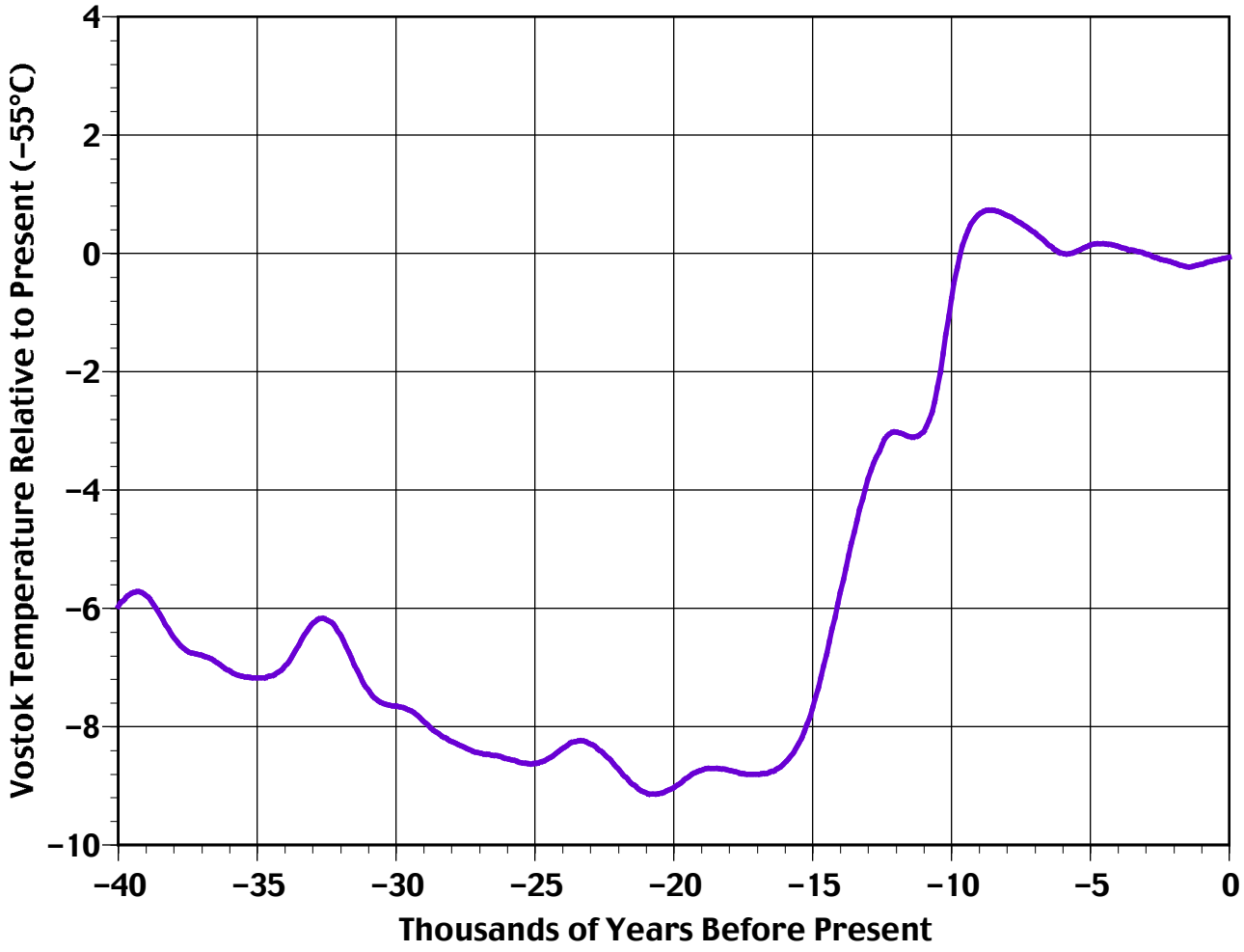
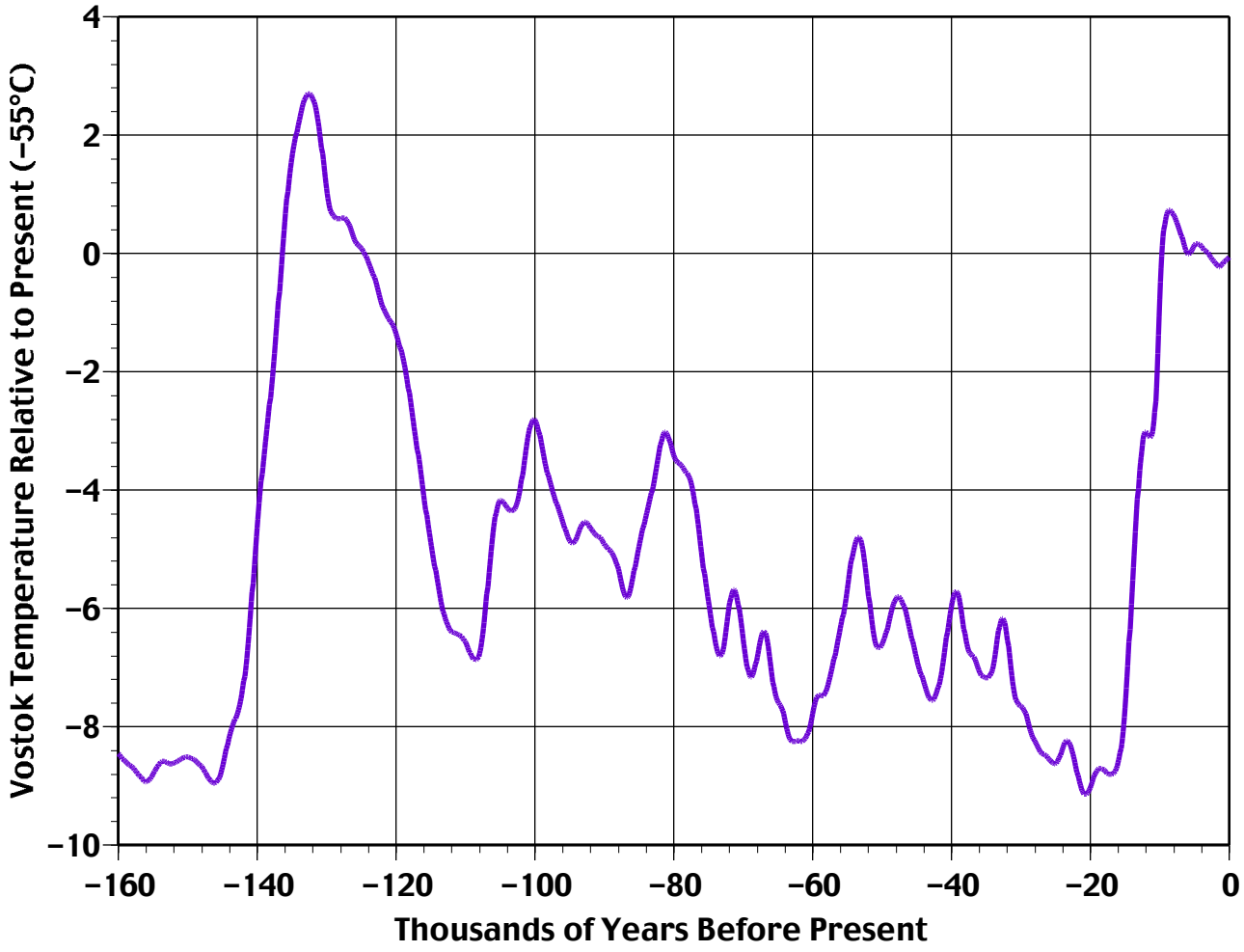
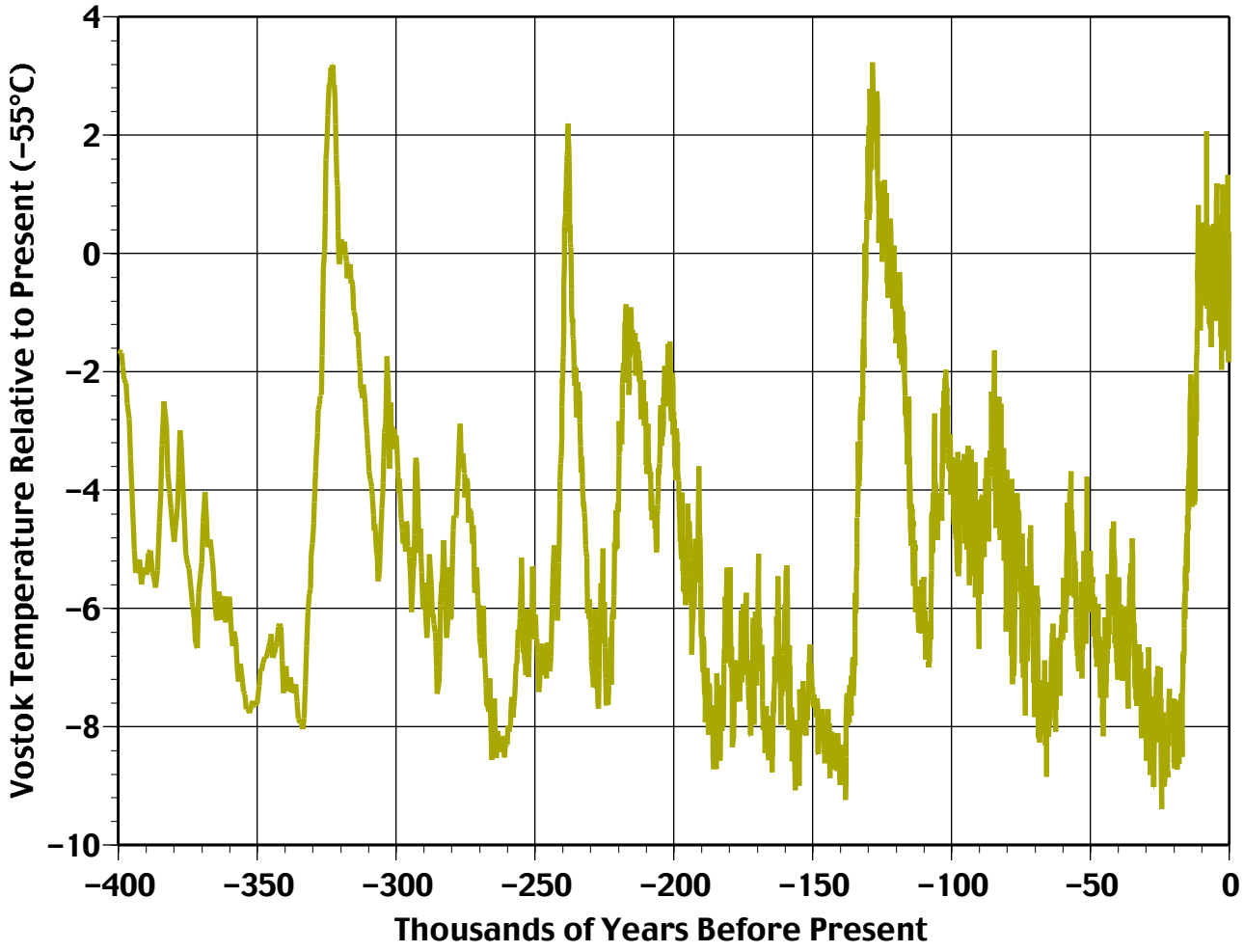
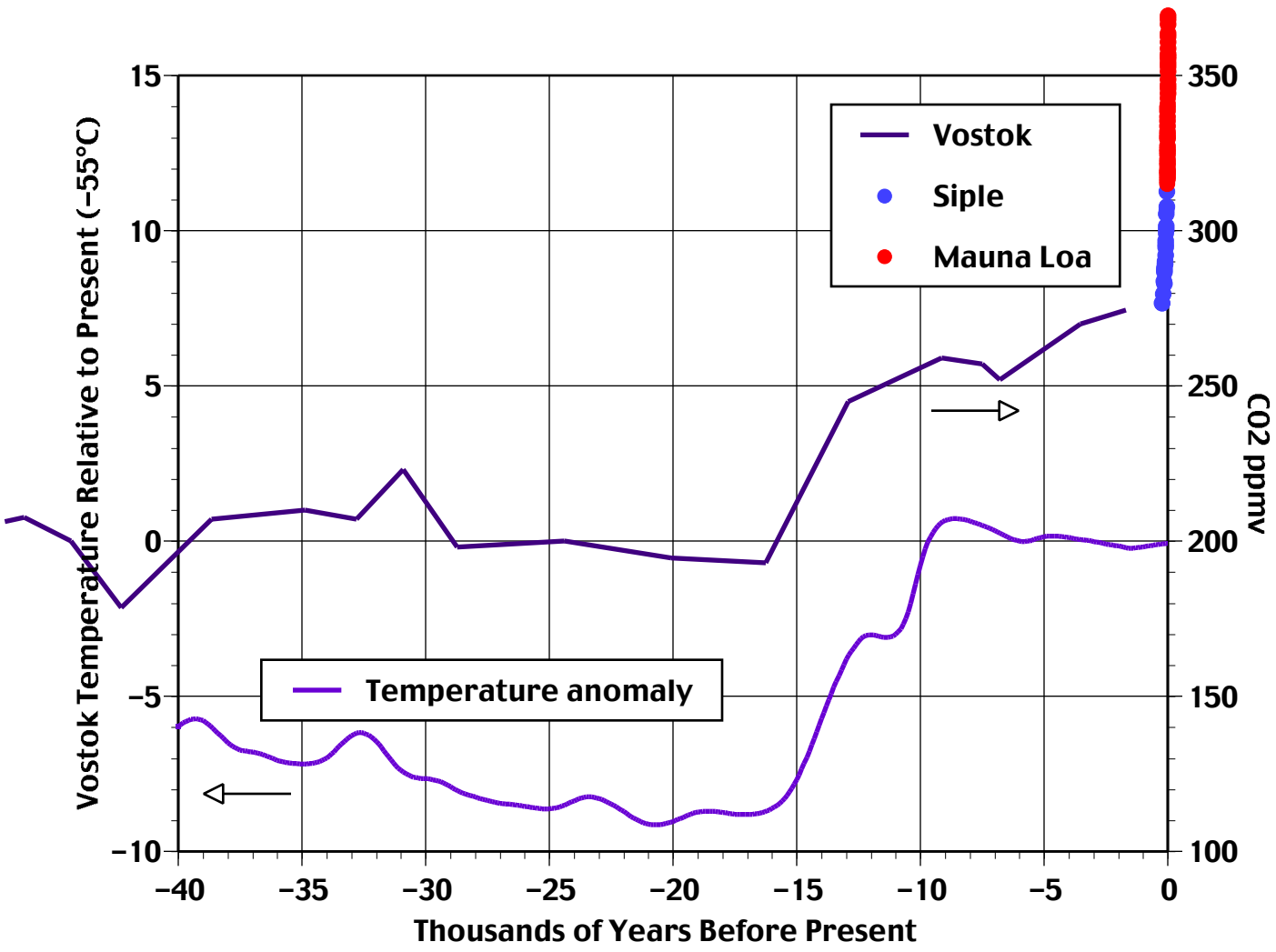
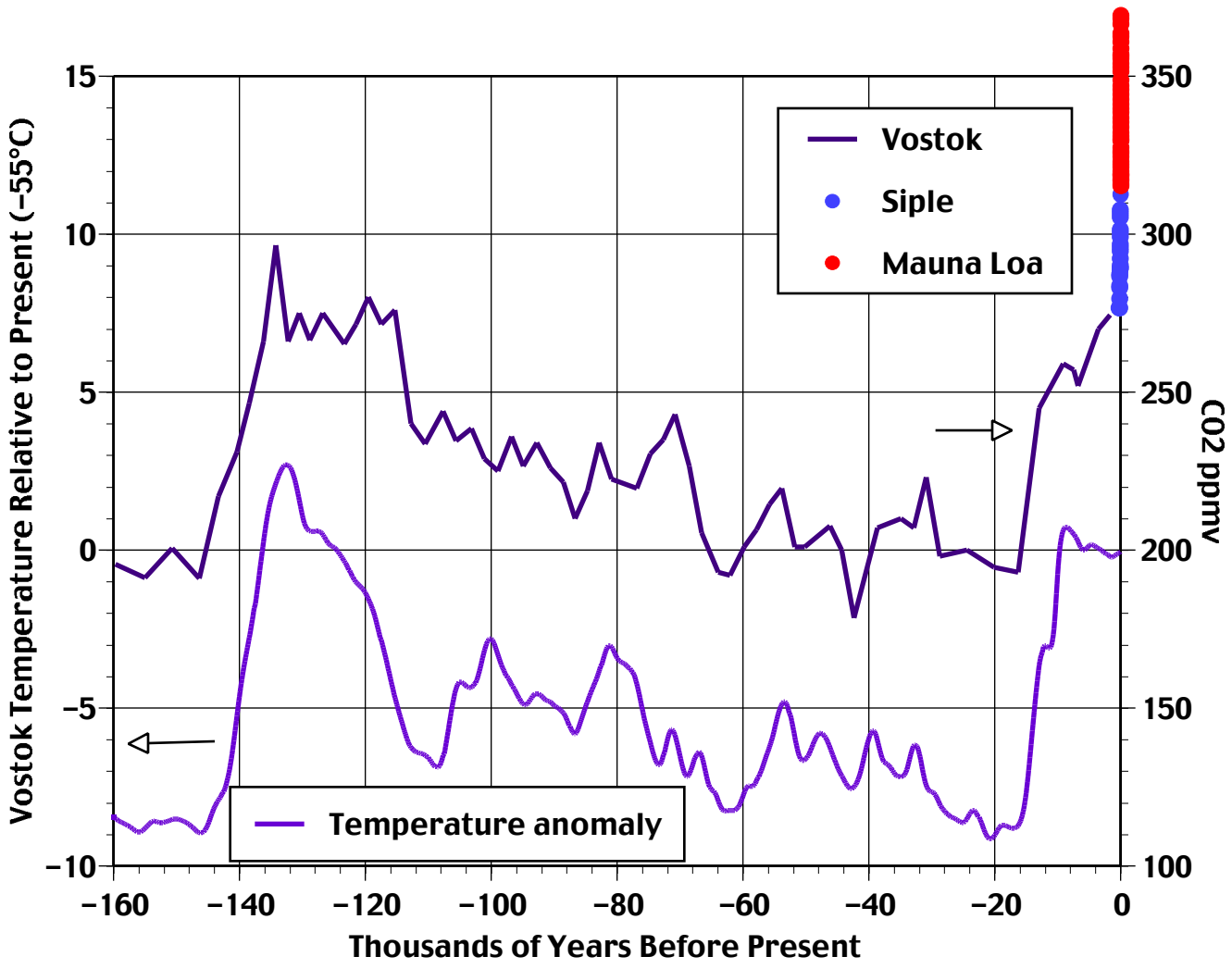
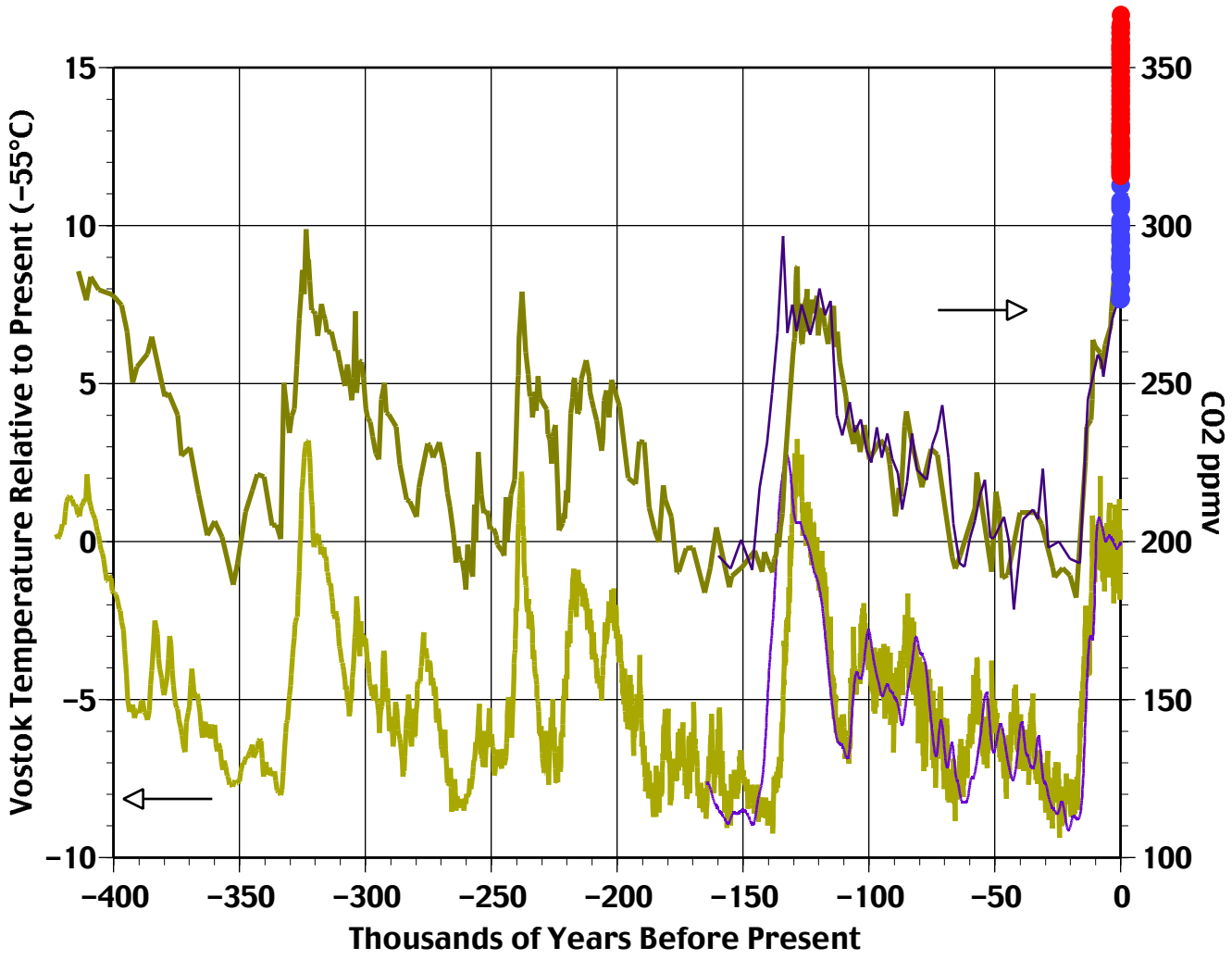

Vostok Temperature Relative to Present (−55°C)
4
2
0
−2
−4
−6
−8
−10
−40
−35
−30
−25
−20
−15
−10
−5
0
Thousands of Years Before Present

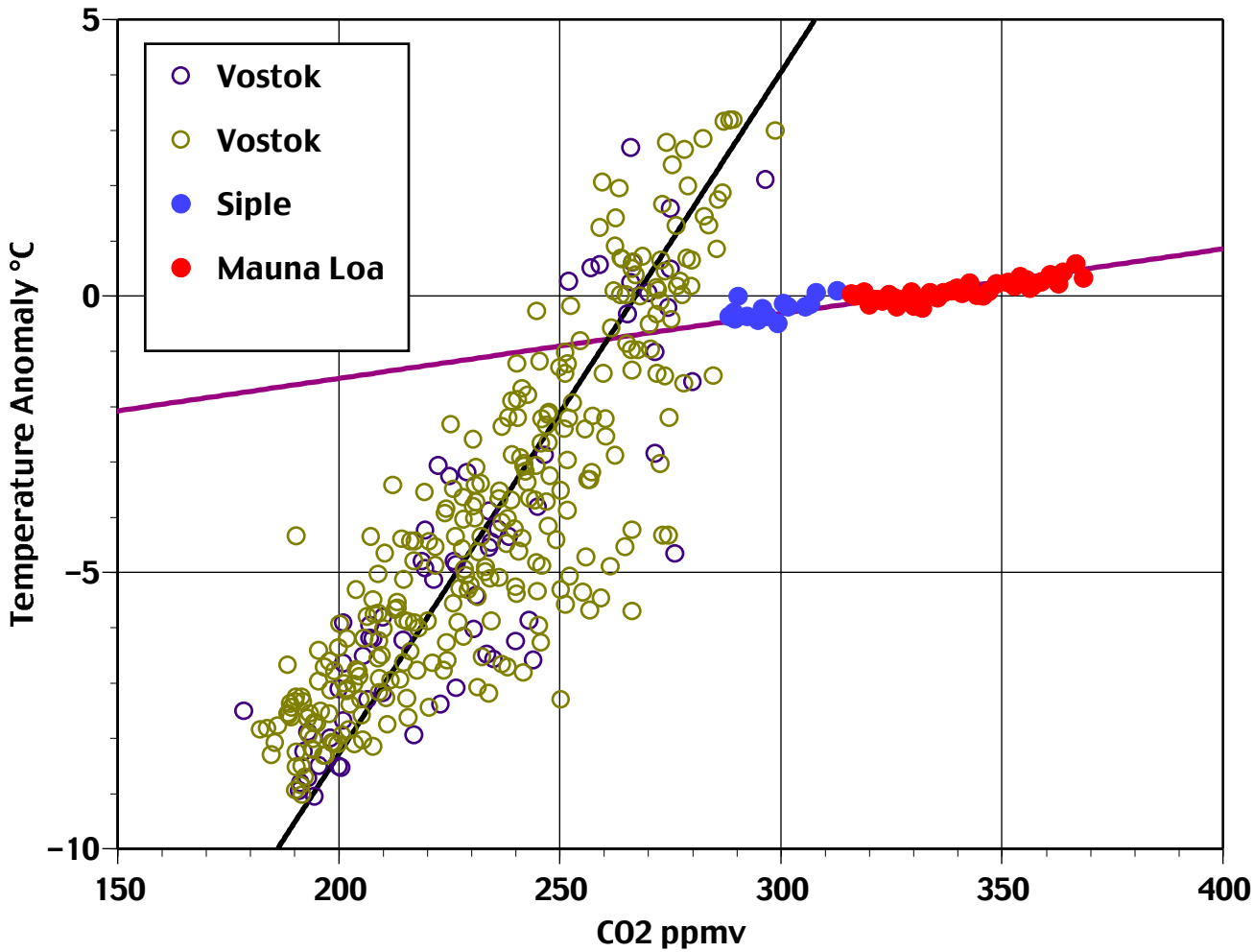

Vostok Temperature Relative to Present (−55°C)
4
2
0
−2
−4
−6
−8
−10
−160
−140
−120
−100
−80
−60
−40
−20
0
Thousands of Years Before Present

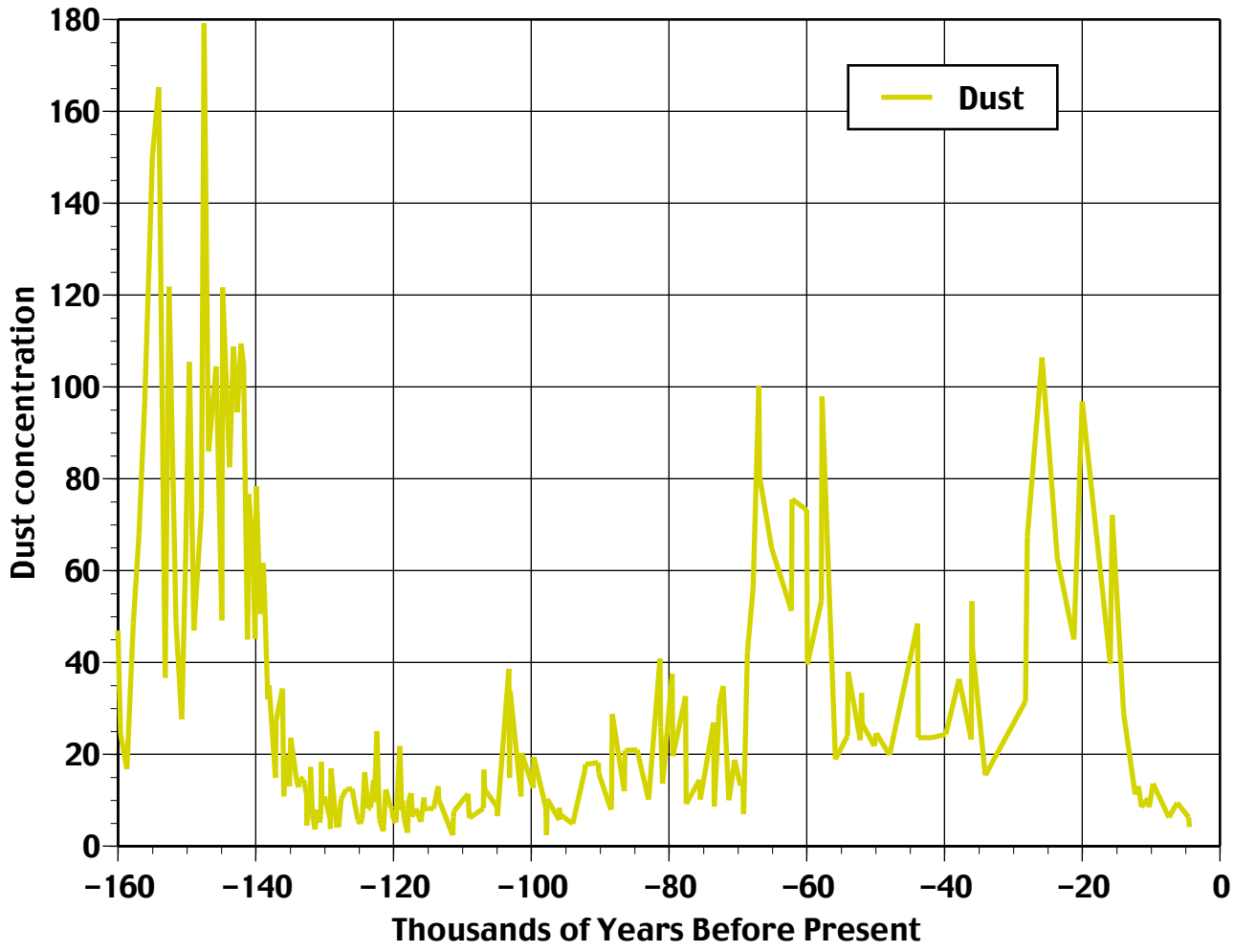

Vostok Temperature Relative to Present (−55°C)
4
2
0
−2
−4
−6
−8
−10
−400
−350
−300
−250
−200
−150
−100
−50
0
Thousands of Years Before Present

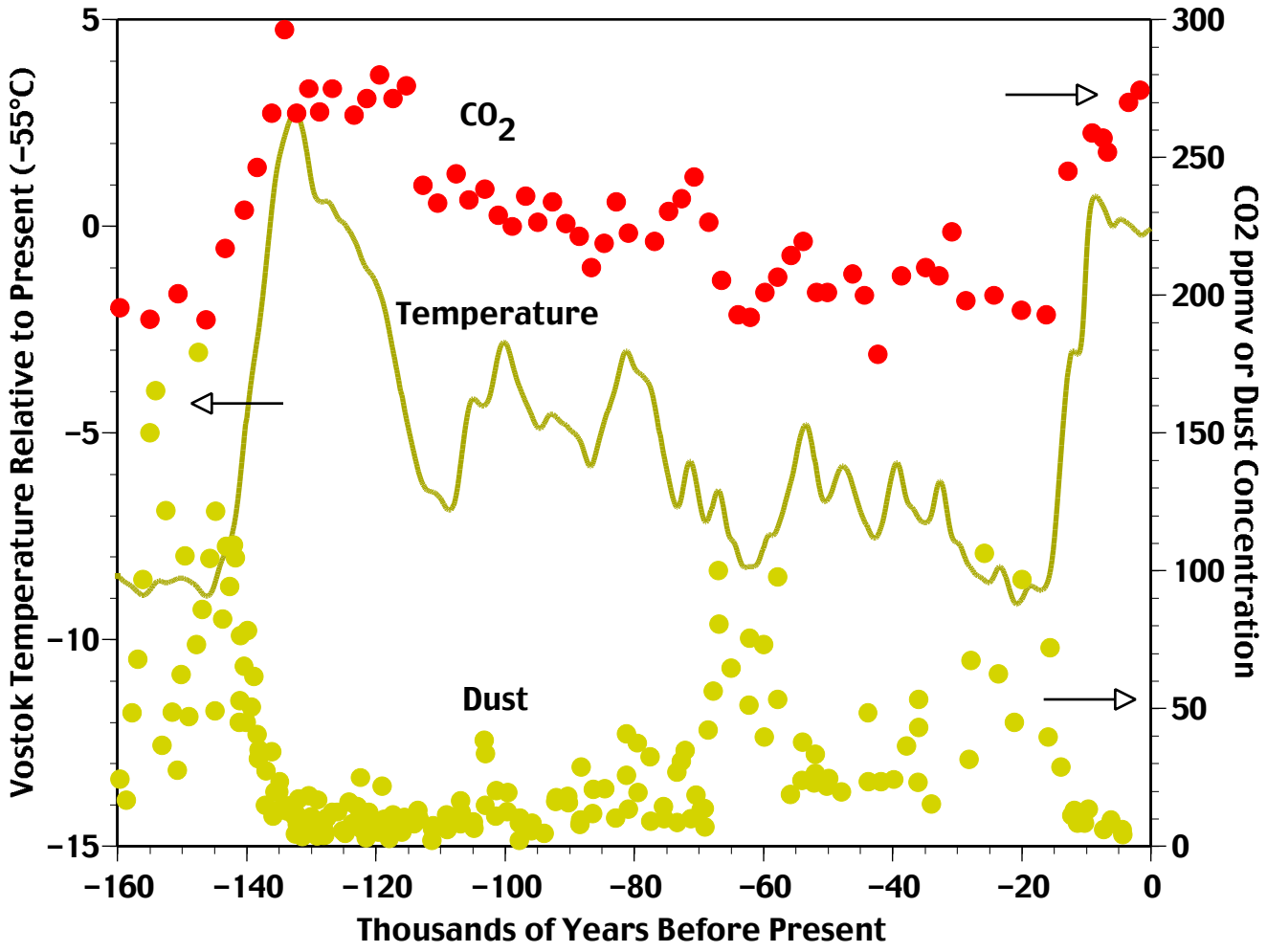

Vostok
Siple
Mauna Loa
Temperature anomaly
Vostok Temperature Relative to Present (−55°C)
CO2 ppmv
Thousands of Years Before Present
15
10
5
0
−5
−10
350
300
250
200
150
100
−40
−35
−30
−25
−20
−15
−10
−5
0


Vostok
Siple
Mauna Loa
Temperature anomaly
Vostok Temperature Relative to Present (−55°C)
CO2 ppmv
Thousands of Years Before Present
15
10
5
0
−5
−10
350
300
250
200
150
100
−160
−140
−120
−100
−80
−60
−40
−20
0


Vostok Temperature Relative to Present (−55°C)
15
10
5
0
−5
−10
−400
−350
−300
−250
−200
−150
−100
−50
0
Thousands of Years Before Present
350
300
250
200
150
100
C02 ppmv


Vostok
Vostok
Siple
Mauna Loa
Temperature Anomaly °C
5
0
−5
−10
150
200
250
300
350
400
CO2 ppmv


Dust
Dust concentration
Thousands of Years Before Present
180
160
140
120
100
80
60
40
20
0
−160
−140
−120
−100
−80
−60
−40
−20
0


Vostok Temperature Relative to Present (−55°C)
CO2 ppmv or Dust Concentration
Thousands of Years Before Present
CO2
Temperature
Dust
5
0
−5
−10
−15
300
250
200
150
100
50
0
−160
−140
−120
−100
−80
−60
−40
−20
0